HOT PRODUCTS

2013 Catalog



The Premier Worldwide Personal Watercraft Parts Distributor

13

Dear Hot Products Dealers,

Hot Products, "The Premier Worldwide Personal Watercraft Parts Distributor" is pleased to release the 2013 Hot Products High Performance, Racing and Repair Parts Catalog.

For the 2013 year Hot Products has implemented a new business model for the company that creates partnerships and business alliances with key vendors. These new relationships will greatly improve our purchasing power and inventory both on hand and available to us on an as needed basis. For 2013 the vendors that have been selected and have agreed to the relationship are: RRP, RICKTER and ADA Racing. As you will see in the 2013 catalog the product lines for these companies have greatly increased and the expansion of our inventory to include the new items has already begun.

The 2013 catalog proudly features the following enhancements:

- *Our Four Stroke Feature sections have been expanded to 85 pages and include the most up to date information and all the new parts available.*
- *Our Freestyle, Freeride and 1100 SXR section has expanded to 16 pages to offer you information and parts for the growing markets in the Stand-up PWC market.*
- *The entire TBM Racing product line has been added*

Hot Products has always strived to contribute to the growth of the Personal Watercraft Industry and Racing, for 2013 Hot Products will be supporting or sponsoring these events:
2013 Hot Products IJSBA World Finals
2013 Hot Products IJSBA Mark Hahn Memorial Havasu 300
2013 Hot Products Cup - 2013 IJSBA Jettribe West Coast Series
2013 8th Annual Impros Blythe Bound Smack Down ("BBSD")
2013 Blowsion Surfslam
2013 JSRA Junior Hot Products Cup in the UK
2013 Euro Jettribe Tour



For 2014 Hot Products is proud to be the title sponsor for the:
2014 Hot Products IJSBA Mark Hahn Memorial Havasu 300

The Hot Products Staff, Racers and I would like to send our appreciation to all of our dealers and vendors that have been part of our great business and look forward to great year.

***Scott Saito** • Hot Products Founder and President*

Cover Photographs by Jin Omura:
Rok Florjancic,
2012 Hot Products World Final,
Pro Freestyle World Champion

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TERMS/SHIPPING USA

All orders require a Visa, MasterCard or Discover credit card payment to release the order for shipment. COD shipments are available but must be approved by Hot Products when the order is placed. **All COD orders will incur a $11.00 COD Service Charge** (the actual UPS COD Fee) if the order is not paid via credit card.

All orders will be shipped via UPS Ground unless otherwise requested. **Hot Products offers free UPS Ground shipping on all orders of $250.00 or more** within the continental USA (Excluding Alaska, Hawaii, Guam, Puerto Rico). The following items are exceptions to the free freight policy and do not qualify: Beach Stands, Launcher Totes, Lifesled and other oversized items. The UPS Ground rate will be credited against the UPS Air Freight charges on all qualifying free UPS Ground orders. *All shipping rates are the published UPS rates.

Hot Products does not have a minimum order, all orders are accepted.

EXPORT SERVICES

The parent company of Hot Products, Exceed International Inc. has over 30 years of World Wide Export experience. In conjunction with the ability to purchase from the aftermarket watercraft industry manufacturers for export, Exceed International can process and package one easy and convenient shipment to expedite the shipment process and save on your shipping/export fees.

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HOT PRODUCTS SUPPORTS RACING IN THE USA AND ALL OVER THE WORLD...

The Hot Products Cup is a season long competition in which racers accumulate points in specific racing classes from the Qualified 2013 IJSBA Jettribe West Coast Series events. At the end of the season, the winning racers of the select classes will be crowned the Hot Products Cup Champion for that class.

The 2013 Hot Products Cup season will consist only of the events within the 2013 IJSBA Jettribe West Coast Series and end at the last event of the series before the IJSBA World Final Events in October. The first qualifying event was the 2013 IJSBA Jettribe West Coast Series stop in Parker, Arizona on April 20th & 21st, 2013.

Hot Product Cup points are awarded to first through third place in each racing class.

The Champions of the Hot Products Cup (based on each racing class) will be awarded the entry fee for the 2013 IJSBA Hot Products World Final Event. This entry fee will be for the class of each Hot Products Cup Champion.

The 2013 Hot Products World Finals • October 5-13, 2013 • Lake Havasu City, AZ USA



Competitions will begin on October 8 with the Pro Racers assaulting the water on October 12 and 13. As the IJSBA inches closer to the 32nd installment of the best PWC Racing on the planet, we look forward to one of the most important chapters in history. With the help of Hot Products, IJSBA has continued a seventh year of positive growth in the sport. The 2013 Hot Products World Finals will treat spectators and participants to some special features that will challenge the watercraft community's perceptions of whether the golden years of PWC racing were yesterday or today.
More than 400 competitors, from more than 35 nations, will participate in the 2013 Hot Products World Finals aboard Yamaha, Sea-Doo, and Kawasaki watercraft.
The following is the schedule at-a-glance:
October 5-6: Rider Check In An Technical Inspection
October 7: Practice Begins
October 8-9: Novice and Amateur Racing
October 10-11: Expert and Pro-Am Racing
October 12-13: Pro Racing

Hot Products has been the world's largest distributor of performance and lifestyle accessories for personal watercraft. Every competitor on the water uses a product that is carried by Hot Products. IJSBA and the entire PWC Racing Community are grateful for Hot Products' generosity in ensuring the sport achieves the highest level of success possible.
Scott Frazier – IJSBA Executive Director

2014 Hot Products IJSBA Mark Hahn Memorial Havasu 300 Mile National Team Endurance Race.

This will be the 10th Anniversary of this great event.

The event is set to launch from Crazy Horse Campground in Lake Havasu City, Arizona in February 2014 (actual event date to be confirmed).

The event is sanctioned by the IJSBA, and it is expected to draw a record number of teams from around the globe, as well as all of the top PWC racers from the USA.

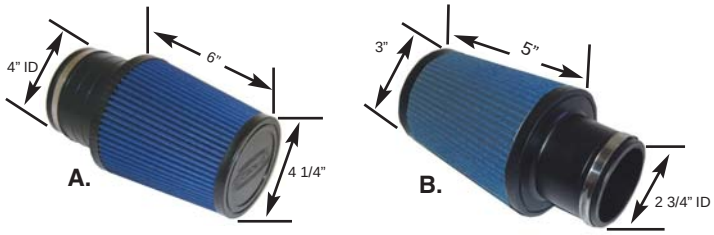
The race is being held again in the memory of endurance racer Mark Hahn, who was instrumental in providing the momentum to keep endurance racing going strong and growing across the country before his untimely death during a PWC race in 2004. The "Team" format features two riders for runabout (sit down) boat teams and up to three riders for a stand-up craft. Solo riders are also welcome to "Ironman" the race on either style of boat, a real test of endurance and stamina of both the riders and their race craft.



2013 Mark Hahn Havasu 300 Champions:
Runabout Champion – Jean Bruno Pastorello and Chris MacClugage (Team)
Stand-up Champion - Ryan Decker (Ironman)

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R&D POWER PLENUM FILTER KIT

The R&D RXP-X and RXT-X High Performance Power Plenum Air Filter Kit was designed and developed exclusively for the new Sea-Doo RXP-X and RXT-X 255 H.P. 4-Tec's new high flow intake system design. The R&D filter kit will unleash restricted low-end, mid-range and peak horsepower trapped in the O.E.M. air filtration system and intake ducting by relieving the air intakes main restriction. The new R&D Filter Kit installs in place of the O.E.M. main air box plenums restrictive air intake cover. Replacing the O.E.M. air box intake cover with the R&D Filter offers a very economical way to improve airflow CFM at a fraction of the cost compared to other aftermarket kits. Sounds good, looks great, saves cash and will install in minutes. The R&D Filter Kit is easy to remove for dealer maintenance visits.

Description	Part No.
A. RXP-X(255), RXT-X(255), RXP(215), RXT(185/215), GTX SuperCharged	203-00255
B. GTX 4-Tec N.A.(155)	203-95002

NEW



R&D COOL 3" AIR FILTER KIT

The R&D Cool 3" Air Filter Kit is a system that utilizes the OEM intake hose.

Description		Part No.
RXP-X 260/GTR 215 (2012-13) Cool 3" Air Filter Kit	NEW	203-00260

NEW



R&D PRO SERIES 4" AIR FILTER KIT

The R&D Kit includes a huge 4" "snap on" rubber velocity stack that allows the large 4" Kanaflex flexible hose to be attached to the supercharger and cleanly run to the front of the hull to capture cooler air. The R&D Pro Series 4" Filter Kit has ZERO restriction to the supercharger through its oversized 5.5" x 8" filter, which results in quicker acceleration and more power.

Description		Part No.
RXP-X 260 (2012) Pro Series 4" Air Filter Kit	NEW	203-00264

NEW



R&D COOL AIR VENT PLATE KIT

The R&D Cool Air Vent Plate Kit was developed to allow super heated hot air that builds up in the back of the hull from the water box, exhaust hoses, supercharger and coolant reservoir to be quickly and easily vented out of the hull. The R&D Kit allows two large 3" holes to be drilled into the plastic seat base mount. The R&D Kit supplies two Vent Plates that pop rivet securely in place that allows hot air to escape out while muffling sound. Rivets are not included. A cooler engine room with improved air ventilation will add to engine horsepower output.

Description		Part No.
RXP-X 260 (2012) Cool Air Vent Plate Kit	NEW	203-00270



R&D SEA-DOO CRANKCASE BREATHER KIT

The R&D Crankcase Breather Kit eliminates power robbing crankcase fumes from the engines main air intake. Cleaner mass air equals more power!

Description	Part No.
R&D Crankcase Breather Kit RXP/RXT 215 HP, GTX 4-Tec	203-00216



RIVA RACING FLO-RITE AIR VENT

Flow-Rite™ Air Vents reduce underhood temperatures & improve performance by allowing hot air to escape engine compartment. These 2" water-repellent vents feature an integrated pre-filter that allows air to pass freely while keeping water out. Installs easily into engine cowling or deck of your watercraft.

Description	Part No.
RIVA Flo-Rite Air Vent (Sold individually)	RS-14-197

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RIVA RXP/RXP-X/RXT/RXT-X/GTX-SC POWER FILTER KIT

Delivers greatly improved acceleration and a 1-2 mph (150-200 rpm) top speed increase by replacing the restrictive stock intake system. The Power Filter feeds your supercharger with a steady diet of cool air via a 3" diameter intake duct and oversized K&N filter element. Ducting is precision formed from a race proven composite that will not conduct heat to incoming air. Installs securely via a silicone coupler and sturdy bracket. Kit includes pre-filter element.

NOTE: It will be necessary to upgrade your stock pump impeller to a steeper pitch when using our Power Filter Kit. Sea-Doo and RIVA both strongly recommend the use of premium octane (91+) pump fuel in your Supercharged watercraft.

Description	Part No.
RIVA Power Filter Kit, RXP/RXT (2005-10), RXP-X 255 (2008-11)/RXT-X 255 (2008-10), GTX-SC (2005-09)	RS13050-06
Power Filter Kit GTX-SC (2003) only	RS13050-03
Power Filter only for RS 13050-03/06	RS13050-2
Pre-Filter Only for RS13050-2	RS13050-PF-BLK



INTAKE MANIFOLD UPGRADE KIT 255/260

RIVA's Intake Manifold Upgrade Kit enables your engine to produce more horsepower through increased boost pressure (+1lb). Supplied hole cutting tool allows easy removal of restrictive screen element from inside of intake manifold. Special O-ringed, billet block-off plug with integrated fitting for aftermarket boost pressure gauge fills opening left after removal of screen element. Includes detailed installation instructions. NOTE: RIVA's testing has determined the stock ECU will compensate for the increased boost provided by RIVA's Intake Manifold Upgrade Kit.

Description	Part No.
RIVA Intake Manifold Kit, RXP-X/RXP-X 255/260	RS12080-IMUK



RIVA SEA-DOO POWER FILTER KIT

RIVA's Power Filter Kit draws cold air from outside your engine compartment delivering awesome performance and eliminating power-robbing heat intake. Forward air intake is separated from hot engine compartment with rigid thermal bulkhead that installs between engine & fuel tank. Cold air is delivered to engine via large 4" smooth-bore ducting that is attached to supercharger with unique velocity stack and sturdy billet clamps. Requires use of RIVA Catch Can/Oil Breather System (part# RS19050-BCC).
IJSBA legal for all classes.

Note: RXT-X260 2011 & newer models require Tank Strap Upgrade Kit (part # RS13100-TSUK).

Description	Part No.
RIVA RXT-X 260 (2010-11) (non iS/aS) Power Filter Kit	RS13100
RIVA RXP-X 260 (T3) 2012 Power Filter Kit	RS13110



RIVA SEA-DOO RXT/GTX IS/AS POWER FILTER KIT WITH SUSPENSION MODEL

Delivers greatly improved acceleration and top speed increase by replacing the restrictive stock intake system. The Power Filter® dramatically increases air flow to your supercharger via a large 4" diameter intake duct and oversized K&N filter element. Ducting is precision formed from a race proven composite that will not conduct heat to incoming air. Installs securely to supercharger via a tapered velocity stack, silicone coupler and stainless steel clamps. Includes pre-filter element.

Description	Part No.
Sea-Doo Power Filter RXT iS&aS, GTX iS&aS	RS13100-S



RXP/RXT CATCH CAN/OIL BREATHER SYSTEM

Easy to install catch can/oil breather eliminates power-robbing crankcase fumes and oil vapor from your engine's air intake. Increases horsepower by removing the engine's requirement to burn relatively non-combustible oil. Also improves intercooler efficiency by preventing the oil sludge coating that lowers thermal efficiency. Excess oil vapor is routed to our translucent catch can where it condenses and collects for occasional draining via integrated petcock valve. Kit includes K&N breather, Sea-Doo mounting bracket, hardware & instructions.

Description	Part No.
RIVA Catch Can Breather Kit, RXP 215, RXT 215, RXP-X 255, RXT-X 255, GTX 4-TEC, RXP-X 260 (T3) All RXT & GTX Non-Suspension Models (S3 Fixed Deck), Does Not Fit Suspension Deck 3 Models	RS19050-BCC

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RIVA GEN-2 SUPERCHARGER IMPELLER 215HP

Presenting the ultimate (drop-in) performance supercharger impeller for the Sea-Doo 215hp engine! Working closely with Vortech Engineers, RIVA developed the next generation high-performance replacement impeller that delivers 9lbs of boost @ 8,100rpm in RIVA Stage II applications. Produces more horsepower and torque throughout the RPM range resulting in excellent acceleration & top speed. Investment cast from an extremely strong, lightweight proprietary luminum and CNC machined to ensure exact tolerances. All new blade design is optimized aerodynamically and precision balanced to deliver smooth operation. Installs easily into stock supercharger housing with no additional modifications required. Includes replacement mounting nut and detailed installation instructions.

**Note: It will be necessary to upgrade your stock pump impeller to a steeper pitch when using the Gen-2 Supercharger Impeller. Sea-Doo and RIVA both strongly recommend the use of premium octane (91+) fuel in your Supercharged PWC.*

Description	Part No.
RIVA SC Impeller, all RXP 215/RXT 215/GTX-SC	RS1750-001B
RIVA Supercharger Impeller Nut	RS1750-001A-N



RIVA SEA-DOO 255/260 XX-CHARGER

RIVA's new XX-Charger delivers 14.5 psi of boost pressure producing arm wrenching acceleration and increased top speed. High performance impeller, spacer & front housing combo increase horsepower through superior Vortech impeller blade design and larger interior housing volume. Impeller features a sophisticated blade design that is precision balanced to deliver smooth operation. Housing, spacer & impeller install quickly and easily onto stock supercharger base plate. Includes detailed installation instructions.

Requires RIVA Pro-Series ECU, RIVA Pro-Series Fuel Injectors (50lb) & RIVA Fuel Pressure Regulator Kit for correct calibration.

SPECS: 137mm with .060 housing spacer.
- 13.5psi @ 8,100rpm
- 14.5psi @ 8,500rpm

Description	Part No.
RIVA Sea-Doo 255/260 XX-Charger	RS17080-IH-137-060



RIVA SEA-DOO 215/255/260 XXX-CHARGER

Presenting the ultimate performance supercharger for Sea-Doo 215/255/260 engines! The all new RIVA XXX-Charger is a complete supercharger assembly featuring a sophisticated, lightweight 140mm Vortech impeller that is precision balanced to deliver smooth operation, a billet spacer, machined front & rear housings and RIVA Heavy Duty Clutch Washers. Increase interior volume produces huge performance gains delivering 15.5psi @ 8,500rpm.

Each RIVA XXX-Charger is hand assembled in-house using Genuine BRP shaft, bearings & hardware. Installs quickly in place of OEM supercharger. Includes detailed installation instructions.

Requires RIVA Pro-Series ECU, RIVA Pro-Series Fuel Injectors (50lb) & RIVA Fuel Pressure Regulator Kit for correct calibration.

SPECS: 140mm with .060 housing spacer.
- 14psi @ 8,100rpm
- 15.5psi @ 8,500rpm

Description	Part No.
RIVA Sea-Doo 215/255/260	RS17050-SC-140-060



R&D SUPERCHARGER SLEEVE

The sleeving up of the diameter of the Supercharger enables a 3.5" or 4" intake filter system to be utilized. The larger intake increases cubic air volume as well as decreases air inlet restriction. A win win, supercharge your supercharger and give it more air! Available in 3.5" and 4" diameters. Fits all Supercharged 4-Tec Models.

Description	Part No.
R&D Supercharger Sleeve 3-1/2" Diameter	613-95035
R&D Supercharger Sleeve 4" Diameter	613-95040

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NEW



SEA-DOO 255/260
C3 MONSTER CHARGER WHEEL

More Boost and Horsepower is on its way with the new R&D Monster Power Supercharger Impeller Wheel Kits. The R&D engineering staff has been developing a complete line of supercharger impeller wheels that actually deliver the power and boost pressures we promise. Each Monster Impeller wheel will come complete with a statistical data sheet graphing the RPM/boost pressures that the wheel produces, eliminating the mystery behind the supercharger.

Balancing Information:
R&D Monster Compressor Wheels for 255 H.P. 4 Tec engines have been precision mass center balanced in the preliminary casting/machining operations process, and precision two plane balanced after the final machining processes. The balance tolerances on the R&D Monster Wheels are held to a much stricter and tighter tolerance over O.E.M. or aftermarket wheels. Your R&D compressor wheel may have small balancing grooves machined in the blade channels of the wheel in some areas. This procedure is part of the mass center balancing process. The small grooves do not in any way impede or hinder the compressor wheels ability to efficiently pump or compress air. The R&D precision two plane balanced compressor wheels will perform perfectly and smoothly at 180,000-200,000 rpm's as the wheels have been blueprinted and balanced to stringent turbocharger specifications, even though the wheel will only spin at 46-48,000 rpm's in the Rotax engine at 8,000 crankshaft rpm's. R&D has gone the extra mile in the balancing process of the Monster Wheels as higher balancing standards will add significantly to the service life and performance of Rotax's vulnerable and temperamental clutch system. Precision balancing will significantly increase bearing life, promote better clutch performance, extend clutch life through decreased clutch slippage, and increase horsepower performance.

- Better throttle response, increased horsepower
- Increased boost pressure
- Increased mass airflow
- Precision two plane balanced (less vibration)
- Balance specifications (turbo specs .012-.027 gram inches)
- Increased bearing life
- Increased clutch life
- Improved clutch performance

Description		Part No.
R&D Sea-Doo 255/260 C3 Monster Charger Wheel	NEW	613-94014

NEW



SEA-DOO 255/260
C15X BILLET WHEEL & HOUSING

- Improved throttle response, increased overall power
- Increased boost pressure up to 15-16 lbs. (boost will vary depending on cam spec data)
- 30-40 horsepower increase over stock (depending on cam spec data) (more with R&D Pro Cooler)
- R&D ECU R4 Series Programming REQUIRED (Specify rev limiter and fuel type)
- R&D Rising Rate Fuel Pressure Regulator REQUIRED

Description		Part No.
R&D Sea-Doo 255/260 C15X Billet Wheel & Housing	NEW	613-94015

NEW

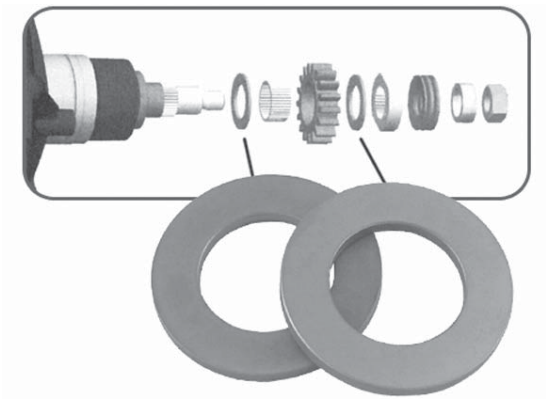


SEA-DOO 255/260
C16X BILLET WHEEL & HOUSING

- Improved throttle response, acceleration and top speed
- Increased boost pressure up to 16 lbs. plus (boost will vary depending on cam spec data)
- 40-50 horsepower increase over stock (depending on cam spec data)
- R&D ECU reprogramming REQUIRED (Specify rev limiter and fuel type)
- R&D Rising Rate Fuel Pressure Regulator REQUIRED
- R&D Fuel Injectors & Fuel Pump REQUIRED
- 91 Octane pump gasoline & race gasoline ECU programs available

Description		Part No.
R&D Sea-Doo 255/260 C16X Billet Wheel & Housing	NEW	613-94016

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RIVA HEAVY-DUTY SUPERCHARGER CLUTCH WASHERS

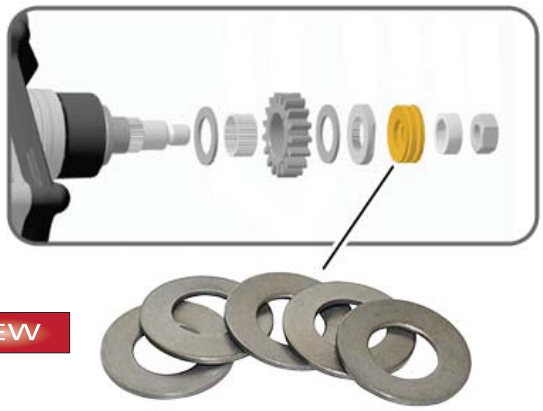
These are direct replacements for the original clutch washers that are prone to fail on modified engines. Precision machined from tool grade steel to increase durability. Will not break up and damage engine at end of service life.

Description	Part No.
RIVA Clutch Washers (04-05) RXP, RXT, GTX SC	RS1751-HDW-945
RIVA Clutch Washers (06-07) RXP, RXT, GTX SC	RS1751-HDW-946*

**Note: RS1751-HDW-946 must be used with 2006 style Sea-Doo OEM Supercharger shaft Part #420881946*

Description	Part No.
RIVA Clutch Washers (08 & Newer) 255HP RXP-X, RXT-X & 215HP RXP, RXT, GTX-SC, RXP-X 260, RXT-X 260	RS1751-HDW-948

NOTE: BRP recommends that you replace the Supercharger shaft/clutch assembly when servicing your supercharger.
Order part# 420881100 (`08 spec). Requires `08 spec Heavy-duty Clutch Washers (part# RS1751-HDW-948).



NEW

RIVA SD SUPERCHARGER SPRING WASHERS

These are direct replacements for the original spring washers that wear out on modified engines. Precision machined from high quality stainless steel to increase durability. Sold in set of five.

Description	Part No.
RIVA Replacement Spring Washers (2008 & newer models). Sold in set of five. NEW	RS1750-SWP-948



R&D SUPERCHARGER HIGH PERFORMANCE CLUTCH WASHER KIT

The R&D Superclutch Washer Kit was designed to improve reliability without disintegrating under the Sea-Doo superchargers high rpms, heat and is designed to not only but also increase boost by decreasing clutch slippage.

Description	Part No.
R&D Clutch Washer Kit (06-07) RXP/RXT 215*	613-95001
**NOTE: (or any supercharger rebuilt or warranted with a BRP rebuild kit part #420881946 or #420881947) NOTE: BRP#420881946 is for 215 engines, and #420881947 is for 185 engines.*	
R&D Clutch Washer Kit (03-04) GTX 185 S/C, (04-05) RXP 215, (05) RXT 215	613-95002
NOTE: BRP supercharger rebuilt kit installed, upgraded, or warranty updated with the BRP rebuild kits #420881947 (for 185) or #420881946 (for 215), these upgraded superchargers will require R&D PART # 613-95001	
R&D Bronze Alloy Recreational Clutch Washer Kit (08) RXP/RXT 215HP, RXP-X/RXT-X 255HP/260HP	613-95006



R&D SUPERCHARGER ADJUSTABLE CLUTCH WASHER KIT

The R&D High Performance Racing Adjustable Clutch Washer Kit has been developed to offer precision calibration and tuning to the superchargers clutch system. The Adjustable Clutch Kit offers three Clutch Washers and two Spring Washers, both in two different thicknesses that can be "performance specification" installed along with a strategic spring washer "stack" assembly specification to accommodate 8-18 Ft Pounds of torque or 96-216 inch pounds of torque. The wide range of adjustability will accommodate any manufacturers suggested clutch setting specification from old school 215 stock (7 P.S.I.) to 28 pounds of all out racing boost. R&D Clutch Washers are CNC machined from a billet high strength Steel Super Alloy, Heat Treated, and precision ground to final spec. The R&D Clutch Washers are designed to be able to properly slip and wear over time without failing under the stresses of the Sea-Doo superchargers' high RPM's (42,000) and high heat. Kit arrives complete with a specific setup chart diagram displaying how to set the clutch to achieve a specific torque slip setting. Kit also has a torque chart that displays a Foot pound conversion ranging from 6 to 20 pounds. Also, this Kit will retro back and fit all Supercharger models.

Description	Part No.
R&D SC Adjustable Clutch Washer Kit (2008-13) 215/255/260 Rotax Engine	613-95008



R&D SEA-DOO 2008+ SUPERCHARGER CLUTCH SPRING REPLACEMENT/UPGRADE KIT

The R&D Supercharger Clutch Spring Upgrade Kit will directly replace the OEM clutch spring washers with a new high quality spring washer that is .002" thicker than the OEM spring washer. This Kit will upgrade the slip torque tension of the OEM clutch by an added 2 lbs. over stock.

Description	Part No.
R&D SC Clutch Spring Replacement/ Upgrade Kit	613-95011

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NEW



R&D RACING CLUTCH WASHER KIT

The R&D Racing Clutch Washer Kit is a direct replacement kit developed to offer precision calibration and tuning to the superchargers clutch system. R&D Clutch Washers are CNC machined from a billet high strength Steel Super Alloy, Heat Treated, and precision ground to final spec. The clutch washers are made to OEM thickness, and will precisely reproduce Sea-Doo's OEM recommended Factory clutch setting. Improve performance and protect your investment with the R&D Racing Clutch washer kit.

Description		Part No.
R&D Racing Steel Washer Kit	NEW	613-95007
(08 & Newer) RXP/RXT 215HP, RXP-X/RXT-X 255HP/260HP		

NEW



R&D REPLACEMENT SUPERCHARGER CLUTCH GEAR

The R&D 16 Tooth Clutch Gear is a direct replacement for worn or broken OEM clutch gears. Manufactured from billet steel alloy, CNC machined, heat treated, and precision ground to final specification.

Description		Part No.
Sea-Doo (2004-13) 215/255/260	NEW	613-95016
HP Supercharger 16 Tooth Replacement Clutch Gear		



R&D SUPERCHARGER REBUILD TOOLS

R&D has designed custom tools that are essential in the rebuilding process of a Sea-Doo Supercharger. All tools are specific in application and are CNC machined to ensure a precision job.

Description	Part No.
A. Supercharger Holder Tool	613-96005
B. Bearing Puller/Installer Tool	613-96006
C. Seal/Bearing Retainer Torx Wrench	613-96008
D. 215HP 16 Tooth Drive Gear Tool	613-96016
D. 185HP 17 Tooth Drive Gear Tool	613-96017
E. 185HP Clutch drive / Lock Washer Tool	613-96018
E. 215HP Clutch drive / Lock Washer Tool	613-96019

SEA-DOO OEM TYPE SPECIALTY TOOLS

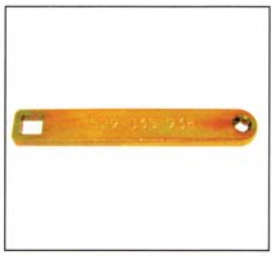
For the removal, repair and installation of Sea-Doo Superchargers.



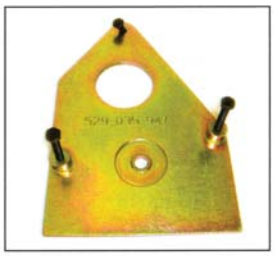
Super Charger Retaining Key
Part No. 950-110
O.E. No. 529-035-949
All 4 Tecs with Super Chargers



4-Pin Socket
Part No. 950-195
O.E. No. 529-035-948
Fits: 4-Tec Supercharged



Torx Adapter For All Super Charged 4-Tecs
Part No. 950-185
O.E. No. 529-035-938
Fits: 4-Tec Supercharged



Support Plate 4-TEC Supercharged Engines
Part No. 950-190
O.E. No. 529-035-947
Fits: 4-Tec Supercharged



Ball Bearing Support Pusher
Part No. 950-200
O.E. No. 529-035-950
Fits: 4-Tec Supercharged



Camshaft Locking tool
Part No. 950-180
O.E. No. 529-035-839
Fits: 4-Tec Engines



RIVA SEA-DOO SUPERCHARGER SHAFT HOLDER TOOL

Servicing your supercharger in a snap. Ergonomically designed billet handle, heat treated tool-grade steel to resist wear and to prevent flexing.

Description	Part No.
RIVA Sea-Doo Supercharger Shaft Holder Tool	RS1750-ISH-949

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A.

Sea-Doo 215



B.

Sea-Doo 255

NEW



C.

Sea-Doo 260

R&D RXP/RXP-X/RXT/RXT-X GTX-SC SUPERCHARGER SURGE PROTECTOR KIT

The R&D Surge Protector Kit will significantly improve supercharger clutch and compressor wheel performance and reliability by eliminating compressor surge. Compressor surge is defined as the negative charge of pressure that causes turbulence in the supercharger that occurs during aggressive of off-throttle operations. When the throttle valve is abruptly closed at high rpms, the engine decelerates quickly down from 8,000 rpms, however the supercharger is compressing air (creating boost) as the supercharger has to decelerate from 42,000 rpms. This turbulence is the primary cause of undue stress on the supercharger clutch system and its components. The R&D surge protection kit utilizes an automotive vacuum assisted Bosch pressure blow off valve that automatically releases the unwanted intake pressure between the closed throttle valve and the supercharger. As soon as the throttle valve is opened, the blow off valve immediately closes and the compressor can supply its full boost potentials to the engine.

Manufactured from high-temperature silicone hose with an integrated molded riser for the blow off valve to function without hindering intake flow or velocity. The R&D kit Installs easily in place of the OEM rubber intake elbow joint. This kit is a very necessary and cost effective up-grade for all Sea-Doo supercharged watercraft. Kit comes completely assembled with silicone elbow, blow off valve, R&D B.O.V. filter, mounting hardware and instructions.

Description		Part No.
A. R&D RXP 215, RXT 215, GTX-SC SC Surge Protector Kit		613-95003
B. R&D RXP-X 255, RXT-X 255 SC Surge Protector Kit		613-95255
C. R&D RXP-X 260, RXT-X 260, GTR 215 SC Surge Protector Kit	NEW	613-95258

NEW



D.

Valve only

NEW



E.

BOV Kit

R&D/TIAL 50MM SURGE PROTECTOR

R&D now offers the Ultimate Sea-Doo Surge Protector Kit. The new R&D/Tial 50mm kit works in the same fashion as our entry level surge kit, except its flow capacity is greatly increased. The 50mm diameter with its 6 exit port design releases compressor surge much quicker and more efficiently than any other system available. This means less wear and stress on the supercharger clutch. Compressor surge is defined as the negative charge of pressure that causes turbulence in the supercharger that occurs during aggressive of off-throttle operations. When the throttle valve is abruptly closed at high rpms, the engine decelerates quickly down from 8,000 rpms, however the supercharger is compressing air (creating boost) as the supercharger has to decelerate from 42,000 rpms. This turbulence is the primary cause of undue stress on the supercharger clutch system and its components. The R&D surge protection kit utilizes an automotive vacuum assisted pressure blow off valve that automatically releases the unwanted intake pressure between the closed throttle valve and the supercharger. As soon as the throttle valve is opened, the blow off valve immediately closes and the compressor can supply its full boost potentials to the engine.

The R&D kit installs into the OEM intake hose, but for optimum performance, use the R&D Straight Shot Intake Hose (Pt. #613-95257). This kit is a very necessary and cost effective up-grade for all Sea-Doo supercharged watercraft. Kit comes complete with mounting hardware and instructions. For easy vacuum line hook-up use R&D Multi-Port Adaptor (Pt. #613-95270).

Description		Part No.
D. R&D/Tial 50mm BOV Valve only		613-95263
E. R&D/Tial 50mm BOV Kit	NEW	613-95259

NEW



R&D MULTI-PRESSURE PORT BOOST GUAGE/SURGE/RRFPR ADAPTOR KIT

The R&D Sea-Doo Multi-Pressure Port Adaptor Kit will allow quick and easy "BOLT ON" installations of Rising Rate Fuel Pressure Regulators, Tial/Greddy type surge valves, as well as digital or manual boost/vacuum gauges. The R&D Multi-Pressure Port Adaptor installs smartly between the OEM Map Sensor and the Sea-Doo intake manifold as a "bolt on" part with no drilling modifications. The R&D adapter has two large volume ports that allow for proper installation and operation of a vacuum/boost gauge, surge protection valve, and boost referenced fuel pressure regulator (RRFRP) all at the same time with one simple part. The R&D Pressure Port Adaptor Kit comes complete with all mounting hardware and instructions.

Description		Part No.
R&D Multi-Pressure Port Boost Guage/Surge/RRFPR Adaptor Kit	NEW	613-95270

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Sea-Doo 255
*Kit includes 2 clamps

R&D RXP-X/RXT-X 255 SILICONE INTAKE HOSE KIT

The R&D Supercharger High Performance Hose Kit was developed while testing the R&D Monster Compressor Wheel Kits. Higher boost pressures create higher intake air temperatures of up to 235 degrees. The O.E.M. standard black rubber hose and standard hose clamps just do not hold up to the pressures and heat like high quality, high temperature silicone hose and high strength stainless steel style hose clamps. The R&D "Blue Hose" is manufactured from high performance, turbo charger quality high temperature silicone.

Description	Part No.
R&D RXP-X/RXT-X 255 Silicone Intake Hose Kit	613-95256

NEW



R&D STRAIGHT SHOT INTAKE HOSE KIT FOR RXP-X 260

The R&D High Flow "Straight Shot" Intake kit is designed to offer straight and direct flow of the intake air from the intercooler into the throttle body without turns or restriction. The direct air flow increases air speed to the throttle body and intake plenum promoting improved throttle response and acceleration performance throughout the entire RPM range.

Note: R&D Free Flow Exhaust Kit (Part #333-80258) required to install Straight Shot Intake Hose Kit.

Description		Part No.
R&D RXP-X 260 Straight Shot Intake Hose Kit	NEW	613-95257
R&D RXP-X 260 Free Flow Exhaust Kit	NEW	333-80258



RIVA SEA-DOO 215 SUPERCHARGER BLOW-OFF VALVE KIT FOR OEM ELBOW JOINT INSTALLATION

RIVA's Blow-off Valve Kit improves supercharger reliability and performance by relieving unwanted pressure during off-throttle operation. Reduces supercharger clutch wear and eliminates heat soak in the discharge tube. High-strength silicone hose with integrated blow-off valve installs easily in place of OEM elbow joint. Includes K&N filter to prevent debris from entering valve outlet. A simple and cost effective upgrade for both stock and modified supercharged engines. Includes all necessary mounting hardware and installation instructions.

Description	Part No.
Blow-Off Valve Kit SD 215 RXP/RXT/GTX-SC	RS1750-BV

RIVA PERFORMANCE BLOW-OFF VALVE KIT

Blow-off Valves help reduce wear and tear on clutch & drive gears of superchargers and eliminate heat soak in discharge tubes. See application chart below.

RIVA Kit Application Chart:
- 255hp Sea-Doo Stage II & above: Pro-Series Blow-off Valve Kit (part# RS17081-BOV-SSQV)*
- 215hp Sea-Doo Stage III & above: Pro-Series Blow-off Valve Kit (part# RS17081-BOV-SSQV)*
- 215hp Sea-Doo Stage I & II applications: Performance Blow-off Valve Kit (part# RS17080-BV-PFV)**



HKS SSQV BLOW-OFF VALVE KIT

High quality HKS Blow-Off Valve reduces wear and tear on clutch & drive gears of supercharger and eliminates heat soak in the discharge tube. For use with RIVA Sea-Doo Power Cooler Kits. HKS Super SQV (Super Sequential Blow Off Valve) features unique sequential valve structure and a differential pressure control system, allowing for a broad operation boost range. Includes vacuum line fittings necessary for installation.

Description	Part No.
HKS SSQV Blow-Off Valve Kit	*RS17081-BOV-SSQV



RIVA PERFORMANCE BLOW-OFF VALVE KIT

For use with RS17080-ICUK or RS1751-PC-1 Kits installed on 215hp Sea-Doo Stage I & II applications.

Description	Part No.
RIVA Performance Blow-Off Valve Kit	**RS17080-BV-PFV



RIVA SEA-DOO 215/255 BLOCK-OFF KIT, SEA-DOO BLOW-OFF VALVE

For use with RS17080-ICUK or RS1751-PC1 Kits.

Description	Part No.
RIVA Sea-Doo 215/255 Block-Off Kit, Sea-Doo Blow-Off Valve	RS1750-BVBO

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RIVA SEA-DOO 'GEN-3' POWER COOLER CORE

RIVA's 'GEN-3' Power Cooler is the ultimate intercooler for high performance Sea-Doo engines! All new extruded cooler core design delivers excellent thermal efficiency and minimal pressure drops. Perfect for use in high boost supercharged and turbo applications. Precision machined billet water tanks hold up to high pressure cooling systems that can cause original coolers to fail. This is a direct high performance replacement for all Sea-Doo external intercoolers. Requires use of RXP-X/RXT-X 260 intercooler tubing upgrade kit (RS17090-TK).

Key Features Include:
- Cooler & denser air charge produces more horsepower.
- Large cooler element rated for 450HP.
- Replaceable sacrificial zinc anode protects cooler element from corrosion.
- Integrated flushing system keeps Power Cooler at peak performance.

APPLICATIONS:
- Direct replacement for smaller OEM 2011-12 external intercoolers.
- Direct replacement for all OEM 2010 and prior external intercoolers.
- Compatible upgrade for RIVA 'GEN-2' Power Cooler Kit (RS1751-PC).

Description	Part No.
RIVA SD 'Gen-3' Power Cooler Core 255/260	RS1752-PC-I

See next page for intercooler tubing upgrade tubing kit

NEW





RIVA UNIVERSAL PWC FILTER KIT

RIVA's Universal Water Filter/Strainer Kit protects your intercooler from damage & reduced efficiency due to waterborne debris such as sand, seaweed, grass and pebbles that are sucked into the cooling system. Oversize "Super Strainer" mounts easily inline with cooling system and features clear filter cup for quick visual inspection. Kit includes large high quality marine strainer, stainless steel mounting bracket and a selection of adapter fittings to match Sea-Doo, Yamaha & Kawasaki applications.

Description		Part No.
RIVA Water Filter/Strainer Kit	NEW	RY1013-SDF-UK



The 2013 GreenHulk.net US HydroDrag Nationals and RIVA Racing HydroDrag World Finals

Presented by RIVA Racing, Hydro-Turf, Jet Pilot, Exotic Signs, Vortech, Lacey Powersports. Lake County and the City of Tavares will feature three events… Tavares, West Palm Beach County, and Tampa in their first full season.

Each HydroDrag show will have Championships in every Sea-Doo Speed Alley Class, all HydroDrag Classes, the Blowsion Flatwater Freestyle Competition, and the Official IJSBA/Waterfrontoo Slalom Championships. Points will be accumulated throughout the three US National Championships, with the final round in Tampa worth double points.

The RIVA Racing HydroDrag World Finals will be held on November 2-3, in Polk City, Florida for the 4th consecutive year and will be held at Lake Grew, located behind the USA Water Ski Hall of Fame.

For more event info, please visit GreenHulk.net, RIVARacing.com, IJSBA.com or the RIVA Racing HydroDrag Facebook page.

HydroDrag Racing Promotions

2013 Events Schedule

June 1-2 Tavares, FL — *GreenHulk.net US HydroDrag Nationals* Round #1/PWC Week

August 24-25 WPB Co. — *GreenHulk.net US HydroDrag Nationals* Round #2

Sept 28-29 Tampa, FL — *GreenHulk.net US HydroDrag Nationals* Round #3***

Nov 2-3 Polk City, FL — ***RIVA Racing HydroDrag World Finals***

****denotes double points event*



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RIVA OEM INTERCOOLER UPGRADE KIT 255HP

RIVA intercooler Upgrade Kit for the new RXP-X & RXT-X relocates the original intercooler and significantly improves efficiency of the system with upgraded components.

Key benefits include:
• Relocation of original intercooler: By strategically moving original intercooler, we have greatly improved access to engine compartment. Relocation also allows installation of key performance parts including RIVA Rear Exhaust Kit (RS15050-1) & RIVA Pro-Series Power Filter Kit (RS13056).

• Precision formed aluminum tubing: The high strength aluminum tubes are shorter than original to minimize boost loss. Also, the rigid aluminum will not swell under pressure like original soft rubber hoses providing improved throttle response.

• Integrated blow-off valve mount: Intercooler tubing includes mount for RIVA Pro-Series Blow-Off Valve Kit (RS17081-BOV-SSQV) or RIVA Blow-Off Valve Block-off Kit (RS17050-BVBO); both sold separately. Kit includes sturdy aluminum intercooler mounting bracket, high strength mandrel bent aluminum tubing and all necessary mounting hardware & installation instructions. Requires installation of RIVA Rear Exhaust Kit (RS15050-1) and RIVA Performance OPAS Block-off Kit (RS29050-1).

Description	Part No.
RIVA RXP-X 255 (2008-11), RXT-X 255 (2008-10) Stock Intercooler Upgrade Kit	RS17080-ICUK



RIVA SEA-DOO RXP-X/RXT-X 260 INTERCOOLER TUBING UPGRADE KIT

RIVA's Intercooler Tubing Upgrade Kit significantly improves the performance & reliability of your intercooler system. This is an essential upgrade for all racing and recreational performance craft.

Key features include:
• Precision formed aluminum tubing: High strength aluminum tubes are shorter than original to minimize boost loss. Rigid aluminum will not swell under pressure like original soft rubber hoses providing improved throttle response & reliability.
• Integrated blow-off valve mount: Intercooler tubing includes mount for HKS Blow-Off Valve Kit (RS17081-BOV-SSQV) or RIVA Blow-Off Valve Block-off Kit (RS1750-BVBO); both sold separately. Use of blow-off valve reduces wear and tear on clutch & drive gears of supercharger and eliminates heat soak in discharge tube.
• High quality silicone couplers & stainless steel clamps.

Fits all 09-12 Sea-Doo craft with S3 hulls (RXT/GTX S3 models) along with 2012 RXP-X 260 T3 hull. Requires use of RIVA 'GEN-3' Power Cooler (part# RS1752-PC-I) or OEM 2008-10 Sea-Doo 255/260 intercooler. Not compatible with smaller 2011 and newer OEM intercoolers.

Description	Part No.
RIVA RXP-X 260, RXT-X 260 Intercooler Tubing Upgrade Kit (S3 & T3 Hull)	RS17090-TK

IWCS





SEA-DOO INTERCOOLER/SUPERCHARGER LUBRICATION KIT

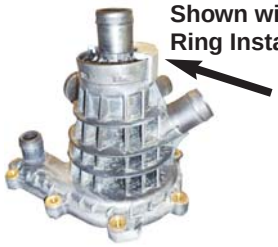
This kit will allow you to spray a aerosol lubricant of your choice into the supercharger, intercooler and throttle body to prevent rust from the excess moisture in the system. Complete instructions, pictures and a diagram supplied for a simple installation.

Description	Part No.
A. Sea-Doo Spray Nozzle Inlet for Lubrication	IWCS-SSU
B. Replacement Plug for Nozzle Inlet Kit	IWCS-SU-P

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NEW





R&D ENGINE THERMOSTAT & INTERCOOLER COOLING KIT

The R&D Thermostat/Intercooler/Engine Cooling Kit is one stop shopping to solve several big issues with the O.E.M. cooling system. Engine temperatures on a RXP 260 engine with performance upgrades can reach 190-195 degrees with the stock cooling system. The R&D Kit changes out the stock thermostat for a new cooler 160 degree thermostat. The R&D Kit also separates and re-routes the "intercooler out" and "engine out" water lines to allow less restriction and more water to flow through both the engines exhaust system and the intercooler which will promote cooler exhaust temperatures as well as reduce intake air temperatures. The R&D Kit also includes two new 1/2 inch water bypass fittings for the intercooler in and out lines, one to be used with the kit included high pressure relief valve, and one for the new intercooler water out line. The R&D "high pressure" relief valve will protect the intercooler from being broken due to high water pressure spikes. Cooler engine temperatures, cooler intake air temperatures, and cooler exhaust temperatures all add up to a noticeable RPM and top speed gain.

Description		Part No.
R&D Thermostat & Intercooler Cooling Kit	NEW	663-15000

NEW



R&D ENGINE THERMOSTAT KIT

The R&D Engine Thermostat Kit is designed to lower the engine operating temperature. Engine temperatures on a Sea-Doo 260 engine with performance upgrades can reach 190-195 degrees with the stock cooling system. The R&D Kit changes out the stock thermostat for a new cooler 160 degree thermostat. Cooler engine temperature adds up to a noticeable RPM and top speed gain. Kit comes complete with installation tool.

Description		Part No.
R&D Engine Thermostat Kit	NEW	663-15010



RIVA SEA-DOO BVIC INTAKE BLOCK-OFF

Made from billet aluminum, RIVA's block-off plate fills the opening in the 215 intake manifold left when the stock intercooler is removed. Integrated fitting allows for use of aftermarket boost gauge. Includes Viton o-ring and is anodized to prevent corrosion.

Description	Part No.
RIVA BVIC Intake Block-off	RS1750-PC-ABBO



THERMOSTAT KIT COMPONENTS



THERMOSTAT KIT INSTALLED

RIVA RXP/RXT/GTX THERMOSTAT KIT

RIVA's cool running Thermostat Kit reduces the operating temperature of your modified 4-Tec® engine by 30°F for maximum reliability and performance. Kit includes replacement thermostat, billet coolant inlet flange, stock thermostat removal tool, Oetiker® clamps, Oetiker® pliers and detailed installation instructions. **NOTE: Thermostat housing (shown above) not included.*

Description	Part No.
RIVA Thermostat Kit, SD RXP/RXT/GTX	RS1015

SEA-DOO MODEL-HULL REFERENCE CHART

Model	Year	SC*	Hull	Notes
GTI 130	2006-10	N/A	GTI-1	Version 1 of 4-TEC GTI hull
GTI 130	2011-13	N/A	GTI-2	Version 2 of 4-TEC GTI hull
GTI LTD 155	2011-13	N/A	GTI-2	Version 2 of 4-TEC GTI hull
GTI SE 155	2007-10	N/A	GTI-1	Version 1 of 4-TEC GTI hull
GTI SE 155	2011-12	N/A	GTI-2	Version 2 of 4-TEC GTI hull
GTI SE 130	2006-10	N/A	GTI-1	Version 1 of 4-TEC GTI hull
GTI SE 130	2011-13	N/A	GTI-2	Version 2 of 4-TEC GTI hull
GTR 215	2012-13	SC	GTI-2	Version 2 of 4-TEC GTI hull Supercharged 215hp 1503 engine
GTS 130	2011-13	N/A	GTI-2	Version 2 of 4-TEC GTI hull
GTX 155	2005-09	N/A	GTX-1	Original 4-TEC GTX hull
GTX 155	2010-13	N/A	S3	S3 with iBR
GTX 4 TEC	2002-04	N/A	GTX-1	Original 4-TEC GTX hull
GTX 4-TEC SC	2003-04	SC	GTX-1	Original 4-TEC GTX hull
GTX 4-TEC TOW	2003-04	N/A	GTX-1	Original 4-TEC GTX hull
GTX SC 215	2005-06	SC	GTX-1	Original 4-TEC GTX hull
GTX 215	2008-10	SC	GTX-1	Original 4-TEC GTX hull
GTX 215	2011	SC	S3	S3 with iBR
GTX IS 215	2010-11	SC	S3	S3 with iBR
GTX 215	2012-13	SC	S3	S3 with iBR
GTX 255	2004	SC	GTX-1	Original 4-TEC GTX hull
GTX LTD 215	2005-08	SC	GTX-1	Original 4-TEC GTX hull
GTX IS 255	2009	SC	S3	S3 with iBR
GTX LTD 260	2010-13	SC	S3	S3 with iBR
GTX S 155	2012-13	N/A	S3	S3 with iBR
RXP 155	2007-08	SC	RXP-1	Original RXP hull short intake duct
RXP 215	2004-10	SC	RXP-1	Original RXP hull short intake duct
RXP-X 255	2008-11	SC	RXP-2	Original RXP hull longer intake duct
RXP-X 260	2012-13	SC	RXP-3	All new 260hp, T3 and iBR
RXT 215	2005-10	SC	GTX-1	Original 4-TEC GTX hull
RXT-X 255	2008-10	SC	GTX-1	S3 with iBR
RXT iS 255	2009	SC	S3	S3 with iBR
RXT iS 260	2010-12	SC	S3	S3 with iBR
RXT 260	2011-13	SC	S3	S3 with iBR
RXT-X aS 260	2011	SC	S3	S3 with iBR
RXT-X aS 260	2012-13	SC	S3	S3 with iBR NEW: bow stabilizers adjustable rear sponsons & adjustable trim tabs.
RXT-X 260	2011-13	SC	S3	S3 with iBR
WAKE 155	2005-09	N/A	GTX-1	Original 4-TEC GTX hull
WAKE 155	2010	N/A	GTI-1	Version 1 of 4-TEC GTI hull
WAKE 155	2011-13	N/A	GTI-2	Version 2 of 4-TEC GTI hull
WAKE 215	2007-10	SC	GTX-1	Original 4-TEC GTX hull
WAKE 215	2011-13	SC	S3	S3 with iBR

SC = Supercharged, N/A = Naturally Aspirated

iBR = Intelligent Brake & Reverse. It's the system at the rear of the craft that works the brake bucket, reverse bucket and variable trim system.

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R&D 215HP RXP/RXT EXHAUST MANIFOLD X-TENDER KIT



The R&D Exhaust X-Tender Kit allows the exhaust to be extended 1.5 inches which will move the water muffler back 1.5 inches creating enough room to be able to change out a supercharger (Hot) in 5 minutes. No more hassling with extremely hot exhaust pipes, water mufflers and V-band clamps! The X-TENDER kit installs easily using an additional V-band clamp. Install the R&D Exhaust X-TENDER kit in place and never hassle a supercharger change out again. The R&D kit will install directly to all RXT/RXP/GTX supercharged model Sea-Doo's using O.E.M. BRP hardware.

Description	Part No.
R&D Manifold Exh X-Tender Kit RXP, RXT 215HP	613-95004

R&D RXP-X/RXT-X EXHAUST MANIFOLD X-TENDER / 02 SENSOR MOUNT KIT



The R&D Exhaust X-Tender Kit allows the exhaust to be extended 2 inches which will move the water muffler back 2 inches creating enough room to be able to change out a supercharger (Hot) in 5 minutes. No more hassling with extremely hot exhaust pipes, water mufflers and V-band clamps! An additional bonus is the oxygen sensor mount incorporated into the X-Tender, allowing quick and easy installation of an AFR Gauge (Air/Fuel Ratio) for properly tuning the X power plant. The X-Tender kit installs easily using an additional OEM V-band clamp. The R&D kit will install directly to all Sea-Doo X supercharged models using O.E.M. BRP hardware. You will need to purchase an extra OEM V band clamp. One is not provided.

Description	Part No.
R&D Exhaust Manifold X-Tender / O2 Sensor Mount Kit RXP-X, RXT-X	333-80155

R&D BILLET EXHAUST OUTLET



Description	Part No.
R&D 3" Diameter R&D Billet Exhaust Outlet	331-30000
R&D 2.75" Diameter R&D Billet Exhaust Outlet	331-32750

R&D HIGH TEMPERATURE SILICONE COUPLINGS



Description	Part No.
3" - 3" High Temp Silicone Couplings	061-30030
3" - 2" Reducer High Temp Silicone Couplings	061-32500
2.75" - 2.5" Reducer High Temp Silicone Couplings	061-32501
3" - 2.75" Reducer High Temp Silicone Couplings	061-32750

R&D RXP-X/RXT-X 255HP MODEL FREE-FLOW EXHAUST



The new R&D Free-Flow Exhaust Kit eliminates the power robbing sound suppression system allowing the exhaust to travel out of the water box with zero restriction and back pressure. Improves acceleration and top speed.

Description	Part No.
R&D RXP-X/RXT-X 255HP Model Free-Flow Exhaust	333-80255

NEW





R&D RXP-X 260 (2012) FREE-FLOW EXHAUST KIT

The new R&D Free-Flow Exhaust Kit eliminates the all plastic power robbing sound suppression system with a opened up and re-routed design allowing the exhaust to travel out of the water box with zero restriction and back pressure. Improves acceleration and top speed Performance averages. The R&D Free Flow Kit is manufactured from oversized CNC precision mandrel bent aluminum tubing and is coupled with High Temperature Silicone Hoses and performance clamps guaranteed to handle higher exhaust temperatures. The R&D kit gives your 260X the performance "Muscle Car" sound it deserves. The R&D kit removes ALL the unwanted plastic exhaust parts.

Description		Part No.
R&D RXP-X 260 Free Flow Exhaust Kit	NEW	333-80258

NEW



RIVA REAR STORAGE BUCKET FOR iS/aS MODELS USING RIVA REAR EXHAUST KIT PART # RS15100-2

The RIVA rear storage tub for Sea-Doo S3 iS & aS models allows installation of RIVA Rear Exhaust Kit (RS15100-2 page 17) or RIVA Pro-Series Water Box (RS16091 page 16). Replaces OEM storage tub creating clearance for performance components while sealing craft from water intrusion.

- Required when installing RIVA Rear Exhaust Kit (RS15100-2) on Sea-Doo S3 iS/aS suspension models.
- Required when installing RIVA Pro-Series Water Box (RS16091) on Sea-Doo iS/aS suspension models hull outlet flange.

Description		Part No.
RIVA Rear Storage Bucket for iS/aS Models.	NEW	RS15090-RSB

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NEW



RIVA PRO SERIES SEA-DOO S3/T3 WATER BOX

Applications: 2012 & Newer Sea-Doo RXP-X (T3) Models
2009 & Newer Sea-Doo RXT/GTX iControl (S3) Models

Important: The following additional RIVA Exhaust Components are required to complete the installation.

- RXT/GTX (S3) iControl Models:
  Aluminum Exhaust Tube RS16091-ET-100
- RXP-X (T3) iControl Models:
  Aluminum Exhaust Tube RS16091-ET-110
- All S3 & T3 Models:
  Billet Rear Exhaust Outlet RS15090-ET

Note: Water Box is not designed or intended to be used with stock rubber exhaust hose and/or stock exhaust outlet.
Note: RS15090-RSB is required for iS/aS SE models. Not required for RXP-X 260 (T3) as there are no storage compartments at rear of craft.

Description		Part No.
RIVA Sea-Doo S3/T3 Models Water Box	NEW	RS16091
RIVA Rear Storage Bucket		RS15090-RSB

NEW



RIVA PRO SERIES SEA-DOO 08 & NEWER WATER BOX

Important Notes: Will directly replace and upgrade RIVA Rear Exhaust Kit (part # RS15050-1) utilizing existing rear exhaust outlet installation. If rear exhaust has not been installed, order the RIVA Rear Exhaust Outlet Coupler Kit (part # RS116082-ECK) and RIVA Rear Exhaust Outlet Kit part # RS15050-ET) to complete the installation.

Requires use of RIVA O.P.A.S. Block-off Kit (Performance or Pro Series).

Description		Part No.
RIVA Sea-Doo 08 & Newer 255/215hp (non iControl) Pro Series Waterbox	NEW	RS16081



RIVA PRO SERIES SEA-DOO 07 & OLDER WATER BOX

Important Notes: Will directly replace and upgrade RIVA Rear Exhaust Kit (part # RS15050-1) utilizing existing rear exhaust outlet installation.

If rear exhaust has not been installed, purchase the RIVA Rear Exhaust Outlet Coupler Kit (part # RS15050-ET) to complete the installation.

Requires use of RIVA O.P.A.S. Block-off Kit (Performance or Pro Series).

Description	Part No.
RIVA Sea-Doo 07 & Older 215hp (non iControl) Pro Series Waterbox	RS16082

NEW



RIVA REAR EXHAUST STOCK OUTLET COUPLER KIT

Used when installing RIVA Pro Series Aluminum Water Boxes in Sea-Doo RXP-X, RXT-X, RXP, RXT & GTX-SC models that have the stock exhaust outlet in place. High temperature silicone coupler and stainless steel hose clamps connect water box outlet tube with thru-hull outlet flange.

Description		Part No.
RIVA Rear Exhaust Outlet Coupler Stock Kit	NEW	RS16082-ECK



RIVA REAR EXHAUST OUTLET KIT FOR AFTERMARKET INTERCOOLER OR WATERBOX

Kit allows you to relocate exhaust outlet to rear of craft when using aftermarket intercooler systems or water boxes. Includes billet through-hull exhaust outlet and OE exhaust outlet block-off along with all necessary mounting hardware.

Description		Part No.
RIVA Rear Exhaust Outlet Kit SD 215/255 Models		RS15050-ET
RIVA Rear Exhaust Outlet Kit SD RXT/GTX (S3) and RXP-X (T3) iControl Models*	NEW	RS15090-ET

S3, T3 Models, Please Check Hull List page 14

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RS16091-ET-100

NEW



RS16091-ET-110

RIVA EXHAUST TUBE FOR RS16091 WATER BOX

Mandrel bent aluminum exhaust tube with bead rolled end couples our Pro Series Water Box (part # RS16091) with our Billet Rear Exhaust Outlet (part # RS 15090-ET). Powder coated to prevent corrosion.

Description		Part No.
For use in 2009 & Newer Sea-Doo RXT/GTX (S3) iControl Models	NEW	RS16091-ET-100
For use in 2012 & Newer Sea-Doo RXP-X (T3) Models	NEW	RS16091-ET-110



RS16090



RS16080

RIVA FREE FLOW EXHAUST KITS FOR OEM INTERCOOLER AND OEM WATER BOX UTILIZING STOCK SIDE EXHAUST OUTLET

Replaces the restrictive sound suppression system located between the water box and hull exit on your watercraft. Improves engine performance by reducing back pressure and harmful detonation. Includes mandrel bent aluminum tubing that is powder coated to prevent corrosion, high-temp silicone replacement coupler and installation instructions.

Description	Part No.
RIVA Free-Flow Exhaust Kit all Sea-Doo Models with All S3 & T3 Hulls including RXT-X 260, iS & aS units, RXP-X260	RS16090
RIVA Free-Flow Exhaust Kit RXP-X, RXT-X 255 (08-11)(non iControl)	RS16080



RS15050-1

RIVA REAR EXHAUST KITS FOR OEM INTERCOOLER AND OEM WATER BOX UTILIZING STRAIGHT EXHAUST OUTLET

RIVA's rear exhaust kit delivers performance and cutting-edge style. Allows for removal of restrictive sound suppression system located between water box and hull exit. Improves engine performance by reducing back pressure and restriction. Includes mandrel bent aluminum exhaust tube that is powder coated to prevent corrosion, large billet through-hull exhaust outlet, billet OEM exhaust outlet block-off and high-temp silicone couplers along with all necessary mounting hardware & installation instructions.

- 2008-2011 RXP-X 255 non-iControl
- 2004-2009 RXP 215
- 2008-2009 RXT-X non iControl
- 2003-2010 RXT/GTX 215 non-iControl

Note: Removal of O.P.A.S. and installation of RIVA Performance O.P.A.S. Block-off Kit is necessary to accommodate installation of RIVA Rear Exhaust Kit for all models. RXP-X & RXT-X models require use of OEM Intercooler Upgrade Kit, along with O.P.A.S. Block-off Kit.

Description	Part No.
RIVA Rear Exhaust Kit 255/215hp (non iControl)	RS15050-1



RS15100-2

NEW



- Fits all RXT-X/RXT (S3) fixed deck models with no other modifications.
- RXT/GTX iS & aS (S3) suspension models require additional RIVA Rear Storage Bucket (part # RS15090-RSB, see page 15)

Description	Part No.
RIVA Rear Exhaust Kit Sea-Doo S3 Models	RS15100-2

RS15110



- Fits 2012 & Newer Sea-Doo RXP-X 260

Description	Part No.
RIVA Rear Exhaust Kit RXP-X 260 (T3)	RS15110

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RIVA SEA-DOO PRO-SERIES ECU

RIVA's Pro-Series Racing ECU delivers a huge performance advantage to the Sea-Doo 255 & 215 Supercharged Intercooled engines. ECU is calibrated for Stage II & III applications and must be used with RIVA Pro-Series 50lb Fuel Injector Kit, RIVA Valve Train Upgrade Kit and 91+ octane pump fuel. Plugs directly into factory wiring harness in place of stock ECU.

Key Benefits Include:

- Performance Fuel Mapping: Delivers optimal fuel required for your specific level of modification (Stage II or III) based on boost pressure.
- Performance Timing Curves: Special racing curves produce more power throughout the RPM range. Timing is automatically adjusted based on sensor input.
- Rev Limiter Increase: Stock rev limit has been increased from 8,300 to 8,650 RPM. With the recommended pump combination, engine RPM can be run higher producing more boost pressure and horsepower.
- Practice Key: In addition to normal "full power" key, a 60 MPH "practice" key can be programmed by BRP dealer BUDS system to limit speed for racecourse practice. ECU does not support original "learning" key mode.
- Retains Engine Diagnostic & Primary Safety Functions:
  1) Provides diagnostic information displayed on dash instrumentation along with more detailed data through BRP dealer BUDS. system.
  2) Sensor input is monitored for abnormal readings and will react by triggering warnings and/or limp mode.

**NOTE: This product is for competition use only. Must be used with RIVA Pro-Series 50lb Fuel Injector Kit (part #RS12050-I-KIT-50) RIVA Valve Train Upgrade Kit (part # RS19050-VTU) and 91+ octane pump fuel. Unit must be activated in watercraft by an authorized BRP dealer using BUDS system. Activation by RIVA Racing available with customer supplied throttle body. Installation of this racing product will void BRP factory warranty.*

Description	Part No.
RIVA Pro-Series ECU 08 255 RXP-X, RXT-X, 2007-08, 215 RXP/RXT	**RS11850-01-C**
RIVA Pro-Series 50lb Injector Kit SD 255/215	**RS12050-I-KIT-50**
RIVA Sea-Doo 4-Tec (All) Valve Train Upgrade Kit	**RS19050-VTU**



TORX® SOCKET SET FOR SEA-DOO ENGINES

Special Star Sockets for Sea-Doo 4-TEC & DI engine bolts are made from heat-treated vanadium steel and black oxide coated for durability. Supplied in a convenient vinyl socket holder.

- Four 3/8" Drive Sockets (T10, T12, T14, T16)
- Three 1/4" Drive Sockets (T6, T7, T8)

Description	Part No.
Torx Socket Set	**LS26750**



RIVA SEA-DOO SPEED CONTROL OVERRIDE MODULE

The RIVA Speed Control Override Module removes the restrictive GPS speed control function on Sea-Doo iControl models delivering significant increases in top speed with stock ECU. Easy to install module allows system to start in "Sport Mode" for maximum performance. "Touring Mode" can be manually selected after start up.

Key Features:

- Removes GPS controlled speed limiter.
- Increases top speed utilizing stock ECU.
- Works on all 2010 & newer iControl models.
- U.S. models will gain 3mph with aftermarket pump impeller.
  2012 RXP-X 260 models: Stock Pump Impeller
  All 2011-12 RXT & GTX 260 models: SRX-CD-15/20R
  All 2010 RXT & GTX 260 models: SRX-CD-15/22R
- Allows further top speed gains through aftermarket modifications.
- Allows system to start in "Sport Mode".
- All original dash functions are retained.
- Easy plug-in installation.

NOTE: Stock ECU limits peak RPM for first 5 hours of operation. Top speed increases should be measured after 5 hour break in period.

Description	Part No.
RIVA 2010 Speed Control Override Module	**RS11090-SCOM-10**
RIVA 2011-12 Speed Control Override Module	**RS11090-SCOM-11**

NEW



R&D SEA-DOO SPEED CONTROL OVERRIDE MODULE

The R&D Boost Box for 2011-2013 Sea-Doo 260 offers a plug and play way to quickly and easily disconnect the engine management systems internal GPS speed limiter to allow an incredible five mile per hour top speed gain!

The R&D Boost Box allows maximum boost pressure (10 PSI) to be reached by overriding the O.E.M. internal GPS speed control. With 3 pounds of boost pressure over stock settings this will allow the Sea-Doo 260 engine to accelerate better and pull harder in the upper mid range and top end with up to 5 mph speed gain.

The R&D Boost Box is a vital and necessary key to unlocking and adding performance to the new Sea-Doo 260 engine platform. Whether you are a recreational enthusiasts or an offshore racers who is interested in more performance, the Boost Box is an absolute "Must Doo" Upgrade. The R&D Boost Box installs easily in 5 minutes. Also fits on GTR 215 (2012-13).

Description		Part No.
R&D 2011-13 Sea-Doo Boost Box/SCOM	NEW	**803-01001**

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NEW



RIVA/ATHENA SERIES SEA-DOO ICONTROL ECU

The RIVA/ATHENA Pro-Series iControl ECU provides a huge performance advantage to Sea-Doo iControl models delivering over 40hp to the stock 4-TEC engine. ECU is fully programmable with either RIVA supplied mapping or user adjustable parameters. Most calibrations require use 91+ octane pump fuel. Plugs directly into factory wiring harness via waterproof connectors.

Key Features Include:

1) Easy loading of supplied calibrations/maps for various performance applications.
   - Performance Fuel Mapping: Delivers optimal fuel required for your specific level of modification based on boost pressure.
   - Performance Timing Curves: Special racing curves produce more power throughout the RPM range.
   - Rev Limiter Increase: Stock rev limit can been increased so engine RPM can be run higher producing more boost pressure and horsepower.
   - Boost Control for turbo applications. (Plug & play connector for wastegate solenoid).
2) Ability to customize RIVA calibrations for special applications. Using supplied software, user can adjust parameters such as Fuel, Timing, Rev Limiter & Boost Control.
3) Retains all iControl functions.
4) Retains all OEM dash display functions & Engine Safety Functions.
5) Provides diagnostic information that can be displayed via computer interface.
6) Includes plug & play connector for RIVA Dash/Logger unit (RY11841-LD-MD60)
7) Includes plug & play connector for optional lambda sensor kit (part# RY11540-LC1-6S5) for data logging air/fuel ratios & tuning functions.
8) Direct-Connect design eliminates need for auxiliary wiring harness.
9) Individual Cylinder Knock Control function protects engine. System Identifies which cylinder is detonating by tracking firing order OEM knock sensor.
10) User selectable dual calibration capacity.

NOTE: RIVA Pro-Series ECU is for competition use only.

Description		Part No.
RIVA Athena Series ECU Sea-Doo 2010 & Newer iControl Models	NEW	RS11891-ECU-DC

Check Out Video

Scan QR Code to find option of Dash Logger extension cable mount.

NEW



RIVA/VI-PEC V88R PRO SERIES ECU

The RIVA/Vi-Pec V88R Pro Series ECU provides a huge performance advantage to Sea-Doo iControl models delivering over 40hp to the stock 4-TEC engine. ECU is fully programmable with either RIVA supplied mapping or user defined parameters. Most calibrations require use of RIVA Fuel Pressure Regulator Kit and 91+ octane pump fuel. Plugs directly into factory wiring harness via waterproof connectors.

Key Features Include:

1) Easy loading of supplied calibrations/maps for various performance applications.
   - Performance Fuel Mapping
   - Performance Timing Curves
   - Rev Limiter Increase
   - Boost Control for turbo applications. (Plug & play connector for wastegate solenoid).
2) Ability to customize RIVA calibrations for special applications. Using supplied software, user can adjust parameters such as Fuel, Timing, Rev Limiter & Boost Control.
3) Retains all iControl functions.
4) Retains all OEM dash display functions & Engine Safety Functions.
5) Internal Data logging functionality.
6) Provides diagnostic information that can be displayed via computer interface.
7) Includes plug & play connector for RIVA Dash/Logger unit (RY11840-LD-MD60)
8) Includes plug & play connector for optional Lambda sensor kit (part# RY11540-LC1-6S5) for data logging air/fuel ratios & tuning functions.
9) Direct-Connect design eliminates need for auxiliary wiring harness.
10) Individual Cylinder Knock Control function. Identifies which cylinder is detonating by tracking firing order utilizing OEM knock sensor.
11) User selectable dual calibration capacity for optional Dual Map Switch (part # RY11841-DMS-ECU-PC).
12) Expansion Port for additional user definable inputs & outputs.
13) User configurable software.

NOTE: RIVA Pro-Series ECU is for competition use only.

Description		Part No.
RIVA Vi-Pec V88R ECU Sea-Doo 2012 & Newer Models	NEW	RS11890-ECU-DC

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RIVA RISING RATE FUEL PRESSURE REGULATOR KIT

RIVA's Fuel Pressure Regulator Kits provide the precision pressure control necessary to compliment a variety of performance applications. Kits are fully assembled & mount securely via sturdy stainless steel bracket. High quality billet pressure regulator can adjust base pressure from 25 to 80 PSI. Unit can also be set up as rising rate fuel pressure regulator at a 1 to 1 ratio providing one additional pound of fuel pressure for every pound of boost gain. Plugs directly into original fuel system with OEM connectors and features a large 3/8" fuel return line. Includes integrated liquid-filled pressure gauge and billet Fuel Pressure Regulator Block-off necessary for removal of stock fuel pressure regulator.

Key Features Include:
- Precision fuel pressure control with optional rising rate function.
- High quality stainless steel liquid-filled pressure gauge.
- Large 3/8 fuel return line.
- Billet Fuel Pressure Regulator Block-off.
- Easy bolt-on installation with OEM fuel connectors.
- Complete installation instructions & tuning guide.

Description	Part No.
RIVA Fuel Regulator Kit - 07 & Older 215	RS12050RRFPR07
RIVA Fuel Regulator Kit 08 & Newer 215/255/260 (except i-Control)	RS12050RRFPR08

NEW



R&D RRFPR FUEL PRESSURE REGULATOR

R&D offers a custom high performance fuel pressure regulator system designed to "bolt on" to the RXP-X/RXT-X 260. The R&D Regulator Kit comes completely assembled with all fuel lines, connectors, and fittings in place and ready to install. The R&D Kit also includes the necessary "Port Plug" to easily block off the stock in tank pressure regulator, and custom "plug on" return line fitting. The R&D regulator bracket will allow the regulator to be installed under the top deck cleanly and out of the way, yet allow fuel pressure tuning access easily accessible. Base fuel pressure is adjustable from 50 to 75 PSI with high pressure spring (installed), and can also be set up as a Rising Rate System (60-75). The R&D system is very easy to install, and all hardware can be removed and easily put back to stock at any time. Fuel rail and tank return line fittings are O.E.M. push on "snap lock" fitting connectors which will make the R&D Regulator System easy and hassle free to install.

Description		Part No.
R&D RRFPR Fuel Pressure Regulator RXP-X 260 (2012-13)	NEW	803-81000
R&D RRFPR Fuel Pressure Regulator RXT-X 260/Universal for other 2008+ Sea-Doo Models		803-81001

NEW

Photo Shows 613-00190 & 900-02180



R&D INLINE FUEL PRESSURE GAUGE ADAPTOR

The R&D Fuel Pressure Gauge Adaptor Tool is designed to be a plug in fuel pressure gauge that needs no modifications to install and use. The adaptor installs inline between the O.E.M. fuel rail and the R&D RRFPR via the OEM connectors for easy connect and disconnect. Simply disconnect the O.E.M. locking fuel connector from the fuel rail and plug the gauge tool directly into the connector. Plug the locking connector supplied on the R&D tool onto the fuel rail and lock. Use the tool to verify fuel pressure and fuel pump condition. Use the tool to set and verify base fuel pressure settings on the R&D Rising Rate Fuel Pressure Regulator (RRFPR). When finished, disconnect the tool and reconnect the stock fuel line. The R&D Tool works on all Sea-Doo fuel systems. Installation time is only 2 minutes. Liquid filled fuel pressure gauge sold separately.

Description		Part No.
R&D Inline Fuel Pressure Guage Adaptor	NEW	613-00190
R&D Liquid Filled Fuel Pressure Gauge	NEW	900-02180



INNOVATE LC-1 WIDEBAND AIR/FUEL RATIO KIT

Description	Part No.
Innovate LC-1 Wideband Air/Fuel Ratio Kit	900-04378

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NEW



ECU Bracket
Sold Separately
RS12050-BIM-EMK

RIVA/WILSON BILLET INTAKE MANIFOLD

RIVA's billet aluminum intake manifold delivers superior performance & reliability through improved flow characteristics and bulletproof construction. Engineered by Wilson Manifolds, the leader in racing intake manifold design, this part directly replaces the original plastic manifold that is prone to fail in high boost supercharged and turbo applications. Advanced runner and plenum design compliments all performance engine configurations. Improved cylinder sealing flange utilizes OEM O-ring seals. Includes high volume fuel rail providing optimized cylinder to cylinder fuel distribution for more power and reliability. Accepts universal bracket for OEM & aftermarket ECU's. CNC machined and assembled in the USA by Wilson Manifolds exclusively for RIVA Racing.

NEW



RS12050-BIM-SIB

Manifold includes fuel rail brackets designed to fit RIVA 75lb & 100lb Pro Series Injectors. Optional Fuel Rail Bracket Kit (RS12050-BIM-SIB) sold separately for use of OEM length/style injectors.

Optional Universal ECU Bracket (RS12050-BIM-EMK) sold separately.

Description		Part No.
RIVA/Wilson Billet Intake Manifold All 215/255/260 4-Tec Engines		RS12050-BIM
RIVA Universal ECU Bracket	NEW	RS12050-BIM-EMK
RIVA OEM Sea-Doo Fuel Injector Bracket for RS12050-BIM (Sold as Set)	NEW	RS12050-BIM-SIB

NEW



RS12050-340FP-08

RS12050-340FP-07

RIVA HIGH VOLUME FUEL PUMPS

RIVA's High Volume Fuel Pump Kits feature Aeromotive's state-of-the-art 340 "Stealth" Fuel Pump. This high output pump delivers 340LPH to support modified supercharged & turbocharged engine packages. Aeromotive pumps utilize a turbine pumping mechanism that increases durability and fuel delivery. Both kits include fuse protected marine grade wiring harness with waterproof relay system to allow activation by aftermarket ECU's. Kit for `08 & newer models (shown above) features billet fuel system adapter required for installation of Aeromotive pump. Detailed installation instructions and all hardware necessary for installation supplied with each kit.

Description		Part No.
2008 & Newer Models	NEW	RS12050-340FP-08
2003-07 Models	NEW	RS12050-340FP-07



RS12050-I-KIT-50



RS12090-I-KIT-100

RIVA PRO-SERIES FUEL INJECTOR KITS

Description	Part No.
100lb p/hr - All iControl Models	RS12090-I-KIT-100
50lb p/hr - 255/215 non iControl Models	RS12050-I-KIT-50
42lb p/hr - 215 non iControl Models	RS12050-I-KIT-42-1



SEA-DOO POWERSHOT ADJUSTABLE FUEL TUNER

The R&D Powershot fuel injection tuner will deliver increased horsepower, acceleration, and stronger mid-range performance by delivering a higher performing air to fuel ratio (A.F.R.) to the engine. Many of today's high performance fuel injected four stroke muscle craft have a lean A.F.R. R&D Performance has tested, documented, and analyzed the O.E.M. fuel maps on every current fuel injected four stroke watercraft, and pre-programmed and coded the new R&D Powershot fuel injection control module to safely alter the O.E.M. fuel map to a higher performing and safer A.F.R. (richer). More horsepower, greater acceleration and stronger mid-range are the result when the proper A.F.R. is achieved and is tuned for optimum performance.

The R&D Powershot is fully adjustable on the fly (with the engine running, observed and tuned while riding), and will accommodate a wide range of adjustability to properly performance tune the A.F.R. for any combination of aftermarket parts. The R&D Powershot will add horsepower, reliability, and adjustability to any electronic fuel injected two or four stroke watercraft engine.

Description		Part No.
R&D RXP/RXT 215HP Powershot Adj. Fuel Tuner		803-95002
R&D RXP-X/RXT-X 255HP Powershot Adj. Fuel Tuner		803-95003
R&D RXP-X 2012/RXT-aS/iS Powershot Adjustable Fuel Tuner	NEW	803-95004

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R&D HIGH PERFORMANCE HEAD GASKETS

R&D High Performance Racing Head Gaskets were developed to replace the OEM head gasket with a higher performing Multi Layer Steel Stack Design (MLS), utilizing state of the art materials proven to withstand extreme heat generated from high cylinder pressures in high boost performance packages. Each gasket is deep dual embossed (both sides) and Viton Coated to promote a positive seal. Use the R&D Head Gasket with confidence in standard replacement situations or Pro Race Engines. R&D's race proven design maintains a positive seal with up to 24 pounds of boost. Available in standard and over bore sizes.

NOTE: All R&D head gaskets are standard bore. If a larger size is needed, please specify when ordering.

Description	Part No.
R&D Sea-Doo 4-Tec HP Head Gasket .040"/OEM Stock Thickness (Standard Bore)	080-01500
R&D Sea-Doo 4-Tec HP Head Gasket .036" (-.006) Thickness / Raise Compression (Standard Bore)	080-01501
R&D Sea-Doo 4-Tec HP Head Gasket .046" (+.006) Thickness / Lower Compression (Standard Bore)	080-01502



RIVA PRO-SERIES 4-STROKE CYLINDER HEAD GASKETS GASKETS

RIVA's Pro-Series Cylinder Head Gaskets were developed to withstand severe heat & pressure generated by high-boost and high horsepower applications delivering maximum reliability to your racing engine.
Key Benefits Include:
- Three layer stainless construction for durability & corrosion resistance.
- Viton coated & embossed surfaces for maximum sealing.
- Unique design promotes even torque & requires no re-torque.

Description	Part No.
RIVA Sea-Doo 260/255/215 Pro-Series Head Gasket (Standard Bore)	RS10050CHG1503



007-626



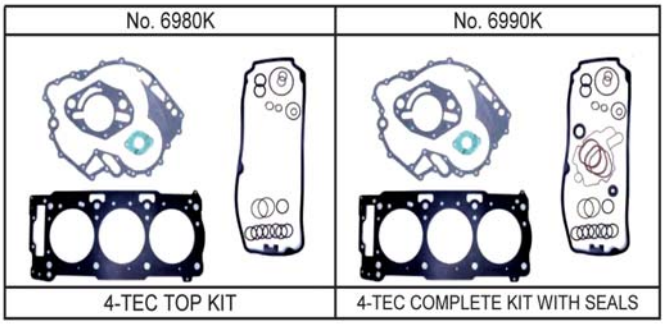
007-399-05

WSM SEA-DOO 4-TEC COMPLETE GASKET KIT

WSM Sea-Doo 4-Tec Gasket Kit includes outer oil seals and are an economical solution to OEM gasket kits.

Description	Part No.
WSM Sea-Doo Complete Gasket Kit	007-626
WSM Sea-Doo 4-Tec Head Gasket (Standard Bore)	007-399-05

Gasket Technology



GASKET TECHNOLOGY SEA-DOO 4-TEC GASKETS & GASKET KITS

Description	OEM No	Part No.
Aluminum Washer Kit	----	6943K
4-Tec Top End Gasket Kit	----	6980K
4-Tec Complete Gasket Kit With Seals	----	6990K
Head (Standard Bore)	420950770	6900*
Valve Cover	420950820	6905*
Oil Pump Housing	420950970	6910*
Oil Separator Cover	420630540	6915*
Timing Drive Cover	420931130	6920*
Oil Seal	420650310	6956
Output Sleeve Seal	420630550	6958
Oil Pump O-Ring	420631480	6959
Intake O-Ring - 3 Required	420950740	6960
Intake O-Ring Kit	----	6961K
Seal Kit	----	6962K

Denotes when the gasket is included in the Top End Gasket set.



RIVA PRO-SERIES 4-STROKE CYLINDER HEAD STUD KITS

RIVA's ultra high strength cylinder head stud kit is essential equipment when upgrading internal components on your high boost Yamaha engine. Precision machined from premium grade 8740 alloy and heat treated to exacting tolerances, these studs dramatically increase reliability & ease of maintenance. Key Benefits Include:
- Superior material & heat treat process provides 10X better strength than OEM
- Studs provide improved alignment of cylinder head and gasket
- More accurate & consistent torque loading provides a more uniform clamping force on head gasket.
- Helps prevent blown head gaskets and assures optimum engine sealing.

Description	Part No.
RIVA Pro-Series Cylinder Head Stud Kits Sea-Doo 260/255/215	RS10050-HSK

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CP SEA-DOO PISTON KITS

Description	Piston	Piston Pin	Locks	Rings
100mm standard bore (1494cc) 8.4:1	M9032	905-2250-19CP3C	905-073SWL	CPND30-3937
100mm standard bore (1494cc) 9.5:1	M9039	905-2250-19CP3C	905-073SWL	CPND30-3937
Oversize Pistons				
100.25mm +.25mm oversize (1501cc) 8.4:1	M9033	905-2250-19CP3C	905-073SWL	SWF20064-3
100.25mm +.25mm oversize (1501cc) 9.5:1	M9040	905-2250-19CP3C	905-073SWL	SWF20064-3

Sold 3 piston kits per set.
****Piston sold complete with: rings, piston pin and locks***

JE PISTON KITS FOR SEA-DOO

PISTON KIT #	DISP.	BORE SIZE	OVER SIZE	COMP. RATIO	RING #
308432	1493cc	100mm	STD	8.4:1	JG3701-3937
308433	1493cc	100mm	STD	9.5:1	JG3701-3937
308434	1493cc	100mm	STD	10.0:1	JG3701-3937
308435	1501cc	100.25mm	+.25mm	8.4:1	-----
308436	1501cc	100.25mm	+.25mm	9.5:1	-----
308437	1501cc	100.25mm	+.25mm	10.0:1	-----
308438	1508cc	100.5mm	+.5mm	8.4:1	-----
308439	1508cc	100.5mm	+.5mm	9.5:1	-----
308440	1508cc	100.5mm	+.5mm	10.0:1	-----

Sold 3 piston kits per set.
****Piston sold complete with: rings, piston pin and locks***



PRO-X OEM REPLACEMENT FOUR STROKE PISTONS

- 2004-09 RXP
- 2008-09 RXP-X 225
- 2010-12 RXT-X 260 RS
- 2005-09 RXT
- 2010-12 RXP-X 255

Description	Size	Part No.
Pro-X 4 Stroke Pistons Standard	100.00mm	**01.5594.000**
Pro-X 4 Stroke Pistons 1st Over	100.50mm	**01.5594.050**
Pro-X 4 Stroke Pistons 2nd Over	101.00mm	**01.5594.100**

PRO-X piston kits sold individually.



WISECO SEA-DOO PISTON KITS 2004-2010 RXP/RXP-X/RXT/RXT-X

Features
- Dedicated forging
- Stock Compression
- Dome design
- Chrome plated piston pin
- Horizontal slot pin oiling
- Pressure seal groove
- ArmorGlide™ Skirt Coated
- Dedicated rings

Benefits
- Light weight, superior strength, optimized design
- Matches OEM compression ratio
- Improved flame travel to maximize air/fuel burn efficiency
- Reduced friction, improved scuff resistance
- Improved lubrication, better pin oiling, reduced friction
- Maximum ring seal
- Reduced friction, quieter operation, improved scuff resistance
- Optimized for each application, lightweight, high performance, better oil control

Sea-Doo Model	Years	Bore Size (mm)	Piston Kit Number	Replacement Ring Set	Pins & Clips
RXP 215	2004-09	100.00	**40038M10000***	3937XS	Wrist Pin
RXP-X 255	2008-10	100.50	**40038M10050***	10050XS	**S626**
RXT 255/260	2005-10	101.00	**40038M10100***	10100XS	Circlips
RXT-X 255/260	2008-10				**W5860**
8.4:1 Stock Compression ratio ArmorGlide™ Skirt Coated					
Piston sold complete with: rings, piston pins, and circlips					

Sold individually



CARRILLO CONNECTING RODS

Description	Part No.
Carrillo Connecting Rod Set Sea-Doo 255, 215 HP (Sold 3 rods per set)	**RO-RXP>-8M4724S-03**

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RIVA SEA-DOO VALVE TRAIN UPGRADE KIT

RIVA's Valve Train Upgrade Kit increases the reliability of your modified engine by reducing the possibility of valve float at high rpm. Includes lightweight, precision-machined titanium valve retainers, racing valve springs, base washers and OE rocker arm shaft bolts that must be replaced during installation.

Description	Part No.
RXP/RXT/GTX Valve Train Upgrade Kit	RS19050-VTU



RIVA SEA-DOO STOCK VALVE RETAINER KIT

RIVA's Valve Retainer Upgrade Kit increases the reliability of your engine by reducing the possibility of valve float at high rpm. Includes 12 lightweight, precision-machined titanium valve retainers and 6 OE rocker arm shaft bolts that must be replaced during installation. A must for IJSBA & APBA Stock Class race craft.

Description	Part No.
RIVA Stock Valve Retainer Kit SD RXP/RXT/GTX	RS19050-SRU



RIVA SEA-DOO HIGH PERFORMANCE VALVE SET

RIVA High Performance Valve Kits are engineered to improve reliability and performance in high-boost supercharged & turbocharged engines. Intake valves are built from high grade EV-8 (24-4N) stainless that is extremely resistant to corrosion. Exhaust valves are built from inconel alloy (IN-751) that is highly resistant to heat damage. Valve heads have been redesigned for increased air flow and durability. Valve stems feature hard-chrome plating for superior wear & lubricity. Kits include high strength valve locks, precision machined from 4130 chromoly.

Drop-In Valve Kits: Direct drop-in replacement valves require no machining of cylinder head.

Oversized Valve Kits: +1mm Intake & +2mm Exhaust valves deliver more air flow (requires machining of cylinder head).

Key Features:

- Stronger & lighter than stock valves.
- Redesigned valve heads for improved air flow & strength.
- High grade stainless intake valves resist corrosion.
- Inconel exhaust valves resist heat from high boost applications.
- Valve stems are hard-chrome plated for improved wear.
- Includes high strength valve locks.
- Sold in sets of 12 (6 Intake/6 Exhaust).

Description	Part No.
RIVA Sea-Doo High Performance Valve Set **(Standard/Drop-in)**	RS19050-HPV-0
RIVA Sea-Doo High Performance Valve Set **(+1mm Intake / +2mm Exhaust)**	RS19050-HPV-1:2



R&D HIGH PERFORMANCE TITANIUM RETAINERS

- Increased spring preload at seat and full lift
- Designed to work with stock valve springs for pro stock class racing
- Increased valve control
- 50 percent lighter than stock, much stronger
- Will work with camshaft specs up to .340 - .350 lift
- Installs using O.E.M. valve locks
- Installs on all 2005-2013 Sea-Doo Rotax engines

Description	Part No.
R&D Titanium Retainer Kit Fits all SD 4-Tec Models	613-80014



R&D TITANIUM RETAINERS AND VALVE SPRINGS

- Increased spring preloads at seat and full lift
- Designed to work as a dual valve spring spec for Pro Limited class racing
- Increased valve control
- 50 percent lighter than stock, much stronger
- Will work with camshaft specs up to .400 lift
- Installs using O.E.M. valve locks
- Installs on all 2005-2013 Sea-Doo Rotax engines

Description	Part No.
R&D Valve Spring Titanium Retainer Kit Fits all Sea-Doo 4-Tec Models	613-80015



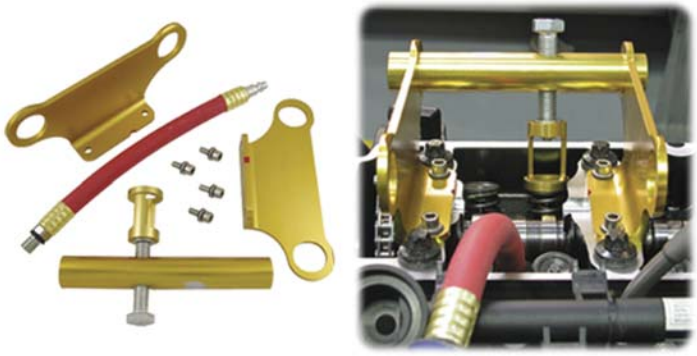
PRO-X SEA-DOO OEM REPLACEMENT STEEL VALVES

Manufactured by the leading OEM factories in Japan. Made to exact OEM specs and tolerances.The steel valves are a direct and cost efficient OEM replacement.

Description	Part No.
Pro-X Sea-Doo Exhaust Valves	28.5594-1
Pro-X Sea-Doo Intake Valves	28.5594-2

**Pro-X Sea-Doo Performance Valves are sold individually.*

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SEA-DOO 4-TEC VALVE COMPRESSION TOOL

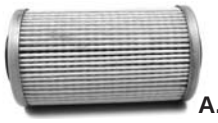
RIVA's overhead Valve Compression Tool allows easy removal of valve springs and keepers without removing cylinder head. Includes compression adapter to pressurize cylinder keeping valves in place during removal of stock springs and keepers.

Description	Part No.
RIVA 4-Tec Valve Compression Tool	RS19050-VCT



K&N REPLACEMENT AFTERMARKET OIL FILTERS

Description	OEM#	Part No.
K&N Filter - All Sea-Doo 4-stroke	420950741	KN556


A.




B.

WSM OEM REPLACEMENT AFTERMARKET OIL FILTERS

Description	Part No.
A. WSM Filter - All Sea-Doo 4-stroke	006-560
B. WSM Filter - All Sea-Doo 4-stroke Oil Filter Cap	006-562


C.



D.



E.

Description	Part No.
C. NGK Standard Plug for Sea-Doo GTX 4-Tec (10 plugs per box)	DCPR-8E
D. NGK Iridium Spark Plugs (4 plugs per box)	DCPR8EIX
E. Nippon Denso Iridium Plug (4 plugs per box)	IXU24


57-1187


57-1188

MONKEY GRIP MOTOR MOUNTS

Part No. 57-1187 (Front - 1 required)	Year
Sea-Doo GTI 4-Tec All Models	2006-09
Sea-Doo GTX 4-Tec All Models	2002-09
Sea-Doo RXP All Models	2004-09
Sea-Doo RXT All Models	2005-09
Sea-Doo Wake All Models	2008-09

Part No. 57-1188 (Rear - 2 required)	Year
Sea-Doo GTI RFI, LE	2004
Sea-Doo GTX 4-Tec	2004
Sea-Doo GTI 135,155	2008-09
Sea-Doo GTX 155,215	2008-09
Sea-Doo RXP 155, 215, 255	2008-09
Sea-Doo RXT 215, 255	2008-09
Sea-Doo Wake 155, 215	2008-09

SEA-DOO OEM TYPE SPECIALTY TOOLS

For the installation and removal of pistons, rocker arms, cam chain and cam gear.


Crankshaft Locking Tool
Part No. 950-125
O.E. No. 529-035-821
Fits: All 4 Tecs


Camshaft Locking tool
Part No. 950-180
O.E. No. 529-035-839
Fits: 4-Tec Engines

SEA-DOO OEM TYPE SPECIALTY TOOLS

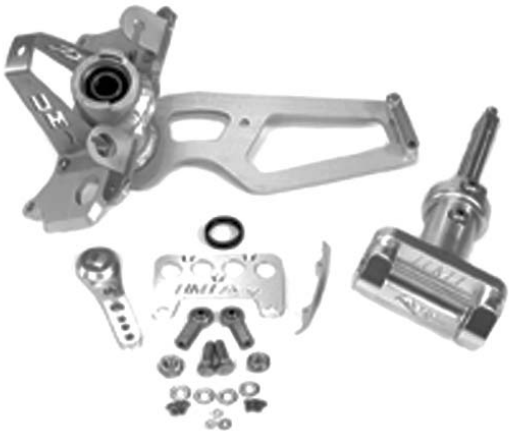
For the installation and alignment of Sea-Doo engines.


Alignment Shaft
Part No. 950-140
O.E. No. 295-000-141
Fits: All Models


Alignment Adaptor
Part No. 950-150
O.E. No. 529-035-719
Fits: GTX 4-Tec Models


Alignment Support Plate kit
Part No. 950-135
O.E. No. 529-035-506
Fits: All Models

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UMI TOP STOP BILLET STEERING

Top stop steering for positive control and extraordinary strength. Improved handling by shifting weight to correct point on watercraft.

Description	Part No.
GSX, GTX, GTI, GTS, GSI, GS 96+, RX, RXP155/215, RXP-X255, RXT215, RXT-X255 (08-11)	SD-04804-GSX



DO SPEED SPACER AND MOUNTING KIT FOR UMI RXP-X/RXT-X STEERING SYSTEMS

Do Speed has developed this spacer and mounting bracket specifically to be used in combination with a UMI steering system on a RXP-X or RXT-X. The spacer prevents water from entering the engine compartment and the bracket creates a clean and safe installation of the OEM Sea-Doo warning system signal.

Description	Part No.
DO Speed Spacer and Mount Kit for UMI RXP-X and RXT-X Steering System	D-X-P

NEW



RIVA SEA-DOO BILLET ICONTROL LEVERS

RIVA's billet lever set for Sea-Doo iControl models provides superior control and comfort along with cutting edge styling. Directly replaces the OEM plastic parts with high quality CNC machined throttle and brake levers. Features more responsive stainless steel return spring for a precision feel. Gunmetal gray anodized coating prevents corrosion. Installs easily with included instructions.

Description	Part No.
RIVA Lever Kit, Throttle/Brake for iControl	RS24090-ICL



NOTE: Prototype "Show Piece" shown. Production color not represented.



RXP-X 260 PRO-SERIES STEERING SYSTEM

Introducing the ultimate race proven steering system for your Sea-Doo RXP-X 260. Steering shaft is constructed of aircraft grade aluminum tubing for maximum strength & rigidity. Directly replaces plastic system with a stronger unit that provides variable tilt positions. Delivers a precision feel and the confidence to push your craft to the limit with improved dependability and comfort. Bulletproof bar clamp will accept any 7/8" handlebar or 1-1/8" bulge bar. Includes all necessary installation hardware and instructions.

Key Features Include:
- Aluminum & Stainless Steel construction deliver superior strength & rigidity.
- Variable tilt adjustment.
- Accepts both 7/8" bars & 1-1/8" fat bars.
- Hollow steering shaft design accommodates OEM wiring harness.
- Billet aluminum steering arm features adjustable "quick turn" settings.
- Retains "Off Throttle Assisted Steering" system.
- Cutting-edge race styling.
- All aluminum parts anodized to prevent corrosion.

NEW

RS24090-ICRT



Description		Part No.
RXP-X 260 Pro-Series Steering System RXP-X 260 (T3) 2012, Black		RS20110
Sea-Doo iControl Removal Tool	NEW	RS24090-ICRT



SPEED MAGIC "X MOUNT" STEERING HEAD

Description	Part No.
Speed Magic Steering Head RXP-X 255, RXT-X 255	SE-027015

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HOT PRODUCTS RUNABOUT HANDLEBARS

Models	Color	Pad Size	Part No.
Sea-Doo GTS/GTX XP 97-98/RXP/RXT	Silver	Large	HJR-02
Sea-Doo GTS/GTX XP 97-98/RXP/RXT	Black	Large	HJR-02BK

Handle Bar Specs: 30.5 width • 3" Rise • 1.5" Pull Back



HOT PRODUCTS RUNABOUT FAT BARS

Description	Color	Part No.
Hot Products Fat Runabout Bars	Silver	HJFT-01



RIVA HANDLEBAR FOR iCONTROL SKIS

RIVA's Sea-Doo iControl Handlebars are CNC constructed from lightweight aluminum and stronger than stock bars. Ends are knurled for better grip adhesion. Pre-drilled and tapped to accept stock iControl mounts. Includes bolt-on cross-bar that increases strength and impact protective foam pad. Available in 32" width in gun metal anodized finish (shown above).

To ease transfer of iControl housings RIVA offers a special iControl Removal Tool (part # RS24090-ICRT). See page 26.

Description	Part No.
RIVA RXP-X, RXT-X 255 (08-11) Bar Mount System non iControl	RS202B-IC





RIVA RXP-X/RXT-X 255 BAR MOUNT SYSTEM

Key Features Include:
- Lowers handlebar mounting point 3-1/2".
- Cutting edge race styling.
- Superior strength & rigidity over OEM system.
- Compatible with OEM and Aftermarket Handlebars.
- Retains original tilt adjustment feature.
- Accepts both 7/8" bars & 1-1/8" fat bars.
- Integrated D.E.S.S. post mount & cable retention bracket.
- All aluminum parts anodized to prevent corrosion.
- Fits 2008-11 RXP-X & RXT-X 255HP models (non-iControl).

Description	Part No.
RIVA RXP-X, RXT-X 255 (08-11) Bar Mount System non iControl	RS20050-U



RIVA RACING BILLET FINGER THROTTLE FOR SEA-DOO

Specifically designed to match throttle travel of Sea-Doo 4-Stroke PWC. Direct replacement for bulky OEM throttle on X-Models and can be used with aftermarket bars on other 4-Tec applications. Adjustable throttle angle & unique trigger design keeps the trigger at the tip of your finger throughout the throttle range for reduced arm pump & superb throttle control. Delrin bushings eliminate play common in OEM throttles and provide smooth actuation. All stainless hardware at hinge point eliminates corrosion and play. No "C" clips used. Use with OEM adapter on X-Models or use aftermarket adapter (sold separately) for RXP/RXT/RXP-X 4-Tec applications.

Description	Color	Part No.
RIVA Racing Billet Finger Throttle for SD	Silver	RS24010P
RIVA Racing Billet Finger Throttle for SD	Black	RS24010B



HANDLEBAR COVER CAP FOR SEA-DOO 4-TEC RXP - RXT - GTX - GTI

Description	Part No.
Handlebar Cover Cap	FB001-SD





UMI RXP TRIM/SWITCH HOUSING

UMI's trim/switch housing is machined from 6061-T6 billet aluminum, replacing the stock plastic housing. Trim/switch housing uses the factory variable trim switch and start/stop switch. This housing must be used with the UMI GSX/RXP (Part # 58-6321) steering system, aftermarket bars and finger throttle.

Description	Part No.
UMI RXP Trim/Switch Housing	SD-01600-CLR



BILLET STOP SWITCH HOLDER

Description	Part No.
SD GTX, 4-TEC, RXP, RXT (One hole type)	58-2003

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R&D SEA-DOO AQUAVEIN SCOOP GRATE

Description		Part No.
RXT 215, GTX 4-Tec All, GTX 951 DI (02-03)		113-95000
RXP 215,155		113-95001
GTI (06-09)		113-95003
GTX iS 255 (09), GTX Ltd. iS 260, RXT iS (10-12), RXT-X 260 (10-12), RXT RS 260 (11), RXT 260 (12)		113-95006
RXP-X 255, RXT-X 255 Aquavein Stock/Recreation		113-95004
RXP-X 255/RXT-X 255 Pro 2 Aquavein Deep Race Grate Closed Course		113-95007
RXP-X 260 (2012) (T3 Hull)	NEW	113-95008
GTR 215 (12-13), GTi SE 130 (12-13), GTS 130 (11-13) *Available summer of 2013.*	NEW	113-95010



R&D SEA-DOO RXP AQUAVEIN GIRDLE KIT

The R&D RXP Aquavein Girdle Kit was designed and developed to add two extra 6mm bolts to the back end of either a R&D Aquavein or OEM grate for a much higher degree of security against pulling inserts out of the OEM PVC plastic pump shoe! A must for competition use!

Description	Part No.
R&D RXP Aquavein Girdle Kit	123-10010



RIVA TOP-LOADER INTAKE GRATES

Description	Part No.
RXP 215 (04-08)	RS22050
RXT 215 (05-08)/GTX-SC (03-04)	RS22055
RXP-X 255/RXT-X 255HP (non iControl Models)	RS22080



WORX MAXILOADER INTAKE GRATE

Description	Part No.
GTX 4-Tec (02-05), GTX SC (03-04), RXT 215 (05-08) Worx Intake Grate	WR221
RXP 215 (04-08) Worx Intake Grate	WR223
GTI (06), GTI SE	WR226
RXP-X/RXT-X 255HP Worx Intake Grate	WR229
RXT iS 225 & GTX Ltd iS 255 (09), GTX 155 (10), RXT 215, Wake Pro 215, GTX 215 iS, RXT 260 iS, GTX Ltd 260 iS, RXT-X 260 RS	WR235



TBM RACING SEA-DOO RXP-X/RXT-X TUNABLE SUPER SCOOP

This scoop grate will fit all year RXP-X 255 (08-11) and RXT-X 255 (08-10). This Super Scoop will give you outstanding hook up and drive through the chop with a reasonable gain in top speed. You have the option to tune the scoop for water conditions with the removable rear inlet wedge. With the wedge installed you gain the ultimate hook up and rough water handling.

Description		Part No.
TBM RXP-X/RXT-X Tunable Super Scoop	NEW	TBM100-SD

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RIVA SEA-DOO 215/255HP 4-TEC PERFORMANCE RIDE PLATE

The RIVA Sea-Doo Performance Ride Plate delivers the perfect balance of top speed and improved handling. Top speed is increased by 2-3 mph along with straight line stability. Deep channeled design provides improved traction in turns and faster lap times. This ride plate requires the use of RIVA Open Loop Cooling Kit (part# RS1013-50-1).
Key Benefits Include:
• 2-3 mph top speed increase.
• Improved straight line stability.
• Improved cornering.

Description	Part No.
RIVA SD 215/155 4-Tec Ride Plate (2004-10) (non iControl)	RS21050
RIVA SD 255 4-Tec Ride Plate (2008-11) (non iControl)	RS21080



RIVA SEA-DOO 4-TEC OPEN LOOP COOLING KIT

RIVA Open Loop Cooling Kit dramatically reduces engine operating temperatures for improved performance & reliability. Also allows installation of RIVA Performance Ride Plate by eliminating need for heat exchanger. Original closed loop system becomes quickly heat soaked in high performance applications. Open loop system increases cooling efficiency via steady supply of cool external water.
Key Features Include:
* Improved performance & reliability.
* Allows installation of aftermarket rideplate.
* Replaceable sacrificial zinc anode protects cooling system from corrosion.
* Quick release flushing system flushes engine & exhaust cooling passages.
* Billet aluminum pump cover with anodized finish.
* Includes complete installation instructions.
FITS ALL SEA-DOO 4-STROKE PWC

Description	Part No.
RIVA 4-Tec Open Loop Cooling Kit	RS1013-50-1



R&D RIDE PLATE TRIM PADS

Improve the overall handling of the RXP-X 260 by adding the R&D extended Trim Pads. The extended length eliminates bow search and improves high speed stability in smooth or rough water conditions. The new Ride Plate Trim Pad design will promote smoother and quicker planning under aggressive 0-30mph acceleration, produce an overall more stable ride, offer improved cornering, and increase top speed averages. Manufactured from super strong cast aluminum and heat treated for superior strength. Kit installs in ten minutes and comes complete with all hardware and installation instructions.

Description		Part No.
R&D Ride Plate Trim Pads for RXP-X 260 (2012-13)	NEW	123-80622



ADJUSTABLE PERFORMANCE TRIM TAB KIT

RIVA's Adjustable Trim tab Kit allows you to tune the trim level of your craft for superior handling & performance in all water conditions. Tab position is adjusted with turnbuckles at rear of flap and by adjustable pivot point that allows planing surface to retract into bracket. Fully adjustable tab system is precision machined from billet aluminum for maximum strength & durability. Directly replaces fixed plastic trim tabs with easy bolt-on installation. Includes all necessary mounting hardware & installation instructions.

Description	Part No.
RIVA Trim Tab Kit RXP-X 260 (T3) (2012)	RS27110-APT



SAND & DEBRIS FILTER .75IN

These Water Filters/Strainers protect your engine from damage due to waterborne debris such as seaweed, sand, grass and pebbles that are sucked into the cooling system. Filters mount inline with the inlet cooling hose to your watercraft's engine. Filter cup is clear to provide easy visual inspection, threaded for quick removal and seals with a durable rubber o-ring.

Description	Part No.
Sand & Debris Filter .75in	56-9004
#20 Mesh Replacement Screen	20420020
#40 Mesh Replacement Screen	20420040

(#40 Mesh is finer than #20 Mesh)

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EXCLUSIVE "ADJUSTABLE" STABILIZER WING

RIVA RACING RXP/RXP-X/RXT/RXT-X/GTX PRO-SERIES SPONSON KIT

Description	Part No.
A. RIVA Pro-Series Sponson Kit SD RXP/RXP-X/RXT/RXT-X/GTX (2008-11)	**RS26050**
B. RIVA Pro-Series Sponson Kit RXP-X 260 (T3) (2012), RXT-X 260/RXT-X aS 260 (S3) (2012)	**RS26110**

R&D



R&D RXP/RXP-X/RXT/RXT-X/GTX PRO SERIES SPONSON KIT

Description	Part No.
R&D GTX (03-04), RXP Sponson Kit	**123-95100**
R&D RXP-X, RXT-X, GTX (05+), GTI (06), RXP (05+) Sponson Kit	**123-95101**
R&D RXT iS/aS Sponson Kit	**123-95110**
R&D RXP-X (12-13) Sponson Kit	**123-95111**



WORX RACING SEA-DOO SPONSONS

Description	Part No.
GTX All (2002-04), RXP (04)	**WR526**
GTX (05+), RXP, RXT, GTI (06)	**WR534**
RXP-x (08), RXT-T	**WR540**
RXT iS 225 & GTX Ltd iS 255 (09), GTX 155 (10), RXT 215, Wake Pro 215, GTX 215 iS, RXT 260 iS, GTX Ltd 260 iS, RXT-X 260 RS	**WR545**





O.P.A.S. PERFORMANCE BLOCK-OFF KIT

Improves handling characteristics for competition use. Necessary to accommodate RIVA Rear Exhaust Kit (RS15050-1). Also designed to cleanly and easily cover the openings left when O.P.A.S. is removed preventing water from entering the hull. Made from billet aluminum utilizing o-ring seals. Anodized to prevent corrosion.

Description	Part No.
SD RXP/RXT/GTX (2003 and newer) models	**RS29050-1**



RIVA PRO-SERIES OPAS BLOCK-OFF KIT

Optimizes the handling characteristics. Extensions fill voids dramatically improving handling and reducing porpoising. For competition use only.

Description	Part No.
RXP 215/RXP-X 255	**RS29950**
RXT 215/RXT-X 255	**RS29985**

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R&D SEA-DOO RXP/RXT 215/255 AUTO TRIM KIT

Developed to override the OEM VTS System with a fully adjustable and fully automatic trim system. The R&D Auto Trim automatically drops to a rider preferred adjustable 2-8 degrees. For long straight rides install the R&D VTS/Holeshot Driver Rod (Part #163-21503), which works in conjunction with the R&D Auto Trim to electronically override the Auto Trim back to the OEM VTS Nozzle angle trim settings! The combination allows the best for recreational and closed course riding!

Description	Part No.
R&D RXP 215 Auto Trim Kit	**163-21502**
R&D RXT 215/GTX 4-Tec Auto Trim Kit	**163-95003**
R&D RXP-X 255/RXT-X 255 Auto Trim Kit	**163-25500**



R&D RXP/RXT 215/255 HOLESHOT ROD

The R&D Holeshot Rod is designed to work in conjunction with the R&D Auto-Trim Kit. The Holeshot Rod mounts to the VTS system and allows maximum nozzle drop when the nozzle is straight for improved holeshots.

Description	Part No.
R&D RXP/RXT/RXP-X 255/RXT-X 255 Holeshot Rod	**163-21503**



R&D RXP PRO STEERING NOZZLE

The R&D RXP 215/255 Pro Series Steering Nozzle was developed to replace the OEM steering nozzles oval and stepped inner design shape with a race proven high performance round Venturi design. The new R&D RXP 215/255 Nozzle also incorporates a cast in boss for the R&D Auto Trim Kit Option.

Description	Part No.
R&D RXP 215/RXP-X 255/RXT 215/RXP-X 255 Pro Steering Nozzle (+15mm)	**163-21500**



R&D RXP-X/RXT-X 84MM REDUCTION NOZZLE KIT

The R&D RXP-X/RXT-X 84mm Pump Reduction cone will reduce the venturi size from a short O.E.M. 87mm large bore design to a plus .750 over stock venturi length with a final venturi size of 84mm. Increased hook up, stronger acceleration and mid range, improved top speed performance.

Description	Part No.
R&D RXP-X/RXT-X 84mm Reduction Nozzle Kit	**173-25584**



RIVA RXP/RXT PRO-SERIES REDUCTION NOZZLE

Ideal for tuning your Sea-Doo pump combination for maximize performance. The nozzle features a interchangeable ring system. Nozzle includes three stainless steel rings in 81, 82 and 83mm. Additional ring sizes available (RS23050-NR-SIZE) 80, 81.5, 82.5 and 84mm.

Description	Part No.
RIVA Venturi Nozzle w/3 Rings, RXP 215, RXP-X 255, RXT, GTX-SC (05-07)	**RS23050-N**

GTX 4-TEC



RXP



R&D SEA-DOO RXT 2.5 DEGREE NOZZLE WEDGE KIT

The R&D 2.5 degree reduction nozzle wedge kit for the new Sea-Doo 4-Tec was designed, developed and tested extensively in all types of flat and rough water conditions to ensure that there would be no handling performance compromises. Most brands of watercraft have some form of V.T.S. (variable trim system) including other model Sea-Doo's. Why the 4-Tec doesn't have a trim system is a mystery. Extensive testing has led the R&D development team to wedge the reduction nozzle up 2.5 degrees which will inexpensively give your 4-Tec better handling everywhere and provide a boost of 1 to 2 mph in top speed performance. The billet aluminum CNC machined 2.5 degree reduction nozzle wedge kit was designed to work with the OEM O.P.A.S. system and installs easily in 15 to 20 minutes with R&D's "easy install" directions.

Description	Part No.
R&D GTX 4-Tec SC (02-03), GTX 4-Tec N/A (03-05) 2.5 Degree Pump Wedge/Cable Extension Kit	**143-95002**
R&D RXP 215 2.5 Degree Pump Wedge/Cable Extender Kit	**143-95003**
R&D RXT 215/GTX 4-Tec (04-05) 2.5 Degree Pump Wedge/Cable Extender Kit	**143-95004**
R&D RXT-X 255 2.5 Degree Pump Wedge/Adjustable Trim Rod/Cable Extender Kit	**143-95005**
R&D RXP-X 255 1.0 Degree Pump Wedge/Adjustable Trim Rod/Cable Extender Kit	**143-95006**



RIVA RXP/RXP-X, RXT/RXT-X, GTX-SC BILLET PUMP WEDGE

2 Degree wedge trims up your pump nozzle raising the bow of your craft for less drag and more control.

Description	Part No.
RIVA RXP, RXP-X 255, RXT 255, RXT-X 255, GTX-SC 2-Degree Pump Wedge	**RS23050**



RIVA RXP/RXP-X/RXT-X VTS EXTENSION ROD

RIVA's precision-machined VTS Extension Rod allows maximum "nozzle down" adjustment after installation of RIVA Pump Wedge. Necessary on modified craft to keep bow down during initial acceleration while still providing maximum top speed advantage when trimmed up. Adjustable design comes preset for RIVA 2° Pump Wedge (part# RS23050).

Description	Part No.
RIVA RXP/RXP-X 255/RXT-X 255 VTS Extension Rod	**RS23050-1-ER**

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WET WOLF PUMP CONE

The Adjust-A-Thrust has been shown to gain .5 to 1.5 more top end. Makes a noticeable difference in the low end and midrange as well.

Description	Part No.
Wet Wolf Pump Cone fits all 2001-06 RXP, RXT, GTX and 4-Tec N/A and SC	SEA4

**Note - This unit performs well on stock craft, and crafts with handling mods, or limited engine mods - We do not recommend this unit for modified craft.*



R&D ANTI-CAVITATION CONE FOR SEA-DOO

The unique patent pending design balances the bowl pressure in the last stage of the pump to eliminate detectable cavitation. Improve bottom end punch midrange pull and overall performance.

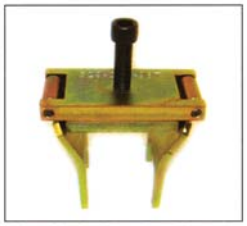
Description	Part No.
RXP 185/215, RXT 215, RXP-X 255, RXT-X 255, GTX	163-95001

SEA-DOO OEM TYPE SPECIALTY TOOLS

For the repair and installation of Sea-Doo 4-Tec drive shaft and the pump shaft.



Drive Shaft / Floating Ring
Part No. 950-100
O.E. No. 529-035-841
Fits: GTX 4 Tec Models



Drive Shaft / Floating Ring
Part No. 950-102
O.E No. 529-035-987
Fits: Super Charged 4-Tecs



Drive Shaft Holder
Part No. 950-155
O.E. No. 529-035-986
Fits: GTX 4-Tec & RXP 4-Tec Models



Seal & Bearing Pusher
Part No. 950-165
O.E. No. 529-035-955
Fits: GTX 4-Tec Models



Shaft Pusher
Part No. 950-170
O.E. No. 529-035-819
Fits: GTX 4-Tec Models

NEW



R&D BILLET ADJUSTABLE ANTI-CAVITATION CONE KIT

The R&D RXP 260X Billet Adjustable Pump Cone Kit is a creative new bolt on part that adds 1 full inch of additional length over the OEM cone, and also allows an additional .400" of adjustable tuning range. The extended length allows custom rpm tuning, reduced cavitation and adds additional pump thrust. Precision tuning the pump cones length with the kit included cone spacers will add to top speed while keeping the engine rpm's stable and out of the rev limiter. Precision CNC machined from 6061 aluminum and o-ring sealed for leak free pump bearing protection. The R&D Billet Cone kit can be ordered in 3 specific cone sets that will allow an adjustment range based on horsepower output, rpm range, and prop pitch. O-ring sealed and anodized to prevent corrosion and allow years of trouble free adjustability. Call R&D for cone kit suggestions or performance recommendations for a base kit that will offer a tuning range for your application. There are many possible tuning combinations never before possible without this unique concept. For example, RPM's too high, add shims to reduce RPM's. At any time if needed, additional longer cones can be ordered to allow a wider range of tuning.

Description		Part No.
R&D Adjustable Cone Kit with Tuning Range for 81-83mm Nozzle (Short Cone Kit)	NEW	163-95012
R&D Adjustable Cone Kit with Tuning Range for 83-84mm Nozzle (Medium Cone Kit)	NEW	163-95013
R&D Adjustable Cone Kit with Tuning Range for 84-85mm Nozzle (Long Cone Kit)	NEW	163-95014
R&D Short Cone Parts Kit (Cone and Bolts Kit for Additional Tuning)	NEW	163-95012C
R&D Medium Cone Parts Kit (Cone and Bolts Kit for Additional Tuning)	NEW	163-95013C
R&D Long Cone Parts Kit (Cone and Bolts Kit for Additional Tuning)	NEW	163-95014C



RAD 4 RACING SEA-DOO RXP THRU HULL FITTING

Replace the stock carbon seal with this RAD 4 Racing reliable bearing carrier. Includes drive shaft skim for perfect installation. For All RXP and RXP-X.

Description	Part No.
Rad 4 Racing RXP/RXP-X Thru Hull Fitting	R4RTHUHULL

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A.


B.

NEW

SOLAS STAINLESS STEEL REPLACEMENT WEAR RINGS FOR 4-TEC SEA-DOO

Description		Part No.
A. 155mm SR Series Wear Ring	NEW	**SR-HS-156-01**
B. 159mm SRX Series Wear Ring	NEW	**SRX-HS-159-02**



RIVA STAINLESS STEEL REPLACEMENT WEAR RING FOR 4-TEC SEA-DOO

RIVA's heavy-duty 100% stainless steel wear rings/impeller liners are the perfect replacement for your damaged original unit. Replaces original plastic liner with easy press in installation. Durable stainless steel resists debris damage and saltwater corrosion. Provides increased durability and performance due to precision machined clearance between wear ring and impeller.

Sea-Doo PWC Application Chart:

- 155mm liner fits all 185 Supercharged and '03 and newer 155/130hp 4-Stroke models
- 159mm liner fits 255 & 215hp 4-Stroke units.

Description	Part No.
155mm SD SR Series	**RS33-155-SR**
159mm SD SRX Series	**RS33-159-SRX**



WSM REPLACEMENT PUMP WEAR RINGS FOR SEA-DOO

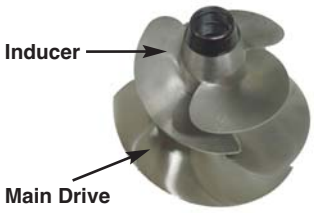
Description	OEM#	Part No.
1998-12 including 4-Tec (N/A) (155.5mm)	271-000-653	**003-503**
4-Tec Supercharged 03-04 (155.8mm)	267-000-104	**003-502**
RXP/RXT (159mm) (exclude "iS" model)	267-000-105	**003-499**



WSM REPLACEMENT PUMP WEAR RINGS WITH STAINLESS STEEL LINER

Description	OEM#	Part No.
1998-12 including 4-Tec (N/A) (155.5mm)	271-000-653	**003-503S**
4-Tec Supercharged 03-04 (155.8mm)	267-000-104	**003-502S**
RXP/RXT (159mm) (exclude "iS" model)	267-000-105	**003-499S**

Skat-Trak USA
PERFORMANCE PRODUCTS



SKAT-TRAK TWIN IMPELLERS

The new Twin Prop design drives off the line much quicker than the traditional single prop, and offers substantial increase in rough water hookup.

SEA-DOO RXP-X 255

	Engine Mods	Pitch	Part No.
Main Drive	Stock	13/17	**SS598328SWM1317**
Main Drive	Limited	13/18	**SS598328SWM1318**
Main Drive	Supermod	15/20	**SS598328SWM1520**

	Engine Mods	Pitch	Part No.
Inducer	Stock	13/17	**SS440ID1317**
Inducer	Limited	13/18	**SS440ID1318**
Inducer	Supermod	15/20	**SS440ID1520**

SEA-DOO RXT-X 255

	Engine Mods	Pitch	Part No.
Main Drive	Stock	12/16	**SS598328SWM1216**
Main Drive	Limited	13/17	**SS598328SWM1317**
Main Drive	Supermod	15/18	**SS598328SWM1518**

	Engine Mods	Pitch	Part No.
Inducer	Stock	12/17	**SS440ID1217**
Inducer	Limited	12/17	**SS440ID1217**
Inducer	Supermod	15/18	**SS440ID1518**

AVAILABLE PARTS FOR RXP-X 260 FROM R&D

Check Report

Description	Part No.	Page No.
Cool Air Vent Plate Kit	203-00270	4
Power Plenum Air Filter Kit	203-00260	4
Pro Series 4" Air Filter Kit	203-00264	4
C15X Monster Supercharger Wheel Kit	613-94015	7
Multi-Port Adaptor Kit	613-95270	10
Straight Shot Intake Hose Kit	613-95257	11
Thermostat/Intercooler/ Engine Cooling Kit	663-15000	14
Free Flow Exhaust Kit	333-80258	15
Rising Rate Fuel Pressure Regulator Kit	803-81000	20
High Performance Titanium Retainer Kit	613-80014	24
Aquavein Intake Grate	113-95008	28
Ride Plate Trim Pad Kit	123-80622	29
Sponson Kit	123-95111	30
Billet Adjustable Anti-Cavitation Cone Kit (Short Cone)	163-95012	32

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Skat-Trak USA
PERFORMANCE PRODUCTS

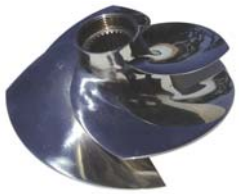
SKAT TRAK IMPELLERS FOR SEA-DOO PWC

3-Blade Swirl Super Pro Impeller 159-83-28
Skat Trak recommends:

Model	Year	Stock	Limited	Modified
RXT 215	05-10	13/17	13/18	-----
RXT 260	11-12	14/19	14/20	-----
RXT iS 255	09	13/18	14/19	-----
RXTaS 260	11	14/19	14/20	-----
RXTiS 260	10-12	13/18	14/19	-----
RXT-X 255	08-10	13/18	14/19	-----
RXT-X 260	11-12	14/19	14/20	-----
RXT-XaS 260	12	14/19	14/20	15/20
RXP 155	07-08	13/17.5	13/18	-----
RXP 215	04-10	13/18	14/19	-----
RXP-X 255	08-11	14/19	14/20	-----
RXP-X 260	10-12	14/19	14/20	-----

Skat Trak Impellers do not include a seal.
Hot Products recommends SLA012 sold separately.
OEM rubber shaft-impeller seal also fits.

Description	159-83-28 3-Blade Swirl Super Pro	Part. No.
13/17	3-Blade Swirl Super Pro	**SS598328SW31317**
13/18	3-Blade Swirl Super Pro	**SS598328SW31318**
14/19	3-Blade Swirl Super Pro	**SS598328SW31419**
14/20	3-Blade Swirl Super Pro	**SS598328SW31420**
15/18	3-Blade Swirl Super Pro	**SS598328SW31518**
15/19	3-Blade Swirl Super Pro	**SS598328SW31519**
15/20	3-Blade Swirl Super Pro	**SS598328SW31520**
15.5/21.5	3-Blade Swirl Super Pro	**SS598328SW3155215**
Aluminum Billet Impeller Seal for 3-Blade Super Pro		**SLA012**



SOLAS®
Where speed begins

SOLAS IMPELLERS

Model	Year	Stock	Limited	Modified
RXT 215	05-08	SRX-CD-13/18	SRX-CD-14/19	SRX-CD15/20
RXT 215	09-10	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD15/21A
RXTiS 260	10-12	SRZ-CD-15/21A	SRZ-CD-15/21A	-----
RXT-X 260	11-12	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
RXP 215	04-08	SRX-CD-14/19	SRX-CD-14/19	SRX-CD15/20
RXP 215	09-10	SRZ-CD-14/19A	SRZ-CD-14/19A	SRZ-CD15/21A
RXP-X 255	08	SRX-CD-15/21	SRX-CD-15/21	-----
RXP-X 255	09-11	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
RXP-X 260	12	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A

All SOLAS Impellers listed include an impeller seal.



RIVA R-SERIES PUMP IMPELLERS

NOTE: R-Series Impellers must be used with RIVA's Pro-Series Reduction Nozzle (Part# RS23050-N for RXP/RXP-X) or (Part# RS23051-N for RXT)

Description	Year	Part No.
13/19 R-Series	04-08	**SRX-CD-13/19R**
14/17 R-Series	04-08	**SRX-CD-14/17R**
14/19 R-Series	04-08	**SRX-CD-14/19R**
15/20 R-Series	04-08	**SRX-CD-15/20R**
15/22 R-Series	04-08	**SRX-CD-15/22R**
15/20 R-Series	09-12	**SRZ-CD-15/20R**
15/22 R-Series	09-12	**SRZ-CD-15/22R**

RIVA Performance Kit Pump Impellers Recommend Chart:

SRZ Model	Stage 1	Stage 2	Stage 3	Stage 4
RXP-X-260	-	15/19R*	15/19R*	15/19R*
RXT-X 260 (11-13)	15/20R*	15/19R*	15/19R*	15/19R*
RXT 260 (11-13)	15/20R*	15/19R*	15/19R*	15/19R*
RXT-X aS 260 (11-13)	15/20R*	15/19R*	15/19R*	15/19R*
RXT iS 260 (11-12)	15/20R*	15/19R*	15/19R*	15/19R*
RXT-X 260 (10)	15/22R*	15/19R*	15/19R*	15/19R*
RXT iS 260 (10)	15/22R*	15/19R*	15/19R*	15/19R*
RXT iS 255 (09)	-	15/19R*	15/19R*	15/19R*

Please add "SRZ-CD-" to all size listed above to complete the part number when ordering these RIVA Impellers.

SRX Model	Stage 1	Stage 2	Stage3	Stage 4
RXP-X 255 (08-11)	SRX-CD-15/22R	-	-	-
RXT-X 255 (08-09)	SRX-CD-15/22R	-	-	-
RXP 215 (04-10)	SRX-CD-14/19R	SRX-CD-15/20R	-	-
RXT 215 (05-10)	SRX-CD-14/17R	SRX-CD-13/19R	-	-
GTX-SC 215 (05-08)	SRX-CD-14/17R	SRX-CD-13/19R		

All RIVA R-Series Impellers include an impeller seal.



IMPELLER HOLDER TOOL

Description	Part No.
A. GTX 4-Tec Supercharged	**DS#70**
B. RXP/RXT 27mm	**DS#71**
C. Solas RXP/RXT 27mm	**WR012-SRX**



SOLAS BILLET IMPELLER SEAL

The new generation of the SOLAS Impeller seal is made with billet aluminum. They are very suitable for high power applications. Fits Solas Concord and Skat Trak 3-Blade Super Pro impellers.

Description	Part No.
Solas Aluminum Billet Impeller Seal	**SLA012**

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GENUINE JETTRIM

JETTRIM CUSTOM ORDER SEAT COVER

Description	Part No.
RXP 215 (04-10) Seat Cover	SDRXP101
RXP-X 255 (08-10) Seat Cover	SDRXPX101
RXP-X 255 (08-10) Retro Design Seat Cover	SDRXPX102
RXP-X 260 (2012) Seat Cover	SDRXPX103
RXT 215 (05-10) Seat Cover	SDRXT101
RXT-X 255 (08-10) Seat Cover	SDRXTX103
RXP-X 255 (08-10) Hump Seat Cover	SDRXPX101H
RXT-iS 255 (09), RXT iS 255 (10-12) New Design	SDRXTXIS101

Premier HT HYDRO-TURF

HYDRO-TURF PREMIER CUSTOM ORDER SEAT COVER

Description	Part No.
RXP-215 (04-08)	AZ-SEW89
RXP-X (04-11)	AZ-SEW891
GTX (03-06), 4-Tec (02), Di (02), RXT, RXT-X, Wake (06-08), Wake Pro 215 (09)	AZ-SEW88
RXT iS 255 (09), RXT 260 & RXT-X 260 (12-13)	AZ-SEW882
RXP-X 260 (12-13)	AZ-SEW892

PRE-COLORED HOT PRODUCTS RECOMMENDED JETTRIM SEAT COVERS

RXTiS 255 (09), RXTiS 260 (10-12)

RXT IS 101 Series



SDRXTXIS101-A

Front & Rear Top: *Medium Slip Yellow*
Front Collar: *Carbon Black LG*
Center Band: *Carbon Black LG*
Front & Rear Vest: *Smooth Grain Silver*
Side: *Carbon Black LG*
Stitch: *Black Thread on Top*



SDRXTXIS101-B

Front and Rear Top: *Non Slip Black*
Front Collar: *Carbon Black*
Center Band: *Carbon Black*
Front & Rear Backrest: *Fire Red Smooth Vinyl*
Side: *Ostrich Black Vinyl*
Stitch: *Orange Thread on Top*

RXTiS 255 (09), RXTiS 260 (10-12)



AZ-SEW882
RXT iS 255 (09),
RXT 260 & RXT-X 260 (12-13)



RXP-X (2012)

RXP-X 103 Series



SDRXPX103-B

Front, Spike & Tail: *Soft Suede Black*
Top & Rear/Top & Back Rear: *Diamond Plate Black*
Stitch: *Yellow Thread on Top*

RXP-X (2012)



AZ-SEW892
RXP-X 260 (12-13)

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R&D PERFORMANCE POWER PLENUM AIR FILTER KIT

The R&D High Performance Power Plenum Air Filter Kit was designed, developed and dyno tested exclusively for the new Yamaha SHO/FZR supercharged intake system to unleash low-end, mid-range, and peak horsepower trapped in the restrictive stock air box. The exclusive lightweight filter design couples to the OEM supercharger hose and is engineered with a large 6" x 10" x 6" plenum to deliver massive cubic air volume and improved air speed to the supercharger. Replacing the OEM air box with the R&D Filter kit offers an economical way to improve performance.

Description	Part No.
R&D FX-SHO (2008-11)*/FZR/FZS Performance Power Plenum Air Filter Kit	200-01801

This filter will not fit 2012 FX-SHO





R&D VXR/VXS POWER PLENUM FILTER KIT

The R&D High Performance Power Plenum Air Filter Kit was designed and developed exclusively for the new Yamaha 1.8 liter N/A engine. The R&D filter kit will unleash low-end, mid-range, and peak horsepower trapped in the restrictive stock air box. The exclusive lightweight filter design couples to the OEM throttle body through a tuned built in velocity stack. The engineered oversized Tear Drop plenum, delivers the velocity and cubic air volume needed to add power. Power Plenum Filters generate the maximum airflow and volume.

Description	Part No.
R&D VXR/VXS Power Plenum Filter Kit	200-01805



R&D FX-SHO/FZR/FZS POWER PLENUM FLAME ARRESTER FOR STOCK AIR BOX

The R&D High Flow Filter design replaces the restrictive stock filter inside the stock air box, allowing improved air flow. Why? Because more air flow means more power and improved performance. The washable and reusable design means this will be the last filter you will ever have to buy.

Description	Part No.
R&D FX-SHO (2008-12)/FZR/FZS/VXR/VXS Power Plenum Flame Arrester	200-01800



R&D COLD AIR INLET KIT

The R&D Cold Air Adaptor Kit is a simple kit that allows the front hatch cowling to be modified by simply boring a hole in the cowling insert (located on the bottom side of the hatch cover) and installing the R&D molded plastic hose flange adaptor with kit supplied pop rivets. The R&D Flange allows one of the existing air intake hoses to be connected to the flange. The result is an inexpensive way to ventilate the engine compartment with cool outside air. The Cold Air Adaptor kit will improve airflow to the engine allowing power and RPM gains.

Description	Part No.
R&D VXR/VXS Cold Air Inlet Kit	200-01806





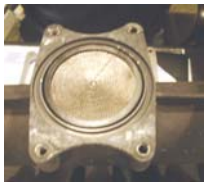
R&D FX-SHO/FZR/FZS PRO COMP COOL AIR FILTER KIT

The system is designed and tested with boost levels above 23 pounds and speeds of 92+ MPH. The R&D System utilizes an oversized specifically designed 7.25" x 5.5" x 6" teardrop shaped R&D Power Plenum Filter w/crankcase vent that rubber mounts in the space over the top left side of the gas tank. The system ducts its air supply to the supercharger via an "Indy Car style" 3.5" mandrel bent Aluminum tube and couples to the supercharger with a 90° Nomex tapered reduction elbow. Power Plenum Filters generate the maximum airflow and volume and install in minutes. Recommended for the R&D C1, C3, C5 and C20X Monster Supercharger Wheel kits and Superchargers.

Description		Part No.
R&D FX-SHO (2008-11)/FZR/FZS Pro Comp Cool Air Filter Kit		200-01802
R&D FX-SHO (2012) Pro Comp Cool Air Filter Kit	NEW	200-01804



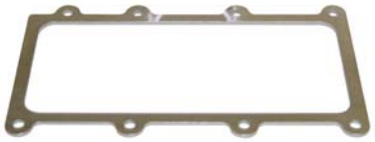
FOR INTAKE MANIFOLD



OEM



R&D



FOR INTERCOOLER

R&D FX-SHO POWER CORE INTAKE MANIFOLD/INTERCOOLER CFM KIT

The R&D FX-SHO/FZR/FZS Power Intake Manifold and Intercooler CFM Kit was developed to increase airflow into and through the intake system by relieving restrictions. The R&D FX-SHO/FZR/FZS intake manifold ribbon remover sleeve will unlock a 40 CFM (cubic feet per minute) air flow restriction by replacing the intake manifold ribbon with the R&D billet venturi sleeve. The R&D Intercooler Spacer will unlock a 30-35 CFM restriction in the intercooler. The R&D FX-SHO/FZR/FZS Intake Kit will add low end and mid range throttle response, and a full 100 plus rpms to top end performance to a stock FX-SHO/FZR/FZS. The R&D FX-SHO/FZR/FZS Intake Kit is an absolute must have parts kit to remove intake restrictions before contemplating power adding compressor booster wheels or turbo charger kits to the FX-SHO/FZR/FZS engine. True horsepower gains on the FX-SHO/FZR/FZS start right here with the R&D Intake Kit. More airflow will equal more power, and there is no other way around the fact that restricted is restricted power.

Description	Part No.
R&D FX-SHO (2008-12)/FZR/FZS Power Core Billet Intake Manifold Sleeve & Intercooler Spacer CFM Kit	612-18000
R&D FX-SHO (2008-12)/FZR/FZS Power Core Intake Manifold Sleeve Only	612-17998
R&D FX-SHO (2008-12)/FZR/FZS Intercooler CFM Spacer Only	612-17999
R&D VXR/VXS Power Sleeve Intake Manifold Upgrade Kit	232-18000

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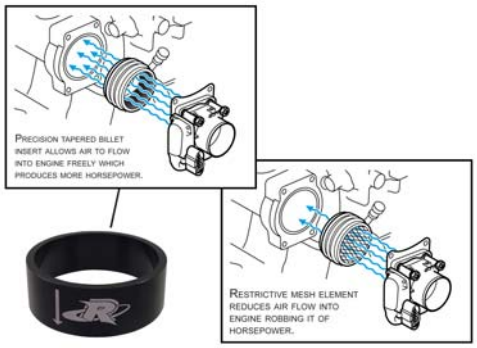
RIVA VXR/VXS POWER FILTER KIT

RIVA's VXR/VXS Power Filter is a true "cold air" intake system that draws cool air from outside your engine compartment delivering significant performance gains. Utilizes OEM hood scoop to feed air into an ultra-dry water trap system for reliable operation in rough water conditions. Cold air is delivered to engine via large 4" smooth-bore ducting that is secured to throttle body with unique velocity stack and sturdy billet clamps. Kit also includes an improved breather system that keeps hot oil vapor and crankcase fumes from entering your engine's air intake. Requires use of Engine Breather Uptake Kit (RY14040-EBUK-1)

Key Features:

- Delivers increased acceleration & top speed.
- True "cold air" system utilizes OEM hood scoop.
- Ultra-dry water trap keeps water out of system.
- Genuine screen type K&N Flame Arrestor & water repellent prefilter cover.
- Large 4" smooth-bore ducting attaches to engine via flow-matched velocity stack.
- Includes updated crankcase breather system for improved performance.

Description	Part No.
RIVA VXR/VXS Power Filter Kit	RY13060
RIVA Power Filter Only (for RY13060)	RK13090-2



RIVA YAMAHA 1.8L N/A ENGINE INTAKE MANIFOLD UPGRADE KIT

RIVA's Intake Manifold Upgrade Kit enables your 1.8L naturally aspirated engine to produce more horsepower by delivering increased air flow. Precision tapered billet sleeve directly replaces restrictive mesh element in the intake manifold. Provides improved low end punch and mid range pull through a quick & easy installation. Includes detailed installation instructions. NOTE: Testing has determined the stock ECU will compensate for the increased air flow provided by the Intake Manifold Upgrade Kit. Requires RIVA Power Filter Kit to meet U.S. Coast Guard certified flame arrestor requirements. IJSBA Stock Class Legal.

Description	Part No.
RIVA Yamaha 1.8L N/A Engine Intake Manifold Upgrade Kit (VXR/VXS)	RY12055-IMUK



RIVA PERFORMANCE YAMAHA FX-SHO/FZR/FZS POWER FILTER KIT

The RIVA Power Filter feeds your FX-SHO, FZS or FZR a steady diet of cool air delivering greatly improved acceleration and rpm. Replaces restrictive stock air box with a high-volume, precision-formed intake duct that attaches to the supercharger via a large 4" adapter. Cool air enters the system via an oversized K&N filter element. Includes water-repellent pre-filter.

Description	Part No.
RIVA FX-SHO (2008-11)/FZR/FZS (2009-12) Performance Power Filter Kit	RY13040
RIVA FX-SHO (2012-13) Performance Power Filter Kit	RY13070
RIVA Power Filter Only (for RY13040)	RK13090-2



RIVA FX-SHO/FZR/FZS INTAKE MANIFOLD UPGRADE KIT

RIVA's Intake Manifold Upgrade Kit enables your engine to produce more horsepower by delivering increased air flow and boost pressure (+1lb). Precision tapered billet sleeve directly replaces restrictive mesh element in the intake manifold. Provides improved low end punch and mid range pull through a quick & easy installation. Includes detailed installation instructions. *NOTE: Testing has determined the stock ECU will compensate for the increased boost provided by our Intake Manifold Upgrade Kit.*

Description	Part No.
RIVA FX-SHO/FZR/FZS Intake Manifold Upgrade Kit	RY12040-IMUK

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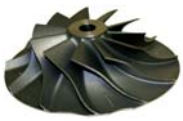
R&D FX-SHO/FZR/FZS C1 MONSTER CHARGER WHEEL

R&D's new C1 - 11 Blade Series Monster Compressor Wheel Kit for Yamaha FX-SHO/FZS/FZR engines is new and improved to deliver "horsepower you can feel" with instant throttle response, improved mid range acceleration, and increased top end performance. The R&D Monster Wheel replaces the stock wheels inefficient 5 blade design with an all new modern low profile, high flow, 11 blade high tech design. Fits directly into the OEM stock compressor housing with no modifications. The C1 - 11 Monster works with the OEM intercooler, OEM fuel injectors, OEM ignition system and the R&D Intake CFM Kit. Kit performs well on 91 octane pump gasoline. Boost rated 7psi @ 7500rpm and 8.5psi @ 7700rpm. Horsepower increases were professionally documented by MOTEC AUSTRALIA.

- Increased boost pressure (3-3.5psi over stock @ 7700 rpm)
- Increased airflow (1.5-2 pound per minute gain)
- 25-30 Horsepower increase and 2 MPH Gain (with OEM ignition)
- 70 Horsepower increase (with MoTeC ECU, CFM kit, 91 pump gas)
- Precision balanced (turbo specs .012-.027 gram inches)
- Better throttle response, increased horsepower • Ultra easy installation
- 91 octane pump gas friendly • Inexpensive horsepower upgrade

The C1 Wheel Kit works excellent for recreational use applications retaining the OEM ignition, fuel system, injectors, and intercooler. R&D has data logged and documented the A.F.R. (air to fuel ratio) to be a conservative and safe 11.8-12.0 with the C1 wheel kit. R&D recommends that the R&D Power Core Intake Manifold and intercooler CFM kit or the R&D Stage 1 Intercooler Kit be used with the C1 wheel.

Description	Part No.
R&D FX-SHO/FZR/FZS C1 Monster Charger Wheel	612-25001





R&D FX-SHO/FZR/FZS C3 MONSTER CHARGER WHEEL

R&D's new C3 - 11 Blade Series Racing Monster Compressor Wheel Kit for Yamaha FX-SHO/FZS/FZR engines is an exciting new racing product that will deliver "horsepower you can feel" with instant throttle response, aggressively improved low and mid range acceleration, and increased top end performance. The R&D Monster Wheel replaces the stock wheels low performing 5 blade design with a modern low profile, high flow 11 blade high tech design with a larger exducer diameter to move more air flow at lower rpm's producing better holeshot horsepower. The R&D C3 Monster Wheel and R&D Exducer Seal Plate Kit will install directly into the OEM stock compressor housing with no modifications. The C3 Racing Monster will require the R&D High Performance Intercooler Kit, and an R&D Impeller upgrade. The C3 - 11 performs well on 91 octane pump gasoline. Boost rated 10psi @ 7700rpm and 13psi @8300rpm. The new R&D 11 blade series compressor wheels offer the highest levels of airflow and horsepower gains available for the 1.8 Yamaha engine using the stock ECU.

- Increased boost pressure (5psi over stock @ 7700 rpm)
- Increased airflow (2.5-3 pound per minute gain)
- 35+ Horsepower increase and 2 MPH Gain (with stock ECU)
- 300+ Horsepower using aftermarket ECU (MOTEC)
- Precision balanced (turbo specs .012-.027 gram inches)
- Utilizes OEM ignition system with R&D Impeller Upgrade
- Utilizes OEM fuel injectors • 91 octane pump gas friendly

NOTE: The C3 Monster Wheel Kit will require pump impeller upgrades over the C1 impeller suggestions.

Description	Part No.
R&D FX-SHO/FZR/FZS C3 Monster Charger Wheel	612-25003





R&D SHO/FZR/FZS C5 MONSTER CHARGER WHEEL

The new "drop-in" R&D C5 Monster Compressor Wheel and Exducer Seal Plate Kit installs directly into the OEM supercharger without any modification. The new C5 delivers "horsepower you can feel" with instant throttle response, aggressively improved low and mid range acceleration, and intensified top end performance. The new C5 features a light weight, high flow, 8 blade design with 8 supporting splitter veins and an increased exducer diameter over stock. R&D's large exducer diameter and aggressive blade design is the key to improving CFM airflow volume throughout the RPM range. The oversized exducer diameter increases the size of the supercharger by enhancing air pumping volume and efficiency. The C5 out performs any OEM sized compressor wheel in its boost pressure classification.

The R&D Monster Wheel Kit produces 14-15 pound per minute airflow gain with a solid 15-16 pounds of boost pressure @ 8400-8500 rpm, 17+ @ 8700-8800 rpm. The new drop-in R&D C5 also offers superior off throttle surge reduction over other 15-16 pound boost wheels. The new R&D C5 series compressor wheels offer the highest levels of airflow and horsepower gains available for the 1.8L Yamaha engine in the 15-17 pound boost range. A properly tuned C5 set up (with supporting modifications) can produce well over 325 horsepower. In addition, no other rotating group on the market is lighter or more powerful than the new C5 Monster Wheel combined with the R&D Billet Supercharger Shaft.

In sum, the R&D C5 Monster Wheel and Shaft weighs less, has less surge, rockets to 80 in less seconds and carves through corners in less time than any other wheel and shaft in its class. Hit the throttle, hang on and discover the astounding sensation that's called Power!

- Aggressive throttle response, increased horsepower
- Increased boost pressure (10psi over stock @ 8500 rpm)
- Increased airflow volume (14-15 pound per minute gain)
- 100+ horsepower increase (with R&D R3 ECU)
- 325+ horsepower using aftermarket ECU
- Precision balanced (turbo specs .012-.027 gram inches)
- Utilizes OEM Reprogrammed R3 ECU ignition system
- Utilizes OEM fuel injectors w/R&D RRFPR, R3, and Powershot
- 91 octane pump gas friendly with R3 ECU
- Less weight and surge
- Easy installation

C5 Modification Requirements:
R&D High Performance Pro Series Intercooler Kit w/R&D Greddy BOV
R&D Rising Rate Fuel Pressure Regulator Kit
R&D R3 ECU upgrade to allow 8500-8850 RPM
R&D Powershot
R&D Engine/intercooler Cooling Kit
R&D Twin Prop

NOTE: The C5 Monster Wheel will work best in sea level to 2000 ft. elevations, or in ambient air temperatures between 60 and 100 degrees. NOTE: The C5 Monster Wheel Kit will require serious impeller upgrades.

Description	Part No.
R&D SHO/FZR/FZS C5 Monster Charger Wheel	612-25005

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R&D FX-SHO/FZR/FZS C8 MONSTER WHEEL

The new "drop-in" R&D C8 Monster Compressor Wheel and Exducer Seal Plate Kit installs directly into the OEM supercharger without any modification. The new C8 delivers "horsepower you can feel" with instant throttle response, aggressively improved low and mid range acceleration, and intensified top end performance. The new C8 features a light weight, high flow, 8 blade design with 8 supporting splitter veins and an increased exducer compression height over stock. R&D's larger exducer height and aggressive blade design is the key to improving CFM airflow volume throughout the RPM range. The increased exducer height dimension increases the size of the supercharger by enhancing air pumping volume and efficiency. The C8 out performs any OEM sized compressor wheel in its boost pressure classification. After all, its airflow volume gains that increase horsepower.

The R&D Monster Wheel Kit produces 18 plus pounds of boost pressure @ 8700-8900 rpm, 16+ @ 8500-8600 rpm. The new drop-in R&D C8 also offers superior off throttle surge over other 16-18 pound boost wheels. Less surge increases supercharger clutch reliability.

The new R&D C8 series compressor wheels offer the highest levels of airflow and horsepower gains available for the 1.8L Yamaha engine. A properly tuned C8 set up (with supporting modifications) can produce well over 325+ horsepower. In addition, the rotating group of the new C8 Monster Wheel combined with the R&D Billet Supercharger Shaft is the undisputed Light Weight Champ, no other rotating group on the market is lighter or more powerful.

Less is More
In sum, the R&D C8 Monster Wheel and Shaft weighs less, has far less surge over competitors' wheel kits, rockets to 80 in less seconds and carves through corners in less time than any other wheel and shaft on the planet. Hit the throttle, hang on and discover the astounding sensation that less IS more …much, much more.

- Aggressive throttle response, increased horsepower
- Increased boost pressure (12psi over stock @ 8800 rpm)
- Increased airflow volume (14-15 pound per minute gain)
- 100+ horsepower increase (with R&D R3 ECU)
- 350+ horsepower w/supporting parts
- Precision balanced (turbo specs .012-.027 gram inches)
- Utilizes OEM Reprogrammed R3 ECU ignition system
- Utilizes OEM fuel injectors w/R&D RRFPR, R3, and Powershot
- 91 octane pump gas friendly with R3 ECU
- Less weight and surge
- Easy installation

C8 Modification Requirements:
R&D High Performance Pro Series Intercooler Kit w/R&D Greddy BOV
R&D Rising Rate Fuel Pressure Regulator Kit
R&D R3 ECU upgrade to allow 8500-8850 RPM
R&D Powershot
R&D Engine/intercooler Cooling Kit
R&D Twin Prop

Boost rating: 12psi @ 7800rpm 15/16psi @ 8400-8500rpm
17psi @ 8700-8800rpm 18psi @ 9200-9500rpm

NOTE: The C8 Monster Wheel will work best in sea level to 2000 ft. elevations, or in ambient air temperatures between 60 and 100 degrees. NOTE: The C5 Monster Wheel Kit will require serious pump impeller upgrades.

Description	Part No.
R&D FZR C8 Monster Charger Wheel	612-25008



R&D FX-SHO/FZR/FZS C20X MONSTER WHEEL

Twenty pounds of boost now available. R&D's leading the way in performance with the new C20X Racing Monster Compressor Wheel Kit for the Yamaha FX-SHO, FZ, and FZR. The C20X delivers arm stretching power like you have never experienced. The C20X pumps out 18 pounds of boost @ 8500-8700 rpm and 20 pounds of boost @ 9000 rpm with a 17.5-18.5 pound per minute airflow gain through its high flow 8 blade wheel design featuring oversized inducer and exducer wheel diameters. R&D's large inducer and exducer wheel diameters along with an aggressive blade design are the key to improving CFM airflow volume throughout the RPM range. The oversized inducer and exducer diameters increase the size of the supercharger by enhancing air pumping volume and efficiency. After all, its airflow volume gains that increase horsepower. The C20X Racing Monster wheel requires the R&D High Performance Pro Series Intercooler Kit, R&D 1000cc Fuel Injectors, R&D Rising Rate Fuel Pressure Regulator Kit, and an aftermarket ECU (MoTeC or ViPEC) upgrade to allow proper engine tuning. R&D also suggests upgrading to R&D Forged Racing Rods and Performance Pistons. The new R&D C20X is for Racing use only and requires 110 octane racing fuel. Boost rated to 18 plus at 8500-8700 and 20 pounds at 9000. The new R&D C20X series compressor wheels offer the highest levels of airflow and horsepower gains available for the 1.8 Yamaha engine. Aftermarket ignition systems and a C20X Monster properly tuned can achieve up to 400 Horsepower. The new C20X will require a shop service to bore out your compressor front housing to except the larger C20X compressor wheel. For those customers that have previously purchased the C5 - 11 and already have the shop service to the compressor front housing, just order the C20X wheel kit and change out the wheel. No other supercharger compressor wheel kit has stolen more holeshots and won more National and Offshore Titles than the R&D Monster Wheel Kits. If 20 pounds of boost is truly what you're looking for, well look no further. The new C20X has been tested against all other existing wheels on the market and is guaranteed to blow them away!

- Aggressive throttle response, increased horsepower
- Increased boost pressure (+12psi over stock @ 8700 rpm)
- Increased airflow (17.5-18.5 pound per minute gain)
- 150-175 horsepower increase
- Aftermarket ECU REQUIRED (MOTEC M400/ViPEC)
- Aftermarket R&D Fuel Injectors REQUIRED
- Aftermarket R&D RRFPR REQUIRED
- Precision balanced (turbo specs .012-.027 gram inches)
- Utilizes OEM fuel injectors w/R&D RRFPR, R2 and Powershot
- VP C12 octane RACE gas friendly
- Easy installation

NOTE: The R&D C20X Monster Compressor Wheel delivers a 17.5-18.5 lb. per minute airflow gain (approximately 150 plus horsepower at sea level at 8500 rpm's). Pound per air volume gain is based on the rate of 1 pound of air gain per minute for every 8-10 H.P. gain. The C20X Monster Wheel will work best in sea level to 2000 ft. elevations, or in ambient air temperatures between 60 and 100 degrees. R&D strongly suggests that the R&D High Performance Racing Intercooler Kit, Aftermarket ECU, R&D RRFPR be installed with the C20X Kit. Trust the pros at R&D to boost up your airflow volume, after all, its airflow volume gains that increase horsepower. NOTE: The C20X Monster Wheel Kit requires serious pump impeller upgrades.

Description	Part No.
R&D C20X Monster Wheel And Exducer Kit Only	612-25006
R&D C20X Monster Wheel And Exducer Kit with Machining Service to your Front Housing	612-25007
R&D Watercooled Supercharger Cover for C20X	612-24001

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R&D FZR C19 MONSTER PRO LIMITED WHEEL KIT

R&D now offers the new C19 Monster Pro Limited Wheel Kit. The new Billet C19 Monster Compressor Wheel is specifically developed to pump maximum boost and CFM possible utilizing the OEM compressor housing. R&D has taken full advantage of the IJSBA's new rule allowance to change out the compressor wheel backing plate to an aftermarket part. R&D has increased the exducer size and deck area to pump as much air as the stock housings will possibly allow with bolt in parts. The C19 pumps out 19 pounds of boost @ 8600-8800 rpm and up to 20 pounds of boost @ 9000 rpm. The C19's large exducer wheel diameters along with an aggressive blade design are the key to pumping more CFM airflow volume throughout the entire RPM range. The new R&D C19 series compressor wheels offer the highest levels of boost, CFM airflow, and horsepower gains available for the 1.8 Yamaha engine in Pro Limited Class category. The R&D C19 Monster Wheel, R&D Racing Camshafts, and a properly tuned fuel and E.F.I. system can achieve up to 400 horsepower.

If "Max Boost" is truly what you're looking for, look no further. The new C19 has been tested against all other existing wheels on the market that fall into Pro Limited Class Specs, and has proven to out boost and out power them all! The C19 wheel requires the use of an intercooler system capable of flowing 500 CFM (Most on the market are not even close to 500 CFM and are restrictive). R&D suggests the use of an R&D Racing Intercooler Kit (600+ CFM rated), R&D Rising Rate (adjustable) Fuel Pressure Regulator Kit, R&D Super Clutch System and an R&D Pro Limited ECU Program upgrade to ensure proper engine tuning, and proven (safe) rev control functions. R&D also suggests upgrading to R&D 8.6-1 Forged Racing Pistons.

- Aggressive throttle response, increased horsepower
- Increased boost pressure up to 20 pounds (boost will vary depending on cam spec data)
- Increased airflow (20 pound per minute gain over stock)
- 150-175 horsepower increase over stock @205-210) (depending on cam spec data)
- R&D ECU Reprogramming **REQUIRED** (specify fuel type)
- R&D aftermarket fuel pump system **REQUIRED**
- R&D fuel pressure regulator **REQUIRED**
- VP MS109 octane RACE gas friendly

NOTE: The R&D C19X Monster Compressor Wheel delivers 41-42 pounds of air per minute, that's and additional 20 pound per minute airflow gain over a stock compressor. Pound per air volume gain is based on the rate of .9 pound of air gain per minute for every 8-10 H.P. gain. The C19 Monster Wheel will work best in sea level to 2000 ft. elevations, or in ambient air temperatures between 60 and 100 degrees. The C19 Monster Wheel Kit power output will require serious pump assembly, impeller, and compression nozzle upgrades. Call R&D for the latest in pump assembly and impeller suggestions.
IJSBA Limited Class legal.

Description	Part No.
R&D Billet C19 Monster Wheel Kit	612-25009

R&D C1, C3, C5 and C19 all fit the OEM housing without any modification.



R&D FZR C24 MONSTER WHEEL & WATER COOLED COMPRESSOR HOUSING KIT

R&D now offers the new C24 Monster Wheel & Water Cooled Compressor Housing Kit. The new Billet C24 Monster Compressor Wheel and Water-cooled Housing System can pump up to 24 pounds of boost utilizing the OEM cams and cam timing. The C24 pumps out 20-22 pounds of boost @ 8600-8800 rpm and 24 pounds of boost @ 9000 rpm. The C24's large inducer and exducer wheel diameters along with an aggressive blade design are the key to pumping more CFM airflow volume throughout the entire RPM range. The R&D C24 series compressor wheels offer the highest levels of airflow and horsepower gains available for the 1.8 Yamaha engine. The R&D C24 Monster Wheel, R&D Racing Camshafts, and a properly tuned ECU and EFI. system can achieve well over 425+ horsepower. *The C24 Water Cooled system was used by Ron Allison to win the 2011 HydroDrag Pro Super Stock Speed Alley competition.*

The C24 wheel requires the use of an intercooler system capable of flowing 500-600 CFM. (Most on the market are not even close and are restrictive) R&D suggests the use of an R&D High Performance Intercooler Kit (600+ CFM rated), R&D 1000cc Fuel Injectors, R&D Rising Rate (adjustable) Fuel Pressure Regulator Kit, and an R&D R12 ECU Program upgrade to the stock ECU to ensure proper engine tuning, and proven (safe) rev control functions. R&D also suggests upgrading to R&D Forged Racing Rods and Performance Pistons.

- Aggressive throttle response, increased horsepower
- Increased boost pressure up to 24 pounds (boost will vary depending on cam spec data)
- Increased airflow (26 pound per minute gain over stock) (49 pounds total at 450 h.p.)
- 220-240 horsepower increase over stock @205-210 (with supporting modifications)
- R&D R12 ECU Reprogramming **REQUIRED**
- R&D 1000cc Fuel Injectors **REQUIRED**
- R&D fuel pressure regulator **REQUIRED**
- VP C12 octane RACE gas friendly
- Installs on to the OEM Supercharger with no modifications

NOTE: The R&D C24X Monster Compressor Wheel delivers a 49-50 pounds of air per minute, that's and additional 26 pound per minute airflow gain over a stock compressor. Pound per air volume gain is based on the rate of .9-1 pound of air gain per minute for every 8-10 H.P. gain. The C24 Monster Wheel will work best in sea level to 2000 ft. elevations, or in ambient air temperatures between 60 and 100 degrees. The C24 Monster Wheel Kit power output will requires serious pump assembly, impeller, and compression nozzle upgrades. Call R&D for the latest in pump assembly and impeller suggestions.

Description	Part No.
R&D Billet C24 Monster Wheel and Water Cooled Compressor Housing Kit	612-25010
R&D Billet C24 Monster Wheel Kit	612-25011

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R&D FZR WATER-COOLED SUPERCHARGER SYSTEM

Ever wonder why the supercharger is so HOT? Heat is a derivative of compressed air (boost). The more boost pressure, the hotter the supercharger gets. The engineers at R&D understand the key in producing more horsepower and maximizing performance, is managing heat.

R&D is proud to announce the new Water-Cooled Supercharger Housing System. The new R&D Water-Cooled Supercharger System is fully water jacketed and eliminates heat at its source, the Supercharger. The new system replaces the OEM inducer cover and mounts directly to the OEM Supercharger body.

The system features a High Performance Volute (intake air path), Internal Anti-Surge Port, 100% Water-Cooling and a custom R&D Power Plenum Air Filter. Now since the Supercharger is the coolest part in the engine compartment and runs at lake temperature, it only made sense to design a custom R&D Power Plenum Air Filter that would take full advantage of the new found cool air, now located directly in front of the Supercharger.

System installs in 45 minutes and comes complete with all necessary hardware and pictorial instructions.

Performance Benefits: Up to 200° F cooler supercharger temperature, cooler and denser intake air, decreased engine compartment temperature, improved clutch life through Internal Anti-Surge Port, increased RPM (up to 200 rpm), increased boost pressure, improved top speed, no heat fade, consistent peak engine rpm.

Fitment: The R&D Water-Cooled System fits all supercharger wheels that fit into the OEM charger housing.

Description	Part No.
R&D SHO/FZR/FZS Water-Cooled OEM Supercharger System for (C1, C3, and C5)	612-24000
R&D SHO/FZR/FZS Water-Cooled Supercharger System (For C20X)	612-24001



NEW



200-01803

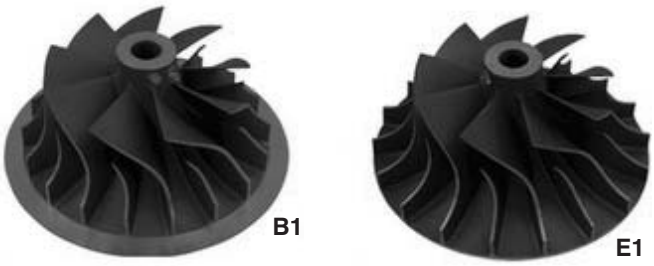
R&D FZR PRO COMP 4" FILTER KIT

Description		Part No.
R&D FZR Pro Comp 4" Filter Kit Designed to Mount to the Watercooled Housing	NEW	200-01803



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RIVA FX-SHO/FZR SUPERCHARGER IMPELLERS

RIVA Racing released the ultimate (drop-in) performance supercharger impellers for the Yamaha 1.8 liter FX-SHO Engine! Working closely with Vortech Engineers, RIVA designed these impellers to deliver more horsepower and torque throughout the RPM range resulting in excellent acceleration and top speed. Investment cast from an extremely strong, lightweight proprietary aluminum and CNC machined to ensure exact tolerances. All new blade design is optimized aerodynamically and precision balanced to deliver smooth operation. Installs easily into stock supercharger housing with no modifications required. Includes detailed installation instructions.
B1 produces 11.5psi @ 7,700rpm • E1 produces 16psi @ 8,000rpm

NOTE: Both impellers require use of aftermarket engine management system for proper calibration

Description	Part No.
RIVA FX-SHO/FZR S/C Impeller - 11.5 psi	**RY17040-SCI-B1**
RIVA FX-SHO/FZR S/C Impeller - 16 psi	**RY17040-SCI-E1**



RIVA FX-SHO/FZ 'H1' RACE CHARGER IMPELLER & HOUSING

The 'H1' Race Charger was designed for serious racers and tuners who demand the ultimate performance gains. H1 Impeller and housing combo delivers 20psi of boost pressure at 8,500rpm producing up to 400hp on modified engines. High performance impeller and housing combo increase horsepower through superior blade design and larger interior housing volume. Impeller features a sophisticated HKS blade design that is precision balanced for smooth operation. Requires aftermarket ECU and upgraded engine components for proper calibration and durability.

FOR COMPETITION USE ONLY. RIVA Racing is not liable for possible damage to associated parts or labor costs incurred due to the installation of this racing component.

Performance Data:
- 16.5psi @ 7,500rpm
- 17psi @ 7,700rpm
- 18psi @ 8,000rpm
- 20psi @ 8,500rpm

Description	Part No.
RIVA FX-SHO/FZ 'H1' Race Charger Impeller & Housing	**RY17040-IH-H1**

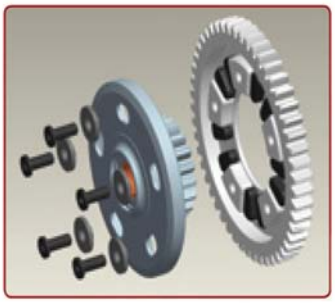


R&D SPECIALTY SUPERCHARGER TOOLS

R&D has designed custom tools that are essential in the rebuilding process of the Yamaha Supercharger. All tools are specific in application and are CNC machined to ensure a precision job.

Description	Part No.
A. R&D Supercharger Housing Holder Bracket Tool	**612-92010**
B. R&D Shaft/Gear Holding Tool	**612-92011**





RIVA SUPERCHARGER GEAR DAMPENER

RIVA's damper unit is designed to protect gear teeth & sprag clutch on supercharger drive system. Dampener features innovative cushioning mechanism that insulates gears from harsh clutch engagement. Directly replaces OEM intermediate gear located between clutch and supercharger shaft. Constructed with superior materials and thicker gear teeth than OEM. Designed to be used with new style 2011-12 Yamaha clutch (part# 6S5-17800-10-00) and RIVA Supercharger Shaft Upgrade Kits.

Key Features Include:
- Dampener mechanism protects supercharger drive gears.
- Improves sprag clutch durability.
- Stronger materials and thicker gear teeth than OEM.
- Directly replaces OEM intermediate gear.
- No auxiliary clutch systems or maintenance required.
- Superior bearing material & thickness.
- Use with new style 2011-12 Yamaha clutch and RIVA Supercharger Shaft Kits.
- Manufactured exclusively for RIVA Racing by HKS.

Description	Part No.
RIVA Supercharger Gear Dampener, 19T	**RY17040-SGD-6S5**
RIVA Supercharger Gear Dampener, 18T	**RY17040-SGD-6S5-20**

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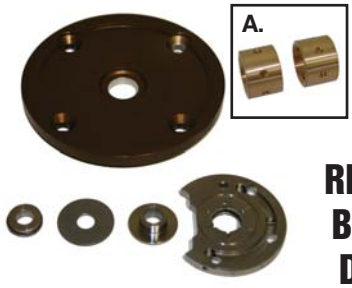
R&D YAMAHA SHO/FZR BILLET SUPERCHARGER SHAFT KIT

R&D's new High Performance Billet Supercharger Shaft eliminates the weak design features of the OEM and aftermarket HKS supercharger shafts. After analyzing the OEM HKS shaft design and sorting through the various failures we had with it while testing our popular Monster S/C Wheels, we developed a superior shaft design. The new R&D shaft is not a copy of the fragile HKS design. Rather, it is a completely new design, superior in material strength and improved in every way. The new R&D Shaft is precision CNC machined, heat treated, and precision ground from billet steel alloy. Featuring a uni-structure design that incorporates the shaft and gear as one billet piece, much like a transmission shaft. This eliminates the fracture point on the OEM design where the gear shears off the end of the shaft. The billet design will not allow the gear to slip under high boost loads like the pressed on OEM gear.

Next R&D increased the inadequate 6mm thread diameter on the OEM shaft to utilize a well proven "Turbo spec" LARGER 5/16-24 left handed thread that will not break under extreme conditions. The larger thread diameter will also allow wheel torque specs to be increased safely.

Lastly, R&D reduced the weight of the R&D Supercharger shaft by eliminating the hex nut on rear the gear and lightened the end of the shaft/gear inside diameter to significantly reduce reciprocating weight. We all know what that will do to add to clutch performance. Kit comes complete with larger nut and installation instructions. All in all, the new R&D High Performance Billet Racing Shaft is not just a replacement shaft, but a solution to end all supercharger shaft problems.

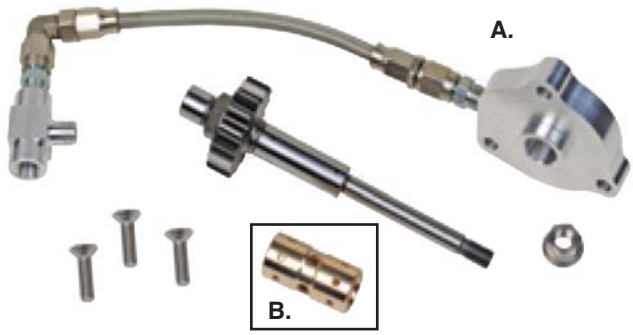
Description	Part No.
R&D FX-SHO/FZR Billet Supercharger Shaft Kit	612-25020



R&D FX-SHO/FZR HIGH PERFORMANCE SUPERCHARGER REPLACEMENT THRUST BEARING/SEAL KITS & DUPLEX BEARING KIT

R&D offers an answer to both repairing & upgrading the OEM superchargers vulnerable thrust bearing and main shaft bearing assemblies. Engines with superchargers running higher boost pressures and higher rpm frequencies will eventually need bearing servicing. Servicing the supercharger main bearings periodically or upgrading to R&D's new "Duplex Bearing System" will extend the life of the superchargers thrust bearing significantly. R&D offers both standard replacement bearing kits, and the new "Duplex Bearing Kit" that will work in any Yamaha supercharger. R&D also offers complete rebuild kits for stock superchargers running C1 Monster Wheel Kits and all supercharger wheel kits using the stock exducer size. R&D also offers rebuild kits for all C3, C5, C7 Monster Wheel Kits with larger exducers.

Description	Part No.
A. R&D OEM Replacement Bearing Kit (stock/ltd class legal)	612-25025
R&D Supercharger Rebuild Kit with **OEM** Exducer/Thrust Bearing Assembly Kit	612-25028
R&D Supercharger Rebuild Kit with **C3/C5** Exducer/Thrust Bearing Assembly Kit	612-25030



RIVA 'GEN-3' SUPER-DUTY SUPERCHARGER SHAFT KIT

RIVA's Super-Duty 'GEN-3' Supercharger Shaft Kit provides the ultimate in reliability for high boost applications. Kit features a revolutionary hydraulic shaft stabilization bearing that limits shaft deflection and wear. Bearing stabilizes end of supercharger shaft via high pressure oil film dramatically increasing the stability of the system. Hydraulic end bearing and one-piece shaft bearing are fed by a through-shaft oiling system providing superior lubrication. Oil is delivered by braided stainless line and injected into a billet end cap that houses hydraulic bearing. Shaft is precision machined from a single piece of high strength billet steel producing shaft, collar & gear as one piece. This eliminates the common failure point on stock shafts where OEM gear is pressed onto shaft. Shaft also features larger diameter threads & nut for added strength. Kit includes new one piece bearing with increased surface area providing improved torsional stability of shaft. Bearing features superior materials & finish treatment for reduced friction & abrasion resistance. This Shaft & Bearing Kit is a direct replacement for OEM parts and requires no additional modifications for use.

Key Features Include:
- Hydraulic end bearing minimizes shaft deflection.
- Through-shaft oiling system maximizes lubrication.
- Braided stainless steel oil line delivers additional lubrication.
- One piece shaft/collar/gear construction.
- Stronger billet material & superior surface finish.
- Larger diameter threads & nut.
- One-piece bearing improves shaft stability.
- Bolt-on installation (no machining required).
- Manufactured exclusively for RIVA Racing by HKS.

Description	Part No.
A. RIVA 'Gen-3' Super-Duty Supercharger Shaft Kit for FZR/FZS & FX-SHO	RY17040-UK-6S5-3
B. RIVA Heavy-Duty Supercharger Bearings Only	RY17040-HDSCB-6S5



2012 Hot Products IJSBA
Mark Hahn Memorial Havasu 300
Glen Perry of Skat-Trak with Son Mike Perry
and Team Mate Mark Conroy

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R&D YAMAHA SUPERCLUTCH

The R&D Superclutch elevates all clutch performance aspects to a higher level. The Superclutch is a supplemental clutch system that is designed "specifically" for the Yamaha to be used along with the OEM Sprag drive system. The R&D clutch design utilizes an "Oil-Loaded" Friction Disc design which will dampen constantly changing rotational mass energies, and aggressive moment of inertia shock loads that have proven to over stress the OEM Sprag clutch drive and cause failures.

The new R&D Superclutch and shaft system is CNC machined from premium billet steel alloy, heat treated, and precision ground between centers to strict aircraft tolerances. This R&D system features a unique one-piece billet shaft design that utilizes a proven high pressure, through-shaft oiling technique to lubricate the billet drive gear bearing, clutch system friction discs, and the "all important" additional rear third bearing. The Superclutch shaft features (an R&D standard) oversized threads and a flanged nut proven in design to not fatigue or break under extreme conditions and allows charger impeller torque specs to be increased safely.

The R&D Superclutch drive gear is machined from billet steel alloy, heat treated for proper hardness, and the tooth profile is precision CNC ground to OEM Yamaha specifications. The clutch surfaces of the R&D gear features special "oil-holding" wiper slots that provide improved oiling to increase lubrication to the clutch discs. The R&D clutch discs are precision machined, heat treated, and ground to exact tolerance utilizing only the finest materials tested and proven to be the best in these type systems.

The R&D third bearing support design is integrated into a new back housing cover machined from billet aluminum with a creative precision alignment flange to insure 100% trueness and support to the third bearing. The third bearing assembly adds a tremendous amount of shaft support which will keep the shaft in line and free from the stresses of "gear climb". The third bearing assembly will also relieve stresses on the chargers main thrust system. For Periodic clutch maintenance and adjustments, R&D has made it easy. The clutch slip can be adjusted easily, and clutch discs inspected and or changed out without removing the shaft from the supercharger with the special tool kit provided with each system.

Minor machine work is required to the rear of the supercharger housing in order to achieve proper drive gear alignment (mating to the jack gear) and to true up the back cast surface so the third bearing housing cover mounts precision and true to the shaft centerline position. Machining is available from R&D, or your local machine shop can follow the kit supplied blue print.

Key Features Include:
- Precision one piece shaft design
- Billet drive gear with precision ground tooth profile to Yamaha Spec.
- Billet drive gear is precision oil sleeved (No needle bearings)
- Large turbo type compressor sized threads
- Unique clutch oiling system offers reduced clutch wear and galling prevention
- Rear (3RD) bearing support system offers precision centering and alignment
- Rear (3rd) bearing reduces front thrust stack stress and premature wear
- Easy maintenance and adjustments allowed with No Main shaft Disassembly
- Easy clutch adjustments and servicing with kit supplied tool kit

Description	Part No.
R&D FX-SHO/FZR Competition Clutch-Shaft	612-19200
R&D FX-SHO/FZR Clutch Disc Rebuild Kit	612-19201





R&D SUPERCHARGER CLUTCH REMOVAL TOOL

This R&D tool enables the clutch to be changed in a matter of only minutes. With the supercharger and front engine cover removed the tool drops down through the case and secures the drive gear at the front of the crankshaft from rotating when the clutch is removed and installed. This is a "must have" tool that will save massive amounts of time for any mechanic.

Description	Part No.
R&D FX-SHO/FZR Supercharger Clutch Removal Tool	612-92012



R&D FRONT ENGINE COVER GASKET

R&D's new Front Cover Gasket features a metal reinforced center that enables it to be reusable when servicing the supercharger clutch.

Description	Part No.
R&D FX-SHO/FZR/VXR/VXS Front Engine Cover Gasket	080-21024



R&D SUPERCHARGER BLOCK-OFF PLATE

The R&D Supercharger Block-off Plate is designed to seal the case on the front of the engine that is exposed when the supercharger is removed for a Turbo application.

Description	Part No.
R&D Supercharger Block-off Plate	612-19100



R&D FX-SHO/FZR/FZS SILICONE INTAKE HOSE KIT

The R&D Yamaha FX-SHO/FZR/FZS Supercharger High Performance Hose Kit was developed while testing the R&D Monster Compressor Wheel Kits. Higher boost pressures create higher intake air temperatures of up to 235 degrees. The OEM standard black rubber hose and standard hose clamps just do not hold up to the pressures and heat like high quality, high temperature silicone hose and high strength stainless steel T-bolt style hose clamps. The R&D "Blue Hose" is manufactured from high performance, turbo charger quality high-temperature silicone. The R&D silicone hose installs easily in place of the OEM rubber elbow hose, and T-bolt clamps will keep the hose secure for the longest of endurance races.

Description	Part No.
R&D FX-SHO/FZR/FZS Silicone Intake Hose Kit	612-18007

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R&D/TIAL 50MM SURGE/BLOWOFF VALVE KIT

A.



B.



R&D announces the release of the new R&D/Tial 50mm Surge/Blow-off Valve Kit. R&D has been committed to on going research for any part that proves to be an aid in reducing the inherent and well known clutch issues related to running high performance boost wheels and high boost pressures in the Yamaha 1.8 Supercharged engine. R&D has noticed a significant reduction in clutch related issues in high boost ranges by "Going Big". R&D engineers have concluded through endurance testing that the new 50mm R&D/Tial Valve with its huge 50mm lightweight billet aluminum piston, and 6 massive (bigger than any other valve) pressure relief ports, to outperform the smaller (25-35mm) HKS Sequential, and 35mm Greddy RZ Valves. The trick R&D has found with this valve is, in aggressive off throttle situations with a gear driven supercharger the big Tial 50mm piston responds quickly to allow the reduction of boost pressure which relieves back pressure that can affect the clutch. The new 50mm design also has a much larger diaphragm over HKS and Greddy, which helps the piston react quicker to relieve pressure. If you are running Boost Wheels that produce over 15 pounds of boost, R&D strongly suggests looking into a larger valve setup. It only stands to reason that with higher boost pressures, a larger valve can allow quicker discharge of air volume. Valve kit comes complete with Aluminum weld-on adaptor, o-ring seal, billet Aluminum V-clamp, and banjo style vacuum fitting.

- Aggressive throttle response, increased horsepower from a better seal
- Increased boost pressures over smaller valves that don't seal well
- Improved valve action with larger diaphragm and variable spring control
- Improved clutch performance from reduced off throttle back pressures
- Precision sequential valve operation
- Installs easy and clean to the OEM intercooler inlet/outlet
- Works well on R&D Pro Series Intercoolers

Description	Part No.
A. R&D/Tial 50mm BOV Valve Only	**613-95263**
B. R&D/Tial 50mm BOV Kit	**612-18009**

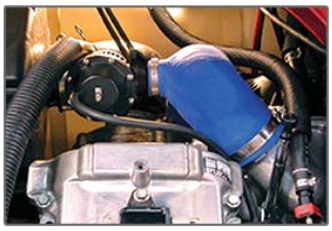


R&D FX-SHO/FZR SURGE PROTECTOR KIT

The R&D Yamaha FX-SHO/FZR Surge Protector Kit will significantly improve supercharger clutch and compressor wheel performance and reliability by eliminating damaging compressor surge. The R&D Surge Protection Kit utilizes an automotive vacuum assisted Bosch pressure blow off valve that releases the unwanted intake pressure between the throttle valve and the supercharger thus keeping the pressures in P1 and P2 equal. As soon as the throttle valve is opened, the blow off valve immediately closes and the compressor can supply its full boost potentials to the engine. The R&D surge hose is manufactured from high performance, high-temperature silicone with an integrated molded riser for the blow off valve to function without hindering intake flow or velocity. The R&D kit installs easily in place of the OEM rubber elbow joint with no modifications. The R&D Pressure Port installs between the MAP sensor and the MAP sensor bracket with a "bolt on" part. The R&D Surge Protection Kit is a necessary and cost effective upgrade for the Yamaha FX-SHO/FZR supercharged engine. The R&D kit comes completely assembled with silicone elbow, blow off valve, R&D B.O.V. filter, mounting hardware and instructions.

Description	Part No.
R&D FX-SHO/FZR Surge Protector Kit	**612-18008**





RIVA FX-SHO/FZR PERFORMANCE BLOW-OFF VALVE KIT

RIVA Performance Blow-off Valve Kit improves supercharger reliability and performance by relieving unwanted pressure during off-throttle operation. Reduces supercharger clutch & gear wear and eliminates heat soak in discharge tube. High-strength silicone hose with integrated HKS valve installs easily in place of OEM elbow joint. Includes high quality HKS Super SQV (Super Sequential Blow Off Valve) that features unique sequential valve structure and a differential pressure control system, allowing for a broad operation boost range. Also includes vacuum line and fittings necessary for installation on FX-SHO engine. A simple and cost effective upgrade for both stock and modified engines.

Description	Part No.
RIVA FX-SHO/FZR Performance Blow-off Valve Kit	**RY17040-BV**



RIVA FX-SHO/FZR BLOW-OFF VALVE KIT

High quality HKS Blow-off Valve reduces wear and tear on clutch & drive gears of supercharger and eliminates heat soak in discharge tube. For use with RIVA FX-SHO/FZR Power Cooler (part# RY17040-PC-1). HKS Super SQV (Super Sequential Blow Off Valve) features unique sequential valve structure and a differential pressure control system, allowing for a broad operation boost range. Includes vacuum line and specific fittings necessary for installation.

Description	Part No.
RIVA FX-SHO/FZR Blow-Off Valve Kit	**RY17040-BOV-SSQV**

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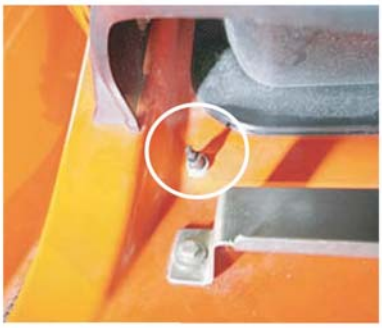


R&D FX-SHO/FZR STAGE 1 INTERCOOLER CORE KIT

The R&D Yamaha FX SHO/FZR Stage 1 Intercooler Core Kit was developed to replace the over restrictive OEM intercooler with an inexpensive direct replacement core that will bolt in to the OEM stock location with all stock hardware. The R&D Intercooler Core reduces the deadhead air restriction (similar to the R&D Intake Core Kit) that is created when installing a C1 Monster compressor wheel with a 3-4 pound boost pressure gain. The R&D Intercooler offers better cooling efficiency with an aluminum 8 core design.

- Flows 40 CFM more than stock
- 3 pounds lighter than stock
- Improves cooling efficiency
- Bolts directly into stock location
- Increases horsepower by reducing restrictions
- Works great with C1 compressor wheel
- Retains OEM flushing system for maintenance

Description	Part No.
R&D FX-SHO/FZR/FZS Stage 1 Intercooler Core Kit	612-18001







INTERCOOLER/SUPERCHARGER LUBRICATION KIT

This kit will allow you to spray a aerosol lubricant of your choice into the supercharger, intercooler and throttle body to prevent rust from the excess moisture in the system. Complete instructions, pictures and a diagram supplied for a simple installation.

Description	Part No.
A. Yamaha/Sea-Doo Spray Nozzle Inlet for Lubrication	IWCS-SSU
B. Replacement Plug for Nozzle Inlet Kit	IWCS-SU-P





R&D YAMAHA FX-SHO/FZR PRO LIMITED INTERCOOLER KIT

The R&D Yamaha FX-SHO/FZ/FZR Pro Limited Intercooler Kit was developed to directly replace the restrictive OEM intercooler. The new R&D design offers high performance affordable intercooling that will bolt into the OEM stock location utilizing the OEM inlet cover, and all stock hoses and hardware.

The new R&D design is IJSBA & APBA Limited Class legal, complying with rule book regulating aftermarket intercooler size. The R&D Intercooler has been specifically designed, sized, and routed to also comply with the IJSBA's 25% rule. The Intercooler Kit is constructed from aircraft aluminum and is extremely easy to install, removes quick for cleaning and winter storage, is ultra strong, and rubber mounted so vibration will not compromise the long term performance. The R&D intercooler offers better cooling efficiency through a aluminum core design that easily out performs cheaper inefficient intercooler cores known to crack, leak and cause extreme detonation. The R&D intercooler core will flow more air, deliver better cooling efficiency, and allow C1 and C3 Monster Wheel to live up to their airflow volume and power potential. The new R&D design drastically reduces deadhead air restriction producing ultra responsive "POWER NOW" acceleration all the way through the RPM range. The R&D Pro Limited Intercooler Kit has also incorporated an integral flange which will allow the easy bolt on addition of a Greddy RZ Blow-off valve which can be adjusted to regulate boost, and compressor surge blow-off under deceleration.

- Significantly improves cooling efficiency
- Flows 40 CFM more than stock
- Bolts directly into stock location w/oem hardware
- Increases overall horsepower
- Aggressive holeshot and mid range acceleration
- Works great with C1 or C3 Monster compressor wheels
- Retains OEM flushing system for maintenance
- IJSBA. and APBA Limited Class Legal (Rule 7.8.3.)

*7.8.3 AIR/FUEL DELIVERY — FOUR-STROKE (RUNABOUTS ONLY) Turbocharger impeller or supercharger impeller may be modified or aftermarket. The impeller housing must remain stock as supplied by the manufacturer. Intercoolers may be modified or aftermarket. Intercooler heat exchange surface area may not be increased by more than 25%.

Description	Part No.
R&D Yamaha SHO/FZ/FZR Pro Limited Intercooler Kit	612-18004

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R&D PRO SERIES RACING INTERCOOLER KIT

The "All New" R&D Yamaha SHO/FZ/FZR Pro Series Racing Intercooler Kit was developed starting with a clean sheet of paper and several key factors in mind. We wanted to build an intercooler system that offered the easiest of installation, easiest to maintain, looks like an indy car part, keeps the air cooler than it looks, and most importantly, be non restrictive to allow maximum CFM airflow for maximum horsepower.

The new R&D Pro Series Racing Intercooler Kit is constructed from aircraft aluminum and is extremely easy to install, removes quick for cleaning and winter storage, is ultra strong, and rubber mounted so vibration will not compromise the long term performance.

This new intercooler system has been tested against every manufacturer's current intercooler designs, and has proven to out flow, out cool, and out perform them all. The R&D intercooler offers better cooling efficiency through its "made in the USA" aluminum core design that easily out performs cheaper inefficient intercooler cores known to crack, leak and cause extreme detonation. The R&D Pro Series intercooler core will flow more air, deliver better cooling efficiency, and allow C1-C24X Monster Wheels to live up to their airflow volume and power potential.

Tested to easily allow 30 PSI of boost @ 90-100 degree air temp, the new R&D Pro Series Racing Intercooler design drastically reduces deadhead air restriction producing ultra responsive "POWER NOW" acceleration all the way through the RPM range. All data and air temp was logged with a MoTeC M400 with i2 logging software. It should be noted that pressure data was taken in the plenum with the stock MAP sensor and backed up with a mechanical gauge.

The R&D Pro Series Racing Intercooler Kit also has an incorporated integral flange which will allow the bolt on addition of an R&D/Tial 50mm Blow-off valve (Pt. # 613-95263 sold separately) which superbly regulates compressor surge or blow-off under deceleration.

- Significantly improves cooling efficiency
- Flows 90-100 CFM more than stock (allows 60 pounds of unrestricted air)
- Bolts directly into stock air box location w/OEM studs and rubber grommet hardware
- Increases overall horsepower (core size/area allows up to 600 horsepower)
- Aggressive holeshot and mid range acceleration
- Works great with any R&D Monster compressor wheels
- Retains OEM flushing system for maintenance
- IJSBA and APBA Limited Class and Pro Open Legal

Description	Part No.
R&D Pro Series Racing Intercooler Kit	612-18005



RIVA 'GEN-2' POWER COOLER KIT

The RIVA 'GEN-2' Power Cooler intercooler system features a new high-capacity cooler element that is rated for up to 500hp! Huge cooler core resists heat soak under the most demanding high boost/high temperature applications. Delivers an increase of 20 peak horsepower over OEM intercooler providing arm-wrenching results on the water. Quality manufacturing of cooler core delivers minimal pressure drops and excellent thermal efficiency. The cooling element is dramatically more efficient than the stock unit with exit temperatures averaging 60°F cooler than stock. This delivers cooler, denser air for increased performance throughout the RPM range. Innovative design allows easy disassembly of cooler element & ducting for maintenance and cleaning. Features integrated blow-off valve mount that will accept RIVA/HKS Blow-Off Valve kit (sold separately) for improved supercharger reliability and performance. Power Cooler installs securely with shock absorbing rubber mounting system and stainless steel hardware. Kit contains all necessary hardware and detailed installation instructions.

Key Features Include:

- Large cooler element rated for 500hp.
- Designed to allow easy disassembly of cooler element & ducting for cleaning.
- Integrated mount for optional RIVA/HKS Blow-Off Valve Kit (sold separately).
- Includes billet "high flow" pump strainer providing a dedicated waterline to Power Cooler.
- Replaceable sacrificial zinc anodes protect cooler element from corrosion.
- Quick release flushing system keeps Power Cooler at peak performance.

Note: Power Cooler requires use of one of the following components:

- RIVA FX-SHO/FZ Power Cooler Blow-off Valve Kit (part# RY17040-BOV-SSQV)
- RIVA Blow-off Valve Block-off Kit (part# RY17040-BVBO-SSQV)

Description	Part No.
RIVA 'Gen-2' Power Cooler Kit FX-SHO/FZ	RY17040-PC-1
RIVA Universal Filter Kit	RY1013-SDF-UK

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R&D FX-SHO/FZR/FZS INTERCOOLER COOLING KIT

The R&D Yamaha FX-SHO/FZR/FZS Intercooler Temperature Control system was developed to offer an inexpensive complete bolt on kit that will allow the full performance and cooling potential the OEM intercooler has to offer for recreational applications. Intercooler core water temperatures have a range of affect on the supercharged air temperatures that enter into the engine. The Yamaha SHO Intercooler operates on a single low pressure (10 P.S.I.) line of lake temperature water to cool the intercooler. R&D has found that by adding an additional intercooler water in line, and adding an additional water out line and bypass fitting, there will be double the water flow volume at 20 P.S.I. Reduced intercooler core temperatures can add a noticeable increase in low end and midrange power along with reduced detonation. R&D offers a range of machined flow control fittings to allow water volume control tuning for intercooler temperature adjustments for warm lake water and extreme hot air conditions. R&D also offers a pressure relief blowoff valve kit for high water volume flow rates on higher boost Stage 1 and up engine kits. The R&D Kit will allow temperature tuning that will deliver surprising results. Unlock hidden performance and power potential in the OEM stock intercooler or aftermarket intercooler system by reducing intercooler core temperatures.

- More horsepower with cooler intake air temperatures
- Increased acceleration and mid range performance
- Reduces detonation in hot weather conditions
- Temperature control tuneability
- An inexpensive recreational performance addition
- Pressure relief valve options
- Easy installation instruction

Description	Part No.
R&D FX-SHO/FZR/FZS Intercooler Cooling Kit	660-18000



R&D FX-SHO/FZR/FZS INTERCOOLER TEMPERATURE CONTROL PRESSURE RELIEF VALVE KIT

R&D also offers a pressure relief blowoff valve kit for high water volume flow rates on higher boost Stage 1 and up engine kits. The R&D kit will allow temperature tuning that will deliver surprising results. Unlock hidden performance and power potential in the OEM stock intercooler or aftermarket intercooler system by reducing intercooler core temperatures.

Description	Part No.
R&D FX-SHO/FZR/FZS Intercooler Temperature Control Pressure Relief Valve Kit	660-82511



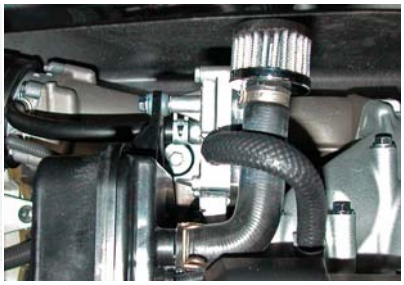
R&D YAMAHA FX-SHO/FZR ENGINE INTERCOOLER COOLING KIT

The R&D Yamaha FX-SHO/FZR Engine/Intercooler Cooling Kit was developed for high performance recreational and racing use. Extensive engine cooling and inlet air temperature testing using both MoTeC I2 and Innovate digital logging systems has proven the R&D High Performance Cooling Kit to offer double the water volume flow through the engine, oil cooler, and intercooler as well as increase water pressure. The OEM cooling system has a very low water pressure (10 P.S.I. at 7600 rpm's) and a low water volume flow. The new R&D kit will double the water volume which will lower intake air temperature by 15-20 degrees as well as lower engine block and head temperatures by 40-50 degrees. The additional oil cooler water line will lower engine oil temperatures by 15-20 degrees promoting better lubrication and increased engine cooling. The R&D Cooling Kit arrives 100 percent complete with pre-cut hoses, "T" connectors, dual line pump block, through hull bulkhead fittings, hose clamps, water by-pass fittings, the thermostat removal sealing washer, and detailed instructions with pictures. R&D recommends the cooling system to be upgraded as a stand alone performance upgrade and a must have kit addition when installing power adders such as R&D Supercharger Wheels, Engine Performance Parts, and Engine Management Kit parts. Cooler engine, inlet air, and oil temperatures produce higher horsepower with decrease detonation

- Better throttle response, increased horsepower
- Cooler header and under seat temperatures
- Increased power with cooler air inlet temperatures
- Cooler cylinder and cylinder head will reduce knock
- Cooler oil will lubricate better and last longer
- Increased engine protection
- Improved clutch performance with cooler oil

Description	Part No.
R&D SHO/FZR Engine/Intercooler Cooling Kit	660-18001





RIVA ENGINE BREATHER UPGRADE KIT

Easy to install Engine Breather Upgrade Kit eliminates power-robbing crankcase emissions from your engine's air intake. Increases horsepower by removing the engine's requirement to burn relatively non-combustible oil. Also improves intercooler efficiency by preventing the oil sludge coating that lowers thermal efficiency. Easy installation retains highly efficient OEM air/oil separator system. Kit includes pre-formed hose with attached K&N filter along with all necessary hardware & instructions.

Description		Part No.
RIVA Engine Breather Upgrade Kit YAM 1.8L (2008-11)		RY19040-EBUK-I
RIVA Engine Breather Upgrade Kit YAM 1.8L (2012)	NEW	RY19040-12-EBUK

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RIVA FX-SHO/FZR STOCK INTERCOOLER UPGRADE KIT

The RIVA Intercooler Upgrade Kit delivers a huge performance gain to your stock intercooler system. The cost efficient upgrade kit features billet aluminum spacers that increase the end tank capacity and water flow in and out of the OEM intercooler.

Key Benefits Include:
- Intercooler exit temps average 30-degrees cooler than stock.
- Increased horsepower with cooler, denser air temps.
- No drilling or machining required to OEM intercooler.
- Includes billet "high-flow" pump strainer providing a second dedicated waterline to intercooler.
- Replaceable sacrificial zinc anode protects cooling system from corrosion.
- IJSBA/APBA Stock Class Legal.

Description	Part No.
RIVA FX-SHO/FZR Stock Intercooler Upgrade Kit	**RY17040-ICUK**



ENGINE BLOCK THERMOSTAT KIT COOLING OPTION

The R&D Block Thermostat Kit Option was developed to offer a way to run "Dual Thermostats" to the engines cooling system to control and allow warm up and pre heat cycles to take place.

Engine Block and Head cooling on the Yamaha Engine becomes difficult when running high compression ratios, higher boost levels, and aggressively advanced ignition timing. R&D has found that multiple cooling lines need to be added to the cooling system to provide enough volume to keep temperatures stable and in check. The problem is the Single OEM thermostat is too restrictive and doesn't allow enough water volume flow to reduce temperatures with the added cooling lines. R&D has found a way to add an additional thermostat that allows enough water flow volume to cool the engine and head and retain the OEM method for engine pre heat or warm up. The R&D Kit installs as a bolt on kit directly in place of the corrosion anode. Running two thermostats allows enough water flow to cool the engine properly. The R&D thermostat kit option will start to open at 120 degrees, and will allow full flow at 140 degrees. The OEM stock thermostat opens at 118-126 degrees and allows full flow at 140 degrees. Having two thermostats installed that are full open at 140 degrees, and flow enough water volume, will help to keep engine block temperatures to between an ideal 150-175 degrees. R&D has done extensive testing with the engineers at MoTeC both on the Dyno and on the water to determine that 150-160 degrees block temperatures is where the most peak power is, any hotter and power diminishes. The R&D dual thermostat kit will be a must have addition where engines are being run in extreme cold water and weather conditions. There has been many debates over these theories, and until now there has been no way around extended warm up cycles to bring engine temps up before high engine loads can be applied. R&D has found a way to end the debate and give everyone what they are looking for in a complete cooling system.

Description	Part No.
R&D SHO/FZR/FZS/VXR/VXS	**660-18004**



RY10040-ECUK-1



RY10040-ECUK-PC

RIVA FX-SHO/FZ ENGINE COOLING UPGRADE KITS

The RIVA Engine Cooling Upgrade Kit delivers dramatically improved cooling efficiency to engine and oil cooler for increased reliability & performance. Greatly enhances water flow & pressure by replacing restrictive OEM water fittings with high-flow billet fittings and superior routing. Allows the addition of aftermarket ECU's, high-boost compressor wheels and other performance modifications that can increase heat & detonation. Includes all necessary water lines, hardware, fittings and detailed installation instructions.

Applications:
- 2011 & newer SHO Craft using **Riva Power Cooler Kit** (RY17040-PC) order RY10040-ECUK-PC-11.
- 2011 & newer SHO Craft using **RIVA OEM Intercooler Upgrade Kit** (RY17040-ICUK) order RY10040-ECUK-I-11.
- 2011 & newer HO Craft order RY10040-ECUK-NA-11.
- 2008-10 Sho Craft using **Riva Power Cooler Kit** (RY17040-PC) order RY10040-ECUK-I.
- 2008-10 Sho Craft using **RIVA OEM Intercooler Upgrade Kit** (RY17040-ICUK) order RY10040-ECUK-I.

Description	Part No.
Engine Cooling Upgrade Kit PC (2011 & Newer)	**RY10040-ECUK-PC-11**
Engine Cooling Upgrade Kit IC (2011 & Newer)	**RY10040-ECUK-I-11**
Engine Cooling Upgrade Kit, NA	**RY10040-ECUK-NA-11**
Engine Cooling Upgrade Kit PC (2008-10)	**RY10040-ECUK-PC**
Engine Cooling Upgrade Kit IC (2008-10)	**RY10040-ECUK-I**

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RIVA REAR EXHAUST KIT

RIVA Racing Rear Exhaust Kit delivers performance and cutting-edge style. Allows for removal of restrictive sound suppression system located between waterbox and hull exit. Improves engine performance by reducing back pressure and restriction. Includes mandrel bent aluminum exhaust tube that is powder coated to prevent corrosion, large billet through-hull exhaust outlet, billet OEM exhaust outlet block-off and high-temp silicone couplers along with all necessary mounting hardware & installation.

Description		Part No.
RIVA Racing FZR/FZS Rear Exhaust Kit		RY15050
RIVA Racing FX-SHO (2008-11) Rear Exhaust Kit		RY15040
RIVA Racing VXR/VXS Rear Exhaust Kit	NEW	RY15060
RIVA Racing FX-SHO & FX-HO 2012 & Newer Exhaust Kit	NEW	RY15070

NEW



RIVA FX SHO/FZR FREE FLOW EXHAUST KIT

Replaces the restrictive sound suppression system located between the water box and hull exit on your watercraft. Improves engine performance by reducing back pressure and harmful detonation. Includes mandrel bent aluminum tubing that is powder coated to prevent corrosion, high-temp silicone replacement coupler and installation instructions.

Description		Part No.
A. RIVA FX-SHO/FZR/FZS Free Flow Exhaust Kit		RY16040
B. RIVA 2012 & Newer FX-SHO & FX HO Free Flow Exhaust Kit	NEW	RY16070
RIVA VXR/VXS Free Flow Exhaust Kit	NEW	RY16060



R&D FX-SHO/FZR/FZS HIGH FLOW EXHAUST KIT

The R&D SHO High Flow Exhaust Kit will add a noticeable low end and mid range power feel as well as add top end performance! The R&D High Flow Exhaust Kit will add a great performance sound to the SHO while maintaining a safe and under IJSBA and Coast Guard approved 86 db!

Description	Part No.
RIVA FX-SHO (08-11)/FZR/FZS High Flow Exhaust Kit	332-18000



R&D BILLET EXHAUST OUTLET

The new R&D Billet Exhaust Outlet.

Description	Part No.
R&D 3" Diameter Billet Exhaust Outlet	331-30000
R&D 2.75" Diameter Billet Exhaust Outlet	331-32750



R&D HIGH TEMPERATURE SILICONE COUPLINGS

Description	Part No.
3" - 3" High Temp Silicone Couplings	061-30030
3" - 2" Reducer High Temp Silicone Couplings	061-32500
2.75" - 2.5" Reducer High Temp Silicone Couplings	061-32501
3" - 2.75" Reducer High Temp Silicone Couplings	061-32750



R&D EXHAUST RESONATOR REMOVAL KIT

The R&D Exhaust Resonator Removal Kit will allow the sound suppression ball to be removed and plugged. When removing the exhaust sound suppression ball and modifying the exhaust hose, low end response is gained and trapped hot exhaust gases can be evacuated quicker through less restriction or back pressure.

Description	Part No.
R&D VXR/VXS Exhaust Resonator Removal Kit	332-18005



RIVA FX-SHO/FZ PRO-SERIES WATER BOX

Developed on RIVA's Dyno and tested extensively on the water, this water box features radiused exhaust tubes and end caps for optimum exhaust flow. Unique exhaust baffle will increase the low-end power and mid-range pull of your Yamaha watercraft. Delivers up to 15hp on modified engines along with significant torque gains. High-strength aluminum construction will survive backfires and meltdowns. Powder coated to prevent corrosion.
A must for all modified motors.

Key Features:

- Delivers up to 15hp on modified craft!
- Machined hose flanges for reliable coupler retention.
- Radiused exhaust tubes & end caps.
- Powder coated to prevent corrosion.

Description	Part No.
RIVA FX-SHO (08-12)/FZ Pro Series Water Box	RY16041

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R&D FX-SHO/FZR/FZS/VXR/VXS FUEL PRESSURE REGULATOR KIT

R&D offers a Yamaha FX-SHO/FZR/FZS/VXR/VXS model specific fuel pressure regulator system allowing custom fuel pressure tuning to the EFI fuel systems fuel pressures. The R&D Fuel Pressure Regulator System offers a wide range of setup possibilities. Base fuel pressure is adjustable from 5 to 60 PSI. The R&D fuel pressure regulator can also be set up to allow "rising rate" fuel pressure at a 1 to 1 ratio (One pound of fuel pressure gain over base for every pound of boost gain). R&D offers two types of fuel pressure regulator set ups. Part #802-00080 will come completely assembled and ready to install. The R&D Pro System is 100 percent complete, installs directly to the top of the fuel tank, and connects directly to the fuel rail with OEM security lock connectors with no modifications. For the R&D Fuel Pressure Regulator only use part #801-25010, which comes complete with 90 degree barbed brass fittings for use with push on type hose and Oetiker style clamps for security. R&D offers high performance fuel hose that can be purchased by the foot, as well as the Oetiker style clamps. The R&D bypass style regulator system is capable of handling any fuel pump up to 250 GPH. Replace "Deadhead" regulator performance and experience the full flow volume and rock steady fuel pressure that only a dynamic R&D fuel pressure regulator kit can produce.

- Fuel pressure will rise on a 1:1 ratio when boost referenced
- All ports are 3/8" NPT, with one inlet, 3 outlets, and one return port on the bottom
- Beautiful type II bright dip anodized finish
- Bypass design produces the ultimate, dynamic fuel delivery system
- 3/8" pipe tapped for standard or AN fitting ready
- R&D offers pre-assembled #4 AN hose to finish off a return system
- R&D offers fuel hose by the foot for custom routing

Description	Part No.
R&D FX-SHO/FZR/FZS/VXR/VXS Fuel Pressure Regulator Kit (Shown above)	802-00080
R&D Fuel Pressure Regulator Only *(Fittings not included)*	801-25010



R&D-FX SHO/FZR/VXR/VXS IN-TANK FUEL PRESSURE REGULATOR BLOCK OFF KIT

R&D offers a Fuel Pressure Regulator Block off Kit which will allow the OEM stock in tank fuel pressure regulator to be removed, blocked off, and replaced with a billet part which is mandatory when installing an aftermarket externally adjustable fuel pressure regulator system. The OEM in tank fuel pressure regulator is fixed to maintain 40-43 pounds of fuel pressure at all times. For high performance applications where horsepower is boosted, it is necessary to install larger flowing fuel injectors and be able to tune the fuel pressure up or down as needed. Most factory race teams are running 65 plus pounds of fuel pressure along with higher flowing fuel injectors and externally adjustable pressure regulators. The R&D has a complete line up of fuel pumps, fuel injectors, fuel pressure regulators, fuel gauge, and fuel hose accessories all designed specifically for the Yamaha SHO. All R&D fuel injection parts and products meet Coast Guard, IJSBA, and APBA approval.

Description	Part No.
R&D FX-SHO/FZR/FZS/VXR/VXS In-Tank Fuel Pressure Regulator Block Off Kit	812-35257



RIVA FX-SHO/FZ RISING RATE FUEL PRESSURE REGULATOR KIT

RIVA Fuel Pressure Regulator Kit provides the precision pressure control necessary to compliment aftermarket ECU applications on the 'SHO' engine. Kit is fully assembled & mounts securely on top of fuel tank via sturdy aluminum bracket. High quality billet pressure regulator can adjust base pressure from 25 to 80 PSI. Unit can also be set up as rising rate fuel pressure regulator at a 1 to 1 ratio providing one additional pound of fuel pressure for every pound of boost gain. Plugs directly into original fuel system with OEM connectors and features a large 3/8" fuel return line that is routed through supplied rubber fuel tank cap. Includes integrated liquid-filled pressure gauge and billet Fuel Pressure Regulator Block-Off necessary for removal of stock fuel pressure regulator in fuel tank.

Key Features Include:

- Precision fuel pressure control with optional rising rate function.
- High quality stainless steel liquid-filled pressure gage.
- Large 3/8" fuel return line.
- Includes billet Fuel Pressure Regulator Block-Off.
- Easy bolt-on installation with OEM fuel connectors.
- Includes complete installation instructions & tuning guide.

Description	Part No.
RIVA Fuel Pressure Regulator Kit 2008-11 FX-SHO, All FZR/FZS	RY12040-RRFPR-6S5
RIVA Fuel Pressure Regulator Kit 2012 & Newer FX-SHO Models NEW	RY12070-RRFPR-6S5



R&D INLINE FUEL PRESSURE GAUGE ADAPTER

The R&D Fuel Pressure Gauge Adapter Tool is designed to be a plug in fuel pressure gauge that needs no modifications to install and use. Simply disconnect the OEM locking fuel connector from the fuel rail and plug the gauge tool directly into the connector. Plug the locking connector supplied on the R&D tool onto the fuel rail and lock. Use the tool to verify fuel pressure and fuel pump condition. Use the tool to set and verify base fuel pressure settings on the R&D Rising Rate Fuel Pressure Regulator (RRFPR). When finished, disconnect the tool and reconnect the stock fuel line. The Adapter installs inline between the OEM fuel rail and the R&D RRFPR via the OEM connectors for easy connect and disconnect. The R&D Tool works on both Yamaha and Kawasaki fuel systems. Installation time is only 2 minutes. Liquid filled fuel pressure gauge sold separately.

Description	Part No.
R&D Inline Fuel Pressure Gauge Adapter	612-00081
R&D Liquid Filled Fuel Pressure Gauge	900-02180

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NEW

RIVA YAM 1.8L BOOST CLAMP

RIVA's Boost Clamp will allow you to run up to 17psi of boost pressure in your Yamaha SHO engine when used with RIVA Fuel Pressure Regulator Kit and stock ECU. Device controls communication between stock MAP sensor and stock ECU to allow for higher boost levels and more power. The Boost Clamp is an integral part of RIVA Stage 2 SHO Engine Kit producing 260hp when combined with our recommended components. Installs quickly & easily with integrated waterproof connectors.

NOTE: *Not intended for use with RIVA/Vi-PEC ECU*

Description		Part No.
YAM 1.8L Boost Clamp 2011+	NEW	RY11740-BC-6BH
YAM 1.8L Boost Clamp 2008-10		RY11740-BC-6S5



R&D 2011 FZR MULTI-PRESSURE PORT BOOST GUAGE SURGE - RRFPR ADAPTOR KIT

The R&D Yamaha FZR/SHO Multi-Pressure Port Adaptor Kit will allow quick and easy hook up of a manual boost gauge, surge valve, and a raising rate fuel pressure regulator. The R&D Pressure Port Adaptor installs in the MAP sensor hose and has 3 ports that allow for the operation of a vacuum/boost gauge, check plenum air temperatures, operate a surge protection valve, and operate a boost referenced fuel pressure regulator (RRFRP), or any three of these applications at the same time with one simple part. The R&D Pressure Port Adaptor Kit comes complete with 12" of vacuum hose, multi-line fitting, 2 tube covers, nylon cable ties and instructions.

Description	Part No.
R&D 2011 FZR Multi-Pressure Port Boost Gauge Surge - RRFPR Adaptor Kit	612-92006



R&D FX-SHO/FZR/FZS MULTI-PRESSURE PORT BOOST GAUGE/SURGE/RRFPS ADAPTER KIT

The R&D Yamaha FX-SHO/FZR/FZS Multi-Pressure Port Adapter Kit will allow quick and easy hook up of digital or manual boost gauges with the R&D Multi-port billet Adapter. The R&D Pressure Port Adapter installs between the MAP sensor and the MAP sensor bracket as a "bolt on" part no with modifications. Operate a vacuum/boost gauge, check plenum air temperatures, and operate a surge protection valve at the same time, or run a boost gauge, surge protection device, and operate a boost referenced fuel pressure regulator (RRFPR) at the same time with one simple part. The R&D Pressure Port Adapter Kit comes complete with longer MAP sensor mounting screws, o-ring seals, nylon cable ties, all mounting hardware and instruction.

Description	Part No.
R&D (2008-10) FX-SHO/FZR/FZS Multi-Pressure Port Boost Gauge/Surge/RRFPS Adapter Kit	612-92005
R&D (2011+) FX-SHO/FZR/FZS Multi-Pressure Port Boost Gauge/Surge/RRFPS Adapter Kit	612-92006

NEW



R&D FX-SHO/FZR/FZS/VXR/VXS HIGH PERFORMANCE HIGH VOLUME FUEL PUMP KITS

R&D Performance carries a complete line up of high performance replacement fuel pumps that are machined specifically to fit the Yamaha FX-SHO/FZR/FZS fuel pump housing and are offered in a variety of flow ratings to facilitate from basic low cost replacement to an all out 500 H.P. race machine. All R&D FX-SHO/FZR/FZS fuel pumps have been precision flow rate tested and charted in (LPH) liters per hour. R&D FX-SHO/FZR/FZS fuel pumps arrive complete with Yamaha FX-SHO/FZR/FZS model specific installation instructions complete with detailed photos that will help make the fuel pump installation quick and easy.

NOTE: There are no modifications necessary to install the R&D fuel pump therefore switching back to the OEM fuel pump assembly is quick and easy as well.

Description	Part No.
R&D FX-SHO/FZR/FZS/VXR/VXS 190 LPH OEM Replacement Fuel Pump Kit	812-35190
R&D FX-SHO/FZR/FZS/VXR/VXS 255 LPH Low Pressure Fuel Pump Kit	812-35255
R&D FX-SHO/FZR/FZS/VXR/VXS 255 LPH High Pressure Fuel Pump Kit	812-35256



R&D #4 & #6 FUEL RETURN LINE KIT

R&D has developed a two larger fuel return line kits for the FX-SHO/FZR/FZS. Increasing the diameter of the fuel return line to #4 or #6, decreases line pressure and increases fuel volume, yielding increased tuning ability in high heat and higher performance applications.

Description	Part No.
R&D #4 Fuel Return Line	612-00082
R&D #6 Fuel Return Line	612-00083



2012 IJSBA Hot Products World Finals
Lake Havasu City, Arizona

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FX-SHO/FZ/VXR/VXS 725 CC/1000 CC PRO SERIES FUEL INJECTOR KIT

R&D Pro Series injectors offer increased fuel delivery over 525cc injectors. The new Pro Series injectors are offered in 725cc and 1000cc flow rates. Each set of injectors have been flow rate and voltage comp tested to insure linear accuracy and are shipped with a precision dead time (voltage compensation) chart that can be added into your aftermarket ECU's software program under battery compensations. R&D Pro Series injectors offer perfectly clean linear response performance from low idle all the way through the entire power range. R&D has flow rate tested the OEM Yamaha FX HO injectors and verified them to flow 396 cc at 43 PSI of fuel pressure, which rates them to flow 39 pounds of fuel per hour. The R&D Pro Series Fuel Injectors have been precision flow rate tested to 725cc at 43 PSI of fuel pressure, and 925cc at 70 PSI of fuel pressure, which rates them to flow as much as 92 pounds of fuel per hour. R&D fuel injectors perform excellent, delivering precise fuel flow at fuel pressure ratings ranging from 40 to 80 PSI. Each R&D injector set is packaged complete with all installation hardware, necessary harness interface connectors, voltage compensation chart, and instructions.

Description	Part No.
R&D Pro-Series 725cc Injectors (set of 4) ***Flow Rate:*** 725cc at 43.5 Pounds of Pressure =72 Pounds Per Fuel Hour Fuel Flow. ***Flow Rate:*** 925cc at 70.0 Pounds of Pressure =92 Pounds Per Fuel Hour Fuel Flow.	**812-18001**
R&D Pro-Series 1000cc Injectors (set of 4) ***Flow Rate:*** 1000cc at 43.5 Pounds of Pressure =100 Pounds Per Fuel Hour Fuel Flow. ***Flow Rate:*** 1225cc at 70.0 Pounds of Pressure =120 Pounds Per Fuel Hour Fuel Flow.	**812-18002**



A.

B.

NEW R&D FX-SHO/FZR/FZS O2 SENSOR MOUNT KIT

The new R&D O2 sensor mount kit makes installing an AFR gauge a breeze on the Yamaha FX-SHO, FZR, FZS, FX140, HO, GPR, and VX110. It simply replaces the OEM plug and installs directly into the OEM pipe without any modifications. Kit comes complete with installation tool. AFR gauge sold separately.

Description	Part No.
A. FX-SHO Pre 2012/ FZR/FZS/FX140/HO/GPR/VX110/VXR/VXS O2 Sensor Mount Kit NEW	**332-18010**
B. FX-SHO 2012+/ FZR/SHO/FXHO/VXR/VXS O2 Sensor Adaptor	**332-18009**



R&D O2 SENSOR WRENCH

The R&D O2 Sensor wrench is custom designed with crows feet ends to allow easy installation or removal of the Oxygen sensor made by Bosch.

Description	Part No.
R&D O2 Sensor Wrench	**332-18011**



RIVA PRO-SERIES YAMAHA FUEL INJECTORS

Our high impedance fuel injector kit delivers additional fuel to modified engines for high boost applications. 100lb (1,000cc) injectors are for use with aftermarket ECU for correct calibration. Kit includes injectors, plug and play adapters, fuel rail spacers and detailed installation instructions. Fits 2009-12 FX-SHO & FZ models.

Description	Part No.
RIVA Pro-Series Yamaha Fuel Injectors	**RY12040-I-KIT-100**



RIVA FX SHO/FZ 3 BAR MAP SENSOR KIT

Do you plan on running over 14.7psi of boost? If so, RIVA's 3 Bar MAP Sensor Kit is essential for accurate engine management with high boost applications. High quality 3 Bar MAP Sensor will measure up to 29.7psi, where the OEM 2 Bar MAP Sensor will only measure up to 14.7psi. It is critical to provide accurate pressure information to your aftermarket ECU to ensure proper air/fuel mixture and data logging. RIVA 3 Bar MAP Sensor mounts directly in place of OEM sensor with stainless bracket and plugs directly into OEM wiring harness.

Description	Part No.
RIVA FX-SHO 2008-10/FZ 3 Bar Map Sensor Kit	**RY11740-MS-3**
RIVA FX-SHO 2011 & Newer 3 Bar Map Sensor Kit NEW	**RY11741-MS-3-11**



RIVA VX SPEED REDUCTION KIT

Specifically designed to limit the top speed of Yamaha VX models for rental applications. Reduces top speed from 52mph (stock) to 45mph with kit installed. Also reduces fuel consumption by approximately 25%. Kit installs easily onto throttle position unit in front of craft. Effectively limits wide open throttle position with oversized throttle wheel. Kit includes billet throttle wheel, stainless steel throttle cable bracket, all necessary mounting hardware and detailed installation instructions.

Description	Part No.
RIVA VX Speed Reduction Kit	**RY1200TW-30-1**

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FX-SHO/FZR HIGH PERFORMANCE R&D ECU REPROGRAMMING SERVICES

DOLLAR FOR DOLLAR UNBEATABLE PERFORMANCE: R&D is proud to announce our new line up of Yamaha FZR and SHO ECU reprogramming services. The engineering staff at R&D have been testing and developing ECU programs to allow new performance levels to be reached for recreational enthusiasts and racers who are interested in more performance through reprogrammed the OEM ECU. Entry level programs will allow the enjoyment of a raised RPM limit settings, advanced ignition timing, re-calibrated fuel map, as well as the internal boost limiter raised to allow R&D Monster Wheels to work to full potentials. There are several performance levels to choose from that work with stock or R&D C1, C3, and C5 Monster Wheels or any wheel kit rated up to 18 pounds of boost. Programs offered are recreational performance tuned with safe AFR values, and can be further custom tuned (Richened) to accommodate additional boost levels. Existing customers who have purchased an R&D Powershot Fuel Control Unit can send their units in to R&D for free upgraded re-programming to allow custom fuel tuning to work with the new ECU Programs. R&D Powershot Fuel Control Units are not required on entry recreational level (R1, R2, or R3) programs using stock, C1, or C3 Wheels. However, custom fuel tuning with the Powershot Fuel Tuner can be an add-on or additional upgrade that is suggested for higher performance applications such as C5 Monster Wheel Kits. Fuel tuning or AFR conditions should always be checked and verified as values will always be slightly different from one engine set up to another. Higher performing programs are continuously under development and will be announced through updates on the R&D website, so stay tuned. Custom program files can also be performed to accommodate just about any combination of performance level or type of fuel being used. R&D strongly suggests that AFR tuning be periodically verified using Innovate Products LM1 or LC1 Logging Kit also available from R&D.

Part #802-01801 R&D R1 ECU; Reprogrammed ECU to allow up to 8450 RPM's, Raised Boost limiter to allow up to 18 pounds boost, and upgraded ignition timing safe for all recreational and offshore racing use. R1 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost. 89 octane safe with stock and C1 wheels, 91 octane pump fuel use is recommended for C3 and C5. The R1 program file does not require a Powershot Fuel Tuner for use with C1 and C3 Monster Wheels.

Part #802-01802 R&D R2 ECU; Reprogrammed ECU to allow 8750 RPM's, Raised Boost limiter to 17 pounds, advanced ignition timing for high performance recreational use. R2 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost. 91 octane pump fuel should be used with R2 reprogram. 93-95 octane fuel is recommended for closed course racing conditions where high engine loads are present. The R2 program file does not require a Powershot Fuel Tuner for use with C1 and C3 Monster Wheels.

Part #802-01803 R&D R3 ECU; Reprogrammed ECU to allow 8850 RPM's, eliminated Boost limiter, aggressively advanced ignition timing in the low end areas and softer high rpm settings in the peak boost areas for high performance recreational use. R3 works great with C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost. 91-93 octane pump fuel should be used with R3 reprogram with OEM 8.6-1 pistons and cams. R&D suggests 100 plus octane fuel when using 9.5-1 pistons, RC1 Cams, and R&D Pro Tune Adjustable Cam Gear Kits. NOTE: The R3 program file does not require a Powershot Fuel Tuner for use with C1 and C3 Monster Wheels. Use the Powershot for custom fuel tuning with C5 wheel kits. NOTE: The R&D RRFPR Kit is required when using the R&D C5 Monster Wheel Kit.

Part #802-01803V R&D R3 VF ECU; Reprogrammed ECU allows the use of variable fuels. Run 91 octane at 12-13 pounds (180 kpa) of peak boost, and run 98 or 100LL Aviation fuel when boost pressure is adjusted to 15-18 pounds. The program allows 8850 RPM's, eliminated Boost limiter, aggressively advanced ignition timing in the low end areas and softer high rpm settings in the peak boost areas for high performance recreational use. R3 VF works great with C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost. 91-93 octane pump fuel should be used with R3 VF reprogram with OEM 8.6-1 pistons and cams at 12-13 pounds. R&D suggests 100 plus octane fuel when using 9.5-1 pistons, RC1 Cams, and R&D Pro Tune Adjustable Cam Gear Kits. NOTE: The R3 VF program file does not require a Powershot Fuel Tuner for use with C1 and C3 Monster Wheels. Use the Powershot for custom fuel tuning with C5 wheel kits. NOTE: The R&D RRFPR Kit is required when using the R&D C5 Monster Wheel Kit. NOTE: Adjusting the peak boost pressure is done via the R&D/GReddy adjustable boost level/surge protection valve. The R3 VF Program allows the recreational rider/racer the flexibility to race on Sunday with 15-18 pounds of boost and aggressive timing with 100 octane Aviation fuel, and still be able to take the family out for weekend fun with 91 octane pump gas when boost is adjusted back to 10-13 pounds. NO need for switching booster wheels to attain lower boost and lower rpm settings. Another great feature available only from R&D!

Part #802-01804 R&D R4 ECU; Reprogrammed ECU to allow 8850 RPM's, eliminated Boost limiter, aggressively advanced ignition timing that requires 100 octane Aviation fuel for high performance Pro Stock or Pro Limited racing use. R4 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost.

Part #802-01805 R&D R5 ECU; Reprogrammed ECU to allow 8950 RPM's, eliminated Boost limiter, aggressively advanced ignition timing that requires VP MS 109 race gas for high performance Pro Stock or Pro Limited racing use. R5 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost.

Part #802-01806 R&D R6 ECU; Reprogrammed ECU to allow 9000 RPM's, eliminated Boost limiter, aggressively advanced ignition timing that requires VP MS 109E fuel for high performance Pro Stock or Pro Limited racing use. R6 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost.

Part #802-01807 R&D R7 ECU; Reprogrammed ECU to allow 9000 RPM's, eliminated Boost limiter, aggressively advanced ignition timing that requires VP C12 race gas for high performance Pro Stock or Pro Limited racing use. R7 works great with stock, C1, C3, or C5 Monster Wheel Kits, or any wheel kit rated up to 18 pounds of boost.

Part #802-01808 R&D R8 ECU; Reprogrammed ECU for 725cc injectors @ 52 psi fuel pressure, 8750 RPM's, eliminated Boost limiter, advanced ignition timing requires 91 octane pump gas for high performance recreational use. R8 is designed for the C5 Monster Wheel Kit or any wheel kit rated for 18 pounds of boost.

Part #802-01809 R&D R9 ECU; Reprogrammed ECU for 725cc injectors @ 52 psi fuel pressure, 8850 RPM's, eliminated Boost limiter, advanced ignition timing requires 100 octane Aviation fuel. R9 is designed for the C5 Monster Wheel Kit or any wheel kit rated for 18 pounds of boost.

Part #802-01810 R&D R10 ECU; Reprogrammed ECU for 725cc injectors @ 52 psi fuel pressure, 9000 RPM's, eliminated Boost limiter, advanced ignition timing requires VP MS 109 Race gas. R10 is designed for the C5 Monster Wheel Kit or any wheel kit rated for 18 pounds of boost.

Part #802-01811 R&D R11 ECU; Reprogrammed ECU for 725cc injectors @ 60 psi fuel pressure, 9000 RPM's, eliminated Boost limiter, advanced ignition timing requires VP C12 Race gas. R11 is designed for the C5 Monster Wheel Kit or any wheel kit rated for 18 pounds of boost.

Part #802-01812 R&D R12 ECU; Reprogrammed ECU for 1000cc injectors @ 60 psi fuel pressure, 9000 RPM's, eliminated Boost limiter, advanced ignition timing requires VP MS 109/C12 Race gas. R12 is designed for the C5 Monster Wheel Kit or any wheel kit rated for 18 pounds of boost.

NOTE: Rev Limiter settings can be raised or lowered upon request.

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R&D YAMAHA SHO/FZ/FZR POWERSHOT ADJUSTABLE FUEL TUNER



The new R&D Powershot Fuel Injection/Engine Tuning module for the YAMAHA SHO/FZR will deliver increased acceleration, stronger mid-range, and increased top speed performance by delivering a higher performing air to fuel ratio (A.F.R.) and allowing higher mass air/boost pressure levels to be utilized. R&D Performance has data logged and analyzed the OEM fuel map and Fly By Wire functions on the new Yamaha SHO/FZR four stroke engine and has determined that one of the main horse-power and performance holdbacks in Yamaha's Fly by Wire E.C.U. system is the mass air or boost limitation that is controlled by the Fly by Wire Throttle System. The Yamaha E.C.U. manipulates and controls the mass air or boost pressure levels by closing the throttle plate which limits peak horsepower performance. The R&D Powershot interfaces with the E.C.U., fuel injectors, and sensors to unlock, take over, and control mass air or boost limitations. The R&D Powershot will allow the R&D C1 and C3 Monster Supercharger Wheels to perform to their full potential by defending against unwanted codes and internal E.C.U. limitations. The R&D Powershot comes pre-programmed and coded to safely alter the fuel map, intercept and recondition sensor voltage signals allowing up to 10 P.S.I. of boost pressure without throttle limitation or regulation. The R&D Powershot allows custom fuel tuning to cruise, acceleration, and top end zones. Top end fuel mixtures can be custom tuned from 13.5:1 (lean) to 11.5:1 (rich) on the fly. Quicker acceleration, stronger mid-range, and increased top speed performance is the result when the A.F.R. is tuned for optimum performance.

The R&D Powershot is fully adjustable to accommodate and properly performance tune the A.F.R. for any combination of aftermarket parts.
No more Boost Limiter!

Description	Part No.
R&D SHO/FZ/FZR Powershot Adjustable Fuel Tuner	802-18000

R&D YAMAHA VXR/VXS POWERSHOT ADJUSTABLE FUEL TUNER

R&D Powershot Fuel Injection/Engine Tuning module for the Yamaha VXR/VXS. The R&D Powershot will deliver increased acceleration, stronger mid-range, and increased top speed performance by delivering a higher performing air to fuel ratio (A.F.R.) R&D Performance has data logged and analyzed the OEM fuel map on the Yamaha 1.8 N/A four stroke engine and documented that the fuel tables are a very green and stoichiometric. If quicker acceleration and stronger mid range power and the ability to have your cake and eat it too, then the Powershot is for you. The Powershot will allow you to adjust the fuel to either run green or mean. The R&D Powershot interfaces with the stock E.C.U., and fuel injectors allowing piggy back adjustments to the fuel table. The R&D Powershot comes pre-programmed and coded to safely alter the fuel map right out of the box for plug and play performance. The R&D Powershot allows custom fuel tuning to cruise, acceleration, and top end zones. Top end fuel mixtures can be custom tuned from 13.5:1 (lean) to 11.5:1 (rich) on the fly. Quicker acceleration, stronger mid-range, and increased top speed performance is the result when the A.F.R. is tuned for optimum performance. The R&D Powershot is fully adjustable to accommodate and properly performance tune the A.F.R. for any combination of aftermarket parts. Unlock the Yamaha VXR/VXS's full performance potential with an R&D Powershot Engine Tuner.

- Preprogrammed and Pre set to 12.5:1 (plug in and run)
- Allows overall fuel map tuning
- Utilizes OEM ignition system
- Utilizes OEM fuel injectors
- Retains all OEM dash, warning, and service indicators
- 91 octane pump gas friendly
- Ultra easy 20 minute installation

For competition use only!

Description	Part No.
R&D VXR/VXS Powershot Adjustable Fuel Tuner	802-18010



VXR/VXS HIGH PERFORMANCE ECU REPROGRAMMING SERVICES

Part #802-02801 R&D R1 ECU; Reprogrammed ECU for the VXR/VXS offers improved ignition timing map advancements that produce quicker acceleration and top speed performance. The fuel maps are tuned to offer a cleaner than stock (leaner idle), clean and green cruise areas which will keep fuel consumption either the same or better than stock in the cruising ranges, and an overall improvement to top speed or wide open throttle ranges. The rev limiter is raised to allow up to 8150 RPM's that will promote a more positive pump hook up in rough water conditions. The R1 ECU programs are 89 and 91 octane (pump fuel) safe. The R1 program file does not require a Powershot Fuel Tuner.

Part #802-02802 R&D R2 ECU; Reprogrammed ECU for the VXR/VXS offers improved ignition timing map advancements that produce quicker acceleration and top speed performance. The fuel maps are tuned to offer a cleaner than stock (leaner idle), clean and green cruise areas which will keep fuel consumption either the same or better than stock in the cruising ranges, improved hard acceleration enrichment for the hard core rider that want a more aggressive mid range acceleration, and an overall improvement to top speed or wide open throttle ranges. The rev limiter is raised to allow up to 8250 RPM's that will promote a more positive pump hook up in rough water conditions. The R2 ECU programs are 91 octane (pump fuel) safe. The R2 ECU program can be used with R&D Performer, Stage 1 and 2 kits. The R2 program file does not require a Powershot Fuel Tuner.
NOTE: Custom Rev Limiter settings available upon request.

Description	Part No.
R&D Reprogrammed **R1** ECU for the VXR/VXS	802-02801
R&D Reprogrammed **R2** ECU for the VXR/VXS	802-02802

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NEW



RIVA/ATHENA SERIES YAMAHA 1.8L ECU

The RIVA/ATHENA Pro-Series iControl ECU provides a huge performance advantage to the Yamaha 1.8L engine delivering over 50hp to the stock SHO engine. ECU is fully programmable with either RIVA supplied mapping or user adjustable parameters. Most calibrations require use 91+ octane pump fuel. Plugs directly into factory wiring harness via waterproof connectors.

Key Features Include:

1) Easy loading of supplied calibrations/maps for various performance applications.
   - Performance Fuel Mapping
   - Performance Timing Curves
   - Rev Limiter Increase
   - Boost Control for turbo applications.
     (Plug & play connector for wastegate solenoid).
2) Ability to customize RIVA calibrations for special applications. Using supplied software, user can adjust parameters such as Fuel, Timing, Rev Limiter & Boost Control.
3) Retains all OEM dash display functions & Engine Safety Functions.
4) Provides diagnostic information that can be displayed via computer interface.
5) Includes plug & play connector for RIVA Dash/Logger unit (RY11841-LD-MD60)
6) Includes plug & play connector for optional lambda sensor kit (part# RY11540-LC1-6S5) for data logging air/fuel ratios & tuning functions.
7) Direct-Connect design eliminates need for auxiliary wiring harness.
8) Knock Control function protects engine.
9) User selectable dual calibration capacity.

NOTE: RIVA Pro-Series ECU is for competition use only.

Description		Part No.
Yamaha 1.8L Models	NEW	RY11841-ECU-DC

Scan QR Code to find option of Dash Logger extension cable mount.

NEW



RIVA/VI-PEC V88R PRO SERIES ECU

The RIVA/Vi-Pec V88R Pro Series ECU provides a huge performance advantage to the Yamaha 1.8L engine delivering over 50hp to the stock SHO engine. ECU is fully programmable with either RIVA supplied mapping or user defined parameters. Most calibrations require use of RIVA Fuel Pressure Regulator Kit and 91+ octane pump fuel. Plugs directly into factory wiring harness via waterproof connectors.

Key Features Include:

1) Easy loading of supplied calibrations/maps for various performance applications.
   - Performance Fuel Mapping
   - Performance Timing Curves
   - Rev Limiter Increase
   - Boost Control for turbo applications.
     (Plug & play connector for wastegate solenoid).
2) Ability to customize RIVA calibrations for special applications. Using supplied software, user can adjust parameters such as Fuel, Timing, Rev Limiter & Boost Control.
3) Retains all OEM dash display functions & Engine Safety Functions.
4) Internal Data logging functionality.
5) Provides diagnostic information that can be displayed via computer interface.
6) Includes plug & play connector for RIVA Dash/Logger unit (RY11840-LD-MD60)
7) Includes plug & play connector for optional lambda sensor kit (part# RY11540-LC1-6S5) for data logging air/fuel ratios & tuning functions.
8) Direct-Connect design eliminates need for auxiliary wiring harness.
9) Individual Cylinder Knock Control function. Identifies which cylinder is detonating by tracking firing order utilizing OEM knock sensor.
10) User selectable dual calibration capacity for optional Dual Map Switch (part # RY11841-DMS-ECU-PC).
11) Expansion Port for additional user definable inputs & outputs.
12) User configurable software.

NOTE: RIVA Pro-Series ECU is for competition use only.

Description		Part No.
Yamaha 1.8L Models	NEW	RY11840-ECU-DC

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JE PISTON KITS FOR YAMAHA FX SHO 1800 (2009-11)

PISTON KIT #	DISP.	BORE SIZE	OVER SIZE	COMP. RATIO	RING #	SLEEVE SURFACE
289959	1812cc	86mm	STD	8.6:1	JG1004-3386	Deglaze Only
292314	1812cc	86mm	STD	9.5:1	JG1004-3386	Deglaze Only
308631	1812cc	86mm	STD	10.5:1	JG1004-3386	Deglaze Only
308632	1812cc	86mm	STD	11.0:1	JG1004-3386	Deglaze Only
308633	1832cc	86.5mm	+.5mm	8.6:1	JG1004-3405	Bore & Hone
308634	1832cc	86.5mm	+.5mm	9.5:1	JG1004-3405	Bore & Hone
308635	1832cc	86.5mm	+.5mm	10.5:1	JG1004-3405	Bore & Hone
308636	1832cc	86.5mm	+.5mm	11.0:1	JG1004-3405	Bore & Hone

**Sold as Kit (4 pistons per kit)*
***Piston sold complete with: rings, piston pin and locks*



CP PISTON KITS FOR YAMAHA FX SHO (2009-11)

PISTON KIT	DESCRIPTION	RING #
M1077	86mm Standard Bore (1812cc) 2009 - 11 Yamaha FX SHO 8.6:1 Turbo	CPN-3386
M1078	86mm Standard Bore (1812cc) 2009 - 11 Yamaha FX SHO 9.5:1 Turbo	CPN-3386
M1081	86mm Standard Bore (1812cc) 2009 - 11 Yamaha FX SHO 10.5:1 Turbo	CPN-3386
Oversize Pistons		
M1082	86.5mm .5mm oversize (1834cc) 2009 - 11 Yamaha FX SHO 8.6:1 Turbo	CPN-3406
M1083	86.5mm .5mm oversize (1834cc) 2009 - 11 Yamaha FX SHO 9.5:1 Turbo	CPN-3406
M1084	86.5mm .5mm oversize (1834cc) 2009 - 11 Yamaha FX SHO 10.5:1 Turbo	CPN-3406
Stock Bore: 3.386 (86mm)		

**Sold as Kit (4 pistons per kit)*
***Piston sold complete with: rings, piston pin and locks*

WISECO PISTON KITS FOR YAMAHA

Yamaha Model	Years	Bore x Stroke (mm)	Piston Kit Number	Replacement Ring Set	Pins & Clips
FX Cruiser HO FX SHO FZR FZS	2008-10 2008-10 2009-10 2009-10	86.00 x 78	**40049M08600***	8600XX	Wrist Pin **S734** Circlips **W5590**
Displacement 1812.7cc • 8.6:1 Compression Supercharged 11.1 Compression Non-supercharged • ArmorGlide™ Skirt Coated ***Piston sold complete with: rings, piston pin and circlips.***					

**Sold individually*



FZR HIGH PERFORMANCE RACING CYLINDER SLEEVES YAMAHA 1.8L ENGINE

R&D High Performance Racing Sleeves are made to precise specifications specific for the Yamaha FZR/SHO Supercharged engine. R&D Racing Sleeves install easily and properly using the flanged "top hang" register design. The "top hang" design when installed and seated properly will not drop or slip which will allow 100 percent head gasket contact for a positive head gasket seal. R&D Racing Sleeves are manufactured from the highest grades of centrifugally cast "Molly 2000" Chrome Molly Iron Alloy to provide superior strength and hardness. Trouble free installation, boring, and honing using kit supplied installation instructions and tips on final hone specifications for OEM cast and R&D Forged Racing Piston Kits are included. When the time comes to repair wavy, scored, seized, or worn cylinders trust the pros at R&D. R&D has been re-sleeving race engines for over 40 years. *Sleeves are sold individually.*

Description	Part No.
R&D SHO/FZR High Perf. Racing Cylinder Sleeves	432-18000
R&D LA Sleeve Yamaha 1.8L Engine Cylinder Sleeve	YA-5688
R&D FZR/SHO/VXR/VXS 88mm Big Bore Sleeve (Sold Individually) NEW	432-18088



RIVA/DARTON YAMAHA 1.8L PRO-SERIES CYLINDER SLEEVES

RIVA's new bulletproof sleeve system is the ultimate foundation for your high performance engine. Engineered specifically for the Yamaha SHO engine by Darton Sleeves, the leader in racing sleeve technology, these sleeves will hold up to extreme punishment in high boost applications. Innovative "Flat-Lock" flange design locks sleeves in place reinforcing block and protecting head gasket.

Key Features Include:
- Integrated Flat-Lock flange design protects block.
- Bulletproof Darton ductile steel construction.
- Increased horsepower potential.
- Ideal for high boost supercharged & turbo applications.
- Superior ring sealing.
- Can be installed by your local machine shop.

Description	Part No.
RIVA/Darton Yamaha 1.8L Pro-Series Cylinder Sleeves (Sold 4 sleeves per set)	RY10040-SLV-470



NGK SPECIAL SPARK PLUGS FOR FOUR STROKE ENGINES

Description	Part No.
Yamaha FX SHO/FX Cruiser, SHO/FZR (10 plugs per box) ***Solid Tip Plug***	LFR6A

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CARRILLO



CARRILLO CONNECTING RODS

Description	Part No.
Carrillo Connecting Rod Set Yamaha 1.8L 4 cylinder (sold 4 rods per set)	YA-FXSHO>-9M5709S-04



RIVA PRO-SERIES 4-STROKE CYLINDER HEAD STUD KITS

RIVA's ultra high strength cylinder head stud kit is essential equipment when upgrading internal components on your high boost Yamaha engine. Precision machined from premium grade 8740 alloy and heat treated to exacting tolerances, these studs dramatically increase reliability & ease of maintenance.

Key Benefits Include:
- Superior material & heat treat process provide 10X better fatigue strength than OEM bolts.
- Studs provide improved alignment of cylinder head and gasket for increased reliability and ease of maintenance.
- More accurate & consistent torque loading provides a more uniform clamping force on head gasket.
- Helps prevent blown head gaskets and assures optimum engine sealing.

Description	Part No.
RIVA Pro-Series Cylinder Head Stud Kits FX-SHO/FZR/FZS	RY10040-HSK



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RIVA PRO-SERIES 4-STROKE CYLINDER HEAD GASKETS

RIVA's Pro-Series Cylinder Head Gaskets were developed to withstand severe heat & pressure generated by high-boost and high horsepower applications delivering maximum reliability to your racing engine.

Key Benefits Include:
- Three layer stainless construction for durability & corrosion resistance.
- Viton coated & embossed surfaces for maximum sealing between head and cylinder block.
- Unique design promotes even torque load across sealing surface & requires no re-torque.

Description	Part No.
RIVA Pro-Series Head Gasket (Standard Bore) FX-SHO/FZR/FZS	RY10040-CHG-86



R&D FZR HIGH PERFORMANCE RACING HEAD GASKET

R&D High Performance Racing Head Gaskets were developed to replace the OEM head gasket with a higher performing Multi Layer Steel Stack Design (MLS), utilizing state of the art materials proven to withstand extreme heat generated from high cylinder pressures in high boost performance packages. Each gasket is deep dual embossed (both sides) and Viton Coated to promote a positive seal. Use the R&D Head Gasket with confidence in standard replacement situations or Pro Race Engines. Our race proven design maintains a positive seal with up to 24 pounds of boost. Available in STD 86, 86.5, 87, 87.5, and 88mm bore sizes. R&D also offers a "Super Thin" Gasket that will raise the compression level when changing piston ratio is not an option.

NOTE: No need to re-torque the head bolts after initial installation which is a big plus on DOHC engines where cams would otherwise need to be removed. Head torque specifications are included with each gasket

Description	Bore Size	Part No.
SHO/FZR/VXR/VXS HP Head Gasket	86mm	080-01800
SHO/FZR/VXR/VXS HP Head Gasket	86.5mm	080-01801
SHO/FZR/VXR/VXS HP Head Gasket	87mm	080-01802
SHO/FZR/VXR/VXS HP Head Gasket	87.5mm	080-01803
SHO/FZR/VXR/VXS HP Head Gasket	88mm	080-01804
SHO/FZR/VXR/VXS HP Head Gasket	88.5mm	080-01805
SHO/FZR/VXR/VXS HP Head Gasket	89mm	080-01806
SHO/FZR/VXR/VXS HP Head Gasket	89.5mm	080-01807
SHO/FZR/VXR/VXS HP Head Gasket	90mm	080-01808
SHO/FZR/VXR/VXS HP Head Gasket	Specify*	080-01810
"Super Thin Head Gasket" 0.18" 2 layer	***Must Specify bore size**	

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R&D HIGH PERFORMANCE DUAL VALVE SPRING KIT

R&D has developed an economical solution for upgrading the valve train by offering a series of upgrade parts that will work great with the OEM retainer and valve seals. R&D has documented that the seat tension or pressure on the stock springs is a low 52-55 pounds, and coil bind on the stock springs occurs .050" after full lift on the stock cams. As an industry rule or standard, as boost levels are increased to the engine, the valve spring seat pressure should be increased 1-2 pounds per pound of boost. As an industry rule, as RPM'S are increased, the spring pressure at full lift should be increased as well to reduce or eliminate valve float at high rpm frequencies. With the stock springs "short lift travel" shimming is NOT an option. Valve Springs MUST be upgraded. Also to consider is valve spring travel at full cam lift, and to have enough spring clearance freedom to run high performance camshafts or add additional spring tension pressures without coil bind issues. The R&D spring kit parts were developed and used with stock retainers during the 2009 season and have proven their performance with an APBA/IJSBA Pro Open National Championship. R&D dual springs are a "lightweight design" and manufactured from ultra clean, high tensile material with multi step surface treatments to improve fatigue strength and reliability. NOTE: R&D Spring Kits must use the R&D Bottom Spring Retainer Cups kit Pt. # 612-93006 for proper assembly and seat pressures!

Engine Tuning Features
- 70-75 pounds at seat, 140-150 pounds at full lift (standard spec.)
- Shim friendly, add R&D spring collar base shims to add 2 pounds per .010 shim
- Allows the use of higher lift cams (up to +.080)
- Linear spring pressure curve allows smooth precision valve control
- High performance materials and surface finishes add to reliability

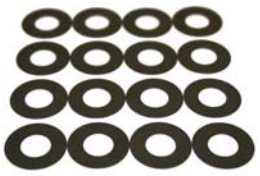
Description	Part No.
R&D High Perf Dual Valve Spring Kit (16 per kit)	612-93001



R&D HIGH PERFORMANCE BOTTOM SPRING RETAINER CUPS

R&D spring retainer cups will install under the R&D valve spring and support and house the bottom of the spring securely. The R&D Spring Retainer Cups must be used with the R&D dual spring kit (part # 612-93001) for proper assembly. Use R&D Valve Spring Shim Kits to fine tune valve spring seat pressure.

Description	Part No.
R&D High Perf Bottom Spring Retainer Cups (set of 16)	612-93006



R&D HIGH PERFORMANCE VALVE SHIM KIT

The R&D spring base collar "shims" offer precision valve spring tension shimming to fine tune spring seat pressures based on boost pressures the engine will run at. The R&D shim kits are offered in the thicknesses of .010", .020", and .030".

Description	Part No.
R&D .010" Thick Shim Kit (set of 16)	612-93003
R&D .020" Thick Shim Kit (set of 16)	612-93004
R&D .030" Thick Shim Kit (set of 16)	612-93005



R&D HIGH PERFORMANCE VALVE STEM SEAL KIT

R&D offers High Performance Valve Stem Seal Kits manufactured from only the best high quality Viton rubber materials that will resist high valve guide and oil temperatures to maintain a good valve seal in all high rpm, high performance applications. When valve springs are changed out or periodic head service work is being performed, trust R&D Valve Stem Seal Kits at any performance level.

Description	Part No.
R&D High Performance Valve Stem Seal Kit (Sold in sets of 16.)	612-93007



RIVA YAMAHA 1.8L ENGINE PERFORMANCE VALVE SEALS

RIVA's high quality viton seals are extremely resistant to heat and abrasion. Superior sealing keeps unwanted oil from contaminating combustion chambers and prevents air leakage through valve guides. A precision seal removal & installation tool (RY19040-VST) is available separately.

Description	Part No.
RIVA Yamaha 1.8L Engine Performance Valve Seals (Sold in sets of 16.)	RY19040-PVS-1



RIVA YAMAHA 1.8L ENGINE VALVE RETAINER UPGRADE KIT

RIVA's Valve Retainer Upgrade Kit increases the reliability of your engine by reducing the possibility of valve float at high rpm. Includes 16 lightweight, precision-machined titanium valve retainers. A must for IJSBA & APBA Stock Class race craft.

NOTE: For modified engines (Stage 3 & above) we recommend the complete RIVA Valve Train Upgrade Kit (part # RY19040-VTU).

Description	Part No.
RIVA Yamaha 1.8L Engine Valve Retainer Upgrade Kit (Sold in sets of 16.)	RY19040-SRU



RIVA VALVE TRAIN UPGRADE KIT

RIVA's Valve Train Upgrade Kits increase the reliability of your modified engine by reducing the possibility of valve float at high rpm. Includes lightweight, precision-machined titanium valve retainers, racing valve springs, and base washers.

Description	Part No.
RIVA FX-SHO/FZR/FZS Valve Train Upgrade Kit (Sold in sets of 16.)	RY19040-VTU-1

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RIVA YAMAHA HIGH PERFORMANCE VALVE SET

Drop-In Valve Kits: Standard size drop-in direct replacement valves require no machining of cylinder head.
Oversized Valve Kits: +1mm Intake/+1mm Exhaust valves deliver more air flow (requires machining of cylinder head).

Key Features:
- Stronger & lighter than stock valves.
- Redesigned valve heads for improved air flow & strength.
- High grade stainless intake valves resist corrosion.
- Inconel exhaust valves resist heat from high boost applications.
- Valve stems are hard-chrome plated for improved wear.
- Includes high strength valve locks.
- Sold in sets of 16 (8 Intake/8 Exhaust).

Description	Part No.
RIVA Yamaha High Performance Valve Set (Standard/Drop-in)	RY19040-HPV-0
RIVA Yamaha High Performance Valve Set (+1mm Intake / +1mm Exhaust)	RY19040-HPV-1:1



RIVA YAMAHA 1.8L ENGINE VALVE SEAL TOOL

This handy tool provides easy removal and installation of valve stem seals on Yamaha 1.8L engines. Allows seal installation during fitting of valve train upgrade kit without removing cylinder head.

Key features:
- Prevents seal distortion & gouging.
- Precision machined from 6061 aluminum & anodized.
- Knurled handle for positive grip.

Description	Part No.
RIVA Yamaha 1.8L Engine Valve Seal Tool	RY19040-VST



RIVA YAMAHA 1.8L ENGINE VALVE LIFTER BUCKETS

RIVA Performance Valve Lifter Buckets are a "must have" item when upgrading your engine's valve train. Designed to withstand the stress of increased valve spring tension and RPM in modified engines that can cause stock components to fail. RIVA's lightweight valve lifter buckets are CNC machined from heat treated billet steel providing superior strength and durability. Order one kit per engine.

Description	Part No.
RIVA Yamaha 1.8L Eng. Valve Lifter Buckets	RY19040-BVL-KIT



R&D VALVE STEM CONCENTRICITY GAUGE

The R&D Valve Stem Concentricity Gauge is a testing tool to check the roundness and trueness of valves. Small valves can distort or bend from heat produced in high performance supercharged or turbo charged engines. To achieve a perfect seal on the seat the valve needs to be concentric and true in every dimension. Gauge is fully adjustable to accommodate a variety of valve sizes and features a rigid, positive stop that can be set once and the trueness for an entire set of valves can be measured. Kit comes complete with dial indicator accurate to .001". This is a must have tool for any engine builder to get the most out of your high performance 4 stroke engine.

Description	Part No.
R&D Valve Stem Concentricity Gauge	612-80010





RIVA VALVE COMPRESSION TOOL

RIVA's overhead Valve Compression Tool allows easy removal of valve springs and keepers without removing cylinder head. Includes compression adapter to pressurize cylinder keeping valves in place during removal of stock springs and keepers. Fits both Yamaha 1.8L & Kawasaki 1.5L 4-stroke engines.

Description	Part No.
RIVA Valve Compression Tool Fits Yamaha 1.8L & Kawasaki 1.5L 4-stroke	RY19040-VCT



FZR VALVE SPRING COMPRESSION TOOL KIT

The R&D Valve Spring Compression Tool Kit allows easy removal of the intake or exhaust valve springs and keepers without removing the cylinder head. R&D recommends using the compression adapter from a compression gauge kit to pressurize cylinder keeping valves in place during removal of springs and keepers.

Description	Part No.
R&D FZR Valve Spring Compression Tool Kit	612-92013



FZR CAM TENSIONER TOOL

The R&D Cam Tensioner Tool is designed to mechanically spring preload the cam chain in order to set and verify cam timing. This eliminates the process of pressurizing the hydraulic cam tensioner to verify cam timing.

Description	Part No.
R&D FZR Cam Tensioner Tool	612-92015

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R&D YAMAHA FZ/FZR/SHO PRO TUNE ADJUSTABLE CAM GEAR KIT

R&D's Racing Cam Gear kit allows a huge boost in overall horsepower to be gained by custom tuning the camshafts LCA (lobe separation angle) set up. Tuning the LCA with R&D Pro Tune Cam Gears can add 200-300 RPM's, increased boost pressure, and 2-3 MPH to your existing engine package. Adjusting the camshafts LCA is a very simple "BOLT IN" modification with the R&D Pro Tune Adjustable Cam Gear Kit. Understanding the LCA concept principle is fairly easy. A wide LCA like found in the SHO and FZR will generally result in decreased valve overlap, later intake events, earlier exhaust events, and high intake manifold pressures which produce great idle, smooth accelerating with mild low and top end power. Wide LCA's are great for school buses and soccer mom vans. However, if strong mid range pull and top end horsepower is what you're looking for, then a narrower LCA will need to be generated. The R&D Pro Tune Cam Gear Kit allows the LCA (lobe separation) to be adjusted narrower which will generate increased valve overlap, earlier intake events, and later exhaust events. Resulting in snappier throttle response, increased mid range and top end power and more boost. Why spend big money on optional camshaft kits (i.e. 1800 N/A cams) that have proven to offer too narrow of LCA compromising idle tune? Buy the R&D Pro Tune Cam Gears designed specifically to improve overall power at a fraction of the cost and provide an optimum overall tune. The R&D Cam Gear Kit offers four possible LCA combinations that allow the cams to be tuned depending on the type of riding or racing and type of fuel. In fact, R&D has built a specific engine designated for degreeing, checking and proving camshaft specifications. Depend on the Pro's at R&D to deliver all your horsepower needs.

- Aggressive throttle response, increased overall horsepower
- Increased rpm performance (+200-300 RPM Gain)
- Boost Pressure Increase (+1 pound)
- 15-25 Horsepower Increase
- Precision CNC Billet/Ground Cam Gears (lighter than stock)
- R&D R1, R2, and R3 ECU Compatible
- Works well with R&D Cam Regrind and Valve Spring Kit upgrades
- Easy installation
- Bolt on Higher Horsepower Upgrade

NOTE: R&D has determined that the OEM LCA is a WIDE 120 degrees stock, with an intake cam lobe center of 122.5 degrees. Considering the LCA timing facts, using the R&D Pro Tune Cam Gears to tune the cams will generate huge performance power gains. R&D has found in testing that a 2.5 degree LCA change will act similar to a 1 pound boost addition. Tests have proven that an R&D C1 or C3 compressor wheel and a 7 degree LCA change can have the same performance advantages as a 15 pound compressor wheel. Call R&D for constant power upgrade information as we are constantly at work looking for more.

Description	Part No.
R&D Yamaha FZ/FZR/SHO Pro Tune Adjustable Cam Gear Kit	612-93018



R&D CAM TENSIONER GASKET

R&D's new Cam Tensioner Gasket has a metal reinforced center that enables it to be reusable.

Description	Part No.
R&D Cam Tensioner Gasket	080-21025





RIVA YAMAHA 1.8L ENGINE ADJUSTABLE CAM SPROCKET KIT

Adjustable Cam Sprocket Kit delivers a significant increase in horsepower, speed & RPM through easy cam timing adjustment. RIVA's 'Quick-Tune' design features color coded timing inserts that lock-in desired cam adjustment in minutes without removal of cam tensioner, camshaft or cam sprocket (after initial installation). Design allows fast & easy timing adjustment; saving hours of time when testing and tuning. Sprockets are precision machined from billet steel and heat treated for maximum durability.

Key Features Include:
- Allows fast & easy adjustment of cam timing for maximum performance.
- Quick-Tune timing inserts lock-in cam timing in minutes.
- Designed for both SHO & HO Yamaha 1.8L engines.
- Works well with both stock and performance cams.
- Easy bolt-on installation.
- Includes complete instructions with tuning guide.

Description	Part No.
RIVA Yamaha 1.8L Engine Adjustable Cam Sprocket Kit	RY19040-ACS



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112-18000


112-18001

NEW


112-18010


112-18020


112-18021

R&D AQUAVEIN INTAKE GRATE

Description		Part No.
FX-SHO/FX Cruiser Super High Output		112-18000
FZR/FZS		112-18001
FX HO (2012-13)/FX Cruiser HO/ FX SHO (2012-13)	NEW	112-18010
VXR/VXS		112-18020
VXR/VXS Pro2		112-18021



R&D PUMP SEAL KIT

R&D's new pump seal kit stuffs up all the unwanted cavities in the pump shoe that aid in producing cavitation. This kit offers a way to seal the pump shoe, which will reduce cavitation and increase pump efficiency and performance.

Description		Part No.
FX SHO Pump Seal Kit for OEM Intake Grate		162-00003
FX SHO Pump Seal Kit for RIVA Racing Intake Grate		162-00004
FX SHO Pump Seal Kit for R&D Aquavein Intake Grate		162-00005
FZR Pump Seal Kit for OEM Intake Grate		162-00006
FZR Pump Seal Kit for R&D Aquavein Intake Grate		162-00007
VXR Pump Seal Kit for Stock Scoop Grate		162-00008
VXR Pump Seal Kit for R&D Aquavein Intake Grate		162-00009
FX SHO (2012)/FX Cruiser Pump Shoe Seal for R&D Grate	NEW	162-00010
FX SHO (2012)/FX Cruiser Pump Shoe Seal for OEM Grate	NEW	162-00011


RY22050-1

NEW


RY220060


RY220040

RIVA TOP-LOADER INTAKE GRATES

Description		Part No.
RIVA FZR/FZS Stainless Steel Top-Loader Intake Grate		RY22050-1
RIVA VXR & VXS Stainless Steel Top-Loader Intake Grate	NEW	RY22060
RIVA FX-SHO/08-10 FX Intake Grate		RY22040



TBM RACING FZR/FZS TUNABLE SUPER SCOOP

Whether it's recreation or all out racing this scoop does it all. You have the ability to adjust the center foil up and down or completely remove it for smooth conditions and the rear pump shoe inlet can also be adjusted by the removable rear wedge. No loss in top speed, improved handling and un-matched rough water hook up, you will go faster with more confidence regardless of your skill level.

Description	Part No.
TBM Racing FZR/FZS Tunable Super Scoop	TBM100-FZR


FX-SHO - RY25040

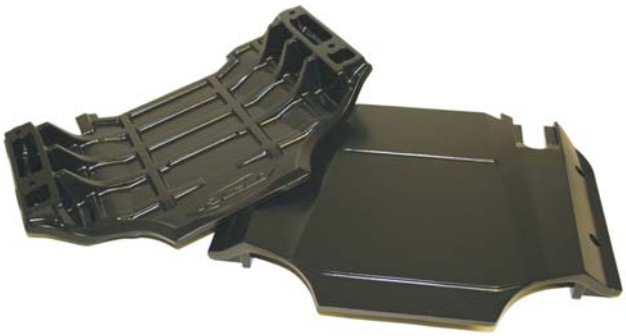

FZR/FZS - RY25050-1

RIVA PUMP SEAL KITS

Dramatically reduce cavitation and prop spin with our easy to install Pump Seal Kits. Location specific, molded inserts fill the voids in OEM pump inlet shoe that bleed air into pump causing cavitation. Recommended for modified craft using aftermarket intake grates. Includes detailed installation instructions.

Description		Part No.
RIVA FX-SHO Pump Seal Kit		RY25040
RIVA FZR/FZS Pump Seal Kit		RY25050-1
RIVA VXR/VXS Pump Seal Kit	NEW	RY25060

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R&D PRO SERIES RIDE PLATE

The new R&D Adjustable Ride Plate delivers a perfect balance of increased top speed performance, improved cornering capabilities, and superb straight line stability. The new adjustable design utilizes kit supplied shims to fine tune the performance for a perfect balance of speed/handling for rider weight or water conditions from drag to surf. Increased top speed performance and compromises nothing when turned loose in rough water conditions. The design utilizes the vital OEM hull protection stainless steel pads, which safely disperse the pressure loads from the ride plate over a larger area on the hull. The new R&D FZR Adjustable Pro Series Ride Plate will meet the demands in performance whether being used for weekend recreational riding, closed course racing, surf, or offshore competition. Made in the USA from cast aluminum and powder coated for corrosion resistance.

- Top speed improvement
- Adjustable design • Unique multi-step concept
- Improved straight line stability
- Significantly improved cornering
- Reduced chine walking on high speed sweepers
- Drives through chop with superior stability
- Retains reverse gate operation

Description	Part No.
R&D FZR Pro Series Ride Plate	122-18001
R&D VXR/VXS Pro Series Ride Plate	122-18004



FX SHO
122-18000

R&D HIGH PERFORMANCE RIDE PLATE

The new R&D SHO Pro Series Ride Plate will meet the demands in performance whether being used for weekend recreational riding, closed course racing, or offshore competition. Increased top speed performance of .50 to 1 MPH over stock, and compromises nothing when turned loose in rough water conditions. Bow search with full fuel loads is alleviated completely.

- 1 MPH top speed improvement • Unique multi-step concept
- Improved straight line stability • Significantly improved cornering
- Reduced chine walking on high speed sweepers
- Drives through chop with superior stability
- Retains reverse gate mounting and operation

Description	Part No.
R&D FX SHO (2008-11) High Performance Ride Plate	122-18000



RIVA PERFORMANCE RIDE PLATE

RIVA's Ride Plate delivers the perfect balance of top speed and improved handling in a variety of water conditions and speeds. Its race bred design features deep channels for improved acceleration and traction in turns. Provides excellent straightline stability at high speed with reduced porposing. Utilizes stock ride plate support brackets and accepts OEM speedo sensor.

Key Benefits Include:

- Superior handling performance.
- Quicker planing & improved top speed.
- Reduced porposing.
- Improved straight line tracking at high speed.
- Race bred design.
- Improves acceleration, cornering and straight line handling.
- Turnable with included shims.
- Powder coated to prevent corrosion.
- IJSBA/APBA Race Legal.

Description	Part No.
RIVA FX-SHO (2008-11) Performance Ride Plate	RY21040
RIVA FZR/FZS Performance Ride Plate	RY21050
RIVA VXR/VXS Performance Ride Plate	RY21060

NEW



RIVA FZR/S AND VXR/VXS BILLET BACKING PLATE KIT

RIVA's billet aluminum backing plate kit provides a bulletproof mounting system for your ride plate and intake grate. Replaces original hull inserts that are prone to pull out of hull, strip out and leak. This kit is an essential safety feature for modified craft due to the added stress on ride plate and intake grate inserts. Precision machined out of T6 aluminum and anodized to prevent corrosion.

Description		Part No.
RIVA Billet Backing Plate Kit	NEW	RY21050-BPK-RI

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RIVA FZ PRO-SERIES STEERING SYSTEM

Introducing the ultimate race proven steering system for your Yamaha FZR/FZS. Fully adjustable design features a dual tube steering head for maximum strength & rigidity. Directly replaces bulky OEM mechanism with a stronger & lighter unit that provides variable height and tilt positions. Delivers a precision feel and the confidence to push your craft to the limit with improved dependability and comfort. Bulletproof bar clamp will accept any 7/8" handlebar or 1 1/8" fat bar. Includes all necessary installation hardware and instructions. Requires use of aftermarket handlebars.

Key Features:
- Superior strength & rigidity over OEM system.
- Billet stainless steel steering shaft is much stronger than the OEM aluminum shaft.
- Cutting edge race styling.
- Variable height and tilt adjustment.
- Accepts both 7/8" bars & 1 1/8" Fat bars.
- Billet steering arm features adjustable "quick turn" settings.
- Retains Off Throttle Steering system.
- Race tested & proven on 2010 IJSBA/APBA tours.
- All aluminum parts anodized to prevent corrosion.
- Standard 3.5" tubes provide adjustment +/- 1" from OEM low position.
- Optional 5-1/2" & 7-1/2" tubes provide additional height choices.

Description	Part No.
RIVA FZ /FZS Steering System	**RY20050-U-3.5**
RIVA Steering System 5 1/2" Tube Kit	**RY20050-RK-5.5**
RIVA Steering System 7 1/2" Tube Kit	**RY20050-RK-7.5**



2013 Hot Products IJSBA
Mark Hahn Memorial Havasu 300
Award Ceremony



RIVA VXR/VXS PRO-SERIES STEERING SYSTEM

RIVA's VXR/VXS steering system directly replaces bulky OEM mechanism with a stronger & lighter unit that provides variable tilt adjustment. Delivers a precision feel and the confidence to push your craft to the limit with improved dependability and comfort. Bulletproof bar clamp will accept any aftermarket 7/8" handlebar or 1 1/8" fat bar. Includes all necessary installation hardware and instructions. Requires use of aftermarket handlebars.

Key Features:
- Superior strength & rigidity over OEM system.
- Billet stainless steel steering shaft is much stronger than OEM aluminum shaft.
- Cutting edge race styling.
- Variable tilt adjustment.
- Accepts both 7/8" bars & 1 1/8" fat bars.
- Billet steering arm features adjustable "quick turn" settings.
- Retains Off Throttle Steering system.
- Integrated throttle cable retention bracket.
- All aluminum parts anodized to prevent corrosion.

Description	Part No.
RIVA VXR/VXS Pro-Series Steering System	**RY20060-U**





R&D FZR/FZS BILLET STEERING SYSTEM KITS

The new R&D Billet Steering System was developed and tested during the 2009 APBA/IJSBA National and World Championships and is a proven winner in design and performance. R&D's Billet design offers superior strength and lighter weight over the OEM steering system. Utilizing a 7/8" MX handlebar, allows the rider to personalize the bar setup to their liking. R&D chose the 7/8" diameter bar type over the Fat bar, because of the space watercraft bars need for start/stop switches, VTS switches, and custom trim lever systems. When using fat or taper bars, the bar widths are forced wider than comfortable in a watercraft application.

- 3 pounds lighter than stock system
- Easy installation (1 hour) includes all hardware and instructions
- Increases overall comfort and handling performance
- Allows custom bar setups (set up your way)
- Utilizes 7/8" diameter handlebars of our choice
- Adds a true "Factory Racing" look to your watercraft

Description	Part No.
R&D FZR / FZS Billet Steering System	**512-18000**

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R&D YAMAHA FX-SHO/FZR/FZS SPONSON KIT

The new R&D Yamaha SHO Pro Series Sponson Kit was designed and developed with all new generation performance concepts in mind to deliver a whole new level of handling and speed performance with offshore and closed course race proven adjustability options. The R&D Pro Series Sponson Kits have been extensively offshore, race track, and 1 and 2 up recreational tested to guarantee a comfortable setting for any riding style or condition! The R&D Sponson Kit will deliver higher top speed performance and a much smoother and more predictable ride over OEM sponsons. Low speed and high-speed turns are a breeze with new found control. The secret to R&D's new generation concept is in the backing plate design with an aftermarket first, low pressure, low friction concept that breaks up and relieves speed robbing drag within the sponson's backing plate channel. The new R&D design staggers the sponson blades fins water trapping area to pick up less water in the front and more in the back. The stagger/step-up concept greatly reduces chine walk in high speed corners, while allowing more rear end grip. There is also a higher end recreational/race setting with enough grip for the best of pro's! Finally there is an aftermarket sponson kit that really does it all! More top speed due to less drag, less chine walking, racer preferred rear end grip, and unmatched straight line stability.

Description	Part No.
R&D FX-SHO Sponson Kit	122-01800
R&D FZR/FZS Sponson Kit	122-01801
R&D VXR/VXS Sponson Kit	122-01820
R&D FX HO 2012/FX SHO 2012/ FX Cruiser HO 2012*	122-01799

**Available Summer of 2013*

NEW



R&D SPONSON EXTENDER

The new R&D Yamaha FZR Sponson Extender is designed to widen the nose of the sponson. This kit retros any R&D FZR/SHO Sponson Kit. The widened sponson improves cornering, handling and high speed stability. Machined from billet aluminum and black anodized for corrosion resistance.

Description		Part No.
R&D FZR/FZS/VXR/VXS/SHO (2004-12) Sponson Extender	NEW	122-01802



RIVA YAMAHA FX-SHO/VX SPONSON KIT

Unique blade design provides a significant improvement to the handling characteristics. Reduces rough water hunting and rolling sometimes experienced with stock sponsons. Sponson depth is adjustable to control the amount of influence they have on craft. Easily installs to stock mounting points with our bulletproof mounting system that features billet inserts in sponson fins.

Fits all Yamaha FX-SHO (2008-11), VXR/VXS (2011-13), VX110 (2004-13)

Description	Part No.
RIVA FX-SHO/VXR/VXS Sponsons Kit	RY2625



WORX RACING YAMAHA SHO/FZR/FZS SPONSONS

Fitting Worx sponsons provide unbelievable cornering, better control in the rough and predictable inline tracking while towing wakeboards or waterskiers. Worx sponsons are easy to fit, look great and bolt right into stock mounting holes.

Description	Part No.
Worx Racing FX-SHO Sponsons Kit	WR542
Worx Racing FZR/FZS Sponsons Kit	WR543

NEW



TBM RACING FZR/SHO/FX/VX SPONSONS

This new design blade improves straight line tracking and grip. The reliefs in the blade reduce friction and the tendency to hook in rough water conditions. There are 8 possible mounting positions to tune the handling for specific water conditions and personal preference. TBM's proven backing plate design reduces friction and increases grip by trapping an additional ½" of water between the hull and sponson blade giving incredible grip in the corners.

Description		Part No.
TBM Racing FZR/SHO/FX/VX Sponsons	NEW	TBM101-YAM

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R&D FX-SHO/FZR/FZS/VXR/VXS AUTO TRIM NOZZLE KIT

The R&D FX-SHO/FZR/FZS Auto Trim Kit was developed to accommodate the OEM VTS Quick Shift System with a fully adjustable and fully automatic trim system! The R&D Auto Trim automatically drops to a rider preferred and adjustable 2-8 degrees. Drive from turn to turn never worrying whether the trim is in the best position for perfect turn negotiation! The R&D Auto Trim allows you to set the trim up your way to carve perfect turn every time! For long straight rides the R&D Auto Trim System works in conjunction with O.E.M VTS, so stock trim settings are retained, while the R&D Auto Trim takes over in the turns. The combination allows the best of both worlds for recreational and closed course riding!

Description	Part No.
FX-SHO (2008-12)/FZR/FZS/VXR/VXS Auto Trim Nozzle Kit	162-18020



R&D FX-SHO/FZR/FZS HYDRO FORCE STEERING NOZZLE

R&D's new Hydro Force Steering Nozzle for the FX-SHO/FZR/FZS is a direct replacement nozzle. The new lengthened design delivers a full 1 MPH speed gain over stock. The adjustable pivot position improves the turning radius allowing you to carve tighter turns with a more positive feel. Improved performance through speed, acceleration and handling.

Description	Part No.
R&D FX-SHO (2008-12)/FZR/FZS Hydro Force Steering Nozzle	162-14000



R&D FX-SHO/FZR/FZS VTS QUICK SHIFT CAM KIT

The R&D FX-SHO/FZR/FZS VTS Trim Driver Cam is a cam device that installs directly in place of the OEM plastic VTS trim driver cam. The R&D cam is designed to recalibrate the trim position amount from an OEM 7 to 8 degree per shift to a finer and speed friendly 4 degree per shift. The OEM SHO neutral position setting is 85 degree or 5 degree up from horizontal zero. The new recalibrated position with the new R&D Trim Cam is 87.5 degrees or 2.5 degree up from horizontal zero. The R&D Trim Cam will deliver a more positive group of adjustments that will allow much better turning capabilities, as well as finer adjustments for rough water conditions. The R&D Trim Cam will work with the OEM trim nozzle assembly, or the R&D Auto Trim Kit.

Description	Part No.
R&D FX-SHO (2008-12)/FZR/FZS VTS Trim Driver Cam Kit	162-18010



R&D FX-SHO/FZR/FZS/VXR/VXS PERFORMANCE EXIT NOZZLE

The new R&D cast aluminum exit nozzle is designed to fine tune the pump and prop to maximize performance and rpm. The new R&D exit nozzle is available in 2.5 and 5 degree up sweep angles. The 5 degree positive angle lightens the nose of the craft and adds top speed; this is great for recreational use. The 2.5 degree delivers improved performance in rough water conditions by producing more nose pressure to drive the hull through the bumps; this design is perfect for closed coarse and offshore competition. Both types are available in bore sizes of 80, 80.5, 81, and 81.5. *Custom bore sizes from 80 to 90 available at no extra charge, specify size when ordering. The maintenance free R&D cast aluminum and powder coated one piece construction exit nozzle is the better alternative to a removable ring design. With the new R&D nozzle the OEM reliability and safety is retained, because there is not a removable ring sleeve to vibrate loose, falls out and gets wedged in the steering nozzle creating a whole new definition to the term BUCKING.

Description	Bore Size	Part No.
R&D Perf. Exit Nozzle 2.5 degree	80mm	162-82800
R&D Perf. Exit Nozzle 2.5 degree	80.5mm	162-82805
R&D Perf. Exit Nozzle 2.5 degree	81mm	162-82810
R&D Perf. Exit Nozzle 2.5 degree	81.5mm	162-82815

Custom bore sizes available at no extra charge, specify size when ordering

Description	Bore Size	Part No.
R&D Perf. Exit Nozzle 5 degree	80mm	162-85800
R&D Perf. Exit Nozzle 5 degree	80.5mm	162-85805
R&D Perf. Exit Nozzle 5 degree	81mm	162-85810
R&D FZR Perf. Exit Nozzle 5 degree	81.5mm	162-85815

Custom bore sizes available at no extra charge, specify size when ordering



RIVA FX-SHO/FZ PRO-SERIES REDUCTION NOZZLE

RIVA's Pro-Series Reduction Nozzle is ideal for tuning your Yamaha pump combination to maximize performance. Nozzle exit diameter can be easily changed via interchangeable ring system. Looking for more RPM or acceleration power? Insert a larger diameter ring. Want more top speed or less RPM? Install a smaller diameter ring. Nozzle includes three precision-machined stainless steel rings in graduated sizes (81, 82 & 83mm). Additional ring sizes available.
Note: Nozzle eliminates water spout function to maximize performance and conform to racing safety rules.

Description	Part No.
RIVA FX-SHO/FZ Pro-Series Reduction Nozzle	RY23040-N



R&D FX-SHO/FZR/FZS/VXR/VXS ANTI-CAVITATION CONE

The R&D Anti-Cavitation Pump Cone Kit will reduce overall internal pump cavitation within the Yamaha's offset reduction/compression nozzle design. The OEM reduction/compression nozzle is offset, while the OEM pump cone/bearing cap remains straight which causes uneven pressures within the pump and reduction nozzle. The R&D Anti-Cavitation Pump Cone is offset and reshaped to match the OEM reduction nozzle offset promoting even pressures, which will substantially reduce cavitation, increase pump hook up, boost acceleration, and increase top speed performance.

Description	Part No.
FX-SHO/FZR/FZS/VXR/VXS Anti-Cavitation Cone	162-18000

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R&D SHO/FZR ANTI-CAVITATION TRANSOM PLATE MACHINING MODIFICATION

R&D's new SHO/FZR Anti-Cavitation Transom Plate Machining Modification service is now available. The engineers at R&D have been successful at reducing pump cavitation by removing the restriction in the OEM Transom Plate. The OEM Transom Plate has a 3mm taper that restricts water flow in front of the prop. Removing this restriction significantly reduces cavitation and improves holeshot and hook up with any prop type or diameter. The service includes line boring the Transom Plate and blue printing the new pump shoe diameter to blend with the R&D Aquavein Intake Grate, and the sealing surface of the transom plate where it mounts the hull is also improved by plugging the OEM casting pocket in the face of the Transom Plate with R&D's Sure Seal Urethane Material. R&D also offers the service to a new OEM Transom Plate available for immediate shipping.

Description	Part No.
R&D Transom Plate Machining Service	162-18004
R&D Complete new FZR Transom Plate with Machining Service	162-18005
R&D Complete new SHO Transom Plate with Machining Service	162-18006

NEW

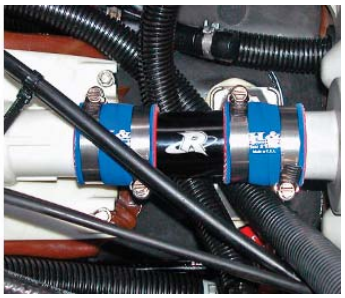


R&D YAMAHA 160MM WEAR RING HOUSING KIT

R&D's larger 160mm Housing with Stainless Steel liner is designed for 160mm impellers set ups to reduce cavitation as well as add to top speed performance in higher horsepower applications. The R&D precision cast and CNC machined 160mm housing kits install easily with no modifications to the existing stock pump and drive shaft assembly. R&D offers a complete custom line of 160mm impeller pitch combinations that will keep the engine power and rpm's in check with significantly reduced cavitation over 155mm impeller setups with big power adder parts such as big boost Monster Wheels, ECU Upgrades, exhaust kits, and other performance modifications. R&D has the "Big Power Adders" and the perfect impeller packages to keep the power hooked up. More power along with pulling a larger diameter and taller prop equals more acceleration and top speed performance.

Description		Part No.
R&D 160MM Wear Ring Housing	NEW	132-22160





RIVA BILLET DRIVESHAFT SLEEVE KITS

RIVA's precision machined Billet Driveshaft Sleeve is a direct replacement for the thin factory rubber hose that is prone to distortion and failure. Sleeve is constructed of 6061 aluminum and is anodized to prevent corrosion. Kit includes high quality silicon couplers and stainless steel clamps. This upgraded sleeve kit is highly recommended for performance applications due to increased pump pressure that accelerates failure of original rubber hose.

Description	Part No.
RIVA Billet Driveshaft Sleeve Kit FX/FZ All	RY30040-DSS
RIVA Billet Driveshaft Sleeve Kit VXR/VXS	RY30060-DSS

NEW



SOLAS YAMAHA 155MM WEAR RING HOUSING

The Brand New Solas Yamaha 155mm stainless steel wear ring housing is a solid cast piece that will not bulge from salt water use like the OEM one. This wear ring fits the Solas 12 vane 155mm pump, as well as the OEM stator section. Fits most GPR 1200, 1300 VX and FX models.

Description		Part No.
Solas 155mm Wear Ring Housing	NEW	YFS-HS-155

NEW



TBM RACING YAMAHA FZR/FZS/SHO SUPER PUMP CONE

TBM'S Super Pump Cone increases the hub diameter and smooths the transition of water flow through the rough casting of the OEM stator vane assembly. This drastically improves hook up, acceleration and top speed on stock Waverunners although performance is enhanced exponentially as engine modification is increased. TBM has designed the Super Pump Cone to match the stock impeller; however any 75mm diameter hub aftermarket impeller will work. TBM'S Super Pump Cone will also work in conjunction with Riva's 160mm wear ring/impeller upgrade. The kit comes complete with everything needed for installation with the exception of a spline tool for impeller removal/installation.

Description		Part No.
TBM Racing FZR/FZS/SHO Super Pump Cone	NEW	TBM120-FZR

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Skat-Trak USA
PERFORMANCE PRODUCTS

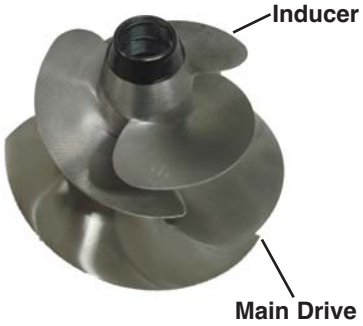


SKAT-TRAK FX-SHO/FZR/VXR/VXS 155-75-25 SWIRL IMPELLERS

Includes a billet nose boot and impeller wrench.

Model	Year	Stock	Limited	Modified
FZR	2009-12	12/20	------	-----
FZS	2009-12	11/19	-----	-----
VXR	2012	11/18	12/19	13/20
VXS	2012	11/18	12/19	13/20
FX-SHO	2008-12	11/19	-----	-----
FX-Cruiser HO	2008-12	11/19	------	-----

Description	Part No.
Skat-Trak FX-SHO/FZR/FZS 11/19	SY557525SW1119
Skat-Trak FX-SHO/FZR/FZS 12/19	SY557525SW1219
Skat-Trak FX-SHO/FZR/FZS 12/20	SY557525SW1220
Skat-Trak FX-SHO/FZR/FZS 13/20	SY557525SW1320
Skat-Trak FX-SHO/FZR/FZS 13/21	SY557525SW1321
Skat-Trak FX-SHO/FZR/FZS 13/22	SY557525SW1322
Skat-Trak FX-SHO/FZR/FZS 13/23	SY557525SW1323
Skat-Trak FX-SHO/FZR/FZS 13/24	SY557525SW1324
Skat-Trak FX-SHO/FZR/FZS 13/25	SY557525SW1325



SKAT-TRAK FX-SHO/FZR TWIN IMPELLERS

The new Twin Prop design drives of the line much quicker than the traditional single prop, and offers a substantial increase in rough water hookup.

	Engine Mods	Pitch	Part No.
Main Drive	Stock	12/18	SY557525SWM1218
Main Drive	Limited	12/20	SY557525SWM1220
Main Drive	Supermod	13/23	SY557525SWM1323

	Engine Mods	Pitch	Part No.
Inducer	Stock	12/17	SY440ID1217
Inducer	Limited	12/17	SY440ID1217
Inducer	Supermod	14/18	SY440ID1418



RIVA RACING

RIVA SOLAS DYNAFLY R-SERIES IMPELLER

This all new impeller delivers unmatched acceleration & top speed in Yamaha FX-SHO/FZ applications. The "R" Series impeller is precision tuned to RIVA specifications using a pitch block fixture. This offers a higher level of consistency when matched with RIVA Performance Kits. Includes billet impeller cone that locks solidly into place with 3 stainless set screws. Ideal for RIVA Stage 1 applications or higher levels of modification when matched with RIVA Pro-Series FX-SHO/FZ Reduction Nozzle (part# RY23040-N).

Description	Part No.
RIVA Solas Dynafly Impeller 13/22R	YS-DF-13/22R

Solas Recommends:	Part No.
FX-SHO/FZ Stock Replacement Impeller	YS-DF-14/21
FX-SHO/FZ Limited Boat Replacement Impeller	YS-DF-15/22

R&D

FX-SHO/FZR/FZS/VXR/VXS R&D PRO COMP CLUTCH SAVER BILLET DRIVELINE COUPLER SET



R&D Performance is proud to announce the release of the new SHO/FZR Pro Comp Clutch Saver Driveline Couplers. The new clutch saver design increases the rotational mass of the 1800cc engine. The engineers at R&D added approximately 1.5 pounds of weight to the driveline couplers to increase the rotational mass of the engine. The added mass dampens the moment of inertia and absorbs shock that the supercharger clutch and pump impeller receive each time the engine accelerates. The result is smoother engine performance with added clutch life and reduced prop shock and cavitation. These precision couplers are made from billet aircraft aluminum and CNC machined to exact tolerance and do not require the use of the OEM Allen Bolt to secure the coupler.

Also available for MOD SHOP conversion hull kits.
The R&D Coupler set is designed to utilize the OEM Dampner Part# 921613711 (Not Included).

Description	Part No.
R&D Billet Coupler Set SHO/FZR/VXR/VXS	612-01801



FX-SHO/FZR/FZS/VXR/VXS IMPELLER SHAFT HOLDER TOOL

Developed specifically for the FX-SHO/FZR/FZS/VXR/VXS watercraft, this tool is required to change the impeller. 20mm splined.

Description	Part No.
FX-SHO/FZR/FZS/VXR/VXS Impeller Tool	TOOL #53

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RIVA FZ BILLET MIRROR BLOCK-OFF KIT

RIVA's billet Block-off Kit covers the opening left in the hood when mirrors are removed for competition. Enhances craft's sleek lines and aerodynamics. Easy installation requires no special tools. Precision machined from billet aluminum and anodized to prevent corrosion. Includes installation hardware.

Description	Part No.
RIVA FZR/FZS Billet Mirror Block-Off Kit	RY5-FZ-MB



RIVA VXR/VXS/VX MIRROR BLOCK-OFF KIT

RIVA's billet Block-off Kit covers the opening left in the hood when mirrors are removed for competition. Enhances craft's sleek lines and aerodynamics. Easy installation requires no special tools. Precision machined from billet aluminum and anodized to prevent corrosion. Includes rubber mounting pad & installation hardware. Fits all 2010-11 VX & 2011 VXR/VXS.

Description	Part No.
RIVA VXR/VXS/VX Mirror Block-off Kit	RY5-VXR-MB



RIVA VXR/VXS/VX REAR STORAGE TUB

Add 4 gallons of convenient under-seat storage to your VX or VXR/VXS watercraft. Durable plastic storage tub removes easily to allow access for maintenance. Fits all 2010-11 VX & 2011 VXR/VXS

Description	Part No.
RIVA VXR/VXS/VX Rear Storage Tub	RY4-RST-060

KYLE ARAIZA

Hot Products Sponsored Junior Racer



2012 Race Results

7th place Mark Hahn 300 in stand up open
1st place Junior 13-15 stock, 1st Novice ski stock, Parker AZ
1st place Junior 13-15 stock, 1st Novice ski stock, Panama City FL (Natl. Tour)
1st place Novice ski stock, Lake Perris CA
2nd place Junior 13-15 stock, 2nd Novice ski stock, Sparks NV (Natl. Tour)
1st place Junior 13-15 limited, 1st Pro Am limited, Dallas TX - Round 5
1st place Junior 13-15 limited, 1st Pro Am limited, Dallas TX - Round 6
1st Novice ski stock, (Novice ski stock Western Reg. Champion) Lake Perris CA
1st place Junior 13-15 limited, 1st Pro Am limited, Bay Town TX - Round 7
1st place Junior 13-15 limited, 1st Pro Am limited, Bay Town TX - Round 8
1st place Junior Ski Stock, Parker AZ - Round 1
2nd place Junior Ski Stock, Parker AZ - Round 2
1st place Junior Ski Stock, Panama City Fl (Natl. Tour)
3rd place Novice Ski Stock, Panama City Fl (Natl. Tour)

2012 Hot Products IJSBA World Finals Results

Junior 13-15 Stock 8th place
Junior 13-15 Lites 5th place
Junior 13-15 Limited 5th place (First 2 stroke ski, First American)
Junior 13-15 Ski Slalom 6th place (First Kawasaki Stock SXR, First American)

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Optima Racing • RRP • Mike's Jet Ski • Streamline Designs
Ryno Power • M&M Marine • Ultimate Watercraft Performance





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GENUINE JETTRIM Ratchin Stuffin

JETTRIM CUSTOM ORDER SEAT COVER

Description	Part No.
Jettrim FZR (09-11) Spike Design Custom Seat Cover	YFZR101
Jettrim FZR (09-11) Retro Design Custom Seat Cover	YFZR102
Jettrim FZR (2012) Custom Design Seat Cover	YFZR105
Jettrim FZS Retro Design Custom Seat Cover	YFZS101
Jettrim FZS Spike Design Custom Seat Cover	YFZS102
Jettrim FX-SHO Custom Design Seat Cover	YSHO101
Jettrim VXR Custom Design Seat Cover	YVXR101

PRE-COLORED HOT PRODUCTS RECOMMENDED JETTRIM SEAT COVERS

FZR Series (09-11)



YFZR101-B
Top: *Black Diamond Plate Non-Slip Vinyl*
Front & Rear Side: *Carbon Black Large*
Spike: *Smooth Light Green Vinyl*
Rear: *Black Ostrich*
Stitch: *Green Thread on Top*

FZR Series (2012)



YFZR105-A
Top Front: *Medium Slip Black*
Top Rear: *Medium Slip Silver*
Front Collar: *Carbon Red Vinyl*
Center Band & Tail: *Carbon Red Vinyl*
Side & Back Rest: *Smooth Black Vinyl*
Stitch: *Red Thread on Top*

FZS Series



YFZS101-B
Front: *Kevlar Black*
Top 1: *Medium Slip Silver*
Top 2: *Smooth Grain Red*
Rear Top: *Medium Slip Black*
Rear Tail: *Smooth Grain Red*
Side: *Carbon Black*
Tail: *Medium Slip Black*
Rear Side: *Carbon Dark Silver*
Stitch: *Red Thread on Top*

VXR Series



YVXR101-A
Top Front: *Medium Slip Silver Vinyl*
Top Rear: *Medium Slip Black*
Front Collar: *Carbon Dark Blue Vinyl*
Center Band & Tail: *Carbon Dark Blue Vinyl*
Side & Back Rest: *Smooth Black Vinyl*
Stitch: *Blue Thread on Top*



YVXR101-C
Top Front & Rear: *Non Slip Black Diamond Plate Vinyl*
Front Collar: *Smooth Grain Black Vinyl*
Center Band & Tail: *Smooth Grain Black Vinyl*
Side: *Carbon Black*
Back Rest: *Bright Orange*
Stitch: *Orange Thread on Top*











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HYDRO-TURF PREMIER CUSTOM ORDER SEAT COVER

Description	Part No.
FX SHO (2008-11)	AZ-SEWFX1
FX SHO & FX HO (2012)	AZ-SEWFX11
FX Cruiser HO & FX Cruiser SHO (2012)	AZ-SEWFX21
FZR (2009-11)	AZ-SEWFZR
FZR (2012)	AZ-SEWFZR1
FZS (2009-12)	AZ-SEWFZS
VX Cruiser (2012)	AZ-SEWVXC1
VXR (2011-12)	AZ-SEWVXR
VXS/VX Deluxe/VX Sport (2011-12)	AZ-SEWVX1



FX SHO (08-11)
AZ-SEWFX1



FX SHO & FX HO (12)
AZ-SEWFX11



FX Cruiser HO & FX Cruiser SHO (12)
AZ-SEWFX21



FZR (09-11)
AZ-SEWFZR



FZR (12)
AZ-SEWFZR1



FZS (09-12)
AZ-SEWFZS

VXR (11-12)
AZ-SEWVXR



VXS/VX Deluxe
VX Sport (11-12)
AZ-SEWVX1



HYDRO-TURF CUSTOM SEAT COVERS

Description	Part No.
FX SHO (2008-11)	SEWFX1
FX SHO & FX HO (2012)	SEWFX11
FX SHO Cruiser (2008-09)	SEWFX1C
FX SHO Cruiser (2010-11)	SEWFX1C-T
FX HO Cruiser (2005-08)	SEWFX2
FX HO Cruiser (2009-11)	SEWFX2-V
FX Cruiser HO & FX, Cruiser SHO (2012)	SEWFX21
FX Cruiser (2003-04)	SEWFXC
FZR (2009-11)	SEWFZR
FZR (2012)	SEWFZR1
FZS (2009-12)	SEWFZS
VX (2005-09), VXS, DLX & SPT (2011)	SEWVX
DOES NOT FIT VXR	
VXS/VX Deluxe/VX Sport (2011-12)	SEWVX1
VX Cruiser (2006-11)	SEWVXC
VX Cruiser (2012)	SEWVXC1
VXR (2011-12)	SEWVXR

FX SHO (08-11)
SEWFX1



FX SHO Cruiser
SEWFX1C
SEWFX1C-T



FX HO Cruiser
SEWFX2
SEWFX2-V



VX (05-09), VXS
SEWVX





FX Cruiser (03-04)
SEWFXC



FZR (09-11)
SEWFZR



FZS (09-12)
SEWFZS

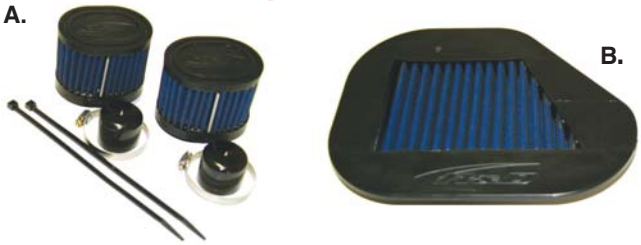


VX Cruiser (06-11)
SEWVXC



VXR (11-12)
SEWVXR

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R&D KAWASAKI ULTRA 250/260/300 HIGH PERFORMANCE AIR INTAKE SYSTEMS

The R&D high performance Air Filter Kit will improve acceleration and top speed performance by increasing air flow and reducing air temperatures that enter directly into the Ultra 250/260/300X's air plenum box area. The O.E.M. air plenum box on the Ultra 250/260/300X's is a great design that will flow plenty of air. However, the air that feeds the plenum box is heated by the engine. R&D has created an easy to install "flat filter" that installs directly in place of the large center access inspection cover located directly under the main glove box.

The R&D Flat Air Filter insert will allow unrestricted fresh and cool air to enter the air plenum box area which will add power you can feel and a nice high performance tone. The R&D Performance Filter Kit also features two filters, one for each of the surge and blowoff protections valves. The O.E.M. surge valve recycles compressed hot air back into the air box plenum at idle and under deceleration conditions. The R&D surge and blowoff valve filter kit removes the air recycling hoses which will keep the hot air from entering the air plenum box reducing the engines intake air temperatures. The R&D Ultra 250/260/300X's Air Filter Kit offers great performance tips on how to remove the restrictive air vent hoses which will further reduce the under seat ambient air temperatures. The R&D Filter system does not remove or alter the O.E.M. plenum box in any way, therefore there are no questions to be answered regarding water ingestion!

The R&D Filter Kit is easy to install with no modifications required to the O.E.M. parts. IJSBA legal for all classes.

Description	Part No.
A. & B. R&D Ultra 250/260/300X Cool Air Intake Kit	**215-25000**
This kit consists of one of each 215-25001 & 215-24999	
A. R&D Ultra 250/260/300X Surge and Blowoff Valve Air Filter Kit Only (2 pieces)	**215-25001**
B. R&D Ultra 250/260/300X Cool Air Intake Flat Filter Only	**215-24999**



Overall Winner Jean Bruno Pastorello/Chris MacClugage Team at 2013 Hot Products IJSBA Mark Hahn Memorial Havasu 300



RIVA ULTRA 250/260/300 PERFORMANCE POWER FILTER KIT

RIVA's Ultra Performance Power Filter Kit: Delivers greatly improved acceleration and increased top speed by replacing the restrictive stock intake system. The Power Filter feeds your supercharger with an increased volume of air via a large 4" diameter intake duct and oversized K&N filter element. Ducting is precision formed from a race proven composite that will not conduct heat to incoming air. Includes water-repellent pre-filter.
IJSBA legal for all classes.

Description	Part No.
RIVA Racing Ultra 250X/250LX/260X/260LX Performance Power Filter Kit	**RK13090**
RIVA Racing Ultra 300X/300LX Performance Power Filter Kit	**RK13100**
RIVA Replacement Power Filter only for RK13090/RK13096/RK13100	**RK13090-2**
RIVA Pre-Filter only for RK13090-2	**RK13090PF-BK**





RIVA ULTRA 250/260 BYPASS UPGRADE KIT

Easy to install Bypass Upgrade Kit contains all parts necessary to redirect hot air from the engine's bypass valves and crankcase vent; eliminating power-robbing engine emissions from entering your air intake system. Kit includes fitted K&N filters for bypass & blow-off valves and crankcase vent. Designed to work with both RIVA Pro-Series & Performance Power Filter Kits for Ultra 250X/260X (RK13090). Shown above.

Description	Part No.
RIVA Ultra 250X/260X Bypass Upgrade Kit	**RK1750-BPUK**

This kit is not compatible with the 300X model.

KAWASAKI 4-STROKE MODEL

MODEL	YEAR
ULTRA LX*	2007-2013
ULTRA 250X	2007-2008
ULTRA 250LX	2007-2008
ULTRA 260X	2009-2010
ULTRA 260LX	2009-2010
ULTRA 300X	2011-2013
ULTRA 300LX	2011-2013
STX 12F	2004-2008
STX 15F	2004-2013

**Normally Aspirated*

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RIVA SPEED CONTROL OVERRIDE MODULE

- Removes restrictive speed limiter system.
- Increases top speed utilizing stock ECU.
- Works on all US model 2011-12 Ultra 300X & Ultra 300LX.
- U.S. models will gain 3-4mph with no additional modifications.
- Allows further top speed gains through aftermarket modifications.
- All original dash functions are retained.
- Easy plug-in installation.

Description	Part No.
RIVA Speed Control Override Module 300X/300LX (2011-12)	RK11100-SCOM



R&D ULTRA 300X SPEED-UP MODULE (SPEED CONTROL OVERRIDE)

- 3-4 MPH top speed improvement
- Retains O.E.M dash functions, Eco mode, and Cruise Control
- Plugs into O.E.M. harness terminals for a factory looking install, completely stealth to the ECU
- Improved RPM performance (up to 300+)
- Full Boost levels achieved (2 pound boost addition)
- Top speed performance significantly improved.
- 10 minute plug and play performance
- Works well with all other performance bolt on parts (R&D Ride Plate & Aquavein Scoop Grates)

Description	Part No.
R&D Ultra 300X Speed-Up Module (2011-12)	801-15300



ULTRA 250/260 HIGH PERFORMANCE ECU REPROGRAMMING SERVICES

R&D is proud to announce the new Ultra 250/260 ECU reprogramming services. The engineering staff at R&D has developed ECU programs to allow new performance levels to be reached for recreational enthusiasts and racers who are interested in more performance through reprogramming the OEM ECU. Entry level programs will allow the enjoyment of advanced ignition timing, and re-calibrated fuel maps. The Ignition timing and fuel maps are developed to safely maximize performance with 91 octane fuel. Programs offered are recreational performance tuned with safe AFR values, and can be further custom tuned (Richened) to accommodate additional boost levels. Customers who have purchased an R&D Powershot Fuel Control Unit can use the Powershot to further custom tune the AFR to work with the new ECU Program.

R&D Powershot Fuel Control Units are not required on entry level recreational programs using stock boost. However, custom fuel tuning with the Powershot Fuel Tuner can be an add-on or additional upgrade that is suggested for higher performance applications with increased boost. Fuel tuning or AFR conditions should always be checked and verified as values will always be slightly different from one engine set up to another. R&D strongly suggests that AFR tuning be periodically verified using Innovate Products LM1 or LC1 Logging Kit also available from R&D. Part. # 900-04378*****

****Special Order item.***

R&D R3 Reprogrammed ECU with an 8800 rpm rev limiter, increased ignition timing and custom fuel maps to improve bottom and mid range acceleration with a 2.5 mph gain in top speed. Designed for recreational use with 91 octane fuel.

Description	Part No.
Ultra 250X R3 ECU Reprogramming	801-02503
Ultra 260X R3 ECU Reprogramming	801-02603

****R&D does not currently offer ECU reprogramming for the Ultra 300X.***



R&D ULTRA 250/260/300 POWERSHOT ADJUSTABLE FUEL TUNER

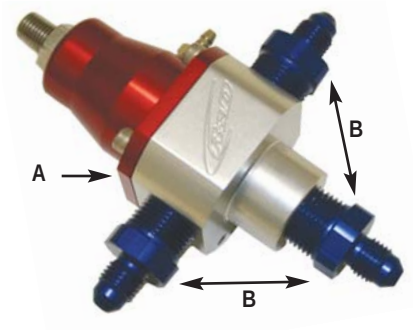
The R&D Powershot fuel injection tuner will deliver increased horsepower, acceleration, and stronger mid-range performance by delivering a higher performing Air to Fuel Ratio (A.F.R) to engine. Many of today's high performance fuel injected four stroke muscle craft have a lean A.F.R. R&D Performance has tested, documented, and analyzed the O.E.M fuel maps on every current fuel injected four stroke watercraft, and pre-programmed and coded the new R&D Powershot fuel injection control module to safely alter the O.E.M. fuel map to a higher performing and safer A.F.R. (richer). More horsepower, greater acceleration and stronger mid-range are the result when the proper A.F.R. is achieved and is tuned for optimum performance.

The R&D Powershot is fully adjustable on the fly (with the engine running, observed and tuned while riding), and will accommodate a wide range of adjustability to properly performance tune the A.F.R. for any combination of aftermarket parts. The R&D Powershot will add horsepower, reliability, and adjustability to any electronic fuel injected two or four stroke personal watercraft engine.

Description	Part No.
R&D Ultra 250/260/300X Powershot Fuel Tuner	801-25000

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R&D UNIVERSAL FUEL PRESSURE REGULATOR



Universal bypass fuel pressure regulator for carbureted or EFI fuel systems applications. Base fuel pressure is adjustable from 20 to 60 PSI with high pressure spring (installed). Ideal for carbureted and EFI bypass applications where more flow and superior pressure control are desired.

The universal type bypass style regulator is capable of handling any fuel pump up to 250 GPH. Replace "Deadhead" regulator performance and experience full flow volume and steady fuel pressure.

Description	Part No.
A. R&D Fuel Pressure Regulator *(Fittings not included)*	801-25010
B. #4 AN Straight Fitting *(Blue Anodized) (Sold individually)*	611-27503



R&D UNIVERSAL #4 AN FUEL RETURN LINE FITTING ADAPTER KIT

The R&D Universal Fuel Return Line Adapter Fitting can be installed into the top of any fuel tap assembly by finding a clear area on top of the fuel tap system large enough to install the fitting. Drill a 15/32" or #56 (.468) drill size hole and install the fitting using the kit supplied aluminum seal washer on each side of the fitting. The R&D universal fuel return fitting kit is the safest and cleanest way to properly install a fuel return to the top of any make or model fuel tap assembly. Kit comes with one #4 AN bulkhead fitting, one # 4 AN bulkhead nut, and two #4 AN 7/16" Aluminum washers.

Description	Part No.
R&D Universal #4 AN Style Fuel Return Line Adapter Kit	611-26002



R&D FUEL PRESSURE GAUGE

R&D offers the Autogage fuel pressure gauge gives the best reference in verifying and monitoring fuel pressure precisely on any supercharged or boosted engine. 0 to 100 psi.

Description	Part No.
R&D Fuel Pressure Gauge	900-02180



R&D ULTRA 250X ENGINE PERFORMER KIT

STOCK ULTRA 250X AVG. SPEED • 65.5-66 MPH @ 7600-7700 RPM
STAGE 1 PERFORMANCE KIT • 72-72.5 MPH @ 8050-8100 RPM

The R&D Performer Engine Kit Option will add a great boost in overall power. Increased low end and mid range response and acceleration, as well as a solid 2 MPH gain in top speed performance. The R&D Performer Engine Kit will deliver more horsepower reliably with the properly matched fuel control component parts only available through R&D. The R&D Performer Engine Kit will perform excellent in all recreational riding conditions using 91 octane pump gasoline. **Sold as complete kit only.**

The R&D Ultra 250X Performer Engine Kit #611-24349 consists of:

Description	Part No.
R&D Tensioner Wheel	611-25000
R&D 1 to 1 Supercharger Wheel	611-25011
R&D Powershot	801-25000
R&D 255 Low Pressure Fuel Pump	811-25255
R&D Fuel Pump Installation Tool	811-25257



R&D UNIVERSAL HIGH PERFORMANCE HIGH VOLUME FUEL PUMP KITS

All R&D fuel pumps have been precision flow rate tested and charted in (LPH) liters per hour. R&D fuel pumps arrive complete with terminal connectors for both the new high performance pumps quick connect installation, as well as extra terminal connector parts for the O.E.M. pump for use when converting back to stock. The R&D quick connect terminals help make fuel pump testing easy when switching from a low pressure to a high pressure fuel pump.

Description	Part No.
R&D 255 LPH (Liter Per Hour) Low Pressure Fuel Pump Kit (Performer Kit)	811-25255
R&D 255 LPH (Liter Per Hour) High Pressure Fuel Pump Kit (400hp Aftermarket Supercharger)	811-25256
R&D Fuel Pump Swedge Tool*	811-25257

**NOTE: R&D High Performance fuel pumps are .040 larger than O.E.M. Mitsubishi fuel pumps on Yamaha's and Kawasaki's, therefore it may be necessary to use the R&D Fuel Pump swedge tool to enlarge the fuel pump housing for easy installation.*

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ULTRA 250/260/300 OEM FUEL PUMP PRESSURE REGULATOR BLOCKOFF FITTING

R&D offers a Fuel Pump Pressure Regulator Blockoff Fitting Kit which will allow the O.E.M. stock in tank fuel pressure regulator to be removed completely and replaced with a billet part which is necessary when installing an aftermarket externally adjustable fuel pressure regulator. The R&D fitting is manufactured to "Deadhead" or block the port solid, however, the fitting is pre-machined and tapped and can be relief drilled to be able to install a Mikuni Super BN Series Main (High) jet directly into the fitting for a small in tank restrictor jet which for fine tuning fuel pressures. **Mikuni Jet not included.*

Description	Part No.
R&D 250/260/300 Fuel Pump Pressure Regulator Blockoff Fitting	811-25100



R&D ULTRA 250/260/300 DEEP FUEL PICKUP

The R&D Deep Fuel Pickup is designed to maximize fuel volume. The stock fuel pickup is located horizontally in the gas tank three inches above the bottom of the tank. This leaves approximately 5 gallons of unusable fuel in the bottom of the tank. The R&D Deep Fuel Pickup relocates the stock fuel pickup to the bottom of the tank in a vertical position. The new positioning allows for 24 percent more riding time per tank of gas.

Description	Part No.
R&D Ultra 250/260/300 Deep Fuel Pick Up	801-25100



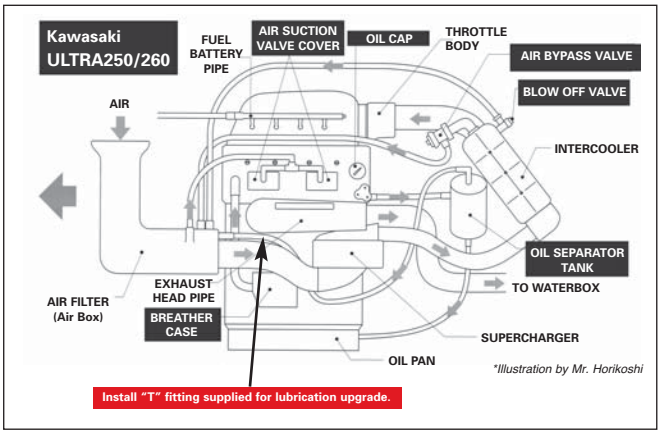
R&D ULTRA 250X HIGH FLOW FUEL INJECTOR KIT

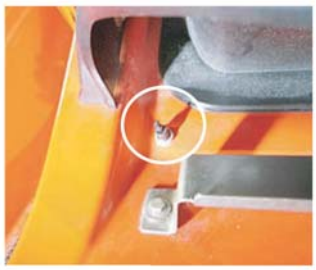
When boosting the horsepower on a Kawasaki four stroke fuel injected engine, whether using high compression pistons, cams, or higher ratio supercharger compressor wheels, it will be necessary to increase the fuel flow delivery. The O.E.M. Kawasaki injectors have been precision flow rate tested to be 90 to 95 percent peaked on stock units at sea level without modifications. R&D offers high performance fuel injectors with a higher atomization spray pattern that are easily capable of delivering fuel flow specifications to accommodate up to 375-400 horsepower!

R&D has flow rate tested the O.E.M. Ultra 250X injectors and verified them to flow 375cc at 40 PSI of fuel pressure, which rates them to flow 38 pounds of fuel per hour. The R&D High Performance Fuel Injectors have been precision flow rate tested to 625cc at 70 PSI of fuel pressure, which rates them to flow 62 pounds of fuel per hour. R&D High Performance Injectors have been flow rate tested to perform excellent, delivering precise fuel flow at fuel pressure ratings ranging from 40 to 80 PSI. R&D offers only the highest quality fuel injectors, fuel pressure regulators, and fuel management accessories for all your fuel management needs.

Description	Part No.
R&D Ultra 250X High Flow Fuel Injector Kit	811-25000

IWCS







ULTRA 250/260 LUBRICATION UPGRADE KIT

Upgrade your Ultra 250/260 to have a lubrication inlet nozzle kit like the **Ultra 300 has directly from the Kawasaki factory.** This kit will allow you to spray a aerosol lubricant of your choice into the supercharger, intercooler and throttle body to prevent rust from the excess moisture in the system. Complete instructions, pictures and a diagram supplied for a simple installation.

Description	Part No.
A. Ultra 250/260 Spray Nozzle Inlet for Lubrication	IWCS-USU
B. Replacement Plug for Nozzle Inlet Kit	IWCS-SU-P



Overall 2nd/3rd Filepe Filepe/Carlos Truata Team at 2013 Hot Products IJSBA Mark Hahn Memorial Havasu 300

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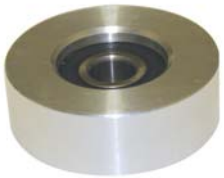


R&D ULTRA 250X/260X SUPERCHARGER PULLEYS

The new R&D Racing Supercharger Pulley Wheel will deliver a noticeable and impressive boost in torque and overall horsepower. Designed and manufactured from high quality billet aluminum and precision hard anodized for superior belt wear resistance. The R&D Pulley is 3/4 lb lighter than the O.E.M. steel pulley, and delivers 2.5 to 3.5 lbs of additional boost pressure along with 30 horsepower. The holeshot acceleration is a solid 1.5-2 boat lengths over stock with a top speed gain of 1 to 2 mph over stock. The R&D Pulley comes completely assembled with a new high performance bearing, all necessary hardware and installation instructions.

R&D strongly recommends the use of the R&D Powershot Fuel Tuner, R&D High Output Fuel Injectors and High Volume Fuel Pump Kit to increase fuel flow delivery when using the R&D Supercharger Wheel. Not using these recommended parts can result in engine damage due to a lean air fuel ratio.

Description	Part No.
R&D Supercharger Pulley Wheel 1 to 1 (entry level)	611-25011
R&D Supercharger Pulley Wheel 1.05 to 1	611-25105
R&D Supercharger Pulley Wheel 1.1 to 1	611-25110
OEM Replacement Supercharger Pulley	611-25010



R&D ULTRA 250X/260X SUPERCHARGER BELT TENSIONER WHEEL

R&D has significantly improved the Ultra 250X's serpentine belt tensioning wheel system by redesigning and precision machining a new tensioner wheel with a larger O.D. The new R&D Tensioner Wheel offers a wider adjustment range and helps to reduce belt slippage via more surface area for belt contact. Wheel comes complete with precision bearing installed.

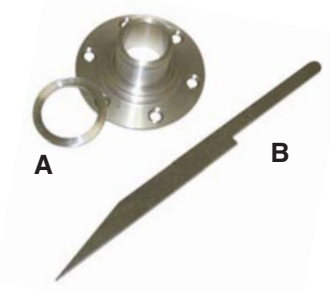
Description	Part No.
R&D Ultra 250X/260X Supercharger Belt Tensioner Wheel	611-25000



ULTRA 250X/260X BEARING REBUILD KIT

R&D recommends the inspection of the R&D Supercharger and Tensioner wheel bearings after 15 hours and replacing them after 20 hours.
* For the use of R&D supercharger pulleys and tensioner wheel only.

Description	Part No.
R&D Ultra 250X/260X Bearing Rebuild Kit	611-25009



R&D ULTRA 250X/260X SUPERCHARGER WHEEL BILLET HUB KIT

The R&D Supercharger Hub Kit will replace the O.E.M.'s vulnerable part with a redesigned and beefed up precision CNC Machined 6061 billet aluminum part that is much stronger than stock. The new R&D design also offers pulley wheel alignment adjustments with a CNC machined Shim Kit that allows for precision serpentine belt cog alignment. The R&D kit comes complete with a special tool that will indicate the perfect alignment of the crank drive and compressor pulleys. At 8,000 RPM, horsepower and belt life can be greatly sacrificed through misaligned pulleys! The R&D kit offers superior strength, precision pulley alignment, and extended serpentine belt life.

Description	Part No.
A & B. R&D Ultra 250X/260X Supercharger Wheel Hub Kit	611-25001
B. R&D Pulley Alignment Tool Only	611-26000



R&D ULTRA 250X/260X/150/12F/15F BILLET DRIVE COUPLERS

Billet aluminum drive coupler set for the Kawasaki 250X & 260X. The crank side coupler with the pulley is 1.24lbs lighter than the stock steel coupler. The pulley diameter is the same as stock. Uses the stock rubber dampener. Clear anodized for protection against saltwater corrosion.
These couplers do not fit the Ultra 300X.

Description	Part No.
Ultra 250X/260X Billet Drive Coupler Set	31-700590
Ultra 150/12F/15F Billet Drive Coupler Set	31-700490



R&D ULTRA 250X/260X SUPERCHARGER WHEEL PULLER TOOL

The R&D wheel puller tool makes it fast and easy to remove a supercharger wheel without the removal of the intercooler system or the water muffler assembly. The R&D Supercharger drive wheel puller will save at least an hour on a pulley removal and replacement. A must have tool.

Description	Part No.
R&D Ultra 250X/260X SC Wheel Puller Tool	611-26004



R&D ULTRA 250X/260X DRIVER WHEEL HOLDER TOOL

The R&D Holding Tool makes it fast and easy to remove and re-install a supercharger wheel without damaging or breaking the wheel hub. Use the holding tool to properly torque the drive bolts and main spline drive bolt. A must have tool.

Description	Part No.
Ultra 250X/260X Driver Wheel Holder Tool	611-26003

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R&D ULTRA 250X TEMPERATURE SENSOR INTERFACER

R&D Performance offers a unique supercharger air temp sensor interfacer which may be necessary on some Ultra 250X units. There have been some Ultra 250X models that will default into "limp home mode" if the charger temperature sensor is peaked prematurely. Any Ultra 250 which as this default occur on long rides on hot (115 degree) days should install the R&D Supercharger Temp Interfacer Kit. The Interfacer is an inexpensive fix for this randomly occurring problem on random boats.

Description	Part No.
R&D Ultra 250X Temperature Sensor Interfacer	801-25008



R&D AUTOMETER 0-35 PSI UNIVERSAL BOOST GAUGE

R&D offers the Autometer Ultra-Lite Series 2" mechanical boost gauge to give the best reference in verifying and monitoring boost levels precisely. Installing a precision boost gauge is the only way to know exactly what boost level the compressor is producing. Check and verify constant boost conditions, verify clutch conditions and true boost level gains when installing aftermarket compressors, compressor wheels, and overdrive compressor drive wheels. The Autometer Gauge kit comes complete with all the necessary hardware, and 10 feet of nylon tubing to install on any watercraft.

Description	Part No.
R&D Autometer Universal Boost Gauge	900-04304
R&D Ultra 250 Boost Guage Adapter	611-26002

NOTE: It will be necessary to order an R&D Boost Gauge Adapter Kit for the specific make and model of engine.



R&D ULTRA WASTE GATE BLOCK-OFF KIT

The new R&D Waste Gate Block-Off kit is designed to block-off the inconsistent OEM waste gate. The CNC machined part allows the supercharger to deliver its boost without premature pressure loss from a leaking waste gate. Kit comes complete with gaskets and hardware.

Description	Part No.
R&D Ultra 250/260/300X Waste Gate Block-Off Kit	611-26001



R&D ULTRA 250/260/300 BOOST GAUGE ADAPTER

The R&D Boost Adapter installs between the supercharger and the waste gate and allows the ability to mount a boost gauge to it via 1/8" fitting. This will enable an accurate measurement of boost the supercharger is delivering. Kit comes with gaskets and hardware.

Description	Part No.
R&D Ultra 250/260/300X Boost Gauge Adapter	611-26002



ROGUE RACING ULTRA VALVE COVER BLOCK OFFS

Features:

- Inexpensively replaces worn or leaking valves
- Lowers exhaust temperatures
- Lowers exhaust back pressures
- More consistent top speed averages
- More precise AFR tuning
- More responsive low end performance

Description	Part No.
Rogue Racing Ultra 250X/LX (07-08), STX-15F/12F Valve Cover Block Offs	EBOP-BLK

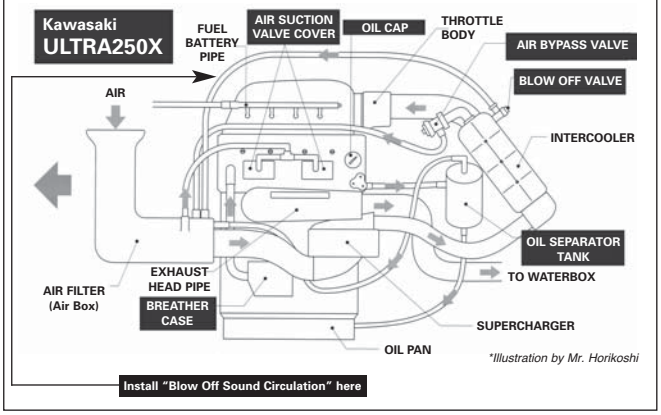


TBM RACING ULTRA 250X VALVE COVER VENT BLOCK OFF PLATE

Complete the valve cover dress up with our Valve Cover Vent Block off Plate.
This is the last piece to give your engine compartment the ultra trick look.

Description	Part No.
TBM Ultra 250X (07-08) Valve Cover Vent Block off Plate	TBM138

2007 KAWASAKI ULTRA 250X ENGINE DIAGRAM





SQUADRON

ULTRA 250/260/300 BLOW OFF SOUND CIRCULATOR

The blow off circulator is installed into the air hose located back of the seat. This small piece fits in the blow off return line hose. When you let off the throttle and the blow off valve opens the part will create a racing performance sound from the part.

Description	Part No.
Blow Off Sound Circulator Ultra 250/260/300 (All)	DC-BSS

Check the sound at Youtube

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RIVA FREE FLOW EXHAUST KIT ULTRA 250 (07) & STX-15F (04-09)

Enables you to bypass or remove secondary muffler (weight savings of +10lbs) improving engine performance by reducing back pressure and harmful detonation. Formed aluminum exhaust tube is lightweight and powder coated to resist corrosion. Included billet exhaust tip (also sold separately) with laser-etched graphics is anodized to prevent corrosion. High temperature silicone couplers included with detailed installation instructions. ***Clamps are not included.***

Description	Part No.
RIVA Racing Free Flow Exhaust Kit Ultra 250X (07), 250LX (07)	RK16090
RIVA Racing Free Flow Exhaust Kit STX-15F (2004-09)	RK16085



RIVA ULTRA 250 (08)/260/300 FREE FLOW EXHAUST KIT

High quality mandrel bent aluminum exhaust tube will survive meltdowns & backfires. Includes billet exhaust outlet with laser etched graphics that is anodized to prevent corrosion. High temperature silicone couplers included along with detailed installation instructions.

2011-12 Ultra 300: Replaces soft rubber exhaust hose with sturdy aluminum tubing. For maximum performance, use with RIVA Pro-Series Water Box (part# RK16091-1).
2008-10 Models: Replaces restrictive 1 3/4" rubber exhaust hose with large 2 1/4" aluminum tubing & outlet. For maximum performance, use with RIVA Pro-Series Water Box (part# RK16091-1). Can also be utilized with OEM water box using silicone reduction coupler (part# RK16090-08-ERC).

Description	Part No.
RIVA Racing Free Flow Exhaust Kit Ultra 250 (08), 260 (2009-10), 300 (2011-12)	RK16090-08



RIVA RACING PRO-SERIES ULTRA 250/260/300 WATER BOX

Developed on RIVA's Dyno and tested extensively on the water, this water box features radiused exhaust tubes and end caps for optimum exhaust flow. Unique exhaust baffle will increase the low-end power and mid-range pull of your Kawasaki Watercraft. Delivers up to 15hp on modified engines along with significant torque gains. High-strength aluminum construction will survive backfires and meltdowns. Powder coated to prevent corrosion. A must for modified motors. Includes detailed installation instructions.
Key Features:
- Delivers up to 15hp on modified craft.
- Machined hose flanges for reliable coupler retention.
- Radiused exhaust tubes & end caps.
- Powder coated to prevent corrosion.

2011-12 Ultra 300: Direct replacement for original water box. Use with stock exhaust outlet hose or RIVA Free Flow Exhaust Kit (part# RK16090-08).
2008-10 Models: Direct replacement for original water box. Features larger outlet (2-1/4") compared to stock water box (1-3/4"). Must be used with RIVA Free Flow Exhaust Kit RK16090-08.
2007 Models: Direct replacement for original water box. Use with RIVA Free Flow Exhaust Kit (Part # RK16090).

Description	Part No.
RIVA Ultra 250/260/300 Pro-Series Water Box	RK16091-1



RIVA EXHAUST REDUCTION COUPLER

Fits: **2009-10 Ultra 260** & **2008 Ultra 250.** High-temp silicone reduction coupler allows RIVA Free Flow Exhaust Kit (Part # RK16090-08) to be used with the stock water box.

Description	Part No.
RIVA Exhaust Reduction Coupler	RK16090-08-ERC



RIVA RACING BILLET EXHAUST TIP FOR ULTRA 250X/LX, 260X, STX-15F/12F

Quickly and easily add style to your craft with this direct replacement for the stock, plastic exhaust tip. Made from billet aluminum with laser etched graphics. Anodized to prevent corrosion.

Description	Part No.
RIVA Racing Billet Aluminum Exhaust Tip Ultra 250X/LX (07), STX-15F (2004-09)/STX-12F (2003-08)	RK16086
RIVA Racing Billet Aluminum Exhaust Outlet Ultra 250X/LX (08), 260X (2009-10), 300X (2011-12)	RK16090-EO

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RIVA ULTRA 300 EXHAUST RACE PLATE

RIVA's Exhaust Race Plate allows easy removal of restrictive honeycomb element on Ultra 300 for competition use. OEM exhaust element is located inside exhaust manifold obstructing exhaust flow and producing excessive heat. Installation of Race Plate increases horsepower and reduces under-hood operating temperatures. Plate is precision machined out of high quality stainless steel. FOR COMPETITION USE ONLY.

Description	Part No.
RIVA Ultra 300 Exhaust Race Plate	RK18100-ERP



ULTRA 250/260/300 INTERCOOLER TEMPERATURE CONTROL UPGRADE KIT

The R&D Ultra 250 Intercooler Temperature Control system was developed to offer an inexpensive complete bolt on kit that will allow the full performance and cooling potential the O.E.M. intercooler has to offer for recreational applications. Intercooler core water temperatures have a range of affect on the supercharged air temperatures that enter into the engine. The Kawasaki Ultra 250 Intercooler operates on a dual line entrance mixture of lake temperature water and hot (140 degree) engine water that enters from the exhaust manifold to the top of the intercooler. R&D has found that bypassing the hot engine cooling water directly outward, and adding an additional intercooler cooling line, there can be a substantial and noticeable increase in low end and midrange power along with reduced detonation. The R&D Intercooler Temperature Control Kit also includes an industry first intercooler pressure relief blowoff valve to keep internal water pressures down to safe O.E.M. pressure ranges. R&D offers a range of machined flow control fittings to allow water volume control tuning for intercooler temperature adjustments for warm lake water and extreme hot air conditions. R&D offers an additional pressure relief blowoff valve kit for high water volume flow rates on higher boost Performer and Stage 1 engine kits. The R&D Kit will allow temperature tuning that will deliver surprising results.

- More horsepower with cooler intake air temperatures
- Increased acceleration and mid range performance
- Reduces detonation in hot weather conditions
- Temperature control tuneability
- An inexpensive recreational performance addition
- Pressure relief valve preserves O.E.M. intercooler
- Easy installation instructions

Description	Part No.
R&D 250/260/300 Intercooler Temperature Control Upgrade Kit	660-82500



R&D ULTRA 300 PERFORMANCE EXHAUST PLATE

The R&D Performance Exhaust Plate replaces the restrictive OEM exhaust honeycomb filter that Kawasaki recommends inspecting or replacing every 25 hours. The R&D Exhaust Plate eliminates excessive exhaust heat and flow restriction produced by the OEM exhaust filter. Improved exhaust flow decreases back pressure, and heat and increase performance. The Exhaust Plate also features small water ports that decrease water flow to the water box, which eliminates hard starting conditions from wet spark plugs. The R&D Exhaust upgrade never needs to be inspected or replaced. Kit comes complete with gaskets to install.

Description	Part No.
R&D Ultra 300 Performance Exhaust Plate	331-35300



R&D HIGH TEMPERATURE SILICONE COUPLINGS

Description	Part No.
3" - 3" High Temp Silicone Couplings	061-30030
3" - 2" Reducer High Temp Silicone Couplings	061-32500
2.75" - 2.5" Reducer High Temp Silicone Couplings	061-32501
3" - 2.75" Reducer High Temp Silicone Couplings	061-32750



Kawi Girls & Boys Racing Team
at 2013 Hot Products IJSBA
Mark Hahn Memorial Havasu 300
66 - Kawi Girls Paris/Kanamori/Kume
66X - Kawi Boys Jim Ferrin/Ben/Yuji Shiraki

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RIVA ULTRA VALVE TRAIN UPGRADE KIT



RIVA's Valve Train Upgrade Kits increase the reliability of your modified engine by reducing the possibility of valve float at high rpm. Includes lightweight, precision-machined titanium valve retainers, racing valve springs, and base washers.

Description	Part No.
RIVA Ultra Valve Train Upgrade Kit Ultra 250/260, STX-15F	RK19085-VTU

RIVA KAWASAKI HIGH PERFORMANCE VALVE SET



RIVA High Performance Valve Kits are engineered to improve reliability and performance in high-boost supercharged & turbocharged engines. Intake valves are built from high grade EV-8 (24-4N) stainless that is extremely resistant to corrosion. Exhaust valves are built from inconel alloy (IN-751). Direct drop-in replacement valves require no machining of cylinder head.

- Stronger & lighter than stock valves.
- Redesigned valve heads for improved air flow & strength.
- High grade stainless intake valves resist corrosion.
- Inconel exhaust valves resist heat from high boost applications.
- Valve stems feature hard-chrome plating for superior wear & lubricity.
- Includes high strength valve locks. • Sold in sets of 16 (8 Intake/8 Exhaust)

Description	Part No.
RIVA Ultra 250/260, STX-15F* High Performance Valve Set	RK19085-HPV-0

300X exhaust valves are 1mm larger than 250/260





RIVA VALVE COMPRESSION TOOL

RIVA's overhead Valve Compression Tool allows easy removal of valve springs and keepers without removing the cylinder head. Includes compression adapter to pressurize cylinder keeping valves in place during removal of stock springs and keepers. **Fits both Kawasaki 1.5L & Yamaha 1.8L 4-stroke engines.**

Description	Part No.
RIVA Valve Compression Tool Fits Kawasaki 1.5L 4-stroke & Yamaha 1.8L	RY19040-VCT

CP PISTON KITS FOR KAWASAKI

Ultra 250X (2007-08), Ultra 260X (2009-10) Ultra 300X (2011-13)
SuperCharged 4 stroke, DOHC inline 4 cylinder Stock CR: 8.4:1
Stock Bore: 3.267 (83mm) Stock Stroke: 2.724 (69.2mm)

PISTON KIT	DESCRIPTION	RING #
M4049	83mm Standard Bore (1498cc) 2009 - 12 Kawasaki Ultra 260X 9.5:1 Turbo	CPN-3268
M1078	83mm Standard Bore (1498cc) 2009 - 12 Kawasaki Ultra 260X 10.5:1 Turbo	CPN-3386
Stock Bore: 3.267 (83mm)		

Sold as Kit (4 pistons per kit)
****Piston sold complete with: rings, piston pin and locks***



JE PISTON KITS FOR KAWASAKI ULTRA 250X/260X/300X

MODEL	PISTON KIT #	DISP.	BORE SIZE	OVER SIZE	COMP. RATIO	RING #
250X/260X	274213	1498cc	83mm	STD	9.5:1	JG1001-3268
250X/260X	290051	1498cc	83mm	STD	10.5:1	JG1001-3268
300X	300271	1498cc	83mm	STD	9.5:1	JG1001-3268
300X	300272	1498cc	83mm	STD	10.5:1	JG1001-3268

Sold as Kit (4 pistons per kit)
****Piston sold complete with: rings, piston pin and locks***

WISECO PISTON KITS FOR KAWASAKI ULTRA 260LX/260X

Kawasaki Model	Years	Bore x Stroke (mm)	Piston Kit Number	Replacement Ring Set	Pins & Clips
ULTRA 260LX ULTRA 260X	2009-10	83.00	**40048M08300***	8300XX	Wrist Pin **S624** Circlips **CW28**
8.4:1 Compression • ArmorGlide™ Skirt Coated ***Piston sold complete with: rings, piston pin and circlips.***					

****Sold individually***



CARRILLO CONNECTING RODS

Description	Part No.
Carrillo Connecting Rod Set ULTRA 250/260/300 & STX-15F (sold 4 rods per set)	KA-STX15>-8M4449S-04

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RIVA PRO-SERIES 4-STROKE CYLINDER HEAD STUD KITS

RIVA's ultra high strength cylinder head stud kit is essential equipment when upgrading internal components on your high boost Yamaha engine. Precision machined from premium grade 8740 alloy and heat treated to exacting tolerances, these studs dramatically increase reliability & ease of maintenance.
Key Benefits Include:
- Superior material & heat treat process provide 10X better than OEM bolts.
- Studs provide improved alignment of cylinder head and gasket.
- More accurate & consistent torque loading.
- Helps prevent blown head gaskets and assures optimum engine sealing.

Description	Part No.
RIVA Pro-Series Cylinder Head Stud Kits Ultra 250/260/300, STX-15F	RK10085-HSK



Minoru Kanamori wrenching on his friend's Ultra 300X

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K&N PERFORMANCE GOLD OIL FILTER

- 1-inch nut easy-on/easy wrench-off
- Drilled safety wire holes for racing
- Heavy-duty construction
- Premium filter media provides outstanding filtration at high-flow rates.

Description	OEM#	Part No.
All Kawasaki Four Stroke PWC	16099-004	KN204



SQUADRON ULTRA 250/260 OIL CAP

The Squadron Oil Cap features a clear window to allow you to see the internal parts of your engine. The oil cap comes in three color options and is anodized to prevent corrosion and wear.

Description	Part No.
Squadron Red with Silver Ring Billet Oil Cap	DCR-OIL-01
Squadron Green with Silver Ring Billet Oil Cap	DCR-OIL-02
Squadron Black with Silver Ring Billet Oil Cap	DCR-OIL-03



TBM ULTRA 250 BILLET OIL CAP

Complete the dress up of your engine compartment with the TBM billet aluminum oil filler cap.

Description	Part No.
TBM Ultra 250 Billet Oil Cap	TBM139



Description	Part No.
NGK Spark Plug 10/box	CR9EK
NGK Laser Platinum Premium Plug 4/box	PMR9B
Nippon Denso Iridium Plug 4/box	IU27

*Sold per box only

Model	NGK Spark Plug	NGK Platinum Plug	Denso Iridium Plug
250X	----------	PMR9B (4/box)	IU27 (4/box)
Ultra LX	CR9EK (10/box)	----------	IU27A (4/box)
260X	----------	PMR9B (4/box)	IU27 (4/box)
300X	----------	PMR9B (4/box)	IU27 (4/box)
300LX	----------	PMR9B (4/box)	IU27 (4/box)
STX12F	CR9EK (10/box)	----------	IU27A (4/box)
STX15F	CR9EK (10/box)	----------	IU27A (4/box)

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RIVA ULTRA PRO-SERIES STEERING SYSTEM

Introducing the ultimate race proven steering system for your Kawasaki Ultra. Fully adjustable design features a dual tube steering head for maximum strength & rigidity. Directly replaces bulky OEM mechanism with a stronger & lighter unit that provides variable height options. Delivers a precision feel and the confidence to push your craft to the limit with improved dependability and comfort. Bulletproof bar clamp will accept any 7/8" handlebar or 1 1/8" fat bars. Includes all necessary installation hardware and instructions.

Key Features:
- Superior strength & rigidity over OEM system.
- Cutting edge race styling.
- Variable height and handlebar tilt adjustment.
- Accepts both 7/8" bars & 1 1/8" Fat bars.
- Retains Off Throttle Steering system.
- Race tested & proven on 2010 IJSBA/APBA tours.
- All aluminum parts anodized to prevent corrosion.
- Standard 8 3/4" tubes provide adjustment.
- Optional 11 1/2" tube kit provides additional height choice.
- Fits Kawasaki Ultra 250/260/300 models.

NOTE: Requires use of **Aftermarket Handlebars.**

Description	Part No.
RIVA Ultra 250/260/300 Steering System	RK20090-U-8.75
RIVA 11.75" Tube Kit for RK20090	RK20090-RK-11.75



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RIVA ULTRA PRO-SERIES STEERING LOWER

RIVA's Steering System Lower replaces the inferior stock steering plate mount that wear outs and fails over time. Constructed with billet aluminum and high quality stainless steel materials along with high quality sealed cartridge bearings ensuring smooth precise steering. Billet steering arm provides an infinite amount of steering ratio adjustment and incorporates a dampening effect enabling you to ride in any conditions with complete confidence and control. Supplied billet lower clamp provides additional tilt adjustment for increased comfort.

Key Features:
- Superior strength & rigidity over OEM system.
- Cutting edge materials and design.
- Variable tilt adjustment.
- Retains Off Throttle Steering system.
- Race tested & proven on 2011 IJSBA/APBA tours.
- All aluminum parts anodized to prevent corrosion.
- Requires **RIVA Ultra Pro-Series Steering System (part# RK20090-U-8.75)**
- Fits Kawasaki Ultra 250/260/300 models.

Description	Part No.
RIVA Ultra Lower System Steering Assembly	RK20090-L



RIVA ULTRA 250/260 STEERING COLUMN COVER

This lightweight cover fills the large void left when the stock steering system is removed. Designed for use with UMI Steering System and highly recommend when using RIVA Pro-Series Power Filter Kit (part# RK13096).

Description	Part No.
RIVA Ultra 250/260 Steering Column Cover	RK5-SCC-090



SKAT-TRAK "HEAVY-ARMOR" ULTRA 250/260 STEERING CABLE

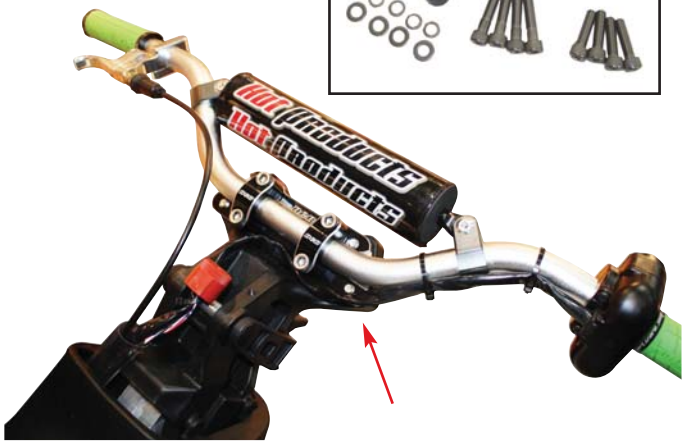
The Skat-Trak "Heavy-Armor" steering cable directly replaces the stock steering cable that is prone to failure on modified Kawasaki Ultra 250/260. At twice the thickness, this heavy-duty steering cable is more durable and reliable when compared to the stock steering cable. Comes complete with stainless steel ball joint cable ends for easy installation and adjustment.

Description	Part No.
Skat-Trak Heavy Armor Ultra 250/260 Steering Cable*	PRSTKAWU250A

This cable does not fit the Ultra 300.

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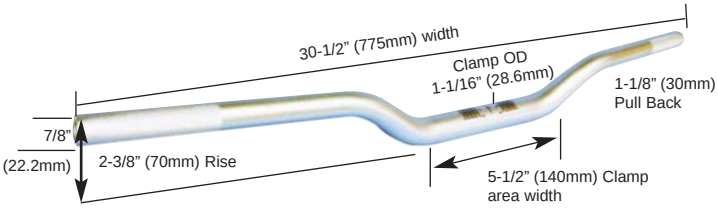




ULTRA 250/260/300 AFTERMARKET BILLET HANDLEBAR ADAPTER

This billet aluminum handlebar adapter was developed to allow a rider the ability to install aftermarket handlebars on the Kawasaki Ultra 250, 260 and 300. This simple conversion will greatly improve steering and control.

Description	Part No.
Ultra 250/260/300 Billet Handlebar Adapter	DC-HA-KU



HOT PRODUCTS RUNABOUT FAT BARS

Description	Part No.
Hot Products Fat Runabout Bars	HJFT-01



TBM RACING ULTRA 250X/260X/300X REAR SPONSONS

TBM's backing plate is a two piece design constructed of 6061 billet aluminum and allows you to adjust the sponson closer, or further away from the hull dramatically affecting the handling characteristics of your Ultra. The backing plates are not just a mounting pad for the sponson blade, they are designed to create lift and reduce friction once up on plane with our stepped design which increases speed and gives the blade more bite in the corners. These blades also incorporate a stepped design and have 12 different mounting positions giving you an infinite amount of adjustment.

Description	Part No.
TBM Ultra Adjustable Sponsons	TBM101-UL



RIVA RACING ULTRA 250/260/300 PRO-SERIES SPONSON KIT

Description	Part No.
RIVA Ultra 250/260/300 Pro-Series Sponson Kit	RK26090



R&D ULTRA 250/260/300 SPONSON KIT

Description	Part No.
R&D Ultra 250/260/300 Sponson Kit	121-25001



SE SPEED MAGIC ULTRA 250/260/300 SPONSON WITH FIN

Description		Part No.
SE Speed Magic Ultra 250/260/300 Sponson Kit	NEW	SE-101035

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Speed-O Shim

R&D ULTRA 250/260/300 AQUAVEIN SCOOP GRATE

The new R&D Kawasaki Ultra Aquavein Intake Grate Kit has been designed and developed with all new performance concepts in mind to deliver the ultimate handling and speed performance in recreational, offshore, and closed course race conditions. The new R&D Ultra Aquavein has been extensively offshore, race track, and 1 and 2 up recreational tested to guarantee reduced cavitation and maximum pump hook up in any condition. The R&D Ultra Aquavein will deliver quicker acceleration, higher top speed performance and a much smoother and more predictable ride over the O.E.M. intake grate in rough water conditions. Low speed and high-speed turns are a breeze with new found control.

Description	Part No.
R&D Ultra 250/260 Aquavein Scoop Grate	111-25000
R&D Ultra 300X Aquavein Intake Grate*	111-30000

** Speed-O Shim is included for the use of OEM (stock) Ride plate with 111-30000, which allow the ECU to adjust the throttle plate to a true full throttle position, allowing the Ultra 300x to gain 3-4 mph top speed.*



R&D ULTRA 250/260/300 PUMP SHOE SEAL KIT

The R&D Pump Shoe Seal kit for the Ultra 250 is now available. The three piece Seal Kit stuffs up the unwanted cavities in the pump shoe and the OEM intake grate that aid in producing cavitation. This kit allows you to seal up the area between the intake grate and pump shoe, which will reduce cavitation and increase pump efficiency and performance.

Description	Part No.
R&D Ultra 250/260 Pump Shoe Seal Kit	161-25000
R&D Ultra 300X Seal Kit for OEM Intake Grate	161-30000
R&D Ultra 300X Seal Kit for R&D Aquavein Grate	161-30001



RIVA RACING ULTRA 250/260 TOP-LOADER INTAKE GRATE

RIVA's top-loader intake grate features a unique tapered wing design that eliminates prop spin and cavitation while delivering enhanced acceleration and top-speed. Deep side rails improve stability and handling. Durable black race coating protects from corrosion.

- Reduces cavitation
- Improves Hook-up
- No loss in top speed
- IJSBA legal

Description	Part No.
RIVA Ultra 250/260 Top-Loader Intake Grate	RK22090



RIVA ULTRA 300X TUNABLE TOP-LOADER INTAKE GRATE

The RIVA fully tunable Top-Loader Intake Grate for the Ultra 300X features an adjustable foil & removable rear inlet chip. Developed through a joint effort with TBM Racing, this grate provides riders with the ability to tune for specific riding style or water conditions. The center foil has three positions or can be removed entirely. In flat water conditions it can be raised to the highest position increasing speed .5mph. Or be removed completely producing the same speed as the stock grate. The deeper center bars and removable rear inlet chip dramatically improve handling and hook up. The rear inlet chip can be removed or used with or without the center foil. Whether you're a closed course racer, offshore racer, or just a weekend warrior, the RIVA Tunable Top-Loader Intake Grate will enhance the hook up and handling of your Ultra 300X.

Key Features:

- Adjustable design allows rider to tune grate.
- Dramatic increase in hook up & handling.
- Improved top speed in rough water conditions.
- No top speed loss on smooth water.
- Race bred design provides excellent handling.
- Significantly reduces cavitation.

Description	Part No.
RIVA Ultra 300X Tunable Top-Loader Intake Grate	RK22100

KAWASAKI ULTRA 300X R&D STAGE 1 PARTS LIST

Stock Ultra 300 Avg. Speed 66-67 MPH @7,450 RPM
R&D Stage 1 Kit Avg. Speed 73.5-74.5 MPH @ 7,950-8000 RPM
**** PARTS ARE SOLD INDIVIDUALLY, NOT IN KIT FORM.***

Description	Part No.
R&D Ultra 300 Ride Plate Kit	121-30000
R&D Ultra 300 Aquavein Grate Kit	111-30000
R&D Ultra 300 Pump Shoe Seal Kit	161-30001
R&D Ultra 300 Anti-Cavitation Cone	161-25010
R&D Ultra 300 Sponson Kit	121-25001
R&D Ultra 300 Speed-Up Module	801-15300
R&D Ultra 300 Cool Air Filter Kit	215-25000
R&D Ultra 300 Waste Gate Block Off	611-26001
R&D Ultra 300 Performance Exhaust Plate	331-35300
R&D Ultra 300 Powershot Fuel Controller	801-25000
R&D Ultra 300 Deep Fuel Pickup	801-25100

KAWASAKI ULTRA 300X R&D PERFORMER PARTS LIST

Stock Ultra 300 Avg. Speed 66-67 MPH @7,450 RPM
R&D Perfomer Kit Avg. Speed 72 MPH @ 7,800 RPM
**** PARTS ARE SOLD INDIVIDUALLY, NOT IN KIT FORM.***

Description	Part No.
R&D Ultra 300 Ride Plate Kit	121-30000
R&D Ultra 300 Aquavein Grate Kit	111-30000
R&D Ultra 300 Pump Shoe Seal Kit	161-30001
R&D Ultra 300 Anti-Cavitation Cone	161-25010
R&D Ultra 300 Speed-Up Module	801-15300
R&D Ultra 300 Cool Air Filter Kit	215-25000
R&D Ultra 300 Performance Exhaust Plate	331-35300
R&D Ultra 300 Deep Fuel Pickup	801-25100

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RIVA RACING ULTRA 250/260 PERFORMANCE RIDE PLATE

The RIVA Racing Ultra 250/260 Performance Ride Plate design allows craft to plane faster increasing acceleration & top-speed as well as improving handling in all types of water conditions.

Description	Part No.
RIVA Racing Ultra 250/260 Performance Ride Plate	RK21090



TBM RACING KAWASAKI DRIVELINE BEARING HOUSING SUPPORT

TBM Racing's Kawasaki driveline bearing housing support, is an absolute must have for any high horsepower Kawasaki Jet Ski. The TBM driveline bearing housing support is 50% lighter. TBM uses these supports on every high performance competition and recreational Kawasaki stand-up and runabout they build to ensure the bearing housing doesn't self destruct from the increased stress and rpm of a modified craft. Fit's JS650, 550SX, 750 and 800 stand-ups and every year and model Kawasaki runabout.

Description	Part No.
TBM Racing Kawasaki Driveline Bearing Housing Support	TBM141

NEW



TBM RACING KAWASAKI ULTRA REVERSE BLOCK OFF KIT

TBM Racing's Reverse Block Off Kit consists of a block off plate for the hole in the front of the hull and a billet plug for the bulkhead fitting in the pump cavity which will prevent leaks and eliminate the possibility of sinking your expensive PWC when removing the reverse cable.

Description		Part No.
TBM Racing Reverse Block Off Kit	NEW	TBM159



RIVA ULTRA 300X PERFORMANCE RIDE PLATE

RIVA's new Ultra 300 ride plate was designed to limit bow rise allowing your craft to drive through chop and corner like it's on rails. The plate is entirely redesigned from the Ultra 250/260 plate with a strong emphasis on rough water hook up and handling. Includes billet block-off for use when the speedometer sender is removed.

Key Features:

- Improves Hook up & Handling
- Provides Quicker Planing
- Integrated Reverse Gate Brackets
- Powder Coated to Prevent Corrosion
- Reduces Porpoising
- IJSBA Race Legal
- Includes speedo sender block-off

Description	Part No.
RIVA Ultra 300X Performance Ride Plate	RK21100



R&D ULTRA 250/260/300 HIGH PERFORMANCE RIDE PLATE

The R&D Kawasaki Ultra Ride Plate has been fashioned after R&D's dominant and championship winning GP-1200R and Kawasaki 15-F ride plate designs with a few new tricks added. The Ultra ride plate is re-angled over stock along with the addition of the new R&D stepper concept to add top speed improvements.

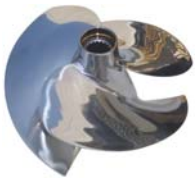
- 2 plus MPH top speed improvement
- Unique industry first multi-step concept
- Improved straight line stability
- Significantly improved cornering
- Reduced chine walking on high speed sweepers
- Drives through chop with superior stability
- Retains reverse gate mounting and operation.

Description	Part No.
R&D Ultra 250/260 Cast Aluminum Ride Plate	121-25000
R&D Ultra 300 High Performance Ride Plate	121-30000

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ULTRA 250/260/300 • IMPELLERS

SOLAS® Where speed begins



KX CONCORD

PITCH	PART NUMBER
10/16	KX-CD-10/16
15/23	KX-CD-15/23
16/24	KX-CD-16/24

KR CONCORD

PITCH	PART NUMBER
14/21	KR-CD-14/21
15/22	KR-CD-15/22

RECOMMENDED SOLAS IMPELLER

Model	Year	Engine cc	Pump Dia.	Series	Stock Engine	Limited Engine	Modified Engine
Ultra 300X/300LX	11-12	1498	160mm	CONCORD	KR-CD-14/21	KR-CD-14/21 or KR-CD-15/22	KR-CD-15/22
Ultra 260X/260LX	09-10	1498	160mm	CONCORD	KX-CD-15/23	KX-CD-15/23 or KX-CD-16/24	KX-CD-16/24
Ultra 250X	07-08	1498	155mm	CONCORD	KX-CD-15/23 or KX-CD-16/21	KX-CD-15/23 or KX-CD-16/24	KX-CD-16/24
Ultra LX	07-08	1498	155mm	CONCORD	KX-CD-10/16	KX-CD-10/16	----------
STX 15-F	04-12	1498	148mm	CONCORD	KG-CD-14/21	KG-CD-14/21	KG-CD-15/21
STX 12-F	04-08	1199	148mm	CONCORD	KG-CD-13/19	KG-CD-13/19	KG-CD-14/20

Skat-Trak USA PERFORMANCE PRODUCTS



ULTRA 250/260 LX/X 155-75-20 SWIRL

PITCH	PART NUMBER
13/18	SK557520SW1318
13/19	SK557520SW1319
14/19	SK557520SW1419
14/20	SK557520SW1420

ULTRA 300 LX/X 160-83-20 SWIRL

PITCH	PART NUMBER
16/21	SK608320SW1621
16/22	SK608320SW1622
16/23	SK608320SW1623

RECOMMENDED SKAT-TRAK IMPELLER

Model	Year	Pump Dia.	Stock Engine	Limited Engine	Modified Engine
Ultra 300X	11-12	160mm	SK608320SW1621	SK608320SW1622	SK608320SW1623
Ultra 300LX	11-12	160mm	SK608320SW1621	SK608320SW1622	SK608320SW1623
Ultra 260X	09-10	155mm	SK557520SW1419	Call for application	Call for application
Ultra 260LX	09-10	155mm	SK557520SW1419	Call for application	Call for application
Ultra 250X	07-08	155mm	SK557520SW1318	SK557520SW1318 or SK557520SW1319	SK557520SW1319 or SK557520SW1420
Ultra LX	07-08	155mm	SK557520SW1016	Call for application	Call for application
STX 12-F	04-08	148mm	*SK1100SW1319 or SK1100SW1319R**	SK1100SW1420	Call for application
STX 15-F	04-12	148mm	*SK1100SW1319 or SK1100SW1319R**	Call for application	Call for application

Suggested for maximum bottom-to-mid range acceleration gains. **Suggested for maximum top speed gains.

Skat-Trak USA PERFORMANCE PRODUCTS



SKAT-TRAK TWIN IMPELLERS ULTRA 250/260/300

ULTRA 250X/260X

	Engine Mods	Pitch	Part No.
Main Drive	Stock	12/18	**SK557520SWM1218**
Main Drive	Limited	12/20	**SK557520SWM1220**
Main Drive	Supermod	13/23	**SK557520SWM1323**

	Engine Mods	Pitch	Part No.
Inducer	Stock	12/17	**SK440ID1217**
Inducer	Limited	12/17	**SK440ID1217**
Inducer	Supermod	14/18	**SK440ID1418**

ULTRA 300X

	Engine Mods	Pitch	Part No.
Main Drive	Stock	16/21	**SK608320SWM1621**
Main Drive	Limited	16/22	**SK608320SWM1622**
Main Drive	Supermod	16/23	**SK608320SWM1623**

	Engine Mods	Pitch	Part No.
Inducer	Stock	13/18	**SK440ID1318**
Inducer	Limited	14/19	**SK440ID1419**
Inducer	Supermod	15/20	**SK440ID1520**

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R&D ULTRA 250/260/300 1 DEGREE NOZZLE WEDGE KIT

The R&D 1 Degree Reduction Nozzle Wedge Kit for the Ultra 250/260/300 will add quicker acceleration and top speed performance as well as allow the bow to ride slightly higher which will significantly reduce annoying bow spray promoting a much dryer ride. Extensive testing has led our development team to wedge the reduction nozzle up 1 full degree which will inexpensively give better handling everywhere and provide a boost of up to 1 mph in top speed performance. The billet aluminum CNC machined 1 degree reduction nozzle wedge kit was specifically designed to work without compromising or removing the O.E.M. reverse gate. The R&D Pump Wedge Kit comes complete with all the necessary hardware and instructions for easy installation.

Description	Part No.
R&D Ultra 250/260 One Degree Nozzle Wedge Kit	141-25001
R&D Ultra 300 One Degree Nozzle Wedge Kit	141-30000



R&D ULTRA 250/260/300 DRIVESHAFT SHIM KIT

The R&D driveshaft shims install into the prop snout and removes the unwanted play or float the driveshaft has in the prop/pump assembly. Properly shimming the driveshaft will keep the driveshaft couplers fully engaged eliminating premature rubber dampener wear and failure.

Description	Part No.
R&D Ultra 250/260/300 Driveshaft Shim Kit	161-00810



TBM RACING ULTRA VANE EXTENDING TAIL CONE

With the four vane extenders integrated into the tail cone the turbulent water in the pump is controlled and straightened for a longer distance. They also centered the tip of the tail cone in the bore of the nozzle to even the pressures inside the compression nozzle. All this translates to improved hook up, acceleration and a noticeable gain in top speed. Installation could not be easier and we also powder coat the tail cone for corrosion prevention.

Description	Part No.
TBM Racing Ultra 250/260/300X or LX Ultra Vane Extending Tail Cone	TBM120-UL



Craig Warner Team • Monster Energy Team Kawasaki 300X at 2013 Hot Products IJSBA Mark Hahn Memorial Havasu 300



R&D ULTRA 250/260/300 ANTI-CAVITATION PUMP CONE KIT

The R&D Anti-Cavitation Pump Cone Kit was developed to reduce overall internal pump cavitation within the Ultra offset reduction/compression nozzle design. The O.E.M. Reduction/Compression nozzle is offset 5 degrees, while the pump cone/bearing cap remains straight which causes uneven pressures within the pump and reduction nozzle. The R&D Anti-Cavitation Pump Cone is offset 5 degrees and reshaped to match the O.E.M. reduction nozzle offset promoting even pressures, which will substantially reduce cavitation, increase pump hook up, boost acceleration, and increase top speed performance.

Description	Part No.
R&D Ultra 250/260/300 Anti-Cavitation Pump Cone Kit	161-25010



WET WOLF ADJUST-A-THRUST

Kawasaki STXR, STX12F, Ultra 250/260 and Ultra 300 pumps. Comes with shorter impeller shaft and bearing already installed into the body. Bearing changes in the tail cone are made easier due to the fact that the bearing is located at the bottom of the unit, instead of in a deep pocket like the stock tail cone. Since Wet Wolf was redesigning the units to upgrade to the new model of AAT, they took the liberty of putting in a larger bearing, and redid the shaft to accommodate it. Expect much more longevity from your tail cone bearing!

Description	Part No.
1100 ZXI/STXR/STX12F/STX15F (2004-06)	KAW1
Ultra 250 (2007-08), Ultra 260 (2009-10), Ultra 300 (2011-13), STX15F (2007-12)	KAW4

***This Kit does not contain Bearings and Impeller Shaft**

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ULTRA 250/260/300 • SEAT COVERS • BODY



AZ-SEW62

HYDRO-TURF HT PREMIER SEAT COVER ULTRA 250/260/300X

Description	Part No.
HT Moto Ultra 250/260/300X, Ultra LX	AZ-SEW62



SEW62

HYDRO-TURF SEAT COVER ULTRA 250/260/300X

Description	Part No.
Hydro-Turf Ultra 250/260/300X	SEW62







GENUINE JETTRIM Ride Hard







HOT PRODUCTS RECOMMENDED KAWASAKI ULTRA 250/260/300 JETTRIM SEAT COVERS



KU250X101-A
Top: *Medium Slip Black*
Front Side: *Smooth Grain White*
Tail Front & Spike Rear: *Smooth Grain Worx Green*



KU250X104-A
Top & Rear Top: *Medium Slip Black*
Front Collar: *Smooth Grain Worx Green*
Center Band and Rear: *Smooth Worx Green*
Side: *Carbon Black Large Grain*
Stitch: *Green Thread on Top*



KU250X104-B
Front & Rear Top: *Non Slip Black Suede*
Front Collar: *Smooth Grain Red*
Center Band & Rear: *Smooth Grain Red*
Side: *Carbon Black Large*
Stitch: *Red Thread on Top*



KU300LX101-A
Front, Side 2 & Tail: *Carbon Silver*
Side 1 & Rear Side: *Carbon Black*
Top: *Carbon Black*
Stitch: *Silver Thread on Top*

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MACC RACING ULTRA 250/260/300 RACING CARBON FIBER REAR SEAT

Macc Racing has developed a Carbon Racing seat for the Ultra. The rear seat is about 15lbs lighter than stock and features a cool air induction intake while keeping water out of the engine compartment.

Description	Part No.
Macc Racing Ultra 250/260/300 Carbon Racing Rear Seat	MR-ULTRASEAT

**Note: The Macc Racing Carbon Racing Rear seat is intended for a performance advantage and is not intended to be used as a seat for a passenger.*



RIVA RACING ULTRA 250/260/300 BLOCK-OFF KIT

Lightweight carbon coated epoxy plates cover openings left in hood when mirrors are removed for competition. Easy installation requires no special tools. Reverse Lever Block-off plate sold separately. Fits all Ultra 250/260/300 models.

Description	Part No.
Ultra 250/260/300 Mirror Blockoff Kit	RK5-U250X-MB
Ultra 250/260/300 Reverse Lever Blockoff Kit	RK5-U250X-RLB



VERSIPLUG "THE ORIGINAL" DRAIN SYSTEM

Versiplug is a self-bailing drain plug system produced using aircraft grade aluminum, water resistant plastic and stainless steel. Installation is simple, quick and easy. The kit will completely drain your PWC without you having to do anything.

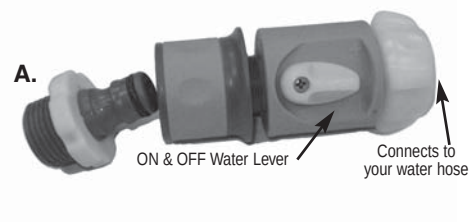
Description	Color	Part No.
Versiplug Drain System	Silver	PD1300
Versiplug Drain System	Black	PD1301



BILLET QUICK DRAIN

Mounts to the transom of your Kawasaki Personal Watercraft with billet aluminum mounting plate.

Description	Part No.
Billet Drain System	57-4065



SNAP CONNECT & FLOW CONTROL

This flush kit includes adapter and also includes a quick disconnect that features a on/off water valve to make flushing the watercraft a simple and easy process.

Description	Part No.
Snap Connect and Flow Control	SC-2900
A. Adaptor Only	SC-2905

ATLANTIS FLUSH KITS





Description	Part No.
2011-13 Ultra 300X, LX. One Plug for Drain Flush another for Intercooler.	A7005



Description	Part No.
2003-10 4-Stroke	A2628

The Ultra 250X/260X, LX & the STX-15F flush fitting is located inside of the hood. A2628 Flush Kit provides a locking quick disconnect valve which can be installed and left on for continued use with the female locking quick disconnect fitting.

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NEW FOR 2013:

All RRP poles are supplied with 26" tubes.*

**The tubes may need to be cut for some applications.*

- *Extra Strong design using 6061 T6 aluminum tube.*
- *Quickly adjustable from +1 inches to -1 inches without cutting tube.*
- *Handlepoles are supplied with both Yamaha & Kawasaki pole bushings.*
- *Optional pole bracket enables installation of 2-1/5" air intakes (engine breathes through the pole tubes and chin pad).*
- *Requires RRP or SuperJet Style Chin Pad*



RRP BILLET ADJUSTABLE HANDLEPOLE FOR RICKTER, KAWASAKI, YAMAHA AND OCTANE

Description	Part No.
Billet Pole-Black with Silver Tube	HP-YAM/KAW-BLT-BLACK
Billet Pole-Red with Black Tube	HP-YAM/KAW-BLT-RED
Billet Pole-Silver with Silver Tube	HP-YAM/KAW-BLT-SILVER

NEW



RRP SUPER LITE ADJUSTABLE HANDLEPOLE FOR RICKTER, KAWASAKI, YAMAHA AND OCTANE

*RRP Super Lite Handlepoles are recommended for freestyle riding.

Description	Part No.
Super Lite Pole Black with Silver Tube	HP-BILLET-LITE-BLK
Super Lite Pole Red with Black Tube	HP-BILLET-LITE-RD
Super Lite Pole Silver with Silver Tube	HP-BILLET-LITE-SLV

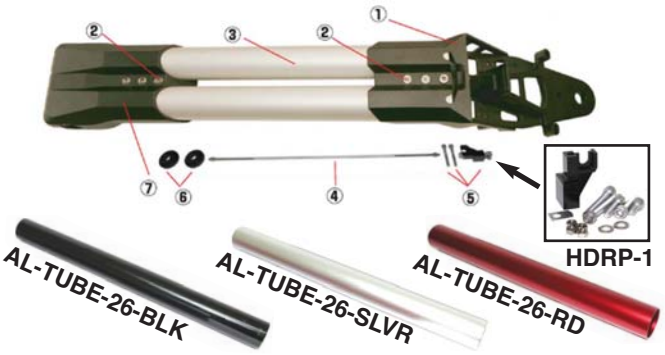
RRP CAST POLE



A. The front chin pad tongue mount is now removable or replaceable on cast poles.

RRP CAST ADJUSTABLE HANDLEPOLE FOR RICKTER, KAWASAKI, YAMAHA AND OCTANE

Description	Part No.
Rickter, Kawasaki, Yamaha, Octane Cast Pole (Black with Silver Tubes)	HP-YAM/KAW-CAST
Hydrospace Cast Pole (Black with Silver Tubes)	HP-HY-SP



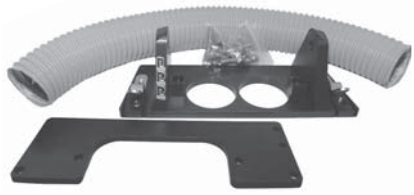
REPLACEMENT PARTS FOR RRP ADJUSTABLE HANDLEPOLE

Description	Part No.
1. RRP Cast Pole Replacement Upper Part for Part # HP-YAM/KAW-CAST (Black)	UPPER PART
2. RRP Cast Handlepole Bolt Kit (Set of 3 bolts with nuts)	RRP-HP-CST-BLT
3. RRP Replacement Tube 23.5" Silver	AL-TUBE-23.5
3. RRP Replacement Tube 26" Black	AL-TUBE-26-BLK
3. RRP Replacement Tube 26" Red	AL-TUBE-26-RD
3. RRP Replacement Tube 26" Silver	AL-TUBE-26-SLVR
4. RRP Threaded Safety Rod for 26" Tube	TR-26
5. RRP Steering Cable Hardware	HRDP-1
6. RRP Yamaha Cast Pole Bushings (sold in pairs)	BU-YAM
6. RRP Kawasaki Cast Pole Bushings (sold in pairs)	BU-KAW
6. RRP Yamaha pre 1995 & FX-1 SuperJet Cast Pole Bushings (sold in pairs)	BU-YAM-92-95
6. RRP Hydrospace Bushings (sold in pairs)	BU-HYDRO
6. RRP Yamaha Billet Pole Bushings (sold in pairs)	BU-BILLET-YAM
6. RRP Kawasaki Billet Pole Bushings (sold in pairs)	BU-BILLET-KAW
7. RRP Cast Pole Replacement Bottom Part for Part # HP-YAM/KAW-CAST (Black)	BOTTOM PART

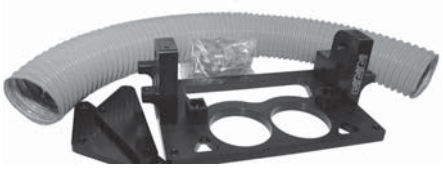
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RRP BILLET HANDLEPOLE BRACKET

Two hole brackets include RRP High Flow Breather in tube.



Description	Part No.
Yamaha SJ96+ (Black)	**BR-YAM-L-2H**



Description	Part No.
Kawasaki 800SXR (Black)	**BR-KAW-2H**



Description	Part No.
Rickter Hull (Black)	**BR-RICKTER**



RRP BILLET HOOD CLIPS AND HOOD PRONGS

RRP hood clips and prongs are sold in pairs.

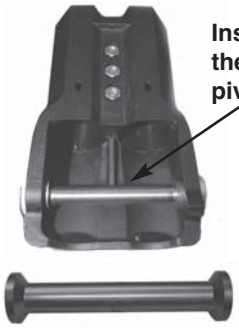
Description	Part No.
A. Yamaha Billet Hood Clip - Black	**BL-HC-YAM-BLK**
B. Yamaha Billet Hood Clip - Silver	**BL-HC-YAM-SLVR**
C. Yamaha & Rickter Hood Prong - Red	**BL-HC-RICKTER-RD**



RRP LIGHTWEIGHT ALUMINUM PIVOT BOLT

RRP developed this lightweight aluminum bolt to fit the RRP handlepole brackets. Also fits OEM Superjet and the "Bob" handlepole brackets. Hard anodized "light silver/gold color" to prevent corrosion.

Description	Part No.
RRP Lightweight Aluminum Pivot Bolt	**AL-PIV-BLT-YAM**



RRP HANDLEPOLE SPACER

For the rider that rides with a very tight pivot bolt. This spacer is designed to prevent failure of the RRP pole bottom piece.

If you use a RRP Spacer you can't use a handlepole spring.

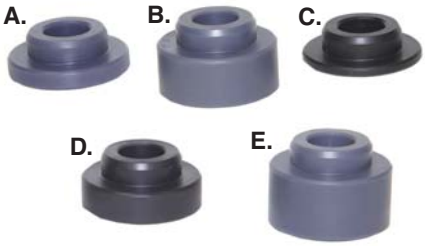
Description	Part No.
RRP Cast Handlepole Spacer (Silver)	**AL-BP-SPC**
RRP Billet Handlepole Spacer (Red)	**AL-BP-SPC-B**



RRP HIGH FLOW BREATHER AIR TUBE

Description	Part No.
High Flow Breather Air Tube 2.5" OD x 24" length*	**FL-HO-24**

**Flex hose only. Sold individually.*



RRP HANDLEPOLE BUSHINGS

Sold in pairs.

Description	Part No.
A. RRP Yamaha SJ 96+ Cast Handlepole Bushing	**BU-YAM**
B. RRP Kawasaki Cast Handlepole Bushing	**BU-KAW**
C. RRP Hydrospace Cast Handlepole Bushing	**BU-HYDRO**
RRP Yamaha SJ (95), FX-1 Cast Handlepole Bushing	**BU-YAM-92-95**
D. RRP Kawasaki Billet Handlepole Bushing	**BU-BILLET-KAW**
E. RRP Yamaha SJ96+ Billet Handlepole Bushing	**BU-BILLET-YAM**



RRP POLE SPRING STIFFENER

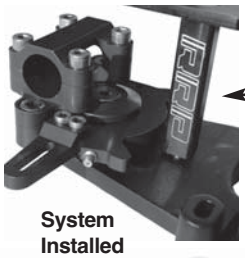
When you install a RRP 2 hole air inlet bracket BR-YAM-L-2H or a BR-KAW-2H and want to run the OEM handlepole spring you must use this part to create the proper tension and handlepole weight. This part only fits the RRP Handlepole Brackets.

Description	Part No.
RRP Yamaha Pole Spring Stiffener	**SP-BL-YAM**
RRP Kawasaki Pole Spring Stiffener	**SP-BL-KAW**



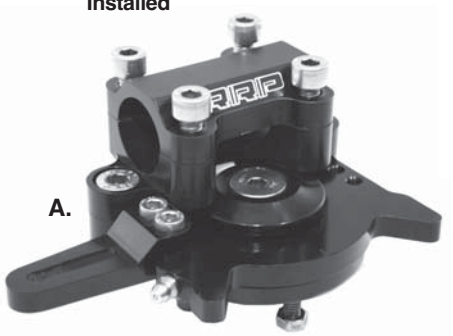
Installed RRP pole stiffener

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RRP Chin Pad Support & Steering Stop sold separately.

System Installed



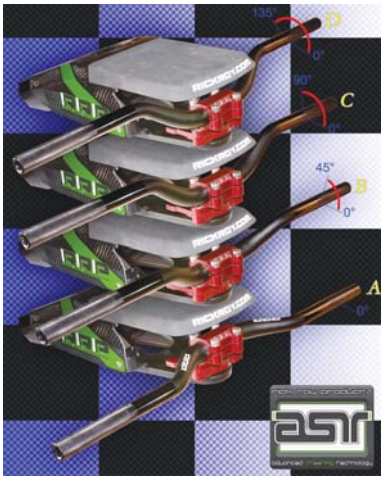
A.



B.



C.



RRP 50 & 75 Fat Bars allow the rider to create a higher hand position than RRP straight Fat Bars, as shown above.

RRP AST STEERING SYSTEM FOR 28.6MM FAT BARS

This RRP AST (Advanced Steering Technology) steering system has been designed for all types of riding from Freestyle to racing and from freeride to the recreational rider. Each rider will find benefits in this concept.

The concept behind this steering system has many features:

- To bring the rider closer to the pivot point
- Less movement to turn the bars (quicker steering ratio)
- Lowers the center of gravity
- Multiple bar position allowing the rider to perfect their riding style
- Fits all stand up watercraft due to the movable steering cable arm
- Slotted steering arm allows for extremely precise steering ratio adjustments
- Utilizes the fat bar 28.6 mm technology for better clamping surface
- The system uses bearings and is o-ring sealed
- Grease Zerk fitting to grease the bearing system for easy maintenance
- 100% Compatible with all RRP carbon chin pads

Description	Part No.
A. RRP AST Steering System - Black	**STR-SYST-UNIV-F-BLK**
B. RRP AST Steering System - Red	**STR-SYST-UNIV-F-RD**
RRP AST Steering System - Silver	**STR-SYST-UNIV-SLV**
C. AST Protective Pad Red	**AST-PAD-RED**
AST Protective Pad Green	**AST-PAD-GREEN**
RRP Bearing and O-ring Repair Kit	**SS-B**
RRP O-Ring Repair Kit	**SS-O**



RRP SHORT BASE CLAMP

This clamp was developed to move the handlebar mounting location 1" forward on STR-SYST-UNIV-F.

***Compatible with all RRP bars when using Ninja Carbon Chin Pad.**
Not compatible with RRP straight bars when using RRP Carbon Chin Pad.

Description	Part No.
RRP Shortened Base Clamp - Black	**SHT-BASE-CLIP-BLK**
RRP Shortened Base Clamp - Red	**SHT-BASE-CLIP-RED**



NEW

G.

H.

RRP PERFORMANCE "FAT" HANDLEBARS

RRP has developed these "Fat" bars (28.6mm clamping surface) to be extremely strong for freestyle, freeriding and racing.

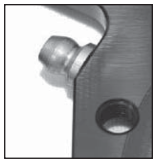
Description		Part No.
D. RRP Straight Fat (28.6mm) Bars		**ST-B-F**
E. RRP 50mm Fat (28.6mm) Bars		**50-B-F**
F. RRP 75mm Fat (28.6mm) Bars		**75-B-F**
G. RRP **4 Degree Racing** Fat (28.6mm) Bars	NEW	**4DEG-B-F**
H. RRP RC-1 Fat (28.6mm) Bars		**RC-1-B-F**



RRP HANDLEBAR GRIPS

Description	Part No.
RRP Rickter Handlebar Grips-Blk	**RRP-GRIP-RICKTER-BLK**
RRP Rickter Handlebar Grips-White	**RRP-GRIP-RICKTER-WH**

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RRP Turn plates integrate a grease fitting to maintain the optimum lubrication.





RRP PRECISION TURN PLATE

The RRP Turn Plate is one inch shorter than the OEM turn plate moving the rider up in the tray. Fits Kawasaki, Yamaha, Octane and Hydrospace. The steering arm can be mounted either side, allowing this turn plate to fit any ski. The steering arm is slotted to allow for extremely precise steering ratio adjustments. RRP has also integrated a grease fitting on the turn plate that allows the rider to fully grease your steering system in only few seconds. The turn plate will accept V bars and straight bars and fits most after market steering systems. RRP turnplate plates are black.

Description	Part No.
RRP -1" Precision Turn Plate	TRN-PLT-UNIV
RRP Straight Bars (22.2mm Clamping Surface)	ST-B



RRP UNIVERSAL STEERING SYSTEM

Designed to match and compliment the RRP Turn Plate, this steering system improves the steering feel, eliminates steering slop and is much stronger than the OEM steering systems on standup watercraft. This kit will fit most aftermarket turn plates. Handlebar clamps are standard 22.2mm and are black.

Description	Part No.
RRP Universal Steering System	STR-SYST-UNIV
RRP Bearing and O-ring Repair Kit	SS-B
RRP O-Ring Repair Kit	SS-O

RRP Bar Extenders

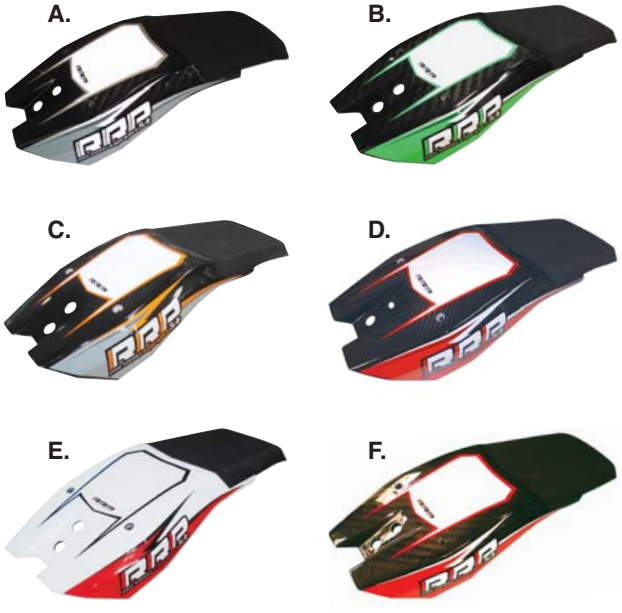


RRP HANDLEBAR EXTENDERS

Extend the width our your handlebars up to 4 inches (2" per side) with these simple and easy to install handlebar extenders.

Description	Part No.
RRP Handlebar Extenders	BAR-END-EX

NEW



NINJA CARBON CHIN PAD

New lightweight design by Hiro "Ninja" Ogino. The new RRP Ninja design utilizes a new 3 bolt mounting system to avoid any steering system issues. This chin pad requires a RRP Steering Stop based on the rear mounting location. Steering Stop part # ST-STOP-UNIV-BLK or ST-STOP-UNIV-RED. See below.

RRP Ninja Chin Pads are compatible with all RRP Adjustable Poles.*
Cast poles purchased before Spring of 2013 will require drilling and tapping for the front 2 mounting bolts.

Description	Part No.
A. Ninja Chin Pad Carbon Grey	NINJA-PAD-BLK/GREY
B. Ninja Chin Pad Carbon Green	NINJA-PAD-BLK/GRN
C. Ninja Chin Pad Carbon Orange	NINJA-PAD-BLK/ONG
D. Ninja Chin Pad Carbon Red	NINJA-PAD-BLK/RED
E. Ninja Chin Pad Carbon Wht/Red	NINJA-PAD-WHT/RD
F. Ninja Chin Pad Carbon Red **FULL CARBON for XFS Ninja**	NINJA-PAD-XFS-CB

NEW

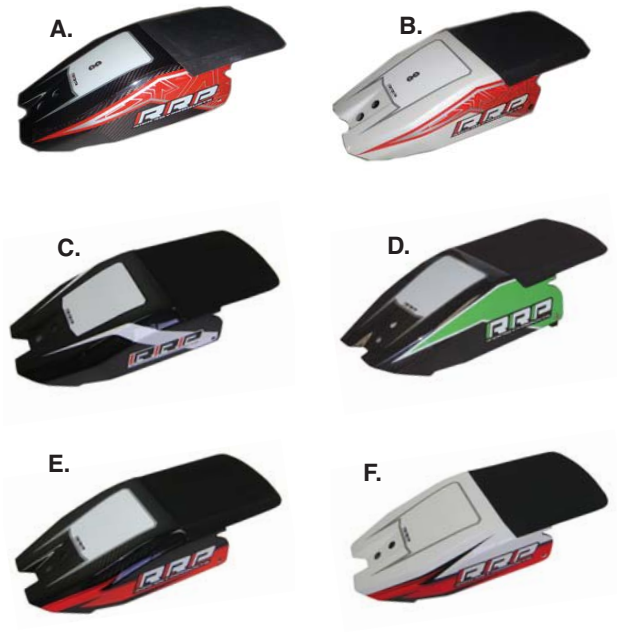


RRP CHIN PAD SUPPORT & STEERING STOP

This steering stopper will also prevent the pole pad from crushing or getting ripped out from the handlepole. New universal design fits both RRP and SuperJet style chin pads.

Description		Part No.
RRP Chin Pad Support & Steering Stop - Black	NEW	ST-STOP-UNIV-BLK
RRP Chin Pad Support & Steering Stop - Red	NEW	ST-STOP-UNIV-RD

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RRP CARBON CHIN PAD

The most innovative and extremely strong chin pad design for all RRP Handlepoles. The only chin pad that really matches the lines of the RRP Handlepole.

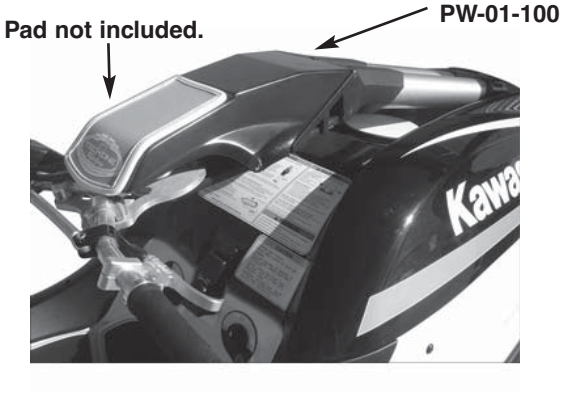
Description	Part No.
A. RRP Rickter Carbon Chin Pad Carbon Fiber with Red Rickter Stripe	**RRP-PAD-RICKTER-RED**
B. RRP Rickter Carbon Chin Pad White with Red Rickter Stripe	**RRP-PAD-RICKTER-WHITE**
C. RRP Carbon Chin Pad Carbon Fiber with White Stripe	**RRP-PAD-CB-L-WHITE**
D. RRP Carbon Chin Pad Carbon Fiber with Green Stripe	**RRP-PAD-CB-L-GREEN**
E. RRP XFS/XFR Carbon Chin Pad Carbon Fiber with Red XFS/XFR Stripe	**RRP-PAD-XFS-RED**
F. RRP XFS/XFR Carbon Chin Pad White with Red XFS/XFR Stripe	**RRP-PAD-XFS-WHITE**



RRP FLYWHEEL COVER FOR YAMAHA

Machined from billet to OEM dimensions to fit Yamaha based engines that do not utilize the OEM oil injection pump. No need for a gasket. They are equipped with a re-usable silicon o-ring for sealing and a new starter bushing. These fit 61x and 62t cases, clears all OEM flywheel bolts when correctly installed (No Washer). If you are running any other bolts OR washers it is recommended that you check the clearance between the bolt head and the cover! Anodized red with engraved RRP "K"

Description	Part No.
RRP Flywheel Cover for Yamaha	**RICKTER-FW-CVR**



PRO WATERCRAFT CHIN PAD

Description	Part No.
Slasher Pad for the RRP Handlepole	**PW-01-100**



BLOWSION KUSTOM DESIGN

CARBON CHIN PAD

Lightweight construction with unbreakable carbon construction. Fits 96+ Superjet, RRP and UMI 800SXR handlepole conversion systems. Chin Pad cover black top/black side only.

Description	Part No.
Blowsion Carbon Chin Pad Black/Black	**04-01-202**



2012 Freestyle World Champion Rok Florjancic & Rick "The Boss" Roy

Check Out Video

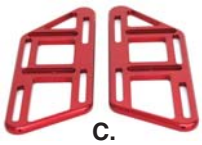
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RRP ADJUSTABLE BINDING SYSTEM

The RRP AB (Adjustable Binding) System is the industry leading and revolutionary binding system and was developed from the RRP/Rickter binding system on the Rickter Hulls.

This system allows you install the RRP Adjustable Binding System on any SuperJet with a limited amount of modifications.

The systems features the ability to move the bindings both vertically and horizontally to achieve that perfect position for the rider.

This system is a must for any freestyle or freerider.

Description	Part No.
A-1. RRP Adjustable Binding System to Install on SuperJet	**RRP-AB-SYST**
A-2. RRP AB Binding Only (sold in pairs)	**AB-BINDING**
B-1. RRP Ninja Complete Adjustable Binding System to Install on SuperJet	**RRP-AB-SYST-NINJA**
B-2. RRP AB Ninja Binding Fiber (sold in pairs) No Hardware Included	**AB-NINJA-F**
B-2. RRP AB Ninja Binding Carbon (sold in pairs) No Hardware Included	**AB-NINJA-CB**
C. RRP AB Foot Plate Kit (Aluminum) (sold in pairs)	**AB-F-PLT**
D. RRP AB Exterior Plastic Washer (sold individually)	**AB-PL-WSH**



RRP FOOT HOLD INSERT

The original foothold design developed by Rick Roy.

Description	Part No.
RRP Foot Hold Insert	**RICKTER-FT-HLD**

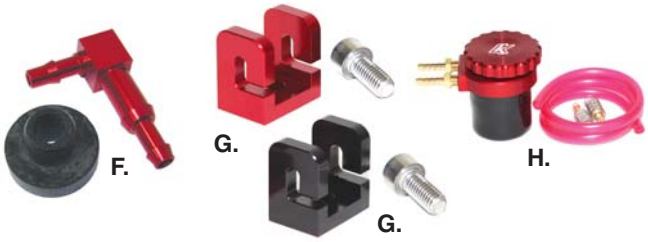




RRP RICKTER SCUPPER VALVE

Description	Part No.
RRP Rickter Scupper Valve	**RRP-SCU-V**





RRP REAR FUEL TANK, HOOK & FUEL FILLER

Description	Part No.
E. RRP Rear Fuel Tank Only All Rickter and SuperJet Models	**RRP-RFL-TK**
F. RRP Replacement Fuel Line Fitting with Grommet (Fitting Anodized Red)	**FU-LI-FIT**
G. Fuel Tank/Battery/Water Box Hook - Red	**AL-HOOK-A-RED**
G. Fuel Tank/Battery/Water Box Hook - Black	**AL-HOOK-A-BLK**
H. Billet Internal Fuel Filler with Cap - Red	**RRP-YFF-DI**

NEW



RRP BILGE WATER FITTINGS

Description		Part No.
I. Delrin Black 45 Bilge Outlet	NEW	**PL-45-BILGE**
J. Delrin Black 1/2" Bypass Outlet	NEW	**PL-1/2 OUT**
K. Delrin Black 3/8" Bypass Outlet	NEW	**PL-3/8-OUT**
L. Alum 1/4" NPT to 1/2" Barb - Red	NEW	**90-1/4-NPT**
M. Alum 1/8" NPT to 3/8" Barb - Black		**90-1/8-NPT-BLK**
N. Alum 1/8" NPT to 3/8" Barb - Red		**90-1/8-NPT-RED**

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NEW



Check Out Video



RRP NINJA PUMP FLOW GUARD

This innovative Pump Flow Guard from RRP/Ninja helps to increase performance and to gain more height for aerial maneuvers. It allows for full functionality of the steering nozzle and trim system.

• Prevents the water flow from the outside of the pump entering between the restriction and steering nozzles, breaking the flow water inside the pump.

• Prevents back spray when turning the steering nozzle, and loss of internal pump pressure.

• Stops the pumps spraying into the exhaust, which causes engine bog on acceleration during turns and maneuvers.



2012 Freestyle World Champion
Rok Florjancic &
Hiro "Ninja" Ogino

Description	Part No.
Carbon - 155 Yam	FL-GD-NIN1-CB (155-YAM)
Fiber -Black 155 Yam	FL-GD-NIN1-F-BLK (155-YAM)
Carbon - 144 Yam	FL-GD-NIN1-CB (144-YAM)
Fiber -Black 144 Yam	FL-GD-NIN1-F-BLK (144-YAM)
Thrust Carbon - 144 Yam	FL-GD-THRUST-CB (144-YAM)
Thrust Fiber - Black 144 Yam	FL-GD-THRUST-F-BLK (144-YAM)



RRP YAMAHA QUICK STEERING ADAPTER

This quick steering adapter fits the stock superjet nozzle. It will give you the option to play with the quickness of the steering from really aggressive to really smooth. It will also give you a lot more turning ratio for free style. RRP quick steering adapters are black

Description	Part No.
RRP Yamaha Quick Steering Adapter	QU-ST-YAM-BL

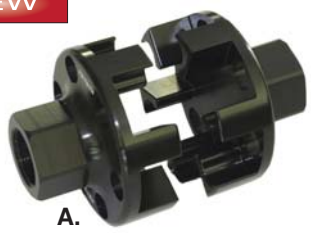


RICKTER PLASTIC PUMP SHOE

144mm Pump Shoe. Fits all Rickter, SuperJet, Wave Blaster and aftermarket hulls. Replaces OEM #6R7-5311-00.

Description	Part No.
Rickter Plastic Pump Shoe	PL-P-SHOE-144

NEW



A.



B.

RRP ALUMINUM ENGINE COUPLER

Description		Part No.
A. RRP Aluminum Engine Coupler Set	NEW	RRP-EG-CPL
B. RRP Coupler Spacer (sold in pairs)		CPL-SPC





D.

C. *Fuel pumps are not included

RRP NINJA ACCESSORIES

Description	Part No.
C. RRP Ninja Gas Plate - Carbon*	NINJA-GAS-PLATE-CB
D. RRP Ninja Hood Air Scoop	NJ-HOOD-SC



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Rickter Wet Suits, Life Jackets and Tour Coats are manufactured by Jet Pilot.
All feature the Rickter "K" and Jet Pilot logos.



RICKTER WET SUIT BLACK

Description	Part No.
Race John Black - Small	RKT-JJ-BLK-S
Race John Black - Medium	RKT-JJ-BLK-M
Race John Black - Large	RKT-JJ-BLK-L
Race John Black - Extra Large	RKT-JJ-BLK-XL



RICKTER WET SUIT WHITE

Description	Part No.
Race John White - Small	RKT-JJ-WH-S
Race John White - Medium	RKT-JJ-WH-M
Race John White- Large	RKT-JJ-WH-L
Race John White - Extra Large	RKT-JJ-WH-XL



RICKTER LIFE JACKET BLACK

Description	Part No.
Life Jacket Black - Small/Medium	RKT-LFJ-BLK-S/M
Life Jacket Black - Large/Extra Large	RKT-LFJ-BLK-L/XL



RICKTER LIFE JACKET WHITE

Description	Part No.
Life Jacket White - Small/Medium	RKT-LFJ-WH-S/M
Life Jacket White - Large/Extra Large	RKT-LFJ-WH-L/XL



RICKTER TOUR COAT

Description	Part No.
Tour Coat-Small	RKT-TCOAT-S
Tour Coat-Medium	RKT-TCOAT-M
Tour Coat-Large	RKT-TCOAT-L
Tour Coat-Extra Large	RKT-TCOAT-XL



JET PILOT GLOVES

Full Finger Glove is black & white.

Full Finger Glove	Part No.
Small	JP-FFG-BLK-S
Medium	JP-FFG-BLK-M
Large	JP-FFG-BLK-L
X-Large	JP-FFG-BLK-XL

Phantom Glove is black & white.

Phantom Glove	Part No.
Small	JP-PHG-BLK/WH-S
Medium	JP-PHG-BLK/WH-M
Large	JP-PHG-BLK/WH-L
X-Large	JP-PHG-BLK/WH-XL

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RICKTER XFS NINJA

The XFS Ninja was designed by Rick Roy and Hiro "Ninja" Ogino. The mission was to create the lightest Rickter hull possible, and then adapt it for a powerful DASA engine and huge pump. The XFS Ninja is the #1 Freestyle Competition hull available.

Description	Part No.
Rickter XFS Ninja Carbon Competition Hull	XFS-NIN-CB
Rickter XFS Hull - Carbon	XFS-CB
Rickter XFS Fiber Hull - Black	XFS-F-BLK
Rickter XFS Fiber Hull - White	XFS-F-WH
Rickter XFS Fiber Hull - Carbon Look	XFS-F-CBL
Freeride Rickter XFR Fiber Hull - Black	XFR-F-BLK
Freeride Rickter XFR Fiber Hull - White	XFR-F-WH
Freeride Rickter XFR Fiber Hull - Carbon Look	XFR-F-CBL



RRP/Rickter Team Rider Rok Florjancic dominated the 2012 Hot Products World Finals on his XFS Ninja

Check Out XFS Video



RICKTER XFS/XFR







XFS NINJA/XFS/XFR SPECIAL FEATURES

XFS Ninja Pump Track



A new super long, wide and deep pump track was developed to feed the pump with maximum water alimentation. This new design allows a 155 pump shoe to be installed for large pump installations. (A Ninja carbon intake grate or an extended SuperJet intake grate is required).

Lid Style Hood



Completely new hood - top cover design. Advantages include:
- Additional strength to the hull.
- Reduces water intake
- Larger engine compartment
- Reduces the chance for the hood to move under a side impact

Extra Low Bottom Tray



The Bottom tray was designed to lower your feet on each side of the pump to make the center of gravity lower. The tray angle was also changed to bring the rider stance more forward.

XFS Short Tray



XFR Long Tray



The long tray allows more tray area needed for surf riding.

XFS/XFR New Intake Design



New intake design (longer, wider, deeper) the pump has been positioned to allow the pump to load before leaving the water during jumps or flips.

45° Rail



The rails are now at 45 degrees for better grip during turns.

Twin Tip Rail Design

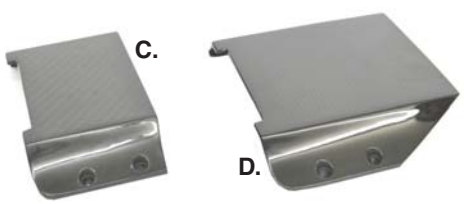


Twin tip rail design, the back rail was lifted up to release the back for back flips and not to catch the water on take off.

RICKTER XFS NINJA/XFS/XFR OPTION EQUIPMENT



XFS Ninja Intake Grate	Part No.
A. Full Carbon	INT-GR-NIN1-CB
B. Full Carbon	INT-GR-NIN2-CB



XFS/XFR Composite Ride Plate	Part No.
C. Short	XFS/XFR-RD-PLT-S
D. Long	XFS/XFR-RD-PLT-M

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RICKTER FS-2 EVO-1/FR-2 EVO-1

The Rickter FS-2 and FR-2 are a very versatile hull which is perfect for surf-riding, carving buoys, freestyle maneuvers, and even backflips for those daring enough to try.

Description	Part No.
Rickter FS-2 EVO-1 Hull - Carbon	FS2-EVO1-CB
Rickter FS-2 EVO-1 Fiber Hull - Black	FS2-EVO1-F-BLK
Rickter FS-2 EVO-1 Fiber Hull - White	FS2-EVO1-F-WH
Rickter FS-2 EVO-1 Fiber Hull - Carbon Look	FS2-EVO1-F-CBL
Freeride Rickter FR-2 EVO-1 Fiber Hull - Black	FR2-EVO1-F-BLK
Freeride Rickter FR-2 EVO-1 Fiber Hull - White	FR2-EVO1-F-WH

STANDARD EQUIPMENT ON ALL RICKTER HULLS

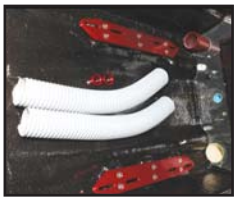

RRP Handlepole Pad


Rickter Turf Kit


RRP Handle Pole Bracket & Hood Hook


RRP Ninja Handlepole Bracket & Hood Hook (XFS Ninja Only)


RRP Hood Seal


RRP Adjustable Engine Mount


RRP Adjustable Binding System


Ninja Adjustable Binding System (XFS Ninja Only)


RRP Scupper Valve


Fully Painted & Rickter Graphics Applied

FS-2 EVO-1/FR-2 EVO-1 SPECIAL FEATURES

Extra Angled Rail


Wider and angled rails similar to that on the XFS. This allows you to carve and hold your line with ease as well as promote stability.

EVO-1 Intake Duct


New pump intake duct which allows the pump to stay loaded and aid in sharp carving ability.

Nose Lifting


The nose has been lifted more to create additional rocker to prevent the nose from pearling when surfriding.

Removable Rear Sponsons


The removable sponsons which allow to you customize your riding and switch between surf and flat water riding.

OPTIONAL EQUIPMENT FOR FS-2/FR-2/FS-EVO1/FR-EVO1


A.


B.

FS, FR and EVO-1 Models Composite Ride Plate	Part No.
A. Short	FS-2-RD-PLT-S
B. Long	FS-2-RD-PLT-M

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RICKTER FS-2/FR-2

The Rickter FS-2 and FR-2 is an ultra polyvalent hull that will suit a freerider to a recreational rider and also give you the ability to do some freestyle riding. This unit is extremely maneuverable and stable from low speed to high speed. The hull is designed to give excellent hook up to the pump and also to be ridden like a surfboard from rail to rail leaning the ski while using the shape of the hull to turn more than using the steering system. It is an overall fun boat for all riders, all levels and will bring you a new riding experience. FS-2 is the lighter version for freestyle. FR-2 uses a heavier stronger lay up of fiberglass for added strength when wave riding.

Description	Part No.
Rickter FS-2 Fiber Hull - Black	FS2-F-BLK
Rickter FS-2 Fiber Hull - White	FS2-F-WH
Rickter FS-2 Fiber Hull - Carbon Look	FS2-F-CBL
Rickter FS-2 Fiber Hull - Carbon	FS2-CB
Rickter FR-2 Fiber Hull - Black	FR2-F-BLK
Rickter FR-2 Fiber Hull - White	FR2-F-WH
Rickter FR-2 Fiber Hull - Carbon Look	FR2-F-CBL

FS-2 (Freestyle) FR-2 (Freeriding)



RICKTER FS-2/FR-2 SPECIAL FEATURES

- Shorter Hull
- Rounded nose style with higher front rails
- Wide tray for wider stance and improve strength
- Wider rail for stability
- Nose has more rocker for less chance of pearling on the face of waves
- Handlepole mounted farther forward

Power Products Power Factor

POWERFACTOR YAMAHA FREESTYLE EXHAUST SYSTEM WITH POWER BOX

The ultimate freestyle exhaust system. Designed for flat water freestyle and free ride, the PFP exhaust optimizes the power band of most modified jet ski engines. The exhaust manifold bolts up to any Yamaha 701 exhaust bolt pattern. PFP also produces an adapter plate that bolts to any Polaris 700/800 exhaust pattern.

The PowerFactor dry exhaust, is designed so nothing interferes with the engines top end. This allows for any combination of top ends (Bore, Stroke, and Exhaust Valves, etc). It also allows easy access to engine components. The exhaust will fit most hulls, Yamaha SuperJet, Polaris Octane, XScream Hulls, Lenzi Hulls, RRP Hulls, and EME Hulls.

Chambers and manifolds are not sold separately. Chambers come in silver, no powder coating. If a customer would like their chamber painted black, a special request needs to be made and additional charges will apply.



Description	Part No.
PowerFactor Yamaha Freestyle Exhaust System with Power Box	PFPFINEXSJ1-WB



High Torque Hose Clamp & Hardware Kit
Part No. PFPCLPEXH03



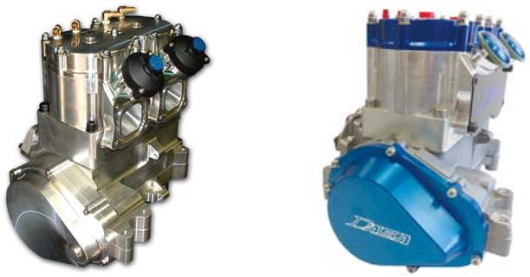
Power Factor Power Box
Part No. PFPFINWB01



Bura O-ring

Power Factor Silicon Hose Kit
Part No. PFPHOSEXH04

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DASA COMPLETE ENGINE

Contains: cylinder kit, cylinder porting, crankcase (stock or billet), stroker case plate, crankshaft (hot rod or billet), OEM crank seals, all hardware and seals.

Engine CC	Piston Size	Crank Stroke	Engine Cases	Part No.
772cc	85mm	Stock	Stock	WCE-SS85
846cc	89mm	Stock	Stock	WCE-SS89
828cc	85mm	5mm	Stock	WCE-0585
840cc	85mm	6mm	Stock	WCE-0685
863cc	85mm	8mm	Stock	WCE-0885
885cc	85mm	10mm	Stock	WCE-1085
901cc	85mm	12mm	Stock	WCE-1285
920cc	89mm	6mm	Stock	WCE-0689
945cc	89mm	8mm	Stock	WCE-0889
970cc	89mm	10mm	Stock	WCE-1089
995cc	89mm	12mm	Stock	WCE-1289
1045cc	89mm	16mm	Billet	WCE-1689
1198cc	94mm	16mm	Billet	WCE-1694

Dasa Standard Recommended Engine Configurations



DASA BILLET STROKER CRANKSHAFT

Description	Part No.
5mm Billet Stroker Crankshaft	WC-0530
6mm Billet Stroker Crankshaft	WC-0630
8mm Billet Stroker Crankshaft	WC-0830
10mm Billet Stroker Crankshaft	WC-1030
12mm Billet Stroker Crankshaft	WC-1230
16mm Billet Stroker Crankshaft	WC-1630



DASA PISTON KITS

Flat Top Pistons	Part No.
85mm	WC-8500
85.50mm	WC-8550
86mm	WC-8600
86.50mm	WC-8650

Piston Kits	Part No.
89mm	WC-8900
89.50mm	WC-8950
90mm	WC-9000
90.50mm	WC-9050
91mm	WC-9100
94mm	WC-9400
95mm	WC-9500

DASA CYLINDER KITS



DASA Cylinder Kits Include:

•Power Valve Cylinder •Head & Domes •Completer Power Valve Assembly •Pistons •All Necessary Hardware, Gaskets & O-rings

85mm Cylinder Kit	Part No.
Stock Stroke	WC-SS85
5mm Stroker	WC-0585
6mm Stroker	WC-0685
8mm Stroker	WC-0885
10mm Stroker	WC-1085

89mm Cylinder Kit	Part No.
Stock Stroke	WC-SS89
5mm Stroker	WC-0589
6mm Stroker	WC-0689
8mm Stroker	WC-0889
10mm Stroker	WC-1089
12mm Stroker	WC-1289
16mm Stroker	WC-1689

94mm Cylinder Kit	Part No.
Stock Stroke	WC-SS94
6mm Stroker	WC-0694
8mm Stroker	WC-0894
10mm Stroker	WC-1094
12mm Stroker	WC-1294
16mm Stroker	WC-1694

DASA DOMES

85mm Flat Top Domes	Part No.
24cc Dome	WC-2485
26cc Dome	WC-2685
28cc Dome	WC-2885
30cc Dome	WC-3085
32cc Dome	WC-3285
34cc Dome	WC-3485

89mm Domes	Part No.
37cc Dome	WC-3789
39cc Dome	WC-3989
42cc Dome	WC-4289
44cc Dome	WC-4489
46cc Dome	WC-4689
48cc Dome	WC-4889
50cc Dome	WC-5089
52cc Dome	WC-5289

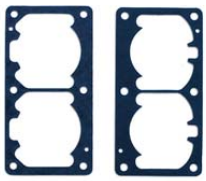


95mm Domes	Part No.
42cc Dome	WC-4295
44cc Dome	WC-4495
46cc Dome	WC-4695
48cc Dome	WC-4895
50cc Dome	WC-5095



DASA HEAD & DOME O-RING KITS

O-Ring Kit	Part No.
89mm-95mm 5 Port	WC-7003
85mm-86.50mm 7 Port	WC-7004



DL-003B DL-004

DASA CYLINDER BASE GASKETS

Base Gasket	Part No.
89mm-95mm 5 Port	DL-003B
85mm-86.50mm 7 Port	DL-004

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WAVE S.R.L. BILLET INTAKE ADAPTER

New turbo air intake adapter for S4, this adds 1.4 mph at top speed on the 140hp Kit, and a better throttle response. Recommended for use with Hot Products Tornado 2 1/2" Filters.

Description	Part No.
Wave S.R.L. Billet Intake Adapter	S4-BLTINTADA
2 1/2" Hot Products Tornado Filter*	53-4274-SIL

**Black, Blue, Red and Green filters also available, see page 133*



WAVE S.R.L. HYDROSPACE INTERCOOLER

This NEW intercooler for the S4 Hydrospace is good for the 140-160-180hp Kits, it gives a better performance at low-mid and top-end RPM. It also works on the 110hp Kit with good results. This intercooler is a must for a fast holeshot.

Key Features Include:

- The support stainless steel bracket is in a lower position for a better center of gravity
- Air flow has been reshaped for a crisper throttle response
- New internal cooling elements, the same as the ones used by teams at the world superbike motorcycle championship and GP as well.

Description	Part No.
Wave S.R.L. Hydrospace Intercooler	S4-INT



WAVE S.R.L. BILLET DRIVE COUPLER SET WITH DAMPNER

This New billet coupler set and dampner for stand-up Hydrospace. Suggested for engine equipped with 140-160 and 180hp. The coupler is bigger than the original one and the dampner has been made with stronger rubber. A must for all Hydrospace engines with more than 110hp.

Description	Part No.
Billet Drive Coupler with Dampner	S4-BLTCPLPMP



WAVE S.R.L. FRONT SPONSONS

New full material molding compressed polyurethane. These front sponsons allow for faster turns, no submarining in turns, better and easier control in race conditions. Used by some of the top Pro Racers on Kawasaki SX-R's and Hydrospace S4's: Alberto Monti (2008 Pro Ski Open World Champion), Steve Dauliach (2011/2012 IJSBA Pro Ski World Champion), Renaud Urbain, Alessia Ida, Macc, Goodchild, Bossche and many other Pro Racers. These sponsons will change and improve the handling of the SX-R and Hydrospace dramatically! Made in Italy.

Short version of Front Sponson is legal for Ski Stock, Ski Limited, Ski Superstock and Ski GP.
Long version of Front Sponson is legal for Ski Limited, Ski Superstock and Ski GP (No Ski Stock for 2013 IJSBA rules).

Kawasaki	Part No.
Wave S.R.L. Front Sponsons Black Short Version - 90cm Length	FFS101
Wave S.R.L. Front Sponsons Black Long Version - 126.5cm Length	FFS-L



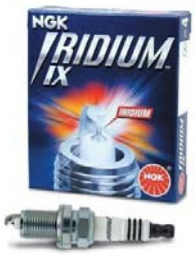
TBM RACING HYDROSPACE REAR SPONSONS

Description	Part No.
TBM Racing Hydrospace Rear Sponsons	TBM101-HS



HYDROSPACE IMPELLER TOOL

Description	Part No.
Hydrospace Impeller Tool	WR001



SPARK PLUGS FOR HYDROSPACE

Description	Part No.
Hydrospace S4 Spark Plugs (package of 4)	BKR7EIX-11

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PROX PISTONS

Forged Pistons. Kit includes: Piston, Rings, Clips and Pins. Standard Compression: 9.0:1

Description	Size	Part No.
Hydrospace S4 (2005-09)	84.94	01.7705.A
Hydrospace S4 (2005-09)	84.95	01.7705.B
Hydrospace S4 (2005-09)	84.96	01.7705.C



RIVA RACING BILLET FINGER THROTTLE FOR HYDROSPACE

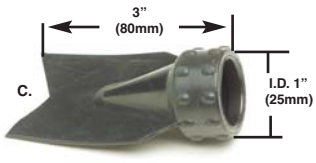
Description	Color	Part No.
RIVA Racing Hydrospace Throttle	Silver	RS24010P
RIVA Racing Hydrospace Throttle	Black	RS24010B



VERSIPLUG "THE ORIGINAL" DRAIN SYSTEM

Versiplug is a self-bailing drain plug system produced using aircraft grade aluminum, water resistant plastic and stainless steel. Installation is simple, quick and easy. The kit will completely drain your PWC without you having to do anything.

Description Color		Part No.
Versiplug Original - Hydrospace	Silver	PD1150
Versiplug Original - Hydrospace	Black	PD1151



HYDROSPACE DUCK BILL

The replacement for the OEM Duck Bill Flapper.

Description	Part No.
Hydrospace Replacement Duck Bill	57-4055



Weber Motors & Parts for Hydrospace S4 Now Available



PRO WATERCRAFT CHIN PADS

Description	Part No.
Chin Pad for the Hydrospace OEM Handle Pole	PW-02-100





HYDRO-TURF & JETTRIM MAT KITS

Description	Part No.
Hydrospace S4 with 2" Kick Tail Mat Kit - Black	HT100
Jettrim Hydrospace Bottom Mat	HS101
Jettrim S4 8 Piece Mat Set	HS102



TBM RACING RACE BUMPERS

Enhance the look and handling of your Hydrospace S4 with TBM's race bumper kit. High quality rubber and 3M peel and stick adhesive insures a long lasting durable bumper to protect your investment. The bumpers also enhance the handling by reducing the sharp edge of the bond flange which makes the ski corner smoother reducing the edgy feel of the stock handling.

Description	Part No.
TBM Racing Hydrospace Race Bumpers	TBM117-HSR



TBM RACING SUPER SCOOP & RIDE PLATE

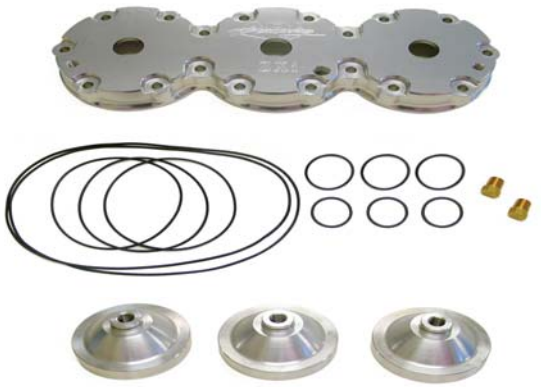
TBM Racing extensively tested and developed the TBM Racing Intake Grate and Ride Plate for the Hydrospace in house and owns the tooling for these parts. *The minimum production run for TBM Hydrospace cast parts is 25 of a part. Hot Products will accept pre-orders and will order the items when the minimum requirement is met.*

Description	Part No.
TBM Racing Hydrospace Super Scoop	TBM100-HS
TBM Racing Hydrospace Ride Plate	TBM123-HS

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ADA Racing

Kawasaki 900/1100 Non-Girdle Head



Kawasaki 900/1100 Girdle Head & Girdle Kit



ADA RACING KAWASAKI 900/1100 BILLET HEAD

Kawasaki 900	Part No.
ADA Racing 900/1100 Non-Girdle Billet Head Shell	KA900/1100
ADA Racing 900/1100 Girdle Billet Head Shell	KA1100M
ADA Racing Girdle Kit for KA1100M	KA1100G
ADA Racing K900 26cc Dome (185 lbs. - 105 Octane)	KA9026
ADA Racing K900 28cc Dome (170 lbs. - 95 Octane)	KA9028
ADA Racing K900 30cc Dome (155 lbs. - 91 Octane)	KA9030
ADA Racing K900 O-Ring Kit	ORKITK900

***All ADA Racing Domes are sold individually

Kawasaki 1100	Part No.
ADA Racing 900/1100 Non-Girdle Billet Head Shell	KA900/1100
ADA Racing 900/1100 Girdle Billet Head Shell	KA1100M
ADA Racing Girdle Kit for KA1100M	KA1100G
ADA Racing K1100 22cc Dome (215 lbs. - 112 Octane)	KD1222
ADA Racing K1100 24cc Dome (200 lbs. - 108 Octane)	KD1224
ADA Racing K1100 26cc Dome (185 lbs. - 105 Octane)	KD1226
ADA Racing K1100 28cc Dome (170 lbs. - 95 Octane)	KD1228
ADA Racing K1100 30cc Dome (155 lbs. - 91 Octane)	KD1230
ADA Racing K1100 32cc Dome (145 lbs. - 89 Octane)	KD1232
ADA Racing K1100 O-Ring Kit	ORKITK1100

***All ADA Racing Domes are sold individually





KOMMANDER KAW TRIPLE 1100/1200 HEAD

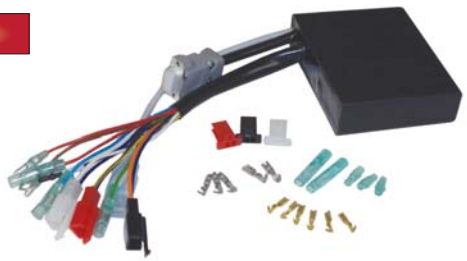
Billet Aluminum Head & Domes, Fits all 1100 triple Kawasaki motors.

Kommander Industries billet aluminum domes are made for racing, utilizing custom dome architecture for maximum fuel burn and horsepower gains, these domes are ready for the races. Domes are sold individually.

Description	Part No.
Kommander 1100 Billet Girdle Head Black (O-Ring Kit and Two 90° Head Water Fittings Included)	KOM-110-GZXI
Kommander 1100 Billet Head O-Ring Kit	KOM-110-O-RING
Kommander Girdle Head Hardware Kit	KOM-110-HARDWARE

Description	Bore Size	Dome Size	Part No.
Kommander Dome	82mm	26cc	KOM-822600-ZXI
Kommander Dome	82mm	28cc	KOM-822800-ZXI
Kommander Dome	82mm	30cc	KOM-823000-ZXI
Kommander Dome	82mm	32cc	KOM-823200-ZXI
Kommander Dome	85mm	24cc	KOM-852400-ZXI
Kommander Dome	85mm	26cc	KOM-852600-ZXI
Kommander Dome	85mm	28cc	KOM-852800-ZXI
Kommander Dome	85mm	30cc	KOM-853000-ZXI

NEW



IGNI3 PROGRAMMABLE IGNITION FOR KAWASAKI 1100

Igni3 Pro is a high power ignition with can be fully USB programmable. Software is included and allow to modify at home or at water with any Windows computer or laptop (all except Vista). It will increase power with any modification and can be setup exactly for you. Operates also as total loss system with any flywheel.

Description		Part No.
K1100 Programmable Ignition	NEW	IGNI3



TBM RACING 1100 TOTAL LOSS FLYWHEEL

Weighing in at 2.2 pounds (stock is 4.0 pounds) you will gain a tremendous increase in acceleration and midrange powder simply by bolting this masterpiece on.

Description	Part No.
TBM Racing 1100 Total Loss Flywheel	TBM124-1100

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NEW

KOMMANDER KAWASAKI 1100/1200 INTAKE MANIFOLD

The new Kommander Kawasaki 1100 Triple intake manifold now features a speed plate for easier removal of the carbs. Designed to fit all 44mm thru 49mm Mikuni carbs. Supplied with all required hardware and gaskets.

Description	Part No.
Kommander Kaw 1100/1200 Intake Manifold	KOM-107-SP



DASA KAW 1100/1200 BILLET INTAKE MANIFOLD

The Dasa Kawasaki 1100/1200 Billet Intake Manifold features a speed plate for easily and fast removal of the triple carburetors when needed.

Description	Part No.
DASA Kaw 1100/1200 Billet Intake Manifold	KA-1101



NOVI-TEC CARBURETOR KIT

Description	Part No.
Novi-Tec 48mm Triple Carburetor Kit	TK48XRF-S/S



FUEL PICKUP FOR 1100 SXR CONVERSION & ZXI/STX-R

Provides maximum fuel flow to triple carbs applications. Used by the top Professional Racers for conversion Race Ski applications. This is a complete kit that includes all required parts.

Description	Color	Part No.
1100 SXR/ZXI/STX-R Fuel Pickup	Silver	53-9957
1100 SXR/ZXI/STX-R Fuel Pickup	Black	53-9958



KAW 1100 BASE GASKETS

Solid aluminum core with high density fiber facing.

Kawasaki Base Gasket	Thickness	Part No.
1100 Base Gasket	.025"	7615.025
1100 Base Gasket	.030"	7615.030
1100 Base Gasket	.040"	7615.040
1100 Base Gasket	.050"	7615.050
1100 Base Gasket	.065"	7615.065

KOMMANDER INDUSTRIES BY STEVE WEBSTER



KOMMANDER 1100/1200 SXR EXHAUST CONVERSION KIT

Comes with all required hoses and clamps for installation.

Description	Part No.
Kommander Kaw 1100/1200 Exhaust Conversion Kit	KOM-130-ZXI



KOMMANDER 1100/1200 SXR EXHAUST ROUTING KIT INTAKE SIDE

Comes with all required hoses and clamps for installation.

Description	Part No.
Kommander Kaw 1100/1200 Exhaust Routing Kit Intake Side	KOM-135-ZXI



KOMMANDER 1100/1200 SXR TRIPLE HIGH FLOW EXHAUST GASKET

Description	Part No.
Kommander Kaw 1100/1200 Triple High Flow Exhaust Gasket (Sold Individually)	KOM-13-ZXI



ADA RACING 1100 SXR DRIVE COUPLER CONVERSION

Billet aluminum drive coupler for the Kawasaki 900/1100 that uses the 750/800 damper. This coupler is for putting a 900/1100 engine into a 750/800 hull. The threads are 24-1.5mm and fit the Kawasaki 1100 crankshaft. This coupler makes light work of coupling the 1100 motor to the SXR drive shaft. Kawasaki style coupler for crank side only of the 1100 motor.

Description	Part No.
ADA Racing 1100 SXR Drive Coupler Conversion*	31-700390
ADA Racing K800 SXR 20mm Thread*	KA800DC
Kawasaki Coupler Dampner	003-201

*These couplers are sold individually.

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BULLETT RACING V2 WIDEBOY HULL

Bullett Racing V2-WideBoy Kawasaki SXR with molded tubbies. This boat may have the same look as the Original SXR with the exception of the bottom. The Bottom on the V2 is a race bred and proven design that over the past few years has been winning championships on every continent. This Hull was built around the intake system of this boat with no compromises in race conditions. The Wideboy hull introduces a wider tray for more rider input, the tray is 2" wider at the back and 3" wider at the front. Bullett Racing only uses the highest quality materials on the market, all of the composite products are built with AME 6000 Pure Epoxy Vinyl Ester resins. The hull comes with a composite deck and bottom, composite bulkhead, carbon fiber ride plate for rigidity and memory retension, Bullett racing proprietary intake system that comes with intake shoe and intake grate, composite hood with four air intake tubes inside the hood, tucked high up in the hood making it he most water tight hood on the market. The hull also comes with bow eyes front and rear, 2.5 inch exhaust, hull extensions, bond flange wedges, steering cable tube, 2ea.1/2 inch water lines, 5/8 inch trim cable tube, motor mount holes pre-drilled for either 800 or 1100 motor configuration. And last of all deck and bottom are glued together with a high strength bonding glue, and the entire hull is pre-finished on the inside with white gel-coat and black splatter.

Description	Part No.
Bullett Racing V2 Race Hull Standard Deck	BUL-K1102-1
Bullett Racing V2 Race Hull Wideboy Deck	BUL-K1102-2
Bullett Racing X-2 Sport Hull with V2 Bottom	BUL-K1103-2



BULLETT RACING LIGHTWEIGHT SXR HOOD

Bullett's lightweight SXR hood is extremely strong and very durable all while coming in 12lbs lighter than a OEM Kawasaki SXR hood. The hood is predrilled for installation of the OEM hardware and utilizes the OEM hood seal. Feature additional clearance for installation of a Factory pipe. Gloss gel coated finish.

Description	Part No.
Bullett Racing Lightweight SXR Hood-Black	HOOD-KB-BLK
Bullett Racing Lightweight SXR Hood-White	HOOD-KB-WHT

BULLETT RACING V1 HULL

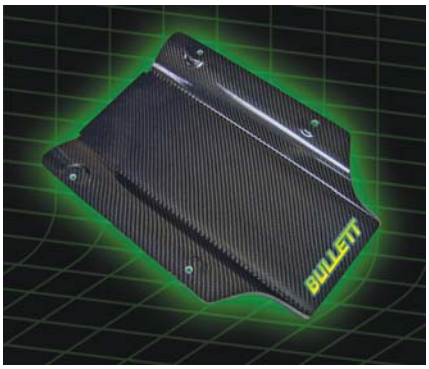
Bullett Racing V1-Wideboy Kawasaki SXR with molded tubbies. This boat has the same look and feel as the Original SXR with the exception of the molded tubbies for more straightline stability for greater rider input. Bullett Racing only uses the highest quality materials on the market, all of our composite products are built with AME 6000 Pure Epoxy Vinyl Ester resins. The hull comes with a composite deck and bottom, composite bulkhead, carbon fiber ride plate for rigidity and memory retension, composite hood with four air intake tubes inside the hood, tucked high up in the hood making it the most water tight hood on the market. The hull also comes with bow eyes front and rear, 2.5 inch exhaust, hull extensions, bond flange wedges, steering cable tube, 2ea. 1/2 inch water lines, 5/8 inch trim cable tube, and motor mount holes pre-drilled for either 800 or 1100 motor configuration. And last of all deck and bottom are glued together with a high strength bonding glue, and the entire hull is pre-finished on the inside with white gel-coat and black splatter.

Description	Part No.
Bullett Racing SXR V1 Hull	BUL-K1101
Bullett Racing X-2 Sport Hull with V1 Bottom	BUL-K1103-1

Rob Flores
Bullett Racing
V2-Wideboy



Bullett Racing
X-2 Sport Hull



BULLETT RACING CARBON FIBER RIDE PLATE

Bullett's ride plate will improve overall speed & handling of your water-craft making your riding experience the best possible. Carbon compressed molded to retain the plate shape and design and not bend like aluminum ride plates. Improves lean angle, straight line tracking and overall grip

Description	Part No.
Bullett Racing 800 SXR Carbon Fiber Ride Plate	RP-KAW

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CARBURETOR REBUILD & FILTER ADAPTOR APPLICATIONS

Manufacturer	Stock Carb Type	Carb Qty.	OEM Carb Rebuild Kit Part #	Adapter Part #
SEA-DOO				
580GTX 92-94	38M SBN	2	MK-BN38/44 SPR	53-4460
580GT 90-96	38M SBN	1	MK-BN38/44 SPR	53-4460
580GTS 93-96	38M SBN	2	MK-BN38/44 SPR	53-4460
580SP 88-96	38M SBN	1	MK-BN38/44 SPR	53-4460
580SPX 92-94	38M SBN	2	MK-BN38/44 SPR	53-4460
580 SPI 88-96	38M SBN	1	MK-BN38/44 SPR	53-4460
650XP 94	40M"I"	2	MK-BN38/44 SPR	53-4465
650XP 93	40M"I"	2	MK-BN38/44 SPR	53-4465
650GTX 95	40M"I"	2	MK-BN38/44 SPR	53-4465
650SPX 95	40M"I"	2	MK-BN38/44 SPR	53-4465
720XP 95	40M"I"	2	MK-BN38/44 SPR	53-4465
720GTI 97-99	40M"I"	1	MK-BN38/44 SPR	53-4465
720GTI 96	40M"I"	2	MK-BN38/44 SPR	53-4465
720GTS 97-00	40M"I"	1	MK-BN38/44 SPR	53-4465
720SP 97	40M"I"	1	MK-BN38/44 SPR	53-4465
720SPX 96	40M"I"	2	MK-BN38/44 SPR	53-4465
720HX95-97	40M"I"	2	MK-BN38/44 SPR	53-4465
720GS 97-00	40M"I"	1	MK-BN38/44 SPR	53-4465
720GSI 97	40M"I"	1	MK-BN38/44 SPR	53-4465
800GTX 96-97	40M"I"	2	MK-BN38/44 SPR	53-4465
800GSX 96-97	40M"I"	2	MK-BN38/44 SPR	53-4465
800XP 95-97	40M"I"	2	MK-BN38/44 SPR	53-4465
800SPX 97-99	40M"I"	2	MK-BN38/44 SPR	53-4465
950GSX LTD 97-99	46M"I"	2	MK-BN46I	Not Required
950XP LTD 98-00	46M"I"	2	MK-BN46I	Not Required
950GTX LTD 98-99	46M"I"	2	MK-BN46I	Not Required
YAMAHA				
W/Jammer 500 88-89	38M BN	1	MK-BN38/44	53-4460
W/Runner 500 88-89	38M BN	1	MK-BN38/44	53-4460
W/runner 650 90-95	44M BN	1	MK-BN38/44	53-4480
W/Runner III 650 90-95	44M SBN	1	MK-BN38/44 SPR	53-4480
VXR 650 91-95	44M SBN	1	MK-BN38/44 SPR	53-4480
SuperJet 650 90-93	44M SBN	1	MK-BN38/44 SPR	53-4480
W/Raider 701 94-95	38M SBN	2	MK-BN38/44 SPR	53-4460
W/Raider 701 96-97	44M SBN	1	MK-BN38/44 SPR	53-4480
W/Venture 701 95-98	38M SBN	2	MK-BN38/44 SPR	53-4460
W/Blaster 701 96-97	38M SBN	2	MK-BN38/44 SPR	53-4460
W/Blaster 701 93-95	44M SBN	1	MK-BN38/44 SPR	53-4480
SuperJet 701 94-95	44M SBN	1	MK-BN38/44 SPR	53-4480
SuperJet 701 96-13	38M SBN	2	MK-BN38/44 SPR	34-120290
FX1 701 94-95	44M SBN	1	MK-BN38/44 SPR	53-4480
XL700 95-00	38M SBN	2	MK-BN38/44 SPR	53-4460
GP760 97-00	44M SBN	2	MK-BN38/44 SPR	53-4480
XL760 98-99	44M SBN	2	MK-BN38/44 SPR	53-4480
W/Raider 760 96	44M SBN	2	MK-BN38/44 SPR	53-4480
W/Blaster II 760 96-97	44M SBN	2	MK-BN38/44 SPR	53-4480
W/Venture 760 96-98	44M SBN	2	MK-BN38/44 SPR	53-4480
GP800 98-00	44M"I"	2	MK-BN38/44 SPR	
W/Raider 1100 95-06	38M SBN	3	MK-BN38/44 SPR	53-4460
W/Venture 1100 96-98	38M SBN	3	MK-BN38/44 SPR	53-4460
XL1200 98	44M"I"	3	MK-BN38/44 SPR	
GP1200 97-99	44M SBN	3	MK-BN38/44 SPR	53-4480
GP1200R 00-02	44M"I"	3	MK-BN38/44 SPR	
SUV 99-03	44M SBN	3	MK-BN38/44 SPR	53-4480
GR800R 00-05	44M"I"	2	MK-BN38/44 SPR	53-4465
XL800 01	44M"I"	2	MK-BN38/44 SPR	53-4465
XLT800 02-04	44M"I"	2	MK-BN38/44 SPR	53-4465
XLT1200 01-05	44M"I"	3	MK-BN38/44 SPR	53-4465
TIGER SHARK				
Daytona Tigershark 93	44M SBN	1	MK-BN38/44 SPR	53-4480
Tigershark 93	44M SBN	1	MK-BN38/44 SPR	53-4480
Barracuda 94-95	46M SBN	1	MK-BN38/44 SPR	53-4490
Daytona 94	46M SBN	1	MK-BN38/44 SPR	53-4490
Monte Carlo 94-95	46M SBN	1	MK-BN38/44 SPR	53-4490
Montego 640 94-95	44M SBN	1	MK-BN38/44 SPR	53-4480
Montego Deluxe 94-96	44M SBN	1	MK-BN38/44 SPR	53-4480
Daytona 95	38M SBN	2	MK-BN38/44 SPR	53-4460
Montego 95	46M SBN	1	MK-BN38/44 SPR	53-4490
Tigershark 95	44M SBN	3	MK-BN38/44 SPR	53-4480
Daytona 770 96-97	38M SBN	2	MK-BN38/44 SPR	53-4460
Monte Carlo 770 Blue 96	38M SBN	2	MK-BN38/44 SPR	53-4460
Monte Carlo 770 Red 96	38M SBN	2	MK-BN38/44 SPR	53-4460
Monte Carlo 900 96	38M SBN	3	MK-BN38/44 SPR	53-4460
Daytona 1100 97	40M"I"	3	MK-BN38/44 SPR	53-4465
Monte Carlo 640 97	38M SBN	1	MK-BN38/44 SPR	53-4460
Monte Carlo 770 97	40M"I"	2	MK-BN38/44 SPR	53-4465
Monte Carlo 1100 97	40M"I"	3	MK-BN38/44 SPR	53-4465
Montego 97	38M SBN	1	MK-BN38/44 SPR	53-4460
Montego Deluxe 97	38M SBN	1	MK-BN38/44 SPR	53-4460
TS 640 98	40M"I"	1	MK-BN38/44 SPR	53-4465
TS 770 98	40M"I"	1	MK-BN38/44 SPR	53-4465

Manufacturer	Stock Carb Type	Carb Qty.	OEM Carb Rebuild Kit Part #	Adapter Part #
TIGER SHARK				
TS-L 640 98-99	38M SBN	1	MK-BN38/44 SPR	53-4460
TS-L 770 98-99	38M SBN	2	MK-BN38/44 SPR	53-4460
TS-L 1100 98	40M"I"	3	MK-BN38/44 SPR	53-4465
TS-R 770 98-99	38M SBN	2	MK-BN38/44 SPR	53-4460
TS-R 1100 98	40M"I"	3	MK-BN38/44 SPR	53-4465
TS 770L 99	40M"I"	1	MK-BN38/44 SPR	53-4465
TS 900L 99	40M"I"	3	MK-BN38/44 SPR	53-4465
TS 1100R 99	42M"I"	3	MK-BN38/44 SPR	
KAWASAKI				
JS300 86-91	38M BN	1	MK-BN38/44	53-4460
JS400 74-76	38M BN	1	MK-BN38/44	53-4460
JS440 77-90	38M BN	1	MK-BN38/44	53-4460
JS440 91-92	42K	1	53-2103	53-4440
JS550 82-85	38M BN	1	MK-BN38/44	53-4460
JS550 86-90	44M BN	1	MK-BN38/44	53-4480
JS550SX 91-95	38K	1	53-2103	53-4440
650X2 86-90*	28K	1	53-2100	Not Available
**This model utilizes an External Fuel Pump - Fuel Pump Rebuild Kit Part# 53-2105*				
650X2 91-94	38K	1	53-2103	53-4440
JS650SX 87-90*	28K	1	53-2100	Not Available
**This model utilizes an External Fuel Pump - Fuel Pump Rebuild Kit Part# 53-2105*				
JS650SX 91-94	38K	1	53-2103	53-4440
650TS 89-96	38K	1	53-2103	53-4440
650SC 90-95	38K	1	53-2103	53-4440
750SX 92-95	40K	1	53-2103	53-4440
750SXI 95	40K	2	53-2103	53-4440
750SXI 96-97	40M"I"	2	MK-BN38/44 SPR	53-4465
750SXI PRO 98-00	40M"I"	2	MK-BN38/44 SPR	53-4465
750SS 92-98	40K	1	53-2103	53-4440
750XI 93-97	40K	2	53-2103	53-4440
750XIR 94	40K	2	53-2103	53-4440
750ST 93-95	40K	1	53-2103	53-4440
750STS 95-97	40K	2	53-2103	53-4450
750ZXI 95-98	40K	2	53-2103	53-4450
800SX-R 03-12	40M"I"	2	MK-BN38/44 SPR	53-4465
900ZXI 95-97	38K	3	53-2103	53-4450
900STX 97-99	38K	3	53-2103	53-4450
1100ZXI 96-97	38K	3	53-2103	53-4450
1100STX 97-99	38K CDCV	3	Not Available	Not Available
ULTRA150 99-00	40K CDCV	3	Not Available	Not Available
POLARIS				
SL650 92-95	38M SBN	3	MK-BN38/44 SPR	53-4460
SL650 STD 95	38M SBN	3	MK-BN38/44 SPR	53-4460
SL700 96	KEIHIN	2	53-2103	53-4450
SL700 97	42K	1	53-2103	53-4440
SL700 DELUXE 97	KEIHIN	2	53-2103	53-4450
SLT700 96-97	KEIHIN	2	53-2103	53-4450
SL750 93-95	38M SBN	3	MK-BN38/44 SPR	53-4460
SLT750 95	38M SBN	3	MK-BN38/44 SPR	53-4460
SLT 94	38M SBN	3	MK-BN38/44 SPR	53-4460
SL780 96-97	38M SBN	3	MK-BN38/44 SPR	53-4460
SL900 96-97	KEIHIN	2	53-2103	53-4450
SL1050 97	KEIHIN	2	53-2103	53-4450
SLH 98-99	KEIHIN	2	53-2103	53-4450
SLH-2 Pass 00	KEIHIN	2	53-2103	53-4450
SLH-2 Pass 01	KEIHIN		53-2103	53-4450
SLT780 96-97	38M SBN	3	MK-BN38/44 SPR	53-4460
SLTH 98-99	KEIHIN	2	53-2103	53-4450
SLX 99	KEIHIN	2	53-2103	53-4450
SLX 2-Pass 00-01	KEIHIN	2	53-2103	53-4450
SLTX 96-99	KEIHIN	2	53-2103	53-4450
SLTX-B 99	MIKUNI "I"	3	MK-BN38/44 SPR	53-4465
SLX780 95-96	38M SBN	3	MK-BN38/44 SPR	53-4460
SLX Pro785 97-98	MIKUNI SBN	3	MK-BN38/44 SPR	
SLXH 98	KEIHIN	2	53-2103	53-4450
SLXH Euro 98	KEIHIN	2	53-2103	53-4450
Hurricane 96-97	KEIHIN	2	53-2103	53-4450
Pro 785 99	MIKUNI SBN	3	MK-BN38/44 SPR	
Pro 785 2-Pass 00	MIKUNI SBN	3	MK-BN38/44 SPR	
Pro1200 2-Pass 00-01	KEIHIN	2	53-2103	53-4450
Genesis 99	KEIHIN		53-2103	53-4450
Genesis 4-Pass 00-02	KEIHIN	2	53-2103	53-4450
Virage 3-Pass 00-03	KEIHIN		53-2103	53-4450
Virage TX 3-Pass 00,02	KEIHIN	2	53-2103	53-4450
Freedom 3-Pass 02-03	KEIHIN		53-2103	53-4450
Freedom DA 04	KEIHIN		53-2103	53-4450
Freedom IA 04	KEIHIN		53-2103	53-4450
Octane 02-03	KEIHIN	2	53-2103	53-4450

AFTERMARKET RACING CARBS:
NOVI-TEC, DASA Racing, RIVA Powerbomb, Blackjack, Full Spectrum.
All use rebuild kit: **MK-BN38/44 SPR**

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MIKUNI CARBURETORS
HI-PERFORMANCE SUPER BN
Extended Throttle Shaft Without Choke Shaft



38MM
Part # **BN38-34-8113**



44MM
Part # **BN44-40-8067**



44MM
Part # **BN44-40-8052**



46MM
Part # **BN46-42-8002**

OEM REPLACEMENT SUPER BN
Regular Throttle Shaft With Choke Shaft

**** Direct replacement of OEM Carburetors at a fraction of OEM cost. ****

MAG-SIDE



40MM – I-SERIES

MAG-SIDE (FRONT)
Part # **BN40I-38-26**

PTO-SIDE (REAR)
Part # **BN40I-38-27**

Sea-Doo 720 GTI, GTS, GS, GSI '98, 800 GTX, GSX '96-'00, 800 SPX 97-99, 800 XP '95-'99, 951 GSX LTD '97

PTO-SIDE





38MM
Part # **BN34-28-8010**
Yamaha
Wave Runner 500 88-89
Wave Jammer 500 88-89



40MM – I-SERIES
Part # **BN40I-38-24**
Sea-Doo 720,
GTI, GTS, GS, GSI, '97



44MM
Part # **BN44-40-43**
Single Carb Yamaha
SJ 650 (90-93), SJ 701 (94-95), Wave Blaster 701 (93-95), Tigershark Monte Carlo 650 (96)

DUAL CARBURETOR SET
46MM – I-SERIES

Part # **BN46I-42-B4**
Sea-Doo 951,
GSX, GTX, XP-LTD, '98-01, XP'00, RX, LRV

Note: Sold as a fully assembled dual carburetor set.



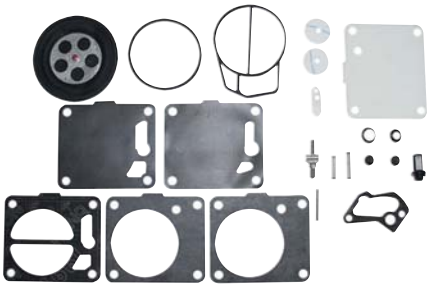
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See page 107 for Applications of Rebuild Kits

GENUINE CARBURETOR REBUILD KITS

Kits include all necessary gaskets, diaphragms, and hardware required to disassemble and rebuild Mikuni carburetor.





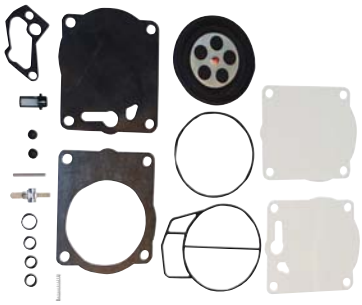
Kit Includes Mikuni Arm Springs (1 each - 65gm & 115gm)

Mikuni	Diaphragm Cover	Part No.
Super BN	Square	**MK-BN38/44-SPR**

38mm, 44mm, 46mm and I Series 38/40

*Sea-Doo Pre 97, Kawasaki 750 98-02, 800 SX-R 03-08 and ALL Mikuni Performance Super BN Square Body 38mm, 44mm and 46mm carbs





Kit Includes Mikuni Arm Spring (1 spring - 95gm)

Mikuni	Diaphragm Cover	Part No.
I Series 46mm	Square	**MK-BN46I**

*Sea-Doo 951 (98 and newer)



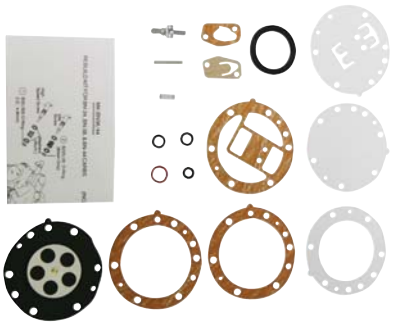


Kit Includes Mikuni Arm Spring (1 spring - 95gm)

Mikuni	Diaphragm Cover	Part No.
I Series 44mm/46mm	Square	**MK-BN44I-YAM**

*Yamaha GP800 98-99, GP 800R 00-05, XL 800 01, XLT 800 02-04, GP 1200R 00-02, XL1200 Limited 99-00 and XLT 1200 01-05 ***Yamaha Engine Type 60T, 66E, 66V, 67X, 68N***





Kit Includes Mikuni Arm Spring (1 spring - 95gm)

Mikuni	Diaphragm Cover	Part No.
BN 38mm, 44mm	Round	**MK-BN38/44**

*BN carbs are **"Old Style/Round Body"** with round diaphragm covers

MIKUNI SUPER BN SPECIFICATIONS

Carb Type	Mikuni Part No.	Low Speed Jet	High Speed Jet	Needle Valve	Arm Spring (Grams)	Choke Carb Primer	Color
SBN38	BN38-34-8113	65	107.5	2.0	115 grams	Primer	Silver
SBN44	BN44-40-8052	100	125	2.3	65 grams	Primer	Black
SBN44	BN44-40-8067	120	140	2.5	80 grams	Primer	Silver
SBN46	BN46-42-8002	120	150	2.5	80 grams	Primer	Silver
OEM Yamaha SBN44	BN44-40-43	120	115	1.5	115 grams	Choke	Black
OEM Yamaha SBN38	BN34-28-8010	77.5	80	1.5	65 grams	Choke	Black
I series 44	BN40I-38-24	70	167.5	1.5	95 grams	Choke	Black
I series 40 (Mag-Side Front)	BN40I-38-26	67.5	140	1.5	95 grams	Choke	Black
I series 40 (PTO-Side Rear)	BN40I-38-27	67.5	142.5	1.5	95 grams	Choke	Black
Sea-Doo Dual I Series 46	BN46I-42-B4	77.5	162.5	2.0	95 grams	Choke	Black

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GENUINE COMPONENTS

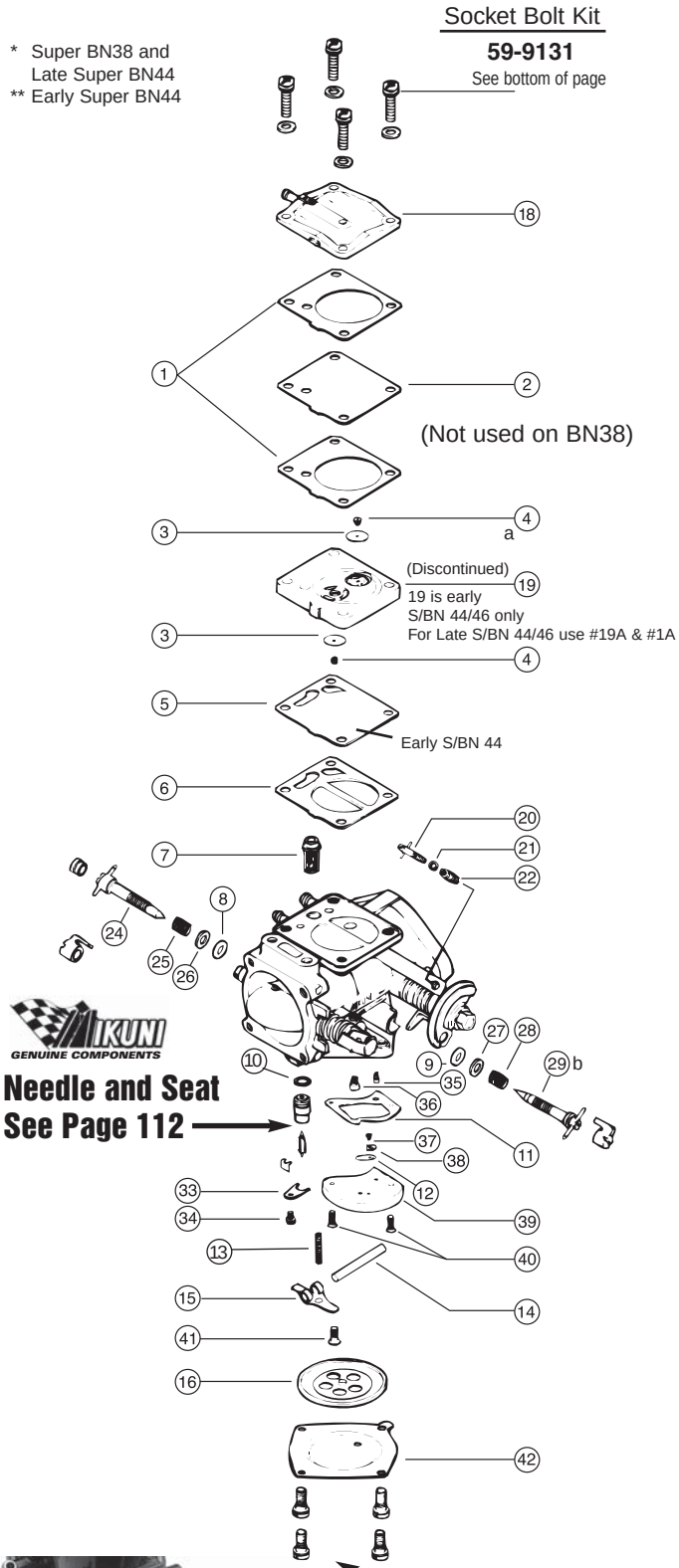
MIKUNI GENUINE PARTS

Diagram No.	Description	Mikuni Part No.
1.	Gasket Pump (2)	BN38/547
1a.	O-Ring*	616-72001
2.	Diaphragm, Pump (Clear)	BN34/97
3.	Check Valve (2) (Clear)	BN34/124
4.	Grommet, Check Valve (2)	BN34/125
5.	Diaphragm, Damper (large hole)**	BN34/100
5a.	Diaphragm, Damper (small hole)*	BN34/129
6.	Gasket, Damper**	BN34/101
6a.	O-Ring*	616-92007
7.	Filter	BN44/146
8.	O-Ring, Hi Speed	B30/305
9.	O-Ring, Low Speed	MD12/16
10.	O-Ring, Needle Valve	not available
11.	Gasket Valve Body	BN34/123
12.	Check Valve (Clear)	BN34/107
13.	***Spring, Arm (115 grams)***	***see pg 98***
13a.	***Spring, Arm (65 grams)***	***see pg 98***
13b.	***Spring, Arm (95 grams)***	***see pg 98***
14.	Pin, Arm	VM30/97
15.	Arm (Stainless)	BN38/534
16.	Diaphragm Assembly	BN44/145
	MK-BN38/44 SPR REBUILD KIT	
18.	Cover Pump	BN34/95B
19a.	Body Assembly Pump (Must use w/O-Ring 1A)	BN34/128
20.	Stop Screw, Idle**	BN44/109
20a.	Stop Screw, Idle*	BN34/82
21.	Washer (Aluminum - Same as #26)	BN38/39
22.	Spring, Idle**	BN38/341
22a.	Spring, Idle (Same as #25)*	BN38/344
24.	Adjuster, Hi Speed (with Cross Bar)	BN44/167
25.	Spring, Hi Speed (Same as #22a)	BN38/344
26.	Washer, Hi Speed (Aluminum - Same as #21)	BN38/39
27.	Washer, Low Speed (Aluminum)	BN38/172
28.	Spring, Low Speed	BN38/343
29a.	Adjuster, Low Speed (with Cross Bar) 38mm	BN38/477
29b.	Adjuster, Low Speed (with Cross Bar) 44mm	BN38/166
33.	Plate, N.V. Retainer	BN34/117-GG
34.	Screw with washer	CW2-0307-G
35.	Low Jet, 30-160 in increments of 5 (See page 98)	N100.606-SIZE
36.	Main Jet, 30-260 in increments of 5 (See page 98)	N102.221-SIZE
37.	Screw	BV15/121-05-GG
38.	Plate, Valve	BN34/108-GG
39.	Valve Body Assembly	BN44/165
40.	Screw (2 pcs)	C5-0414-G
41.	Screw	C6-0308-G
42.	Cover (Stainless)	BN44/147

*Super BN38 and Late Super BN44
**Early Super BN44

SUPER BN38 / BN44 / BN46

* Super BN38 and Late Super BN44
** Early Super BN44





SUPER BN CARBURETOR TUNING MANUAL

For the watercraft tuner working with Super BN series carburetors.

Description	Part No.
Mikuni Tuning Manual	MK-BN/004

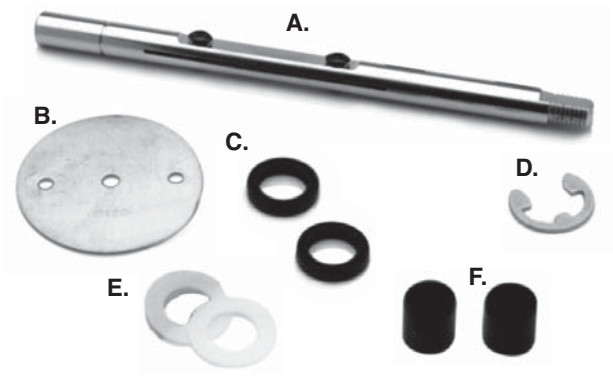


SBN CARBURETOR DIAPHRAGM COVER SOCKET BOLT KIT

Replace the stock phillips bolts on carbs with stainless steel socket head bolts.

Description	Part No.
Mikuni Super BN Bolt Kit	59-9131

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GENUINE COMPONENTS

MIKUNI THROTTLE VALVE KIT

Description	Part No.
Throttle valve (#150) kit for 38mm	MK-BN/038 TV
Throttle valve (#120) kit for 44mm	MK-BN/044 TV
Throttle valve (#120) kit for 46mm	MK-BN/046 TV

THROTTLE SHAFTS AND VALVES (ALL PARTS SOLD INDIVIDUALLY - PER PIECE)

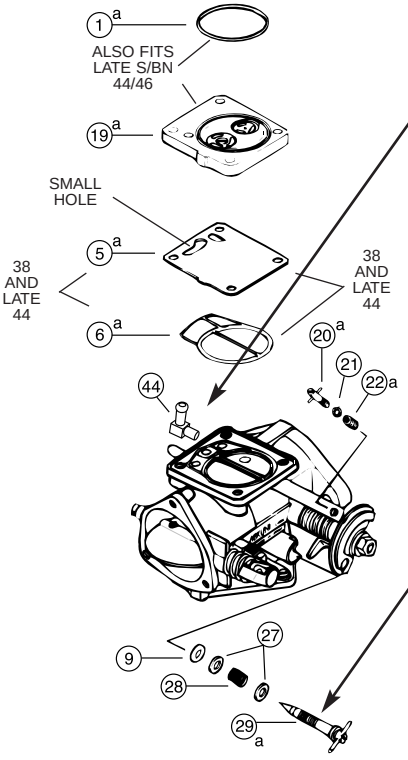
Description	Part No.
A. Super BN 44mm Throttle Shaft (Extended)	703-89004
B. Super BN 44mm #120 Throttle Valve	BN44/06-120
B. Super BN 46mm #120 Throttle Valve	818-46009-120
C. Super BN 38mm Throttle Shaft Seal	N127.036
C. Super BN 44/46mm Throttle Shaft Seal	N167.126
D. Super BN 38/44/46mm Throttle Shaft Clip (Heavy Duty)	MK-BN/005
E. Super BN 38/44/46mm Throttle Shaft Washer (Nylon)	N114.077
F. Super BN 38mm Throttle Shaft Bushing (Short)	BN38/514
F. Super BN 38mm Throttle Shaft Bushing (Long)	BN38/539
F. Super BN 44/46mm Throttle Shaft Bushing	BN38/569

All parts sold individually - per piece

GENUINE COMPONENTS

Super BN 38

Also used in late style Super BN 44





90° FUEL INLET FITTING (PRESS IN)

Description	Diag. #	Part No.
90° Fuel Inlet Fitting	44	DF44-2/70

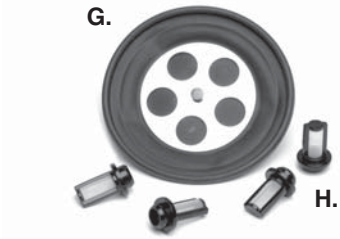
All parts sold individually - per piece



ADJUSTER WITH CROSS BAR

Description	Diag. #	Part No.
High Speed 38/44/46	24	BN44/167
Low Speed 38	29a	BN38/477
Low Speed 44/46	29b	BN38/166

(Does not fit Yam OEM 44mm carb)



DIAPHRAGM AND FILTER

Description	Diag. #	Part No.
G. Diaphragm Assembly Super BN 38/44/46	16.	BN44/145
H. Super BN Filter	7.	BN44/146
Diaphragm Assembly for **"Old Style/Round Body"** BN 38/44 series		BN38/02

All parts sold individually - per piece



ULTIMATE CARB GASKETS

Thick "Green" gaskets.

Mikuni	Part No.
38mm	9230
40mm "I" Series	9235
44mm	9240
46mm	9250
48mm	9252
50mm	9257
50mm SD951 "I" Series	6740

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MIKUNI GENUINE COMPONENTS

PARTS STAMPING This marking on a jetting part is your quality assurance guarantee it is a genuine Mikuni component. **DO NOT ACCEPT SUBSTITUTES.**



CARBURETOR JETS
Mikuni Low Jets
P/# (N100.606-size)

Size:		
	30	95
	32.5	97.5
	35	100
	37.5	102.5
	40	105
	42.5	107.5
	45	110
	47.5	112.5
	50	115
	52.5	117.5
	55	120
	57.5	122.5
	60	125
	62.5	127.5
	65	130
	67.5	132.5
	70	135
	72.5	137.5
	75	140
	77.5	142.5
	80	145
	82.5	147.5
	85	150
	87.5	155
	90	160
	92.5	

CARBURETOR JETS
Mikuni Main Jets
P/# (N102.221-size)

Size:			
	30	95	160
	32.5	97.5	162.5
	35	100	165
	37.5	102.5	167.5
	40	105	170
	42.5	107.5	172.5
	45	110	175
	47.5	112.5	177.5
	50	115	180
	52.5	117.5	182.5
	55	120	185
	57.5	122.5	187.5
	60	125	190
	62.5	127.5	195
	65	130	200
	67.5	132.5	205
	70	135	210
	72.5	137.5	215
	75	140	220
	77.5	142.5	230
	80	145	240
	82.5	147.5	
	85	150	
	87.5	152.5	
	90	155	
	92.5	157.5	

MIKUNI GENUINE COMPONENTS

GENUINE MIKUNI CARB COMPARTMENT KIT



Description	Part No.
Dealer Standard Compartment Kit*	**53-2120**
Performance Compartment Kit	**53-2121**
Compartment only	**53-2122**

Dealer Compartment Kit contents:

4 Each of Needle and Seat
1.5/2.0/2.3/2.5
4 Each of Arm Spring
65/80/95/115gm
5 Each of Low Jets
70/72.5/75/77.5/80/82.5/85/87.5/90
92.5/95/97.5/100/102.5/105/110
5 Each of Main Jets
105/110/115/120/125/130/135/140
145/150/155/160

Performance Compartment Kit contents:

4 Each of Needle and Seat
2.0/2.3/2.5
4 Each of Arm Spring
80/95/115gm
5 Each of Low Jets
105/110/115/120/125/130/135/140
145/150/155/160
5 Each of Main Jets
135/140/145/150/155/160/165/170
175/180/185/190

OLD TYPE NEEDLES & SEATS

— Screw in Type —



ROUND DIAPHRAGM COVER STANDARD BN
OLD TYPE, STANDARD METAL TIP

Description	Part No.
1.5	**VM26/26-1.5**
2.0	**VM26/26-2.0**
2.3	**VM26/26-2.3**
2.5	**VM26/26-2.5**
2.8	**VM26/26-2.8**

NEW TYPE NEEDLES & SEATS

SQUARE DIAPHRAGM COVER SUPER BN (NEW TYPE)

— Push in Type —



VITON TIP

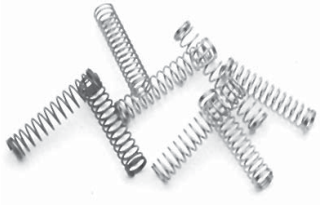
Recommended for Gas Fuel Applications

Description	Part No.
1.2	—
1.5	**786-35015-1.5**
1.8	**786-35015-1.8**
2.0	**786-35015-2.0**
2.3	**786-35015-2.3**
2.5	**786-35015-2.5**

STANDARD METAL TIP

Recommended for Alcohol Fuel Applications

Description	Part No.
1.2	**786-35018-1.2**
1.5	**786-35018-1.5**
1.8	**786-35018-1.8**
2.0	**786-35018-2.0**
2.3	**786-35018-2.3**
2.5	**786-35018-2.5**



MIKUNI ARM SPRINGS

Description	Color	Part No.
65 grams	Shiny Silver	**730-03030**
80 grams	Black	**730-03033**
95 grams*	Platinum	**730-03034**
**This 95gm spring is for Sea-Doo BN 46I Carbs Only!*		
95 grams	Dull Silver	**730-03027-T**
115 grams	Platinum	**730-03027**

POP-OFF PRESSURE CHART

Part. No.		730-03027	730-03027-T	730-03033	730-03030
Arm Springs		115 grams	95 grams	80 grams	65 grams
Needle Valve Size	1.5	55 p.s.i.	43 p.s.i.	38 p.s.i.	32 p.s.i.
	2.0	32 p.s.i.	25 p.s.i.	21 p.s.i.	18 p.s.i.
	2.3	22 p.s.i.	20 p.s.i.	17 p.s.i.	15 p.s.i.
	2.5	19 p.s.i.	17 p.s.i.	14 p.s.i.	12 p.s.i.
Color		Platinum*	Dull Silver	Black	Shiny Silver

The new color **"platinum" color is due to increasing emission regulations in Japan. The new treatment process of the springs creates the new color.*

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MIKUNI GENUINE PARTS
SUPER BN 46 "I"

Diagram No.	Description	Mikuni Part No.
4.	Grommet, Check Valve (2)	BN34/125
7.	Filter	BN44/146
8.	O-Ring, Hi Speed (2)	B30/305
9.	O-Ring, Low Speed (2)	MD12/16
11.	Gasket Valve Body	BN34/123
12.	Check Valve (Clear)	BN34/107
14.	Pin, Arm	VM30/97
15.	Arm (Stainless)	BN38/534
16.	Diaphragm Assembly	BN44/145
61.	Gasket, Pump	BN46I/13
62.	Diaphragm, Pump (Clear)	BN46I/14
63.	O-Ring	616-73002
64.	Check Valve (2)	BN46I/11
66.	Diaphragm, Damper	BN46I/34
67.	Diaphragm, Damper (clear)	BN46I/15
68.	O-Ring	616-73003
69.	O-Ring, Needle Valve	KV/10

MK-BN46I Rebuild Kit

21.	Washer, Aluminum (3)	BN38/39
25.	Spring (2)	BN38/344
27.	Washer, Aluminum (2)	BN38/172
28.	Spring, Low Speed	BN38/343
29b.	Adjuster, Low Speed	BN38/166
33.	Plate, Needle Valve Retainer	BN34/177-GG
34.	Screw with Washer	CW2-0307-G
37.	Screw	BV15/121-05-GG
38.	Plate, Valve	BN34/108-GG
39.	Valve Body Assembly	BN44/165
40.	Screw (2)	C5-0414-G
41.	Screw	C6-0308-G
42.	Cover (Stainless)	BN44/147
70.	Screw with 2 Washers (4)	BN34/120-35
73.	Stop Screw, Idle	BN38I/40
76.	Screw (4)	C2S=0514
77.	Diaphragm, Accelerator. Pump	BN40I/22
79.	Body Assembly, Pump	BN46I/49



SA-300 SA-200 SA-100

ADJUSTER WITH CROSS BAR

This allows simple tuning adjustments, which is not possible with OEM screw.

"I" series 44/46, OEM Yam GP800 & SD 951	Part No.
High Speed cross bar screw	SA-100

OEM Yamaha Carb, XL1200LTD, XLT1200, GP1200R	Part No.
Low Speed cross bar screw	SA-200
High Speed cross bar screw	SA-300

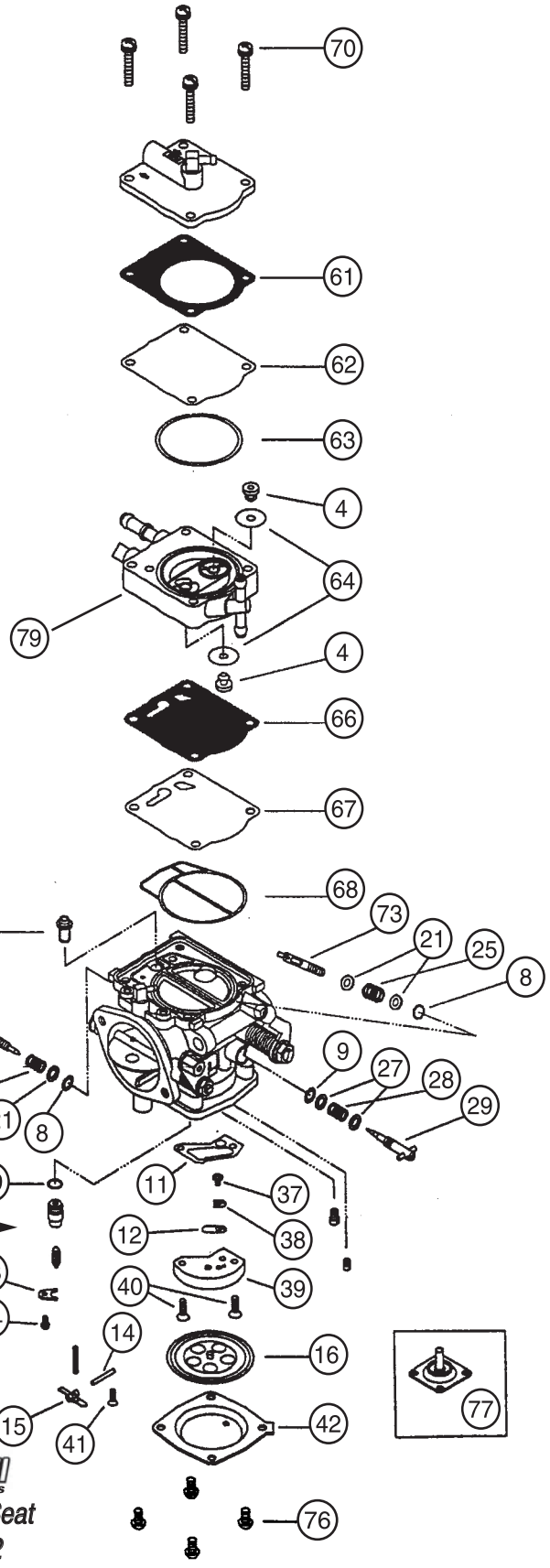
OEM Kawasaki Carb, Kawasaki 800SX-R, HX720	Part No.
Low Speed cross bar screw	SA-500
High Speed cross bar screw	SA-100

OEM Yamaha Carb, Superjet 2004+	Part No.
Low Speed cross bar screw*	SA-700
High Speed cross bar screw*	SA-800

*Choke must be removed and brass plugs drilled out to install SA-700 and SA-800

MIKUNI GENUINE COMPONENTS

SUPER BN 46 "I" TYPE CARB



Needle and Seat See Page 112

For Yamaha GPR Mikuni Carb Repair Kit, see page 114

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SUPER BN 44I/46I FOR YAMAHA

Rebuild kit for one Super BN44I or BN 46I carburetor.

FITS ONLY: Yamaha Watercraft engine with Power Valve System
(Type 60T, 66E, 66V, 67X, 68N)

MIKUNI GENUINE COMPONENTS

Diagram No.	Description	Mikuni Part No.
1.	Gasket, Pump	BN46I/13
2.	Diaphragm, Pump (Clear)	BN46I/14
3.	O-Ring	616-92014
4.	Check Valve (2 pcs)	999-815-071
5.	Grommet (2 pcs)	BN34/125
6.	Diaphragm, Damper	BN46I/34
7.	Diaphragm, Damper (clear)	BN46I/15
8.	O-Ring	616-92015
9.	Filter, Fuel	BN44/146
10.	O-Ring, High Speed	B21/156
11.	O-Ring, Low Speed	B21/156
12.	O-Ring, Needle Valve	KV/10
13.	Gasket, Valve Body	BN34/123
14.	Check Valve (clear)	BN34/107
15.	Pin, Arm	VM30/97
16.	Spring, Arm 115 gram	730-03027
17.	Arm (Stainless)	BN38/534
18.	Diaphragm Assembly, Main	BN44/145
39.	Screw	C6-0308-G

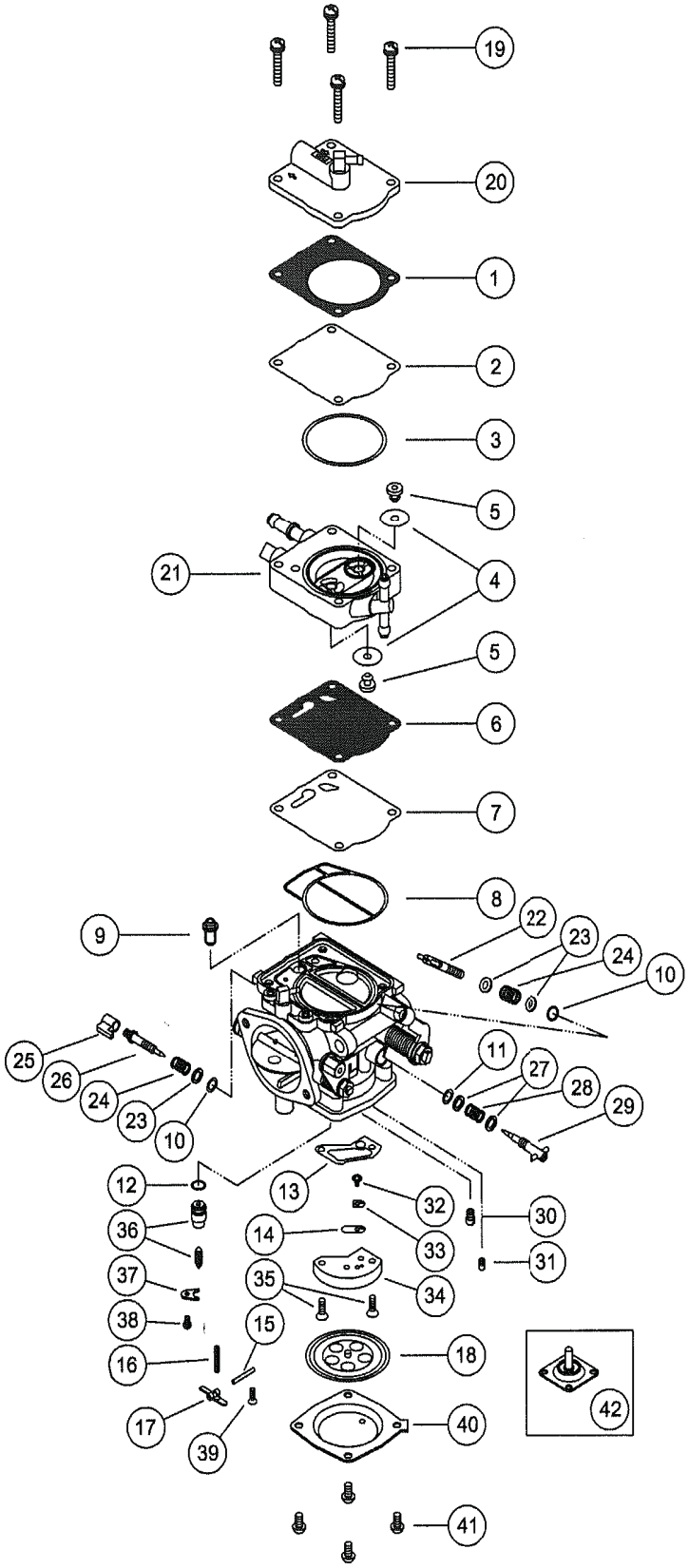
MK-BN 44I-YAM

SBN44I/SBN46I REPLACEMENT PARTS

19. Screw with 2 Washers (4)** BN34/120-35
20. Cover, Pump . . . . . .*Not Available*
21. Body Assembly, Pump BN46I/49
22. Stop Screw, Idle BN38I/40
23. Washer, Aluminum (3) BN38/39
24. Spring (2) BN38/344
25. Cap, High Speed Adjuster . . . . . .*Not Available*
26. Adjuster, High Speed 604-25017
27. Washer, Aluminum (2) BN38/172
28. Spring, Low Speed BN38/343
29. Adjuster, Low Speed BN38/477
30. Jet, High Speed N102.221-size
31. Jet, Low Speed N100.606-size
32. Screw BV15/121-05-GG
33. Plate, Valve BN34/108-GG
34. Valve, Body Assembly BN44/165
35. Screw (2) C5-0414-G
36. ***Needle Valve Assembly . . . . . .SEE PAGE 112***
37. Plate, Needle Valve Retainer BN34/117-GG
38. Screw w/Washer CW2-0307-G
39. Screw C6-0308-G
40. Cover, (stainless, unpainted) BN44/147
41. Screw (4)** C2S-0514
42. Diaphragm, Accelerator Pump BN40I/22

**Tightening Torque:
Part No. 19: 4.5 N•m (45 kg•cm)
Part No. 42: 3.5 N•m (35 kg•cm)

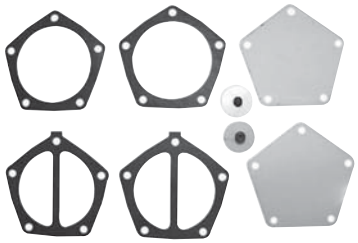
Note: DO NOT use gasket sealant during assembly.



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DF62-702



MK-DF62

MIKUNI HIGH VOLUME FUEL PUMP

16 gallons/61 Liters per hour

Description	Part No.
Mikuni Fuel Pump	DF62-702
Mikuni Fuel Pump Repair Kit	MK-DF62



**Fuel pump is not included

BLOWSION CARBON FIBER REMOTE FUEL PUMP BRACKET

Use this ultra sano 100% carbon fiber fuel pump bracket when adding remote fuel pumps. Lightweight and burly, this is the key to your mounting problems without adding weight or stress to the engine compartment.

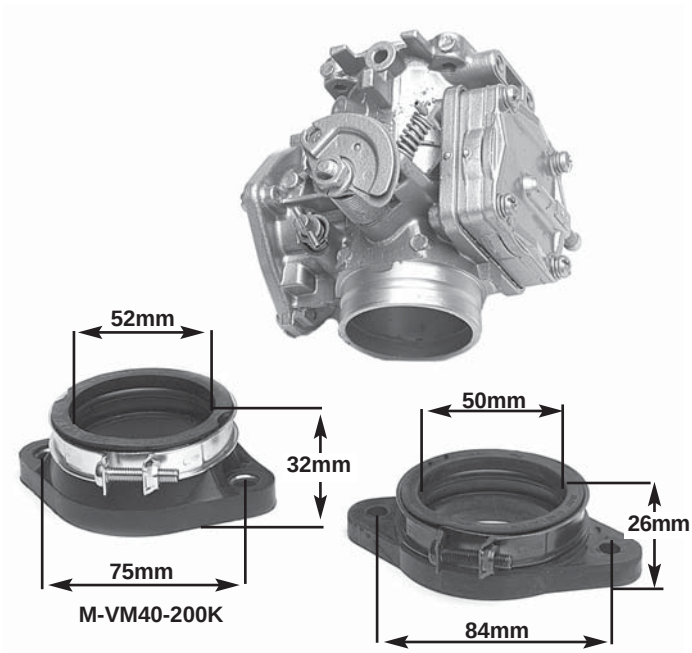
Description	Part No.
Fuel Pump Bracket	01-02-556



MIKUNI FUEL PUMP BLOCK OFF

Block off plates sold individually, one block off plate only, no bolts are included with the block off plate. Sold each.

Description	Part No.
Mikuni Fuel Pump Block Off	BN34/126



SPIGOT MOUNT FLANGE FOR MIKUNI CARBURETOR

For easier removal and installation of carburetor for jetting and maintenance. Recommended to use with side draft manifold only.

Description	Part No.
Spigot Mount Flange (Silver Band)	M-VM40-200K
Spigot Mount Flange Sea-Doo 951 (Black Band)	I-VM44-200-1



BLOWSION FUEL PUMP BLOCK OFF

Blowsion has created these sanitary anodized and engraved Blowsion logo carb block offs. A necessity when using a remote fuel pump. Fits all Mikuni carbs. Billet aluminum and includes all stainless hardware.

Description	Part No.
Blowsion Mikuni Fuel Pump Block Off	01-02-557



MIKUNI POP-OFF GAUGE

For Accurate adjustment of pop off pressure levels for fine tuning requirements.

Description	Part No.
Mikuni 30 lbs. Guage	MK-BN PMP
Mikuni 60 lbs. Guage	MK-BN PMP-60
Mikuni 100 lbs. Guage	MK-BN PMP-100



MIKUNI TOOL KIT

This handy little kit contains all the tools necessary to make jetting change, perform normal maintenance as well as disassemble and rebuild any Mikuni carburetor.

Description	Part No.
Mikuni Tool Kit	MK-404

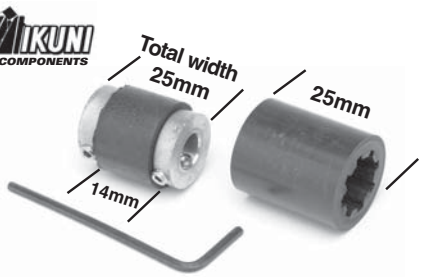


MIKUNI POCKET TUNER

A handy pocket-size slide calculator which can be used to determine required jetting changes in Mikuni carburetors due to ambient temperature, altitude or both.

Description	Part No.
Mikuni Pocket Tuner	MK-550-TNR

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MIKUNI DUAL CARBURETORS LINKAGE KIT

The Mikuni Dual linkage kit includes all items as pictured: One complete linkage, one allen wrench and two dampners (14mm & 25mm) are included.

Description	Part No.
Mikuni Dual Linkage Kit	MK-BN/001



JETWORKS LINKAGE

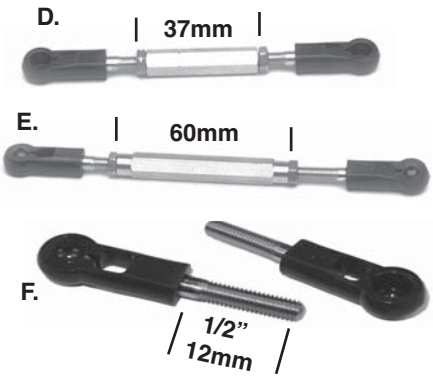
Using 120mm center to center aftermarket dual S/BN carburetor applications. It is made to have zero backlashes and will not compress after age.

Description	Part No.
120mm center to center	LK-2



CARBURETORS LINKAGE

Linkage Kit	Part No.
Mikuni Carburetor Linkage	53-0622



MIKUNI GENUINE OEM STYLE LINKAGE RODS

Description	Part No.
D. Sea-Doo XP800	BN38/573-1A
E. Sea-Doo 951	BN38/573-1C
F. Rods End Only	BN38/576



CARBURETORS LINKAGE SLEEVES

Sleeve Only		Part No.
3/4"	19mm	53-9906
1"	25mm	53-9916
2-3/16"	56mm	53-9917
6"	152mm	53-9918



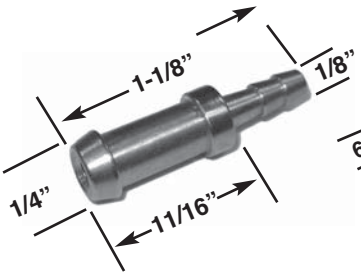
TBM CARBURETOR SHAFT COLLARS

Designed to replace the e-clips that commonly break allowing the carburetor shaft to vibrate side to side damaging the butterfly's and carburetor bodies. Manufactured from stainless steel for corrosion prevention, the two-piece design allows installation without disassembling the carburetors.

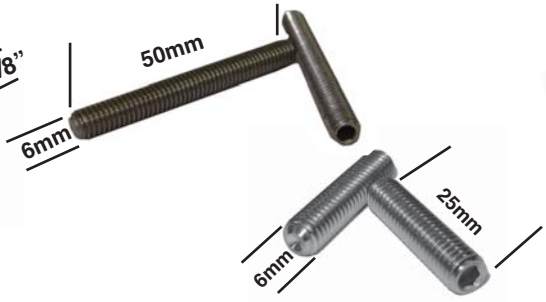
Description	Part No.
Carburetor shaft collars	TBM108

MISCELLANEOUS HARDWARE FOR CARBURETORS

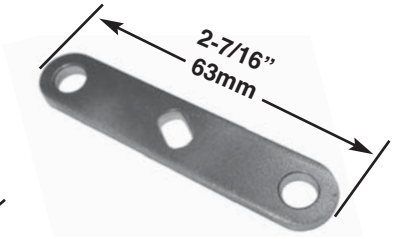
All Items are Sold Individually



Description	Part No.
Press-in Nipple 1/4"-1/8"	53-9935



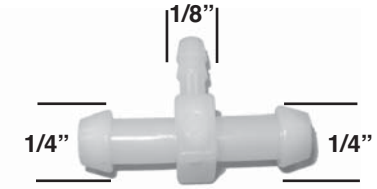
Description	Part No.
6m x 50mm Metric Stud	62-3050
6m x 25mm Metric Stud	62-3025



Description	Part No.
Throttle Linkage Arm	53-0608



Description	Part No.
Throttle Arm	53-0609



Description	Part No.
Plastic T Fitting 1/4"-1/4"-1/8"	64-0095
Brass T Fitting 1/4"-1/4"-1/8"	64-0017



Description	Part No.
Mikuni Pump Side Cover - Red Color	BN 34/95B-Red

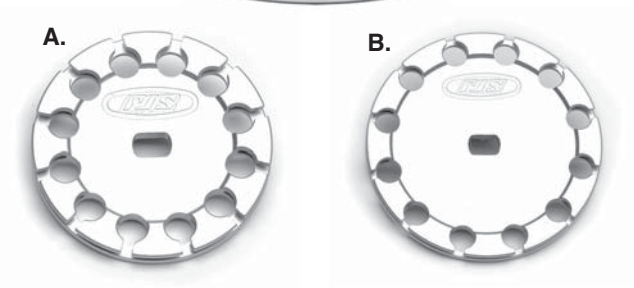
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ADA RACING THROTTLE CABLE DRUM FOR MIKUNI

ADA Racing billet throttle drum for Mikuni carburetors allows the use of any throttle cable and bracket on Mikuni carburetors. 9 positions, 18mm throw.

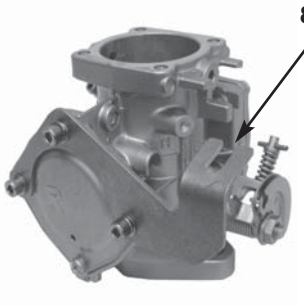
Description	Color	Part No.
ADA Racing Cable Drum 18mm Throw	Black	**30-110100**
ADA Racing Cable Drum 18mm Throw	Silver	**30-110190**
ADA Racing Cable Drum 18mm Throw	Red	**30-110120**



PJS THROTTLE CABLE DRUM FOR MIKUNI

PJS Drums features a center web thin enough to allow use of nut with lock washer. "D" slot match the throttle shaft for a perfect fit. 12 positions and available in 20mm or 25mm throws, anodized clear.

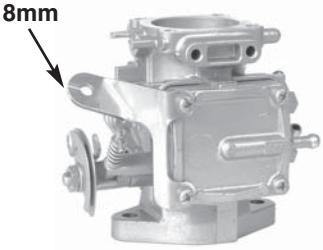
Description	Part No.
A. Standard Size (20mm throw)	**CB-00200**
B. Oversized (25mm throw) for Oil Injection and Stock Carburetors of Yamaha GP/XL	**CB-00205**



PJS UNIVERSAL DIAPHRAGM MOUNT THROTTLE CABLE BRACKET

The PJS carb diaphragm side throttle bracket was developed with a 8mm cable mount for Yamaha and created with additional material to allow for modification to 10mm for Kawasaki throttle cables. Recommended to be used with a ADA Racing Cable Drum shown above.

Description	Cable Size	Part No.
Universal Throttle Cable Bracket	8mm	**CB-00210**



HOT PRODUCTS UNIVERSAL PUMP MOUNT THROTTLE CABLE BRACKET

This carb pump side throttle bracket was developed with a 8mm cable mount for Yamaha and created with additional material to allow for modification to 10mm for Kawasaki throttle cables. Recommended to be used with a ADA Racing Cable Drum shown above.

Description	Cable Size	Part No.
Pump Mount Universal Throttle Cable Bracket	8mm	**53-3315**



JET WORKS 48MM BUTTERFLY

Description	Part No.
Jet Works 48mm Butterfly	**48-012**

**No butterfly screws are included.*



MOTOINE SOFT SPRING FOR MIKUNI CARBS

New Motoine Mikuni spring is 2/3 softer than original spring and reduces thumb and/or finger throttle fatigue.

Description	Part No.
Motoine Soft Spring	**MR-00013**



ADA RACING CABLE BRACKET FOR OEM CARBS

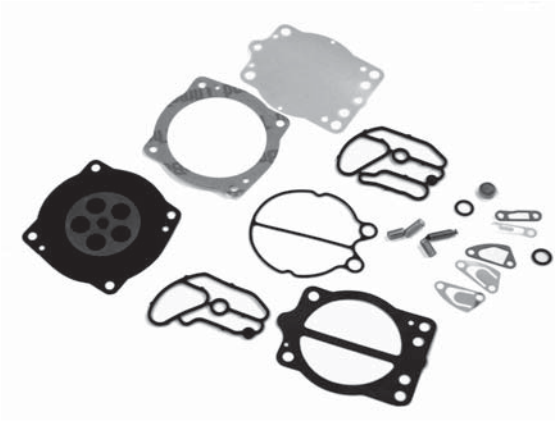
Kawasaki 750/800 throttle cable/choke cable bracket. For use with stock carbs when using the ADA Racing billet girdle head kit. This bracket has the throttle cable mount moved up, so it does not interfere with the girdle bracket.

Description	Part No.
ADA Bracket	**KA800BRK-CARB**

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KEIHIN GENUINE CARBURETOR REBUILD KITS

Kits include all necessary gaskets, diaphragms, and hardware required to rebuild Keihin carburetors.



Description	Part No.
38/40mm OEM Type & 42mm CDKII	**53-2103**

POLARIS • Hurricane 700 96-97, SL/SLT 700 96-97, SLH 700 96-97, SL900 96-97, SL/SLTX 1050 96-00, SLXH 1050 98-99, Genesis 99-00, 1200Pro 00, Virage/TX 00

KAWASAKI • JS440 91-92, JS550SX 91-95, 650TS 89-96, 650SC 90-95, 750SX 92-95, 750SXI 95, 750SS 92-98, 750XI 93-97, 750XIR 94, 750ST 94-95, 750STS 95-97, 750ZXI 95-98, 900ZXI 95-97, 900STX 97-99, 1100ZXI 96-97



Description	Part No.
28mm OEM Type	**53-2100**

KAWASAKI • J650 SX 1986-91 & 650 X-2 1986-91



KEIHIN FUEL PUMP REBUILD KIT

Includes all parts necessary to rebuild the Keihin fuel pump. Fits Kawasaki 650SX 1986-91, 650X2 1989-91.

Description	Part No.
Keihin Fuel Pump Rebuild Kit	**53-2105**

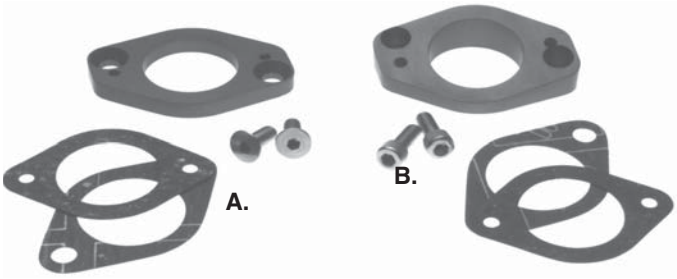


MIKUNI SBN CARBURETOR ADAPTERS FOR KEIHIN INTAKE MANIFOLDS

This adapter allows you to run a Mikuni SBN 44mm or 46mm carburetor on your Keihin intake manifold.

Note: You MUST bore your intake to match the new larger carburetor size.

Description	Part No.
Watcon Keihin Mikuni Intake Manifold Adapter	**ADPT-K**



KEIHIN CARBURETOR ADAPTERS FOR MIKUNI CARBURETOR MANIFOLDS

Description	Part No.
A. This adapter allows mounting of Keihin CDKII 38, 42 carburetor to any popular O.E. or aftermarket 44mm Mikuni intake manifold. **The carb will stand straight up when using this adapter - the carb is just rotated a few degrees to clear the adapter mounting bolts.*	**53-3305**

Description	Part No.
B. This adapter is designed to mount to the Keihin CDKII 38, 42 carburetor at an angle specifically for the Kawasaki JS440/550 piston port engine. **A short air filter is required for to prevent rubbing on the inside of the hood*	**53-3308**

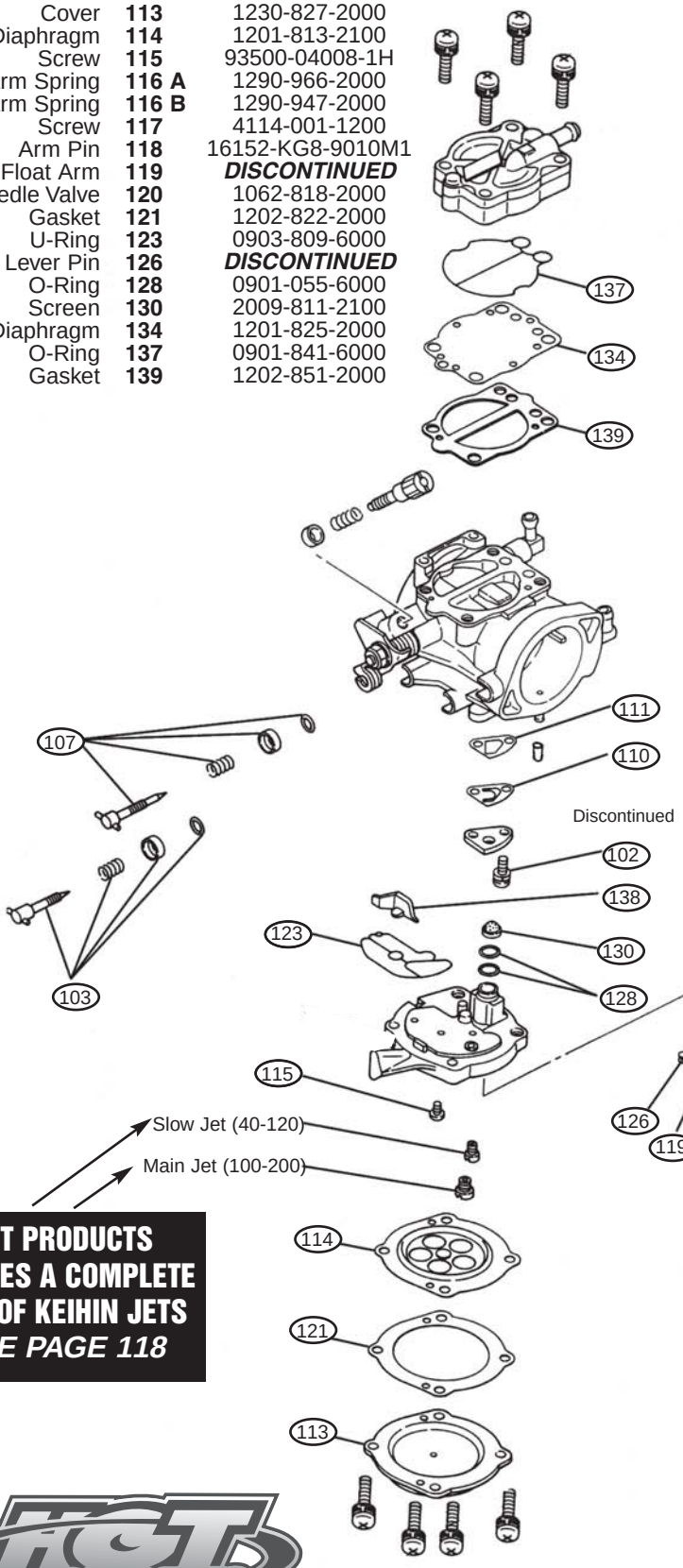
KEIHIN CARBURETOR JETS

Keihin Low Jets P/# (N424-35-size)		Keihin Main Jets P/# (N424-27-size)	Keihin Main Jets P/# (N424-36-size)	
40	88	150	100	150
42	90	155	102	152
45	92	160	105	155
48	95	165	108	158
50	98	170	110	160
52	100	175	112	162
55	102	180	115	165
58	105	185	118	168
60	108	190	120	170
62	110	195	125	172
65	112	200	128	175
68	115	(for CDCV)	130	178
70	118		132	180
72	120		135	182
75			138	185
78			140	190
80			142	195
85			145	200
			148	

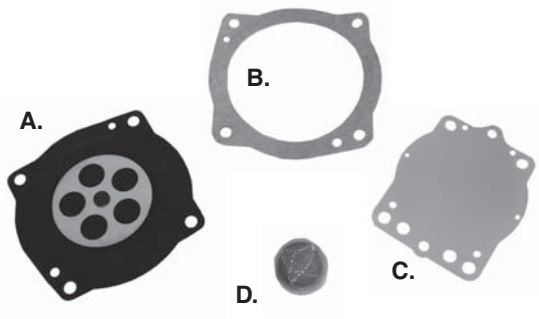
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GENUINE KEIHIN CARBURETOR PARTS

Description	Diagram	Keihin Part No.
Screw	**102**	N114-03060
Adjust Screw (Main)	**103**	***DISCONTINUED***
Adjust Screw (Slow)	**107**	Z014-0670
Check Valve	**110**	1242-809-2000
Gasket	**111**	1202-823-2000
Cover	**113**	1230-827-2000
Diaphragm	**114**	1201-813-2100
Screw	**115**	93500-04008-1H
Arm Spring	**116 A**	1290-966-2000
Arm Spring	**116 B**	1290-947-2000
Screw	**117**	4114-001-1200
Arm Pin	**118**	16152-KG8-9010M1
Float Arm	**119**	***DISCONTINUED***
Needle Valve	**120**	1062-818-2000
Gasket	**121**	1202-822-2000
U-Ring	**123**	0903-809-6000
Lever Pin	**126**	***DISCONTINUED***
O-Ring	**128**	0901-055-6000
Screen	**130**	2009-811-2100
Diaphragm	**134**	1201-825-2000
O-Ring	**137**	0901-841-6000
Gasket	**139**	1202-851-2000



HOT PRODUCTS CARRIES A COMPLETE LINE OF KEIHIN JETS
SEE PAGE 118



KEIHIN DIAPHRAGM & FILTER

Description	Part No.
A. Diaphragm Assembly	**1201-813-2100**
B. Gasket	**1202-822-2000**
C. Diaphragm	**1201-825-2000**
D. Screen Filter	**2009-811-2100**



CARB SCREW ADJUSTING TOOL

A special 90-degree screwdriver, designed to adjust carburetors of triple-cylinder watercraft.

Description	Part No.
Carb Screw Adjusting Tool	**08-0119**

KEIHIN ARM SPRINGS

Description	Part No.
42mm 40 gram	**1290-966-2000**
42mm 70 gram	**1290-947-2000**
40mm 40 gram	**1290-992-2000**
40mm 70 gram	**1290-961-2000**



ULTIMATE KEIHIN CARB GASKETS

Thick "Green" gaskets for Keihin carbs.

Description	Part No.
38mm	**9200**
40mm	**9205**
42mm	**9220**

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NOVI-TEC CARBURETOR KIT

The new Novi-Tec Generation III booster design offers precise and consistent tuning in all atmospheric conditions and minimizes sonic wave reverse fueling effects. The new design offers maximum performance by maintaining a high flow capacity for today's large displacement engines.

It is designed to create the most precise high-flow air/fuel delivery system available. The Novi-Tec Generation III design optimally meters air and fuel flowing into the combustion chambers to produce maximum power at all throttle ranges, virtually eliminating hesitation and bogging, while maximizing combustion efficiency.

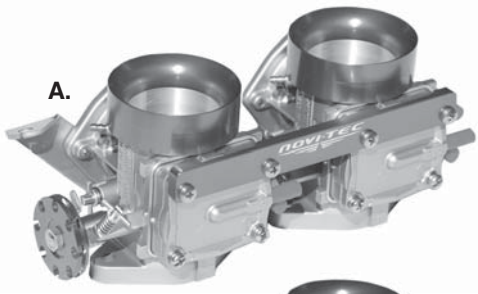
The new Novi-Tec PWC Carburetor with Generation III booster technology is virtually a mechanical "Smart Carb."

Yamaha	Part No.
A. Yamaha 701/760 Dual 48XR	**DY48XRF-S/S**

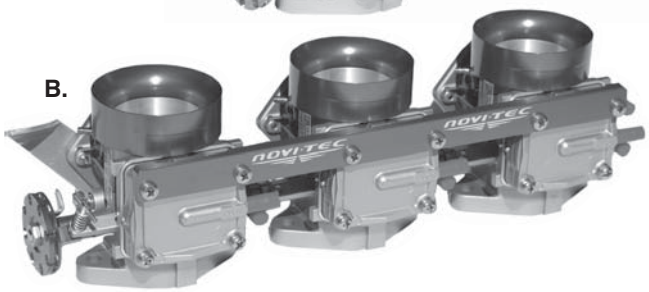
Kawasaki	Part No.
Kawasaki 750/800 Dual 48XR	**DK48XRF-S/S**
B. Kawasaki 1100/1200 Triple 48XR	**TK48XRF-S/S**

Generation III Booster Technology

A.



B.



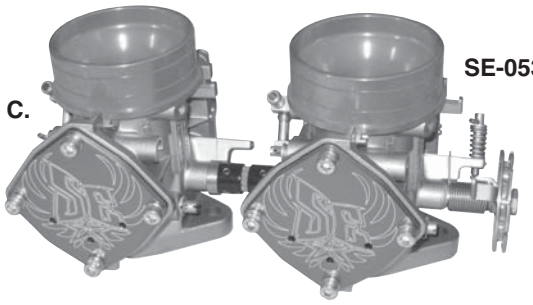
SE YAMAHA DUAL 50MM CARBURETOR

Sato Engineering (SE) has developed the industries largest Mikuni SBN carb kit, these new carbs are a huge 50mm. SE has tested these carbs on both Freestyle and Closed Course skis with huge performance gains. Available for both Yamaha and Kawasaki Dual Carb applications.

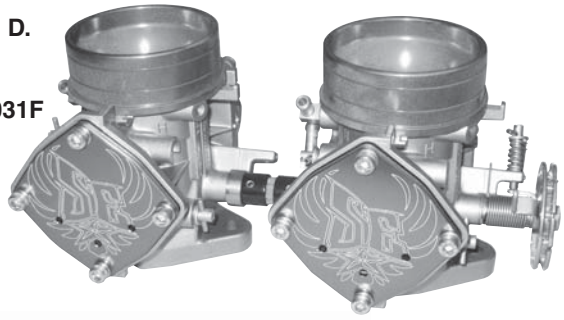
The Dasa Billet Intake manifolds* are required for these SE 50mm carbs and the intake manifold will need to be port matched to the 50mm size.
**Manifold not included.*

Description	Part No.
C. Yamaha Dual 50mm Carburetor (Red)	**SE-053051F-Y**
D. Kawasaki Dual 50mm Carburetor (Green)	**SE-053031F**

C. **SE-053051F-Y**



D. **SE-053031F**



DASA CARBURETOR

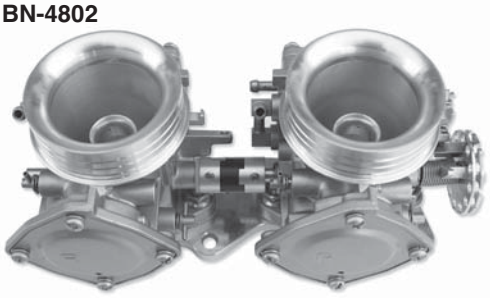
DASA starts with the Mikuni Super-BN Carburetors, each DASA Carburetor is machined and hand assembled to the Dasa specifications. At the heart of the carburetor is the DASA fuel atomizer, providing peak performance under all riding conditions. Hesitation and bogging are eliminated while delivering explosive acceleration and excellent top speed. Each carb kit includes a zero backlash coupler, throttle linkage and throttle drum.

Dasa recommends a Billet DASA Intake Manifold and the Hot Products Tornado Flame Arrestors.

Carb specs:
Twins will have: 135 P, 125 M, 2.5 N&S w/ 115gm spring
Triples will have: 140 P, 130 M, 2.5 N&S w/ 115gm spring

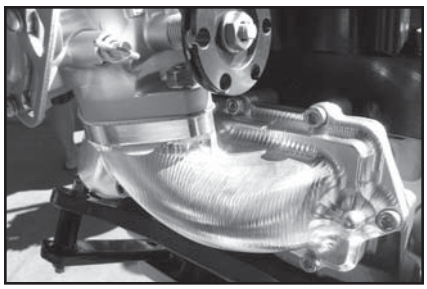
Description	Part No.
DASA Single Carburetor	**BN-4800**
DASA Dual Carburetor	**BN-4802**
DASA Triple Carburetor	**BN-4803**

BN-4802



Carburetor Plate Shown is Not Included

DASA Single Carb Set-Up



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HOT PRODUCTS KAWASAKI SINGLE MIKUNI CARBURETOR KITS

Kawasaki	Carb	Flame Arrestor	Part No.
650 SX/X2	Mikuni 44mm	Tau Ceti	**53-0650**
650 SX/X2	Mikuni 46mm	Tau Ceti	**53-0660**
750 All	Mikuni 44mm	Tau Ceti	**53-0820**
750 All	Mikuni 46mm	Tau Ceti	**53-0825**

All carburetor kits are assembled with the above listed Tau Ceti Pro Series Flame Arrestors, the filter size and shape is the best fit based on the watercraft model.



HOT PRODUCTS SEA-DOO DUAL CARBURETOR KITS

Sea-Doo	Carb	Flame Arrestor	Part No.
720	Mikuni 44mm	K&N	**53-0915**
720	Mikuni 46mm	K&N	**53-0916**
800	Mikuni 44mm	K&N	**53-0925**
800	Mikuni 46mm	K&N	**53-0966**

720 Kits also fit 650 & 580 Engines. Please specify for proper jetting.

All carburetor kits are assembled with the above listed K&N Filters or Tau Ceti Pro Series Flame Arrestors, the filter size and shape is the best fit based on the watercraft model.



HOT PRODUCTS YAMAHA AND KAWASAKI DUAL & TRIPLE MIKUNI CARBURETOR KITS

Yamaha	Carb	Flame Arrestor	Part No.
701 W/Rdr/760 (62T)	Mikuni 44mm	Tau Ceti	**53-0975**
701 W/Rdr/760 (62T)	Mikuni 46mm	Tau Ceti	**53-0974**
1100/1200	Mikuni 44mm	Tau Ceti	**53-0980**
1100/1200	Mikuni 46mm	Tau Ceti	**53-0992**

Kawasaki	Carb	Flame Arrestor	Part No.
750	Mikuni 44mm	Tau Ceti	**53-0830**
750	Mikuni 46mm	Tau Ceti	**53-0840**
1100	Mikuni 44mm	Tau Ceti	**53-0880**
1100	Mikuni 46mm	Tau Ceti	**53-0890**

All carburetor kits are assembled with the above listed Tau Ceti Pro Series Flame Arrestors, the filter size and shape is the best fit based on the watercraft model.

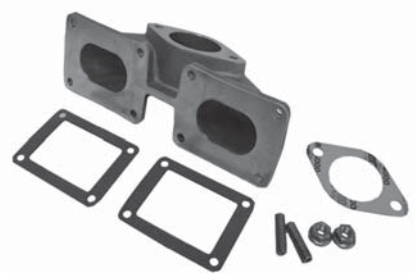
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SINGLE INTAKE MANIFOLDS FOR MIKUNI CARBURETORS



This billet single intake manifold will fit on Y701/760 cylinder. Designed for Moto Tassanari V-Force 2 Reeds, which are **NOT** included. Fits Mikuni 44-50mm carbs.

Yamaha	Part No.
DASA Billet Single Manifold	**IN-7004**



Includes carburetor mounting studs, nuts and gaskets.

Kawasaki	Part No.
650 All	**53-0651**



Includes carburetor mounting studs and nuts.

Kawasaki	Part No.
750 All	**53-0827**

DUAL INTAKE MANIFOLDS FOR MIKUNI CARBURETORS



Note: These manifolds are compatible with Moto Tassanari V-Force 3 Reed Sets based on the Reed stuffers that are supplied and match perfectly to these R&D intake manifolds.

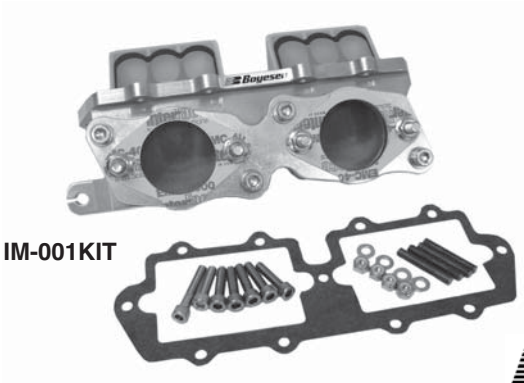


R&D SUPERJET INTAKE MANIFOLD KIT

Yamaha	Part No.
701(62T) W/Rdr/760 With Billet Carb. Plate for **OEM Reed** (Center to Center 120 mm)	**222-76000**
Mounting Plate Gasket	**12-0010**

R&D 800 SXR INTAKE MANIFOLD KIT

Kawasaki	Part No.
800SX-R with Billet Carb. Plate for OEM Reed (Center to center 120mm)	**231-75146**
Mounting Plate Gasket	**12-0010**



IM-001KIT

Note: *Kit includes (1) precision cast aluminum intake manifold, (2) "EV" RAD valves, (1) carb adapter plate and all necessary installation hardware.



IM-002AKIT



BOYESEN EXTREME VELOCITY SUPERJET INTAKE KIT & RAD VALVES

Yamaha	Part No.
701 Superjet 96-08, Extreme Velocity Intake Kit*	**IM-001KIT**
Extreme Velocity Intake Manifold Only	**IM001**
"EV" RAD Valves Kit (2 Valves per Kit)	**RAD-131A**
Replacement RAD Reed for RAD-131A	**PSR-131A**
IMK-001 Intake Manifold/Reed Gasket Only	**IMG-001**

BOYESEN EXTREME VELOCITY 800 SXR INTAKE KIT & RAD VALVES

Kawasaki	Part No.
800SX-R 03-08, Extreme Velocity Intake Kit*	**IM-002AKIT**
Extreme Velocity Intake Manifold Only	**IM002**
"EV" RAD Valves Kit (Single Valve)	**RAD-113**
Replacement RAD Reed for RAD-113	**PSR-131A**
IMK-001Intake Manifold/Reed Gasket Only	**IMG-002**

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DASA BILLET ALUMINUM DUAL YAMAHA INTAKE MANIFOLD KIT



Designed by the billet masters at DASA, this 6061 billet Dual intake manifold incorporates a "tipped or directional" reed design without the need of a spacer plate. What this results in is a boost in overall hp without a significant loss in low speed performance. Hardware included to fit 62T cases.

Yamaha	Part No.
DASA Billet Dual Intake Manifold Kit	IN-7002



HOT PRODUCTS SEA-DOO 580/650/720 DUAL INTAKE MANIFOLD

Works for both parallel and inline Mikuni carb applications.

Sea-Doo	Part No.
580/650/720	53-0923



R&D SEA-DOO 800 DUAL MANIFOLD

For use with Mikuni 44/46 and Keihin 38/40/42 carburetors.

Sea-Doo	Part No.
XP800	223-80000

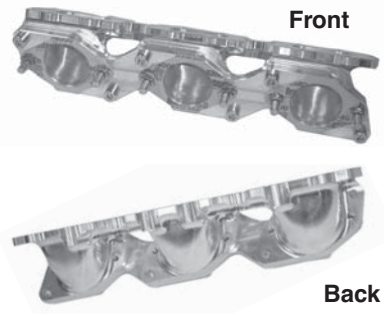
TRIPLE INTAKE MANIFOLDS FOR MIKUNI CARBURETORS



KOMMANDER KAWASAKI 1100/1200 INTAKE MANIFOLD

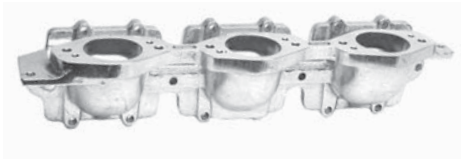
The new Kommander Kawasaki 1100 Triple intake manifold now features a speed plate for easier removal of the carbs. Designed to fit all 44mm thru 49mm Mikuni carbs. Supplied with all required hardware and gaskets.

Kawasaki	Part No.
Kommander Kaw 1100/1200 Intake Manifold	KOM-107-SP
Intake Manifold Replacement O-Ring	KOM-107-O-RING



DASA 1100/1200 BILLET INTAKE MANIFOLD

Description	Part No.
DASA 1100/1200 Billet Intake Manifold	KA-1101



R&D YAMAHA 1100 TRIPLE INTAKE MANIFOLD

Fits all 1100 Triple motors. Designed to fit all 44mm and 46mm Mikuni carbs. Supplied with all required hardware and gaskets.

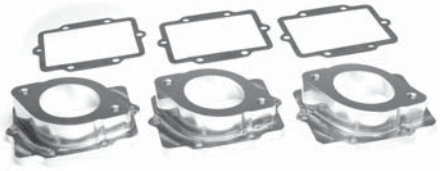
Yamaha	Part No.
R&D 1100/1200 (63M/65U) Intake Manifold	232-11000



WATCON 550 INTAKE MANIFOLD SPACER

This Watcon intake spacer will allow the proper clearance for the SBN 44/46mm carb to be installed on a JS440/550 stock intake manifold.
***Gaskets and Hardware not included.**

Kawasaki	Part No.
Watcon Intake Man. Spacer	K550-SPCR
Intake Manifold Gasket	5250



R&D STXR 1200/ULTRA 150 SPIGOT MOUNT BILLET INTAKE KIT

For Mikuni SBN 44, 46 or 48mm Spigot Mount Carb Applications

Kawasaki	Part No.
Ultra 150/STX-R Kit	231-15000

*Use with M-16 reed only



R&D GP 800/800R INTAKE MANIFOLD AND STUFFER KIT

Yamaha	Part No.
GP800 with stuffers	222-80000

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Carbon Tech



Sea Doo

CC	Model	Year	Performance Info	Part No.
951	All 951 models	97-06	Better mid & tpend for stock, limited and superstock motors: +4hp midrange,+2 top 206HT Highly modified motors for topend only	**206SS or 206HT**

Yamaha

CC	Model	Year	Performance Info	Part No.
650	All 650 models	89-96	Smoother powerband	**223LT**
701 with 61X CASE	Wave blaster	93-95	225LT Stock cylinder, single carb.	**225LT**
	Superjet	94-95		
	FXI	94-95		**or**
	PROVXR	93-94	225M Ported motors, single carb.	**225M**
	Waverunner III	94-95,97	225SS Ported motors, dual carbs	**225SS**
	Waveraider	96-97		
701 with 62T CASE	Waveraider	94-95	202LT +3HP in midrange: for limited and stock motors	**202LT**
	Waveblaster	96		
	Superjet	96-09		
	Wave Venture	95-98		
	XL 700	99-04		
760	All 760 Models	96-00	202LT +3 HP in mid, +2HP top end for limited and non-ported rec boats	**202LT**
800	GP800	98-00	Better miderange & topend for stock	**266HT**
	GP800R	01-05	Limited & superstock motors: Gives 100 RPM=1 MPH (tested by Pro-Tec)	
	XL/XLT 800	00-04		
1100	All 1100 models	95-97	Better midrange	**302LT**
1131	GP1200	97-99	*+3 HP mid to top: limited racing	**338LT**
	XL1200	98-99	Top end: only choice for fuel Ing.	**338HT**
	SUV1200	99-04		
1176	XL1200ltd	99-00	Stock motors, single pipe motors	**366HT**
	XLT1200	01-05	Single pipe, limited triple pipe	**366SS**
	GP1200R	00-02		
1296	GP1300R	03-08	Stock motors, single pipe motors	**366HT**
			Single pipe, limited triple pipe	**366SS**

Kawasaki

CC	Model	Year	Performance Info	Part No.
550	ALL 550	91-95	Smother powerband	**239LT**
650	ALL 650	86-96	Improved low to midrange	**212LT**
743	ALL 750	92-02	Better low & mid: stock & limiteds	**238LT**
			Superstock & ported motors	**238SS**
			High RPM, stroked or fuel injected	**238HT**
782	800 Motor	03-09	Better low & mid: stock & limiteds	**238LT**
			Superstock & ported motors	**238SS**
			High RPM stroked or fuel injected	**238HT**
891	ALL 900 MOTORS	95-06	Better midrange and bottom end	**338LT**
1071	ALL 1100 MOTORS	96-04	Better low & mid: stock & limiteds	**338LT**
			High RPM, stroked or fuel injected	**338HT**
1176	Ultra 150	99-05		**338LT**
	1200STXR	04-05		**338HT**



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BOYESEN POWER REEDS

- The unique dual-petal design
- Quicker acceleration, throttle response and speed.
- Dual-flex epoxy fiber material for maximum longevity and reliability.

Yamaha	Part No.
500 All	022
650 Super Jet	023
650 Wave Runner (All)	023
701 Wave Raider (All)	024
701 FX1 (94-95)	024
701 Pro-VXR (93-94)	024
701 Super Jet (94-95)	024
Wave Blaster (93-95)	024
Wave Raider (Single Carb) (96)	024
Wave Runner III (94-97)	024
701 Super Jet (96-12)	026
Wave Blaster (96)	026
Wave Raider (94-96)	026
Wave Raider DLX (95-96)	026
Wave Runner XL (99-04)	026
Wave Venture (95-98)	026
GP760(97-00), 760 Waves All (95-99)	029
1100 All (95-97)	028
GP1200(97-99), SUV1200(99-04)	033
XL1200(98)	033

Kawasaki	Part No.
550SX (91-95)	014
650SX/X2/SC/SS/ST/TS (All)	012
750SX/SXI/SXI-Pro (All)	013
750SS/STS/XI/ZXI (All)	013
800 SX-R (03-12)	013
900ZXI (-97), STX (97-01), STS (01)	020
1100ZXI/STX (96-03)	021
Ultra 130 (01-04)	036
STX-R 1200 (02-05), Ultra 150 (99-05)	021

Polaris	Part No.
650 All (92-95)	016
SL750 (93-95), SLT750 (94-95)	016
SL780 (96-97), SLT780 (96-97)	016
SLT780 (96-97), SLX780 (96)	016
SLX785 Pro (97-01)	016
700 All (-02)	013
Octane (02-04)	013
800 DI (02-04)	013
Hurricane (96-97)	013



BOYESEN PRO SERIES REEDS

- Quicker acceleration for that all important holeshot.
- Crisper mid-range allowing you to pull that extra boat length.
- Carries RPMs further past peak allowing you to run that steeper pitched impeller for increased top end.
- Easy starting and smoother idling for those dreaded no-wake zones.
- Increased life over traditional carbon fiber reeds.

Yamaha	Stock/Limited	Hi-Performance
700 Wave Raider (All)	—	PRO-35
701 FX1 (94-95)	—	PRO-35
701 Pro-VXR (93-94)	—	PRO-35
701 Super Jet (94-95)	—	PRO-35
701 Super Jet (96-12)	PRO-36	PRO-37
Wave Blaster (93-95)	PRO-36	PRO-37
Wave Blaster (96)	PRO-36	PRO-37
Wave Raider (94-96)	PRO-36	PRO-37
Wave Raider, Single Carb (96)	—	PRO-35
Wave Raider DLX (95-96)	PRO-36	PRO-37
Wave Runner III (94-97)	—	PRO-35
Wave Runner XL (99-04)	PRO-36	PRO-37
Wave Venture (95-98)	PRO-36	PRO-37
GP760 (97-00)	PRO-38	PRO-39
760 Waves All (96-99)	PRO-38	PRO-39
1100 All (95-97)	PRO-40	—
GP1200 (97-99), GP1200R (99)	PRO-77	PRO-78
SUV1200 (99-04), XL1200 (98)	PRO-77	PRO-78

Kawasaki	Stock/Limited	Hi-Performance
750 All	PRO-24	PRO-25
800 SX-R (03-12)	PRO-24	PRO-25
900 All (-96)	PRO-76	—
1100 All (96-03)	PRO-57	—
Ultra 150/STX-R1200 (99-05)	PRO-57	—

Polaris	Stock/Limited	Hi-Performance
700 All (thru 04)	PRO-26	PRO-27
Octane (02-04)	PRO-26	PRO-27
750 All (93-95)	—	PRO-29
780 All (98-97)	—	PRO-31
785 SLX Pro (97-01)	—	PRO-31



BOYESEN REED VALVE STUFFER KIT

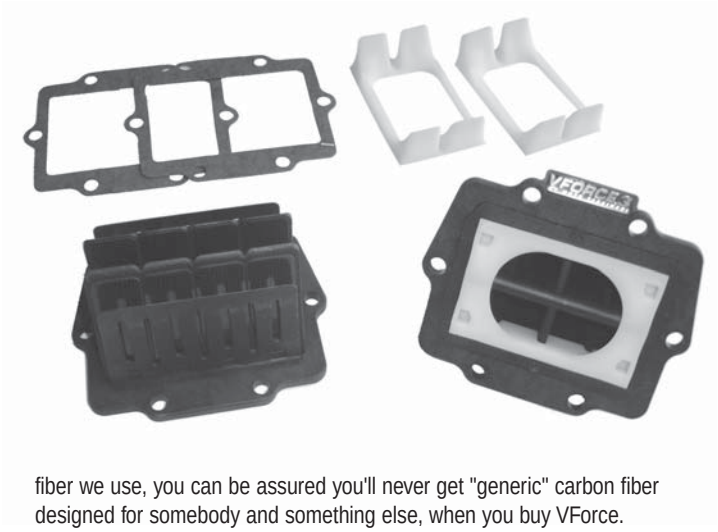
Kit includes a complete engine set of Boyesen 3D Reed Valve Stuffers and Boyesen PRO Series reeds.

Yamaha	Part No.
Reed Valve Stuffer Kit GP1200R (00-02), XL/XLT 1200 (99-05), GP1300R (03-08)	RSK-306
Replacement Reed *Must use with Boyesen Stuffer	PRO-128

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MOTO TASSINARI VFORCE3

THE FEATURES AND BENEFITS OF VFORCE TECHNOLOGY



The VForce3 Reed Valve System incorporates features you won't find with other system on the market. With such features as twice the reed tip surface, radius cage surface, snap-together construction, proprietary carbon fiber recipes and more. By doubling the reed tip surface the petals now only need to open half as far to have the same flow as a stock style cage. This is a significant advantage when you factor in that a reed petal opens and closes 133 times per second at 8,000 rpm. The petals are only traveling half the distance of a stock style cage, so now fatigue to the petal has been greatly reduced, increasing petal life. This design also enables the valve to drastically improve the entire powerband with a significant boost in the bottom and mid. Instant throttle response is an understatement! The petals now sit on a radius surface to create a "pre-loading" effect that improves an already snappy acceleration. Our new cage design now allows the reed petal tips to be recessed into the cage itself. This allows for a cushioning of the reed tips and also discourages the possibility of any back-flow.

SYMMETRICAL REED PETALS:
The VForce3 now uses symmetrical reed petals for both the inner and outer reed petals. No longer will you need to be concerned with having both “inner” and “outer” reed petals.

SNAP-TOGETHER CONSTRUCTION:
The VForce3 Reed Valve System incorporates the industry's first and only patented snap together reed valve design. The entire assembly is completely screw free, meaning that when reed petals need changing the job is now literally a “SNAP”.

CUSTOM AIR-GUIDES:
Custom air guides specific to each individual application ensure the maximum airflow and performance benefits of the VForce3 reed valve system in your pwc.

PROPRIETARY CARBON LAY-UP:
Moto Tassinari continues to test and develop new "recipes" for our carbon fiber used in the VForce3 Reed Valve system. In fact Moto Tassinari specs our own exclusive recipes for all the carbon fiber we use, you can be assured you'll never get "generic" carbon fiber designed for somebody and something else, when you buy VForce.

TWICE THE REED TIP SURFACE:
The unique and proven design of the VForce3 Reed Valve System doubles the available reed tip surface over a conventional reed valve design. By doubling the effective reed tip surface it enables the engine to get more air with less effort. The number one rule in two-stroke motor modification is More Air = More Horsepower.

AIRFOIL TECHNOLOGY:
The new reed cage design on the VForce3 Reed Valve system incorporates airfoil shaped (flat on bottom/curved on top) reed tip surfaces which in turn increases the velocity of the fuel/air mixture as it passes through and over, creating the optimum fuel atomization.

Yamaha	VForce 3	Repl. VForce 3 Pedal	Repl. VForce 3 Gasket
All Yam Triples*	V3140-794-3	3P794A	G3140**
All Yam Twins*	V3140-794-2	3P794A	G3140**

**Not compatible for older WaveBlasters and GPR (Power valve cylinders) applications.*
***Gaskets are sold individually.*

Kawasaki	VForce 3	Repl. VForce 3 Pedal	Repl. VForce 3 Gasket
All Kaw Triples	V3150-794-3	3P794A	G3150**
All Kaw Twins	V3150-794-2	3P794A	G3150**

***Gaskets are sold individually.*

Polaris	VForce 3	Repl. VForce 3 Pedal	Repl. VForce 3 Gasket
Octane 777	V3130-794A-2	3P794A	—

***Gaskets are sold individually.*

VFORCE DELTA 2



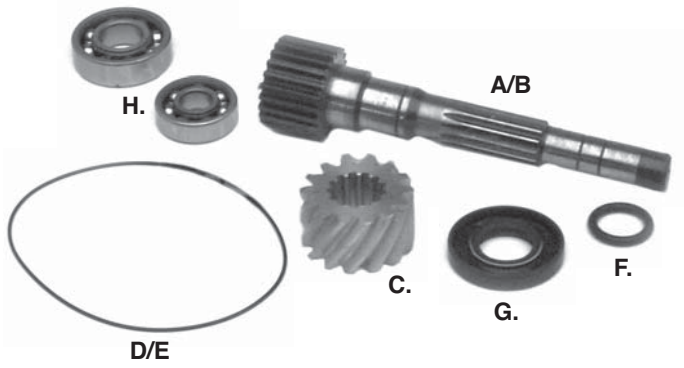
Sea-Doo	VForce Delta 2	Delta 2 Repl. Pedal	Delta 1 Repl. Pedal (97-99)	Repl. Gasket
GSX/GTX/XP 951	V2W121-2	2P127-1	DP120-1	6755**
Polaris				
SL650,SL/SLT750 SLX780/785 Pro	V2W131-3	2P117-1	----------	4050**
SL900/SLTX1050	V2W132-3	2P117-1	----------	4050**
Yamaha				
All Yamaha Triples	V2W140-3	2P127-1	DP120-1	4430**
All Yamaha Twins***	V2W140-2	2P127-1	DP120-1	2830**
****Except older Blasters*				
Kawasaki				
All Kawasaki Triples	V2W150-3	2P127-1	DP120-1	MT6150**
All Kawasaki Twins	V2W150-2	2P127-1	DP120-1	MT6150**

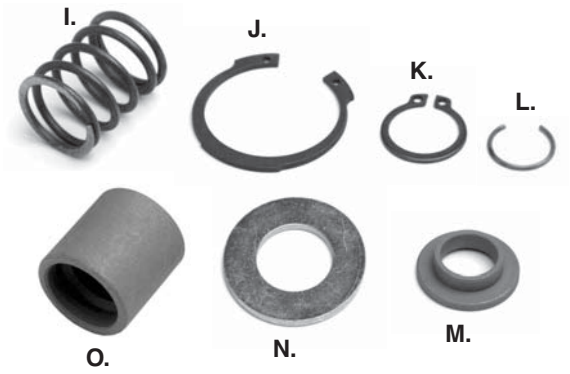
***Gaskets are sold individually.*

- Sold as complete kit per engine.

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ROTARY VALVE PARTS







ROTARY VALVE TIMING WHEEL

Sea Doo	Part No.
Hot Products Rotary Valve Timing Wheel	**012-170**



ROTARY SHAFT PULLER

Special rotary shaft puller tool for Sea-Doo PWC.
Fits: Most 580cc, 650cc, 720cc, and 800cc Sea-Doo engines.
(6mm thru bolt included)
**Lubrication of all areas is required before using this tool*

Sea Doo	Part No.
Rotary Shaft Puller	**B-204**

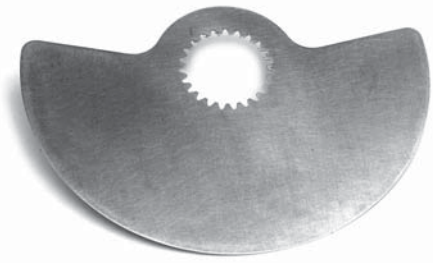
SEA-DOO ROTARY VALVE SHAFT AND PARTS

	Descriptions	OEM#	Part No.
A.	Rotary Valve Shaft 580/650/720	293-837-251	**010-455**
B.	Rotary Valve Shaft 800	290-837-351	**010-457**
C.	Rotary Valve Shaft Gear only (14 teeth) 580/650/720/800 (89-up)	420-935-735	**010-450**
D.	Rotary Cover O-Ring 580/650/720	293-300-023	**6250**
E.	Rotary Cover Manifold O-Ring 800	290-831-765	**6628**
F.	Rotary Shaft O-Ring 580/650/720/800	293-300-024	**6260**
G.	Rotary Shaft Oil Seal 580/650/720/800	290-930-580	**009-779**
H.	Rotary Shaft Bearing 580/650/720/800	290-932-032 290-932-797	**010-225** **010-226**

	Descriptions	OEM#	Part No.
I.	Rotary Shaft Spring 580/650/720/800	290-938-810	**010-453**
J.	Rotary Shaft Snap Ring - Large 580/650/720/800	290-845-260	**010-483**
K.	Rotary Shaft Snap Ring - Small 580/650/720/800	290-932-032	**010-482**
L.	Rotary Shaft C-Clips 580/650/720/800	290-845-160	**010-454**
M.	Rotary Spring Holder 580/650/720/800	420-827-430	**010-484-01**
N.	Rotary Bearing Washer 580/650/720/800	420-227-439	**010-459**
O.	Rotary Shaft Barrel 580/650/720/800	290-847-282	**010-484**

WSM PERFORMANCE PARTS

STAINLESS STEEL ROTARY VALVES



Model	Year	Opening Duration	Part No.
580 All	94-96	147°	**006-147**
650 All	94-95	159°	**006-159**
720	95-02	159°	**006-159**
785	95-02	159°	**006-159**



SUTIWAS "SAM" CHAISIRIVICHIEAN
MOTOR FIELD THAILAND • 2012 KING'S CUP

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BLOWSION FUEL FILLER FOR YAMAHA SUPERJET AND POLARIS OCTANE

Description	Part No.
Billet Dual Pick Up	01-02-502
Billet Single Pick Up	01-02-501



BLOWSION FUEL FILLER FOR KAWASAKI SX/SXI/SXI-PRO/SX-R

Description	Part No.
Billet Dual Pick Up	01-02-506



BLOWSION RACING FUEL PICKUP FOR KAWASAKI SX/SXI/SXI-PRO/SX-R

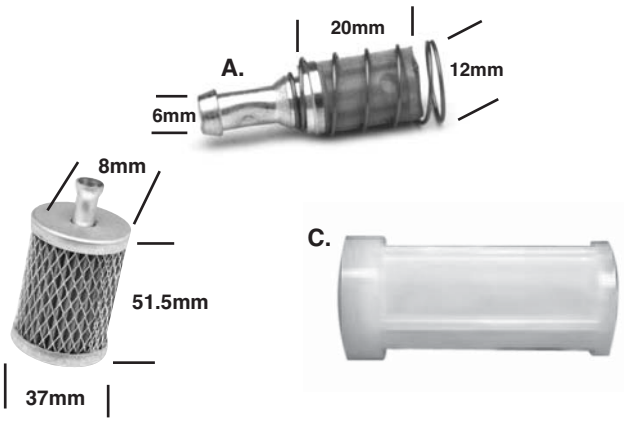
Description	Part No.
Billet Dual Pick Up	01-02-507



FUEL PICKUP FOR KAWASAKI 1100 SXR CONVERSION & ZXI/STX-R

Provides maximum fuel flow to triple carbs applications. Used by the top Professional Racers for conversion Race Ski applications.

Description	Color	Part No.
1100 SXR/ZXI/STX-R Fuel Pickup	Silver	53-9957
1100 SXR/ZXI/STX-R Fuel Pickup	Black	53-9958



FUEL TANK FILTER

Description	Part No.
A. Universal Fuel Tank Filter (Replaces Sea-Doo #275-500-005)	53-9946
B. Universal Fuel Tank Filter (Replaces Yamaha #8H5-224560-00)	006-516
C. Sea-Doo Fuel Filter Tank Filter (Replaces Sea-Doo #275-500-089)	006-510











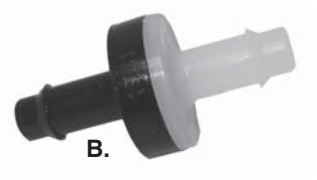


BLOWSION FUEL PICKUP INTERNAL FILLER

Introducing the new Blowsion Yamaha Fuel Pickup. Designed with the option for use as a single, dual and triple pickup this billet beauty is the lowest profile and lightest weight internal fuel filler available. Features include heavy duty O-ringed tank and fuel cap seals, machined aluminum fuel pickup tubes for retrieving fuel under the most insane water action. Pickup tubes can also be trimmed and used for reserve line, return line or tank vent, depending on carburetor setup and fuel demands needed. Each filter included block off plugs for single carbs or OEM Yamaha carbs as well as a Blowsion front rubber tank block off.

Description	Color	Part No.
Blowsion Yamaha Fuel Pickup	Black	01-02-494
Blowsion Yamaha Fuel Pickup	Clear (Silver)	01-02-495
Blowsion Yamaha Fuel Pickup	Red	01-02-496
Blowsion Yamaha Fuel Pickup	Blue	01-02-497
Blowsion Yamaha Fuel Pickup	Green	01-02-498
Blowsion Yamaha Fuel Pickup	Orange	01-02-499





ONE WAY CHECK VALVE

One way vent valve allows air to travel in one direction only. 1/4" Fuel Line.

Description	Color	Part No.
A. One Way Check Valve 1/4" Hose Barb	Red	53-9941
B. One Way Check Valve 1/4" Hose Barb	Blk/Wht	CV-14B

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RIVA HIGH VOLUME FUEL FILTER

3/8" Fuel Line.

Description	Part No.
3/8" RIVA High Volume Filter	RY0503



2" SLIMLINE FUEL FILTER WITH BRONZE ELEMENT

Clear nylon housing and bronze 75 Micron Element. 2" length. 1/4" Fuel Line.

Description	Part No.
2" Slimline with Bronze	53-9952
Retail Sales Display Card with 20 Filters	53-9952D



3" SLIMLINE FUEL FILTER WITH POLYESTER ELEMENT

Lightweight high flow 90 Micron Polyester Element. 3" length. 1/4" Fuel Line.

Description	Part No.
3" Slimline with Polyester	53-9953
Retail Sales Display Card with 20 Filters	53-9953D



HOT PRODUCTS IN-LINE OIL FILTER

75 Micron Stainless Steel Element. 1.3" diameter, 1/4" Fuel Line. This filter works with fuel and oils. Perfect protection for oil pumps and oil injection engines.

Description	Part No.
Stainless Steel Filter	53-9943
Retail Sales Display Card with 20 Filters	53-9943D



HIGH-CAPACITY HIGH FLOW FUEL FILTER

80 Micron Paper Element. 1.6" diameter, 1/4" Fuel Line.

Description	Part No.
High Flow Paper Filter	53-9945
Retail Sales Display Card with 20 Filters	53-9945D



RIVA OE REPLACEMENT FUEL FILTERS

OE replacements fit stock mounting bracket in all Yamaha watercraft these fuel filters also serve as a water separator protecting the motor from water damage

Description	Part No.
OE Replacement Filter (all except 66V/E)	RY-0501
OE Replacement Filter 66V/E	RY-0502





QUICK DISCONNECT RESTRICTOR

Mikuni main jets thread into the billet part of the restrictor. This kit is used on the return lines of carburetors to fine tune fuel pump pressures.

Description	Part No.
Quick Disconnect Restrictor 1/4"	QD-14



Recommended Main Jets:

Stock Carbs for 1200 (66V)	105
Novi Carbs for 1200 (66V)	100-120
Novi Carbs for 701 (61X)	100-120

RIVA FUEL RETURN LINE RESTRICTOR 1/4" LINE

Designed to improve throttle response and reduce lean conditions in power band, the RIVA Fuel Return Line Restrictor installs into fuel return line between carburetors and fuel tank, restricting fuel return rate, increasing pressure to carburetors. Precision-machined billet restrictor is threaded to accept a Mikuni Main Jet (not included) to match your application. For use with OEM and aftermarket carburetors.

Description	Part No.
Fuel Return Line Restrictor	RY12-RLR-14



UNIVERSAL FUEL VALVE

This fuel valve has 3 positions: on, off and reverse

Description	Part No.
Universal Fuel Valve 3 Positions	006-600

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HOT PRODUCTS PRIMER KITS



53-9920 - Single Mikuni Primer Kit Shown

A cure for hard-starting motors. Draws fuel from the fuel line to give the carburetor a blast of fuel for easy starting. Eliminates chokes and adds to battery life. A must on high-performance modified carburetors with eliminated chokes. Hot Products primers are assembled with top-quality materials and include 9 feet of 1/8" blue primer hose to fit sit down craft. USA made top-quality plunger, brass "T" fittings, spigot, caps and zip ties.

Plunger Primer Kit	Part No.
Mikuni Primer Kit Single	**53-9920**
Mikuni Primer Kit Dual	**53-9928**
Mikuni Primer Kit Triple	**53-9922**
Keihin Primer Kit Single	**53-9925**
Keihin Primer Kit Dual	**53-9929**
Keihin Primer Kit Triple	**53-9924**

HOT PRODUCTS PRIMER KIT BREAKDOWN BY PART NUMBER AND QUANTITY PER ITEM

Primer Kit Part No.	Item Description Item Part No.	Plunger Primer 53-9910A	Primer Line 53-9980	1/4x1/4x1/8 "T" 64-0017	1/8x1/8x1/8 "T" 64-0015	Mikuni Fittings 53-9921	Keihin Fittings 53-9926	Zip Ties See Pg. 234
53-9920	MIKUNI SINGLE	1	9FT	1	0	1	0	3
53-9928	MIKUNI DUAL	1	9FT	1	1	2	0	6
53-9922	MIKUNI TRIPLE	1	9FT	1	2	3	0	6
53-9925	KEIHIN SINGLE	1	9FT	1	0	0	1	3
53-9929	KEIHIN DUAL	1	9FT	1	1	0	2	6
53-9924	KEIHIN TRIPLE	1	9FT	1	2	0	3	6

HOT PRODUCTS PRIMER KIT REPAIR PARTS

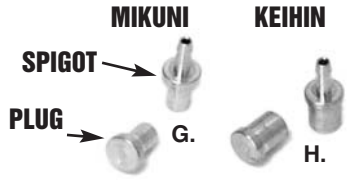
53-9910A Plunger Primer



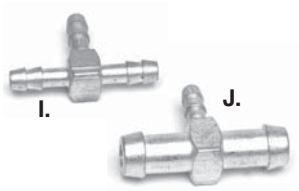


53-9915 Button Primer

Primer Kit Parts Only	Part No.
Plunger Primer Only	**53-9910A**
Button Primer Only	**53-9915**

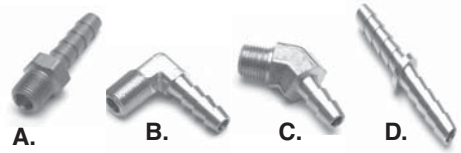


Spigot & Plug Kit



Brass T Fitting

Primer Kit Parts Only		Part No.
G.	Mikuni Brass Spigot & Plug Kit	**53-9921**
	Mikuni Brass Plug Only	**53-9921B**
H.	Keihin Brass Spigot & Plug Kit	**53-9926**
	Keihin Brass Plug Only	**53-9926B**
I.	Brass T for Dual 1/8 x 1/8 x 1/8	**64-0015**
J.	Brass T for Primer 1/4 x 1/4 x 1/8	**64-0017**
	Primer Line 1/8" (Sold per foot) *Color Blue*	**53-9980**



1/4" HOSE BRASS FITTINGS

Description	Part No.
A. Straight: 1/8" Thread 1/4" Hose	**64-0001**
B. 90 Deg: 1/8" Thread 1/4" Hose	**64-0010**
C. 45 Deg: 1/8" Thread 1/4" Hose	**64-0065**
D. Barb Connector 1/4" I.D.-1/4" I.D.	**64-0057**



PRESS IN NIPPLE

Description	Part No.
1/8" Straight	**53-9936**
1/4" Straight	**53-9937**



PLASTIC "Y" FITTINGS

Description	Part No.
1/4" X 1/4" X 1/4" (White)	**64-0046**
1/4" X 1/4" X 1/4" (Black)*	**64-0047**

Reinforced with Crossbar

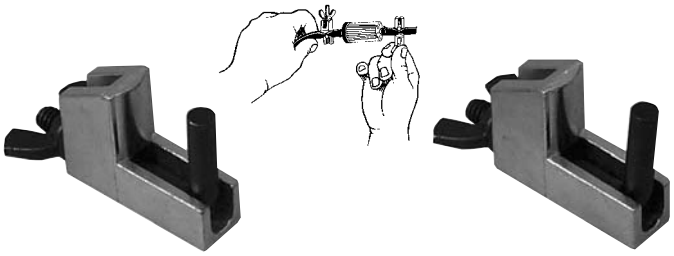
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1/4” FUEL LINE & 1/8” PRIMER LINE

Our fuel and primer line is made from a thick walled polyurethane tubing. Both the fuel and primer line is clear blue. Sold per foot or 25 feet packages.

Description	Part No.
Fuel (1/4") per foot	53-9970
Fuel (1/4") - 25 foot package	53-9970-25
Primer Line (1/8") per foot	53-9980
Primer Line (1/8") per foot - 25 foot package	53-9980-25



HOSE PINCHERS

Quick, easy way to pinch off fuel lines, etc, without damaging the fuel line. Sold two per set.

Description	Part No.
Hose Pinchers	LS22850



HOSE SHEARS

Simply Scissor-action cutter for hose. Cuts clean, straight and no damaged hose ends. A must have tool for every toolbox.

Description	Part No.
Hose Shears	12-0013



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FUEL LINE Q/D W/SHUT-OFF VALVE
for 1/4" fuel line

Description	Part No.
Fuel Line Q/D w/Shut-off Valve	53-9951



HOSE PINCHER

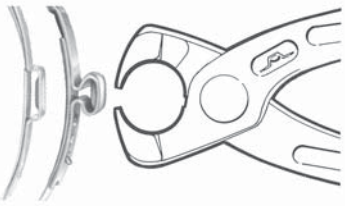
Clamps and holds hoses up to 3/4” inside diameter. Angled jaws close to create a complete seal every time. Jaws are offset for hard-to-reach areas. The handles lock firmly to hold the jaws in closed position.

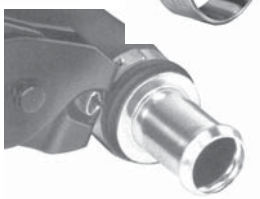
Description	Part No.
Hose Pinchers	LS23000

Fast, Easy, Strong and Secure Installation



Pincer Tool Part # 12-0024







Fast & Easy Removal

SQUEEZE ON STAINLESS STEEL LOW PROFILE CLAMPS

Oetiker Stepless Ear Clamps, due to the reinforcing ‘dimple’ in the ear, hold against pressure and vibration or hose shrinkage due to temperature changes. A built-in spring action permits the clamp to “breathe” without loosening, the need to retighten is eliminated. Once installed, any tampering is easily visible, making this an excellent clamp for service or security applications.

Description	Clamp Size mm	Part No.
Pincer Tool	-	12-0024
Clamp for 1/4” Fuel Line Hose (10/pack)	11.3mm	59-4014
Clamp for 1/4" Fuel Injector Hose (10/pack)	14.5mm	59-4016
Clamp for 3/8" Water Line (10/pack)	17mm	59-4017
Clamp for 1/2" Water Line (10/pack)	21mm	59-4018

100 Clamp Packs	Clamp Size mm	Part No.
Clamp for 1/4” Fuel Line Hose (100/pack)	11.3mm	59-4014-100
Clamp for 1/4" Fuel Injector Hose (100/pack)	14.5mm	59-4016-100
Clamp for 3/8" Water Line (100/pack)	17mm	59-4017-100
Clamp for 1/2" Water Line (100/pack)	21mm	59-4018-100

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RACING FLAME ARRESTORS

(without Cotton Media)

Experience increased horsepower and engine protection with K&N Personal Watercraft flame arrestors for both normal and race applications. K&N "RACING ONLY" flame arrestors have an epoxied screen filter that does not have the cotton media.

K&N flame arrestors replace the restrictive factory airbox. In most cases an adapter is required (for adapters see pages 30 & 31) to mount the flame arrestor onto the carburetor. Some watercraft may require a slight adjustment to the carburetor's fuel circuits to allow for optimum performance.

4" Tall



59-2040R
STAINLESS TOP



59-2040RK
COMPOSITE TOP

Height	Top Color	Part No.
4”	Black Composite	**59-2040RK**
4”	Stainless Steel	**59-2040R**
Outerwears Water Repellent Pre-Filter		**WR145-10-4DT**

2-1/2" Tall



59-2042R
CHROME TOP



59-2042RK
COMPOSITE TOP

Height	Top Color	Part No.
2-1/2”	Black Composite	**59-2042RK**
2-1/2”	Chrome	**59-2042R**
Outerwears Water Repellent Pre-Filter		**WR145-115-25DT**

2-3/4" Tall



Height	Top Color	Part No.
2-3/4”	Black Composite	**59-2046**
Water Repellent Pre-Filter		**WR125-2DT**

Outerwears Racing Accessories

The Outerwears Pre-filter is an excellent solution to prevent water from entering into the engine without restricting air flow or causing a loss in performance. An Outerwears Pre-Filter is designed to be water repellent and will reduce the risk of water entering through an air intake system. Outerwears offers water repellent pre-filters for K&N, Tau Ceti, ProK and R&D performance air filters and flame arrestors.

G.





A. B. C. D. E. F.

	Description	Flame Arrestor Type	Part No.
A.	4.25" x 3" Taper/4" Tall	K&N 59-2040R/RK	**WR145-10-4DT**
B.	4.25" x 3.5" Taper/2.5" Tall	K&N 59-2042R/RK	**WR145-115-25DT**
C.	4" dia/1.75" Tall	Tau Ceti 53-4270	**WR125-15DT**
D.	4" dia/2.25" Tall	Tau Ceti 53-4272. ProK	**WR125-2DT**
E.	4" dia/2.25" Tall (Open Top)	Tau Ceti 53-4272, ProK	**WR125-225**
F.	4" x 3" Taper/3.5" Tall	Tau Ceti 53-4275	**WR125-10-35DT**
G.	Pro-Lock SD951/2.5" Tall	R&D 203-95000	**WR30-25DTPRO**



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Hot Products



HP 2 1/2" TORNADO SERIES FILTERS

Description	Filter Top Color	Part No.
Hot Products Tornado Filter 2 1/2"	Silver	53-4274-SIL
Hot Products Tornado Filter 2 1/2"	Black	53-4274-BLK
Hot Products Tornado Filter 2 1/2"	Blue	53-4274-BLU
Hot Products Tornado Filter 2 1/2"	Green	53-4274-GRN
Hot Products Tornado Filter 2 1/2"	Red	53-4274-RED
Tau Ceti Water Repellent Pre-Filter	Black	PFTCP-25
Outerwears Water Repellent Pre-Filter Clear Top	Black	20-2761-01/HOTP



HP 2" TORNADO SERIES FILTERS

Description	Filter Top Color	Part No.
Hot Products Tornado Filter 2"	Silver	53-4273-SIL
Hot Products Tornado Filter 2"	Black	53-4273-BLK
Hot Products Tornado Filter 2"	Blue	53-4273-BLU
Hot Products Tornado Filter 2"	Green	53-4273-GRN
Hot Products Tornado Filter 2"	Red	53-4273-RED
Outerwears Water Repellent Pre-Filter Clear Top	Black	20-2760-01/HOTP

HOT PRODUCTS TORNADO SERIES FILTERS

Manufactured by:



The all new Hot Products Tornado Series Filters by Tau Ceti is the newest performance filter available for the PWC performance industry. The new Tornado Series Filters feature a velocity cone with proprietary designed air channels to increase the air flow into the induction system. These filters are made using the same top quality materials as the Tau Ceti Pro Series Filters. The velocity cone is clear/smoke color and the filter top features an aluminum filter top ring.

The universal rubber mount will fit any personal watercraft with a stock carburetor using the appropriate adapter (for adapters see pages 120 & 121). No re-jetting is necessary on stock boats. Each filter includes a stainless steel filter clamp for installation.

All filters will function with the OEM Carb Chokes if applicable. Choke removal is not required.



HP 1 1/2" TORNADO SERIES FILTERS

Description	Filter Top Color	Part No.
Hot Products Tornado Filter 1 1/2"	Silver	53-4271-SIL
Hot Products Tornado Filter 1 1/2"	Black	53-4271-BLK
Outerwears Water Repellent Pre-Filter Clear Top	Black	20-2762-01/HOTP





OUTERWEARS WATER REPELLENT PRE-FILTERS

These new Outerwears Pre-Filters are specially designed for Hot Products Tornado Series Filters and feature a clear top, with black water repellent material.

Description	Part No.
Pre-Filter for 53-4274 2 1/2" Tall Filters	20-2761-01/HOTP
Pre-Filter for 53-4273 2" Tall Filters	20-2760-01/HOTP
Pre-Filter for 53-4271 1 1/2" Tall Filters	20-2762-01/HOTP

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HOT PRODUCTS ALUMINUM AIR FILTER ADAPTERS

FOR MIKUNI CARBURETORS. SOLD INDIVIDUALLY.



Mikuni		Part No.
38mm	38mm Bore	**53-4460**
44mm	46mm Bore	**53-4480**
46mm	48mm Bore	**53-4490**



Mikuni	Part No.
OEM 40mm "I" Series (48mm Bore) Sea-Doo HX/XP, K750 SXI 96-02, K800SX-R 03-12	**53-4465**



This new ADA Racing Billet aluminum carb adaptor has been developed for Yamaha 701 engines with dual Mikuni SBN 38mm carbs, these adapters are taller than the standard adapters so the air filters will not rub on the engine/head. Includes mounting bolts.

Mikuni	Part No.
Yamaha SJ 96+ 38mm	**34-120290**

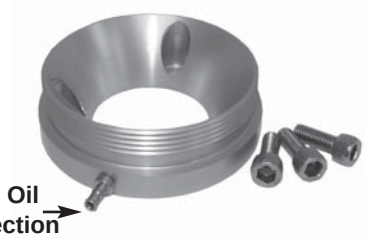


Mikuni	Part No.
OEM Carb Yamaha GPR Series (57mm Bore)	**34-120190**



OIL INJECTION SPACER PLATES

Description	Part No.
Mikuni 44mm	**53-4485**
Mikuni 46mm	**53-4495**
Press in Nipple (1/8") only	**53-9936**



Mikuni	Part No.
38mm with oil injection fitting	**53-4462**

HOT PRODUCTS ALUMINUM AIR FILTER ADAPTERS

FOR KEIHIN CARBURETORS

ALL ADAPTERS SOLD INDIVIDUALLY



Keihin	Part No.
38/40/42mm (50mm Bore)	**53-4440**



Keihin	Part No.
OEM Carb (44mm Bore) K750 SXI-95,750ZXI, K900/1100ZXI	**53-4450**



REPLACEMENT THROTTLE CABLES

Yamaha		Part No.
500WR '87-'93. 650SJ '90-'93, 650 WR/WRIII/LX/WR VXR '90'96 701 SJ '90-'95, WR701 '96-97, W/B701 '93-95, 701WRII GP '94-'95, 701 WR Pro VXR '93-'94, 701 WRII '97	EUO-U7252-01	**05-0226**
701 XL (99-04)	FOM-U7252-00	**002-055-05**
701 SuperJet 96-09	GM6-67252-00	**002-056-06**
701 WR DX 95, 701 WV 95-96 1100 WR 95-96, 1100 WV 96	GJ1-U7252-00	**002-057**

Kawasaki		
440 '77-'86, 550 '82-'86 Shaft End Style Cable	54012-3001	**58-3121**
750 SX 96-97	54012-3748	**002-032**
750 SXi Pro 96-02	54012-3753	
750 SX 92-95	54012-3732	**002-034**

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A.


B.

ADA RACING ANGLED REED SPACER KIT

The ADA Racing Reed Spacer Kit features a 3 degree angle for Kawasaki engines. ***The kit includes billet aluminum spacers, gaskets, studs and additional pulse fittings.***

Kawasaki	Part No.
A. Kawasaki 750/800 Angled Reed Spacer Kit	**31-130390**
B. Kawasaki 900/1100 Angled Reed Spacer Kit	**31-131390**

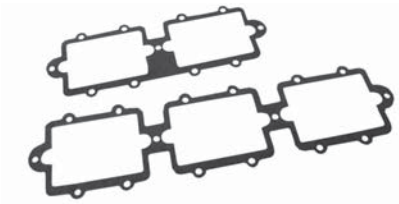


*Hardware not included.

R&D REED VALVE SPACERS

Kawasaki	Part No.
750/800 Reed Spacer Set*	**251-75010**
750/800 Reed Spacer Angled Set*	**251-80000**
Reed Gasket (sold individually)	**7050**
6x50mm Stainless Steel Studs (sold individually)	**62-3050**

Hardware not included.



RIVA RACING REED VALVE SPACER GASKETS

Yamaha	Part No.
701/760 Spacer Gasket	**53-5235-GSK**
1100/1200 Spacer Gasket	**53-5236-GSK**



R&D REED VALVE SPACERS

Yamaha	Part No.
701/760 (62T/64X) Reed Spacer Angled	**262-70101**



PLASTIC CAPS

The plastic caps have many uses on a PWC. Use the caps to cap the primer fittings, fuel fittings and any other item you need to cap will performing repairs or performing routine maintenance. Caps are sold in packs of 10.

Description	Part No.
Small 1/8" Cap - Oil Primer Nipple (10 pack)	**50-9500P**
Large 3/8" Cap - Carb/Fuel Nipple (10 pack)	**50-9504P**



KAWASAKI DRAIN CASE BLOCK OFF

Kawasaki	Part No.
650/750 Kawasaki Drain Case Block Off	**50-9505**

Case Block Off not applicable for 800SX-R

HOT PRODUCTS

BILLET ALUMINUM OIL INJECTION BLOCK OFF KITS



Polaris	Part No.
SL700/SLT700/Hurricane SL900/SLTX/1050	**50-9509**



Sea-Doo	Part No.
580/650/720 All	**50-9504**



Sea-Doo	Part No.
800/951	**50-9506**



Yamaha	Part No.
650/701/760	**50-9500**

Kawasaki	Part No.
650/750	**50-9500**



Yamaha	Part No.
1100/1200 GPR	**50-9501**

Kawasaki	Part No.
900/1100	**50-9503**

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PERFORMANCE FILTER KITS FOR TWO STROKE MOTORS



Kawasaki	Part No.
1200STXR Stock Carb/Stock Pipe	**200-01240**



Kawasaki	Part No.
800SX-R Stock Carb (I Series Adapters Included)	**200-00800**
800SX-R Aftermarket Carb 120mm center to center (Adapters not included)	**200-00120**



SD 951
#203-95000

Sea-Doo	Part No.
951 All	**203-95000**



Yamaha	Part No.
GP1300R Stock Fuel Injection	**200-13143**
GP1200R/XLL/XLT1200	**200-00142**



Ultra 150 #200-00140

Kawasaki	Part No.
Ultra 150 1200cc Stock Carbs	**200-00140**



GP 1300R POWER STACK AIR FILTER KIT

The R&D GP 1300R Power Stack Air Filter Kit is designed to assemble on to the front of the OEM air plenum box. The R&D Power stack adds bottom and mid range power performance while increasing engine RPM's.

Yamaha	Part No.
GP 1300R for Stock Air Box	**200-13100**



RIVA POWER FILTER FOR GP1300R

Power filter fits directly onto OEM air box assembly. Kit comes with water repellent filter.

Yamaha	Part No.
Flame Arrestor, Power Filter Kit GP1300R (60T)	**RY1312**

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PERFORMANCE FILTER KITS FOR FOUR STROKE MOTORS

FOR ADDITIONAL 4-STROKE PRODUCTS SEE THE FOUR STROKE SECTION



R&D 12F/15F FLAME ARRESTOR

The R&D filter kit will unleash horsepower trapped in the restrictive stock air box. The exclusive lightweight filter design couples to the OEM throttle body, and is engineered with a large plenum to deliver massive cubic air volume and improved air speed. Kit comes complete with all necessary hardware.

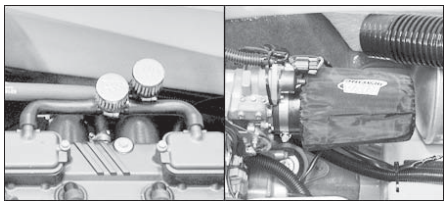
Kawasaki	Part No.
R&D 12F/15F Flame Arrestor *(Replacement for R&D #215-15010)*	**215-15011**



R&D REPLACEMENT PERFORMANCE FILTER

The new R&D Replacement Performance Filter replaces the stock restrictive perforated filter plate and allows for improved airflow. Amounts directly into the stock filter box and retains the OEM look. The improved airflow increases throttle response, RPM, and top speed.

Kawasaki	Part No.
STX-12F/15F	**215-15000**



RIVA ULTRA LX/STX-F PERF POWER FILTER KIT

- Increases airflow and power.
- Installs easily.
- Mounts directly onto stock throttle body.
- Built to our specifications by K&N.
- Includes two smaller K&N filters for engine breather hoses and water repellent pre-filter cover for primary filter.

Kawasaki	Part No.
Ultra LX, STX-F Power Filter	**RK13085**



R&D POWER PLENUM FLAME ARRESTER

The R&D High Flow Power Plenum replaces the restrictive stock flame arrester allowing more improved airflow, why? Because more air flow with less restriction means more power!

Yamaha	Part No.
FX 140/Cruiser FX HO/Cruiser	**200-00144**



R&D HIGH FLOW POWER PLENUM AIR BREATHER

The R&D High flow breather is a direct replacement for the stock breather in the OEM air box. Water tested to deliver improved throttle response, acceleration and top speed with 50-100 RPM increase.

Yamaha	Part No.
FX 140/Cruiser FX HO/Cruiser	**200-00143**



R&D VELOCITY STACK KIT

The R&D Velocity Stack Kit is a direct bolt-on kit that replaces the restrictive OEM stacks. Designed to increase air velocity into the throttle bodies producing improved throttle response and top end speed. Easily installs with OEM hardware.

Yamaha	Part No.
FX 140/Cruiser FX HO/Cruiser	**206-00140**



R&D VX110 PERFORMANCE AIR FILTER KIT

The new R&D Performance Air Filter for the VX 110 is now available. The R&D High Flow Filter design replaces the restrictive stock filter inside the stock air box, allowing improved air flow.

Yamaha	Part No.
VX110 for Stock Carb Air Box	**200-00110**



R&D VX110 POWER FILTER KIT

Screen-type filter element replaces restrictive stock air filter. Extended intake tube draws cooler air into engine significantly improving performance. Includes pre-filter.

Yamaha	Part No.
VX110 Power Filter Kit	**RY13030**



2012 Hot Products IJSBA World Finals in Lake Havasu City, Arizona

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Monkey Grip Motor Mounts

A complete line of motor mounts designed specifically for heavy duty watercraft applications. Monkey Grip Motor Mounts are designed to be stronger than OEM mounts, yet able to dampen and isolate vibration far better than performance mounts currently available. This combination of durability and performance make Monkey Grip the right choice. Monkey Grip Motor Mounts are available for all popular watercraft.*







Part No. 57-1172

Yamaha Wave Blaster	93-96
Yamaha 701FX	94-95
Yamaha Wave Blaster II	96-97



Part No. 57-1162

Yamaha 650 Super Jet	All Years
Yamaha 701 Super Jet	All Years

Part No. 57-1152

Yamaha Wave Runner 500	All Years
Yamaha 650 VXR	91-95
Yamaha 650LX	91-92
Yamaha 650 Wave Runner III	90-96
Yamaha 701 VXR Pro	93-94
Yamaha 701 Wave Runner	93-00
Yamaha Wave Runner III GP	84-95
Yamaha 701 Pro VXR	93-94
Yamaha Wave Runner III 650	90-96
Yamaha Wave Raider 701	94-97
Yamaha Wave Runner III 701	97
Yamaha XL 701	99-04
Yamaha GP 800	98-00
Yamaha XL 800	00-01
Yamaha XLT 800	02-04
Yamaha GP 1200	97-99
Yamaha XL 1200	98
Yamaha 701 Venture	95-96
Yamaha 760 GP	97-00
Yamaha 701 Wave Raider	96
Yamaha 760 XL	98-99
Yamaha 760 Wave Venture	97
Yamaha Wave Raider 1100	95-96
Yamaha Wave Venture 1100	96-97
Yamaha 1200 SUV	99-04



Part No. 57-1174

Yamaha 1200 XL	99-01
Yamaha 1200 XLT	02-05



Part No. 57-1173

Yamaha 1200R GPR	00-01
Yamaha 1300 GP	04-08
Yamaha FX 140	02-06
Yamaha FX 1100	04-06
Yamaha VX 1100	05-09
Yamaha FX CRUISER	04-09



Part No. 57-1196

Polaris 650 SL	92-95
Polaris 750 SL	93-94
Polaris 780 SL	96-97
Polaris 780 SLT	96-97
Polaris 780 SLX	95-96



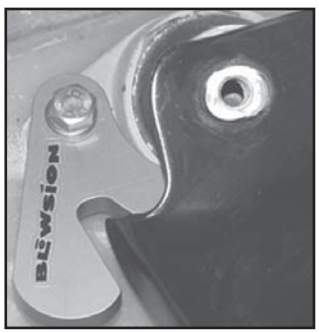
Tiger Shark	Part No.
All Models 93-99, 640cc Engine	57-1175



Part No. 57-1197

Polaris 700/900/1050	All
All SMC Hulls	Late Models

Installation Warning-Alert! When changing the PWC motor mounts you must refer to the PWC Manufacturers Repair Manual for the proper installation instructions and the torque settings. If these instructions and torque setting are not followed properly damage may occur. Hot Products is not responsible for any damages incurred.



BLOWSION



BLOWSION ENGINE KEEPERS JOE KENNEY DESIGN

Kenney Keepers are a must have for any hardcore surf or flat-water invert artist. Each set contains a left and right side front mount retainer and extended stainless hardware for install. Blowsion's unique close tolerance design retains the front, "top heavy" weight of the engine block from being flexed or thrown forward during flat out and invert maneuvers. Since this is a common occurrence (even in flat water racing action), they have also been found to be excellent insurance against ever having to replace expensive engine mounts again.

Description	Part No.
Yamaha SJ 96+	**01-03-802**
Kawasaki 750SXI/800SXR	**01-03-801**

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Part No. 57-1122*

Kawasaki 400/440/550/550SX	All
Kawasaki 750 XIR	94



Part No. 57-1142*

Kawasaki 650	All
Kawasaki 750 (Except ZXI)	All
Kawasaki 800SX-R	03-12



Part No. 57-1143*

Kawasaki 750 ZXI	All
Kawasaki 900 ZXI	All
Kawasaki 1100 ZXI	All
Kawasaki Ultra 150 Rear	All
Kawasaki STX 12F	All
Kawasaki STX-R Rear	All
Kawasaki STX 15-F	All
Kawasaki Ultra 250	All
Kawasaki Ultra 260	All
Kawasaki Ultra 300	All



Part No. 57-1144*

Kawasaki Ultra 150 Front	All
Kawasaki STX-R Front	All



ENGINE SHIMS

Engine shims are essential for precise engine alignment. R&D Engine Shims have a tab that provides easy insertion and removal. Shims are made of stainless steel and have etched numbers to identify thickness.

Description	Thickness	Part No.
Engine Shims	.010"	050-00010*
Engine Shims	.020"	050-00020*
Engine Shims	.050"	050-00050*
Engine Shims	.100"	050-00100*



Part No. 57-1185* (Front - 1 required)

Sea-Doo GTI LE RFI	03
Sea-Doo GTX RFI	98-02
Sea-Doo XP	00-02
Sea-Doo XP DI	03-04
Sea-Doo XP LTD	98-99



Part No. 57-1183F* (Front - 1 required)

Sea-Doo GSX	96-98
Sea-Doo GSX LTD	98
Sea-Doo GTX	96-97
Sea-Doo GTX LTD	98
Sea-Doo SPX	97-98
Sea-Doo XP	95-97



Part No. 57-1182*

Sea-Doo 580/650/720	All*

** Except 97 720SP*



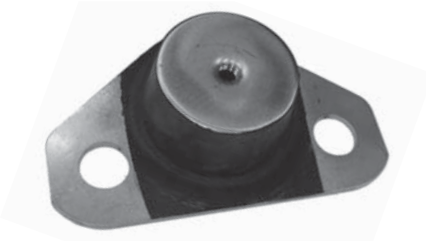
Part No. 57-1188* (Rear - 2 required)

Sea-Doo GTI	06-07
Sea-Doo GTI RENTAL	06-07
Sea-Doo GTI RFI	04-05
Sea-Doo GTI LE RFI	04-05
Sea-Doo GTI SE	06-07
Sea-Doo GTI 4-TEC SE NA	07
Sea-Doo GTX 4-TEC	02-07
Sea-Doo GTX 4-TEC SC	03-06
Sea-Doo GTX 4-TEC SCIC	05
Sea-Doo GTX 4-TEC LTD SC	06
Sea-Doo GTX 4-TEC LTD SC	03-04
Sea-Doo GTX LTD BVIC	07
Sea-Doo GTX 4-TEC WAKE	03-07
Sea-Doo RXP	05-07
Sea-Doo RXP BVIC	07
Sea-Doo RXP SC	05
Sea-Doo RXT	05-06
Sea-Doo BVIC	07



Part No. 57-1183R* (Rear - 2 required)

Sea-Doo GSX	96-98
Sea-Doo GSX LTD	98-99
Sea-Doo GSX RFI	99-00
Sea-Doo GTI LE RFI	03
Sea-Doo GTX	96-97
Sea-Doo GTX	00-02
Sea-Doo GTX DI	00-03
Sea-Doo GTX LTD	98-99
Sea-Doo GTX RFI	98-02
Sea-Doo LRV	00-01
Sea-Doo LRV DI	02
Sea-Doo RX	00-02
Sea-Doo RX DI	00-03
Sea-Doo RXX	01
Sea-Doo SPX	97-99
Sea-Doo XP	96-97
Sea-Doo XP DI	03-04
Sea-Doo XP LTD	98-99



Part No. 57-1186* (Front - 1 required)

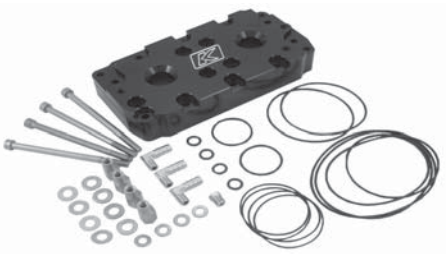
Sea-Doo GTI RFI	04-05
Sea-Doo GTI LE RFI	04-05
Sea-Doo 3D RFI	05-07
Sea-Doo GTI	06-07
Sea-Doo GTI RENTAL	06-07
Sea-Doo GTI SE	06-07



Part No. 57-1187* (Front - 1 required)

Sea-Doo GTX 4-TEC	02-07
Sea-Doo GTX 4-TEC WAKE	04-07
Sea-Doo GTX 4-TEC SC	03-06
Sea-Doo GTX 4-TEC LTD SC	03-04
Sea-Doo GTX 4-TEC LTD	06
Sea-Doo GTX 4-TEC LTD SCIC	05
Sea-Doo GTX LTD & WAKE BVIC	07
Sea-Doo RXP	05-07
Sea-Doo RXP SC	04-06
Sea-Doo RXP BVIC	07
Sea-Doo RXT	05-06
Sea-Doo RXT BVIC	07

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KOMMANDER KAW 800 SXR BILLET HEAD KIT

Description	Part No.
Kommander SXR Billet Girdle Head (Domes Sold Separately)	KOM-101
Kommander SXR Billet Non Girdle Head (Domes Sold Separately)	KOM-102
Kommander SXR Replacement O-Ring Kit	KOM-101-O-RING
Kommander SXR Girdle Hardware Kit	KOM-101-HARDWARE

Description	Bore Size	Dome Size	Part No.
Kommander Dome	82mm	22cc	KOM-822200-SXR
Kommander Dome	82mm	24cc	KOM-822400-SXR
Kommander Dome	82mm	26cc	KOM-822600-SXR
Kommander Dome	82mm	27cc	KOM-822700-SXR
Kommander Dome	82mm	28cc	KOM-822800-SXR
Kommander Dome	82mm	29cc	KOM-822900-SXR
Kommander Dome	82mm	32cc	KOM-823200-SXR
Kommander Dome	85mm	28cc	KOM-852800-SXR
Kommander Dome	85mm	30cc	KOM-853000-SXR
Kommander Dome	85mm	32cc	KOM-853200-SXR



KOMMANDER KAW TRIPLE 1100/1200 HEAD & DOMES



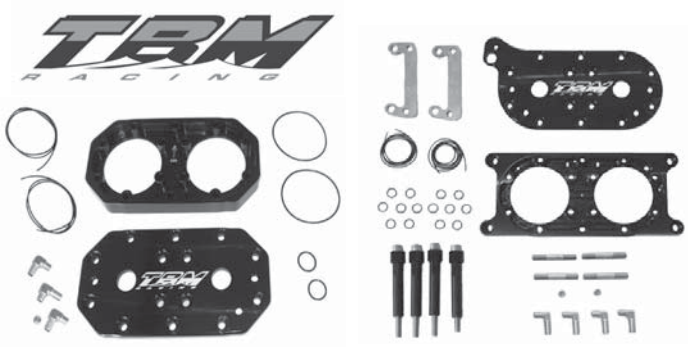


Billet Aluminum Head & Domes, Fits all 1100 triple Kawasaki motors.

Kommander Industries billet aluminum domes are made for racing, utilizing custom dome architecture for maximum fuel burn and horsepower gains, these domes are ready for the races. Domes are sold individually.

Description	Part No.
Kommander 1100 Billet Girdle Head Black (O-Ring Kit and Two 90° Head Water Fittings Included)	KOM-110-GZXI
Kommander 1100 Billet Head O-Ring Kit	KOM-110-O-RING
Kommander Girdle Head Hardware Kit	KOM-110-HARDWARE

Description	Bore Size	Dome Size	Part No.
Kommander Dome	82mm	26cc	KOM-822600-ZXI
Kommander Dome	82mm	28cc	KOM-822800-ZXI
Kommander Dome	82mm	30cc	KOM-823000-ZXI
Kommander Dome	82mm	32cc	KOM-823200-ZXI
Kommander Dome	85mm	24cc	KOM-852400-ZXI
Kommander Dome	85mm	26cc	KOM-852600-ZXI
Kommander Dome	85mm	28cc	KOM-852800-ZXI
Kommander Dome	85mm	30cc	KOM-853000-ZXI



TBM107 TBM107-G

TBM KAW 800 SXR BILLET HEAD KIT

Description	Part No.
TBM Kawasaki 750/800 Non Girdle Head Kit	TBM107
TBM Kawasaki SX-R 800 Girdle Head Kit	TBM107-G
TBM O-Ring Replacement Kit (Fits Part# 107 & 107-G)	TBM107-O
TBM Big Bore O-Ring Kit	TBM107-O-BB

Description	Specification	Dome Size	Part No.
TBM Dome	(Ltd/SS 215psi +)	24cc	TBM024
TBM Dome	Big Bore	24cc	TBM024-BB
TBM Dome	(Ltd/SS 210psi +)	26cc	TBM026
TBM Dome	Big Bore	26cc	TBM026-BB
TBM Dome	(+.050")	26cc	TBM026-L
TBM Dome	Big Bore (+.050")	26cc	TBM026-L-BB
TBM Dome	(Ltd 195psi)	27cc	TBM027
TBM Dome	(+.050")	27cc	TBM027-L
TBM Dome	Big Bore (+.050")	27cc	TBM027-L-BB
TBM Dome	(Ltd 185psi)	28cc	TBM028
TBM Dome	(+.050")	28cc	TBM028-L
TBM Dome	(+.050")	29cc	TBM029-L-BB
TBM Dome	(Ltd 170-175psi) (+.050" Pump Gas)	30.5cc	TBM30.5-L
TBM Dome	(Ltd, Pump Gas)	30.5cc	TBM30.5

Ltd = Limited** **SS = Superstock

R&D O-RING SET FOR R&D HEAD

Yamaha	Part No.
701/760 O-Ring Set of 2	080-76000

Kawasaki	Part No.
750 O-Ring Set of 2	080-75000
800 O-Ring Set of 2	080-80000



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2012 HOT PRODUCTS WORLD FINALS:
PRO SKI 3RD PLACE
SLALOM PRO SKI 2ND PLACE

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ADA KAWASAKI 800SXR BILLET GIRDLE HEAD

This head uses the stock head bolts and is completely sealed by O-rings, no head gasket required. Dual water outlets for additional cooling. This head will work with Factory Pipe's 800 dry pipe.



KA800G

Kawasaki - 82mm Bore	Part No.
ADA 800SXR/750 Girdle Head Shell**	KA800M
ADA 800SXR Girdle Kit	KA800G
ADA 800SXR Dome 22cc (225 lbs.-114 Octane)	KA8022
ADA 800SXR Dome 24cc (216 lbs.-110 Octane)	KA8024
ADA 800SXR Dome 26cc (208 lbs.-105 Octane)	KA8026
ADA 800SXR Dome 28cc (200 lbs.-98 Octane)	KA8028
ADA 800SXR Dome 30cc (190 lbs.-95 Octane)	KA8030
ADA 800SXR Dome 32cc (180 lbs.-91 Octane)	KA8032
ADA 800SXR/750 Throttle/Choke Cable Bracket to use with stock carburetors with ADA Billet Girdle Head	KA800BRK-CARB
ADA 800SXR O-Ring Kit	ORKITK750

***All ADA Domes are sold individually



KA800M KAWASAKI 800SXR/750 GIRDLE HEAD SHELL

ADA KAWASAKI 800 SXR LIMITED SPEC. DOMES

Billet limited drop dome for the Kawasaki 800 SX-R. These domes have a .050" drop at 82mm for use in Limited engines with a .060" base gasket. Available in 22, 24, 26, 28 & 29cc sizes.

Kawasaki - 82mm Bore	Part No.
ADA 800SXR LTD Dome 22cc	KA8222D50
ADA 800SXR LTD Dome 24cc	KA8224D50
ADA 800SXR LTD Dome 26cc	KA8226D50
ADA 800SXR LTD Dome 28cc	KA8228D50
ADA 800SXR LTD Dome 29cc	KA8229D50

***All ADA Domes are sold individually



ADA 800SXR/750 Throttle/Choke Cable Bracket

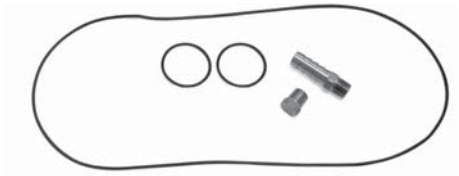
ADA KAWASAKI 750 BILLET HEAD



KA750 KAWASAKI 800SX-R/750 NON-GIRDLE BILLET HEAD SHELL

Kawasaki - 81mm Bore	Part No.
ADA 800SXR/750 Girdle Head Shell**	KA800M
ADA 800SXR Girdle Kit	KA800G
ADA 800SXR/750 Non-Girdle Billet Head Shell	KA800
ADA K750 20cc Dome (225 lbs.-115 Octane)	KA7520
ADA K750 22cc Dome (210 lbs.-110 Octane)	KA7522
ADA K750 24cc Dome (195 lbs.-100 Octane)	KA7524
ADA K750 26cc Dome (180 lbs.-92 Octane)	KA7526
ADA K750 28cc Dome (165 lbs.-91 Octane)	KA7528
ADA K750 30cc Dome (150 lbs.-89 Octane)	KA7530

**ADA 800SXR Girdle and Non-Girdle Head Shell also fits Kawasaki 750 but must use the ADA 750 Domes.
***All ADA Domes are sold individually





NEW

ADA RACING KAWASAKI 750/800 V2 BILLET GIRDLE HEAD & DOMES

This is ADA Racing's new V2 billet girdled head kit for Kawasaki 750/800 engines. This girdled head uses offset base nuts and requires grinding on the outside of the cylinder to make clearance for the girdle studs. ADA also changed to larger diameter domes, so going from a standard bore to a big bore just requires new domes and not a new head.

Kawasaki	Part No.
ADA 800SXR/750 V2 Girdle Head Shell	KA800M2
ADA 800SXR/750 V2 Girdle Kit	KA800G2

82-83mm Bore Size Domes	
22cc	KA8322
24cc	KA8324
26cc	KA8326
28cc	KA8328
30cc	KA8330

83.5-85mm Big Bore Size Domes	
22cc	KA8522
24cc	KA8524
26cc	KA8526
28cc	KA8528
30cc	KA8530
32cc	KA8532
34cc	KA8534

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All ADA Head Shells are available in these colors: Clear, Green, Black, Blue, Red and Orange. Custom Logo laser printing in also available. Call for details.



ADA YA701M Billet Girdle Head Shell



ADA YA701L Billet Non-Girdle Head Shell



ADA YA701G6 Girdle Hardware Kit

ADA YAMAHA 701/760 BILLET HEAD

Includes o-rings that fit into the grooves in the head shell, mounting hardware, and brass fittings. Clear anodized for protection against corrosion.

Yamaha	Part No.
Y701/760 Girdle Billet Head Shell**	YA701M
** Girdle Kit is not included in Head Kit	
Girdle Kit (6 pcs.) for Girdle Head **	YA701G6
Y701/760 Non-Girdle Billet Head Shell	YA701L
701-81mm 29cc (230 lbs/115 Octane)	YA2129L
701-81mm 31cc (215 lbs/112 Octane)	YA2131L
701-81mm 33cc (200lbs/105 Octane)	YA2133L
701-81mm 34cc (192 lbs/95 Octane)	YA2134L
701-81mm 35cc (185lbs/92 Octane) *	YA2135L
* 35cc Dome for 100 Octane with Dry Pipe	
701-81mm 37cc (170lbs/92 Octane)	YA2137L
760-84mm 29cc (245lbs/118 Octane)	YA7629L
760-84mm 31cc (230lbs/115 Octane)	YA7631L
760-84mm 33cc (215lbs/110 Octane)	YA7633L
760-84mm 35cc (200lbs/105 Octane)	YA7635L
760-84mm 36cc (193lbs/105 Octane)	YA7636L
760-84mm 37cc (187lbs/100 Octane)	YA7637L
760-84mm 38cc (180lbs/98 Octane)	YA7638L
760-84mm 40cc (165lbs/91 Octane)	YA7640L
760-84mm 42cc (150lbs/91 Octane)	YA7642L
Flat Top Dome – 22cc 4˚ w/.015" Relief@86mm	YAK8622L15
Flat Top Dome – 24cc 4˚ w/.015" Relief@86mm	YAK8624L15
Flat Top Dome – 26cc 4˚ w/.015" Relief@86mm	YAK8626L15
Flat Top Dome – 28cc 4˚ w/.015" Relief@86mm	YAK8628L15
Flat Top Dome – 30cc 4˚ w/.015" Relief@86mm	YAK8630L15
Dome for Flat Top Kawasaki Piston@82mm24cc	KD1224
Exhaust Pipe Mount Bracket	YEXBRKT-2M
O-Ring Kit	ORKIT-YA701M

***All ADA Domes are sold individually

ADA SUPER BORE HEAD

Yamaha	Part No.
Super Bore Non-Girdle Head Shell	YA760L-SB
Super Bore Girdle Head Shell	YA760M-SB
Super Bore 38cc Dome Yamaha	SD9538*

The ADA Super Bore Domes require the use of Sea-Doo pistons.

****ADA Super Bore Head Shells and Domes are Special Order Only.***

***All ADA Domes are sold individually



ADA YA1200R Yamaha Billet Head Shell Non-Girdle

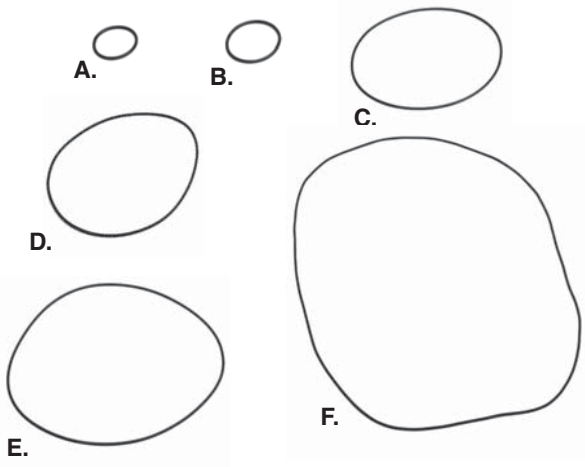
ADA YAMAHA GP1200R

Includes o-rings that fit into the grooves in the head shell, mounting hardware, and brass fittings. Clear anodized for protection against corrosion.

Yamaha	Part No.
Billet Head Shell Non-Girdle	YA1200R
29cc (215-220Lbs/115 Octane)	YA8029
31cc (205-210Lbs/110 Octane)	YA8031
33cc (195-200Lbs/105 Octane)	YA8033
35cc (180-185Lbs/100 Octane)	YA8035
38cc (165-170Lbs/95 Octane)	YA8038
40cc (155-160Lbs/91 Octane)	YA8040
42cc (140-145Lbs/89 Octane)	YA8042

ADA Yamaha GP1200R Head Shells and Domes are Special Order Only.

***All ADA Domes are sold individually



ADA INDIVIDUAL O-RING

Descriptions	Part No.
A. O-Ring, Dome Top Around Spark Plug Hole	OR020
B. O-Ring Head Shell to Dome	OR024
C. Compression O-Ring Ultra 150, All Yamaha	OR043
D. Compression O-Ring SD 951	OR044
E. Outer Water O-Ring Ultra 150 (3 req.)	OR049
F. Outer Water O-Ring Y701/760	ORYA701
Compression O-Ring K750/800	OR042

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Sea-Doo
720/800

ADA SD720 AND 800 BILLET HEAD

Sea-Doo - 82mm Bore		Part No.
Sea-Doo 720 Billet Head Shell		SD720
Sea-Doo 720	32cc Dome (205 lbs/100 Octane)	SD7232
Sea-Doo 720	34cc Dome (190 lbs/105 Octane)	SD7234
Sea-Doo 720	36cc Dome (175 lbs/100 Octane)	SD7236
Sea-Doo 800 Billet Head Shell		SD800
Sea-Doo 800	39cc Dome (205 lbs/105 Octane)	SD8039
Sea-Doo 800	41cc Dome (190 lbs/98 Octane)	SD8041
Sea-Doo 800	43cc Dome (175 lbs/91 Octane)	SD8043

***All ADA Domes are sold individually

The ADA Sea-Doo 720 & 800 domes are interchangeable but the head billet shells are engine size specific.



Sea-Doo 951

ADA SD951 BILLET HEAD

Sea-Doo - 89mm Bore	Part No.
Sea-Doo 951 Billet Head Shell	SD951
Sea-Doo 951 38cc Dome (220 lbs/115 Octane)	SD9538
Sea-Doo 951 40cc Dome (210 lbs/112 Octane)	SD9540
Sea-Doo 951 42cc Dome (200 lbs/110 Octane)	SD9542
Sea-Doo 951 46cc Dome (183 lbs/105 Octane)	SD9546
Sea-Doo 951 48cc Dome (175 lbs/98 Octane)	SD9548
Sea-Doo 951 50cc Dome (165 lbs/91 Octane)	SD9550
O-Ring Kit	ORKIT-SD951

***All ADA Domes are sold individually



KU150 Kawasaki
Ultra 150/STX-R
NON Girdle Head Shell

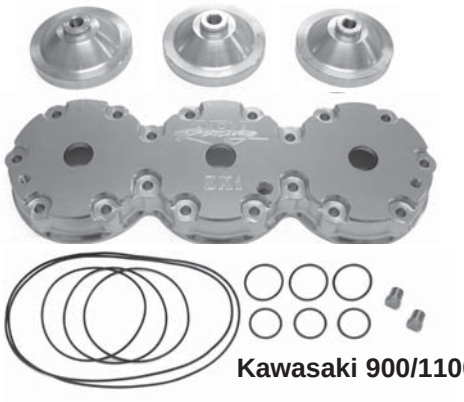
ADA KAWASAKI ULTRA 150/STX-R BILLET GIRDLE HEAD KIT

Kawasaki - 80.5mm Bore	Part No.
Ultra 150/STX-R Billet Head Shell (Non Girdle Head)	KU150
32cc Dome +70 Lbs/112 Octane	KU1532
36cc Dome +50 Lbs/105 Octane	KU1536
38cc Dome +40 lbs/105 Octane	KU1538
40cc Dome +30 lbs/98 Octane	KU1540
42cc Dome +20 lbs/91 Octane	KU1542
44cc Dome +10 Lbs/91 Octane	KU1544
Ultra 150/STX-R O-Ring Kit	ORKITKU150

***All ADA Domes are sold individually



Kawasaki
900/1100
Girdle Billet
Head Shell
& Girdle Kit



Kawasaki 900/1100

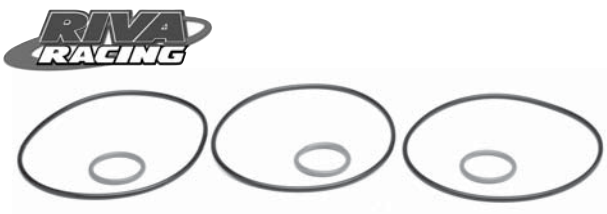
ADA KAWASAKI 900/1100 BILLET HEAD

Kawasaki 900 - 75mm Bore	Part No.
ADA 900/1100 Non-Girdle Billet Head Shell	KA900/1100
ADA K900 26cc Dome (185 lbs/105 Octane)	KA9026
ADA K900 28cc Dome (170 lbs/95 Octane)	KA9028
ADA K900 30cc Dome (155 lbs/91 Octane)	KA9030
ADA K900 O-Ring Kit	ORKITK900

***All ADA Domes are sold individually

Kawasaki 1100 - 82mm Bore	Part No.
ADA 900/1100 Non-Girdle Billet Head Shell	KA900/1100
ADA 900/1100 Girdle Billet Head Shell	KA1100M
ADA Girdle Kit for KA1100M	KA1100G
ADA K1100 22cc Dome (215 lbs/112 Octane)	KD1222
ADA K1100 24cc Dome (200 lbs/108 Octane)	KD1224
ADA K1100 26cc Dome (185 lbs/105 Octane)	KD1226
ADA K1100 28cc Dome (170 lbs/95 Octane)	KD1228
ADA K1100 30cc Dome (155 lbs/91 Octane)	KD1230
ADA K1100 32cc Dome (145 lbs/89 Octane)	KD1232
ADA K1100 O-Ring Kit	ORKITK1100

***All ADA Domes are sold individually



RIVA RACING HEAD O-RING KIT

Head O-Ring Kit	Part No.
2 Cylinder (701/760)	RY10026-O
3 Cylinder (63M/65U)	RY10028-O
GP800 (66E)	RY100277-O
GP1200R (For RY100288B/100289A1)	RY100288-O

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L.A. Sleeve Co.

L.A. Sleeve produces a complete watercraft line of two stroke centrifugally spun iron cylinder sleeves. LASCO sleeves with exact port specifications, chrome-moly iron alloy, high tensile strength material provide the rebuilder with ease if installation, trouble free boring and a lasting long life engine.



Wiseco Performance Products

PERSONAL WATERCRAFT KITS

All pistons are high quality forged alloy and include rings, taper wall wrist pins and circlips.



The ★ column, next to the sleeve part number, will help the rebuilder identify the cylinder that is to be sleeved.
The ★ column designation will also help the rebuilder to determine the proper installation procedure.

★ Column Code Explanations:

AC – Original cylinder bore is alloy-chrome plated, Nikasil, or electrofused. The cylinder must be bored to accept the new cylinder sleeve.

CS – Original block has a cast-in sleeve liner in the cylinder. The cylinder must be bored out to accept the new cylinder sleeve. The cast-in liner will be bored completely out of the cylinder. Do not try to push out the cast-in liner, cylinder damage may be the result.

CI – Original block has a cast-in liner in the cylinder. The cylinder must be bored to accept the new cylinder sleeve. When using a CI style sleeve the cast-in liner will not be completely removed. The sleeve is designed to insert into the iron lined cylinder.

RS – Original block has a replacement sleeve. Heat the cylinder to remove the sleeve. Reheat the cylinder to install the new cylinder sleeve.

CC – Original barrel is cast-iron. The cylinder must be bored to accept the new cylinder sleeve.



Piston Wrist Pin Bearing



Crank Side/End Rod Bearing

Model **Sea-Doo**	Cyl. I.D.	★	L.A. SLEEVE	WISECO Piston Style	WISECO Piston Kit	Bore Size mm	Over Size mm	CC	WISECO Ring Set	WISECO Circlip	WISECO Wrist Pin	Piston Wrist Pin Bearing	Crank Side/End Rod Bearing
Sea-Doo 580 1988 (Long Finger Port)	76mm	RS	FL-5102	E Coated	734M07600	76.00	STD	580	2992TD	CW18	S477	50-4185	
					734M07650	76.50	0.50	588	3012TD				
					734M07700	77.00	1.00	595	3032TD				
					734M07750	77.50	1.50	602	3051TD				
Sea-Doo 580 1989-96 (Short Finger Port)	76mm	RS	FL-5125										
XP, SPI, GTX, SPX-650 (657cc) 1993-95	78mm	RS	FL-5244	L Ring STOCK STYLE	663M07800	78.00	STD	650	3071LK	CW20	S512	50-4184 (1993) 50-4182 (94-95)	
					663M07850	78.50	0.50	658	3091LK				
					663M07900	79.00	1.00	666	3110LK				
					663M08000	80.00	1.50	674	3150LK				
XP, GTI, HX, SPX, GTS, GS, GSI-750 (718cc) 1995-97	82mm	RS	FL-5268	L Ring IJSBA Ltd. Class Legal	775M08200	82.00	STD	718	8200LF	CW20	S461	50-4184	01321
					775M08250	82.50	0.50	726	8250LF				
					775M08300	83.00	1.00	735	8300LF				
					775M08350	83.50	1.50	744	8350LF				
					775M08400	84.00	2.00	754	8400LF				
XP, SPX, GSX, GTX-785 Rave GTX RFI, GSX RFI-785 Rave 1995-00 ***Must gap rings**	82mm	RS	FL-5290	L Ring IJSBA Ltd. Class Legal	779M08200	82.00	STD	780	8200LF	CW20	S461	50-4184	01323
					779M08210	82.10	0.10	782	8210LF				
					779M08250	82.50	0.50	791	8250LF				
					779M08296	82.96	0.96	800	*8300LF				
					779M08300	83.00	1.00	801	8300LF				
					779M08350	83.50	1.50	810	8350LF				
					779M08400	84.00	2.00	820	8400LF				
GSX LTD, XP LTD, GTX LTD-951 LRV, RX 1997-00 ***Cylinder Sleeving and Crankcase cleanup required for 91mm bore.**	88mm	RS	FL-5322		716M08800	88.00	STD	951	3464KD	CW21	S568	01242	
					716M08850	88.50	0.50	960	3484KD				
					716M08900	89.00	1.00	971	3503KD				
					716M08940	89.40	1.40	982	3520KD				
					716M09000	90.00	2.00	993	3544KD				
					716M09100	91.00	3.00	1017	3584KD				

***Special Head Gasket Required Part #6700BB (91.25mm)**

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Model YAMAHA	Cyl. I.D.	★	L.A. SLEEVE	Piston Style	Piston Kit	Bore Size mm	Over Size mm	CC	Ring Set	Circlip	Wrist Pin	Piston Wrist Pin Bearing	Crank Side/End Rod Bearing
Super Jet 1990-93, WaveRunner III 1996, WaveRunner VXR 1992-95 (from 817001) (633cc) Twin	77mm	RS	YA-5139		602M07700 602M07750 602M07800 602M07850 602M07900	77.00 77.50 78.00 78.50 79.00	STD 0.50 1.00 1.50 2.00	633 641 649 658 667	3032TD 3051TD 3071TD 3091TD 3110TD	CW20	S423	50-3302	01325
WaveRunner 91-92, WaveRunner LX 93 WaveRunner III 1990-95 WaveRunner VXR (from 816999) 91-92 (633cc) Twin	77mm	RS	YA-5176										
Super Jet, WaveRunner III GP WaveBlaster, WaveRunner II WaveRunner Pro VXR, FX700 } 93-00 WaveRaider 1996-97 (701cc) Twin	81mm	RS	YA-5187		790M08100 790M08150 790M08200 790M08250 790M08300 790M08400	81.00 81.50 82.00 82.50 83.00 84.00	STD 0.50 1.00 1.50 2.00 3.00	701 710 718 726 735 753	3189KD 3207KD 3228KD 3248KD 3268KD 3307KD	CW20	S512	50-3483	01325
WaveRaider 1994-95 WaveRaider DX, WaveVenture Wave Venture XL700 } 95-00 (701cc)Twin	81mm	RS	YA-5284										
Super Jet, WaveRunner III GP WaveBlaster, WaveRunner II WaveRunner Pro VXR, FX700 } 93-00 WaveRaider 1996-97 Big Bore to 789cc Twin	84mm		YA-5187B		757M08400 757M08450 757M08500 757M08550 757M08600	84.00 84.50 85.00 85.50 86.00	STD 0.50 1.00 1.50 2.00	754 763 771 780 789	3307KD 3327KD 3347KD 3368KD 3386KD	CW20	S631	50-3483	01325
WaveBlaster, WaveBLaster II WaveRaider, WaveRunner GP760 WaveVenture, XL760 1996-00 (754cc) Twin	84mm	RS	YA-5304			**** Cylinder Sleeving Required for 85.5mm and 86mm bore.***							
WaveRunner GP800 1998-00 WaveRunner XL800 2000 (784cc) Twin	80mm	AC	YA-5356		758M08000	80.00	STD	784	3150KD	CW22 ***Ceramic Composite Bore***	S640	01343	
WaveRaider 1100 1995-97 WaveVenture 1100 (1051cc) Triple	81mm	RS	YA-5282		791M08100 791M08150 791M08200 791M08250 791M08300	81.00 81.50 82.00 82.50 83.00	STD 0.50 1.00 1.50 2.00	1051 1064 1077 1090 1104	3189KD 3207KD 3228KD 3248KD 3268KD	CW20	S512	50-3483	01325
WaveRunner GP1200 1997-99 SUV1200 1999-00 XL1200 1998 (1131cc) Triple	84mm	RS	YA-5349		757M08400 757M08450 757M08500 757M08550 757M08600	84.00 84.50 85.00 85.50 86.00	STD 0.50 1.00 1.50 2.00	1131 1142 1156 1169 1184	3307KD 3327KD 3347KD 3366KD 3386KD	CW20	S631	50-3483	01325
XL 1200 LTD 1998-00 GP1200R 2000 (1176cc) Triple	80mm	AC	YA-5469		758M08000	80.00	STD	1176	3150KD	CW22	S640	01343	
GP1300R 2003-08	84mm	AC	YA-5502		867M08400	84.00	STD	1300	3307KD	CW22	S539		
1050cc Four Cylinder 2005-12 VX1050 Cruiser VX1050 Sport VX1050 Deluxe	76mm				40051M07600	76.00	STD		2992XG	CW17	S532		
1800cc 4 Cyl. 8.6:1 Compression FX Cruiser SHO 2008-11 FX SHO 2008-11 FZR 2009-12 FZS 2009-12	86mm		YA-5688		40049M08600	86.00	STD		8600XX	W5590	S734		

General Rules for Sleeve Installation:

These tips are intended to be a guide for installing sleeves into cylinders. There are always exceptions to the rule and care must be taken on special applications.

ALWAYS WAIT UNTIL THE SLEEVE ARRIVES BEFORE BEGINNING ANY MACHINE WORK. NEVER ASSUME THAT THE STATED MODEL AND YEAR OF THE CYLINDER IS CORRECT. ALWAYS CHECK TO SEE IF THE SLEEVE PORTS MATCH THE CYLINDER PORTS.

1. Interference fit for cylinder sleeve to aluminum bore is .004.
2. Interference fit for cylinder sleeve to a cast iron bore is .002 to .003.
3. Installation of flanged type sleeves follow the same rules, but the top of the cylinder must have a countersink to the correct depth to accept the flanged sleeve. .000 to .001 interference fit on the flange diameter is recommended.
4. Heating the cylinder for 45 minutes to one hour at 350 degrees to 450 degrees is preferable.
5. The sleeve should slide in very easily when the cylinder is properly heated. Freeze shrinking the sleeve is not necessary. (Some machinists believe this assists installation of the sleeve.)
6. **REMEMBER:** Rap or press the sleeve down while the cylinder is cooling down. Use a hydraulic press for this procedure.
7. Milling the top deck of the cylinder always adds a quality touch. A caution here, some cylinders may not be able to have the top surface decked.
8. For two-stroke cylinders, blending or matching the aluminum cylinder to the sleeve ports is recommended for proper fuel flow.

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Model KAWASAKI Cyl. I.D. ★

			L.A. SLEEVE	Piston Style	WISECO Piston Kit	Bore Size mm	Over Size mm	CC	Ring Set	Circlip	Wrist Pin	Piston Wrist Pin Bearing	Crank Side/End Rod Bearing
JS-550 Iron Cylinder 1986-90	75mm	CC	**KA-5033**		516M07500	75.00	STD	531	2953TC	CW16	S259	50-3122	
					516M07550	75.50	0.50	537	2973TC				
					516M07600	76.00	1.00	544	2992TC				
JS-550SX Reed 1991-95	75mm	CI	**KA-5135**		608M07500	75.00	STD	531	2953TD	CW16	S259	50-3122	
					608M07550	75.50	0.50	537	2973TD				
					608M07600	76.00	1.00	544	2992TD				
					608M07650	76.50	1.50	551	3012TD				
JS, JL, JF-650 1986-96	76mm	CS	**KA-999**		549M07600	76.00	STD	635	2992TD	CW18	S513	50-3272	01315
					549M07650	76.50	0 .50	643	3012TD				
					549M07700	77.00	1.00	657	3032TD				
JS-750SX, SS, ST, XiR 1992-95 Supersport Xi 1993-95 Special Heavy O.D. Sleeve 3.600" ** Crankcase cleanup and cylinder sleeving required for 83mm thru 85.5mm bore.*	80mm	CI	**KA-5166**		813M08000	80.00	STD	743	3150KD	CW20	S650 (20mm)	50-3302	01317
					813M08050	80.50	0.50	752	3169KD				
					813M08100	81.00	1.00	760	3189KD				
					813M08150	81.50	1.50	771	3209KD				
	80mm	CS	**KA-5166H**		813M08200	82.00	2.00	779	3228KD				
					813M08300	83.00	3.00	796	3268KD				
					813M08500	85.00	5.00	840	3347KD				
					813M08550	85.50	5.50	849	3367KD				
JS-750 SXi, ZXi 1995-00 STX, STS, SXi Pro, Xi Sport Supersport Xi 1996-97 ** Crankcase cleanup and cylinder sleeving required for 83mm thru 84.5mm bore.*	80mm	CI	**KA-5280**		809M08000	80.00	STD	743	3150KD	CW22	S662 (22mm)	50-3304	
					809M08050	80.50	0.50	752	3169KD				
					809M08100	81.00	1.00	760	3189KD				
	80mm	CS	**KA-5280H**		809M08150	81.50	1.50	771	3207KD				
					809M08200	82.00	2.00	779	3228KD				
					809M08300	83.00	3.00	795	3268KD				
					809M08400	84.00	4.00	820	3307KD				
					809M08450	84.50	4.50	830	3327KD				
JS-750 SXi, SXi pro 1996-02 SX800R 2003 ** These racing pistons feature a cutaway skirt, boost port feed hole, and thinner rings.* **Team Kawasaki Factory Part**	80mm	CI	**KA-5280**	E Coated	810M08250	82.50	2.50	791	8250KB	CW22	S640	50-3304	
SX800R 2003	82mm		**KA-5496**		837M08200	82.00	STD	782	3228KD	CW22	S662	50-3304	
					837M08250	82.50	0.50	791	3248KD				
					837M08296	82.96	0.96	800	3268KD				
JH-900 ZXi, JT-900 STX (891cc) 1995-00 triple cylinder	73mm	CS	**KA-5283**		659M07300	73.00	STD	891	2874CD	CW20	S512	50-3302	01317
					659M07350	73.50	0.50	903	2894CD				
					659M07400	74.00	1.00	915	2913CD				
					659M07450	74.50	1.50	928	2933TD				
JH-1100 ZXi, JT-1100 STX (1071cc) 1996-00 triple cylinder *Not for 1100DI*	80mm		**KA-5303**		809M08000	80.00	STD	1071	3150KD	CW22	S662	50-3304	01317
					809M08050	80.50	0.50	1083	3169KD				
					809M08100	81.00	1.00	1097	3189KD				
					809M08150	81.50	1.50	1106	3209KD				
					809M08200	82.00	2.00	1125	3228KD				
JH-1100 ZXi, JT-1100 STX Big Bore to 1193cc 1996-00			**KA-5303B**		809M08300	83.00	3.00	1151	3268KD	CW22	S662	50-3304	01317
					809M08400	84.00	4.00	1179	3307KD				
					809M08450	84.50	4.50	1193	3327KD				
Ultra 150 1999-00 (1176cc) triple cylinder	80mm	AC	**KA-5415**		749M08000	80.00	STD	1176	3150TD	CW24	S598	50-4186	
					749M08050	80.50	0.50	1191	3169TD				
					749M08100	81.00	1.00	1205	3189TD				

SJ Flat Top Piston
85.0 mm for SJ 771CC
85.5 mm for SJ 780CC
Piston skirt must be modified to match sleeve

** Replaces 623 series with KD rings, stronger forging and stronger 20mm pin.*

** Replaces 733 series with KD rings, stronger forging and stronger 22mm pin.*

Model POLARIS Cyl. I.D. ★

			L.A. SLEEVE	Piston Style	WISECO Piston Kit	Bore Size mm	Over Size	CC	Ring Set	Circlip	Wrist Pin	Piston Wrist Pin Bearing	Crank Side/End Rod Bearing
SL-650 1992-95	65mm	CI	**FL-5191**		624M06500	65.00	STD	647	2559CD	CW18	S280	50-3496	01329
					624M06550	65.50	0.50	656	2579CD				
					624M06600	66.00	1.00	665	2598CD				
					624M06650	66.50	1.50	675	2618CD				
					624M06700	67.00	2.00	685	2638CD				
Hurricane 700 1996-97	81mm		**FL-5300**		700M08100	81.00	STD	700	3189TD	CW20	S512	50-4182	
SL, SLT-700 1996-97 SLH, SLTH-700, Virage (95HP) (700cc) twin 1998-02 Freedom 2002	81mm	RS	**FL-5341**		700M08150	81.50	0.50	710	3209TD				
					700M08200	82.00	1.00	718	3228TD				
					700M08250	82.50	1.50	726	3248TD				
					700M08300	83.00	2.00	734	3268TD				
SL, SLT-750 1993-95 Special Heavy O.D. 80.60mm	69.75mm	CI	**FL-5239**		633M06975	69.75	STD	744	2746CD	CW18	S343	50-3496	01329
					633M07025	70.25	0.50	755	2766CD				
	69.75mm	CS	**FL-5239H**		633M07075	70.75	1.00	766	2786CD				
					633M07125	71.25	1.50	777	2805CD				
					633M07150	71.50	1.75	783	2815CD				
					633M07200	72.00	2.25	795	2835CD				
SL, SLT, SLX-780 triple cylinder 1995-97	71.3mm		**FL-5302**		633M07150	71.50	STD	783	2815CD	CW18	S343	50-3496	01329
					633M07200	72.00	0.71	794	2835CD				

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Model **POLARIS**	Cyl. I.D.	★	L.A. SLEEVE	Piston Style	WISECO Piston Kit	Bore Size mm	Over Size mm	CC	Ring Set	Circlip	Wrist Pin	Piston Wrist Pin Bearing	Crank Side/End Rod Bearing
SLX Pro 785 1997-00 (779cc) triple cylinder	69.72mm		**FL-5342**	XPS E-Coated	722M06970	69.70	STD	799	2746CD	CW18	S343		
					**** Nikasil Bore – Cylinder Sleeving or Replating Required for Oversizes.***								
Octane 777 2002 Virage I 2002 ***Low Dome Race Part. (Flat Top) Head Modifications required.***	84mm		**FL-5416**	E-Coated	811M08400	84.00	STD	775.8	8400KB	CW22	S662		
					811M08450	84.50	.050	785.1	8450KB				
					811M08500	85.00	1.00	794.4	8500KB				
					811M08525	85.25	1.25	779.1	8520KB				
					812M08500	85.00	1.00	794.4	8500KB	CW22	S662		
					812M08525	85.25	1.25	749.1	8525KB				
SL-900 1996-97 triple cylinder	74.5mm	RS	**FL-5305**		687M07450	74.50	STD	889	2933TD	CW20	S512	50-4182	
					687M07500	75.00	0.50	901	2953TD				
					687M07550	75.50	1.00	913	2973TD				
					687M07600	76.00	1.50	925	2992TD				
					687M07650	76.50	2.00	937	3012TD				
SL, SLX, SLTC, SLXH-1050 (1051cc) 1996-99 triple cylinder	81mm		**FL-5297**		781M08100	81.00	STD	1051	8100LF	CW20	S512	50-4182	
					781M08150	81.50	0.50	1064	8150LF				
					781M08200	82.00	1.00	1077	8200LF				
					781M08250	82.50	1.50	1090	8250LF				
					781M08300	83.00	2.00	1102	8300LF				
Pro1200, Virage TX Virage TXI, SLX 2000-01 Genesis all Models 99-02 X45 1999	84mm		**FL-5416**		811M08400	84.00	STD	775.8	8400KB	CW22	S662		
					811M08450	84.50	0.50	785.1	8450KB				
					811M08500	85.00	1.00	794.4	8500KB				
					811M08525	85.25	1.25	799.1	8525KB				
Pro1200, Virage TX Virage TXI 2001-02	85mm				812M08500	85.00	1.00	794.4	8500KB	CW22	S662		
					812M08525	85.25	1.25	799.1	8525KB				
					Low Dome Race Part. (Flat Top) Head Modifications required.								

MODEL	L.A. SLEEVE	CUBIC DISPLACEMENT	CYLINDER I.D.	CODE	PART NO.
Sea-Doo					
580 (Long Finger Port) 1988		580cc	76mm	RS	FL-5102
580 (Short Finger Port)1989-96		580cc	76mm	RS	FL-5125
XP/SPI, GTX, SPX 1993-95		650cc	78mm	RS	FL-5244
GTI, HX, SPX, XP, GTS, GS, GSI		718cc	82mm	RS	FL-5268
XP/SPX/GTX RFI-785 Rave 1995-02		782cc	82mm	RS	FL-5290
GSX/XP/GTX-951 LTD RX 1997-02		951cc	88mm	RS	FL-5322
785DI		782cc	82mm	RS	FL-5583
951DI		951cc	88mm	RS	FL-5578
Polaris					
SL-650 1992-95		647cc	65mm	CI	FL-5191
SL-750 1993-95		744cc	69.7mm	CI	FL-5239
SLX Pro 785 1997-01			69.72mm	AC	FL-5342
SL-900 1996-97		889cc	74.5mm	RS	FL-5305
SLTX/SLXH-1051 1996-99		1051cc	81mm		FL-5297
Virage, Octane 777 2002		777cc	84mm	RS	FL-5416
Genesis 1200 (99-02), SLX, X-45 1200, Pro 1200, Virage TX & TXI1999-02		1165cc	84mm	RS	FL-5416
Yamaha					
Wave Jammer, Wave Runner 1987-92		496cc	72mm	RS	YA-5025
Wave Runner, Super Jet thru 1993		633cc	77mm	RS	YA-5139
61X Wave Blaster, WRIII, FX, Pro VXR, Superjet (93-07)		701cc	81mm	RS	YA-5187
Super Jet, Wave Blaster Big Bore to		789cc	84mm		YA-5187B
62T 701 Wave Raider (94-95), Wave Venture XL 700 (95-02)		701cc	81mm	RS	YA-5284
Wave Raider, WBII , GP 760/Wave Blaster (96-00)		754cc	84mm	RS	YA-5304
Wave Runner GP-800 (98-02), XL/XLT 800 (00-02)		784cc	80mm	AC	YA-5356
1100Wave Raider (95-96), Wave Venture (96-97)		1051cc	81mm	RS	YA-5282
GP1200(97-99)/XL 1200 (98)		1131cc	84mm	RS	YA-5349
XL1200 Ltd/GP1200R		1176cc	80mm	AC	YA-5469
GP1300R (03-07)		1296cc	84mm	AC	YA-5502
Kawasaki					
JS-550 Iron Cylinder1986-90		531cc	75mm	CC	KA-5033
JS-550 SX Reed 1991-95		531cc	75mm	CI	KA-5135
JS, JF-650 1986-96		635cc	76mm	CS	KA-999
JS-750 SX/SS (92-95)		743cc	80mm	CI	KA-5166
JS-750 SX/SS (92-95) Special Heavy OD Sleeve 3. 600"		743cc	80mm	CS	KA-5166H
JS-750 SXI, ZXI (96-97), ST (94-95) SXI Pro		743cc	80mm	CI	KA-5280
JS-750 SX, ZXI (95-97), ST (94-95), SXI Pro Special Heavy OD Sleeve 3.600"		743cc	80mm	CS	KA-5280H
JS-900 ZXI, STX (95-06)		891cc	73mm	CS	KA-5283
JS1100ZXI, STX (96-02)		1071cc	80mm	CI	KA-5303
JS-1100 ZXI, STX (96-02) Big Bore to		1180cc	83mm		KA-5303B
800 SXR 2003-07			82mm		KA-5496
Ultra 150 1999-00		1176cc	80mm	AC	KA-5415

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HIGH PERFORMANCE PISTONS
Wossner®
RESEARCH & DEVELOPMENT

Wossner Pistons, Germany's finest aftermarket forged piston and rod manufacturer, now brings German quality to America. With over 25 years of custom piston and rod manufacturing, Wossner Pistons is deeply committed to bringing to market only the best and most accurately machined forged pistons and rods available.

Wossner Pistons commitment to quality stems from designing racing components for top European racing teams in all types of venues to supplying the weekend racer a hop-up high compression piston, or a big bore piston to take advantage of today's high revving high horsepower engines in both automotive and motorcycle applications.

With unsurpassed quality and a commitment, Wossner Pistons will always listen to the customer as this assures you will always receive the high quality forged CNC machined components you would expect from today's top European piston and rod manufacturer. Wossner Pistons believes in continued research and development so that the end user is guaranteed to receive the highest quality machined forged piston.

Wossner Pistons is a complete company that manufactures 2-stroke and 4-stroke PWC (personal watercraft), motorcycle, automotive, snowmobile forged pistons in various bore sizes and compression ratios. Wossner Pistons designs and manufactures all of our forgings in house.



Wossner Piston Features:
Wossner Pistons are Moly Teflon (Soft Coating) coated to allow for a tighter clearance when building an engine and making the break-in process easier. The coating is a "Soft" coating and when the pistons are removed from an engine the coating will show any wear patterns that have been created during the engine life.

Wossner Pistons are forged and then in most cases completely CNC machined both externally and internally to create the highest quality piston. They are often the lightest piston available from any piston company. With the pistons being lighter this will reduce wrist bearing and wrist pin fatigue and wear. The lighter weight will also allow a engine builder to bore the cylinder to a tighter clearance thus creating more horsepower.

YAMAHA

Yamaha Model	Cylinders	Displacement	Bore Size	Over Size mm	Piston Part No.	Ring Set Part No.	Circlip Part No.
Super Jet 700 '93-12	2	701	81.00	Std.	6005DA	RDT8100	CW20
Wave Blaster 700 '93-96		710	81.50	+0.5	6005D050	RDT8150	CW20
Waver Raider 700 '94-98		718	82.00	+1.0	6005D100	RDT8200	CW20
Wave Runner III GP '94-97		726	82.50	+1.5	6005D150	RDT8250	CW20
Wave Runner PRO VXR700 '93-94		735	83.00	+2.0	6005D200	RDT8300	CW20
Wave Venture 700 '95-98		753	84.00	+3.0	6005D300	RDT8400	CW20
Wave Venture XL700 '02							
Wave Blaster 760 '96-97	2	754	84.00	Std.			CW20
Wave Raider 760 '96-97		763	84.50	+0.5			CW20
Wave Runner II 760 '96-97		771	85.00	+1.0			CW20
Wave Venture 760 '97		780	85.50	+1.5			CW20
		789	86.00	+2.0			CW20
GP800R '98-05	3		79.90	Std.	6004DA		
XL800 '00-01			79.91	+0.01	6004DB		
XLT800 '02-04			79.92	+0.02	6004DC		
GP1200R '00-03			79.93	+0.03	6004DD		
XL1200 LTD '98-01			80.50	+0.6	6004D060	RDT8050	
XLT1200 '01-05			81.00	+1.1	6004D110	RDT8100	
Wave Runner 1100 '95-97	2		81.00	Std.	6005DA	RDT8100	CW20
Wave Venture 1100 '95-97			81.50	+0.5	6005D050	RDT8150	CW20
			82.00	+1.0	6005D100	RDT8200	CW20
			82.50	+1.5	6005D150	RDT8250	CW20
			83.00	+2.0	6005D200	RDT8300	CW20
			84.00	+3.0	6005D300	RDT8400	CW20
GP1300R '03-08	3		83.90	Std.	6003DA		CW22
			83.91	+0.01	6003DB		CW22
			83.92	+0.02	6003DC		CW22
1800c Four Cylinder '08-12	4		86.00	Std.	6505DA		
FX Cruiser SHO '08-11							
FX SHO '08-11							
FZR '09-12							
FZS '09-12 8.6:1 Compression							

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SEA-DOO

Sea-Doo Model	Cylinders	Displacement	Bore Size	Over Size mm	Piston Part No.	Ring Set Part No.	Circlip Part No.
XP / GTI / HX / SPX / GTS '95-05	2	718	82.00	Std.	6002DA	RDT8200	CW20
Challenger 718 '98		726	82.50	+0.5	6002D050	RDT8250	CW20
Challenger 718 '00-01		735	83.00	+1.0	6002D100	RDT8300	CW20
Explorer 718 '97&02		744	83.50	+1.5	6002D150	RDT8350	CW20
Speedster 718 '96-97		754	84.00	+2.0	6002D200	RDT8400	CW20
Speedster 718 SK '99							
Sportster 1800 '98-99							
Sportster 718 LT '02							
XP / SPX / GSX / GTX	2	780	82.00	Std.	6001DA	RDT8200	CW20
GTX-RFI / GTI / GSX-RFI780 '95-05		785	82.10	+0.10	6001D010		CW20
		791	82.50	+0.5	6001D050	RDT8250	CW20
		800	82.96	+0.96	6001D096	RDT8300	CW20
		801	83.00	+1.0	6001D100	RDT8300	CW20
		810	83.50	+1.5	6001D150	RDT8350	CW20
		820	84.00	+2.0	6001D200	RDT8400	CW20
GSX-LTD / XP-LTD	2	951	88.00	Std.	6011DA	RDT8800	CW21
GTX-LTD / LRV / RX950 '97-05		960	88.50	+0.5	6011D050	RDT8850	CW21
Sporster950 LE '00-03		971	89.00	+1.0	6011D100	RDT8900	CW21
VSP950 LTD '99-03		982	89.40	+1.4	6011D140		CW21
		993	90.00	+2.0	6011D200	RDT9000	CW21
		1017	91.00*	+3.0	6011D300	RDT9100	CW21
RXP215 '04-09 9.5:1 Compression	3	1500	100.00	std.	6503DA	1000XTY	CW23
RXP-X255 '08-10			100.50	+0.5	6503D050	1005XTY	CW23
RXT 255/260 '05-10							
RXT-X 255/260 '08-10							

**Cylinder sleeving and crankcase cleanup required for 91mm bore*

KAWASAKI

Kawasaki Model	Cylinders	Displacement	Bore Size	Over Size mm	Piston Part No.	Ring Set Part No.	Circlip Part No.
JS750 SS '95-96	3	743	80.00	Std.	6006DA	RDT8000	CW20
Supersport '93-95		752	80.50	+0.5	6006D050	RDT8050	CW20
750SX '92-95		760	81.00	+1.0	6006D100	RDT8100	CW20
ST '94-95		771	81.50	+1.5	6006D150	RDT8150	CW20
XIR 1994		779	82.00	+2.0	6006D200	RDT8200	CW20
		795	83.00	+3.0	6006D300	RDT8300	CW20
		815	84.00	+4.0	6006D400	RDT8400	CW20
		823	84.50	+4.5	6006D450	RDT8450	CW20
		840	85.00	+5.0	6006D500	RDT8500	CW20
		849	85.50	+5.5	6006D550	RDT8550	CW20
SX-R800 '03-12	2	782	82.00	Std.	6010DA	RDT8200	CW22
		791	82.50	+0.5	6010D050	RDT8250	CW22
		800	82.96	+0.96	6010D096	RDT8300	CW22
JS900 '95-96	3	891	73.00	Std.	6009DA	RDT7300	CW20
ZXI900 '95-97		903	73.50	+0.5	6009D050	RDT7350	CW20
STX900 '97-06		915	74.00	+1.0	6009D100	RDT7400	CW20
STS900 '01-02		928	74.50	+1.5	6009D150	RDT7450	CW20
ZXI1100 '96-03	3	1071	80.00	Std.	6007DA	RDT8000	CW22
STX1100 '97-99		1083	80.50	+0.5	6007D050	RDT8050	CW22
STX1100 '00-03		1097	81.00	+1.0	6007D100	RDT8100	CW22
Ultra130 '01-04		1106	81.50	+1.5	6007D150	RDT8150	CW22
		1125	82.00	+2.0	6007D200	RDT8200	CW22
		1151	83.00	+3.0	6007D300	RDT8300	CW22
		1179	84.00	+4.0	6007D400	RDT8400	CW22
		1193	84.50**	+4.5	6007D450	RDT8450	CW22
Ultra150 (1200) '95-05	3	1176	80.00	Std.	Call for details		CW24
		1191	80.50	+0.5			CW24
		1205	81.00	+1.0			CW24
STX-12F '03-07	4		83.00	Std.	Call for details	830XDS	
STX-15F '04-11	4	1500	83.00	Std.	Call for details	830XDS	
Ultra260X '09-10 8.0:1 Compression	4		83.00	Std.	Call for details	830XTY	

***Crankcase cleanup and Cylinder sleeving required for 83mm thru 84.50mm bore*

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PRO-X PISTON KITS



Pro-X Piston Kits are manufactured in Japan and are designed to be an O.E.M. replacement. The aluminum alloy used in the manufacturing of Pro-X pistons maintains or exceeds the factory specifications. Additional oversizes are available in .010 increments up to .080 (2.00 mm).

* - Rings are available for all pistons. For Rings Part Number, put "R" after piston part number.

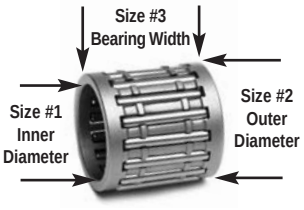
SEA-DOO	Std. Bore	STD STD	.010 .25mm	.020 .50mm	.030 .75mm	.040 1mm	.060 1.5mm	.080 2mm	Top End Bearings
580 All thru 1996	76.00	01.5506.000				01.5506.100			50-4185
720 HX, XP, GTS, GS SPX, GTI, GSI 1995-02	82.00	01.5508.000	01.5508.025	01.5508.050	01.5508.075	01.5508.100	01.5508.150		50-4184
800 XP, GSX, GTI, RFI SPX 1995-02	82.00	01.5511.000	01.5511.025	01.5511.050	01.5511.075	01.5511.100	01.5511.150		50.4184
951 XPL, GSXL, GTXL RX, LRV 1997-07	88.00	01.5515.000	01.5515.025	01.5515.050	01.5515.075	01.5515.100	01.5515.150		01242
RXP (2004-08), RXT (2005-08) RXP-X (2008)		01.5594.000		01.5594.050		01.5594.100			

YAMAHA	Std. Bore	STD STD	.010 .25mm	.020 .50mm	.030 .75mm	.040 1mm	.060 1.5mm	.080 2mm	Top End Bearings
701 All thru 2013	81.00	01.2510.000	01.2510.025	01.2510.050	01.2510.075	01.2510.100	01.2510.150	01.2510.200	50-3483
760 All thru 1998	84.00	01.2514.000	01.2514.025	01.2514.050	01.2514.075	01.2514.100	01.2514.150		50-3483
1200/GP1200 All thru 1998	84.00	01.2574.000	01.2574.025	01.2574.050	01.2574.075	01.2574.100	01.2574.150		50-3483
800 All thru 2002	79.90	01.2518.A				01.2518.100			01343
GP1200 R 2000-02	79.91	01.2518.B				(81.00mm)			
XL1200 LTD 1998-00	79.92	01.2518.C							
XLT1200 2001-02	79.93	01.2518.D							
GP1300 R 2003-07	83.90	01.2520.A		01.2519.050		01.2519.100			
	83.91	01.2520.B		(84.50mm)		(85.00mm)			
	83.92	01.2520.C							

KAWASAKI	Std. Bore	STD STD	.010 .25mm	.020 .50mm	.030 .75mm	.040 1mm	.060 1.5mm	.080 2mm	Top End Bearings
JT750 SS, XS, Xi 1993-97	80.00	01.4510.000				01.4510.100	01.4510.150		50-3302
JT750 ZXi, SXi 1995-98	80.00	01.4515.000		01.4515.050		01.4515.100	01.4515.150		50-3302
800 SX-R 2003-12	82.00	01.4523.000	01.4523.025	01.4523.050		01.4523.100			50-3304
JS900 ZXi, STX 1995-06	73.00	01.4520.000	01.4520.025				01.4520.150		50-3304
JS1100 ZXi 1996-98	80.00	01.4515.000		01.4515.050		01.4515.100	01.4515.150		50-3304
Ultra 150 1999-05	79.87	4520A							50-4186
STX-R1200 2002-05	79.88	4520B							
	79.88	4520C							

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TOP END (WRIST PIN) BEARINGS

Sea-Doo		OEM No.	Size (1x2x3)	Part No.
580	1988-96	290.832.320	18x22x22	**50-4185**
650	1993	290.832.440	20x24x23	**50-4184**
650	1994-95		20x25x21.7	**50-4182**
720	1995-02	290.832.420	20x24x23	**50-4184**
785	1995-02	290.832.420	20x24x23	**50-4184**
951	1997-02	290.832.550	21x25x24	**01242**

Yamaha		OEM No.	Size (1x2x3)	Part No.
500	1987-92		20x24x23	**50-4184**
650	thru 1996	933310-320U200	20x25x25	**50-3302**
701/760	thru 2012*		20x25x24	**50-3483**
1100	1995-97		20x25x24	**50-3483**
1200 (65U)	1997-02		20x25x24	**50-3483**
800	1998-02		22x27x23	**01343**
1200 (66V)	1998-02		22x27x23	**01343**

Must use OEM Washer

Kawasaki		OEM No.	Size (1x2x3)	Part No.
300	1986-93	13033-1010	18x22x24	**50-3272**
440	1977-92	13033-3005	16x20x22.5	**50-3122**
550	1982-95	13033-3005	16x20x22.5	**50-3122**
650 SX,X2,TS,SC	1986-96	13033-1010	18x22x24	**50-3272**
750 ST,SX,SS,XiR,Supersport Xi	1992-95	13033-3702	20x25x25	**50-3302**
900 ZXI,STX	1995-06	13033-3702	20x25x25	**50-3302**
750 ZXI,STX,SXi,STS,Xi Sport,SXi Pro.Supersport Xi	1996-02	13033-3703	22x27x24.7	**50-3304**
800 SXR	2003-12		22x27x24.7	**50-3304**
1100 ZXi,STX	1996-02	13033-3703	22x27x24.7	**50-3304**
Ultra 150,STX-R		13033-3704	24x29x25	**50-4186**

Polaris		OEM No.	Size (1x2x3)	Part No.
650	1987-92	3083216	18x23x21.5	**50-3496**
750	1987-92	3083216	18x23x21.5	**50-3496**
780	1987-92	3083216	18x23x21.5	**50-3496**
700	1995-97	3584001	20x25x21.7	**50-4182**
900	1997-02	3584001	20x25x21.7	**50-4182**
1050	1998-02	3584001	20x25x21.7	**50-4182**

Tiger Shark		OEM No.	Size (1x2x3)	Part No.
640/900/1000	1993-99	—	**20X26X24**	**B1024**

BIG END (CRANK PIN) BEARINGS

Sea-Doo	Size	Part No.
720	26 x 33 x 18	**01321**
785	28 x 35 x 18	**01323**

Yamaha	Size	Part No.
650/701/760/1100	25 x 32 x 20	**01325**



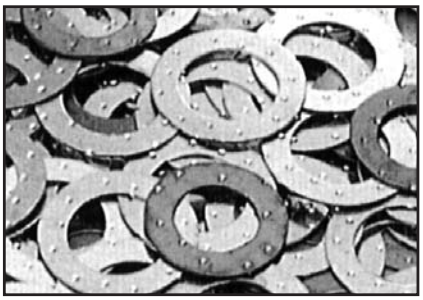
Kawasaki	Size	Part No.
JS/JF-650	24 x 32 x 20	**01315**
JS750 93-95	26 x 34 x 20	**01317**
JS900ZXI	24 x 34 x 20	**01317**
JS1100ZXI	24 x 34 x 20	**01317**

Polaris	Size	Part No.
650/750/780	24 x 32 x 16	**01329**

HOT ROD THRUST WASHERS

Determine part number by size.

ID Size		Thickness	Part No.
25mm	X	1mm	**W111**
26mm	X	1mm	**W113**
28mm	X	1mm	**W116**
32mm	X	1mm	**W118**



THRUST WASHERS

Determine part number by size.

ID Size		Thickness	Part No.
24mm	X	1mm (coated)	**TW4942**
25mm	X	1mm	**TW4968**



PRO-X SEA-DOO PERFORMANCE STEEL VALVES

Pro-X has developed these valves for the Sea-Doo GTX-4TEC '03-08 and RXP/RXT '04-08.

ID Size	Thickness	Part No.
Pro-X Sea-Doo Exhaust Valves		**28.5594-1**
Pro-X Sea-Doo Intake Valves		**28.5594-2**

**Pro-X Sea-Doo Performance Valves are sold piece.*



PRO-X CAM CHAINS

Manufactured by Borg Warner in Japan to OEM specifications. Strong M-type chain with heat treated pins for maximum performance and durability.

Description	Part No.
Yamaha FX140 (02-08)	**31.1997**
Yamaha VX1100 (07-08)	**31.1997**
Kawasaki STX-12F (03-07)	**31.4903**
Kawasaki STX-15F (04-08)	**31.4903**
Kawasaki Ultra 250X (07-08)	**31.4907**
Kawasaki Ultra 260X (09-10)	**31.4907**



PRO-X VALVE SHIM KIT

Easy and economical replacement shims. Precision machined to match the exact size. Specific heat-treatment ensuring hardness to offer maximum durability and less wear.

Description	Part No.
Pro-X Valve Shim Kit	**29.VSA948**

**This Pro-X Valve Shim Kit is for Kawasaki: STX-12F (03-04), STX-15F (04-09), Ultra LX (07-09), Ultra 250X (07-08), Ultra 260X (09-10)*

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HOT PRODUCTS CONNECTING RODS

Heavy duty replacement rods are used in many racing applications because of proven reliability. Kits are complete with top and bottom roller bearings, pin and shims. Made in Japan.



Sea-Doo	Part No.
580	**50-3520**
720 (PTO)	**50-3522**
720 (MAG)	**50-3523**
785	**50-3524**
951	**50-3525**

Yamaha	Part No.
500	**50-3480**
650/701/760/1100/1200 (97-98)	**50-3490**
GP800R/XL800/GP1200R/XL1200*	**50-3495**

*Crank pins are not included in kit 50-3495

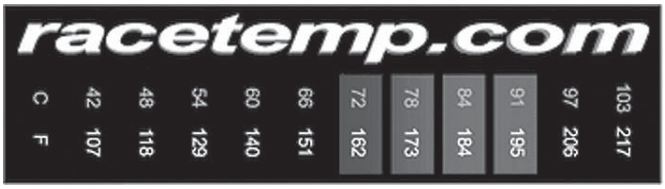
Kawasaki	Part No.
450/550 All	**50-3120**
650 All	**50-3270**
750ZXI/SXI/STS/STX/SS/XI 1996-02	**50-3281**
800 SX-R	**50-3281**
1100 ZXI/STX 1995-98	**50-3282**

PERSONAL WATERCRAFT CONNECTING ROD DIMENSIONS

Watercraft Model	CENTER TO CENTER MM	SMALL END BORE MM	BIG END BORE MM	SMALL END WIDTH MM	BIG END WIDTH MM	PIN DIAMETER MM	PIN LENGTH MM	SMALL END BEARING MM	BIG END BEARING MM	WASHER THICKNESS MM
KAWASAKI										
JS 440/550	110	20	30.6	18	15	24.6	49	16X20X23	24.6X30.6X15	1
JS/JF 650	133	22	32	22	20	24	59	18X22X24	24X32X20	1
JS 750 (93-96) 20mm wrist pin	133	25	34	22	20	26	59	20X25X25	26X34X20	1
JS 750 (95-00) 22mm wrist pin	133	27	36	22	20	28	58	22X27X25	28X36X20	1
JS 900 ZXI	133	25	34	22	20	26	59	20X25X25	26X34X20	1
JS 1100 ZXI, SXI (95-00)	135	27	34	22	20	26	59	22X27X25	26X34X20	1
Ultra 150	140	29	40	22	20	32	62	24X29x25	32x40x20	1
POLARIS										
650/750/780 SL MAG/center	120	23	32.3	16	16	24.3	51	18X23X22	24.3X32.3X16	1
650/750/780 SL PTO	120	23	32.3	16	16	24.3	54	18X23X22	24.3X32.3X16	1
700/900/1050	136	25	35	16	16	28	60	20X25X22	28X35X16	1
Sea-Doo										
580 thru (96)	125	22	31	17	17	24	52	18X22X22	24X31X17	1
650 thru (97)	125	25	31	17	17	24	52	20X25X22	24X31X17	1
720 XP, HX MAG (95-00)	125	24	33	18	18	26	53	20X24X22	26X33X18	1
720 XP, HX PTO (95-00)	125	24	33	18	18	26	55	20X24X24	26X33X18	1
785 XP RAVE (all)	140	24	35	18	18	28	55	20X24X23	28X35X18	1
951 RAVE (98-00)	140	25	36	20	20	28	57	21X25X24	28X36X20	1
YAMAHA										
650/901/760/1100 (all)	125	25	32	20	20	25	60	20X25X24	25X32X20	1
GP800, GP1200R	135	27	34	21	21	27	69	22x27x23	29x34x21	1.5

NEW





Temperature ranges of
107-217 & 138-248 degrees fahrenheit

Accurate within 1-2 degrees
Reversible thermometer with long lasting adhesive
Aids in maintenance and diagnosis

Know it before you blow it!

RACETEMP® SAVING MOTORS EVERYWHERE!

Detect overheating and monitor engine components with the Racetemps® temperature monitoring device. Racetemps® is a small visible strip that enables machine operators to quickly and accurately determine the temperature of vital components such as: radiator, cylinder, rear shock body, clutch housings and more. This product aids in vehicle maintenance, monitoring and troubleshooting.

Description	Temp Range	Part No.
Race Engine Thermometer Pack of three + decal	***138-248 degrees***	**RT138-248**
Race Engine Thermometer Pack of Three and Decal	***107-217 degrees***	**RT107-217**

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HOT RODS CONNECTING RODS

Sea-Doo	Part No.
580 1990-96	HR8166
650 1997	HR8117
720 1995-02 MAG	HR8116
720 1995-02 PTO	HR8168
785	HR8123
951 1998-05	HR8601
951 Direct Injection	HR8628

Polaris	Part No.
700/900/1050	HR8122

Yamaha	Part No.
650/701/760/1100/1200 (97-98)	HR8169
GP800/GP1200R	HR8606

Kawasaki	Part No.
650 All	HR8113
750 (92-95), 900 ZXI	HR8114
750 (96-02), 800 03-07	HR8131
1100ZXI (95-00),STX	HR8138
Ultra 150 (99-05), STX R (02-05)	HR8607

Hot Rods are double forged to improve grain flow and maintain dimensional consistency.

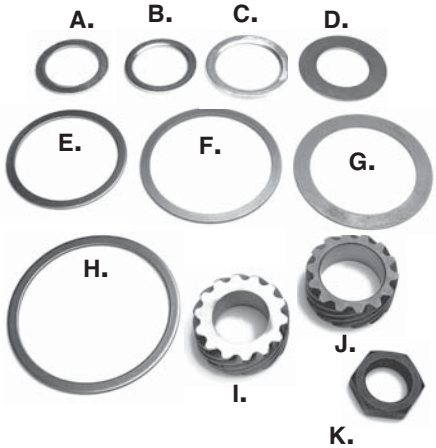




CRANK SHAFT REPLACEMENT BEARINGS



Sea-Doo	FRONT MAG. #1	FRONT MAG. #2	INNER #1	INNER #2	REAR PTO#1	REAR PTO#2
580 87-94	6206NR	6206NR	6305NR	6206NR	6207NC4	6207NC4
580 95-96	6206NC4	6206NC4	6305NR	6206NR	6207NC4	6207NC4
650 93	6206NR	6206NR	6206NC4	6206NC4	6207NC4	6207NC4
650 94-96	6206NC4	6206NC4	6206NC4	6206NC4	6207NC4	6207NC4
720 all	6206NC4	6206NC4	6206NC4	6206NC4	6207NC4	6207NC4
800 all	6207NC4	6207NC4	6207NC4	6207NC4	6306NR	6207NC4
951 all	6208NC4	6208NC4	6306NC4 (Not Available)	6208NC4	6208NC4	6208NC4
Yamaha						
650/701/760	010-204		6207YR	6207YR	6307NR	
1100/1200	010-204	6207YR	6207YR	6207YR	6207YR	83B727
Kawasaki						
440/550	6206NR		6305N	6305N	6206N	
650/750	6306C3		6306C3	6306NR	6306C3	
900/1100/Ultra	5207-1LT		6207NLT	83A844A (3)	83A948	
Polaris						
650/701/780	6207NC4	6207NC4	6207NC4(2)	6307NR		
700/900/1050	6207NC4	6207NC4	6207NC4	6207NC4	6207NC4	6207NC4

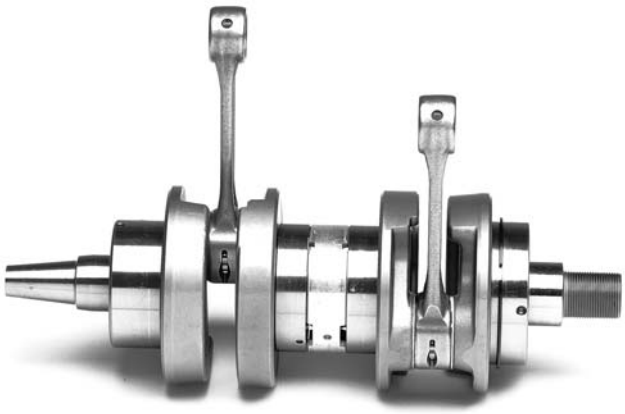


CRANKSHAFT PARTS FOR SEA-DOO

	Descriptions	Models	OEM No.	Part No.
A.	Distance Ring	720 Mag side – 1.5mm thick	290-827-447	010-474
B.	Distance Ring	580/650 Mag side – 2mm thick	290-827-440	010-472
C.	Distance Ring	580/650/720 Pto side 800 Mat & Pto – 2mm thick	290-827-760	010-473
D.	Flat Bearing Washer	580/650 (Small)	420-827-715	010-475
E.	Retainer Shim	720 (Small)	420-827-050	010-476
F.	Retainer Shim	720 (Medium)	420-827-050	010-477
G.	PTO Seal Retaining Ring	580/650/720/800 (Large)	420-827-715	010-479
H.	Thrust Washer	951		010-470
I.	Crank Center Gear	580		010-471-01
J.	Crank Center Gear	650/720/800		010-471
K.	Flywheel Nut	All Models	420-842-230	010-480

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HOT RODS NEW COMPLETE CRANKSHAFT ASSEMBLIES



All new assembly. Crankshafts are sold complete with Hot Rods Connecting rods, main bearings and inner crankshaft webs. Trued to within .001. Crankshafts are completely rebuildable.

Sea-Doo	Crank Assy.
580 All	**HR4008**
720 All	**HR4009**
785 (1996-04) (will not fit fuel injection models)	**HR4010**
951 All Carburetor Models	**HR4051**
951 All Injection Models	**HR4052**

Yamaha	
650/701/760 All	**HR4003**
800 GPR	**HR4072**
1100 Triple (63M)	**HR4104**
1200 Triple (65U) (No mag end bearing)	**HR4004**
1200 Triple (66V), 1300 Triple (60T)	**HR4069**

Kawasaki	
750 96-02, 800 SX-R (03-12)	**HR4061**
900STX (97-06)	**HR4088**
1100ZXI (96-03)	**HR4087**



WSM NEW COMPLETE CRANKSHAFT ASSEMBLIES

Yamaha	Part No.
650/701/760 All	**010-1025WSM**



CRANKSHAFT WEBS

OEM Kawasaki 650/750 and Yamaha cranks are non-rebuildable. In order to rebuild these crankshafts the crankshaft webs must be replaced.

Yamaha	Part No.
650/701/760/1100/1200	**HR201**

Kawasaki	Part No.
750 93-94 (26mm Crank Pin)	**HR202**
650	**HR203**
750ZXI/SXI (28mm Crank Pin)	**HR205**

*Web Kit contains 2 webs without crank pin.



CRANKSHAFT OIL SEAL KIT

Hot Products has researched and tested these crank case seal kits to ensure the highest of quality and durable seals on the market. These seals are a direct replacements for the OEM seals. Why risk an engine failure or a short seal life with low cost seals when Hot Products has these seals in stock and ready for installation in your customers engine.

Sea-Doo	Manufacturer	Part No.
580	Pro-X	**42.5506**
650/720	Pro-X	**42.5507**
785	Pro-X	**42.5510**
951 Outer Seals Only	Pro-X	**42.5515**

Yamaha	Manufacturer	Part No.
500 87-90	Hot Products	**51-0048**
650/701/760/1100/1200	Pro-X	**42.2510**
800	Pro-X	**42.2518**
GP1200R	Pro-X	**42.2520**

Kawasaki	Manufacturer	Part No.
440 73-80 (Full Circle)	Hot Products	**51-0014**
440 81-91/550JS/550SX	WSM	**009-900**
650/750/800	Pro-X	**42.4505**
900/1100	Pro-X	**42.4519**

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HOT PRODUCTS GASKET SETS

Hot Products gasket sets consist of superior quality gaskets for engine rebuilders and the hi-performance personal watercraft market. Hot Products offers top end and complete gaskets sets. Made in the USA.



Sea-Doo	Top	Complete
580 -91 Yellow Eng.SP/XP/GT	6400	6425
580 92+ White Eng.SP/SPI/XP/GTS	6440	6465
650 GTX/XP/XPI/SPX	6480	6500
720 SPX/GTI/HX	6600	6610
785 XP/GSX/GTX	6620	6640
800 DI	6855	6860
951 97 GSX LTD White Eng.	6825	6830
951 98 XP LTD, GSX LTD Silver Eng	6840	6842
951 DI.	6875	6880
4-Tec Gasket Technology	—	6990K
4-Tec WSM	—	007-626

Polaris	Top	Complete
650	4200	4210
750	4220	4230
700 Hurricane, Virage, Freedom	4375	4378
Octane 777	—	4860
780	4235	4240
785/Pro	4250	4260
900	4380	4383
1050	4385	4390
1200 Genesis	4394	4395

Yamaha	Top	Complete
WJ/WR500	—	51-4803
SJ/WRIII/VXR650 (90-93)	2600	2650
LX650 (90-93)	—	51-5703
701SJ-95, BLST-95, 701W/Raider 96+	2700	2750
701SJ 96+, BLST 96+	2550	2555
701W/RDR 94-95/Venture 95+	2950	2980
760W/RDR 96+/BLST II 96+/XL760	2990	2992
800 GP 98+	3520	3530
1100Raider/Venture	4520	4530
1200 GP, XL1200	4680	4685
GP1200R, XL1200LTD	3730	3740
GP1300R	3800	3810
FX140 (02-06)	—	007-670
FX140 HO (High Output) (04-08)	—	007-671
VX110 (05-08)	—	007-672

Kawasaki	Top	Complete
440 77-80	—	5350
440 81-92	—	51-1503
550 82-85	5550	5560
550 86-90	5570	5580
550SX 91-95	—	51-2403
650 All	—	5940
650 X2, TS	—	5960
750 All/800SXR	7200	—
750 SX/SXI/SXI Pro	7200	7210
750 SS/XI	7200	7220
750 SS 92-93	7200	7240
750 XIR	7200	7230
750 95 STS	7200	7225
750 ZXI 95+	7200	7245
800 SXR 03-12	7300	7310
900 ZXI 95+	7500	7520
1100 ZXI 96-98	7670	7680
Ultra 150 99+	7830	7835
1200 STX-F (12F) 03-07	—	007-645-05
1500 STX-F (15F) 04-08	—	007-645-05

Tiger Shark	Top	Complete
639	3100	3110
644	3100	3120

***** Hot Products Complete Gasket Sets do not include bottom end engine seals.***

INDIVIDUAL GASKETS FOR SEA-DOO

580 PRE '92 SP/XP/GT (Yellow Engine)

YELLOW ENGINE	OEM No.	Part No.
Top Kit	Yellow Engine	6400
Complete Kit	Yellow Engine	6425
Head Cover O-Ring	290-950-050	6200*
Spark Plug O-Ring (2 required)	290-430-782	6220*
Cylinder O-Ring (2 required)	290-850-540	6170*
Water Jacket O-Ring (2 required)	290-850-040	6230*
Base Gasket	290-931-160	6000*
Carb Gasket 38mm (2 required)	290-842-040	6100*
Exhaust Gasket (2 required)	290-850-630	6050*
Headpipe Gasket	290-950-250	6140*
Starter Gasket	290-950-905	6120
Water Dist	290-831-612	6110
Water Mani O-Ring (2 required)	290-430-460	6240*
Flywheel Housing	290-850-600	6125
Rotary Valve Shaft O-Ring	290-831-500	6260
Rotary Valve Cover O-Ring	290-831-360	6250
Manifold O-Ring (2 carb)	290-831-705	6270
Manifold O-Ring (1 carb)	290-850-160	6275
Flywheel Cover O-Ring	290-950-130	6280

580 '92+ SP/SPI/XP/GTS (WHITE ENGINE)

WHITE ENGINE	OEM No.	Part No.
Top Kit	White Engine	6440
Complete Kit	White Engine	6465
Head Cover O-Ring	290-950-360	6205*
Spark Plug O-Ring (2 required)	290-430-782	6220*
Cylinder O-Ring (2 required)	293-300-026	6170*
Water Jacket O-Ring (2 required)	290-850-040	6230*
Base Gasket	290-931-161	6020.3*
Carb Gasket 38mm (2 required)	290-850-373	6100*
Carb Gasket 39mm (2 required)	270-000-114	6105*
Exhaust Gasket (2 required)	290-850-635	6060*
Headpipe Gasket	290-950-251	6150*
Starter O-Ring	278-000-694	6152
Flywheel Housing	290-850-605	6130
Rotary Valve Shaft O-Ring	293-300-023	6250
Rotary Valve Cover O-Ring	293-300-024	6260
Manifold O-Ring (2 carb)	290-831-705	6270
Flywheel Cover O-Ring	290-831-555	6278

** Denotes when the gasket is included in the Top End Gasket Set.*

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INDIVIDUAL GASKETS FOR SEA-DOO

650 GTX/XP/XPI/SPX

	OEM No.	Part No.
Top Kit		6480
Complete Kit		6500
Head Cover O-Ring	290-950-320	6210*
Spark Plug O-Ring (2 required)	290-430-782	6220*
Cylinder O-Ring (2 required)	290-931-220	6180*
Water Jacket O-Ring (2 required)	290-850-045	6235*
Base Gasket (.012/0.3mm)	290-931-161	6020.3
Base Gasket (.017/0.4mm)	290-931-162	6020.4
Base Gasket (.020/0.5mm)	290-931-163	6020.5*
Base Gasket (.024/0.6mm)	290-931-164	6020.6
Base Gasket (.030/0.8mm)	290-931-165	6020.8
Carb Gasket 38mm (2 required)	290-850-373	6100*
Exhaust Gasket (2 required)	290-850-637	6080*
Headpipe Gasket	290-950-251	6150*
Starter O-Ring	278-000-694	6152
Flywheel Housing	290-850-605	6130
Rotary Valve Cover O-Ring	293-300-023	6250
Rotary Valve O-Ring	293-300-024	6260
Manifold O-Ring (2 carb)	290-831-705	6270
Flywheel Cover O-ring	290-831-555	6278

720 SPX/GTI/HX/GTS/GS

	OEM No.	Part No.
Top Kit		6600
Complete Kit		6610
Head Cover O-Ring	290-950-360	6205*
Spark Plug O-Ring (2 required)	290-430-782	6220*
Cylinder O-Ring (2 required)	290-931-410	6185*
Water Jacket O-Ring (2 required)	290-850-045	6235*
Base Gasket (.012/0.3mm)	290-931-400	6025.3
Base Gasket (.017/0.4mm)	290-931-401	6025.4
Base Gasket (.020/0.5mm)	290-931-402	6025.5*
Base Gasket (.024/0.6mm)	290-931-403	6025.6
Base Gasket (.030/0.8mm)	290-931-404	6025.8
Carb Gasket 41mm (2 required)	293-250-042	6107*
Exhaust Gasket (2 required)	290-850-637	6080*
Headpipe Gasket	290-950-251	6150*
Starter O-Ring	278-000-694	6152
Flywheel Housing	290-850-605	6130
Rotary Valve Cover O-Ring	293-300-023	6250
Rotary Valve Shaft O-Ring	293-300-024	6260
Flywheel Cover O-ring	290-831-555	6278

785 XP/GSX/GTX/SPX

	OEM No.	Part No.
Top Kit		6620
Complete Kit		6640
Head Cover O-Ring	290-831-550	6612*
Spark Plug O-Ring (2 required)	290-430-782	6220*
Cylinder O-Ring (2 required)	290-931-410	6185*
Water Jacket O-Ring (2 required)	290-931-420	6614*
Base Gasket (.012/0.3mm)	290-931-720	6035.3
Base Gasket (.017/0.4mm)	290-931-721	6035.4
Base Gasket (.020/0.5mm)	270-931-722	6035.5*
Base Gasket (.024/0.6mm)	290-931-723	6035.6
Base Gasket (.030/0.8mm)	290-931-724	6035.8
Carb Gasket 41mm (2 required)	293-250-042	6107*
Power Valve Gasket (2 required)	290-931-540	6618
Power Valve O-Ring (2 required)	290-430-110	6622
Exhaust Gasket	290-931-480	6082*
Head Pipe Gasket	290-931-500	6155*
Balance Shaft O-Ring	290-230-300	6624
Manifold O-Ring	290-831-765	6628
Rotary Valve Shaft O-Ring	293-300-024	6260
Starter O-Ring	278-000-694	6152
Flywheel Housing Gasket	290-931-470	6045
Flywheel Cover O-ring	290-950-360	6632
Oil Pump O-Ring	293-300-018	6255
PTO O-Ring	290430-782	6220

951 97+ GSX LTD, XP LTD

	OEM No.	Part No.
Top Kit 951 '97	White Engine	6825
Complete Kit 951 '97	White Engine	6830
Top Kit 951 '98	Silver Engine	6840
Complete Kit 951 '98	Silver Engine	6842
Head Gasket	290-931-700	6700*
Head Gasket (91.25)		6700BB
Base Gasket '97	290-931-680	6730.3*
Base Gasket '97	290-931-681	6730.4*
Base Gasket '97	290-931-682	6730.6*
Base Gasket '98	290-931-685.5	6732.5*
Base Gasket '98	290-931-686.6	6732.6*
Base Gasket '98	290-931-687.8	6732.8*
Carb Gasket 48mm (2 required)	270-500-384	6740*
Power Valve O-Ring (2 required)	290-430-110	6622*
Power Valve Housing O-Ring	290-931-670	6750*
Exhaust Gasket (2 required)	293-250-081	6760*
Headpipe Gasket 97	290-931-487	6770*
Headpipe Gasket 98	429-931-488	6775*
Stud O-Ring	290-850-460	6780
Balance Shaft O-Ring	290-230-300	6624
Starter O-Ring	278-001-159	6790
Flywheel Housing	290-931-690	6795
Oil Pump O-Ring	293-300-018	6255

SEA-DOO 800 DI

	OEM No.	Part No.
800 DI Top Kit		6855
800 DI Complete Kit	ALL	6860
Head Cover O-Ring	420-831-550	6612*
Spark Plug O-Ring (2 Req'd)	420-430-782	6220*
Cylinder O-Ring (2 Req'd)	420-931-410	6185*
Water Jacket O-Ring (2 Req'd)	420-931-420	6614*
Base (3 Hole 0.12)	420-931-728	6035.3
Base (4 Hole 0.16)	420-931-728	6035.4*
Base (6 Hole 0.24)	420-931-728	6035.6
Power Valve O-Ring (2 Req'd)	290-931-765	6622
Power Valve Housing O-Ring	290-931-670	6750
Exhaust	290-931-481	6082*
Headpipe	420-931-503	6155*
Balance Shaft O-Ring	290-230-300	6624
Manifold O-Ring	290-831-767	6628
Rotary Valve Shaft O-Ring	293-300-024	6260
Starter O-Ring	278-000-694	6152
Flywheel Housing Gasket	290-931-470	6045
Flywheel Cover O-Ring	290-950-360	6632
Oil Pump O-Ring	293-300-018	6255
Case Plug O-Ring	290-250-890	6650
Intake Manifold O-Ring	420-850-520	6655
Rectifier Cover O-Ring	420-850-390	6784
Bearing Cover O-Ring	420-230-300	6624
Sump Cover O-Ring	420-950-360	6205

SEA-DOO 951 DI

	OEM No.	Part No.
950 DI Top Kit	2000+	6875
950 DI Complete Kit	2000+	6880
Head	420-931-706	6705*
Base (3 Hole 0.12)	420-931-905.3	6734.3*
Base (4 Hole 0.16)	420-931-905.4	6734.4*
Base (6 Hole 0.24)	420-931-9053.6	6734.6*
Reed (Not Req'd w/Stock Reeds)		6745
Power Valve O-Ring (2 Req'd)	290-850-460	6622*
Power Valve Housing O-Ring	290-931-670	6750*
Exhaust (2 Req'd)	293-250-081	6760*
Headpipe	420-931-990	6870*
Balance Shaft O-Ring	290-230-300	6624
Starter O-Ring	278-001-159	6790
Flywheel Cover	290-931-690	6795
Oil Pump O-Ring	293-300-018	6255
Engine Bottom Cover O-Ring	420-931-880	6782
Rectifier Cover O-Ring	420-850-390	6784
Compressor	420-230-300	6624
Compressor Gasket	420-931-870	6850
O-Ring	293-300-054	6862
O-Ring	293-300-076	6865
O-Ring	293-300-070	6868

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INDIVIDUAL GASKETS FOR YAMAHA

WAVE JAMMER, WAVE RUNNER 500

	OEM No.	Part No.
Complete Kit		51-4803
Head	6K8-1181	2000
Carb	6K8-13556	2010
Thermostat Cover	655-12414	2020
Reed	6K8-13621	2030
Oil Seal Housing	6K8-15369	2040
Flywheel Cover	6K8-81365	2050
Flame Arrestor	6K8-13674	2060
Exhaust Cover #1	6K8-41124	2070
Exhaust Cover #2	6K8-41122	2080
Exhaust Cover Inner	6K8-41112	2090
Exhaust Cover Outer	6K8-41114	2100
Muffler Damper #1	6K8-14739	2110
Muffler Damper #2	6K8-14749	2120
Silencer	6K8-14755	2130
Upper Case	6K8-45113	2140

650 SUPERJET 90-93, WRIII 90-93

	OEM No.	Part No.
Top Kit		2600
Complete Kit		2650
Head 77mm .050	6R7-11181	2205*
Base	6M6-11351	2220*
Carb (2 required)	6M6-13556	2230*
Top Manifold	6M6-13563	2240*
Lower Manifold	6M6-13566	2260*
Reed (2 required)	6M6-13621	2280*
Exhaust	6M6-14613	2310*
Oil Pump	6R8-13116	2340
Air Cleaner (2 required)	6M6-13674	2350
Flywheel Cover	6M6-81365	2360
Head Pipe	6R7-14755	2370
Outer Cover	6R7-41114	2380
Damper	6R7-14749	2390
Exhaust Pipe (2 required)	6M6-14739	2400
Head Cover	6M6-11193	2410

701 SUPERJET 94-95, BLASTER 93-95 WAVE RAIDER 96, WRIII 94-95

	OEM No.	Part No.
Top Kit		2700
Complete Kit		2750
Head 82mm .050	61X-11181A	2215*
Base	6M6-11351	2220*
Carb (2 required)	6M6-13556	2230*
Top Manifold	61X-13563	2250*
Lower Manifold	61X-13566	2270*
Reed (2 required)	61X-13621	2290*
Exhaust Green	61X-14613	2330*
Oil Pump	6R8-13116	2340
Flame Arrester (2 required)	6M6-13674	2350
Flywheel Cover	6M6-81365	2360
Silencer (aka Head Pipe)	6R7-14755	2370
Outer Cover	6R7-41114	2380
Damper	6R7-14749	2390
Exhaust Pipe	6M6-14739	2400
Head Cover	6M6-11193	2410

* *Denotes when the gasket is included in the Top End Gasket Set.*

701 SUPERJET 96-12 WAVE BLASTER 96

	OEM No.	Part No.
Top Kit		2550
Complete Kit		2555
Head 82mm	62T-11181	2215*
Base	6M611351	2220*
Reed (2 required)	62T-13566	2830*
Carb Manifold	62T13556	2820*
Carb Base (2 required)	-	5460
Exhaust Green	61X-14613	2330*
Oil Pump	6R8-13116	2340
Arrestor (2 required)	62T-13674	2825
Flywheel Cover	6M6-81365	2360
Head Pipe	6R7-17455	2370
Outer Cover	6R741114	2380
Damper	6R7-14749	2390
Exhaust Pipe	6M6-14739	2400

701 WAVE RAIDER 94-95, WAVE VENTURE 95+

	OEM No.	Part No.
Top Kit		2950
Complete Kit		2980
Head Green	62T-11181	2810*
Base	6M6-11351	2220*
Carb Base	62T-14398	5030*
Carb Manifold	62T-13556	2820*
Air Cover	62T-13674	2825
Flywheel Cover	6M6-81365	2360
Reed (2 required)	62T-13566	2830*
Exhaust Green	62T-14613	2850*
Muffler Damper 1	62T-14739	2860
Head Pipe	62T-14749	2870
Exhaust Outer Cover #1	62T-41114	2880
Exhaust Inner Cover	62T-41122	2890
Exhaust Outer Cover #2	62T-41124	2900
Oil Pump	6R8-13116	2340
Ignition Box Cover	6M6-81921	2116A

760 WAVE RAIDER 96+, BLASTER II 96+, XL760W

	OEM No.	Part No.
Top Kit		2990
Complete Kit		2992
Head .025 Stainless	64X-11181	3200*
Head .050 86mm	Ultimate	3210
Base	6M6-11351-A2	3205*
Carb Base (2 required)	62T-14398	5460*
Carb Manifold	64X-13556	3220*
Arrestor (2 required)	64X-13674	3230*
Reed (2 required)	62T-13566	2830*
Exhaust Green	62T-14613	2850*
Flywheel Cover	6M6-81365	2360
Head Pipe	64X-14749	2870
Exhaust Outer Cover #1	62T-41114	2880
Exhaust Inner Cover	62T-41122	3240
Outer Cover Exhaust	62T-41124	3250
Oil Pump	6R8-13116	2340

GP800 98+

	OEM No.	Part No.
Top Kit		3520
Complete Kit		3530
Head .025 Stainless		3400*
Head .050 82mm	Ultimate	3410
Base (2 required)		3420*
Carb Base		5460
Carb Manifold		3430*
Exhaust Green		3450*
Head Pipe		3460
Power Valve (2 required)		3470
Exhaust Section		3480
Oil Pump		2340

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INDIVIDUAL GASKETS FOR YAMAHA

1100 WAVE VENTURE / WAVE RAIDER

	OEM No.	Part No.
Top Kit		4520
Complete Kit		4530
Head .050 82mm	63M-11181	4400*
Base	63M-11351	4415*
Carb Base	63M-14398	5030
Carb Manifold	63M-13556	4420*
Reed (2 required)	63M-13566	4430*
Exhaust	63M-14613	4450*
Muffler Damper 1	63M-14739	4455
Muffler Damper 2	63M-14749	4460
Exhaust Outer Cover (2 required)	63M-41114	4470
Exhaust Inner Cover	63M-41122	4480
Head Cover	63M-11193	4500
Flywheel Cover	63M-81365	4505
Oil Pump	63M-13116	4510

YAMAHA GP 1200, XL 1200 98+

	OEM No.	Part No.
Top Kit		4680
Complete Kit		4685
Head .025 86mm	65U-11181	4600*
Head .050 86mm Green	Ultimate	4610
Base	65U-11351	4615*
Carb Base XL 1200 W	65U-13556	5460
Carb Manifold	64X-14162	4620*
Spark Arrester	-	4630
Reed (2 required)	65U-13566	4430*
Exhaust	65U-14613	4650*
Muffler Damper 1	63M-14739	4455
Head Pipe	63M-14749	4460
Exhaust Outer Cover (2 required)	63M-4114	4470
Exhaust Inner Cover	63M-41122	4480
Head Cover	63M-11193	4500
Flywheel Cover	63M-81365	4505
Oil Pump	63M-13116	4510

YAMAHA GP 1200R, XL 1200LTD

	OEM No.	Part No.
Top Kit		3730
Complete Kit		3740
Head .025 Stainless Steel	66V-11181	3600*
Base (3 Required)	66E-11351	3420*
Carb Base (3 Required)	66E-14398	3425*
Carb Manifold	66V-13558	3620*
Reed	-	3435
Reed Center	-	3440
Power Valve (3 Required)	66E-1131B-0	3470
Exhaust Green	66V-14613	3650
Head Pipe	66V-14739	3660
Chamber	66V-14749	3670
Outer Cover #1	66V-41114	3680
Outer Cover #2	66V-41124	3690
Tail Cone	66V-14623	3700
Starter O-Ring	1FK-81847	3490
Oil Pump	63M-13116	2340
Head Cover	66V-11193	3610

** Denotes when the gasket is included in the Top End Gasket Set.*

YAMAHA 1300 GPR

	OEM No.	Part No.
1300 Top Kit		3800
1300 Complete Kit		3810
Head .025 Stainless Steel	66V-11181	3605*
Base (3 Req'd)	66E-11351	3420*
Manifold		3620*
Reed	NOE	3435
Reed Center	NOE	3440
Power Valve (3 Req'd)	66E-1131B-01	3470
Exhaust	66V-14613	3650
Head Pipe	66V-14739	3660
Chamber	66V-14749	3670
Outer Cover #1	66V-41114	3680
Outer Cover #2	66V-41124	3690
Tail Cone	66V-14623	3700
Starter O-Ring	1FK-81847	3490
Oil Pump	63M-13116	2340

INDIVIDUAL GASKETS FOR KAWASAKI

440 ALL

	OEM No.	Part No.
Complete Kit 77-80		51-1203
Complete Kit 81-92		51-1503
Head	11004-3707	5200
Base	11009-505	5240
Intake	11009-3785	5250
Carb Base 38mm	11009-3786	5030
Housing Pre 82	92065-515	5270
Exhaust	11009-3779	5280
Headpipe Green	11060-3710	5290
Arrester 38mm	11060-3702	5080

550 1982-85, 1986-90

	OEM No.	Part No.
Top Kit 1982-85		5550
Complete Kit 1982-85		5560
Top Kit 1986-90		5570
Complete Kit 1986-90		5580
Head All	11004-3709	5400*
Base	11009-3782	5430*
Intake (2 required)	11009-3785	5250*
Carb Base 38mm Pre 86	11009-3786	5030*
Carb Base 44mm 86-90	11060-3743	5460*
Exhaust	11009-3779	5280*
Headpipe Pre-86	11009-3051	5480
Conn Pipe Lower Pre 86	11060-3730	5490
Headpipe	11060-3726	5500
Conn Pipe 86-90	11060-3727	5510
Chamber 86-90	11060-3278	5520
Arrestor 38mm Pre 86	11060-3702	5080
Arrestor 44mm 86-90	11060-3744	5540

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INDIVIDUAL GASKETS FOR KAWASAKI

550sx 1991-95

	OEM No.	Part No.
Complete Kit		51-2403
Head .010 Stainless	11004-3706	51-2409
Head .047 Green		5610
Base .010 Stainless	11009-3780	5630
Base .020 Fiber		5635
Reed	11009-3787	5640
Intake	11009-3788	5650
Keihin 38mm	11060-3716	5660
Exhaust	11009-3779	5280
Headpipe	11060-3726	5500
Conn Pipe	11060-3727	5510
Chamber	11009-2446	5520

KAWASAKI 650, X2/TS/SC

	OEM No.	Part No.
650 Complete		5940
650 X2, TS Complete		5960
Head .010 Stainless	11004-3710	5800
Head .040 Green	Ultimate	5830
Base	11009-3775	5850
Reed	11009-3731	5860
Keihin 28mm Carb Base	11009-3747	5870
Keihin 38mm Carb Base	11060-3716	5660
Exhaust	11009-3722	5880
Head Pipe	11009-3752	5890
Head Pipe 46mm ID Green	11009-3752	5900
Muffler TS	11060-3718	7120
X-2 Conn Pipe	11009-3724	5910
Control Valve All	11060-3723	7150

750SX, SXI, SXI PRO

	OEM No.	Part No.
Top Kit	All 750	7200
Complete Kit	SX/SXI	7210
Head .010 Stainless	11004-3714	7005*
Base	11060-3711	7040*
Reed A SX(4pcs) SXI(2pcs)	11060-3717	7050*
Reed B SXI(2pcs)	11060-3757	7430*
40mm Carb	11060-3716	7060*
40mm Carb SXI 96+	11060-3761	7065*
Exhaust (2 required)	11060-3759	7070*
Head Pipe SX, SXI	11060-3712	7080
Upper Muffler SX, SXI	11060-3713	7090
Muffler SX, SXI	11060-3714	7140
Control Valve All	11060-3723	7150

** Denotes when the gasket is included in the Top End Gasket Set.*

750 SS, XI, XIR

	OEM No.	Part No.
Top Kit	All 750	7200
Complete Kit	SS/XI	7220
Complete Kit	SS 92-93	7240
Complete Kit	XIR	7230
Head .010 Stainless	11004-3714	7005*
Base All	11060-2711	7040*
Reed (4pcs) SS92+, XI93-95, XI	11060-3717	7050*
Reed A XI 96 (2 pcs)	11060-3717	7050*
Reed B XI 96 (2 pcs)	11060-3757	7430*
40mm Carb SS, XI, XIR	11060-3716	7060*
40mm Carb XI 96	11060-3758	7060*
Exhaust All	11060-3721	7070
Head Pipe SS 92-93	11060-3720	7100
Head Pipe SS 94+, ST, XI 93+	11060-3732	7110
Head Pipe (XIR)	11009-3752	5900
Muffler XI, SS	11060-3718	7120
Control Valve All	11060-3723	7150

750 STS, ZXI

	OEM No.	Part No.
Top Kit	ALL 750	7200
750 Complete	95 STS	7225
750 Complete	ZXI 95+	7245
Head .010 Stainless	11004-3714	7005*
Base All	11060-3711	7040*
Reed A ZXI, STS (2), ST (4)	11060-3717	7050*
Reed B ZXI, STS (2)	11060-3757	7430*
40mm Carb ZXI, STS (2)	11060-3758	7060*
Exhaust STS 95-96, ZXI (2)	11060-3721	7070*
Headpipe 95 STS	11060-3732	7110
Headpipe 96 STS	11060-3771	7115
Headpipe ZXI 95-96	11060-3754	7470
Muffler 1 95 STS	11060-3718	7120
Exhaust Joint STS 96	11060-3763	7125
Muffler 1 96 STS	11060-3766	7135
Muffler 2 96 STS	11060-3770	7145
Muffler ZXI 95-96	11060-3755	7480
Control Valve All	11060-3723	7150

KAWASAKI 800 SXR

	OEM No.	Part No.
800 Top Kit		7300
800 Complete Kit		7310
Head Stainless Steel .010	11004-3720	7005*
Base SXR	11060-3711	7040*
Reed SXR (4 required)	11060-3717	7050*
Reed SXR (2 required)	11060-3757	7430*
40mm Carb SXR (2 required)	11060-3761	7067*
Exhaust SXR (2 required)	11060-3759	7075*
Headpipe SXR	11060-3712	7080
Upper Muffler SXR	11060-3713	7090
Muffler SXR	11060-3714	7140

KAWASAKI 900 ZXI 95+

	OEM No.	Part No.
Top Kit		7500
Complete Kit		7520
Head .010 Stainless	11004-3713	7400*
Head .040 Fiber		7410
Base	11060-3752	7420*
Reed Engine (3 required)	11060-3717	7050*
Reed Carb (3 required)	11060-3757	7430*
Exhaust (3 required)	11060-3756	7450*
Carb Base	11060-3753	7460
Headpipe	11060-3754	7470
Muffler	11060-3755	7480

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KAWASAKI 1100ZXI 96-98

	OEM No.	Part No.
Top Kit		7670
Complete Kit		7680
Head .010 Stainless	11004-3715	7600
Head .040 Fiber		7605
Base	11060-3760	7615
Reed Engine	11060-3717	7050
Reed Carb	11060-3757	7630
Exhaust Manifold	11060-3767	7650
Carb Base Gasket (3 required)	11060-3775	7652
Carb Base Gasket (1 required)	11060-3776	7655
Exhaust Head Pipe	11060-3768	7660
Headpipe to Muffler	11060-3769	7665

KAWASAKI ULTRA 150 99+

	OEM No.	Part No.
Top Kit		7830
Complete Kit		7835
Head Stainless Steel .010*	11004-3717	7700*
Base	11060-3783	7715*
Water Pipe	11060-3785	7720
Reed (3 Req'd)	11060-3717	7050*
Reed Carb (3 Req'd)	11060-3757	7630*
Exhaust (3 Req'd)	11060-3785	7750*
Carb (3 Req'd)	11060-3788	7760
Head Pipe	11060-3786	7770
Exhaust Body	11060-3787	7780
Flywheel Cover	11060-3803	7790

INDIVIDUAL GASKETS FOR POLARIS

700 HURRICANE, VIRAGE, FREEDOM

	OEM No.	Part No.
Top Kit		4375
Complete Kit		4378
Head O-Ring (2 required)	5410931	4300*
Cylinder O-Ring (2 required)	5410932	4305*
Spark Plug O-Ring (2 required)	5410917	4310*
Base (2 required)	5811057	4315*
Base Virage-Freedom (2 required)	5811784	4805*
Reed Engine Side	N.O.E	4317
Reed Carb Side	N.O.E	4319
Carb (2 required)	5830043	4320*
Arrestor	5830062	4325
Exhaust (2 required)	5811045	4330*
Headpipe (2 required)	5830051	4335*
Flywheel Cover	5811145	4337
Water Manifold (2 required)	5830061	4339
Oil Pump O-Ring	5411056	4340
Thermostat Housing	5410860	4353
Crank O-Ring	5410613	4356
Starter O-Ring (2 required)	3240114	4359

POLARIS 650/750

	OEM No.	Part No.
650 Top Kit		4200
650 Complete Kit		4210
750 Top Kit		4220
750 Complete Kit		4230
Head 650 .010 Stainless (3 req'd)	3240057	4000*
Head 750 .040 Stainless (3 req'd)	3240213	4010*
Head 650 .040 Fiber	Ultimate	4020
Base .020 (3 required)	3240055	4040*
Reed(6 required)	3084148	4050*
Carb (6 required)	3240128	5030*
Arrestor	5830013	4065
Exhaust (3 required)	5211489	4070*
Headpipe	5830038	4080*
Water Manifold (3 required)	3082937	4100
Thermostat Housing	5410781	4110
Oil Pump O-Ring	3083127	4112
Starter O-Ring (2 required)	3240114	4359

POLARIS 780, 785 PRO

	OEM No.	Part No.
Head 780 Stainless (3 required)	3240251	4035*
Head 785 Stainless (3 required)	3240305	4037*
Base (3 required)	3240249	4040*
Reed (3 required)	3084148	4050*
Carb (3 required)	3240128	5030*
Carb 785 (3 required)	3240358	9240*
Arrestor (3 required)	5830013	4065*
Arrestor 785 (3 required)	5830115	5540*
Exhaust	5211623	4077*
Exhaust 785	5211725	4078
Exhaust 785 O-Ring (6 required)	5411311	4079
Head Pipe	5830038	4080*
Power Valve 785 (3 required)	3240313	4085
Water Manifold	3082937	4100
Oil Pump O-Ring	3083127	4112
Thermostat Housing	5410781	4110
Starter O-Ring	3240114	4359

POLARIS 900/1050

	OEM No.	Part No.
Top Kit 900		4380
Complete Kit 900		4383
Top Kit 1050		4385
Complete Kit 1050		4390
Head O-Ring (3 required)	5410931	4300*
900 Cylinder O-Ring (3 required)	5411044	4303*
1050 Cylinder O-Ring (3 required)	5410932	4305*
Spark Plug O-Ring (3 required)	5410917	4310*
Base 900 (3 required)	5811057	4315*
Base 1050 (3 required)	5830123	4316
Reed		4318
Carb (3 required)	5830043	4320
Arrestor	5830062	4325
Exhaust (3 required)	5811045	4330*
Headpipe	5830051	4335
Flywheel Cover	5811145	4337
Water Manifold	5830061	4339
Oil Pump O-Ring	5411056	4340
Thermostat Housing	5410860	4353
Crank O-Ring	5410613	4356
Starter O-Ring	3240114	4359

INDIVIDUAL GASKETS FOR TIGER SHARK

TIGER SHARK 639, 644

	OEM No.	Part No.
Top Kit 639/644		3100
639 Complete Kit		3110
644 Complete Kit		3120
Head	3008-174	3000*
Head 639,644 77MM .040	Ultimate	3010
Base	3008-050	3030*
Reed (4 required)	3008-076	3040*
Carb Base 44mm	3008-057	5460*
Exhaust (2 required)	3008-080	3060*
Head Pipe	3008-081	3070
Connector Pipe 644 only	3008-082	3080
Air Cleaner	3008-058	3090

** Denotes when the gasket is included in the Top End Gasket Set.*

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INDIVIDUAL GASKETS BY SECTION



HEAD GASKETS

Head gaskets for all applications including high performance racing applications. All gaskets meet or exceed the OEM manufacturers specifications.

Head gaskets are available in:
Metal, Copper, and "Ultimate" Green fiber.

Sea-Doo Cylinder	Type	Part No.
O ring set 580 92+	O-Ring	**6170**
O ring set 650	O-Ring	**6180**
O ring set 720/785	O-Ring	**6185**
951 (carb) 97+	Metal 88-90mm	**6700**
951 (carb) 97+	Metal 91.25mm	**6700BB**
951 DI	Metal 88-90mm	**6705**
4-Tec Gasket Technology	Metal	**6900**
4-Tec WSM	Metal	**007-399-05**

Sea-Doo Head Cover	Type	Part No.
O ring 580 Yellow Engine	O-Ring	**6200**
O-Ring 580 White Engine/720	O-Ring	**6205**
O ring 650	O-Ring	**6210**
O ring 785	O-Ring	**6612**

Polaris	Thickness	Type		Part No.
650	0.040	Green	(3 Required)	**4020**
750	0.040	Green	(3 Required)	**4030**
650	0.010	Metal	(3 Required)	**4000**
750	0.010	Metal	(3 Required)	**4010**
780	0.010	Metal	(3 Required)	**4035**
785	0.010	Metal	(3 Required)	**4037**

Polaris Head O-Ring	Part No.
700 Hurricane/900/1050	**4300**

Polaris Cylinder O-Ring	Part No.
700 Hurricane/1050	**4305**
900	**4303**

Yamaha	Thickness	Type	Part No.
500 All	0.040	Fiber	**2000**
500 All	0.050	Green	**2005**
650 All 77mm	0.050	Green	**2205**
701 All 82mm	0.050	Green	**2215**
701 W/Raider	0.050	Green	**2810**
760 86mm	0.050	Green	**3210**
GP800	0.050	Green	**3410**
1100 82mm	0.050	Green	**4400**
1200 86mm	0.050	Green	**4610**
760 86mm	0.025	Metal	**3200**
GP800	0.050	Metal	**3400**
1200 86mm	0.025	Metal	**4600**
GP1200R,XL1200LTD	0.025	Metal	**3600**
FX140	—	Metal	**007-593-05**
FX140 HO (04-08)	—	Metal	**007-593-06**
VX110 (05-08)	—	Metal	**007-593-03**

Kawasaki	Thickness	Type	Part No.
440 77-80	0.040	Fiber	**51-1206**
440 81-92	0.040	Fiber	**5200**
550 82-90	0.040	Fiber	**5400**
550 91-95	0.047	Green	**5610**
650 84MM	0.040	Fiber	**51-2707**
650 All	0.040	Green	**5830**
750 All	0.040	Green	**7020**
900 ZXI	0.040	Green	**7410**
1100 ZXI	0.040	Green	**7605**
550 91-	0.010	Metal	**51-2409**
650 All	0.010	Metal	**5800**
750 All	0.010	Metal	**7000**
900 ZXI	0.010	Metal	**7400**
1100 ZXI	0.010	Metal	**7600**
550 91-	0.020	Copper	**51-2410**
800 SX-R	0.010	Metal	**7005**
800 SX-R	0.005	Copper	**H1896005C**

ThreeBond



1211 (White)



1207 B (Black)

THREE BOND SILICON GASKET

#1211 (White) Silicon Liquid Gasket
High grade silicon liquid gasket used by many OEM's in aluminum case assembly. 1211 is tack free in 90 minutes and fully cured in 24 hours.

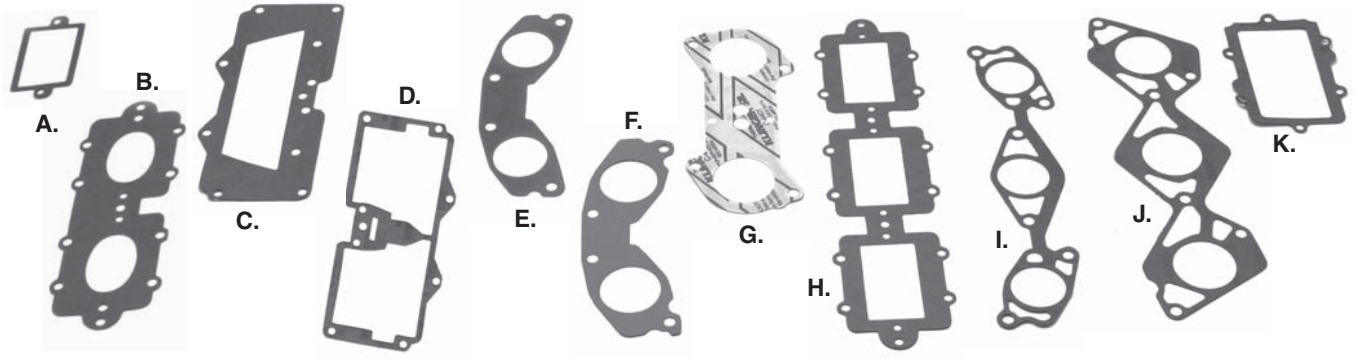
#1207B (Black) Quick Dry Silicon Gasket
Crankcase sealer for large gaps, sheet metal, tough to seal areas, and vertical applications. 1207B is tack free in 5 minutes and fully cured in 24 hours.

Descriptions	Part No.
Silicon Liquid Gasket (White)	**1211AT100**
Quick Dry Silicon Liquid Gasket (Black)	**1207B100G**

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INDIVIDUAL GASKETS BY SECTION

INTAKE & REED GASKETS (Intake Manifold to Cylinder or Cases)



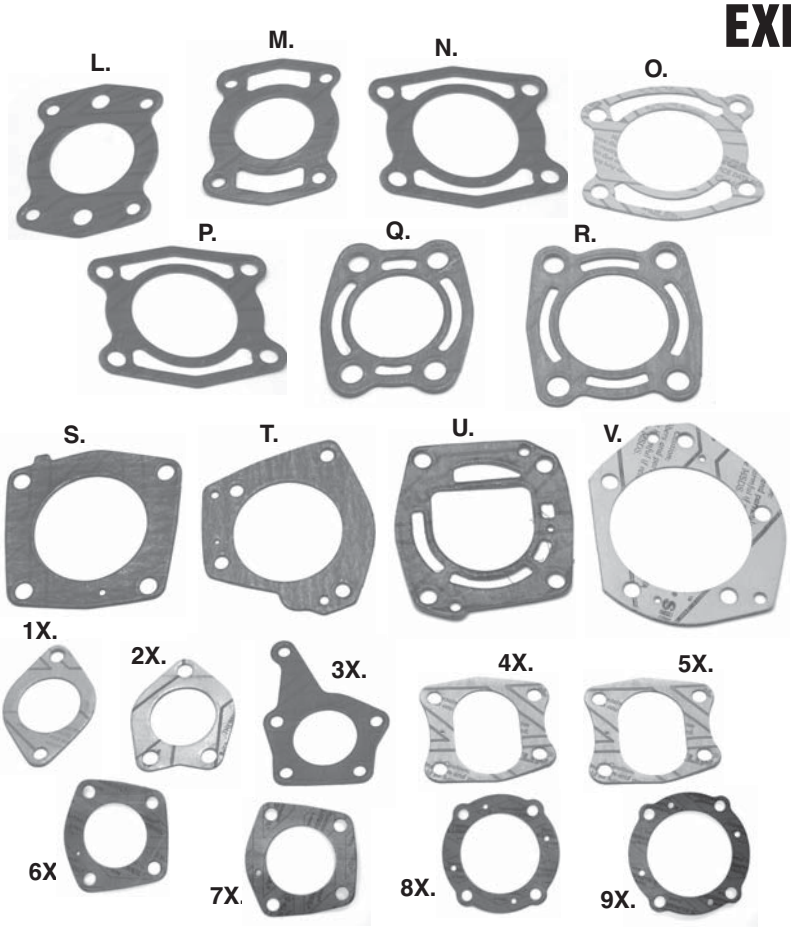
	Yamaha	OEM#	Part No.
A.	701 Reed	61X-13621	**2290**
B.	760 W/Rdr Reed/701 96+	62T-13566	**2830**
C.	701 Top Manifold	61X-13563	**2250**
D.	701 Lower Manifold	61X-13566	**2270**
E.	SJ,W/Blster 701 96+/WRdr 701	62T-13556	**2820**
F.	760 Carb Manifold	64X-13556	**3220**
G.	800 Carb Manifold	64E-13556	**3430**
H.	1100/1200 Reed	63M-13566	**4430**
I.	1100 Carb Manifold	64M-13556	**4420**
J.	1200 Carb Manifold	64X-14162	**4620**
K.	GP1200R/XLL1200 Reed		**3435**

Polaris	OEM#	Part No.
650/750/780/785 Reed	308448	**4050**
900/1050/Reed		**4318**
700/Hurricane Reed Engine Side		**4317**
700/Hurricane Reed Carb Side		**4319**

Yamaha	OEM#	Part No.
500 Reed	6K8-13261	**2030**
650 All Reed	6M6-13621	**2280**
650 Top Intake	6M6-13563	**2240**
650 Bottom Intake	6M6-13566	**2260**

Kawasaki	OEM#	Part No.
440/550 Intake	11009-3785	**5250**
550SX Intake	11009-3788	**5650**
550SX Reed	11009-3787	**5640**
650 All Reed	11060-3703	**5860**
750/900/1100 Engine	11060-3717	**7050**
750/900/1100 Reed Carb	11060-3757	**7430**

EXHAUST HEADPIPE GASKETS



	Sea-Doo	OEM#	Part No.
L.	580 -92	290-950-250	**6140**
M.	580 92+/650/720	290-950-251	**6150**
N.	785	290-931-500	**6155**
O.	951 97	290-931-487	**6770**
P.	951 98+	290-250-080	**6775**

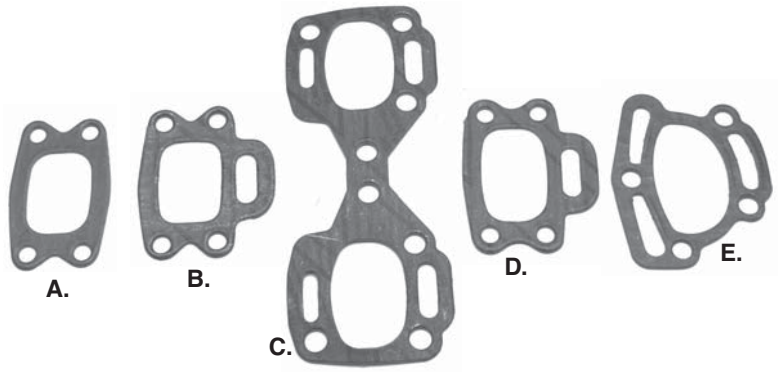
	Polaris	OEM#	Part No.
Q.	650/750/780/785	5830038	**4080**
R.	700/Hurricane/900/1050	5830051	**4335**

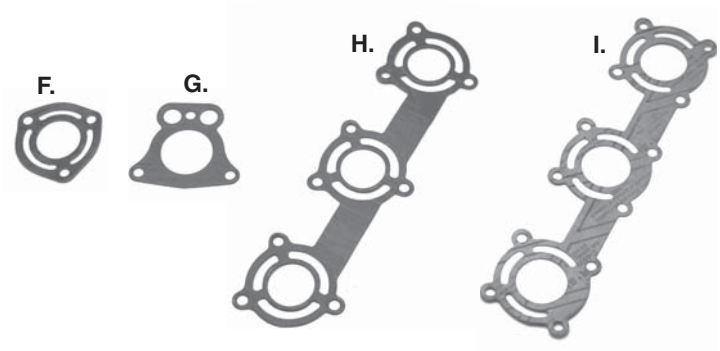
	Yamaha	OEM#	Part No.
S.	650/701	6R7-14755	**2370**
T.	701 WRD 94-95	62T-14749	**2870**
T.	760	64X-14749	**2870**
U.	1100/1200	63M-14749	**4460**
V.	800	66E-14749	**3460**

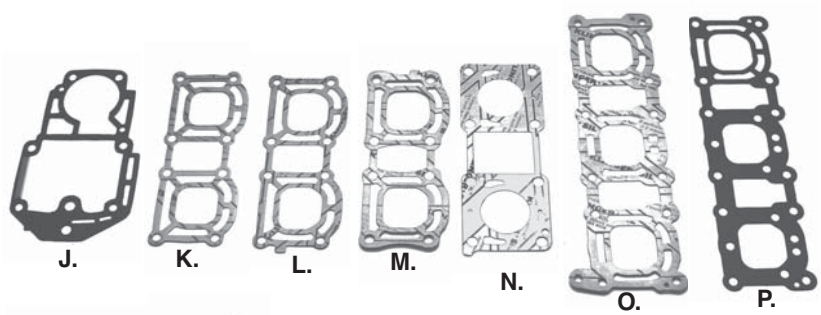
	Kawasaki	OEM#	Part No.
1X.	440/550	11009-3051	**5290**
2X.	650 All (46mm ID)	11009-3752	**5900**
3X.	750 SX/SXi/800 SXR	11060-3712	**7080**
4X.	750 SS 92-95	11060-3720	**7100**
5X.	750 Xi 93-96	11060-3732	**7110**
6X.	900 (Headpipe)	11060-3754	**7470**
7X.	1100 (Headpipe)	11060-3768	**7660**
8X.	900 (Muffler)	11060-3755	**7480**
9X.	1100 (Muffler)	11060-3769	**7665**

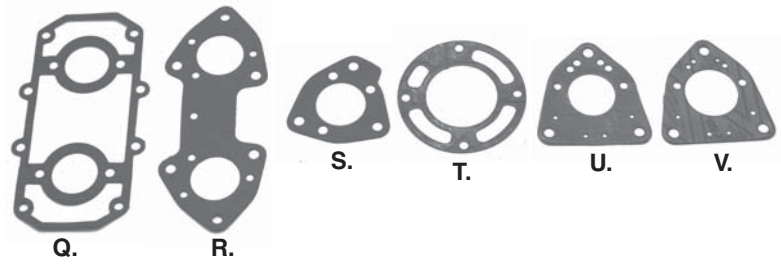
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INDIVIDUAL GASKETS BY SECTION (Cylinder to Manifold)









EXHAUST MANIFOLD GASKETS

(cylinder to manifold)

Sea-Doo	OEM#	Part No.
A. 580 All -91	420-850-632	**6050**
B. 580 All 92+	290-850-635	**6060**
C. 785	290-931-480	**6082**
D. 650/720	290-850-637	**6080**
E. 951	290-250-081	**6760**

EXHAUST MANIFOLD GASKETS

(cylinder to manifold)

Polaris	OEM#	Part No.
F. 650/750	5211489	**4070**
G. 700/Hurricane/900/1050	5811045	**4330**
H. 780	5211623	**4077**
I. 785	5211725	**4078**

EXHAUST MANIFOLD GASKETS

(cylinder to manifold)

Yamaha	OEM#	Part No.
J. 500	6K8-45113	**2140**
K. 650 All	6M6-14613	**2310**
L. 701	61X-14613	**2330**
M. 701/760 W/Rdr	62T-14613	**2850**
N. 800	66E-14613	**3450**
O. 1100	63M-14613	**4450**
P. 1200	65W-14613	**4650**

EXHAUST MANIFOLD GASKETS

(cylinder to manifold)

Kawasaki	OEM#	Part No.
Q. 440/550	11009-3779	**5280**
R. 650 (86-90)	11060-3739	**5880**
S. 650/750/800 SXR	11060-3759	**7075**
T. 750 SS-X1	11060-3718	**7120**
U. 900	11060-3756	**7450**
V. 1100	11060-3767	**7650**



EUROTOUR 2013

1st Round: ***May 10-12, Elk, Poland***
2nd Round: ***July 19-21, Mirandela, Portugal***
Final Round: ***August 16-18, Doncaster, Great Britain***

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2nd Round, 2012

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INDIVIDUAL GASKETS BY SECTION



BASE GASKETS

Sea-Doo	OEM#	Part No.
580 -91	290-850-775	**6000**
580 92+/650	290-931-161	**6020.3**
580 92+/650	290-931-162	**6020.4**
580 92+/650	290-931-163	**6020.5**
580 92+/650	290-931-164	**6020.6**
580 92+/650	290-931-165	**6020.8**
720 0.3mm	290-931-400	**6025.3**
720 0.4mm	290-931-401	**6025.4**
720 0.5mm	290-931-402	**6025.5**
720 0.6mm	290-931-403	**6025.6**
720 0.8mm	290-931-404	**6025.8**
785 0.3mm	290-931-720	**6035.3**
785 0.4mm	290-931-721	**6035.4**
785 0.5mm	290-931-722	**6035.5**
785 0.6mm	290-931-723	**6035.6**
785 0.8mm	290-931-724	**6035.8**
951 97	290-931-680	**6730.3**
951 97	290-931-681	**6730.4**
951 97	290-931-682	**6730.6**
951 98+	290-931-685.5	**6732.5**
951 98+	290-931-686.6	**6732.6**
951 98+	290-931-687.8	**6732.8**

Polaris	Part No.
650/750/780/785	**4040**
700/Hurricane/900/1050	**4315**

Yamaha	OEM#	Part No.
760	6M6-11351-A200	**3205**
650/701 All		**2220**
GP800	66E-11351-0000	**3420**
1100/1200	63M-11351-010	**4415**

Kawasaki	OEM#	Part No.
440 All		**5240**
550 80-90	11009-3782	**5430**
550 91-93	11009-3780	**5635**
550 91-93 Copper		**51-2417**
650 All	11009-3775	**5850**
750 All	11060-3711	**7040**
900	11060-3752	**7420**
1100	11060-3760	**7615**



HEAD PIPE GASKET
FOR AFTERMARKET

Pipe	Part No.
Factory Pipe All (46mm ID)	**5900**
Factory Pipe 785 (Spec 1)	**6155**
Factory Pipe 785 (Spec 2)	**6158**
Factory Pipe Sea-Doo 650/720	**9010**
Factory Pipe Kaw 550 LTD	**9000**

Pipe	
Coffman Pipe 550 Climax	**9020**
Coffman 750 SX Rocket Mod	**9030**
Coffman 750 SS, XI, ST Rocket	**7100A**
Coffman 750 XI (Hurricane)	**7105**

Pipe	
RIVA WaveRaider (3 Hole)	**9070**
RIVA All Other (3 Hole)	**9060**

Pipe	
R&D 3 Bolt	**9080**
R&D 4 Bolt	**9090**



R&D DOMINATOR BASE GASKETS

Yamaha	Thickness	Part No.
Superjet	**.020" - 0.5mm**	**070-00020**
Superjet	**.040" - 1.0mm**	**070-00040**
Superjet	**.060" - 1.5mm**	**070-00060**
Kaw 750/800	**.060" - 1.5mm**	**071-00060**





CARBURETOR BASE GASKETS

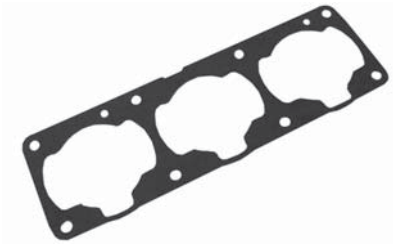
Description	Fiber	Green
Mikuni 38mm	**5030**	**9230**
Mikuni 40mm	**6107**	**9235**
Mikuni 44mm	**5460**	**9240**
Mikuni 46mm	**9245**	**9250**
Mikuni 48mm	-----	**9252**
Mikuni 48mm (SD951 I Series)		**6740**
Mikuni 50mm	-----	**9257**
Keihin 42mm	**9210**	**9220**
Keihin 38mm	**5660**	**9200**
Keihin 40mm	**7060**	**9205**



HIGH PERFORMANCE BASE GASKETS

Kawasaki	Thickness	Part No.
800 SXR	**.020" - 0.5mm***	**B0075020C**
800 SXR	**.030" - 0.75mm****	**7040C**
800 SXR	**.040" - 1.00mm****	**7040D**
800 SXR	**.050" - 1.25mm****	**7040E**
800 SXR	**.065" - 1.50mm****	**7040G**

***Metal Gasket** ****Fiber gasket with a metal core**



KAWASAKI 1100 BASE GASKETS

Solid aluminum core with high density fiber facing.

Kawasaki	Thickness	Part No.
1100 Base	**.025"**	**7615.025**
1100 Base	**.030"**	**7615.030**
1100 Base	**.040"**	**7615.040**
1100 Base	**.050"**	**7615.050**
1100 Base	**.065"**	**7615.065**

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A.



B.



HYDRO-TURF OIL EXTRACTOR

Description	Capacity	Part No.
A. Hydro-Turf Oil Extractor	6 liter	OIL01
B. Hydro-Turf Oil Extractor	15 liter	OIL03





Adapter Kit Included!

FLUID EXTRACTOR

- Empties oil in 15 pumps or less
- Extracts warm or cold oil
- Pressure relief valve allows easy transportation and storage
- Single-hand-ease effortless operation
- Tethered cap
- Delivers gulp-free, mess-free performance
- Complete adapter kit is included featuring three extraction tubes

Description	Part No.
Fluid Extractor (6.5 Liter Fluid Extractor)	CJ-169-S
Fluid Extractor Tube Replacement Kit	72-13117A

**Note: Not for use with gasoline.*



RULE FLAT TANK ELECTRIC OIL EXTRACTOR

Eliminate those costly yard service fees with the new quick, clean, compact electric oil extractor. Includes a 3-1/2 gallon compact self-priming diaphragm pump for extraction and an easy pour spout for oil transfer.

- 3.5 gallon (13 liter) leak proof container
- Designed for ease of carrying
- Complete with dipstick, suction tube & battery clamps
- Empties and stows easily
- Self-priming, dry running, 12 or 24 volt diaphragm pump

Description	Part No.
Electric Oil Extractor	17860-0012

KN204 KN303



PERFORMANCE GOLD OIL FILTER

- Premium filter media provides outstanding filtration at high-flow rates
- 1-inch nut easy-on/easy wrench-off
- Drilled safety wire holes for racing
- Heavy-duty construction

Sea-Doo	OEM#	Part No.
All Sea-Doo Four Stroke	420950741	KN556

Yamaha	OEM#	Part No.
1052cc Yamaha Four Stroke	59H-1344-0-00-00	KN303
1812cc Yamaha Four Stroke	69J-13440-01-00	Not Available

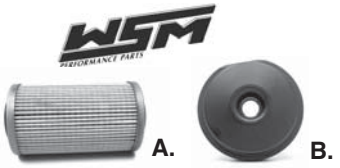
Kawasaki	OEM#	Part No.
All Kawasaki Four Stroke	16097-004	KN204

Honda	OEM#	Part No.
All Honda Four Stroke	15410-NCJ-003	KN204



YAMAHA FOUR STROKE OEM REPLACEMENT AFTERMARKET OIL FILTER

Yamaha	OEM#	Part No.
1812cc Yamaha Four Stroke	69J-13440-01-00	18-7906



A. B.

OEM REPLACEMENT AFTERMARKET OIL FILTERS

Sea-Doo	Part No.
A. All Sea-Doo Four Stroke	006-560
B. All Sea-Doo Four Stroke Oil Filter Cap	006-562

Yamaha	OEM#	Part No.
1052cc Yamaha Four Stroke	59H-1344-0-00-00	006-563
1812cc Yamaha Four Stroke	69J-13440-01-00	006-564



C.



D.

WSM SEA-DOO OIL PUMP SCREEN

Sea-Doo	Part No.
C. WSM Sea-Doo Four Stroke Oil Pump Screen (2003-05)	006-550
D. All Sea-Doo Four Stroke and Supercharged Oil Pump Screen (2006-08)	006-551

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FACTORY PIPE COUPLER, CLAMP, AND MOUNT APPLICATION CHART

FACTORY PIPE GENUINE REPLACEMENT PARTS



ID	Length	Part No.
1-3/4”	5”	**COMHOS0074**
2”	2-1/2”	**COMHOS0080**
2-1/2”	2-3/4”	**COMHOS0085**
3-1/2”	2-1/16”	**COMHOS0090**
3”	2-1/2”	**COMHOS0091**
2-1/4”	2”	**COMHOS0092**
3-1/2”	2-3/16”	**COMHOS0093**
2-1/2”	2-1/2”	**COMHOS0094**
4”	1-15/16”	**COMHOS0101**
4”	2-1/16”	**COMHOS0100**
5”	1-15/16”	**COMHOS0111**
5”	2-3/8”	**COMHOS0110**
5-1/2”	3”	**COMHOS0150**
3-3/4”	2”	**COMHOS0701**



Model	Part No.
MOD Blaster	**COMH0S0130**
96 701SJ LTD	**COMH0S0135**

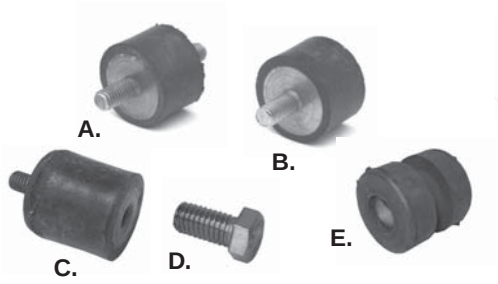


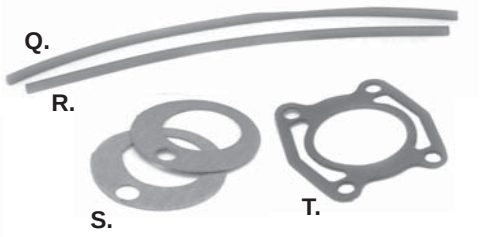
Size		Part No.
5-1/2”		**#600 COMCLP0080**
5”		**#88 COMCLP0030**
4”		**COMCLP0050**
3-1/2”	**(High Torque)**	**#400 COMCLP0045**
2”		**#32 COMCLP0020**
2”	**(High Torque)**	**#250 COMCLP0021**

TYPE	COUPLER	CLAMP	MOUNT
SEA-DOO			
580 SP 94-LATER	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
650 XP 93 & 95/96 SPX	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
650 GTX 94/95 & 96 580 GTS	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
650 & 720 XP 94/95	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
720 HX	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
720 GTI	COMHOS0110 (5”)	COMCLP0030	COMMNT0050
785 XP/GSX/GTX SPEC I 95/96	COMHOS0150 (5.5”)	COMCLP0080	
785 XP/GSX/GTX SPED II 95/96	COMHOS0150 (5.5”)	COMCLP0080	
785 GSX/GTX/SPX SPEC I 97	COMHOS0150 (5.5”)	COMCLP0080	
785 GSX/GTX/SPX SPEC II 97	COMHOS0150 (5.5”)	COMCLP0080	
785 XP ONLY SPEC I 1997	COMHOS0150 (5.5”)	COMCLP0080	
785 XP ONLY SPEC II 1997	COMHOS0150 (5.5”)	COMCLP0080	
951XP / RX	COMHOS0701 (3.75”)	—	COMMNT0052/54
YAMAHA			
650 SUPER JET	COMHOS0100 (4”)	COMCLP0050	
650 WAVERUNNER III	COMHOS0100 (4”)	COMCLP0050	
	COMHOS0085 (2.5”)	—	
701 SUPER JET LIMITED 96-UP	COMHOS0100 (4”)	COMCLP0050	
	COMHOS0135	—	
701 SUPER JET LIMITED	COMHOS0100 (4”)	COMCLP0050	
701 SUPER JET MOD	COMHOS0100 (4”)	COMCLP0050	
701 SUPER JET LTD/SS DRY PIPE	COMHOS0093 (3.5”)	COMCLP0045	COMMNT0050/52
701 SUPER JET TYPE 8 DRY PIPE	COMHOS0093 (3.5”)	COMCLP0045	COMMNT0052
701 SUPER JET TYPE 9 DRY PIPE	COMHOS0093 (3.5’)	COMCLP0045	COMMNT0052
	COMHOS0080 (2.5’)	COMCLP0021	
701 FX1	COMHOS0100 (4”)	COMCLP0050	
701 WAVERUNNER III	COMHOS0100 (4”)	COMCLP0050	
	COMHOS0080 (2”)	COMCLP0020	
701 WAVEBLASTER LIMITED	COMHOS0100 (4”)	COMCLP0050	COMMNT0050
	COMHOS0080 (2”)	COMCLP0020	COMMNT0030
701 WAVEBLASTER MOD	COMHOS0100 (4”)	COMCLP0050	COMMNT0030
	COMHOS0130	COMCLP0020	COMMNT0040
701 WAVERAIDER	COMHOS0100 (4”)	COMCLP0050	COMMNT0030
	COMHOS0080 (2”)	COMCLP0020	COMMNT0040
760 GP/WAVEBLASTER II	COMHOS0090 (3.5”)	COMCLP0040	COMMNT0030
800 GP TWIN	COMHOS0111 (5”)	COMCLP0030	COMMNT0050/52
1200 GP TRIPLE	COMHOS0101 (4”)	COMCLP0050	COMMNT0050/30
	COMHOS0111 (5”)	COMCLP0030	COMMNT0052
1200 XL LTD/GP1200R TRIPLE			COMMNT0050/30
			COMMNT0052
KAWASAKI			
550 LIMITED 86/90	COMHOS0074 (1.75”)	—	COMMNT0040
	COMHOS0100 (4”)	COMCLP0050	
550 LIMITED 91/96	COMHOS0074 (1.75”)	—	COMMNT0040
	COMHOS0100 (4”)	COMCLP0050	
650 SX/X2 LIMITED	COMHOS0100 (4”)	COMCLP0050	
650 SX/X2 MOD	COMHOS0100 (4”)	COMCLP0050	
750 SS/XI	COMHOS0090 (3.5”)	COMCLP0040	COMMNT0060
		COMCLP0020	
750 XIR	COMHOS0080 (2”)	COMCLP0020	COMMNT0040
	COMHOS0100 (4”)	COMCLP0050	
750 SX/SXI LIMITED	COMHOS0080 (2”)	COMCLP0020	COMMNT0040
	COMHOS0100 (4”)	COMCLP0050	
750 SX/SXI MOD	COMHOS0080 (2”)	COMCLP0020	COMMNT0040
	COMHOS0100 (4”)	COMCLP0050	
750 SXI DRY PIPE	COMHOS0701 (3.75”)	—	COMMNT0052
800SXR DRY PIPE	COMHOS0701 (3.75”)		COMMNT0052
	COMHOS0094 (2.5”)		
800SXR WET PIPE	COMHOS0100 (4”)	COMCLP0050	
1200 ULTRA/STX-R DRY PIPE	COMHOS0091 (3”)	COMCLP0021	COMMNT0052
			COMMNT0030
POLARIS			
1050 SLTX TRIPLE	COMHOS0101 (4”)	COMCLP0050	COMMNT0050/52

For instructions and list of parts.

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FACTORY PIPE REPLACEMENT GASKETS AND O-RINGS

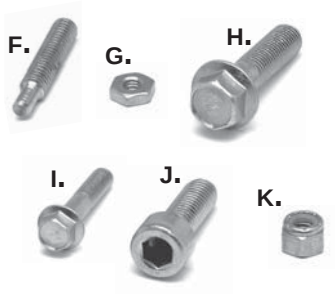
A. K750SX/Blstr/Rdr	**COMMNT0040**
B. Blstr/Rdr	**COMMNT0030**
C. SJ Dry GP1200/800SXR	**COMMNT0052***
D. 3/8"-16 x 3/4" Hex Bolt	**COMFAS0100***
E. SD951	**COMMNT0054**

COMMNT050 has been discontinued.
Use COMMNT052 & COMFAS0100 as replacement part.

Q. 14" Silicon Ring Chamber	(SD 580/650/720)	**COMGAS0005**
R. 13" Silicon Ring Headpipe	(SD 580/650/720)	**COMGAS0006**
S. Manifold/Headpipe Gasket	(SD 580/650/720)	**COMGAS0070**
Headpipe/Manifold Gasket	SD785 Spec II	**COMGAS0120**
T. Headpipe/Manifold Gasket	SD785 Spec I	**COMGAS0110**
246 Viton O-Ring	GP800	**COMGAS0170**
337 Buna O-Ring	Super Jet Dry	**COMGAS0235**

FACTORY PIPE O-RING APPLICATION CHART

TYPE	O-RING NUMBER	O-RING DESCRIPTION	QTY
SEA-DOO			
580/650/720 ALL MODELS	COMGAS0005	14" SILICON RING	1
	COMGAS0006	13" SILICON RING	1
951 XP/XPL	COMGAS0235	337 BUNA O-RING (M)	2
	COMGAS0330	341 BUNA O-RING (L)	2
	COMGAS0340	344 BUNA O-RING (S)	2
YAMAHA			
701 SUPERJET DRY Type 4,8,9	COMGAS0235	337 BUNA O-RING	1
760 GP / WAVEBLASTER II	COMGAS0100	***DISCONTINUED***	2
800 GP TWIN	COMGAS0180	329 VITON O-RING	6
	COMGAS0170	246 VITON O-RING	1
1200 GP TRIPLE	COMGAS0180	329 VITON O-RING	9
	COMGAS0160	***DISCONTINUED***	2
	COMGAS0170	246 VITON O-RING	1
1200XL LTD / GP1200R TRIPLE	COMGAS0180	329 VITON O-RING	9
	COMGAS0150	7.5" GRAPHITE/KEVLAR	3
KAWASAKI			
750SX DRY PIPE	COMGAS0235	337 BUNA O-RING (M)	1
800SXR DRY PIPE	COMGAS0330	341 BUNA O-RING (L)	1
	COMGAS0340	344 BUNA O-RING (S)	1
STX-R TRIPLE	COMGAS0350	330 VITON O-RING	9
POLARIS			
1050 SLXH TRIPLE	COMGAS0180	329 VITON O-RING	9
1050 SLTX TRIPLE	COMGAS0180	329 VITON O-RING	9
MISCELLANEOUS			
ECWI FILTER BLOCK ASSY.	COMGAS0130	AS568A DASH#122	1



	Factory Pipe	Part No.
F.	#10-32 Water Screw S/S	**COMFAS0013**
G.	#10-32 Nuts S/S	**COMFAS0014**
H.	10mmX1.25X40 Bolt	**COMFAS0050**
I.	10mmX1.25X50 Bolt	**COMFAS0060**
J.	10mmX1.5X30 Bolt S/S	**COMFAS0260**
K.	3/8"-16 S/S Nut	**COMFAS0095**

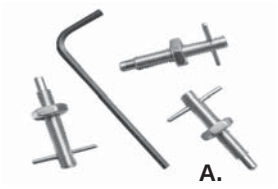


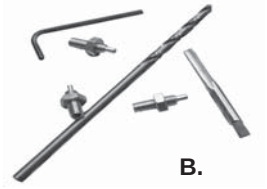
	Factory Pipe	Part No.
N.	KAW 800SXR Dry Pipe Head Bracket	**COMBRK0228**
O.	Kaw 800SXR Inline Filter	**COMFTG0036**
P.	Kaw 800SXR Wet Pipe Air Temperature Bypass Connector	**COMIGN0016**



2012 IJSBA Hall of Fame Recipient Ross Liberty, Founder and Owner of Factory Pipe and Living Legend Tuner Dan Lamey, Founder and Owner of DASA Racing at 2012 IJSBA Hot Products World Finals.

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A.


B.

HEADPIPE SCREW REPAIR KIT FOR FACTORY PIPE

This kit is designed to replace the water adjustment set screws supplied with Factory Pipe products exhaust systems utilizing their tunable headpipe. This kit will fit exhaust systems:
Yamaha B Pipe for SuperJets and Blasters
Kawasaki 750SX, 650SX, and X2.

Description	Part No.
A. JP Engineering Headpipe	**BK-TWISTER**
BK Twister Screw Kit ***(Standard size screws)***	
B. JP Engineering Headpipe	**JPE-KIT#2**
Screw Repair Kit for Factory Pipe ***(Oversize screws)***	


C.


D.

WATCON SPRAY NOZZLE FOR EXHAUST SYSTEMS

Description	Part No.
C. 1/8" NPT x 1/4" Hose Barb	**SPRAY-1**
D. 1/8" NPT x 3/8" Hose Barb	**SPRAY-2**

R&D EXHAUST SYSTEM REPLACEMENT PARTS


E.


F.


G.


H.

Description	Part No.
E. 5" ID x 3" L (SEA-DOO 785)	**060-05003**
F. 5" ID x 5" L	**060-05005**
G. 4.25" ID x 2.5" L (Super Jet Dry Pipe)	**060-70101**
H. Lord Mount	**080-70102**



R&D HIGH TEMPERATURE SILICONE COUPLINGS

Description	Part No.
3"-3" High Temp Silicone Couplings	**061-30030**
3"-2" Reducer High Temp Silicone Couplings	**061-32500**
2.75"-2.5" Reducer High Temp Silicone Couplings	**000-70101**
3"-2.75" Reducer High Temp Silicone Couplings	**061-32750**

HIGH TEMP BLUE SILICONE EXHAUST HOSE
SOLD IN 36" LENGTHS

This high temp blue silicone hose can be used for exhaust hose upgrades or replacement of OEM exhaust hoses. These exhaust hose lengths can also be used to make your own custom exhaust couplers.



36" = 91.44cm length

Inside Diameter	36" Length
1-3/4"	**52-9004**
2"	**52-9005**
2-1/4"	**52-9008**
2-1/2"	**52-9010**
3"	**52-9006**
3-1/2"	**52-9015**
4"	**52-9011**
4-1/2"	**52-9012**
5"	**52-9014**
5-1/2"	**52-9017**
6"	**52-9018**



T-BOLT CLAMPS

Size	Minimum Diameter Inch	Minimum Diameter mm	Max Diameter Inch	Max Diameter mm	Part No.
#238	2 15/64	2.224	2 29/64	2.442	**D43H-75-238**
#325	3 5/32	3.016	3 21/64	3.312	**D40H-75-325**
#400	3 49/64	3.766	4 1/6	4.062	**D40H-75-400**
#450	4 17/64	4.266	4 9/16	4.562	**D40H-75-450**
#500	4 49/64	4.766	5 1/16	5.062	**D40H-75-500**
#525	5 11/64	5.016	5 5/16	5.312	**D40H-75-525**
#550	5 17/64	5.266	5 9/16	5.562	**D40H-75-550**

All T-Bolt Clamps are 3/4" (.75mm) wide


I.
J.
K.

REPLACEMENT EXHAUST HOSE

Yamaha	OEM No.	Part No.
I. 701 Wave Venture 95-96	63N-14752-30	**011-500**
J. GP 1200 97-99	65U-14752-00-00	**011-501**

SEA-DOO		
K. GTI 06-07, GTX 06-07, RXP 06-07, RXT 06-07	274-001-302	**011-425**
K. 800 GTX RFI (1998-02) 951 GSX LTD (1998-99) GTX LTD, XP LTD (1998-99) 951 GTX, RX (2000-02) 951 LRV, XP (2000-01)	274-000-053	**011-430**

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EXHAUST BUSHINGS FOR SEA-DOO

SEA-DOO	OEM No.	Part No.
A. Exhaust Bushings. (95-06 GS, GTI, GTS, GTX, SP, SPI, SPX, XP) Sold in pairs.	293-830-031	**011-515**
B. Exhaust Bushing	274-000-114	**011-516**



REPLACEMENT EXHAUST DIFFUSER FOR KAWASAKI

Kawasaki	OEM No.	Part No.
C. 650TS (89-96), 750XI (98-99) 750SS (92-97), 750 SXI (93-97)	92190-3712	**011-510**
D. 750 STS (96-97) 750 STX (98)	92191-3733	**011-517**
900 STX (97-98)	92093-3751	**011-513**

RIVA RACING

RIVA FREE FLOW EXHAUST KITS



Replaces the restrictive sound suppression system on GPR and XLT models. Provides reduced back-pressure that improves engine's performance and reduces harmful detonation. Easy installation with noticeable results. IJSBA Superstock legal.

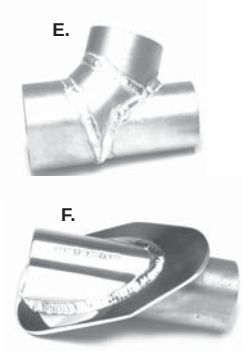
Yamaha	Part No.
Free-Flow Exhaust Kit, GP800R/1200R	**RY1620**
Free-Flow Exhaust Kit GP1300R	**RY1613**
Free-Flow Exhaust Kit FX/FXHO (All Models)	**RY1625**



BLOWSION FREESTYLE DUAL EXHAUST KIT

Unload that exhaust during tail stands! Kit includes all necessary hoses, clamps, exhaust splitter, aluminum outlet and detailed installation instructions. Our kits are ultra sano and feature a show quality polished outlet and pre bent hoses. Do not settle for cobbed together "universal" hoses and outlets. Absolutely necessary for the stand up purist.

Description	Part No.
Yamaha SuperJet 96+	**01-01-553**
Kawasaki 800 SXR	**01-01-507**



BLOWSION FREESTYLE YAMAHA EXHAUST AND SIDE EXHAUST OUTLET

Unload that exhaust during tail stands! Kit includes all necessary hoses, clamps, exhaust splitter, aluminum outlet and detailed installation instructions. Our kits are ultra sano and feature a show quality polished outlet and pre bent hoses. Do not settle for cobbed together "universal" hoses and outlets. Absolutely necessary for the stand up purist.

Description	Part No.
E. Yamaha Exhaust Splitter Only	**01-01-555**
F. Yamaha Side Exhaust Outlet	**01-01-554**



FUEL TANK BRACKET FOR SJ96+

This bracket attached on Super Jet Fuel Tanks utilizing OEM Fuel Tank Rubber Strap. Bracket holds MSD Water Control system (pre-drilled), Micro Touch Water Injection System and etc.

Yamaha	Part No.
Yamaha Superjet Fuel Tank Bracket	**115849**



JETWORKS WATER SOLENOIDS

Water fittings not included.

Description	Part No.
Poded Sealed Solenoids (Waterproof)	**PSOL-10**

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R&D D-PLATE FOR YAMAHA GP1200R/GP1300R, XLL/XLT1200

The new R&D D-Plate takes the place of the stock catalytic converter and delivers the best overall low, mid, peek and overall horsepower. The benefits include reducing engine compartment temperatures created by the catalytic converter and reliability of the complete stock exhaust assembly.

Description	Part No.
R&D D-Plate	332-12000



CAT TEMP SENSOR CHIP FOR YAMAHA GPR 1200 & 1300

Cat Temp Sensor Chip is a must when removing the OEM catalytic converter on Yamaha 1200 & 1300 Powervalve engines. The circuit is designed to mimic the signal sent to the OEM CDI by the catalytic converter's temperature probe preventing CDI, flutters, warning devices and engine shut downs due to cat removal. Can be used with stock or modified OEM CDI's. Plugs directly into factory wire harness.

Description	Part No.
RIVA Cat Temp Sensor Chip Yamaha 1200/1300 Powervalve (66V/66T)	RY115-20
R&D Cat Temp Sensor Chip	802-12001



R&D YAMAHA GP 1300R EXHAUST POWER SLEEVE

The R&D GP 1300R Exhaust Power Sleeve will add a serious boost to low end and mid range horsepower and performance! The R&D Exhaust Power Sleeve installs between the exhaust chamber and the catalytic housing to increase sonic wave energy! The R&D Exhaust power Sleeve will add the Y.P.V.S. (power valve) feel to the 2005 Yamaha's non-power valve engine!

Description	Part No.
Yamaha GP 1300R Exhaust Power Sleeve	332-13001



332-12003



332-12002

R&D BILLET EXHAUST VALVES FOR GPR

The R&D Billet Exhaust Valves reduce the clearance between the valve and piston, this reduced clearance improves the seal which boosts the valve down compressions ratio delivering greater bottom and mid-range power. Directly replace OEM YPVS valve units.

Yamaha	Part No.
GP800/GP1200R Exhaust Valve Kit (each)	332-12002
Exhaust Valve Arm Only	332-12003
GP1300R Exhaust Valve Kit (each)	332-13000



R&D KAWASAKI 800 SXR EXHAUST POWER SLEEVE

The new R&D billet aluminum Exhaust power Sleeve is designed to insert into the stinger of the stock exhaust to reduce the stinger size thereby increasing back pressure. This is a simple installation that will increase top speed and add 100 RPM.

Description	Part No.
Kawasaki 800 SXR Exhaust Power Sleeve	331-80000



Greco Guiseppe (World Champion of 2011 Novice Runabout Ltd, Expert Veteran Open) (far right), Matteo Frolla (far left), and Stefano Formalani of STE Racing in Italy (2nd from left) visited Hot Products in 2012.

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A.


B.


C.


D.

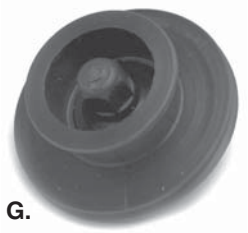

E.

REPLACEMENT POWER VALVE PARTS FOR SEA-DOO

Description	OEM No.	Part No.
A. Power Valve Bellow	**420-260-723**	**010-495-05**
B. Power Valve Rubber Boot Spring (Large)	**420-239.048**	**010-495-06**
C. Power Valve Rubber Boot Spring (Small)	**420-838.253**	**010-495-07**
D. Power Valve Gasket	**290-931-540**	**6618**
E. Power Valve Stem O-Ring	**290-430-110**	**6622**

WSM PERFORMANCE PARTS


F.


G.

POWER VALVE PISTON FOR SEA-DOO

Description	OEM No.	Part No.
F. Fits All Engines with Power Valve	**420-854-449**	**010-495-10**
G. Sea-Doo Power Valve for use with Muffler PowerValve Assembly GSX (96-99), GTX (96-99), LRV (2000), SP (97), SPX (97-99), XP (96-99)	**420-253-255**	**010-495-15**



HOT PRODUCTS


H.


I.


J.

JETWORKS FLOW CONTROL VALVE

The Flow Control Valve provides improved throttle response and much quicker starts by drying out your waterbox at low rpm and idle speeds. Tests have shown an average acceleration improvement of 10 feet over a non-equipped model in the first 50 feet. The Flow Control Valve allows unrestricted water flow to the Stinger for better top speed. Yet it controls the amount of water at low speeds for better response. It also allows for an easier tuning of the Carburetors. It does not interfere with normal engine or exhaust pipe cooling and is compatible with all electronic water injection systems. Race Legal for All Classes. Two Models are available. Both are adjustable. The Standard Flow Control Valve is preset at 3.5 p.s.i. and is adjusted by adding the supplied stainless steel shims to increase the spring tension. The Pro-Series is externally adjustable by turning the outer housing by hand. Pressure can be tested with pop off gauge. All PWC w/OEM or aftermarket exhaust systems (except Yamaha's w/OEM exhaust)

Description	Color	Hose ID	Part No.
H. Standard Flow Control Valve	Red	3/8"	**52-3118**
I. Pro Flow Control Valve	Blue	3/8"	**52-3119**
J. Pro Flow Control Valve	Blue	1/4"	**52-3122**


QD-14


QD-38

JETWORKS QUICK DISCONNECT WATER RESTRICTOR

QD-38 comes with 4/3/2mm restrictor inserts used for controlling water flow through exit passes, stinger, head pipes, etc. QD-14 is for use with Mikuni Jets (not included), and allows quick change in small increments of water flow.

Description	Hose ID	Part No.
Quick Disconnect Water Restrictor	3/8"	**QD-38**
Quick Disconnect Water Restrictor	1/4"	**QD-14**

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1988-2012 SEA-DOO WATERCRAFT IMPELLER APPLICATIONS GUIDE

					RECOMMENDED SKAT-TRAK IMPELLER		
Model	Year	Engine	Orig. Imp.	Pump Dia.	Stock Engine	Limited Engine	Modified Engine
LRV DI	02-04	951	n/a	155.5mm	SS5583SW1418	SS5583SW1319	SS5583SW1320
LRV	00-01	951	n/a	155.5mm	SS5583SW1418	SS5583SW1319	SS5583SW1320
3D DI	06-07	951	n/a	155.5mm	SS5583SW1319	Call for application	Call for application
3D Base	2005	800	n/a	155.5mm	SS5583SW1016	Call for application	Call for application
3D Premium	2005	800	n/a	155.5mm	SS5583SW1016	Call for application	Call for application
RXP 215	04-10	1494 SC	n/a	159.8mm	SS598328SW31318	SS5983SW1419	Call for application
RXP-X 255	08-11	1494 SC	n/a	159.8mm	SS598328SW31419	SS598328SW31420	Call for application
RXT 215	05-10	1494 SC	n/a	159.8mm	SS598328SW31317	SS598328SW31418	Call for application
RXT-X 255	08-10	1494 SC	n/a	159.8mm	SS598328SW31318	SS59832SW31419	Call for application
RXP-X 260	10-12	1494 SC	n/a	159.8mm	SS598323SW31419	SS598328SW31420	Call for application
RXP 155	07-08	1494	n/a	155.8mm	SS55832333SW1317.5	SS55832333SW1318	Call for application
RXT 260	11-12	1494 SC	n/a	159.8mm	SS598328SW31419	SS598328SW31420	Call for application
RXT aS 260	2011	1494 SC	n/a	159.8mm	SS598328SW31419	SS598328SW31420	Call for application
RXT-X 260	11-12	1494 SC	n/a	159.8mm	SS598328SW31419	SS598328SW31420	Call for application
RXT-X aS 260	2012	1494	n/a	159.8mm	SS598328SW31419	SS598328SW31420	SS598328SW31520
RXT iS 255	2009	1494 SC	n/a	159.8mm	SS598328SW31318	SS598328SW31419	Call for application
RXT iS 260	10-12	1494 SC	n/a	159.8	SS598328SW31318	SS598328SW31419	Call for application
RXX	01	951	16/23 D-75 Mag	148mm	SSD75SW1623	SSD75SW1624	SSD75SW1625
RX Di	00-04	951	n/a	155.5mm	SS5583SW1319	SS5583SW1320	SS5583SW1321
RX	00-02	951	n/a	155.5mm	SS5583SW1319	SS5583SW1320	SS5583SW1321
XP Di	03-04	951	n/a	155.5mm	SS5583SW1320	SS5583SW1321	Call for application
XP Ltd.	98-02	951	13/21	155.5mm	SS5583SW1321	SS5583SW1321	SS55831322
XP 800	97	800	16/23	140mm	*SSSW1722 or SSSS1726**	*SSSW1723 or SSSS1726**	*SSSW1724B or SSSS17.527**
	95-96	800	17/25	140mm	*SSSW1722 or SSSS1726**	*SSSW1723 or SSSS1726**	*SSSW1724B or SSSS17.527**
XP	95	720	10/22	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B
	94	650	16/24	140mm	*SSSW1520 or SSSL1419**	*SSSW1520 or SSSL1419**	*SSSW1621 or SSSL1520**
	93	650	15/20.5	140mm	*SSSW1419 or SSSL1318**	*SSSW1520 or SSSL1419**	*SSSW1621 or SSSL1520**
	91-92	580	19	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
GSX Ltd.	98-99	951	16/21	155.5mm	SS5583SW1320	SS5583SW1320	SS5583SW1321
	97 1/2	951	n/a	155.5mm	SS55SS1418	SS55SS1418	SS55SS1419
GSX RFI	99-01	800	12/25	140mm	SS4075SW1621	SS4075SW1622	SS4075SW1623
GSX	96-97	800	17/24,16/23	140mm	*SSSW1722 or SSSS1625**	*SSSW1723 or SSSS1726**	*SSSW1724B or SSSS17.527**
GSi	97	720	11/22	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B
GS	98-01	720	11/22, 14/21	140mm	SSSW1520	SSSW1621	SSSW14.522.5
	97	720	10/35 al	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B
HX	95-97	720	10/22,11/24	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B

** Suggested for maximum bottom-to-mid range acceleration gains. ** Suggested for maximum top speed gains. NOTE: 17/24B is **NOT** as aggressive as the original 17/24 swirl impeller. Refer to the USBA Rulebook for a more detailed definition of "stock, Limited, and Modified."*

SKAT TRAK IMPELLER DESIGNS AND PITCHES AVAILABLE

SWIRL

PITCH	PART NUMBER
12/17	SSSW1217
13/18	SSSW1318
14/19	SSSW1419
15/20	SSSW1520
16/21	SSSW1621
14.5/22.5	SSSW14.522.5
16/23	SSSW1623
16/24	SSSW1624
16/25	SSSW1625
17/22	SSSW1722
17/23	SSSW1723
17/24B	SSSW1724B
17/24	SSSW1724

140/75 SWIRL

PITCH	PART NUMBER
16/21	SS4075SW1621
16/22	SS4075SW1622
16/23	SS4075SW1623

SLIM LINE

PITCH	PART NUMBER
12/17	SSSL1217
13/18	SSSL1318
14/19	SSSL1419
15/20	SSSL1520
16/21	SSSL1621
17/22	SSSL1722

SSL

PITCH	PART NUMBER
16/25	SSSS1625
17/26	SSSS1726
17.5/27	SSSS17.527

159/83/28 3-BLADE SWIRL SUPER PRO

PITCH	PART NUMBER
13/17	SS598328SW31317
13/18	SS598328SW31318
14/19	SS598328SW31419
14/20	SS598328SW31420
15/18	SS598328SW31518
15/19	SS598328SW31519
15/20	SS598328SW31520
15.5/21.5	SS598328SW3155215

155/83 SWIRL

PITCH	PART NUMBER
10/16	SS5583SW1016
11/17	SS5583SW1117
13/18	SS5583SW1318
13/19	SS5583SW1319
13/20	SS5583SW1320
13/21	SS5583SW1321
13/22	SS5583SW1322
14/18	SS5583SW1418

155/83 SSL

PITCH	PART NUMBER
13/19	SS5583SS1319
13/20	SS5583SS1320
13/21	SS5583SS1321

155 SSL

PITCH	PART NUMBER
14/18	SS55SS1418
14/19	SS55SS1419

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1988-2012 SEA-DOO WATERCRAFT IMPELLER APPLICATIONS GUIDE

Skat-Trak Performance Products USA

					RECOMMENDED SKAT-TRAK IMPELLER		
Model	**Year**	**Engine**	**Orig. Imp.**	**Pump Dia.**	**Stock Engine**	**Limited Engine**	**Modified Engine**
SPX	97-99	800	16/24, 16/23	140mm	*SSSW1722 or SSSS1726*	SSSW1723/SSSS1726	*SSSW1724B or SSSS17.527
	96	720	11/24	140mm	*SSSW1621 or SSSL1520*	SSSW14.522.5	SSSW1722 to SSSW1724B
	95	650	11/21	140mm	*SSSW1520 or SSSL1419*	*SSSW1520 or SSSL1419**	*SSSW1621 or SSSL1520**
	94	650	14/21.5	140mm	*SSSW1419 or SSSL1318*	*SSSW1520 or SSSL1419**	*SSSW1621 or SSSL1520**
	93	580	16/20.5	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
SPi	94-96	580	14/21	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
	93	580	17.7	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
SP	97	720	16/35 al	140mm	SSSW1520/SSSL1419	SSSW14.522.5	SSSW1722 to SSSW1724B
	88-96	580	18.8 al	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
GTR 215	2012	1494	n/a	159.8mm	SS598328SW31318	Call for application	Call for application
GTX 4-Tec	02-04	1494	n/a	155.8mm	SS558323SW1520	SS558323SW1621	Call for application
4-Tec SC	03-04	1494 SC	n/a	155.8mm	SS558323SW1621	Call for application	Call for application
4-Tec Tow	03-04	1494	n/a	155.8mm	SS558323SW1520	SS558323SW1621	Call for application
WAKE 155	05-09	1494	n/a	155.8mm	SS558323SW1520	Call for application	Call for application
WAKE 215	07-09	1494 SC	n/a	159.8mm	SS598328SW31317	Call for application	Call for application
GTX S 155	2012	1494	n/a	155.8mm	SS55832333SW1216	Call for application	Call for application
GTX DI	00-03	951	n/a	155.5mm	*SS5583SW1319 or SS5583SW1418**	SS5583SW1320	SS5583SW1321
GTX Ltd. 215	05-08	1494 SC	n/a	159.8mm	SS5959832831317	Call for application	Call for application
GTX Ltd.	98-02	951	13/21	155.5mm	SS5583SW1319	SS5983SW1319	SS5583SW1321
GTX RFI	98-02	800	16/24, 12/25	140mm	SS4075SW1622	SS4075SW1623	SS4075SW1623
GTX iS 255	2009	1494 SC	n/a	159.8mm	SS598328SW31318	Call for application	Call for application
GTX SC 215	05-12	1494 SC	n/a	159.8	SS5983283SW31317	Call for application	Call for application
GTX 155	05-12	1494	n/a	155.8mm	SS558323SW1520	Call for application	Call for application
GTX iS 255	2009	1494 SC	n/a	159.8mm	SS598328SW31318	Call for application	Call for application
GTX Ltd iS 260	10-12	1494 SC	n/a	159.8mm	SS598328SW31318	Call for application	Call for application
GTX iS 215	2011	1494 SC	n/a	159.8mm	SS598328SW31318	Call for application	Call for application
GTX	96-97	800	17/25,12/24	140mm	*SSSW1722 or SSSS1625**	*SSSW1723 or SSSS1726	*SSSW1724B or SSSS17.527**
	95	650	10/22	140mm	*SSSW1520 or SSSL1419**	*SSSW1520 or SSSL1419	*SSSW1621 or SSSL1520**
	94	650	15/20	140mm	*SSSW1419 or SSSL1318**	*SSSW1520 or SSSL1419	*SSSW1621 or SSSL1520**
	92-93	580	18.3	140mm	SSSL1318	*SSSL1318 or SSSL1419	*SSSL1419 or SSSL1621**
GTi LE RFI	03-04	800	n/a	155.5mm	SS5583SW1016	SS5583SW1117	Call for application
GTi LE	02-05	720	n/a	155.5 mm	SS5583SW1016	*SS5583SW1016 or SS5583SW1117**	Call for application
GTi RFI	04-05	800	n/a	155.5mm	SS5583SW1016	SS5583SW1117	Call for application
GTi SE 130	06-09	1494	n/a	155.8mm	SS55832333SW1215	Call for application	Call for application
GTi 130	06-09	1494	n/a	155.8mm	SS55832333SW1215	Call for application	Call for application
GTi SE 155	07-09	1494	n/a	155.8mm	SS55832333SW1215	Call for application	Call for application
GTi Ltd 155	11-12	1494	n/a	155.5mm	SS55832333SW1216	Call for application	Call for application
GTi	02-05	720	n/a	155.5 mm	SS5583SW1016	*SS5583SW1016 or SS5583SW1117**	Call for application
	99-01	720	n/a	140mm	SS4075SW1621	SS4075SW1622	Call for application
	96-98	720	11/24,11/22	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B
GTS 130	11-12	1494	n/a	155.5mm	SS55832333SW1215	Call for application	Call for application
GTS	01-02	720	n/a	155.5mm	SS5583SW1016	SS5583SW1117	Call for application
	97-00	720	11/22	140mm	*SSSW1621 or SSSL1520**	SSSW14.522.5	SSSW1722 to SSSW1724B
	94-96	580	14/21,15/21,10/25	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
	92-93	580	17	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621
GT	90-91	580	17 al	140mm	SSSL1318	*SSSL1318 or SSSL1419**	SSSL1419 to SSSL1621

** Suggested for maximum bottom-to-mid range acceleration gains. ** Suggested for maximum top speed gains. NOTE: 17/24B is **NOT** as aggressive as the original 17/24 swirl impeller. Refer to the USBA Rulebook for a more detailed definition of "stock, Limited, and Modified."*

155/83/23 SWIRL

PITCH	PART NUMBER
15/20	**SS558323SW1520**
16/21	**SS558323SW1621**

155-83-23-33 3 BLADE SWIRL
WITH BILLET 22-33 NOSE BOOT

PITCH	PART NUMBER
12/15	**SS55832333SW1215**
13/17.5	**SS55832333SW13175**

SKAT-TRAK REPLACEMENT NOSE BOOT AND O-RING



Description	Part No.
1. SJ/FX	**SK-NB6**
2. KAW/SD/YAM/SWIRL	**RIMPNOSEBOOT7**
3. YAM GPR.XL-L	**SK-NB155XL**
4. SD SUPER SLIM LINE	**SK-NBSSL**
5. O-RING KAWASAKI	**SK-KAW-O**
6. 750/900 PLUG O-RING	**SK-750-O**
7. O-RING Sea-Doo	**SK-SD-O**

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1987-2012 YAMAHA WATERCRAFT IMPELLER APPLICATIONS GUIDE

					RECOMMENDED SKAT-TRAK IMPELLER		
Model	**Year**	**Engine**	**Orig. Imp.**	**Pump Dia.**	**Stock Engine**	**Limited Engine**	**Modified Engine**
SUV 1200	99-04	1131	15.2	155mm	SY55XLSW1218R	*SY55XLSW1218R or SY55XLSW1319R**	SY55XLSW1319R
FZR	09-12	1812	n/a	155mm	SY557525SW1220	Call for application	Call for application
FZS	09-12	1812	n/a	155mm	SY557525SW1119	Call for application	Call for application
VXS	2012	1812	10/17	155mm	SY557525SW1118	SY557525SW1219	SY557525SW1320
VXR	2012	1812	10/17	155mm	SY557525SW1118	SY557525SW1219	SY557525SW1320
VX 110	05-09	1052	n/a	155mm	SY55KYSW1624	Call for application	Call for application
VX 110 Delux	05-09	1052	21.2	155mm	SY55KYSW1523	Call for application	Call for application
VX 110 Sport	05-09	1052	21.2	155mm	SY55KYSW1523	Call for application	Call for application
VX Cruiser	07-12	1052	n/a	155mm	SY22KYSW1523	Call for application	Call for application
FX SHO	08-11	1812	n/a	155mm	SY557525SW1119	SY557525SW1220	SY557525SW1323
FX Cruiser SHO	08-09	1812	n/a	155mm	Call for application	Call for application	Call for application
FX H.O.	04-09	1052	16.8	155mm	SY55XLMSW1824	Call for application	Call for application
FX-140	02-08	998	16.3	155mm	SY55XLSW1319R	*SY55XLSW1319R or SY55XLSW1420R**	Call for application
FX Cruiser H.O. 50th	2006	1052	n/a	155mm	SY55XLMSW1824	Call for application	Call for application
FX Cruiser HO	04-09	1052	16.8	155mm	SY55XLMSW1824	Call for application	Call for application
FX Cruiser	03-08	998	17	155mm	SY55XLSW1319R	*SY55XLSW1319R or SY55XLSW1420R*	Call for application
FX	02-08	998	n/a	155mm	SY55XLSW1319R	Call for application	Call for application
GP 1200	97-99	1131	16.5/19, 15.2	155mm	*SY55SW1419 or SY55SSL1319**	*SY55XLSW1419 or SY55SSL1420**	SY55SSL14.521
GP 1300R	03-08	1296	n/a	155mm	*SY55XLSW1319R or SY55SW1321R**	*SY55XLSW1319R or SY55XLSW1420R**	SY55XLSW1319R
GP 1200R	99-02	1131	16/19	155mm	SY55XLSW1319R	*SY55XLSW1319R or SY55XLSW1420R**	SY55XLSW1420R
GP 800	98-00	784	15/21, 17/1	144mm	SY44SS1420	SY44SS1422	SY44SS1422
GP 800R	01-05	784	13.2	155mm	SY55XLSW0714	Call for application	Call for application
GP 760	97-00	754	17/20	144mm	SY44SS1420	SY44SS1420	SY44SS1422
Raider 1100	95-96	1100	16/19	155mm	*SY55SW1419 or SY55SSL1420**	*SY55SW1419 or SY55SSL1420**	SY55SSSL14.521
Raider 760	96	760	17/20	144mm	SY44SS1420	SY44SS1420	SY44SS1422
Raider 701	94-95	701	17/20	144mm	SY44SS14.518.5	SY44SS1519	SY44SS1420
	96-97	701	13/16 al	144mm	SY44SS1418	SY44SS14.518.5	SY44SS1420 to SY44SS1519
Raider DLX	95	701	17/20	144mm	SY44SS14.518.5	SY44SS1519	SY44SS1420

***Suggested for maximum bottom-to-mid range acceleration gains.** ****Suggested for maximum top speed gains.**
Refer to the USBA Rulebook for a more detailed definition of "Stock, Limited, and Modified."

SKAT TRAK IMPELLER DESIGNS AND PITCHES AVAILABLE

155-75-22 SWIRL

PITCH	PART NUMBER
13/19	**SY55XLMSW1319**
13/19R	**SY55XLMSW1319R**
13/20	**SY55XLMSW1320**
13/20R	**SY55XLMSW1320R**
13/21	**SY55XLMSW1321**
13/21R	**SY55XLMSW1321R**
18/23	**SY55XLMSW1823**
18/23R	**SY55XLMSW1823R**
18/24	**SY55XLMSW1824**
18/24R	**SY55XLMSW1824R**
18/25	**SY55XLMSW1825**
18/25R	**SY55XLMSW1825R**

155-61-22 SWIRL

PITCH	PART NUMBER
7/12	**SY55XLSW0712**
7/14	**SY55XLSW0714**
10/16	**SY55XLSW1016**
12/18R	**SY55XLSW1218R**
13/18	**SY55XLSW1318**
13/19	**SY55XLSW1319**
13/19R	**SY55XLSW1319R**
14/19	**SY55XLSW1419**
14/20	**SY55XLSW1420**
14/20R	**SY55XLSW1420R**
14/22	**SY55XLSW1422**
15/20	**SY55XLSW1520**

155-75-25 SWIRL

PITCH	PART NUMBER
11/18	**SY557525SW1118**
11/19	**SY557525SW1119**
12/19	**SY557525SW1219**
12/20	**SY557525SW1220**
13/20	**SY557525SW1320**
13/21	**SY557525SW1321**
13/22	**SY557525SW1322**
13/23	**SY557525SW1323**
13/24	**SY557525SW1324**
13/25	**SY557525SW1325**



WATCON IMPELLER PITCH GAUGES

It's a known fact; not all impellers are created equal. Sometimes when impellers are mass produced, there are subtle differences that can affect performance. Use this simple tool to measure the pitch angle and blade length of each blade throughout its circumference. This enables you to make adjustments to the pitch where needed. Great for fine tuning, making minor changes or verifying pitch when sending impellers off for repair.

Description	Part No.
140-142mm Impeller Pitch Guage	**IMP-142**
144-148mm Impeller Pitch Guage	**IMP-148**
155-160mm Impeller Pitch Guage	**IMP-160**

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1987-2012 YAMAHA WATERCRAFT IMPELLER APPLICATIONS GUIDE

					RECOMMENDED SKAT-TRAK IMPELLER		
Model	**Year**	**Engine**	**Orig. Imp.**	**Pump Dia.**	**Stock Engine**	**Limited Engine**	**Modified Engine**
XLT 1200 Ltd.	99-05	1176	15.2, 15.6	155mm	SY55XLSW1218R	*SY55XLSW1218R or SY55XLSW1319R**	SY55XLSW1420R
XL 1200	98-99	1176	13/19	155mm	SY55SW1217	SY55SW1318	SY55SW1318
Venture 1100	96-97	1100	16/19	155mm	*SY55SW1419 or SY55SSL1319**	*SY55SW1419 or SY55SSL1420**	SY55SSL14.521
XLT 800	00-04	784	n/a	155mm	SY55XLSW1016	Call for application	Call for application
XL 760	98-00	754	11/14	155mm	SY55SW0714	Call for application	Call for application
XL 700	99-04	701	11/14	155mm	SY55SW0712	SY55SW0714	Call for application
Venture 760	97	760	11/14	155mm	SY55SW0714	SY55SW0714	Call for application
Venture 700	98	701	11/14	155mm	SY55SW0712	SY55SW0714	Call for application
Venture 700	95-96	701	17/20	144mm	SY44SS14.518.5	SY44SS1519	SY44SS1420
Blaster 2	96-97	760	13/16	155mm	SY55SW0714	SY55SW0714	Call for application
Blaster	93-96	701	15/18	144mm	SY44SS1418	SY44SS14.518.5	SY44SS1420 to SY44SS1519
Pro VXR	93-94	701	15/18	144mm	SY44SL1419	SY44SL1419	SY44SL1419 to SY44SL1520
VXR	91-95	650	14/19 al	144mm	SY44SL1318	SY44SL1419	SY44SL1419 to SY44SL1520
Wave 3 GP	94-95	701	15/18	144mm	*SY44SL1318 or SY44SL1419**	SY44SL1419	SY44SL1419 to SY44SL1520
Wave 3	97	701	13/16 al	144mm	SY44SL1318	SY44SL1318 to SY44SL1419	SY44SL1419 to SY44SL1520
Wave 3	91-96	650	13/16 al	144mm	SY44SL1318	SY44SL1318 to SY44SL1419	SY44SL1419 to SY44SL1520
SuperJet	94-12	701	13/16	144mm	SY44SS1418	SY44SS14.518.5	SY44SS1420 to SY44SS1519
SuperJet	90-93	650	14/19 al	144mm	SY44SS1418	SY44SS14.518.5	SY44SS1420 to SY44SS1519
SJ FreeStyle	all	all	n/a	144mm	SY44SW1217 or SY44SW1317 or SY44SW1318	SY44SW1419 or SY44SW1520	SY44S1519 or SY44SW1520 or SY44SW1621
FX-1	94-95	701	21/27 al	n/a	SYFX1SL1924	SYFX1SL1924	SYFX1SL2025
LX 650	all	650	17 al	n/a	SYLX1619	SYLS1619	SYLX1720
Wave 500	all	500	16 al	n/a	SY500WR1316	SY500WR1316	SY500WR1417

Suggested for maximum bottom-to-mid range acceleration gains. ** Suggested for maximum top speed gains.
Refer to the USBA Rulebook for a more detailed definition of "Stock, Limited, and Modified."

SKAT TRAK IMPELLER DESIGNS AND PITCHES AVAILABLE

144 SSL

PITCH	PART NUMBER
14/18	**SY44SS1418**
14.5/18.5	**SY44SS14.518.5**
14/20	**SY44SS1420**
14/22	**SSY44SS1422**
15/19	**SY44SS1519**

155-75-20K YAM SWIRL

PITCH	PART NUMBER
15/23	**SY55KYSW1523**
16/23	**SY55KYSW1623**
16/24	**SY55KYSW1624**
17/24	**SY55KYSW1724**

144 SLIM LINE

PITCH	PART NUMBER
13/18	**SY44SL1318**
14/19	**SY44SL1419**
15/20	**SY44SL1520**
16/21	**SY44SL1621**

155-61-20 SWIRL

PITCH	PART NUMBER
7/12	**SY55SW0712**
7/14	**SY55SW0714**
12/17	**SY55SW1217**
13/18	**SY55SW1318**
14/19	**SY55SW1419**
15/20	**SY55SW1520**
16/21	**SY55SW1621**

144 SWIRL

PITCH	PART NUMBER
12/17	**SY44SW1217**
13/17	**SY44SW1317**
13/18	**SY44SW1318**
14/19	**SY44SW1419**
15/19	**SY44SW1519**
15/20	**SY44SW1520**
16/21	**SY44SW1621**

155-61-20 SSL

PITCH	PART NUMBER
14/18	**SY55SSL1319**
14.5/21	**SY55SSL14.521**
14/20	**SY55SSL1420**

IMPELLER/DRIVESHAFT HOLDER AND REMOVAL TOOL



Sea-Doo	Part No.
A. 580/650/720/800/951 All **18mm spline**	**TOOL#23**

Polaris	Part No.
B. Polaris ALL & long reach univ.	**TOOL#38**

Kawasaki	Part No.
A. SX, X2, TS, SC, Ultra 250/260/300 **18mm spline**	**TOOL#23**
C. 440/550-89 **16mm spline**	**TOOL#24**

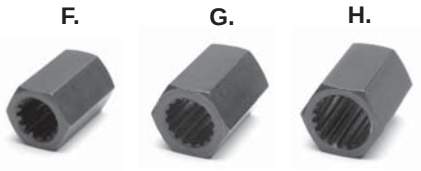


Sea-Doo	Part No.
D. GTX 4Tec Super Charged	**TOOL#70**
E. RXP/RXT 27MM	**TOOL#71**



SOLAS RXP/RXT IMPELLER HOLDER TOOL

Sea-Doo	Part No.
RXP/RXT 27MM	**WR012-SRX**



Yamaha	Part No.
F. WR500, WJ650LX **16mm spline**	**TOOL#27**
G. 650/701/760/1100/1200 **18mm spline**	**TOOL#32**
H. GP1200R **20mm spline**	**TOOL#56**
SHO/FZR/FZS	**TOOL#53**

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1977-2012 KAWASAKI WATERCRAFT IMPELLER APPLICATIONS GUIDE

				RECOMMENDED SKAT-TRAK IMPELLER		
Model	**Year**	**Orig. Imp.**	**Pump Dia.**	**Stock Engine**	**Limited Engine**	**Modified Engine**
Ultra 300 X	11-12	n/a	160mm	SK608320SW1621	SK608320SW1622	SK608320SW1623
Ultra 300 LX	11-12	n/a	160mm	SK608320SW1621	SK608320SW1622	SK608320SW1623
Ultra 260 X	09-12	n/a	155mm	SK557520SW1419	Call for application	Call for application
Ultra 260 LX	09-12	n/a	155mm	SK557520SW1419	Call for application	Call for application
Ultra 250 X	07-08	n/a	155mm	SK557520SW1318	SK557520SW1318 or SK557520SW1319	SK557520SW1319 or SK557520SW1420
Ultra LX	07-12	n/a	155mm	SK557520SW1016	Call for application	Call for application
Ultra 130 Di	01-04	n/a	Tapered	SK150SW1419	SK150SW1520	SK150SW1421/SK150SW1422/ SK150SW1423
Ultra 150	99-05	n/a	Tapered	SK150SW1419	SK150SW1420	SK150SW1421/SK150SW1422/ SK150SW1423
STX 12-F	04-08	n/a	148mm	*SK1100SW1319 or SK1100SW1319R**	SK1100SW1420	Call for application
STX 15-F	04-10	n/a	148mm	*SK1100SW1319 or SK1100SW1319R**	Call for application	Call for application
Ultra STX	2009	n/a	148mm	*SK1100SW1319 or SK1100SW1319R**	Call for application	Call for application
1200 STX-R	02-05	n/a	148mm	*SK1100SW1424 or SK1100SW1424R**	*SK1100SW1424 or SK1100SW1424R**	*SK1100SW1424 or SK1100SW1424R**
1100 STX DI	00-03	n/a	148mm	SK1100SW1319R	SK1100SW1420	SK1100SW1420
1100 STX	97-99	8/22	148mm	SK1100SW1318	SK1100SW1318 to SK1100SW1319	SK1100SW1420 to SK1100SW1424
900 STX	01-06	12/17	148mm	SK1100SW1217	SK1100SW1318	SK1100SW1419
900 STX	97-00	10/24	140mm	*SK900SW1419 or SK900SL1520**	*SK900SW1419 or SK900SL1621**	*SK900SW1520 or SK900SL1722**
1100 ZXi	99-03	7/20	148mm	SK1100SW1318	*SK1100SW1318 or SK1100SW1319**	SK1100SW1420 to SK1100SW1424
900 ZXi	95-97	14/22	140mm	*SK900SW1419 or SK900SL1520**	*SK900SW1419 or SK900SL1621**	*SK900SW1520 or SK900SL1722**
900 STS	01-02	n/a	140mm	SK900SL1621	SK900SL1722	SK900SL1723
750 ZXi	95-97	14/22	140mm	SK900SW1318	SK900SW1318 to SK900SW1419	SK900SW1419 to SK900SW1520
750 Xi Sport	98-99	13/18	140mm	*SK900SW1217 or SK750ST1018**	*SK900SW1217 or SK750ST1119**	*SK900SW1318 or SK900SL1318**
750 Xi	96-97	13/18	140mm	*SK900SW1217 or SK750ST1018**	*SK900SW1217 or SK750ST1119**	*SK900SW1318 or SK900SL1318**
750 Xi	93-95	8/16 5-blade	140mm	SK750ST1018	SK750ST1119	*SK900SW1318 or SK900SL1318**
800 SX-R	03-12	n/a	140mm	SK4075SW1318	SK4075SW1419	SK4075SW1520

Suggested for maximum bottom-to-mid range acceleration gains. ** Suggested for maximum top speed gains.
Refer to the USBA Rulebook for a more detailed definition of "Stock, Limited, and Modified."

SKAT TRAK IMPELLER DESIGNS AND PITCHES AVAILABLE

550 JS

PITCH	PART NUMBER
13/16	SK550ST1316
14/17	SK550ST1417

550 SX

PITCH	PART NUMBER
13/16	SK550SX1316
14/17	SK550SX1417

650 STANDARD

PITCH	PART NUMBER
8/16	SK650ST0816
9/17	SK650ST0917
10/18	SK650ST1018
11/19	SK650ST1119

750 STANDARD

PITCH	PART NUMBER
8/16	SK750ST0816
9/17	SK750ST0917
10/18	SK750ST1018
11/19	SK750ST1119
12/20	SK750ST1220

60-83-20 3-BLADE SWIRL

PITCH	PART NUMBER
16/21	SK608320SW1621
16/22	SK608320SW1622
16/23	SK608320SW1623

750/900 SWIRL

PITCH	PART NUMBER
12/17	SK900SW1217
13/18	SK900SW1318
14/19	SK900SW1419
15/20	SK900SW1520
16/21	SK900SW1621
17/22	SK900SW1722

750/900 SLIM LINE

PITCH	PART NUMBER
12/17	SK900SL1217
13/18	SK900SL1318
14/19	SK900SL1419
15/20	SK900SL1520
16/21	SK900SL1621
17/22	SK900SL1722
18/23	SK900SL1823

ULTRA 150 SWIRL

PITCH	PART NUMBER
14/19	SK150SW1419
14/20	SK150SW1420
14/21	SK150SW1421
14/22	SK150SW1422
14/23	SK150SW1423
14/24	SK150SW1424

140-75 SWIRL

PITCH	PART NUMBER
9/17	SK4075SW0917
10/18	SK4075SW1018
13/18	SK4075SW1318
14/18	SK4075SW1418
14/19	SK4075SW1419
15/20	SK4075SW1520

155-75-20 SWIRL

PITCH	PART NUMBER
12/19	SK557520SW1219
12/20	SK557520SW1220
13/18	SK557520SW1318
13/19	SK557520SW1319
13/21	SK557520SW1321
14/20	SK557520SW1420

1100/1200 SWIRL

PITCH	PART NUMBER
12/17	SK1100SW1217
13/18	SK1100SW1318
13/19	SK1100SW1319
13/19R	SK1100SW1319R
14/19	SK1100SW1419
14/20	SK1100SW1420
14/23	SK1100SW1423
14/24	SK1100SW1424
14/24R	SK1100SW1424R
14/25	SK1100SW1425
14/25R	SK1100SW1425R
16/25	SK1100SW1625

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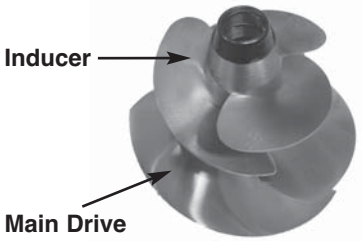
1977-2012 KAWASAKI WATERCRAFT IMPELLER APPLICATIONS GUIDE

				RECOMMENDED SKAT-TRAK IMPELLER		
Model	**Year**	**Orig. Imp.**	**Pump Dia.**	**Stock Engine**	**Limited Engine**	**Modified Engine**
750 Sxi Pro	98-02	9/17	140mm	*SK750ST0917 or SK750ST1018**	*SK900SW1217 or SK750ST1018**	*SK900SW1318 or SK900SL1318**
750 SXi	95-96	9/17	140mm	*SK750ST0917 or SK750ST1018**	*SK900SW1217 or SK750ST1018**	*SK900SW1318 or SK900SL1318**
750 SX	92-95	14/19 alum.	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
750 SS	96-97	12/17	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
	92-95	14/19 alum.	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
750 XIR	94	9/17	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
750 STX	98	12/17	140mm	*SK900SW1217 or SK750ST1018**	SK900SW1318	SK900SW1419
750 STS	96-97	12/17	140mm	*SK900SW1217 or SK750ST1018**	*SK900SW1217 or SK750ST1119**	*SK900SW1318 or SK900SL1318**
	95	13/18	140mm	*SK900SW1217 or SK750ST1018**	*SK900SW1217 or SK750ST1119**	*SK900SW1318 or SK900SL1318**
750 ST	95	13/21	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
	93-94	10/18 alum. 5-bl.	140mm	SK750ST0917	SK750ST0917 to SK750ST1018	*SK900SW1318 or SK900SL1318**
650 TS	89-96	16.5 alum.	140mm	SK650ST0917	SK650ST0917 to SK650ST1018	SK650ST1119
650 SX	86-93	15 alum.	140mm	SK650ST0816	SK650ST0917	SK650ST1018 to SK650ST1119
650 X-2	86-95	18 alum.	140mm	SK650ST0816	SK650ST0917	SK650ST1018 to SK650ST1119
650 SC	91-95	16.5 alum.	140mm	SK650ST0917	SK650ST0917 to SK650ST1018	SK650ST1119
650 JM	91-92	15 alum.	140mm	SK650ST0917	SK650ST0917 to SK650ST1018	SK650ST1119
550 SX	90-95	17.5 alum.	Tapered	SK550SX1316	SK550SX1316	SK550SX1417
550 JS	82-89	16 alum.	Tapered	SK550ST1316	SK550ST1316	SK550ST1417
440 JS	77-94	15 alum.	121.7mm	SK440ST1316	SK440ST1316	SK440ST1417
300 SX	87-91	15 alum.	121.7mm	SK440ST1316	SK440ST1316	SK440ST1417
300 JS	86-88	15 alum.	121.7mm	SK440ST1316	SK440ST1316	SK440ST1417

**** Suggested for maximum bottom-to-mid range acceleration gains. ** Suggested for maximum top speed gains. Refer to the USBA Rulebook for a more detailed definition of "Stock, Limited, and Modified."***

SKAT-TRAK TWIN IMPELLERS

The new Twin Prop design drives of the line much quicker than the traditional single prop, and offers a substantial increase in rough water hookup.



Sea-Doo RXP-X

	Engine Mods	Pitch	Part No.		Engine Mods	Pitch	Part No.
Main Drive	Stock	13/17	**SS598328SWM1317**	Inducer	Stock	13/17	**SS440ID1317**
Main Drive	Limited	13/18	**SS598328SWM1318**	Inducer	Limited	13/18	**SS440ID1318**
Main Drive	Supermod	15/20	**SS598328SWM1520**	Inducer	Supermod	15/20	**SS440ID1520**

Sea-Doo RXT-X

	Engine Mods	Pitch	Part No.		Engine Mods	Pitch	Part No.
Main Drive	Stock	12/16	**SS598328SWM1216**	Inducer	Stock	12/17	**SS440ID1217**
Main Drive	Limited	13/17	**SS598328SWM1317**	Inducer	Limited	12/17	**SS440ID1217**
Main Drive	Supermod	15/18	**SS598328SWM1518**	Inducer	Supermod	15/18	**SS440ID1518**

FX-SHO/FZR

	Engine Mods	Pitch	Part No.		Engine Mods	Pitch	Part No.
Main Drive	Stock	12/18	**SY557525SWM1218**	Inducer	Stock	12/17	**SY440ID1217**
Main Drive	Limited	12/20	**SY557525SWM1220**	Inducer	Limited	12/17	**SY440ID1217**
Main Drive	Supermod	13/23	**SY557525SWM1323**	Inducer	Supermod	14/18	**SY440ID1418**

ULTRA 250X/260X

	Engine Mods	Pitch	Part No.		Engine Mods	Pitch	Part No.
Main Drive	Stock	12/18	**SK557520SWM1218**	Inducer	Stock	12/17	**SK440ID1217**
Main Drive	Limited	12/20	**SK557520SWM1220**	Inducer	Limited	12/17	**SK440ID1217**
Main Drive	Supermod	13/23	**SK557520SWM1323**	Inducer	Supermod	14/18	**SK440ID1418**

ULTRA 300X

	Engine Mods	Pitch	Part No.		Engine Mods	Pitch	Part No.
Main Drive	Stock	16/21	**SK608320SWM1621**	Inducer	Stock	13/18	**SK440ID1318**
Main Drive	Limited	16/22	**SK608320SWM1622**	Inducer	Limited	14/19	**SK440ID1419**
Main Drive	Supermod	16/23	**SK608320SWM1623**	Inducer	Supermod	15/20	**SK440ID1520**

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1988-2013 SEA-DOO WATERCRAFT

Engine cc	Model	Year	PUMP Diameter	RECOMMENDED SOLAS IMPELLER			
				SERIES	STOCK Engine	LIMITED Engine	MODIFIED Engine
1494	RXP-X 260	2012-	159mm	CONCORD	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXT IS 260 / RXT-X 260	2009~		CONCORD	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
	GTX LIMITED IS 260	2009~		CONCORD	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXP-X 255	2009~		CONCORD	SRZ-CD-15/21A	SRZ-CD-15/21A	SRZ-CD-16/21A
	RXP(215HP)	2009~		CONCORD	SRZ-CD-14/19A	SRZ-CD-14/19A	SRZ-CD-15/20A,16/21A
	RXT(215HP)	2009~		CONCORD	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A,16/21A
	WAKE PRO(215hp)	2009~		CONCORD	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A,16/21A
	GTX(215hp)	2009~		CONCORD	SRZ-CD-13/18A	SRZ-CD-14/19A	SRZ-CD-15/20A,16/21A
	GTR(215HP)	2012-		CONCORD	SRZ-CD-14/19A	SRZ-CD-14/19A	SRZ-CD-15/20A
	RXT IS 260 / RXT-X 260	2009~2010		CONCORD	SRZ-CD-15/21	SRZ-CD-15/21	
	GTX LIMITED IS 260	2009~2010		CONCORD	SRZ-CD-15/21	SRZ-CD-15/21	
	RXP-X 255	2009~2010		CONCORD	SRZ-CD-15/21	SRZ-CD-15/21	
	RXP(215HP)	2009~2010		CONCORD	SRZ-CD-14/19	SRZ-CD-14/19	SRZ-CD-15/20
	RXT(215HP)	2009~2010		CONCORD	SRZ-CD-13/18	SRZ-CD-14/19	SRZ-CD-15/20
	WAKE PRO(215hp)	2009~2010		CONCORD	SRZ-CD-13/18	SRZ-CD-14/19	SRZ-CD-15/20
	GTX(215hp)	2009~2010		CONCORD	SRZ-CD-13/18	SRZ-CD-14/19	SRZ-CD-15/20
	RXP-X	2008		CONCORD	SRX-CD-15/21	SRX-CD-15/21	
	RXT-X	2008		CONCORD	SRX-CD-14/19	SRX-CD-14/19	
	RXP(215HP)	2004-		CONCORD	SRX-CD-14/19	SRX-CD-14/19	SRX-CD-15/20
	RXT(215HP)	2005-		CONCORD	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20
	GTX Limited(215HP)	2005-		CONCORD	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20
	WAKE SUPERCHARGED(215HP)	2007-		CONCORD	SRX-CD-13/18	SRX-CD-14/19	SRX-CD-15/20
	GTX 4-tech Limited Supercharge(185HP)	2003-2004	155.5mm	CONCORD	SR-CD-12/20	SR-CD-13/21	SR-CD-13/21
	GTX 4-tech Supercharge(185HP)	2003-2006		CONCORD	SR-CD-12/20	SR-CD-12/20	SR-CD-13/21
	GTS SE 155/ RXP(155HP)	2007-		CONCORD	SR-CD-11/19	SR-CD-12/20	SR-CD-12/20
	wake(155HP)	2002-		CONCORD	SR-CD-11/19	SR-CD-12/20	SR-CD-12/20
	GTX 155	2002-2009		CONCORD	SR-CD-11/19	SR-CD-12/20	SR-CD-12/20
	GTX 155	2010-		CONCORD	SRB-CD-11/19 NEW!	SRB-CD-11/19 NEW!	SRB-CD-11/19 NEW!
	GTI / GTI SE 130	2006-		CONCORD	SR-CD-10/18	SR-CD-11/19	SR-CD-11/19
951	RXX	2001-2002	148mm	CONCORD	KG-CD-15/21	KG-CD-16/22	KG-CD-16/22
	XP / XP DI	2000-2004	155.5mm	CONCORD	ST-CD-15/20	ST-CD-16/21	ST-CD-17/22
				DYNAFLY	ST-DF-13/19	ST-DF-13/19	ST-DF-14/20
	RX / RX DI	2000-2003		CONCORD	ST-CD-15/20	ST-CD-16/21	ST-CD-17/22
				DYNAFLY	ST-DF-13/19	ST-DF-13/19	ST-DF-14/20
	GTX/GTX DI	2000-2003		CONCORD	ST-CD-15/20	ST-CD-15/20	ST-CD-16/21
				DYNAFLY	ST-DF-13/19	ST-DF-13/19	ST-DF-14/20
	GSX Ltd. / GTX Ltd. / XP Ltd.	98-99		CONCORD	ST-CD-15/20	ST-CD-15/20	ST-CD-16/21
				X Prop	ST-SC-X0(14.5-17.5)	ST-SC-X0(14.5-17.5)	ST-SC-XI(15.5-18.5)
	LRV / LRV DI	99-2003		CONCORD	ST-CD-14/19	ST-CD-14/19	ST-CD-15/20
				X Prop	ST-SC-X0(14.5-17.5)	ST-SC-X0(14.5-17.5)	ST-SC-XI(15.5-18.5)
	GSX Ltd.	97		X Prop	SE-SC-X(13-16) (LIMITED SUPPLY)		
782	3D / 3D BASE	2005-2007	140mm	CONCORD	ST-CD-10/16	ST-CD-10/16	
	GSX RFI / GTX RFI	99-2000		CONCORD	SF-CD-15/23	SF-CD-16/24	SF-CD-17/25
	XP / SPX / GSX	96-98	140mm	CONCORD	SD-CD-15/23	SD-CD-16/24	SD-CD-17/25
				X Prop	SD-SC-X0(16.5-23.5)	SD-SC-X0(16.5-23.5)	SD-SC-XI(17-24)
	GTX / GTX PRO	96-98		CONCORD	SD-CD-14/22	SD-CD-15/23	SD-CD-16/24
				X Prop	SD-SC-X0(16.5-23.5)	SD-SC-X0(16.5-23.5)	SD-SC-XI(17-24)
720	GTI / GTI LE / GTI RFI	2001-2005	155.5mm	CONCORD	ST-CD-10/16	ST-CD-10/16	
	GTS	2001-2002		CONCORD	ST-CD-10/16	ST-CD-10/16	
	XP / SPX	95-97	140mm	CONCORD	SD-CD-14/22	SD-CD-15/23	SD-CD-16/24
				X Prop	SD-SC-X(16-23)	SD-SC-X(16-23)	SD-SC-X0(16.5-23.5)
				IJK SERIES	SD-SC-I(14-19)	SD-SC-J(15-20)	SD-SC-K(16-21)
	GS / GSI	97-2001		CONCORD	SD-CD-14/22	SD-CD-15/23	SD-CD-16/24
				X Prop	SD-SC-X(16-23)	SD-SC-X(16-23)	SD-SC-X0(16.5-23.5)
				IJK SERIES	SD-SC-I(14-19)	SD-SC-J(15-20)	SD-SC-K(16-21)
	GTI / GTS	96-2000		CONCORD	SD-CD-14/22	SD-CD-15/23	SD-CD-16/24
				X Prop	SD-SC-X(16-23)	SD-SC-X(16-23)	SD-SC-X0(16.5-23.5)
				IJK SERIES	SD-SC-I(14-19)	SD-SC-J(15-20)	SD-SC-K(16-21)
	HX	95~		X Prop	SD-SC-X(16-23)	SD-SC-X(16-23)	SD-SC-X0(16.5-23.5)
				IJK SERIES	SD-SC-I(14-19)	SD-SC-J(15-20)	SD-SC-K(16-21)

* SRZ-CD-13/18, 14/19, 15/20, 15/21 WILL BE REPLACED BY SRZ-CD-13/18A, 14/19A, 15/20A, 15/21A AFTER INVENTORY RUN OUT.

SRX CONCORD

PITCH	PART NUMBER
13/18	SRX-CD-1318
14/19	SRX-CD-1419
15/21	SRX-CD-1521

SRZ CONCORD

PITCH	PART NUMBER
13/18	SRZ-CD-1318
14/19	SRZ-CD-1419
15/20	SRZ-CD-1520
15/21	SRZ-CD-1521

SR CONCORD

PITCH	PART NUMBER
10/18	SR-CD-1018
11/19	SR-CD-1119
12/20	SR-CD-1220
13/21	SR-CD-1321

SRZ CONCORD

PITCH	PART NUMBER
13/18A	SRZ-CD-1318A
14/19A	SRZ-CD-1419A
15/21A	SRZ-CD-1521A

ST CONCORD

PITCH	PART NUMBER
14/19	ST-CD-1419
15/20	ST-CD-1520
16/21	ST-CD-1621
17/22	ST-CD-1722

ST DYNAFLY

PITCH	PART NUMBER
12/18	ST-DF-1218
13/19	ST-DF-1319
14/20	ST-DF-1420

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Engine cc	Model	Year	PUMP Diameter	RECOMMENDED SOLAS IMPELLER			
				SERIES	STOCK Engine	LIMITED Engine	MODIFIED Engine
1812	FX HO / FX CRUISER HO	2009~	155mm	CONCORD	YS-CD-13/19	YS-CD-13/22	YS-CD-13/22
	VXR/ VXS	2011~		CONCORD	YS-CD-13/19	YS-CD-13/22	YS-CD-13/22
	FZR SHO / FZS SHO	2008~		DYNAFLY	YS-DF-14/21	YS-DF-14/21, YS-DF-15/22	YS-DF-15/22
				CONCORD	YS-CD-13/22	YS-CD-13/22, YS-CD-14/23	YS-CD-14/23
				CONCORD	YS-TP-14/23 NEW!	YS-TP-14/23 NEW!	YS-TP-14/23 NEW!
	FX SHO / FX CRUISER SHO	2008-		DYNAFLY	YS-DF-14/21	YS-DF-14/21, YS-DF-15/22	YS-DF-15/22
				CONCORD	YS-CD-13/22	YS-CD-13/22, YS-CD-14/23	YS-CD-14/23
1300	Wave Runner GP1300R	2005~	155mm	DYNAFLY	YG-DF-14/20	YG-DF-14/20, YG-DF-15/22	YG-CD-18/22
		2003-2004		CONCORD	YF-CD-13/19	YF-CD-13/19	YF-CD-14/20
1200	Wave Runner XLT 1200	99-2005	155mm	CONCORD	YF-CD-12/18	YF-CD-13/19	YF-CD-14/20
	Wave Runner GP1200R	2000-2002		CONCORD	YF-CD-13/19	YF-CD-13/19	YF-CD-14/20
	Wave Runner SUV1200	99-2003		CONCORD	YF-CD-12/18	YF-CD-12/18	
	Wave Runner XL1200	98-99		CONCORD	YD-CD-12/18	YD-CD-12/18	YD-CD-13/19
	Wave Runner GP1200	97-99		CONCORD	YD-CD-13/19	YD-CD-13/19	YD-CD-14/20
				X Props	YD-SC-X0(14.5-17.5)	YD-SC-X0(14.5-17.5)	YD-SC-XI(15.5-18.5)
	Wave Runner GP1200R	99		CONCORD	YD-CD-13/19	YD-CD-13/19	YD-CD-14/20
				X Props	YD-SC-X0(14.5-17.5)	YD-SC-X0(14.5-17.5)	YD-SC-XI(15.5-18.5)
1052	FX High Output	2004~2008	155mm	DYNAFLY	YG-DF-14/20	YG-DF-14/20, YG-DF-15/22	
	FX CRUISER High Output	2004~2008		DYNAFLY	YG-DF-14/20	YG-DF-14/20, YG-DF-15/22	YG-DF-15/22
	VX / VX sport / VX Deluxe / VX Crusier	2005~		CONCORD	YH-CD-18/22	YH-CD-18/22	
1100	Wave Raider 1100 / Wave Venture 1100	95-97	155mm	CONCORD	YD-CD-12/18	YD-CD-12/18	YD-CD-13/19
				X Props	YD-SC-X(13-16)	YD-SC-X(13-16)	YD-SC-X0(14.5-17.5)
				IJK SERIES	YD-SC-I(13-19)	YD-SC-I(13-19)	YD-SC-J(14-20)
998	FX-140 / FX Cruiser	2003~	155mm	CONCORD	YF-CD-12/18	YF-CD-13/19	YF-CD-13/19
800	Wave Runner GP800R	2001-2005	155mm	CONCORD	YF-CD-11/14	YF-CD-11/14	
	Wave Runner XL800	2000-2004		CONCORD	YF-CD-11/14	YF-CD-11/14	
	Wave Runner GP800	98-2000	144mm	CONCORD	YB-CD-14/18	YB-CD-15/19	YB-CD-16/20
				X Props	YB-SC-X0(15.5-18.5)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
				IJK SERIES	YB-SC-J(14.7-18.5)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
	Wave Runner XL800	98-99		CONCORD	YB-CD-13/17	YB-CD-14/18	YB-CD-15/19
				X Props	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
				IJK SERIES	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
760	Wave Runner GP760	97-2000	144mm	CONCORD	YB-CD-13/17	YB-CD-14/18	YB-CD-15/19
				X Props	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
				IJK SERIES	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
	Wave Radier 760	96		IJK SERIES	YB-SC-I(14.5-18)	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)
	Wave Runner XL760 / Wave Venture 760	98-99	155mm	CONCORD	YD-CD-11/14	YD-CD-11/14	
				X Props	YD-SC-X(13-16)	YD-SC-X(13-16)	
				IJK SERIES	YD-SC-S(12-18.5)	YD-SC-S(12-18.5)	YD-SC-I(13-19)
	Wave Blaster II	96-97		CONCORD	YD-CD-11/14	YD-CD-11/14	
				X Props	YD-SC-X(13-16)	YD-SC-X(13-16)	
				IJK SERIES	YD-SC-S(12-18.5)	YD-SC-S(12-18.5)	YD-SC-I(13-19)
701	VX 700	2006~	155mm	CONCORD	YH-CD-11/14	YH-CD-11/14	
	Wave Raider 700 / Wave Deluxe / Venture	94-97	144mm	CONCORD	YB-CD-13/17	YB-CD-13/17,14/18(94-95)	YB-CD-14/18,15/19(94-95)
				X Props	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
				IJK SERIES	YB-SC-J(14.7-18.5)	YB-SC-K(15-19)	YB-SC- K(15-19)
	Wave Blaster / Wave Runner GP700 / Pro VXR	93-97		CONCORD	YB-CD-13/17	YB-CD-13/17	YB-CD-14/18
				X Props	YB-SC-X(15-18)	YB-SC-X0(15.5-18.5)	YB-SC-XI(16-19)
				IJK SERIES	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
	SuperJet	2008~		CONCORD	YQ-CD-12/18	YQ-CD-13/19	YQ-CD-13/19
		94-2007		CONCORD	YB-CD-13/17	YB-CD-13/17	YB-CD-14/18
				IJK SERIES	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
	Wave Runner XL700	99-2005	155mm	CONCORD	YD-CD-11/14	YD-CD-11/14	
650	Wave Runner III	90-96	144mm	IJK SERIES	YB-SC-S(14-17)	YB-SC-I(14-17)	YB-SC-J(14.7-18.5)
	SuperJet	90-93		IJK SERIES	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)	YB-SC- K(15-19)
	VXR	91-95		IJK SERIES	YB-SC-S(14-17)	YB-SC-I(14.5-18)	YB-SC-J(14.7-18.5)
	Wave Jammer 650 / LX 650	ALL	Tapered	ABC SERIES	YA-SC-A(13-18)	YA-SC-A(13-18)	YA-SC-B(14-19)
500	Wave Runner 500 / Wave JAMMER 500	ALL	Tapered	ABC SERIES	YA-SC-A(13-18)	YA-SC-B(14-19)	YA-SC-B(14-19)

YB CONCORD

PITCH	PART NUMBER
13/17	YB-CD-1317
14/18	YB-CD-1418
15/19	YB-CD-1519
16/20	YB-CD-1620

YB X-PROP

PITCH	PART NUMBER
15/18	YB-SC-X
16/19	YB-SC-XI

YF CONCORD

PITCH	PART NUMBER
11/14	YF-CD-1114
12/18	YF-CD-1218
13/19	YF-CD-1319
14/20	YF-CD-1420

YD CONCORD

PITCH	PART NUMBER
12/18	YD-CD-1218
13/19	YD-CD-1319
14/20	YD-CD-1420

YB SUPER CAMBER

PITCH	PART NUMBER
14.5/18	YB-SC-I
14.7/18.5	YB-SC-J
15/19	YB-SC-K

YH CONCORD

PITCH	PART NUMBER
18/22	YH-CD-1822

YG DYNAFLY

PITCH	PART NUMBER
13/19	YG-DF-1319
14/20	YG-DF-1420

YS DYNAFLY

PITCH	PART NUMBER
14/21	YS-DF-1421
15/22	YS-DF-1522

YD SUPER CAMBER

PITCH	PART NUMBER
16/19	YD-SC-XO

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Engine cc	Model	Year	PUMP Diameter	RECOMMENDED SOLAS IMPELLER			
				SERIES	STOCK Engine	LIMITED Engine	MODIFIED Engine
1498	ULTRA 300X / 300LX	2011~	160mm	CONCORD	KR-CD-14/21 NEW	KR-CD-14/21 ,KR-CD-15/22 NEW	KR-CD-15/22 NEW
	ULTRA 260X/260LX	2008~	155mm	CONCORD	KX-CD-15/23	KX-CD-15/23,KX-CD-16/24	KX-CD-16/24
	ULTRA 250X	2007~		CONCORD	KX-CD-15/23,KX-CD-16/21	KX-CD-15/23,KX-CD-16/24	KX-CD-16/24
	ULTRA LX	2007~		CONCORD	KX-CD-10/16	KX-CD-10/16	
	STX-15F	2004~	148mm	CONCORD	KG-CD-14/21	KG-CD-14/21	KG-CD-15/21
1199	STX-12F	2003~	149mm	CONCORD	KG-CD-13/19	KG-CD-13/19	KG-CD-14/20
1176	ULTRA 150	99-2006	Tapered	DYNAFLY	KH-DF-16/20	KH-DF-16/20	KH-DF-17/21
	1200 STX-R	2002-2006	148mm	CONCORD	KG-CD-15/21	KG-CD-15/21	KG-CD-16/22
				DYNAFLY	KG-DF-13/25	KG-DF-13/25	KG-DF-14/26
1071	1100 STX DI	2001-2003	148mm	CONCORD	KG-CD-13/19	KG-CD-13/19	KG-CD-14/20
				X Props	KG-SC-X(16.5-24)	KG-SC-X(16.5-24)	KG-SC-X0(17-24.5)
	1100 STX	97-98		CONCORD	KG-CD-13/19	KG-CD-13/19	KG-CD-14/20
				X Props	KG-SC-X(16.5-24)	KG-SC-X(16.5-24)	KG-SC-X0(17-24.5)
	1100 ZXi	96-2003	148mm	CONCORD	KG-CD-13/19	KG-CD-13/19	KG-CD-14/20
			148mm	X Props	KG-SC-X(16.5-24)	KG-SC-X(16.5-24)	KG-SC-X0(17-24.5)
891	900 STX	2003-2006	148mm	CONCORD	KG-CD-12/18	KG-CD-12/18	KG-CD-13/19
	900 STX / STS /Zxi	96-2002	140mm	X Props	KF-SC-X(16-23)	KF-SC-X0(18-23.5)	KF-SC-XI(19-25)
				IJK SERIES	KF-SC-I(16-21)	KF-SC-I(16-21)	KF-SC-J(17-22)
782	800 SX-R	2003~	140mm	DYNAFLY	KP-DF-13/22	KP-DF-14/23	KP-DF-14/23, 15/24
743	750 Sxi Pro	95-2002	140mm	CONCORD	KE-CD-09/15	KE-CD-11/16	KE-CD-11/16
				X Props	KE-SC-X(14-21)	KE-SC-X(14-21)	KE-SC-X(14-21)
				IJK SERIES	KE-SC-S(13-18)	KE-SC-S(13-18)	KE-SC-I(14-19)
	750 STS	95-2001		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				X Props	KE-SC-X(14-21)	KE-SC-X(14-21)	KE-SC-XI(16-23)
				IJK SERIES	KE-SC-S(13-18)	KE-SC-I(14-19)	KE-SC-J(15-20)
	750 Xi Sport	93-2000		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				X Props	KE-SC-X(14-21)	KE-SC-X(14-21)	KE-SC-XI(16-23)
				IJK SERIES	KE-SC-S(13-18)	KE-SC-I(14-19)	KE-SC-J(15-20)
	750 ZXi	95-97		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				X Props	KE-SC-X(14-21)	KE-SC-X(14-21)	KE-SC-XI(16-23)
				IJK SERIES	KE-SC-S(13-18)	KE-SC-I(14-19)	KE-SC-J(15-20)
	750 Xi	93-97		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				X Props	KE-SC-X(14-21)	KE-SC-X(14-21)	KE-SC-XI(16-23)
				IJK SERIES	KE-SC-S(13-18)	KE-SC-I(14-19)	KE-SC-J(15-20)
	750 SS	92-97		CONCORD	KE-CD-09/15	KE-CD-11/16	KE-CD-11/16
				ABC SERIES	KE-SC-A(13-18)	KE-SC-B(14-19)	KE-SC-C(15-20)
	750 SXI	95-96		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				ABC SERIES	KE-SC-A(13-18)	KE-SC-B(14-19)	KE-SC-C(15-20)
	750 SX	92-96		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				IJK SERIES	KE-SC-I(14-19)	KE-SC-J(15-20)	KE-SC-J(15-20)
				ABC SERIES	KE-SC-A(13-18)	KE-SC-B(14-19)	KE-SC-C(15-20)
	750 XIR	94		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				IJK SERIES	KE-SC-I(14-19)	KE-SC-J(15-20)	KE-SC-J(15-20)
				ABC SERIES	KE-SC-A(13-18)	KE-SC-B(14-19)	KE-SC-C(15-20)
	750 ST	93-95		CONCORD	KE-CD-11/16	KE-CD-12/18	KE-CD-12/18
				IJK SERIES	KE-SC-I(14-19)	KE-SC-J(15-20)	KE-SC-J(15-20)
				ABC SERIES	KE-SC-A(13-18)	KE-SC-B(14-19)	KE-SC-C(15-20)
635	650 TS / 650 SX	89-96	140mm	IJK SERIES	KA-SC-I(13-18)	KA-SC-I(13-18)	KA-SC-J(14-19)
				ABC SERIES	KA-SC-A(13-18)	KA-SC-B(14-19)	KA-SC-C(15-20)
	650 X-2 / 650JM	91-96		IJK SERIES	KA-SC-I(13-18)	KA-SC-I(13-18)	KA-SC-J(14-19)
				ABC SERIES	KA-SC-A(13-18)	KA-SC-B(14-19)	KA-SC-C(15-20)
550	550 SX	90-96	Tapered	ABC SERIES	KD-SC-A(13-18)	KD-SC-B(14-19)	KD-SC-B(14-19)
	550 JS	82-89		ABC SERIES	KB-SC-A(13-18)	KB-SC-B(14-19)	KB-SC-B(14-19)
440	440 JS	77-94	121mm	ABC SERIES	KC-SC-A(13-18)	KC-SC-B(14-19)	KC-SC-B(14-19)

Note: KG-CD-14/21 is the recommended impellerfor KAWASAKI STX 15F (4-STROKE).

KG CONCORD

PITCH	PART NUMBER
12/18	KG-CD-1218
13/19	KG-CD-1319
14/20	KG-CD-1420
14/21	KG-CD-1421
15/21	KG-CD-1521
16/22	KG-CD-1622

KE CONCORD

PITCH	PART NUMBER
09/15	KE-CD-0915
11/16	KE-CD-1116
12/18	KE-CD-1218
13/19	KE-CD-1320

KP DYNAFLY

PITCH	PART NUMBER
13/22	KP-DF-1322
14/23	KP-DF-1423
15/24	KP-DF-1524

KH DYNAFLY

PITCH	PART NUMBER
16/20	KH-DF-1620
17/21	KH-DF-1721

KX CONCORD

PITCH	PART NUMBER
10/16	KX-CD-1016
12/18	KX-CD-1218
16/21	KX-CD-1621

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SOLAS 12-VANE PERFORMANCE PUMP FOR KAWASAKI

The Solas Kawasaki High Performance 12 Vane Pump is a stainless steel vane, 140mm diameter with 75mm bearing carrier, pressed into an aluminum housing. It is a "Standard Position" pump, meaning, it is not set back, and you can use your existing driveshaft (no extended shaft necessary).

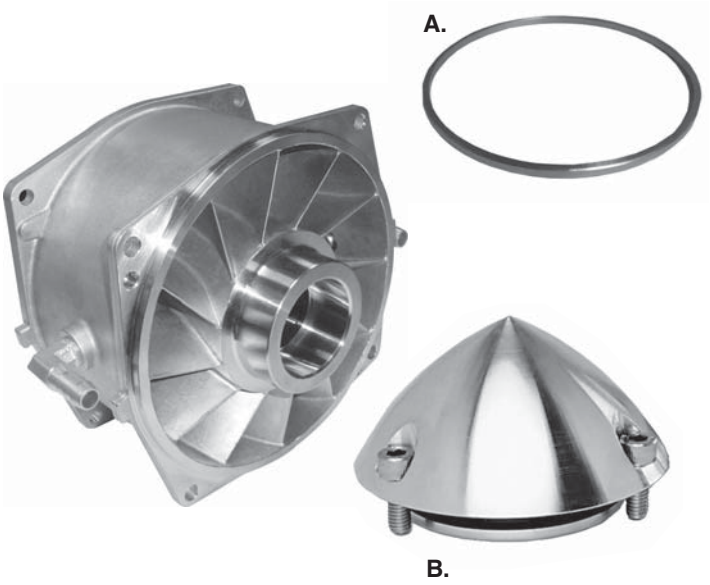
It comes complete with bearings, seals, pump shaft, and tail cone and to top it off, an adjustable diameter drop nozzle system!

The pump fits the 2003-2012 Kawasaki 800 SXR. It also fits the 1992-2002 750 models SX, SXi, SXi Pro, SS, ST, Xi, and XiR.

This pump kit does not include an impeller, trim system cable, or lever, we suggest using either the Solas KP-DF impeller, or the Skat-Trak C-75 Magnum Swirl impeller.

These pumps really improve rough water performance, and they fit right up to the hull like an OEM pump.

Description	Part No.
Solas 12 Vane Performance Pump with Trim System for Kawasaki	**KPS-PM-140/74T**



SOLAS STAINLESS STEEL YAMAHA 12-VANE STATOR SECTION

Get HUGE gains in Hook Up on bottom end, and overall efficiency in rough conditions, and jet wash! This pump is a must have for Freestyle! The Brand New Solas Yamaha 144mm 12 Vane Pump Stator is now available and is an incredible value for the HUGE performance gain resulting from bolting this pump on!

This is the stator section only, is stainless steel, with large diameter bearing carrier, and a 12 vane standard position design. It replaces the stock Yamaha 144mm 6 vane aluminum stator section. No need to buy an expensive extended shaft with this pump conversion.

You will need a large hub design impeller such as the Impros Hooker impeller, the Solas Concord YQ-CD, or Skat-Trak C+75 Swirl impeller with this pump.

Yamaha	Part No.
Stainless Steel Yamaha 12-Vane Stator	**YQS-SV-144**
A. Impros Pump Spacer	**IMYQ-NS**
(required when Solas pump stator is used with stock nozzle)	
B. Impros Freestyle Tail Cone	**IMYQ-FC**
WSM Yamaha Pump Bearing & Seal Kit	**003-630**



R&D'S "BIG ASS" PROP WRENCH

R&D's Big Ass prop wrench takes the fight out of removing any tough to remove prop. Changing the prop at the beach without a vise is no problem. Also light enough to carry in your luggage while traveling to international races. The key is LEVERAGE! The 28" long wrenches are made from ?" plate aluminum and utilize an ID hex to get maximum bite without slipping on the prop tool. With these tools your prop changing headaches are over, guaranteed. Measure your existing spline tool and Solas or Skat-Trak prop tool and order the proper size wrenches.

Description	Part No.
Fits Skat-Trak Prop Tool for Super Jet/Raider/Blaster Hex size .875"	**132-56001**
Fits Solas Shaft Spline Tool for Super Jet Hex size .910"	**132-56002**
Fits Skat-Trak Prop Tool for SHO/FZR/FZS/GPR/HO/FX/VX Hex size 1.000"	**132-56003**
Fits R&D Shaft Spline Tool for SHO/FZR/FZS Hex size 1.125"	**132-56004**
Fits Solas Shaft Spline Tool for GPR Hex size 1.150"	**132-56005**
Fits Solas Tool 1.175" Hex size 1.175"	**132-56006**
Fits Solas Prop Tool for SHO/FZ Hex size 1.415"	**132-56007**

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YAMAHA HOOKER IMPELLERS

The Impros Hooker 144mm impeller for the Yamaha is a 3 blade large hub diameter (75mm), radial edge design polished stainless steel impeller designed and intended for Bottom end and "Hook up" for freestyle and freeriders on a Superjet, Blaster, or similar ski that utilizes the 144mm pump and want maximum AIR for tricks. We gave it this name because it "Hooks Up" so well. Designed around maximizing pump efficiency and bottom end, this is a new radial edge design, large hub (75mm), and is set back 7mm (4mm further than we can go with a small hub impeller). It is a highly polished Yamaha impeller that we will have available for the 144mm stock pump. Designed with a steep root angle to load the pump well. Material is a 17-4 stainless steel cast. Dynamically balanced, and comes mirror polished, with an impeller tool and rubber nose seal.

Recommendation	Part No.
Stock, Limited, Maximum Bottom End	**IMY144915**
Limited with Porting, Big Carb., More Top End	**IMY1441016**
Closed Course Race with Pipe, Max. Hookup, Added HP/Performance	**IMY1441117**

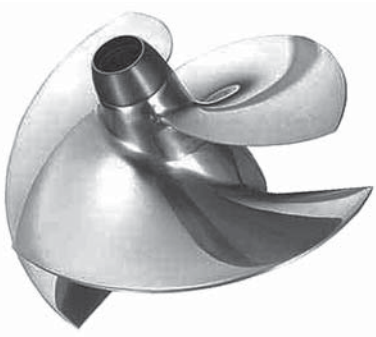
KAWASAKI 750/800 HOOKER IMPELLERS

The Impros Hooker 140mm impeller for the Kawasaki 140mm pump is a 3 blade large hub diameter, radial edge design polished stainless steel impeller designed and intended for Bottom end and "Hook up" for freestyle and freeriders on an SXR, SXi Pro, or SX that utilizes the 140mm pump and want maximum AIR for tricks. Impros gave it this name because it "Hooks Up" so well. Designed around maximizing pump efficiency and bottom end, this is a new radial edge design, large hub, and is set back. It is a highly polished Kawasaki impeller that we will have available for the 140mm stock pump used in the SXR 800 and 750. Designed with a steep root angle to load the pump well. Material is a 17-4 stainless steel cast. Dynamically balanced, and comes polished, with a rubber nose seal.

We have it available in a variety of pitches for different engine set ups. The pitches available are 9/15, 10/16 and 11/17. These numbers are much different from other impeller pitches you have heard of. While they are very low, and directed at bottom end "Hit", the root angle, blade length and other geometric differences set the Hooker apart from the others.

Recommendation	Part No.
Stock, Limited, Maximum Bottom End	**IMK140915**
Limited with Porting, Big Carb., More Top End	**IMK1401016**
Closed Course Race with Pipe, Max. Hookup, Added HP/Performance	**IMK1401117**

IMPROS CUSTOM MODIFIED SOLAS IMPELLERS



KAWASAKI 800 SXR IMPROS CUSTOM SOLAS SET BACK IMPELLERS

Impros Set Back impellers are custom pitched to maximize performance & engine rpm for specific applications. These Solas Dynafly impellers are machined -5mm to set them closer to the pump vanes, which maximizes pump hook up. The impellers fit right into stock SXR pump.

Race Class	Description	Part No.
Freestyle	13/19 Solas Dynafly -5mm	**KPDF1319SB**
Stock	13/21 Solas Dynafly -5mm	**KPDF1321SB**
Limited	13/23 Solas Dynafly -5mm	**KPDF1323SB**
Modified	14/24 Solas Dynafly -5mm	**KPDF1424SB**

YAMAHA SUPERJET FREESTYLE IMPROS CUSTOM SOLAS SET BACK IMPELLERS

Impros set back custom pitched impellers are modified to maximize bottom end and get the most air out of your ski! These impellers work with the stock pump, with & without the TBM Super Pump Cone.

Race Class	Description	Part No.
Freestyle	13/15 Solas Concord -3mm	**YBCD1315SB**
Stock/Ltd.	13/15 Solas Concord -3mm	**YBCD1315SB**
Modified	13/16 Solas Concord -3mm	**YBCD1316SB**

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R&D AFTERBURNER PUMP CONE SLEEVE/ADJUSTABLE CONE KIT

Transform the O.E.M Kawasaki SXR 800 Pump or O.E.M. Superjet Pump into a high performing large hub, high pressure axial flow design inexpensively with the exclusive R&D Large Hub Afterburner Pump Core sleeve and adjustable Anti-cavitation Pump Cone Kit design. Experience much better hole shots and 1 mph plus gains in top speed performance with the added pump efficiency and thrust. The Afterburner Pump Core will drastically increase pump hook up and rear end traction. The innovative and superior R&D design allows impeller changes to be made easily in minutes. The Afterburner Anti-cavitation rear cone length is tunable with kit supplied spacer shims which allows custom peak RPM tuning for any brand or pitch of impeller. Better holeshots, hook up, top speed, tunability.

Description	Part No.
Kawasaki SXR800 and 750 (1992-06)	**161-00801***
Yamaha SuperJet (All Years)	**162-00701***
Fits Yamaha 144 Pumps Only.	

**R&D pump cones require a 75mm large hub impeller.*



Kawasaki
161-00801



Yamaha
162-00701

KAWASAKI IMPELLER PITCH OPTIONS

Impeller Pitch	Manufacturer	Performance Level	Impeller Hub Size	Part No.
13/18 Degree	O.E.M. SXR 800	Stock	75mm	———
13/22 Degree	Solas Dynafly	Stock Mild Limited	75mm	**KP-DF-1322**
14/23 Degree	Solas Dynafly	Pro Race Limited	75mm	**KP-DF-1423**
15/24 Degree	Solas Dynafly	Pro Race Super Stock	75mm	**KP-DF-1524**
13/18 Degree	Skat-Trak Swirl 140	Stock Mild Limited	75mm	**SK4075SW1318**
14/19 Degree	Skat-Trak Swirl 140	Pro Race Limited	75mm	**SK4075SW1419**
15/20 Degree	Skat-Trak Swirl 140	Pro Race Super Stock	75mm	**SK4075SW1520**

YAMAHA IMPELLER PITCH OPTIONS

Impeller Pitch	Manufacturer	Performance Level	Impeller Hub Size	Part No.
12/17 Degree	Skat-Trak	Stock to Mild Ltd 175-180 Comp (Pump Gas)	75mm	**SY4475SW1217**
13/18 Degree	Skat-Trak	Pro Race Ltd. 190 Comp (Aviation/Race Gas)	75mm	**SY4475SW1318**
14/19 Degree	Skat-Trak	Pro Race Superstock 190+ Comp. (Race Gas)	75mm	**SY4475SW1319**
15/20 Degree	Skat-Trak	Pro Race Stroked and Power Vale Modifieds	75mm	**SY4475SW1520**



SXR 800 PRO SUPER STOCK PUMP CONE

The R&D Pro Super Stock Pump Cone is designed specifically for Super Stock SXR 800's. The cone mounts directly to the R&D Afterburner Pump Core Sleeve and comes complete with two tuning shims and hardware.

Description	Part No.
SXR 800 Pro Super Stock Pump Cone	**161-00803**

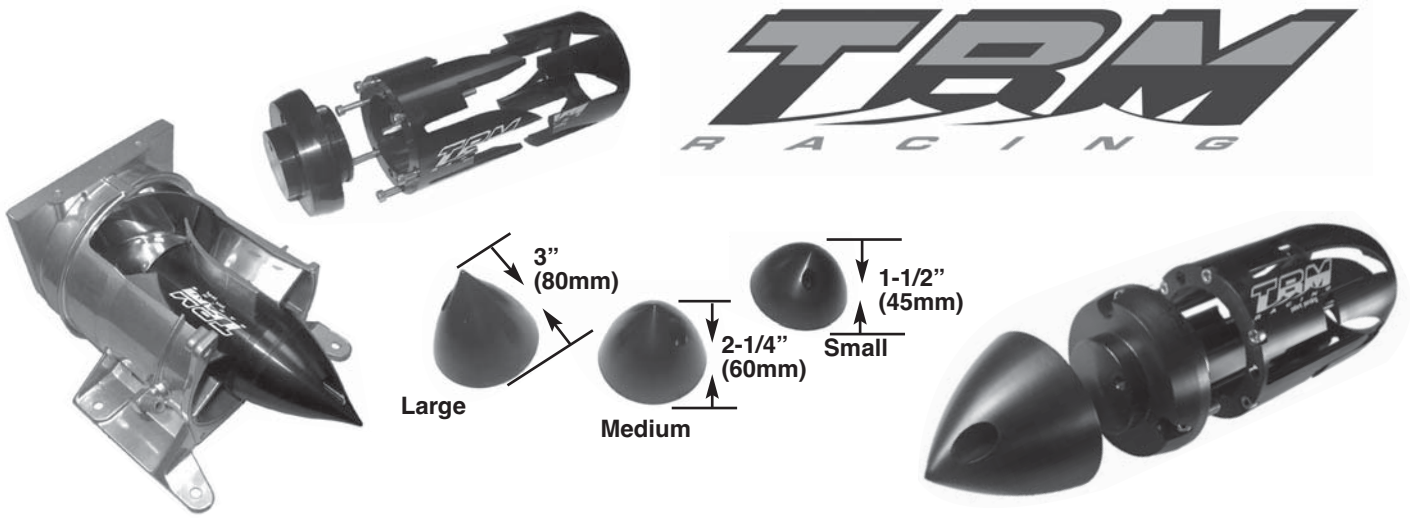


SXR 800 AFTERBURNER TUNABLE PUMP CONE FOR SKAT-TRAK PUMPS

The new R&D Afterburner Pump Cone for all Skat-Trak SXR 800 Pumps allows for custom peak rpm tuning. With the kit supplied spacer shims you can now fine tune the pump for maximum RPM and speed!

Description	Part No.
SXR 800 Afterburner Tunable Pump Cone for Skat-Trak Pumps	**161-00804**

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TBM RACING SUPER PUMP CONE "PRO" KAWASAKI 750/800

TBM has increased the hub diameter of the OEM pump, which creates an increase in pump pressure keeping the pump "loaded" in rough water conditions. The increased efficiency adds amazing acceleration, improved handling and top speed. The Super Pump Cone is designed to be used with the OEM, Solas Dynafly, or C-75 Skat-Trak impellers in standard, or a 5mm set back. Installation is as simple as changing an impeller and can be performed with standard tools. Fits 1992-2012 Kawasaki 750/800 stand ups.

Included with the "Pro" kit is the Super Pump Cone insert, a tail cone base that seals the pump and three different length tail cone tips. The cone tips can be changed by simply removing one M6 bolt and replacing the tip with a different length to optimize your impeller and nozzle combination. The short cone works for Freestyle, Freeride and tight Closed Courses, while the medium and long tail cone works excellent for rough water hook up and amazing top speed.

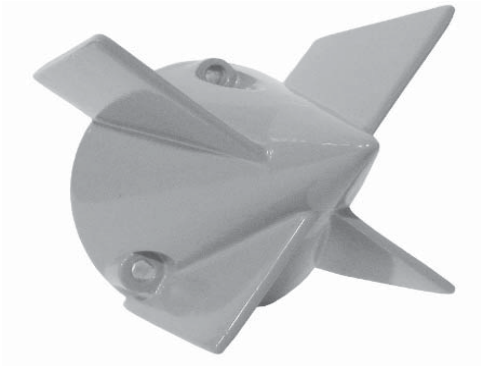
Kawasaki	Part No.
Super Pump Cone (Kawasaki)	TBM120

TBM RACING YAMAHA SUPER PUMP CONE

Our Yamaha Super Pump Cone will transform your inefficient OEM pump into a high performance large diameter hub race pump. It is not necessary to run a large hub impeller, so there is no need to purchase a new impeller to benefit from our Yamaha Super Pump Cone. We have designed our Yamaha Super Pump Cone to accommodate any diameter hub impeller. An OEM, standard aftermarket, or C-75 Magnum impeller will work with this set up.

Three sizes of our interchangeable tail cone tips are included with this kit. Outstanding for racing, freestyle or freeride applications. The Yamaha Super Pump Cone will work on any year Yamaha Super Jet, Wave Blaster and any other Yamaha watercraft models that utilize a Yamaha 144mm pump housing.

Yamaha	Part No.
Super Pump Cone (Yamaha)	TBM120-YAM



TBM RACING ULTRA VANE EXTENDING TAIL CONE

With the four vane extenders integrated into the tail cone the turbulent water in the pump is controlled and straightened for a longer distance. They also centered the tip of the tail cone in the bore of the nozzle to even the pressures inside the compression nozzle. All this translates to improved hook up, acceleration and a noticeable gain in top speed. Installation could not be easier and we also powder coat the tail cone for corrosion prevention.

Description	Part No.
TBM Racing Ultra 250/260/300X or LX Ultra Vane Extending Tail Cone	TBM120-UL



TBM RACING YAMAHA FZR/FZS/SHO SUPER PUMP CONE

TBM'S Super Pump Cone increases the hub diameter and smooths the transition of water flow through the rough casting of the OEM stator vane assembly. This drastically improves hook up, acceleration and top speed on stock Waverunners although performance is enhanced exponentially as engine modification is increased. TBM has designed the Super Pump Cone to match the stock impeller; however any 75mm diameter hub aftermarket impeller will work. TBM'S Super Pump Cone will also work in conjunction with Riva's 160mm wear ring/impeller upgrade. The kit comes complete with everything needed for installation with the exception of a spline tool for impeller removal/installation.

Description	Part No.
TBM Racing FZR/FZS/SHO Super Pump Cone	TBM120-FZR

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ADJUST-A-THRUST

The only Automatic Transmission for PWC Jet Pumps Maximize Your Performance

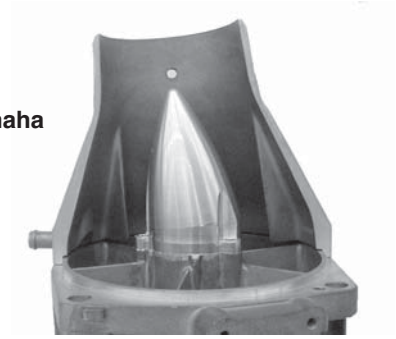


In low gear the shuttle lets a large volume of water be moved to accelerate the craft.

As speed and pump pressure increase, the shuttle is forced out into the exit nozzle, reducing its size and increasing water velocity. This increases top speed.

Kawasaki	Part No.
1100 ZXI/STX, STXR, STX12F/15F (2004-06)	**KAW1**
Ultra 250 (2007-08), Ultra 260 (2009-10), Ultra 300 (2011-12), STX15F (2007-12) *This Kit does not contain Bearings & Impeller Shaft	**KAW4**
All 650/750 SXI/750 SXI Pro/SXR 800	**KAW3**

Skat Trak Magnum Pump	Part No.
Skat Trak, Yamaha, Polaris Octane	**SKT1**
Skat Trak, Kawasaki/Sea-Doo (75mm hub)	**SK27**



Yamaha

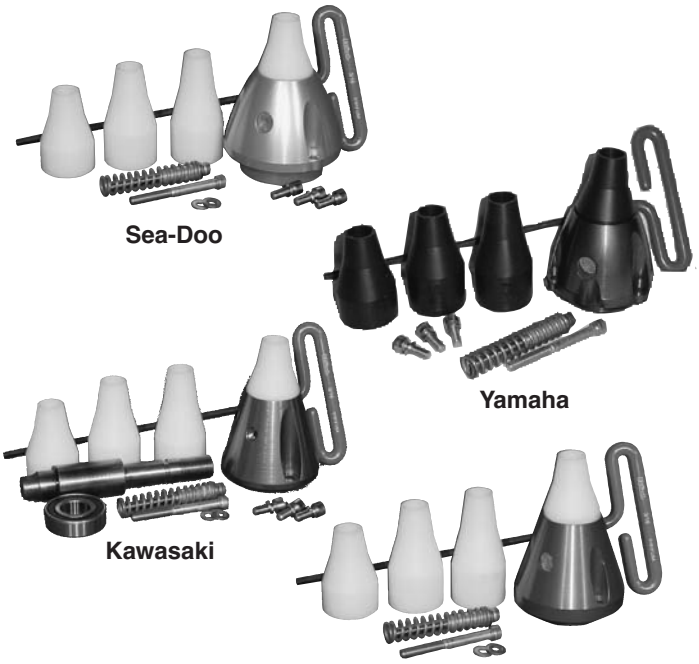
R&D ANTI-CAVITATION CONE

The unique patent pending design balances the bowl pressure in the last stage of the pump to eliminate detectable cavitation. Improve bottom and punch midrange pull and overall performance.

Yamaha	Part No.
FX140 GP800R/GP1200R/ GP1300R (all except 2005)	**162-12002**
XL1200LTD, XLT800/1200	**162-12003**
H.O. (2005 and up) GP1300R, VX110	**162-16000**
FX-SHO, FZR/FZS, VXR/VXS	**162-18000**

Sea-Doo	Part No.
GTX/RXT/RXP 185/215 HP (2004-07) RXP-X, RXT-X	**163-95001**

Kawasaki	Part No.
Ultra 250X/260X/300X	**161-25010**



Sea-Doo

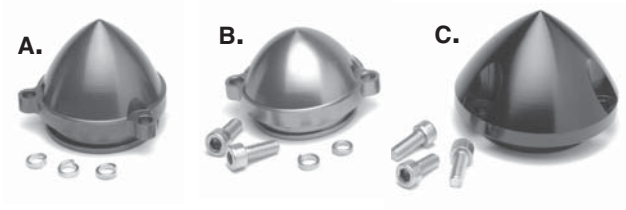
Yamaha

Kawasaki

Skat Trak SK 27

Sea-Doo	Part No.
Sea-Doo 155.5mm Pumps (1998-06) with 951 engine, 3D	**SEA2**
Sea-Doo 4-Tec 155.8mm 4-Tec Pumps (2001-10) 4-Tec N/A, SC, RXP-X, RXT-X	**SEA4**
Sea-Doo RFI Pumps, 140mm Pump with 75mm (1999-01) GSX RFI (1998-01), GTX RFI (1999-01), GTI (non RFI), Speedster SK (1999-00), Challenger SK, Sportster 1800	**SEA5**

Yamaha	Part No.
144mm, 155mm Pumps with Straight Exit Nozzle SJ (1990-06), WRIII (1991-97), GP700,VXR/VXR Pro, Blaster, B2, All Raider (1994-97), GP1200 (1997-99), Venture 1100, XL1200 (1998-99)	**YAM1**
144mm, 155mm Pumps with Angled Exit Nozzle 3 to 5 deg. GPR 1200 (1999-02), XLT 1200 (1999-02), FX140, GPR1300, GP760, GP800	**YAM2**
155mm Angled (3 to 5 deg) Pump with 75mm hub. FX HO, FX 160 (2005-06), GPR1300	**YAM3**
All Yamaha PWC with 70mm hub for 1.8 Liter engine	**YAM4**



WET WOLF FREESTYLE CONE

Freestyle cones are specially designed to maximize low end performance. The small design of the cone also lets the engine rev faster for a more powerful midrange hit. Perfect for Freestyle/Freeride, increases throttle response. CNC machined and Tuff-Coat anodized for superior corrosion resistance.

Yamaha	Part No.
A. Super Jet	**FSYAM**

Kawasaki	Part No.
B. 800 SXR, 750SX, SXI-Pro	**FSKW3**
C. Polaris Octane, Yamaha Magnum Pump	**FSSKT1**

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RIVA PRO-SERIES REDUCTION NOZZLE

Our Pro-Series Reduction Nozzle is ideal for tuning your pump combination to maximize performance. Nozzle exit diameter can be easily changed via interchangeable ring system. Looking for more RPM or acceleration power? Insert a larger diameter ring. Want more top speed? Install a smaller diameter ring. Nozzle includes three precision-machined stainless steel rings (81/82/83mm) in graduated sizes. Additional ring sizes available.

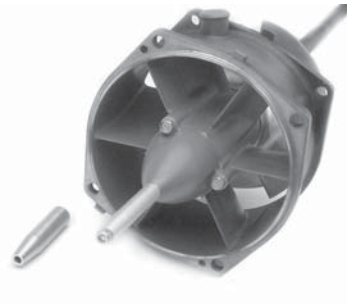
Description	Part No.
RXP 215/RXP-X 255, RXT (05-07), GTX-SC	**RS23050-N**
Yamaha FX SHO/FZ	**RY23040-N**



ADJUSTABLE EXIT NOZZLE AND NOZZLE RING KITS FOR SEA-DOO 650/720/800

Our variety of interchangeable billet machined rings offer to find the maximum performance of the boat. Large ring for bottom-end acceleration and Small ring for top-end. Kit includes 83/85/87mm rings.

Sea-Doo	Part No.
Exit Nozzle with Billet Machined Nozzle Rings 83/85/87mm	**54-3313**



INTERCHANGEABLE PUMP CONE ROD FOR YAMAHA

Change the diameter of your exit nozzle with one easy turn of a bolt, you can adjust your exit nozzle diameter by interchanging the various rod sizes.

Description	Part No.
Yamaha SJ, Wave Blaster, 701 Raider	**54-3351**



R&D FZR PERFORMANCE EXIT NOZZLE

The new R&D cast aluminum exit nozzle is designed to fine tune the pump and prop to maximize performance and rpm. The new R&D exit nozzle is available in 2.5 and 5 degree up sweep angles. The 5 degree positive angle lightens the nose of the craft and adds top speed; this is great for recreational use. The 2.5 degree delivers improved performance in rough water conditions by producing more nose pressure to drive the hull through the bumps; this design is perfect for closed coarse and offshore competition. Both types are available in bore sizes of 80, 80.5, 81, and 81.5. *Custom bore sizes from 80 to 90 available at no extra charge, specify size when ordering. The maintenance free R&D cast aluminum and powder coated one piece construction exit nozzle is the better alternative to a removable ring design. With the new R&D nozzle the OEM reliability and safety is retained, because there is not a removable ring sleeve to vibrate loose, falls out and gets wedged in the steering nozzle creating a whole new definition to the term BUCKING.

** Custom bore sizes available at no extra charge, specify size when ordering**

Description	Part No.
R&D FZR Perf. Exit Nozzle 2.5 degree 80mm	**162-82800**
R&D FZR Perf. Exit Nozzle 2.5 degree 80.5mm	**162-82805**
R&D FZR Perf. Exit Nozzle 2.5 degree 81mm	**162-82810**
R&D FZR Perf. Exit Nozzle 2.5 degree 81.5mm	**162-82815**

Description	Part No.
R&D FZR Perf. Exit Nozzle 5 degree 80mm	**162-85800**
R&D FZR Perf. Exit Nozzle 5 degree 80.5mm	**162-85805**
R&D FZR Perf. Exit Nozzle 5 degree 81mm	**162-85810**
R&D FZR Perf. Exit Nozzle 5 degree 81.5mm	**162-85815**



R&D RXP-X/RXT-X 84MM REDUCTION NOZZLE KIT

The R&D RXP-X/RXT-X 84mm Pump Reduction cone will reduce the venturi size from a short O.E.M. 87mm large bore design to a plus .750 over stock venturi length with a final venturi size of 84mm. Increased hook up, stronger acceleration and mid range, improved top speed performance.

Description	Part No.
R&D RXP-X/RXT-X 84mm Reduction Nozzle Kit	**173-25584**



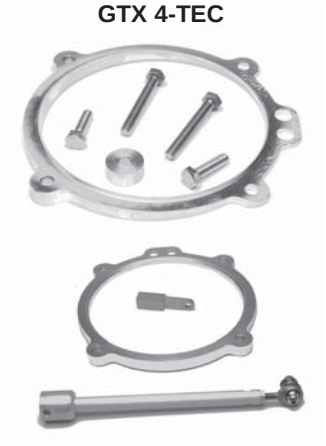
GPR PERFORMANCE EXIT NOZZLE

The new R&D GPR 87mm 6 vein 5 degree Exit Nozzle is now available. The water straightening veins inside the nozzle drastically reduce cavitation and increase nozzle head pressure and velocity. The 5 degree positive angle lightens the nose and adds top speed over any other nozzle. Specifically designed to maximize performance with a 13-19 or 14-20 prop.

Description	Part No.
GP1200R/GP1300R Performance Exit Nozzle	**162-13587**

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GTX 4-TEC



SEA-DOO RXT 2.5 DEGREE NOZZLE WEDGE KIT

The R&D 2.5 degree reduction nozzle wedge kit for the new Sea-Doo 4-TEC was designed, developed and tested extensively in all types of flat and rough water conditions to ensure that there would be no handling performance compromises. Most brands of watercraft have some form of V.T.S. (variable trim system) including other model Sea-Doo's. Why the 4-TEC doesn't have a trim system is a mystery. Extensive testing has led our development team to wedge the reduction nozzle up 2.5 degrees which will inexpensively give your 4-TEC better handling everywhere and provide a boost of 1 to 2 mph in top speed performance. The billet aluminum CNC machined 2.5 degree reduction nozzle wedge kit was designed to work with the OEM O.P.A.S. system and installs easily in 15 to 20 minutes with R&D's "easy install" directions.

Description	Part No.
02-03 GTX 4-TEC SC / 03-05 GTX 4-TEC NA 2.5 Degree Pump Wedge/Cable Extension Kit	143-95002
RXP 215 2.5 Degree Pump Wedge/ Cable Extender Kit	143-95003
RXT 215/(04-05) GTX 4-TEC 2.5 Degree Pump Wedge/Cable Extender Kit	143-95004
RXT-X 255 2.5 Degree Pump Wedge/ Adjustable Trim Rod/Cable Extender Kit	143-95005
RXP-X 255 1.0 Degree Pump Wedge/ Adjustable Trim Rod/Cable Extender Kit	143-95006



RIVA SEA-DOO RXP/RXT/GTX-SC BILLET PUMP WEDGE

2-Degree wedge trims up your pump nozzle raising the bow of your craft for less drag and more control.

Description	Part No.
RXP, RXP-X, RXT-X, GTS-SC 2-Degree Pump Wedge	RS23050-1-ER



RIVA RXP/RXP-X/RXT-X VTS EXTENSION ROD

RIVA's precision-machined VTS Extension Rod allows maximum "nozzle down" adjustment after installation of RIVA Pump Wedge. Necessary on modified craft to keep bow down during initial acceleration while still providing maximum top speed advantage when trimmed up. Adjustable design comes preset for RIVA 2° Pump Wedge (part# RS23050).

Description	Part No.
RXP/RXP-X/RXT-X VTS Extension Rod	RS23050-1-ER



R&D ULTRA 250/300 1 DEGREE NOZZLE WEDGE KIT

The R&D 1 Degree Reduction Nozzle Wedge Kit for the Ultra 250X/LX will add quicker acceleration and top speed performance as well as allow the bow to ride slightly higher which will significantly reduce annoying bow spray promoting a much dryer ride. Extensive testing has led our development team to wedge the reduction nozzle up 1 full degree which will inexpensively give better handling everywhere and provide a boost of up to 1 mph in top speed performance. The billet aluminum CNC machined 1 degree reduction nozzle wedge kit was specifically designed to work without compromising or removing the O.E.M. reverse gate. The R&D Pump Wedge Kit comes complete with all the necessary hardware and instructions for easy installation.

Description	Part No.
R&D Ultra 250X/LX 1° Nozzle Wedge Kit	141-25001
R&D Ultra 300X/LX 1° Nozzle Wedge Kit	141-30000

BLOWSION



02-02-432

Jet Dynamics



JD #36

ALUMINUM PUMP SHOES FOR YAMAHA SUPERJET

Aluminum pump shoes are designed to replace the stock plastic unit which is prone to fail with a winged intake grate. These aluminum pump shoes have a completely redesigned front entrance compared to the OEM plastic pump shoe allowing water to feed into the pump more efficiently. Improves hookup, cornering, stability, rough water speed and overall handling.

Description	Part No.
Blowsion Yamaha SuperJet 96+ Pump Intake Shoe. ***(Drilling is Required)***	02-02-432
Jet Dynamics SuperJet 96+ OEM Replacement Aluminum Pump Ring	JD #36
Jet Dynamics Yamaha 155mm Pump Shoe	JD#155



RICKTER PLASTIC PUMP SHOE

144mm Pump Shoe. Fits all Rickter, SuperJet, Wave Blaster and aftermarket hulls. Replaces OEM #6R7-5311-00.

Description	Part No.
Rickter Plastic Pump Shoe	PL-P-SHOE-144

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NEW

113-95008
RXP-X 260
(2012)



113-95007
RXP-X 255
RXT-X 255

Sea-Doo	Part No.
ALL SP/SPX/SPI/GT/91-96 XP/94 XPI/ 92-95 GTX/92-00 GTS/96 GTI	**113-00000**
HX 95-97 Pro 2	**113-72710**
96-97 GSX/96-97 GTX/97 GSI/97-01 GS/ 97-01 GS/97-00 GTI/98-02 GTX RFI/99-00 GSX RFI	**113-80400**
97-99 GSX LTD/98-99 GTX LTD/ 00-02 GTX/00-01 GTX DI/00-01 LRV/02 LRV DI	**113-80401**
XP97	**113-00001**
98-99 XP LTD/00-02 XP/00-02 RX/ 00-03 RX DI/RXX/03+ XP DI *for use with R&D Ride Plate pt# 123-80620 (Aquavein has extended tabs that lock into the R&D Ride Plate to remove stress from stock inserts).	**113-00002**
98-99 XP LTD/00-02 XP/00-02 RX/00-03 RX DI/ RXX/03+ XP DI *for use with stock ride plate.	**113-00003**
01 GTS/01-05 GTI/02-05 GTI LE/ 04 GTI LE RFI/04-05GTI RFI/04-05 3D *for use with stock ride plate.	**113-00003**
02-05 GTX 4-TEC ALL MODELS 02-03 GTX/951 DI, RXT	**113-95000**
RXP 215	**113-95001**
RXP 215 PRO 2 AQUAVEIN & GIRDLE KIT	**113-95002**
RXP 215 GIRDLE KIT Only	**123-10010**
RXP-X 255, RXT-X 255	**113-95004**
GTI 06-07	**113-95003**
RXP-X 255/RXT-X 255 Pro 2 Deep Closed Course Race	**113-95007**
GTXis, GTX Limited 260 (09-11), RXT iS 260, RXT-X 260 (10-11), RXT aS 260	**113-95006**
RXP-X 260 (2012) (T3)	**113-95008**
GTR 215 (12-13), GTi SE 130 (12-13) NEW GTS 130 (11-13) *Available summer of 2013*	**113-95010**



111-80001
800 SXR

Kawasaki	Part No.
440/550 all years	**111-55100**
650 SX/X2	**111-65100**
750 SX/SXI	**111-75101**
750 SXI Pro 98-02	**111-75102**
750/900/1100ZXI (99 only STX/pre 00-1100 STX)	**111-75500**
Ultra 150 All	**111-15000**
1200 STXR /15F Pro 2 *for use with R&D Ride Plate #121-12001	**111-12100**
15F/12F/STXR/STXR DI *for use with stock or R&D Ride Plate pt#121-15100	**111-15001**
800 SXR STEALTH series	**111-80001**
Ultra 250X/LX (07-08), 260X/LX (09-10)	**111-25000**
Ultra 300X (11-12)	**111-30000**

R&D AQUAVEIN



112-18021
VXR Pro 2



112-18020
VXR



112-18001
FZR



112-18010
FX SHO (2012)

Yamaha	Part No.
Super Jet (96-07)	**112-70102**
Super Jet (96-07) Double Deep PRO 2	**112-70105**
Super Jet (96-07) Limited Race	**112-70106**
Super Jet (2008)	**112-70108**
GP1200R/GP1300R (single bar)	**112-12100**
701 & 760 WaveRds/Rds Deluxe 701/Venture 95-96	**112-70300**
1100 WaveRdr/Venture, 97 760 Wave Venture, 98 Venture 701	**112-11300**
GP1200 97-99, XL 700/760. XL 1200 98	**112-12000**
GP760/800 98-00	**112-70301**
XL1200 LTD/XL 800/SUV/XLT 800 & 1200	**112-12001**
GP1200R/GP 1300R all	**112-12002**
GP800R All	**112-00800**
FX140/FX H.O.	**112-14000**
VX110	**112-00110**
FX SHO, FX SHO CRUISER	**112-18000**
FZR, FZS	**112-18001**
VXR/VXS	**112-18020**
FX HO (2012-13)/FX Cruiser HO/ FX SHO (2012-13) NEW	**112-18010**
VXR/VXS Pro2	**112-18021**

Honda	Part No.
F12X 1200 T3	**115-12003**

Polaris	Part No.
All (Except 750/Hurricane)	**114-65100**
SL/SLT 50/Hurricane	**114-75100**

Watcon.com

WATCON INTAKE/SCOOP GRATE DEPTH GAUGE

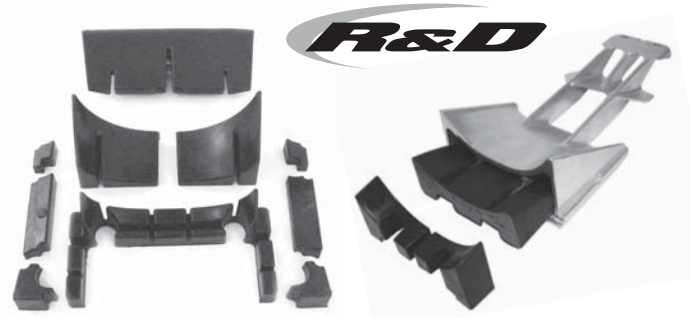


Most savvy tuners are sure to set their intake grates to the maximum IJSBA allowed limits for the best hook-up possible. Watcon's "Depth Guage" has been manufactured to the Official IJSBA Rule Bok specifications.

Description	Part No.
Watcon Intake Scoop Grate Depth Guage	**IJSBA-1**

THE WATCON DEPTH GUAGE HAS BEEN MANUFACTURED TO THE SPECIFICATIONS IN THE IJSBA RULE BOOK, ALL FINAL DECISIONS ON THE LEGAL DEPTH ARE THE DECISION OF EACH RACE DIRECTOR AND THE TECHNICAL INSPECTOR FOR EACH RACE SITE.

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162-00000 162-00007

R&D PUMP PLUG KIT

Pump stuffer kit stuffs up all those unwanted cavities in the pump shoe that aid in producing cavitation. Reducing cavitation equals greater performance.

Yamaha	Part No.
GP1200R, GP800R, GP1300R	162-00000
XL1200LTD, XLT800/1200	162-00001
FX140, FX140 H.O. (160 HP)	162-00002
VX110 for Stock Intake Grate Applications	162-00110
VX110 for R&D Intake Grate Applications	162-00111
FX SHO Pump Shoe Seal Kit (OEM Scoop Grate)	162-00003
FX SHO Pump Shoe Seal Kit (RIVA Scoop Grate)	162-00004
FX SHO Pump Shoe Seal Kit (R&D Scoop Grate)	162-00005
FZR/FZS Pump Shoe Seal Kit (OEM Scoop Grate)	162-00006
FZR/FZS Pump Shoe Seal Kit (R&D Scoop Grate)	162-00007
VXR Pump Seal kit For Stock Scoop Grate	162-00008
VXR Pump Seal Kit for R&D Aquavein Intake Grate	162-00009
FX SHO (2012)/FX Cruiser Pump Shoe Seal for R&D Grate NEW	162-00010
FX SHO (2012)/FX Cruiser Pump Shoe Seal for OEM Grate NEW	162-00011

Kawasaki	Part No.
R&D 750/800 Stand-Up	161-80000
R&D Ultra 250/260 Pump Shoe Seal Kit	161-25000
R&D Ultra 300X Seal Kit for OEM Intake Grate	161-30000
R&D Ultra 300X Seal Kit for R&D Aquavein Intake Grate	161-30001

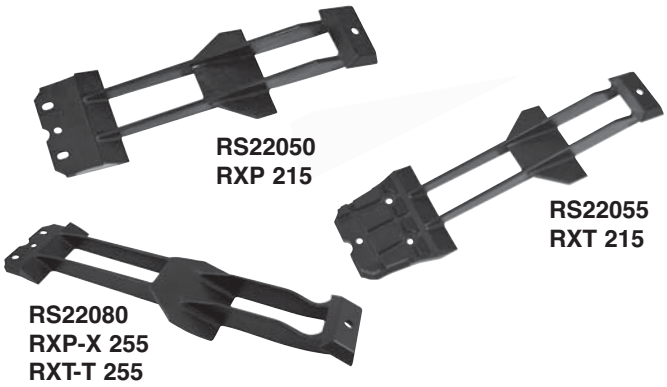


FX-SHO - RY25040 FZR/FZS - RY25050

RIVA PUMP SEAL KITS

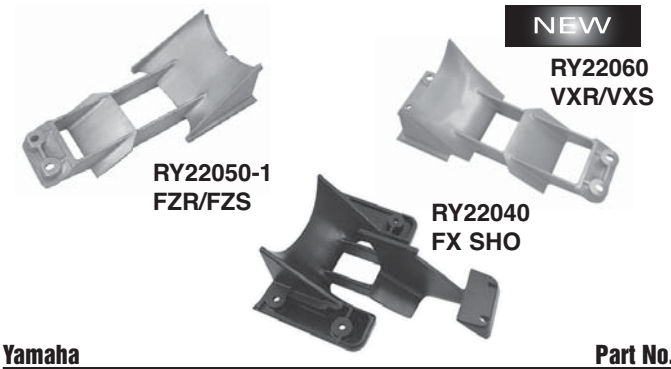
Dramatically reduce cavitation and prop spin with our easy to install Pump Seal Kits. Location specific, molded inserts fill the voids in OEM pump inlet shoe that bleed air into pump causing cavitation. Recommended for modified craft using aftermarket intake grates. Includes detailed installation instructions.

Yamaha	Part No.
RIVA FX-SHO Pump Seal Kit for RY22040	RY25040
RIVA FZR/FZS Pump Seal Kit for RY22050-1	RY25050
RIVA VXR/VXS Pump Seal Kit for RY22060	RY25060



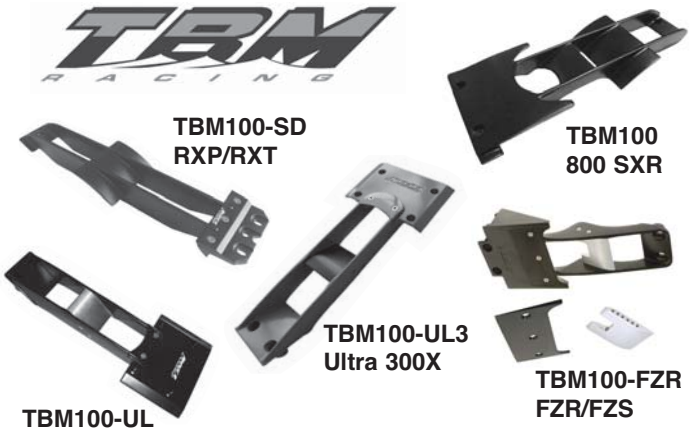
RIVA TOP LOADER INTAKE GRATE

Sea-Doo	Part No.
RIVA RXP 215 (04-08)	RS22050
RIVA RXT 215 (05-08)/GTX-SC (03-04)	RS22055
RIVA RXP-X 255/RXT-X 255HP	RS22080



Yamaha	Part No.
RIVA FX140, FXHO	RY22325
RIVA FX SHO, FX SHO Cruiser (2008-11)	RY22040
RIVA FZR/FZS (Stainless Steel)	RY22050-1
RIVA VXR/VXS/VX (Stainless Steel) NEW	RY22060

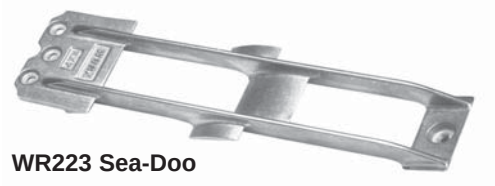
Kawasaki	Part No.
RIVA Ultra 250/260X, 250/260LX	RK22090
RIVA Ultra 300 Turnable Top Loader	RK22100



TBM SUPER SCOOPS

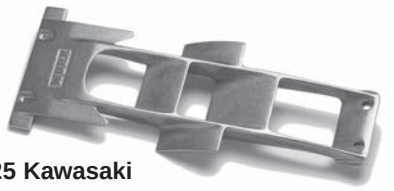
Description	Part No.
TBM Sea-Doo RXP/RXT Super Scoop	TBM100-SD
TBM Yamaha FZR/FZS Tunable Super Scoop	TBM100-FZR
TBM Kawasaki SX-R 800 Super Scoop	TBM100
TBM Kawasaki Ultra Tunable Super Scoop	TBM100-UL
TBM Kawasaki 300X Ultra Tunable Scoop	TBM100-UL3

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WR223 Sea-Doo

WORX RACING COMPONENTS



WR225 Kawasaki

WORX RACING INTAKE GRATES

Sea-Doo	Part No.
HX (All), GTS (1993-01), GTX (1993-95) GTI (1993-95)	WR206
SP, SPI (1992-96), SPX (1996-99), XP (1996)	WR207
GSX, GS, GSI (All), GTX (1996-97), GTI (1997-01) GSX-RFI, GTX RFI (1998-02)	WR208
XP, XP LTD, XP DI (1997-04)	WR211
GSX LTD (All), GTX, GTX LTD (1998-01) GTX, DI (2000-01)	WR212
RX (All), GTS (2001 only), GTI (2002-04)	WR217
GTX, GTX LTD (2002+), GTX-SC (2003), RXT (2005)	WR221
RXP (2004+)	WR223
GTI, GTI SE (2006+)	WR226
RXP-X, RXT-X (2008)	WR229
RXT iS 225, GTX LTD iS 255 (2009), GTX 155, RXT 215, Wake Pro 215, GTX iS 215, RXT iS 260, GTX LTD iS 260, RXT-S 260 (2010)	WR235
RXP-X	WR238
GTR (2012+)	WR243



WR201 Yamaha

Yamaha	Part No.
SuperJet, Wave Blaster (All Pre-2008)	WR201
SuperJet (All Pre 08)	WR205
SuperJet (All Pre 08)	WR205D
GP 760/800, Raid 701/760, Vent 701 (All)	WR213
GP/XL 1200, Vent 760/1100, Raider 1100, Wave Blaster 800 (All)	WR214
XL LTD 1200 (All), XLT (2001)	WR216
GPR 800/1200 (2000+), GPR 1300 (2003+)	WR218
FX140 (All), FX HO, FX 160 (Pre 2008)	WR224
SuperJet (2008+)	WR228
FX SHO (2008)	WR232
FZR, FZS (2009)	WR233
FX SHO (2012)	WR237
VX Series	WR239
VXR/VXS	WR240
FZR/FZS S2	WR241

Jet Dynamics



Ultra 150 (#51)

JET DYNAMICS SHAFT SHIELDING TOP LOADER (SST)

Description	Jet Dynamics	Part No.
Kawasaki Ultra 150	Standard (#51)	54-6500
Yamaha Deep Grate	#60SST	JP#60SST
Kawasaki 800 SXR	#53	JP#53

WORX RACING INTAKE GRATES

Kawasaki	Part No.
650 SX/X2 (All)	WR202
750 SX/SXI (All)	WR203
750 SXI Pro (All)	WR203D
440/550/550SX (All)	WR204
ZXI (All), STX 1100 (1988-99), STX 900 (1999)	WR209
Ultra 130, 150, DI (All)	WR215
STX 1200, STX-R (2000+), STX 12F (2003+), STX 15F (2004+)	WR219
SX-R 800 (2003-12)	WR222
SX-R 800 (2003-12) (Dominator Grate)	WR225
Ultra 250X, 260X, Ultra LX (2007+)	WR227
Ultra 300X	WR236

Polaris	Part No.
All Models Except Hurricane/Genesis	WR210

Rickter	Part No.
All Models	WR242

Honda	Part No.
R-12X	WR230
F-15X	WR234



WR308 Yamaha

WORX RIDE PLATES

Yamaha	Part No.
Wave Blaster 1&2	WR301
SuperJet (1996-07) (No “D” Cut out)	WR302
SuperJet (1996-07) Long Race Ride Plate	WR305
SuperJet (1996-07) Recreation Ride Plate	WR308
SuperJet Rec (2008+)	WR312
FZR/FZS	WR313
SJ Freeride (2008+)	WR314
SJ Freeride (1996-2007)	WR315
FZR/FZS Rec	WR316

Kawasaki	Part No.
750 SX/SXI (No “D” Cut out)	WR303
750 SXI-Pro	WR306
750 SX/SXI	WR307
SXR	WR310
SXR (Double Concave Ride Plate)	WR311

Polaris	Part No.
Octane	WR309

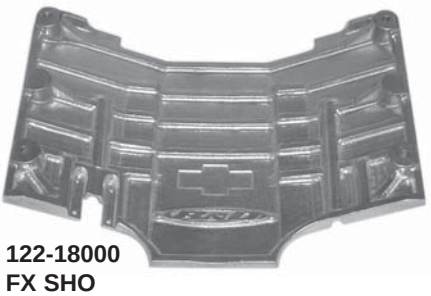
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123-80621

SEA-DOO 3D RIDE PLATE

Sea-Doo	Part No.
3D Ride Plate	123-80621
580/650 X-Tender (except 3 seater)	123-00000



122-18000
FX SHO



122-18001
FZR/FZS

YAMAHA PRO SERIES RIDE PLATE

Yamaha	Part No.
Super Jet 96-07	122-70101
Super Jet 96-07 Ruis Ride Plate	122-70102
Superjet (2008-13)	122-70108
GP 760/800/1200	122-12000
GP1200R/800R Speed Plate	122-12001
XLL 1200, XLT1200, XL800	122-12004
GPR 1200R/GPR1300R	122-13001
FX 140 02-04	122-14000
05+ FX, FX140/ FXHO	122-16000
FX SHO (2008-11) SHO Cruiser	122-18000
FZR/FZS	122-18001
VXR/VXS	122-18004



NEW

RIDE PLATE TRIM PADS FOR RXP-X 260

Description		Part No.
R&D Ride Plate*	NEW	123-80622
Trim Pads for RXP-X 260 (2012-13)		

See page 29 for more information



122-13000
GP1300R

YAMAHA GP1300R RIDE PLATE

The plate mounting surface has been raised and re-angled, producing quicker and more stable planing from 0-30 mph and smoother cruising at 50-60 mph. There is also more positive straight line stability and better high speed cornering.

* Requires a slight and simple modification to the reduction nozzle.

Yamaha	Part No.
GP1300R speed plate	122-13000



122-13001

YAMAHA GP1200R/ GP1300R/GP800R RIDE PLATE TRIM PADS

The Ride Plate Trim Pad design will promote smoother and quicker planing under aggressive 0-30 mph acceleration, produce an overall more stable ride, and has proven to have better top speed averages!

Yamaha	Part No.
GPR 1200R/GPR1300R Ride Plate Trim Tab	122-13001



121-80001

KAWASAKI 800SXR PRO SERIES RIDE PLATE

This Ride Plate has a lower planing surface and an improved rear contour shape, reduced porpoising, increased high speed stability, improved traction and cornering. It also integrates with aftermarket pumps and drop nozzle systems.



121-15100
121-15011
F15/F12



KAWASAKI F15/F12 SPEED PLATE / OPTIONAL REVERSE GATE BRACKET

This Ride Plate improves handling and adds up to 3 mph on top end speed. Optional reverse gate hardware kit available.

Kawasaki	Part No.
750 SX/SXI 92-97 Pro Series Plate	121-75101
750/900/1100ZXI Pro Series Plate	121-75500
750SXI Pro 98-02 Pro Series Plate	121-75102
800 SXR 03-07 LTD Series Plate	121-80000
800SXR Pro Series Superstock Plate	121-80001
1200 STXR/1100 STX DI/1200 STXF (for use with stock grate)	121-12000
1200 STXR/1100 STX DI/ 1200 STXF (for use with R&D Aquavein #111-12100	121-12001
F15/F12 Speed Plate (optional reverse gate bracket available)	121-15100
F15/F12 Reverse Gate Bracket Kit (for use with part #121-15100)	121-15011
Ultra 250X Offshore Ride Plate	121-25000
Ultra 300X	121-30000

Polaris	Part No.
650/700/750/780SL	124-00100

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RY21050 Top
Sea-Doo 215/155 4-Tec



RY21050 Bottom

RIVA PERFORMANCE RIDE PLATE

Sea-Doo	Part No.
RIVA SD 215/155 4-Tec Ride Plate (04-10) (non iControl)	RS21050
RIVA SD 255 4-Tec Ride Plate (08-11) (non iControl)	RS21080
RIVA SD RXP-X 260 (T3 Hull) (2012)*	RS21110
RIVA 4-Tec Open Loop Cooling Kit	RS1013-50

** See page 29 for more information*



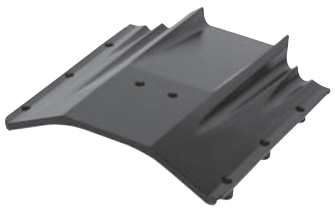
RY21040
FX SHO



RY21011
SJ (2008-12)

Yamaha	Part No.
RIVA FX-SHO Performance Ride Plate**	RY21040
RIVA FZR/FZS Performance Ride Plate**	RY21050
RIVA VXR/VXS Performance Ride Plate**	RY21060
RIVA SuperJet (2008-12) Pro Series Ride Plate	RY21011

*** See page 63 for more information*



RY21090



RY21100

Kawasaki	Part No.
RIVA Ultra 250/260X Performance Ride Plate***	RK21090
RIVA Ultra 300X Performance Ride Plate***	RK21100

**** See page 85 for more information*



REPLACEMENT HULL INSERTS

Replacement for damaged or missing hull inserts that hold ride plates and intake grates in place.

Description	Part No.
Repair Kit (4 inserts per kit)	54-7900



BLOWSION CARBON RIDE PLATE KENNEY LIP RIPPER

Designed with feedback exclusively from Joe, Taylor Curtis and Clay Cullen this is quite simply the coolest ride plate for surf shredding available. Unique reverse "D" cutout generates wave carving turns to die for.

Yamaha	Part No.
SuperJet 96-07	02-01-245
Kawasaki 800 SXR	02-01-208



RIDE PLATE - CARBON 2008+ SJ "MIDI"

Tested and updated for the unique 2008 SJ's. This dual channel recessed bottom design race plate is set up in mid length for all around recreational and freestyle riding with the 2008 Super Jet.

Description	Part No.
Ride Plate - Carbon 2008+ SJ "Midi"	02-01-243



54-7462 Yamaha Superjet

JET DYNAMICS CONCAVE RIDE PLATES

U.S PATENT NO. 335.484

Yamaha	Jet Dynamics	Part No.
701 Super Jet (1996-07) Extra Long	(#DD-RP)	54-7462
750 SXI Pro/800SXR Extra Long	(#TT-RP)	54-7474



TBM123
800 SXR



TBM123-Y08
(SJ 2008+)

TBM RIDE PLATES

Description	Part No.
Yamaha SuperJet "Signature Series" (2008+) Ride Plate	TBM123-Y08
Kawasaki SXR 800 "Signature Series" "Race" Ride Plate	TBM123
Kawasaki 300X Ultra Tunable Ride Plate	TBM123-UL3

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A.



BLOWSION TUBBIE SPONSONS

Description	FIT	Part No.
A. Blowsion Tubbie 1	Universal Fit	**02-01-002**
Blowsion Tubbie 2	Universal Fit	**02-01-003**
Blowsion Tubbie MIII	Universal Fit	**02-01-004**



02-01-015



02-01-012

BLOWSION TUBBIE DESTROYER SPONSONS

New removable Tubbie Destroyer front sponsons from Blowsion are composite front and back (not foam backed) and built specifically shaped to each model of standup. They are a 3 bolt ten minute a side install. No more time-consuming installs using permanent screws and glue like the Blowsion Tubbie I, II, and III. Patent Pending

Destroyer Front Sponsons	Color	Part No.
Kawasaki SX-R, Hydrospace	White	**02-01-010**
Kawasaki SX-R, Hydrospace	Black	**02-01-015**
2008+ Yamaha Superjet	White	**02-01-012**
2008+ Yamaha Superjet	Black	**02-01-016**
2008+ Yamaha Superjet	Blue	**02-01-018**
1996-07 Yamaha Superjet	White	**02-01-013**
1996-07 Yamaha Superjet	Black	**02-01-017**



WAVE S.R.L. FRONT SPONSONS

Short version of Front Sponson is legal for Ski Stock, Ski Limited, Ski Superstock and Ski GP.
Long version of Front Sponson is legal for Ski Limited, Ski Superstock and Ski GP (No Ski Stock for 2013 IJSBA rules).

Kawasaki	Part No.
Wave S.R.L. Front Sponsons Black Short Version - 90cm Length	**FFS101**
Wave S.R.L. Front Sponsons Black Long Version - 126.5cm Length	**FFS-L**

See page 102 for more information.



WORX RACING SPONSONS

Fitting WORX sponsons to your PWC is like fitting extra wide tires to your road car. Unbelievable cornering, better control in the rough and predictable inline tracking while towing wakeboards or waterskiers. WORX sponsons are easy to fit, look great and bolt right into stock mounting holes.

Sea-Doo	Part No.
SP, SPI, XP (1992-96), SPX (1996-97)	**WR504**
GS, GSI, GSX, GSX LTD, GSX RFI (All)	**WR505**
HX (All)	**WR506**
SP, SPI, XP (1992-96), SPX (1996-97)	**WR510**
XP, XP LTD, XP DI (1997+)	**WR515**
GTX, GTX LTD, GTX RFI (1997-01), GTI (1996-01)	**WR517**
GTX (1993-95), GTS (1996-01)	**WR518**
RX, RXX, RX DI (ALL)	**WR521**
GTX (2002-04), RXP (2004)	**WR526**
GTX, RXP, RXT, RXT-X, RXP-X (2005+), GTI (2006+)	**WR534**
RXP-X, RXT-X, All RS Models (2008) Professional Race Sponsons	**WR540**
iS Models (2009)	**WR545**
RXP-X	**WR548**

Kawasaki	Part No.
ZXI (All)	**WR508**
STX 1100 (1988-99), STX 900 (1999)	**WR513**
Ultra 130, 150, DI (All)	**WR519**
STX-R 1200 (All)	**WR525**
STX 900/1100 DI (2000+), STX 12F, STX 15F (All)	**WR527**
SX-R 800 (2003+) Rear Sponsons	**WR528**
Ultra 250X/260X/Ultra LX (2007+)	**WR536**
Ultra 300 LX	**WR547**

Yamaha	Part No.
WaveRaider	**WR507**
GP 760/800/1200 (All)	**WR511**
Wave Venture, XL 1200 (1996)	**WR514**
XL 1200/1200 LTD (1999-00), XL 800 (2000-01)	**WR520**
GPR 800/1200 (2000-05), GPR 1300 (2003-04)	**WR522**
XLT (All)	**WR524**
FX 140, FX HO	**WR529**
GRP (2005+)	**WR533**
FX SHO (2008)	**WR542**
FZR, FZS (2009)	**WR543**
SuperJet Rear Sponsons (All models)	**WR544**
FX, FXSHO (2012+) NEW 2 Position Backing Plate	**WR551**
VXR, VXS	**WR552**
FZR, FZS	**WR554**

Honda	Part No.
R-12, R-12X	**WR530**
F-12, F-12X. F-12 GPScape	**WR531**
R-15X (2009)	**WR541**

Polaris	Part No.
SLX 785 Pro (All)	**WR516**
Virage/Freedom, TX, SL, SLT, SLXH (All)	**WR509**

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R&D G-FORCE SPONSONS

R&D designed and tested to deliver superior cornering, unmatched speed, and improved straight line stability. R&D Pro Series Sponson Kits main feature includes an ultra strong cast aluminum CNC machined backing plate, which is far superior over plastic backing plates with furniture inserts for threads! The R&D Pro Series Sponson Kits offer a adjustability, smoother more predictable ride with much better low and high speed turning capabilities!



2-position back plate (forward or backward) and 3-position (depth) sponson blade adjustability.

Sea-Doo	Part No.
RXP/GTX-4TEC 03-04	**123-95100**
05 GTX, GTI/RXT/RXP 06 RXP-X, RXT-X, GTI 06	**123-95101**
RXT iS/aS	**123-95110**
RXP-X (2012)	**123-95111**



Yamaha	Part No.
FX HO, FX SHO (2012), FX Cruiser HO	**122-01799**
FX SHO, FX SHO Cruiser	**122-01800**
FX FZR, FZS	**122-01801**
VXR/VXS	**122-01820**



Kawasaki	Part No.
Ultra 250/260/300X/LX	**121-25001**



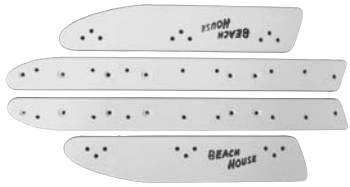
NEW

R&D SPONSON EXTENDER

Description	Part No.
R&D FZR/FZS/VXR/VXS/SHO (2004-12) NEW Sponson Extender*	**122-01802**

See page 65 for more information





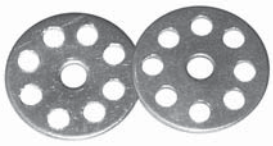
BH306-W



Sea-Doo	Color	Part No.
GT/GTI 92-96, GTS 94-00, GTX 94-95	White	**BH102-W**
RX, RX DI, RXX	Black	**BH106-B**

Kawasaki	Color	Part No.
STX750 97-98, XI 95-99, XIR 94-95, STS 96-97	White	**BH301-W**
STX-R 02-05	White	**BH306-W**





* Sold Each. Thickness 1.5 mm

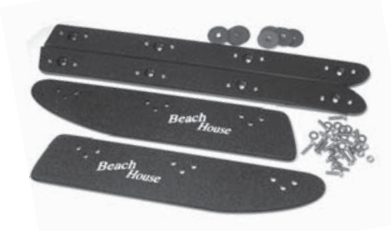
BEACH HOUSE LARGE WASHER

Developed to assist in preventing cracking or sponson failure by distributing the extreme pressure to a larger surface area developed when cornering. The washers are compatible with all model sponsons made by Beachouse and the other manufacturers.

Description	Part No.
Stainless Steel Large Washer (Sold individually)	**NO1**



Drilling Required



STIX BEACH HOUSE SPONSONS

Designed by racers and made for racing. Installation does not use the OEM mounting holes if applicable and requires drilling of new mounting holes.

Yamaha	Part No.
GP760/800/1200 97-00 Pro Slalom Series With Short Face Plates* These sponsons perform the best in smooth water conditions	**SX202-W** (White) **SX202-B** (Black)

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RIVA RACING SPONSONS



Sea-Doo	Part No.
RIVA Pro-Series Sponson Kit RXP, RXP-X, RXT, RXT-X, GTX (08-11)	RS26050
RIVA Pro-Series Sponson Kit RXP-X 260 (T3) (2012), RXT-X 260/RXT-X aS 260 (S3) (2012)	RS26110



RIVA YAMAHA FX-SHO, FZR/FZS/VX SPONSON KIT

Unique blade design provides a significant improvement to the handling characteristics. Reduces rough water hunting and rolling sometimes experienced with stock sponsons. Sponson depth is adjustable to control the amount of influence they have on craft. Easily installs to stock mounting points with our bulletproof mounting system that features billet inserts in sponson fins. Fits all Yamaha FX-SHO, FZR, FZS & VX models.

Description	Part No.
RIVA Yamaha FX-SHO/FZR/FZS/VX Sponsons Kit	RY2625



Kawasaki	Part No.
RIVA Ultra 250/260/300X/LX Pro Series	RK26090



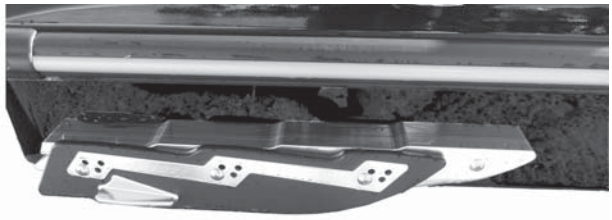
TBM RACING REAR SPONSONS

Yamaha	Part No.
TBM Racing FZR/SHO/FX/VX Adjustable Sponsons	TBM101-YAM

Kawasaki	Part No.
TBM Ultra 250X/260X/300X Adjustable Sponsons*	TBM101-UL
TBM 800 SXR Rear Sponsons	TBM101

**** See page 83 for more information.***

NEW



SE SPEED MAGIC ULTRA 250/260/300 SPONSON WITH FIN

Description		Part No.
SE Speed Magic Ultra 250/260/300 Sponson Kit	NEW	SE-101035

REPLACEMENT STAINLESS STEEL HARDWARE FOR SPONSONS (SOLD PER PIECE)



Pan Phillips Screws	Part No.
1/4"-20x7/8" Pan Phillips	BT7/8"X1
1/4"-20x1" Pan Phillips	BT1"X1/4
1/4"-20x1/4" Pan Phillips	BT1/4"PN
1/4"-20x1-1/2" Pan Phillips	BT1/2"PN
1/4"-20x2" Pan Phillips	BT2"X1/4
1/4"-20X1-1/2" Flat Phillips	BT1/2"FT



Flat Washers	
1/4" Flat Washer	WA1/4"
5/16" Flat Washer	WA5/16"
1" Flat Washer	WA1"
1/4" x20x1-1/2" Flat Washer	WA1-1/2"



Phillips Metric Screws	Part No.
6mmX25mm Phillips Metric	BT6MX25M
6mmX30mm Phillips Metric	BT6MX30M
8mmX30mm Phillips Metric	BT8MX30M



Lock & Hex Nuts	
6mmX1.0mm Lock Nut	NT6M-1.0M
8mmX1.25mm Lock Nut	NT8M-1.25M
6mm Hex Nut	NT6MHEX
8mm Hex Nut	NT8MHEX
1/4"-20 Lock Nut	NT1/4"-20

******All hardware is sold per piece.***

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SHAFT HOUSING PARTS FOR KAWASAKI

SHAFT HOUSING BEARINGS AND SEALS FOR KAWASAKI



All 440 & 550 (-90)

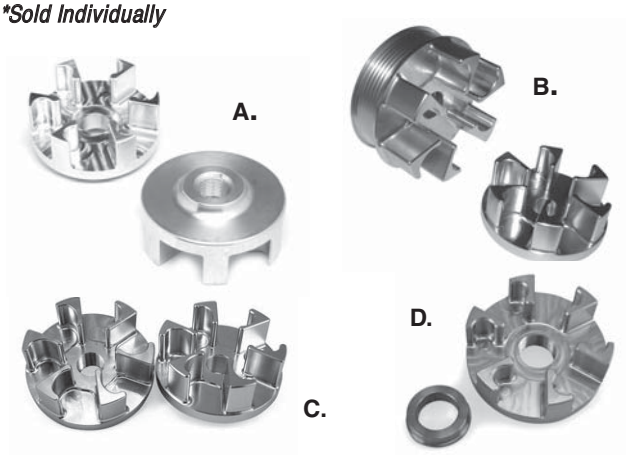
Kawasaki	Description	Part No.
440/550-90	Driveshaft Seal & Bearings Repair Kit	**54-3003**
440/550-90	Driveshaft Seal Only (4 Seals per Kit)	**54-3203**
440/550-90	Driveshaft Bearings Only	**54-3103***

**Sold Individually*



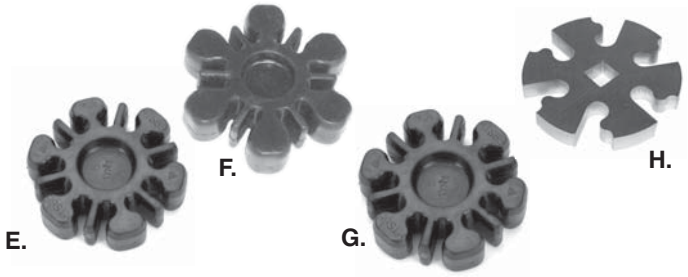
550SX, 650SX, 750SX, 900ZXI, 1100ZXI

Kawasaki	Description	Part No.
550SX 91-95 650/750/900/1100 All	Driveshaft Seal & Bearings Repair Kit	**54-3027**



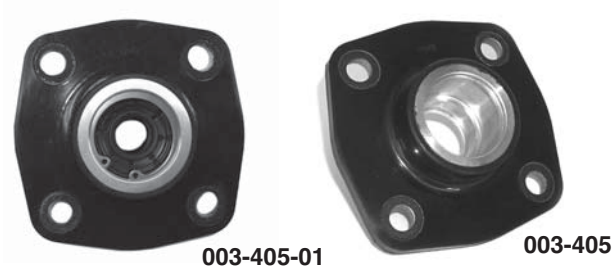
BILLET DRIVE COUPLER SET

Kawasaki		Part No.
A.	750SS 94-97, XI 93-97, ZXI 95-97, SXI 95-97, 800SXR	**KA800DCS**
	750SS 94-97, XI 93-97, ZXI 95-97, SXI 95-97, 800SXR ***(One piece only)***	**KA800DC**
B.	Ultra 250/260X	**31-700590**
C.	STXR/Ultra 150/STX/12F/15F	**31-700490**
D.	ADA 1100 SXR Drive Coupler Conversion	**31-700390**



DRIVE COUPLER RUBBER DAMPER & TOOLS

Kawasaki	Part No.
E. WSM Rubber Coupler Damper Kawasaki 440/550/650/750/800/900	**003-201**
F. WSM Rubber Coupler Damper Kawasaki 1100	**003-208**
G. WSM Rubber Coupler Damper Kawasaki Ultra 150 (OEM# 9160-3711)	**003-209**
H. Drive Coupler Removal Tool Kawasaki 440/550/650/750/800	**DC-800**



003-405-01

003-405

DRIVE SHAFT BEARING HOUSING

Kawasaki	Part No.
Driveshaft Bearing Housing only for 550SX 91-95, 650/750/900/1100/All OEM# 13280-3730	**003-405**
Complete Assembly with Bearing for 550SX 91-95, 650/750/800/900/1100/All	**003-405-01**



003-161-01



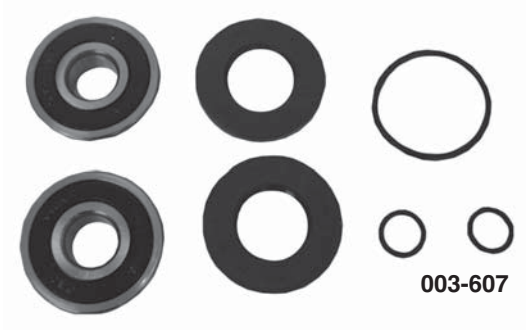
003-161-02

WSM OEM REPLACEMENT DRIVE SHAFTS FOR KAWASAKI PWC

Kawasaki	Year	OEM#	Part No.
750 SS	94-97	39159-3717	**003-161-01**
750 STX	98	39159-3717	**003-161-01**
750 ST	94-95	39159-3717	**003-161-01**
750 STS	95-97	39159-3717	**003-161-01**
750 XI Sport	98-99	39159-3717	**003-161-01**
750 SX	92-95	35159-3714	**003-161**
750 SXI	95	35159-3714	**003-161**
900 STS	00-01	39159-3732	**003-161-02**
900 STX	02-06	39159-3732	**003-161-02**
1100 STX DI	00-03	39159-3732	**003-161-02**
1200 STXR	02-05	39159-3732	**003-161-02**
1100 ZXI	96-03	39159-3724 39159-3740	**003-161-04**

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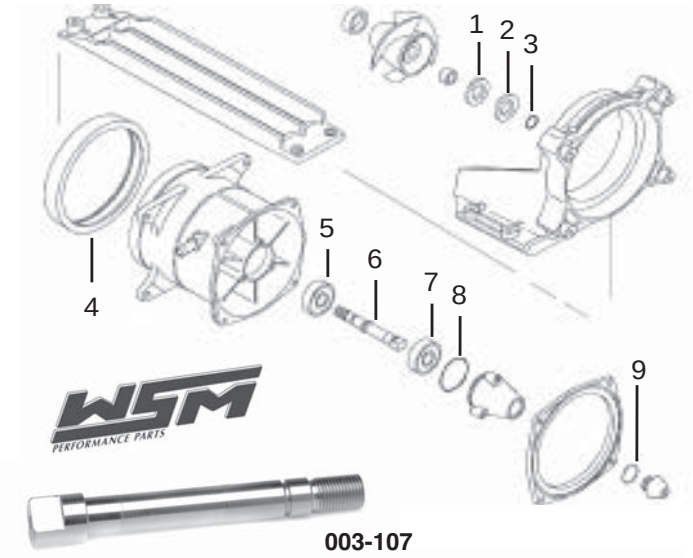
KAWASAKI JET PUMP REPAIR/REPLACEMENT PARTS



WSM KAWASAKI JET PUMP REPAIR KITS

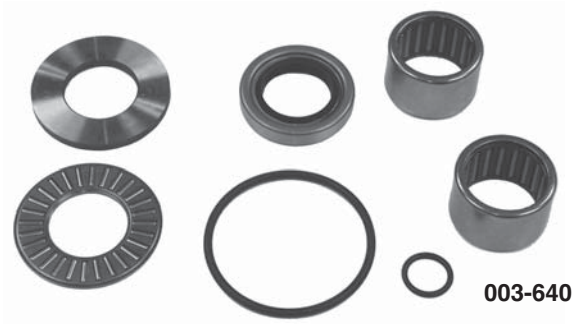
Most Kits Include: Oil Seals • O-Rings • Bearings

Kawasaki	Part No.
650 All, 750 All, 800 All	**003-607**
750 ZXI (95-97), 900 STS (01-02) 900 STX (92-00), 900 ZXI (95-97)	**003-608**
900 STX (01-03), 1100 STX (97-99), 1100 STX DI (00-03), 1100 ZXI (96-03) 1200 STX-R (02-04), STX-12F (03-04), STX 15F (04)	**003-609**
Ultra 130 (01-04), Ultra 150 (99-02)	**003-606**
Ultra 150 (03-05)	**003-613**
1200 STX-R (05), STX 12F (05-08), STX 15F (05-08)	**003-614**



WSM KAWASAKI REPLACEMENT PUMPSHAFT

Kawasaki	OEM No.	Part No.
650/750 (Except ZXI), 800 SXR	13107-3721	**003-107**
750/900/1100 ZXI 12F/15F/900STX/STXR/1200 STXD1	13107-3737	**003-109**
Ultra 130 (01-04) Ultra 150 (99-05)	13107-373	**003-114**



WSM SEA-DOO JET PUMP REPAIR KITS

Most Kits Include: Oil Seals • O-Rings • Bearings

Sea-Doo	Part No.
GT (90-91), GTS (92-96), GTX (92-94), SP (89-96), SPI (93-96), SPX (93), XP (91-93)	**003-640**
GS (97-01), GSI (97), GSX (96-98), GSX LTD (98), GSX RFI (99-00), GTI (96-00), GTX (95-00) GTX RFI (98-02), HX (95-97), SP (97), SPX (94-99), XP (94-97), XPI (94), XP 800 (95), XP LTD (98)	**003-641**
GSX LTD (99), GTI (01-04), GTI LE (02-04), GTI RFI (04), GTS (01), GTX (00-02), GTX DI (00-03), GTX LE RFI (03), GTX LTD (99), LRV (00-01) LRV DI (02), RX (00-02), RX DI (00-03), XP (00-02) XP DI (03-04), XP LTD (99)	**003-643**
GTX 4-TEC ALL (02-03)	**003-644**
GTX 4-TEC ALL (04-08), RXP, RXT ALL (05-08)	**003-645**



SEA-DOO PUMP HOUSING SEALS AND O-RINGS

Sea-Doo	Description	OEM No.	Part No.
GTX 4-TEC	Pump Seal	293-200-086	**009-730-01T**
580/650/720/800	Pump Seal	293-200-025	**009-730-01**
580/650/720/800	Pump Shaft Needle Bearings	293-350-001	**54-3130**
580/650/720/800	Pump O-Ring	293-300-011	**008-641**
		293-300-013	**008-642**



WSM SEA-DOO PUMP THRUST BEARINGS

Sea-Doo	OEM No.	Part No.
580-650-951 (97)	293-350-002	**010-228-01**
580-650-951 (98-01)	293-350-019	**010-228-02**
951 (Late)	213-350-022	**010-228-03**

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DRIVELINE PARTS FOR SEA-DOO



SEAL CARRIER, OIL SEAL & BEARING FOR THE SEA-DOO 580/650/720/800

Sea-Doo	Part No.
Seal Carrier Bearing	**54-3135**
Seal Carrier Oil Seal	**009-730-01**



003-115 003-116 003-115-01 003-116-01

Sea-Doo	OEM Number	Housing Only	Complete Assembly
GSX (98), GT (90-91), GTS/GTX (92-95), SP (90-95), SPi (93-95), XP (92-94), XPi (94), XP800 (95)	272-000-024	**003-115**	**003-115-01**
HX (95-97), XP (97), XP Ltd (98), XP (02), XP Di (03-04), 3D RFi (05), 3D 947, Di (06)	272-000-012-400	**003-116**	**003-116-01**



SEA-DOO SEAL CARRIER REPAIR KIT

Sea-Doo	Part No.
HX (95-97), XP (97+)	**003-120**



DRIVE SHAFT BUMPERS

Sea-Doo	Part No.
560/650/720 All (sold in pairs) OEM#292-000-019	**003-350**



011-111 011-112

THRU HULL REPAIR FITTING FOR SEA-DOO IMPELLER SHAFT

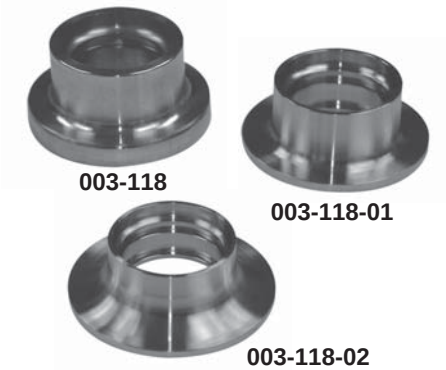
Sea-Doo	Part No.
All Models OEM Standard Size OEM# 292-000-075	**011-111**
All Models Oversize	**011-112**



SEA-DOO COUPLER RETAINER

Hot Products precision machined thermal fit coupler retainer, holds coupler in casing and prevents shaft damage.

Sea-Doo	Coupler	Part No.
HX 96+	Front	**54-1152**
XP 97	Front/Rear	**54-1152**



003-118 003-118-01 003-118-02

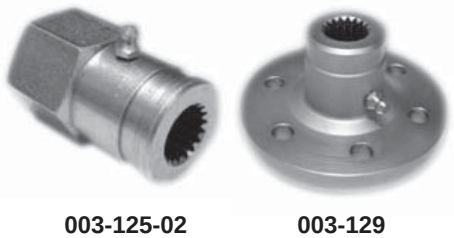
SUPPORT RING

Sea-Doo	OEM#	Part No.
HX 95-97, XP 97-Up	272-000-064	**003-118**
GTI 06, GTX 4 TEC 02-07,RXT 05	272-000-176	**003-118-01**
GTX 06-07, RXP 04-07	271-001-434	**003-118-02**



CARBONE RING

Sea-Doo	Part No.
720 HX 95, All Models 96-97 OEM#272-000-042	**003-110**



003-125-02 003-129

SEA-DOO PTO ENDS

Sea-Doo	Part No.
Lightweight 580/650/720	**003-125-02**
951	**003-129**



PTO BOOT

Sea-Doo	Part No.
All Models OEM#272-000-001	**003-100**



DRIVE SHAFT BOOT

Sea-Doo	Part No.
720HX 95, All Models 96-97 OEM#272-000-041	**003-105**
580/650 All to 95	**003-102**
GTX 4-Tec, RXT OEM# 272-000-183	**003-104**
GTI/GTX 02-05, RX 02-03, 3D RFI 05-06 OEM# 272-000-184	**003-104-01**

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DRIVELINE PUMP PARTS FOR SEA-DOO



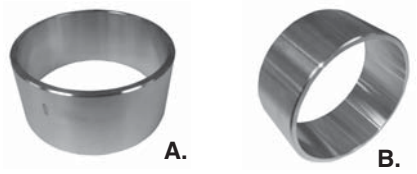
REPLACEMENT DRIVE SHAFTS FOR SEA-DOO

Sea-Doo	Year	OEM#	Part No.
580 GTS, SP, SPI, 720 GTI, GTS	96	272-000-073	**003-154**
720 SP	97	272-000-073	**003-154**
720 SPX	96	272-000-073	**003-154**
800 GSX	96-97	272-000-096	**003-152**
800 GSX (RFI)	99-01	272-000-096	**003-152**
800 SPX	97	272-000-096	**003-152**
800 XP	96	272-000-096	**003-152**
800 XP	97	272-000-009	**003-163**
951 GTX LTD	98-99	272-000-160	**003-168**
951 GTX, GTX DI, LRV	00-01	272-000-160	**003-168**
951 RX, RX DI	00-01	272-000-151	**003-159**



REPLACEMENT PUMP WEAR RINGS

Sea-Doo	Part No.
580/650/720/800 Wear Ring OEM# 271-000-291	**003-500**
951 98+ OEM# 271-000-653	**003-503**
4-Tec/4-Tec SC OEM#267-000-104 (155 mm)	**003-502**
RXP/RXT OEM#267-000-105 (159 mm)	**003-499**



SOLAS STAINLESS STEEL REPLACEMENT WEAR RINGS FOR 4-TEC SEA-DOO

Description	Part No.
A. 155mm SR Series Wear Ring	**SR-HS-156-01**
B. 159mm SRX Series Wear Ring	**SRX-HS-159-02**



RIVA RXP/RXT SS REPLACEMENT WEAR RING

Replaces original plastic unit with easy press in installation. Durable stainless steel resists debris damage and saltwater corrosion.

Sea-Doo	Part No.
159mm SRX Series	**RS33-159-SRX**
155mm SR Series	**RS33-155-SR**

Sea-Doo PWC Application Chart:
- 155mm liner fits 185/155/135hp 4-Stroke units
- 159mm liner fits 255/215hp 4-Stroke units



REPLACEMENT PUMPSHAFT

Sea-Doo	OEM Part No.	Part No.
580/650/720/800	**271-000-291**	**54-3140**
951 97-98	**271-000-886**	**003-108**
951 99-01*	**271-000-965**	**003-111**

*033-111 Length=5 3/4" Thread O.D.=11/16" Uses Larger I.D. Thrust Washer (010-228-03)



PUMP WEAR RING WITH STAINLESS SLEEVE

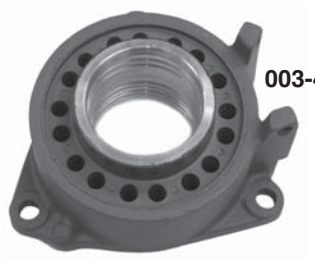
Sea-Doo	Part No.
2-Stroke before '98 Sea-Doo 580/650/720/800	**003-500S**
4-Tec/SC (155 mm)	**003-502S**
RXP/RXT (159 mm)	**003-499S**



IMPELLER SHAFT THRUST WASHER

Sea-Doo	Part No.
580/650/720 All OEM#293-350-003	**003-099**

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003-400

WSM YAMAHA REPLACEMENT BEARING HOUSING

OEM # 61X-45332-00-9M Part No. 003-400

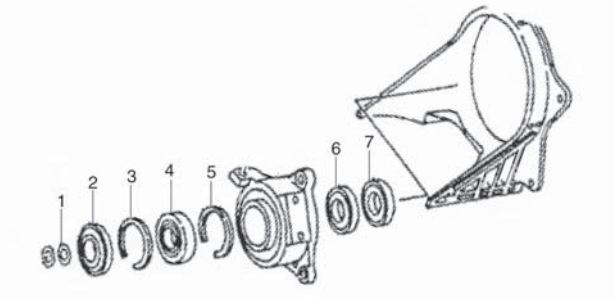
Yamaha	Year	Yamaha	Year
701 FX1	94-95	800 GP	01
701 Raider	94	800 XL	00-01
701 VXR	93-94	1100 Raider	95-96
701 Wave Blaster	93-94	1100 Wave Venture	96-97
701 Wave Runner III	94	1200 GP	97,01
701 Raider	95-97	1200 XL	99-01
701 SJ	95-01	701 Wave Venture	98
701 Wave Blaster	95-96	701 XL	99-01
701 Wave Runner III	95,97	760 GP	99-00
701 Wave Venture	95-96	760 XL	98-99
760 Raider	96	800 GP	98-00
760 Wave Blaster	96-97	1200 GP	98-99
760 Wave Runner GP	97-98	1200 XL	98
760 Wave Venture	97		



WSM YAMAHA COMPLETE BEARING HOUSING KIT

Comes completely assembled with bearing and seals installed.

Description	Part No.
Fits same applications as 003-400 above	**003-400-01**



WSM YAMAHA BEARINGS HOUSING REPAIR KIT

Description	Part No.
Repair Kit for WSM 003-400-01, WSM 003-402-01 and OEM Housing	**003-622**

WSM YAMAHA BEARINGS HOUSING INDIVIDUAL PARTS

Description	OEM#	Ref. No.	Required	Part No.
O-Ring	93210-17MA4-00	1	1	**008-559**
Oil Seal	93101-25M55-00	2	1	**009-709**
Clip	93430-47M04-00	3	1	**003-095**
Bearing	93306-205U6-00	4	1	**010-242**
Clip	93430-47M04-00	5	1	**003-095**
Oil Seal	93101-25M55-00	6	1	**009-709**
Oil Seal	93101-25M56-00	7	1	**009-709-01**

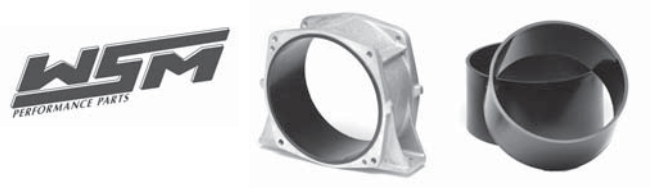


003-403

WSM YAMAHA REPLACEMENT BEARING HOUSING

OEM # 65A-G5331-00-00 Part No. 003-403

Yamaha	Year	Yamaha	Year
XL 700	99-04	GP 800	00
Wave Venture 700	98	Wave Venture 1100	97
GP 760	00	GP 1120	97-99
Wave Venture 760	97	XL 1200	98
XL 760	98-99		



JET PUMP HOUSING WITH REPLACEMENT WEAR RING FOR YAMAHA

Yamaha	Part No.
650 Super Jet 90-93	**003-507**
650 VXR 91-95	**003-507**
701 Super Jet 95-13	**003-507**
701 Wave Blaster 93-96	**003-507**
650 Wave Runner 92-93, 96	**003-506**
701 Wave Runner III GP 94-95	**003-506**
701 Wave Raider 94-97	**003-506**
701 Wave Raider DX 95	**003-506**
701 Wave Runner III 97	**003-506**
701 Wave Venture 95-96	**003-506**
760 GP 97-00	**003-506**
760 Wave Raider 96	**003-506**
800 GP 98-00	**003-506**
701 Wave Venture 98	**003-505**
701 Wave Venture XL 99-01	**003-505**
760 Wave Venture 97	**003-505**
800 GP 01	**003-508**
800 XL 00-01	**003-508**
1100 Wave Venture 96-97	**003-505**
1100 Wave Raider 95-96	**003-505**
1200 GP 97-99	**003-505**
1200 GP 00-01	**003-508**
1200 SUV 99-01	**003-508**
1200 XL 98	**003-505**
1200 XL 99-01	**003-508**

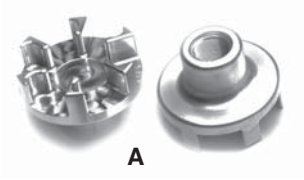
Replacement Wear Rings (Sold Individually)	Part No.
Fits 003-506 and 003-507 (144mm)	**003-521**
Fits 003-505 (155mm)	**003-520**
Fits 003-508	**003-522**

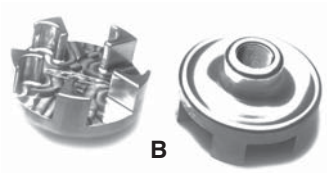


SOLAS YAMAHA 155MM WEAR RING HOUSING

Description	Part No.
Solas 155mm Wear Ring Housing	**YFS-HS-155**

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BILLET DRIVE COUPLER SET

Yamaha	Part No.
A. ADA All Yamaha (except 63M/66E/66V) Utilizes Kawasaki Dampener Type*	**34-700190**
B. GP1200R, XLL1200	**612-12000**
*WSM Rubber Coupler Damper Kawasaki 440/550/650/750/800/900	**003-201**



003-170



003-174



003-175



003-178



003-250 **003-251** **003-251** **003-251**



003-255 **003-257** **003-258**



TOOL#61-5



TOOL#60-3

DRIVE COUPLER WRENCH

Yamaha	Part No.
144mm Pump	**TOOL#60-3**
155mm Pump	**TOOL#61-5**

WSM REPLACEMENT DRIVE SHAFTS FOR YAMAHA

Yamaha	Year	OEM#	Part No.
650 SJ	90-93	6R7-45511-01-00	**003-170**
701 Raider/Wave Runner III	94-97	6R8-45511-00-00	**003-174**
701 SJ	96-06	6R7-45511-01-00	**003-170**
701 Wave Venture	95-96	6R8-45511-00-00	**003-174**
701 Wave Venture	98	65R-45511-00-00	**003-175**
701 XL	99-04	65R-45511-00-00	**003-175**
760 Wave Raider	96	6R8-45511-00-00	**003-174**
760 Wave Venture	97	65R-45511-00-00	**003-175**
760 XL	98	65R-45511-00-00	**003-175**
800 XL	00-01	66V-45511-00-00	**003-178**
1200 GP	00-01	66V-45511-00-00	**003-178**
1200 SUV	99-01	66V-45511-00-00	**003-178**
1200 XL	99-00	66V-45511-00-00	**003-178**
1300GP	03-04	66V-45511-00-00	**003-178**
1300SUV	03-04	66V-45511-00-00	**003-178**

WSM REPLACEMENT COUPLER SHAFTS FOR YAMAHA

Model	Year	Length	O.E.M. No.	Part No.
650 SJ	1990-93	160mm	6R7-51323-01-00	**003-250**
650 W/ RUNNER III	1990-93	282mm	6R8-51323-01-00	**003-258**
650 W/ RUNNER III	1995-96	282mm	6R8-51323-03-00	**003-258**
700 SJ	1995-2008	160mm	6R7-51323-02-00	**003-250**
700 W/RAIDER	1994-96	282mm	6R8-51323-03-00	**003-258**
700 W/RAIDER	1995-97	282mm	6R8-51323-10-00	**003-258**
700 W/RUNNER III	1994-1995	282mm	6R8-51323-02-00	**003-258**
700 W/RUNNER III	1997	282mm	6R8-51323-10-00	**003-258**
700 XL	1999-2004	240mm	63N-51323-10-00	**003-251**
700 W/VENTURE	1995,98	240mm	63N-51323-10-00	**003-251**
760 W/RAIDER	1996	282mm	6R8-51323-10-00	**003-258**
760 W/VENTURE	1997	240mm	63N-51323-10-00	**003-251**
760 XL	1998-99	240mm	63N-51323-10-00	**003-251**
800 GP	1998	122mm	63M-51323-00-00	**003-252**
800 GP	2001	205mm	66V-51323-01-00	**003-253**
800 GP	2002-2005	240mm	68N-51323-00-00	**003-255**
800 XL	2000-2001	205mm	66V-51323-01-00	**003-253**
800 XLT	2002-04	205mm	68N-51323-00-00	**003-255**
1100 W/RAIDER	1995-96	122mm	63M-51323-00-0	**003-252**
110 W/VENTURE	1996-97	122mm	63M-51323-00-00	**003-252**
1200 GP	1997-99	122mm	63M-51323-00-00	**003-252**
1200 GP	2000-2001	205mm	66V-51323-01-00	**003-253**
1200 GP	2002	205mm	68N-51323-00-00	**003-255**
1200 SUV	2001	205mm	66V-51323-01-00	**003-253**
1200 SV	2002-04	205mm	68N-51323-00-00	**003-255**
1200 XL	98	122mm	63M-51323-00-00	**003-252**
1200 XL	2000	205mm	66V-51323-01-00	**003-253**
1200 XL	2001	205mm	68N-51323-00-00	**003-255**
1200 XLT	02-05	205mm	68N-51323-00-00	**003-255**
1300 GPR	2003-08	205mm	68N-51323-00-00	**003-255**

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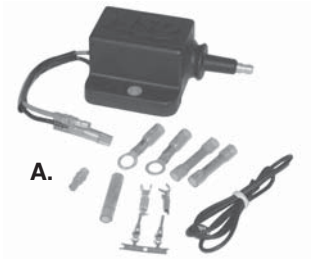
MSD™ POWERSPORTS

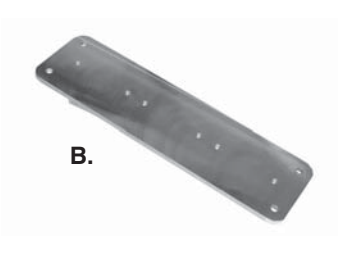
MULTI-CHANNEL RACING IGNITION SYSTEMS FOR YAMAHA 650/701/760

Precise ignition timing is essential to produce maximum horsepower. However, one timing setting is not ideal for an engine's entire rpm range. The dynamics of air and fuel flow into the engine as well as the speed that the piston travels through the combustion stroke all affect the ideal timing setting. Fortunately, the Programmable MSD Ignition lets you tune in a custom timing curve to match your engine's requirements.

There are three settings that you program to create a timing curve. First you set where you want the initial timing, or idle timing. Next you set the rpm point to begin the curve, followed by the amount you want it to retard (up to 30°) through the high rpm limit. All the adjustments are made with dip switches built into the ignition.

This Ignition delivers a powerful capacitive discharge spark from idle to top end. This improved output results in complete combustion for performance through the entire rpm range of your engine.

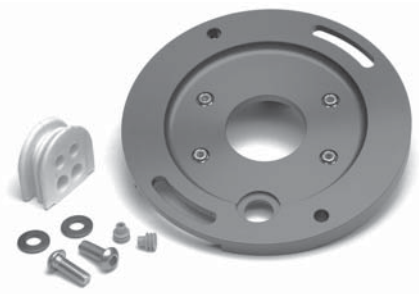




MSD COILS

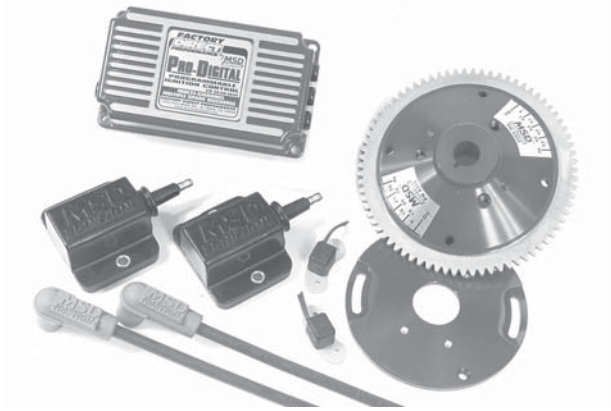
COIL SPECIFICATIONS:
Turn Ratio: 70:1
Primary Resistance: 0.2 OHMS
Secondary Resistance: Less than 2000 ohms
Max Voltage: 30 KV

Description	Part No.
A. Single Tower Pro Coil	**42921**
B. Pro Coil Bracket (Holds up to 3 Pro Coils)	**4570**



MSD TRIGGER PICKUP PLATE

Description	Part No.
Yamaha 650/701/760	**4311**



Description	Part No.
Yamaha 650/701/760 Total Loss	**42380**

Kit Contains the following:

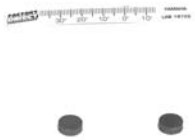
Description	Part No.
Pro-Digital Programmable Ignition Unit	**42351**
Trigger Plate	**4311**
Triggers (2)	**4316**
Coil (2)	**42921**
Coil Bracket	**4570**
Wire Set	**31009**
Flywheel	**43032**



PRO-DIGITAL PROGRAMMABLE IGNITION

Description	Part No.
MSD Pro-Digital Programmable Ignition (unit only)	**42351**







MSD TOTAL LOSS PICK UP

Description	Part No.
Pick Up Total Loss Universal	**4316**
Pick Up Yamaha 800/1100/1200	**43161**
Timing Tape, Sea-Doo	**LAB17344**
Timing Tape, Yamaha 1200/800	**LAB19722**
Magnets, Round 2 pcs/set	**4309**

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MSD 8.5MM SUPER CONDUCTOR SPARK PLUG WIRE

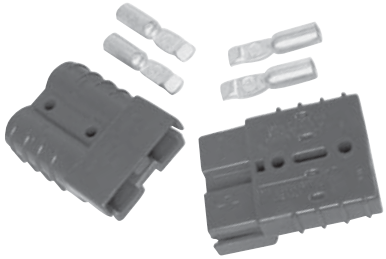
Spark plug wires have two main objectives; transfer the spark energy and suppress the Electro Magnetic interference (EMI) that the spark voltage creates. The MSD 8.5mm Super conductor delivers the best of both worlds. MSD uses a special copper conductor keeping resistance under 50 ohms per foot! Even with this low resistance, the wire retains high EMI suppression capabilities. By wrapping the conductor tightly around a ferro-magnetic impregnated center core and EMI choke is created, keeping any interference inside the wire.

Description	Part No.
Two Cylinder Wire Set	31009
One Cylinder Wire Set	31019
Three Cylinder Wire Set	31039



MSD BULK WIRE

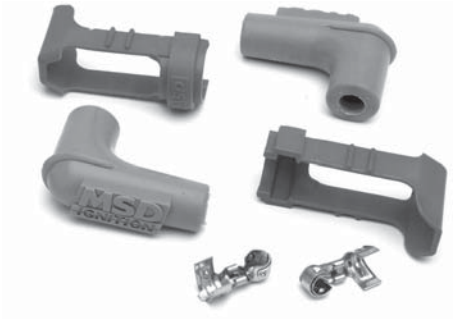
Description	Part No.
Bulk Wire 25 feet - Red	34019
Bulk Wire 25 feet - Black	34013



MSD BATTERY QUICK DISCONNECT

Racers will appreciate this Quick Disconnect Battery Connector because it allows for easy removal of the battery. The connectors grip together to form a vibration proof connection but can easily be disconnected for quick removal for charging of the battery.

Description	Part No.
Battery Quick Disconnect	4376



MSD SPARK PLUG BOOT RETAINERS

There's no excuse for losing a race due to a plug wire popping off when you run MSD's Boot Retainers. These handy clamps are molded from heat resistant nylon material and will lock the boot to the spark plug.

Description	Part No.
Boot Retainer, 90° Spark Plug Boots & Terminal	3340



MSD SPARK PLUG BOOT & TERMINALS

Description	Part No.
A. MSD 90° Spark Plug Boots & Terminal (2 pieces)	3311
B. MSD Spark Plug Terminals (Pack of 100)	34615
B. MSD Spark Plug Terminals (Pack of 10)	34615-10



MSD DUAL WIRE SEPARATORS

These handy separators will secure two wires and keep them away from the exhaust or moving parts. Each wire can be moved easily and clipped right back in! Sold in a pack of 16.

Description	Part No.
Dual Wire Separator (pack of 16)	8841

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MSD POWERSPORTS

ENHANCER IGNITIONS

Each Enhancer is a direct plug in unit and is designed to fit in the stock location. The Enhancer Ignition gives the racer an edge due to the powerful spark energy and adjustable rev-limiter. The Enhancer Ignitions produce a much more powerful spark, as much as four times more spark energy, to insure complete combustion of the fuel mixture. This complete combustion results in improved performance including quick throttle response, improved pulling power and top end, plus will reduce spark plug fouling. Whether your watercraft is stock or if you've added other modifications such as a better flowing intake or exhaust modifications, the Enhance ignitions will improve the performance.

4253



MSD YAMAHA 650/701 ENHANCER

At lower rpm you'll notice incredible acceleration and throttle response due to advancing the timing. Then as the rpm increases, the timing is retarded to the factory setting to prevent detonation and engine damage. For racers, there is also a lower rpm limit that you can activate for quick and consistent holeshots. Everything you need to install the Yamaha Enhancer is supplied along with factory connectors for a direct plug-in installation!

Not compatible with Yamaha 760 engine applications.

Description	Part No.
Yamaha 650/701	4253

4251



MSD KAWASAKI 750 ENHANCER

The Kawasaki 750 Enhancer features the increased spark energy you expect from MSD plus they have an adjustable rev limiter and holeshot rpm limit. The rev limit is adjusted with a potential on the back of the ignition housing. The holeshot feature lets you activate a lower rpm limit that is best to use for quick starts at the beginning of a race. Also, these ignitions can be connected to the factory overheat sensor. With this feature, if the water temperature gets too high, the Enhancer will limit the rpm to a safe value to avoid any engine damage.
Note: Enhancer will not work on 1996Zxi.

Description	Part No.
Kawasaki 750 SX/SXI/95ZXI	4251

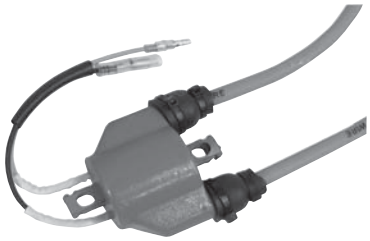


4255

MSD SEA-DOO 800 ENHANCER

The Enhancer Ignition for the Sea-Doo® 800 (also the '95, '96, XP and GSX) uses a high speed RISC microprocessor to control all of the timer and rev limiter functions. This opens the door for programming, giving you the ability to set two rev limits and a timing curve through a series of dip switches built into the Enhancer. Being able to control the ignition curve lets you match the timing specifically to your engine and its modifications. The Digital Enhancer produces a series of sparks through 3,000 rpm rather than just a single spark. This feature delivers incredible throttle response, acceleration and keeps the idle clean and smooth. Note: This modification will eliminate the factory DSS security system and the handlebar kill feature.

Description	Part No.
Sea-Doo 800 '95-96, 97-98 SPX, GTX	4255



MSD STOCK IMPROVED COIL

Replace your old factory coil with this direct bolt-on.

- Replaces Stock kawasaki & Yamaha Coils
- Molded -In 8.5mm Super Conductor Wires
- Output Voltage - 30KV • Primary Resistance - .08 OHM
- Secondary Resistance - 2K OHMS
- Used with Enhancer Ignition for Yamaha 650/701 and Kawasaki 750 only

Description	Part No.
Stock Improved Coil for Start-Up	4294



MSD EXTERNAL STARTER RELAY

This 12 volt relay is a heavy duty unit designed to mount outside the electrical box. It's made with material that locks out moisture and chemicals. The large copper terminals assure good solid contact with your wiring. The stainless steel base plate allows the relay to be mounted in any position. Rated at 65 amps.

Description	Part No.
MSD External Starter Relay	M4390

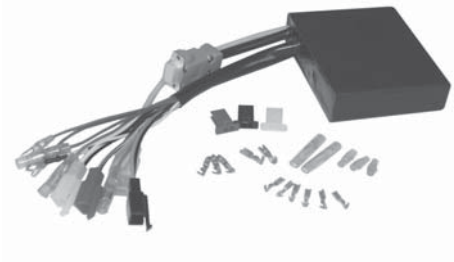
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IGNI-PRO PROGRAMMABLE IGNITION

The best is now even better! The all new updated Igni Power ignition does not require battery power like previous Igni Power ignitions or OEM Kawasaki CDI's when the engine is not running, thus eliminating the battery draw down issue of the past. Igni Pro is a high power ignition which is fully programmable with any computer or laptop. Simple and easy to connection via a USB cable. This allow you to program your ignition to your specific engine modifications and any future changes to your engine package. This ignition upgrade will increase power with any modification even you utilize the OEM stock pipe. The ignition can be operated as a total loss system with a TBM total loss flywheel. This system fits perfectly in the OEM ignition box for reliability. Supplied with complete instructions and programming software (all Windows expect Vista).

Description	Part No.
Igni-Pro Programmable Ignition 800 SX-R	IGNI800SXR



IGNI3 PROGRAMMABLE IGNITION FOR KAWASAKI 1100

Igni Pro is a high power ignition which is fully programmable with any computer or laptop. Simple and easy to connection via a USB cable. This allow you to program your ignition to your specific engine modifications and any future changes to your engine package. This ignition upgrade will increase power with any modification even you utilize the OEM stock pipe. The ignition can be operated as a total loss system with a TBM total loss flywheel. Supplied with complete instructions and programming software (all Windows expect Vista).

Description	Part No.
K1100 Programmable Ignition	IGNI3



IGNI PRO FULLY PROGRAMMABLE IGNITION

Igni Pro SuperJet plug and play fully programmable ignition. Now also available for Yamaha SuperJet the Igni Pro full programmable ignition with same function as our well know SX-R Igni Pro. Comes with software for easy program with any computer and laptop. A must for any modification - plug in and feel the power difference. We developed the ignition to work with OEM flywheel or with TBM/RRP or other charging flywheels with no problems. All Yamaha 650/701 SuperJet.

Description	Part No.
SJ 650/701 Programmable Ignition	IGNI-SJ



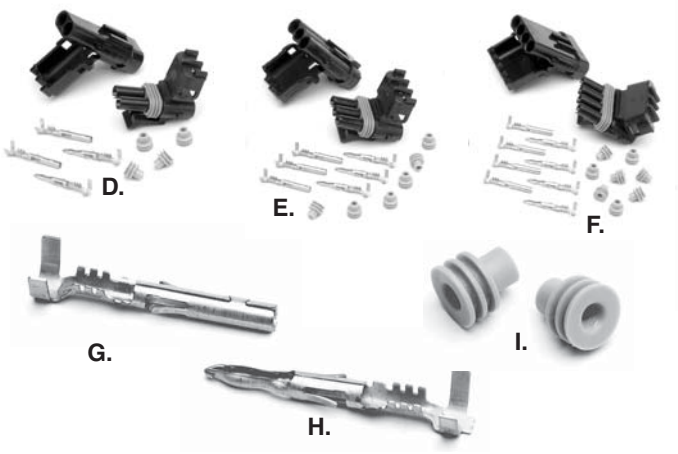
POWERSHOT ADJUSTABLE FUEL TUNER

The all new R&D Powershot fuel injection tuner will deliver increased horsepower, acceleration, and stronger mid-range performance by delivering a higher performing air to fuel ration (A.F.R.) to the engine. Many of today's high performance fuel injected four stroke muscle craft have a conservative A.R.R., which allows manufacturers to meet C.A.R.B.'s OEM emission standards and regulations. R&D Performance has tested, documented, and analyzed the OEM fuel map or curve, on every current fuel injected four stroke watercraft. The pre-programmed and coded R&D Powershot fuel injection control module safely alters the OEM fuel map to a higher performing and safer A.F.R. (richer). More horsepower, greater acceleration and stronger mid-range are the result when the proper A.F.R. is achieved and is tuned for optimum performance. The R&D Powershot is pre-coded, pre-tuned, preset and ready to install easily in minutes with R&D's comprehensive installation and tuning instruction.

The R&D Powershot is fully adjustable on the fly (with the engine running, observed and tuned while riding), and will accommodate a wide range of adjustability to properly performance tune the A.F.R. for any combination of aftermarket parts, i.e. aftermarket supercharger modifications, camshafts or valve train modifications, head modifications, exhaust system modifications, and high compression piston kits. The R&D Powershot will add horsepower, reliability, and adjustability to any electronic fuel injected two or four stroke watercraft engine.

Description	Part No.
KAW 12F/15F Powershot Fuel Tuner	801-15000
KAW Ultra 250X/250LX Powershot Fuel Tuner	801-25000
YAM VX110 Powershot Fuel Tuner	802-00110
YAM FX HO Powershot Fuel Tuner	802-16000
YAM FX SHO/FZR/FZS Powershot Fuel Tuner	802-18000
YAM GP 1300R Powershot Fuel Tuner	802-13001
YAM VXR/VXS Powershot Adjustable Fuel Tuner	802-18010
S-D GTX/GTI 4-TEC N.A. Powershot Fuel Tuner	803-95000
S-D GTX 4-TEC SC (185 HP) Powershot Fuel Tuner	803-95001
S-D RXP/RXT/GTX 4-TEC (215 HP) Powershot Fuel Tuner	803-95002
S-D RXP-X/RXT-X (255HP) Powershot Fuel Tuner	803-95003
S-D RXP-X (12)/RXT-X iS/aS	803-95004
Hydrospace Powershot Fuel Tuner Powershot Adjustable Fuel Tuner	806-10000

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HOT PRODUCTS WEATHER PACK CONNECTORS

Ideal for use in harsh environments. Positive snap-action locking. Secondary locking helps terminal retention and provides access to the terminals for service.

Description	Part No.
D. 2 Way Housing Kit	**55-2060**
E. 3 Way Housing Kit	**55-2061**
F. 4 Way Housing Kit	**55-2062**
G. Female Terminal Only 100/pk	**55-2070**



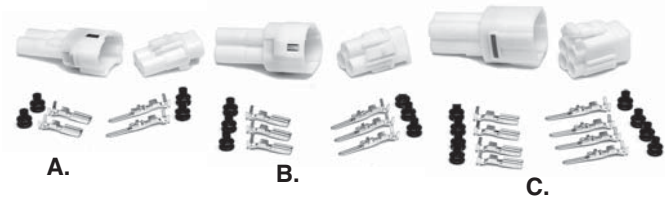
MSD WEATHERTIGHT

Description	Part No.
6 Pin Connectors	**8170**
4 Pin Connectors	**8171**
3 Pin Connectors	**8172**
2 Pin Connectors	**8173**



MSD GREY DEUTSCH CONNECTORS

Description	Part No.
8 Pin Connectors	**8185**
6 Pin Connectors	**8180**
4 Pin Connectors	**8181**
2 Pin Connectors	**8183**



WATERPROOF TERMINAL KIT

Japanese OEM type connector Kit. Made in Japan.

Description	Part No.
A. 2-Pin Terminal Kit	**16-622**
B. 3-Pin Terminal Kit	**16-623**
C. 4-Pin Terminal Kit	**16-624**



55-2035 - (5 pcs/pk)

JAPANESE OEM STYLE CONNECTOR

Made in Japan.

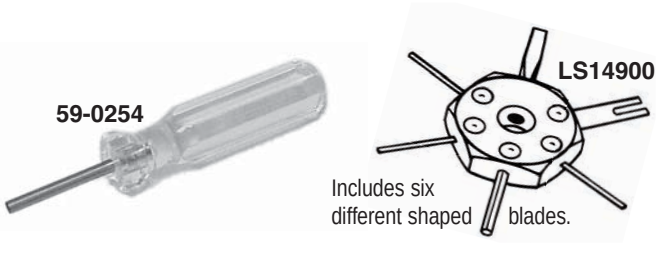
Description	Part No.
OEM Style Electric Connector Kit (5 pcs/pk)	**55-2035**
Dealer Kit (20 pcs/pk)	**55-2037**
Manufacturer Kit (100 pcs/pk)	**55-2039**



MALE/FEMALE TERMINAL KIT

This kit includes 30 of both the male and female terminals and plastic sleeves/covers. The terminals are tin plated to prevent corrosion. The terminal kit is provided in a handy plastic case. Made in Japan.

Description	Part No.
Male/Female Terminal Kit	**16-601**



TERMINAL DETENT TOOL

The hollow barrel allows you to depress the tab on the terminal end and to remove the wire from the connector without damaging its ends.

Description	Part No.
Terminal Detent Tool	**59-0254**
Terminal Removal Tool	**LS14900**

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DEUTSCH REMOVAL TOOL

This stainless steel tool is designed to easily disassemble Deutsch connectors. The flat end slides under plug wedges to release them from the housing. The hook end hooks onto the receptacle wedge to release from the housing and it can separate holding fingers to allow for the pin and socket to be removed.

Description	Part No.
Deutsch Connectors removal Tool	14114100



ADHESIVE LINED HEAT SHRINK BUTT CONNECTORS

Best used where moisture and corrosion is a problem. After crimping these terminals to wire, heat is applied enabling the adhesive within each shrunk tube terminal to melt and flow evenly to seal the connection against the harshest environment.

Description	Wire Range	Part No.
10pcs/pk Pink	22-18 (0.3-0.8mm)	55-2040
100pcs/pk Pink	22-18 (0.3-0.8mm)	55-2041
10pcs/pk Blue	16-14 (1-2mm)	55-2042
100pcs/pk Blue	16-14 (1-2mm)	55-2043



ADHESIVE LINED HEAT SHRINK RING TERMINALS

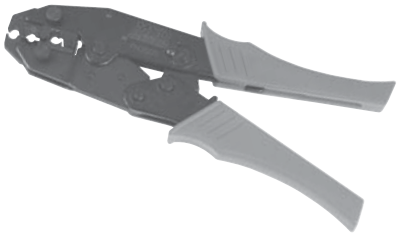
Description	Wire Range	Part No.
10pcs/pk Blue	16-14 (1-2mm)	55-2080
100pcs/pk Blue	16-14 (1-2mm)	55-2081

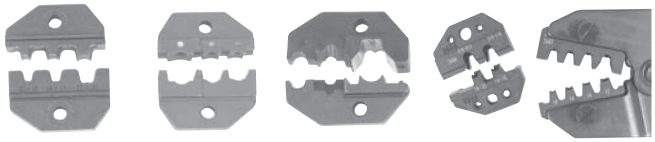


MSD PERMA-SEAL CONNECTION KIT

Maximum ignition reliability can only be obtained by using high quality connectors and the Perma-Seal Connector Kit fits the bill! The tin coated copper terminals prevent corrosion and increase the connector's strength. To seal the connection, each connector has a special heat shrinkable outer sleeve that bonds and seals to the wire when heat is applied to it.

Description	Part No.
MSD Perma-Seal Connector Kit	4377



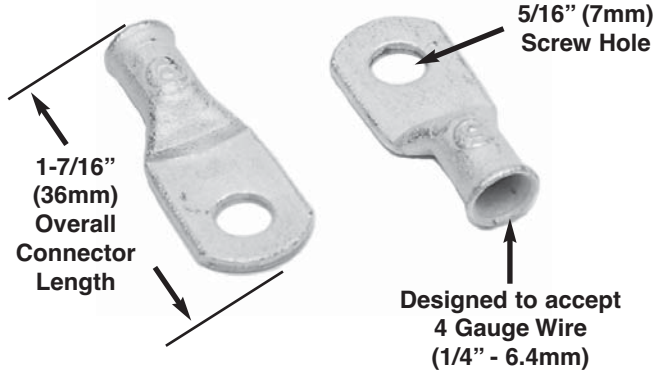


3506 3507 3508 3509

MSD PRO-CRIMP TOOL

To do a job right, it is important to have the right tools. If you custom build a lot of plug wires, the Pro-Crimp is the right tool for you! The Pro-Crimp features a hardened steel frame, molded hand grips and built-in ratchet action that is also adjustable. The tool is supplied with jaws to fit MSD's Super Conductor Spark Plug wires and can be removed to use additional jaws (sold separately) for crimping common wiring terminals.

Description	Part No.
MSD Pro Crimp Tool	35051
Amp Pins	3506
Amp Lug Dies	3507
Spark Plug Dies	3508
Weathertight Dies	3509
Deutsch Terminal Dies	3510



QUALITY BATTERY (LUGS) CONNECTION

Marine Grade™ lugs are manufactured from heavy duty annealed tinned copper, providing for maximum current flow. 100% tin plated copper resists corrosion from salt and moisture. Seamless barrel design allows for maximum strength when crimped. Closed end design seals out moisture so cables stay dry and corrosion free.

Descriptions	Part No.
Battery Cable Ends (2pcs/set)	55-2031



JUMPER CABLES

8 feet long heavy duty 8 gauge copper jumper cables are big on charging power, yet stow conveniently in the 9 x 9 inch nylon bag.

Description	Part No.
Jumper Cables	59-0530

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TBM124-YAM



TBM124-Kaw

TBM RACING CHARGING FLYWHEEL

Lightweight charging flywheel.
Yamaha flywheel weighs: 2.05 lbs.
Kawasaki flywheel weighs: 2.35 lbs.

Description	Part No.
TBM Racing Charging Flywheel for Yamaha 701 (62T)	TBM124-YAM
TBM Racing Charging Flywheel for Kawasaki 750-800	TBM124-KAW



TBM RACING 800 SXR TOTAL LOSS FLYWHEEL

TBM's flywheel is compatible with the stock ignition in 2004-06 models and any aftermarket ignition system. This is the lightest flywheel on the market saving over 3 lbs vs. the stock flywheel.

NOTE: 2003 SXR's require the use of an aftermarket ignition.

Description	Part No.
TBM Racing 800 SXR Total Loss Flywheel for Kawasaki	TBM124



TBM RACING 1100 TOTAL LOSS FLYWHEEL

Weighing in at 2.2 lbs (stock is 4.0 lbs.), you will gian a tremendous increase in acceleration and midrange power simply by bolting on this masterpiece.

Description	Part No.
TBM Racing 100 Total Loss Flywheel	TBM124-1100



TBM RACING 750/800 KAWASAKI CHARGING FLYWHEEL PULLER

Description	Part No.
TBM Racing 750/800 Kawasaki Charging Flywheel Puller	TBM152



J305



J315 Outside of Flywheel



J315 Inside of Flywheel

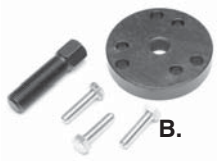
JETINETICS CHARGING FLYWHEEL

Jetinetics is the originator of the charging aluminum flywheel, and proudly retains the manufacturing right to its patented design. The patented Jetinetics Charging Flywheel is significantly lighter, 50% in some cases, which greatly reduces the energy used to overcome flywheel mass and allow the engine to increase rpms rapidly. A significant benefit is the fact that the engine will produce horsepower only after it has reached its powerband, which usually begins about 3800 rpm. By using a Jetinetics Charging Flywheel, the engine is able to reach its powerband much more quickly and create usable power much sooner. Further, during rapid cornering such as course racing or slalom runs, this becomes a significant factor for acceleration.
Kawasaki flywheel weighs: 2.15 lbs.

Description	Part No.
Yamaha 701 (62T)	J315
Kawasaki 750/800	J305

FLYWHEEL/MAGNETO PULLER







Sea-Doo	Part No.
A. 800/951 38mm x 1.5	MP#42

Kawasaki	Part No.
A. 900/1100 35mm x 1.5	MP#29
A. 1200 STX-R, Ultra 150 33mm x 1.5	MP#64

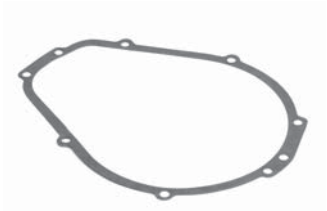
Sea-Doo	Part No.
B. 580/650/720 **12 Hole Disc 8mm Bolts**	MP#37

Polaris	Part No.
B. Polaris All & Universal **12 Hole Disc 8mm Bolts**	MP#37

Yamaha	Part No.
B. 580/650/Pre 94 701 **12 Hole Disc 8mm Bolts**	MP#37
B. 701/760/800/1100/1200 **12 Hole Disc 8mm Bolts**	MP#37

Kawasaki	Part No.
B. 300/440/550/650 **12 Hole Disc 8mm Bolts**	MP#37
C. 750/800 **Special 18mm x 1.5 Right Hand Bolt**	MP#18

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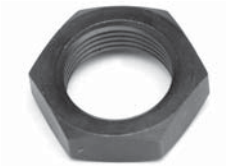
FLYWHEEL COVER & HOUSING GASKETS, O-RINGS & OIL SEALS

Sea-Doo Flywheel Cover O-Rings	OEM#	Part No.
580 (88-91)	290-950-130	6280
580/650/720 (92-98)	290-831-555	6278
800 (95-99)	420-950-360	6632
950 (98-99)	290-931-690	6795

Sea-Doo Flywheel Housing Gaskets	OEM#	Part No.
580/650/720	290-850-605	6130
800	290-931-470	6045

Yamaha	OEM#	Part No.
650/701/760	6M6-81365	2360
1100/1200	63M-81365	4505
1200XLL/GP1200R/1300R (Oil Seal)	93102-35M57	3710

Kawasaki	OEM#	Part No.
440/550 (O-Ring)	92055-521	008-417
650/750/800 (O-Ring)	92055-3712	008-418
Ultra 150	11060-3803	7790



010-480



010-481

SEA-DOO FLYWHEEL NUT & WOODRUFF KEY

Sea-Doo	MODELS	OEM#	Part No.
Flywheel Nut	All	420-842-230	010-480
Woodruff Key	All	420-246-055	010-481

FLYWHEEL BOLTS & WOODRUFF KEYS

Kawasaki	MODELS	OEM#	Part No.
Flywheel Bolts	650/750/800/1100	92150-381	010-491
Flywheel Key	650/750/800/1100	92038-001	010-481-01

Yamaha	MODELS	OEM#	Part No.
Flywheel Key	All Models	90280-16053-00	010-481-02



SKI M.D.
AUCKLAND, NEW ZEALAND



R&D KAWASAKI 750 & 800 SX-R TIMING ADVANCE KIT

The R&D SX-R 800 Timing kit produces a substantial performance gain with the OEM ignition system. By relocating the pickup trigger on the ignition cover a full six degrees of ignition timing is available. Initial ignition timing from 0-2000 rpm boosted from 14 to 20 degrees, mid 3000-5000 rpm from 20 to 26 degrees and overall 6500 rpm + from 12 to 18 degrees.

Description	Part No.
R&D 750/800 Timing Advance Kit	441-75001
Replacement Timing Cover Gasket Only	8050



PJS TIMING ADVANCE PLATE KAWASAKI 750/800

This plate will allow you to advance the timing of your Kawasaki 750 and 800. The recommended timing advance is 6 degrees. This kit includes the shim (washer) for the starter bendix.

You must use a thick timing cover gasket (Part 8050) for the proper clearance or engine damage will occur. Gasket is sold separately.

Description	Part No.
PJS Timing Advance Plate for 750/800	EN00010
Replacement Timing Cover Gasket Only	8050



ADA RACING TIMING ADVANCE PLATE KAWASAKI 12F AND 15F

This is a stock timing trigger plate that is machined with additional locations for timing advance. Has the stock position, +3, +4, and +5 degrees. This fits the Kawasaki STX-15F and STX-12F four stroke watercraft.

Description	Part No.
ADA Racing Timing Advance Plate	31-250100

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NEW MES AQUA TORQUE STARTERS AND STARTER DRIVES

MES "High Torque" models and OEM equivalent models.
All starters meet or exceed OEM specification.



S1090MHT
S1090M



S1091MHT • S1091M
*Complete as shown with mounting bracket



S1096MHT-9
S1096M-9
*9 Tooth Bendix



S1098MHT
S1098M



S1102M

Sea-Doo Model	OEM#	High Torque Starter	OEM Replacement Starter	Drive Gear Idle Gear
GT, SP, XP580 89-91	278-000-316	S1090MHT	S1090M	3275M/3276M
SP, SPL, SPX580 91-94	278-000-316	S1090MHT	S1090M	3275M/3276M
XP650 91-94(all)	278-000-316	S1090MHT	S1090M	3275M/3276M
580/650/720 94-00(all)	278-000-485	S1091MHT	S1091M	3275M/3276M
XP800 95, XP/GSX/GTX96	278-000-577	S1096MHT-9	S1096M-9	3275M/3276M
951(all)	278-000-98Z	S1098MHT	S1098M	3270M
4 Tec (4 Stroke)	290-888-999	————	S1102M	Not Required
97-2003 GSX, SPX, GTX RFI, GSX RFI & 2003 GTI RFI	278-001-497/278-001-038 278-001-301	S1096MHT-8	S1096M-8	Not Required



S1095MHT
S1095M



S1099MHT
S1099M



S1103M



S1101M



S1097MHT

Yamaha				
500 88-89	————	————	————	3274M
650/701 (all)	6M6-81800-10-00	S1095MHT	S1095M	3270M
760	64X-81800-00-00	S1105MHT	S1105M	3270M
800/1100/1200 (all)	63M-81800-00-00	S1099MHT	S1099M	3270M
FX140 (4 Stroke)	60E-81800-00-00	S1103MHT	S1103M	Not Required
VX1100	6D3-81800-00	S1107MHT	S1107	————
Honda				
F12/F12X 1200cc Aqua Trax	31200-HW1-671	————	S1101M	Not Required
Tigershark				
640/650/770/900/1000 (92-99)	3008/093/327/536	S1097MHT	————	3270M



S1094MHT
S1094M



S1092MHT
S1092M



S1100M



S1093MHT
S1093M

Kawasaki				
440/550/550SX (all)	21163-3710	S1094MHT	S1094M	3273M
650/750/800/900/1100 (all)	21163-3712	S1092MHT	S1092M	3270M
ULTRA150, STX-R	21163-3715	————	S1100M	Not Required
12F, 15F	2163-3720/2163-372	S1108MHT	S1108M	Not Required
Polaris				
650/750/785/900/1050 (all)	324-01100	S1093MHT	S1093M	3270M



3270M
(19 tooth)



3273M
(9 tooth)



3274M
(11 tooth)



3275M
9 Tooth
(OEM 9 Tooth)



3276M
8 Tooth
(High Torque Unit)

Manufacturer's Warranty Policy: All MES products (excluding MES Economy Starters), when properly installed, are warranted by MES against defects in materials and workmanship for a period of one year from the date of sale to the original purchaser. For MES to accurately inspect defective items for warranty consideration, we ask that all returns reach our facility within the warranty period with an RA#, along with a copy of the original invoice and a brief explanation of the product's alleged malfunction.

Non-Covered Warranty Issues: Our warranty is limited to the replacement of defective units only and does not cover labor or any other expenses. This warranty extends to the application under normal use, and does not apply to any of the following: submersion, deliberate abuse, broken drive-gears, that are broken or tampered with during installation, or involved in attempted improper installations. Any tampering or dismantling, grinding, drilling, removing or addition of parts, or any action that alters the original design of the unit, will immediately render this warranty null and void.

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MES ECONOMY STARTERS


C1090-NA


C1091-NA
*Complete as shown with mounting bracket


C1096-9-NA *9 Tooth Bendix


C1098-NA


C1102-NA

Sea-Doo Model	OEM#	Economy Starter	Drive Gear/Idle Gear
GT, SP, XP580 89-91	278-000-316	C1090-NA	3275M/3276M
SP, SPL, SPX580 91-94	278-000-316	C1090-NA	3275M/3276M
XP650 91-94(all)	278-000-316	C1090-NA	3275M/3276M
580/650/720 94-00(all)	278-000-485	C1091-NA	3275M/3276M
XP800 95, XP/GSX/GTX96	278-000-577	C1096-9-NA	3275M/3276M
951(all)	278-000-98Z	C1098-NA	3270M
4 Tec (4 Stroke)	290-888-999	C1102-NA	Not Required
97-2003 GSX, SPX, GTX RFI, GSX RFI & 2003 GTI RFI	278-001-497/278-001-038 278-001-301	C1096-8-NA	Not Required


C1095-NA


C1099-NA


C1097-NA

Yamaha Model	OEM#	Economy Starter	Drive Gear/Idle Gear
650/701 (all)	6M6-81800-10-00	C1095-NA	3270M
800/1100/1200 (all)	63M-81800-00-00	C1099-NA	3270M
Tigershark Model			
640/650/770/900/1000 (92-99)	3008/093/327/536	C1097-NA	3270M


C1092-NA


C1100-NA

Kawasaki Model	OEM#	Economy Starter	Drive Gear/Idle Gear
650/750/800/900/1100 (all)	21163-3712	C1092-NA	3270M
ULTRA150, STX-R	21163-3715	C1100-NA	Not Required

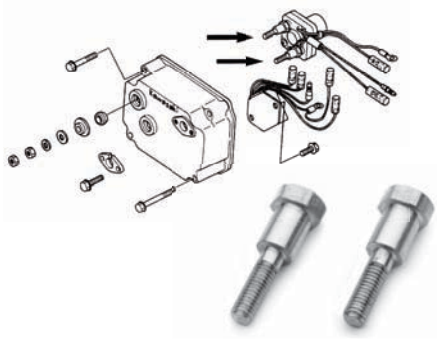
Manufacturer's Warranty Policy: All MES Economy Starters, when properly installed, are warranted by MES against defects in materials and workmanship for a period of 90 days from the date of sale to the original purchaser. For MES to accurately inspect defective items for warranty consideration, we ask that all returns reach our facility within the warranty period with an RA#, along with a copy of the original invoice and a brief explanation of the product's alleged malfunction.

Non-Covered Warranty Issues: Our warranty is limited to the replacement of defective units only and does not cover labor or any other expenses. This warranty extends to the application under normal use, and does not apply to any of the following: submersion, deliberate abuse, broken drive-gears, that are broken or tampered with during installation, or involved in attempted improper installations. Any tampering or dismantling, grinding, drilling, removing or addition of parts, or any action that alters the original design of the unit, will immediately render this warranty null and void.



PROTORQUE STARTER DRIVE FOR SEA-DOO, YAMAHA, KAWASAKI, POLARIS

Description	Part No.
Protorque Starter Drive	PD-001-G



KAWASAKI BATTERY SOLENOID POST

Our solenoid post allows placement of corroded post without replacing the expensive solenoid on all Kawasaki Jet Ski with small electrical box.

Description	Part No.
Solenoid Post (2 per set)	55-3350



KAWASAKI ELECTRICAL BOX REPAIR FITTING

One kit contains 5 each of the nylon fittings, o-rings and black caps. These fittings will work on all Kawasaki watercraft electrical boxes and trim units.

Description	Part No.
Electrical Box Repair Fittings (5 sets per pack)	55-3400

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WSM OEM REPLACEMENT COILS



YAMAHA LIGHTING COILS

Yamaha	OEM No.	Year	CC	Model	Part No.
Lighting Coil	6K8-81303-40-00	1989-1990	500	Wave Jammer	004-152
	6E7-81303-40-00	1989-1993	500	Wave Runner	
Lighting Coil	6M6-85533-00-00	1990-1993	650	SuperJet	004-156
		1991-1995	650	VXR	
		1990-1995	650	Wave Runner III	
		1991-1993	650	Wave Runner LX	
		1991-1995	700	FX1	
		1995	700	SuperJet	
		1993-1994	700	VXR Pro	
		1993-1995	700	Wave Blaster	
		1994-1995	700	Wave Runner III	
Lighting Coil	62T-85533-00-00	1996	650	Wave Runner III	004-147
		1996-2009	700	SuperJet	
		1996	700	Wave Blaster	
		1994-1997	700	Wave Raider	
		1997	700	Wave Runner III	
		1995-1998	700	Wave Venture	
		1999-2004	700	XL	
		1999-2000	760	GP	
		1996-1997	760	Wave Blaster	
		1996	760	Wave Raider	
		1997-1998	760	Wave Runner	
		1997	760	Wave Venture	
		1998-1999	760	XL	

YAMAHA CHARGE COILS

Yamaha	OEM No.	Year	CC	Model	Part No.
Charge Coil	6M6-85520-00-00	1990-1993	650	SuperJet	004-155
		1991-1995	650	VXR	
		1990-1995	650	Wave Runner III	
		1991-1993	650	Wave Runner LX	
		1994-1995	700	FX1	
		1995	700	SuperJet	
		1993-1994	700	VXR Pro	
		1993-1995	700	Wave Blaster	
		1994-1995	700	Wave Runner III	
Charge Coil	62T-85520-00-00	1996	650	Wave Runner III	004-148
Charge Coil	62T-85520-01-00	1996-2009	700	SuperJet	
		1996	700	Wave Blaster	
		1994-1997	700	Wave Raider	
		1997	700	Wave Runner III	
		1995-1998	700	Wave Venture	
		1999-2004	700	XL	
Charge Coil	64X-85520-00-00	1999	760	GP	004-146
		1996-1997	760	Wave Blaster	
		1996	760	Wave Raider	
		1997-1998	760	Wave Runner	
		1997	760	Wave Venture	
		1998-1999	760	XL	

YAMAHA PULSER COILS

Yamaha	OEM No.	Year	CC	Model	Part No.
Pulser Coil	6M6-85580-00-00	1990-1993	650	SuperJet	004-153
		1991-1995	650	VXR	
		1990-1996	650	Wave Runner III	
		1991-1993	650	Wave Runner LX	
		1994-1995	700	FX1	
		1995-1999	700	Super Jet	
		1993-1994	700	VXR Pro	
		1993-1996	700	Wave Blaster	
		1994-1997	700	Wave Raider	
		1994-1997	700	Wave Runner III	
		1995-1998	700	Wave Venture	
		1999	700	XL	
Pulser Coil	64X-85580-00-00	1999	760	GP	004-145
		1996-1997	760	Wave Blaster	
		1996	760	Wave Raider	
		1997-1998	760	Wave Runner	
		1997	760	Wave Venture	
		1998-1999	760	XL	

YAMAHA STATOR PLATES

Yamaha	OEM No.	Year	CC	Model	Part No.
Stator Plate	6R7-85560-00-00	1990-1995	650	SuperJet	004-242
Assembly	6R8-85560-00-00	1991-1995	650	VXR	
(smaller Coils)		1990-1995	650	Wave Runner III	
		1994-1995	700	FX1	
		1993-1994	700	VXR Pro	
		1993-1995	700	Wave Blaster	
		1994-1995	700	Wave Runner III	
Stator Plate	62T-85560-00-00	1996	650	Wave Runner III	004-240
Assembly	6R7-85560-10-00	1996-2009	700	SuperJet	
(bigger Coils)	6R8-85560-10-00	1996	700	Wave Blaster	
		1994-1997	700	Wave Raider	
		1997	700	Wave Runner III	
		1995-1998	700	Wave Venture	
		1999-2003	700	XL	

YAMAHA ARMATURE COIL

Yamaha	OEM No.	Year	CC	Model	Part No.
Armature Coil	65U-85510-00-00	1997-1999	1200	GP	004-241
		1999	1200	SUV	
		1998	1200	XL	





KAWASAKI CHARGE COILS

Kawasaki	OEM No.	Year	CC	Model	Part No.
Charge Coil	59031-3002	1983-1992	440	JS	004-161
		1982-1989	550	JS	
		1990-1995	550	SX	
Charge Coil	21003-3719	1991-1995	650	SC	004-165
	21003-3712	1989-1990	650	TS	

KAWASAKI EXCITER COILS

Kawasaki	OEM No.	Year	CC	Model	Part No.
Exciter Coil	21049-3006	1979-1982	440	JS	004-159
Exciter Coil	21049-3007	1983-1992	440	JS	004-162
		1982-1989	550	JS	
		1990-1995	550	SX	
Exciter Coil	21003-3719	1991-1995	650	SC	004-166
	21003-3712	1989-1990	650	TS	

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WSM OEM REPLACEMENT COILS



KAWASAKI PULSER COILS

Kawasaki	OEM No.	Year	CC	Model	Part No.
Pulser Coil	59026-3008	1983-1992	440	JS	**004-163**
		1982-1989	550	JS	
		1990-1995	550	SX	

KAWASAKI ARMATURE COIL

Kawasaki	OEM No.	Year	CC	Model	Part No.
Armature Coil	21003-3744	2000-2003	1100	STX D.I	**004-205**
	21003-3741	2001-2004	1100	ULTRA 130	



SEA-DOO CHARGE COILS

Sea-Doo	OEM No.	Year	CC	Model	Part No.
Charge Coil	290-866-635	1990-1991	580	GT	**004-170**
	410-912-000	1989-1991	580	SP	
		1991-1994	580	XP	
		1994	580	XPI	
Charge Coil	290-965-400	1992-1995	580	GTS	**004-171**
	410-915-200	1992-1993	580	GTX	
		1992-1996	580	SP	
		1993-1996	580	SPI	
		1993	580	SPX	
		1992	580	XP	
		1995	650	GTX	
		1994-1995	650	SPX	
		1997-2001	720	G	
		1997	720	GSI	
		1996-2005	720	GTI	
		2002-2004	720	GTI LE	
		1996-2001	720	GTS	
		1995-1997	720	HX	
		1997	720	SP	
		1996-1997	720	SPX	
		1995	720	XP	



SEA-DOO STATOR ASSEMBLY

Sea-Doo	OEM No.	Year	CC	Model	Part No.
Stator Assembly	290-886-726	1995-1997	580	GTS	**004-202**
	420-886-725	1995	580	SPI	
		1995	650	GTX	
		1995	650	SP	
		1995	650	SPX	
		1995	650	XP	
		1997	720	GS	
		1997	720	GSI	
		1996-2005	720	GTI	
		1995-1997	720	HX	
		1996-1997	720	SP	
		1996	720	SPI	
		1996-1997	720	SPX	



IGNITION COILS
OEM Replacement

Sea-Doo	OEM No.	Year	CC	Model	Part No.
Ignition Coil	290-866-607	1989-1990	580	SP	**004-175**
Ignition Coil	278-000-202	1992-1996	580	GTS	**004-178**
Ignition Coil	278-000-586	1992-1993	580	GTX	**004-178**
		1992-1996	580	SP	
		1993-1996	580	SPI	
		1992	580	XP	
		1994-1995	650	GTX 3	
		1993-1995	650	SPX	
		1994-1995	650	XP	
		1994	650	XPI	
		1996-1997	720	GTI	
		1997-2000	720	GTS	
		1995-1997	720	HX	
		1997	720	SP	
		1996-1997	720	SPX	
Ignition Coil	278-000-383	2001-2005	720	GTI	**004-176**
		2002-2004	720	GTI LE	
		2001	720	GTS	
		1997	720	SP	
		1996-1997	800	GSX	
		1996-1997	800	GTX	
		1997-1999	800	SPX	
		1995-1996	800	XP	
		1998	951	GTXLTD	

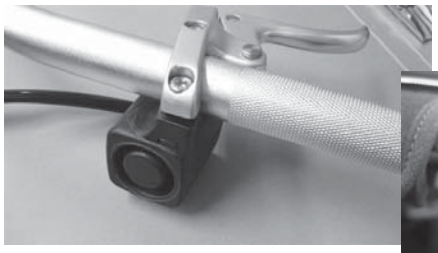
Yamaha	OEM No.	Year	CC	Model	Part No.
Ignition Coil	6K8-85570-10-00	1989-1990	500	Wave Jammer	**004-150**
Ignition Coil	6K8-85570-19-00	1989-1993	500	Wave Runner	**004-150**
Ignition Coil	6M6-85570-00-00	1991	650	Super Jet	**004-157**
Ignition Coil	6R8-85570-00-00	1990-1993	650	Wave Runner III	**004-157**
Ignition Coil	62E-85570-00-00	1991	650	Wave Runner LX	**004-157**
Ignition Coil	62E-85570-10-00	1999-2009	700	Super Jet	**004-157**
Ignition Coil	62E-85570-11-00	1993-1996	700	Wave Blaster	**004-157**
		1994-1995	700	Wave Raider	
		1994-1997	700	Wave Raider	
		1994	700	Wave Runner III	
		1995-1996	700	Wave Venture	
Ignition Coil	64X-85570-00-00	1999-2000	760	GP	**004-196**
Ignition Coil	64X-85570-01-00	1996-1997	760	Wave Raider	**004-196**
		1997-1999	760	Wave Runner XL	
		1996-1997	760	Wave Venture	
		1998-2005	800	GP	
		2004	800	Wave Runner XA	
		2000-2001	800	Wave Runner XL	
		2002-2003	800	Wave Runner XLT	
Ignition Coil	63M-85570-00-00	1995-1996	1100	Wave Raider	**004-193**
		1996-1997	1100	Wave Venture	

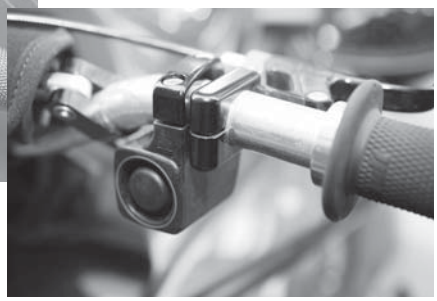
Kawasaki	OEM No.	Year	CC	Model	Part No.
Ignition coil/CDI Box	21119-3703	1987-1991	650	SX	**004-208**
	21119-3711				
Ignition Coil	21121-3702	1992-1995	750	SX	**004-180**
Ignition Coil	21121-3705	1995-2002	750	SXI	**004-180**
Ignition Coil	21121-3712				**004-180**
Ignition Coil	21121-3708	2001-2002	900	STS	**004-192-15**
Cyl. #1 *(15" Long Wire)*		1997-2006	900	STX	
		1995-1997	900	ZXI	
		1997-1999	1100	STX	
		1996-2003	1100	ZXI	
Ignition coil	21121-3709	2001-2002	900	STS	**004-192-21**
Cyl. #2 *(21" Long Wire)*		1997-2006	900	STX	
		1995-1997	900	ZXI	
		1997-1999	1100	STX	
		1996-2003	1100	ZXI	
Ignition coil	21121-3710	2001-2002	900	STS	**004-192-26**
Cyl. #3 *(26" Long Wire)*		1997-2006	900	STX	
		1995-1997	900	ZXI	
		1997-1999	1100	STX	
		1996-2003	1100	ZXI	

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NO MORE SEARCHING REQUIRED!
HOT PRODUCTS HAS THE SWITCH FOR YOUR APPLICATION

Hot Products PWC Waterproof Switches Imported Exclusively from





JP7043/JP7044 can be installed with Hot Products Throttle Lever 58-0970 & 58-0971 as pictured above.



JP7043



JP7044

UNIVERSAL HANDLEBAR MOUNT SWITCHES

Mounts to handlebar or mounts to underside of most aftermarket throttle levers. Complete with 9" wire lead.

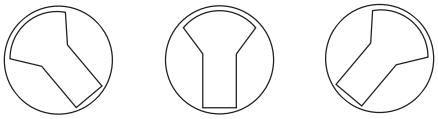
Description	Part No.
Handlebar Mount Switch 12Volt/6Amp push on/off switch	JP7043

Description	Part No.
Handlebar Mount Switch 12Volt/5Amp 3 position rotary switch	JP7044



3-POSITION PANEL MOUNT ROTARY SWITCH

Connects to two electronic accessories for power control. Allows the operation of one device or accessory to run at a time. Suggested uses: Second Bilge, Ignition, etc. 12Volt/5Amp.



Left Hand On Position
Use: Blue & Red Wires

Center Off Position

Right Hand On Position
Use: White & Red Wires

Description	Part No.
Panel Mount Switch	57-3020



CORROSION BLOCK MULTI-PURPOSE GREASE

Liquid grease is ideal for use in electrical applications requiring grease.

Description	Part No.
Corrosion Block Liquid 1oz. Bottle	CB-20001

EPOXY LINED ON THE INSIDE OF THE TUBING



EPOXY LINED HEAT SHRINK TUBING

High performance epoxy lined 1/2" id heat shrink. Just splice your wires, heat until the epoxy liquifies and your worries of possible water damage/corrosion are over! Heat shrink tubing color is Black.

Description	Part No.
Epoxy Lined Heat Shrink Tubing (4' length, 1/2" ID)	55-2032

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WATERPROOF SWITCHES AND BRACKETS

• Features waterproof on/off switch that is available with machined aluminum clamp-on or switch mounted bracket. Allows totally reliable and easy control of bilge pump operation.
• Mounting bracket is machined from billet alloy and is anodized black to prevent corrosion. Available for clamp-on bar mounting or bolts to the bottom of the OEM on/off switch assembly.
• All of the switches have a 9 ft. high grade wire lead.



Yamaha	Part No.
All	57-3017

UNIVERSAL



Description	Part No.
Universal Handle Bar Mount	57-3006



Kawasaki	Part No.
All 650's / 750SS-95 / XI-93	57-3015



Kawasaki	Part No.
440 / 550 / 750SX / 750SXI / 800SX-R	57-3003



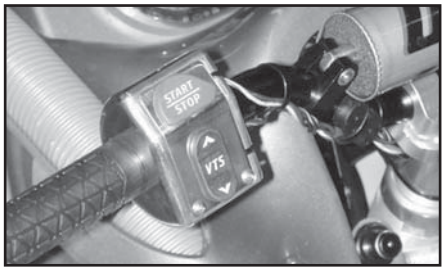
Description	Part No.
Standard Switch with 9 feet of wire (No bracket included)	57-3009



CPI WATERPROOF SWITCH ONLY

This replacement safety switch fits Sea-Doo's and other manufacturers.

Description	Part No.
Replacement Safety Switch (Sea-Doo & other manufacturers)	57-3011





UMI RXP TRIM/SWITCH HOUSING

UMI's trim/switch housing is machined from 6061-T6 billet aluminum, replacing the stock plastic housing. Trim/switch housing uses the factory variable trim switch and start/stop switch. This housing must be used with the UMI GSX/RXP (P/#58-6321) steering system, aftermarket bars and finger throttle.

Description	Part No.
UMI RXP Trim/Switch Housing	SD-01600-CLR



BILLET 3 SWITCH HOLDER

For Aftermarket Handlebar

Description	Color	Part No.
Sea-Doo	Polished	58-2004



BILLET STOP SWITCH HOLDER

For Aftermarket Handlebar

Description	Part No.
SD GTX. 4-Tec, RXP, RXT (One hole type)	58-2003

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NGK SPARK PLUGS



STANDARD PLUGS*
B7ES
B7HS
B8ES
B8HS
B9ES
Sold 10 per Box



(Terminal can be removed)

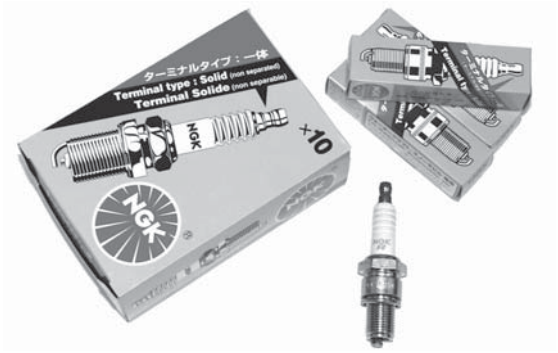
RESISTOR PLUGS*
BPR7ES
BR7ES
BR7HS
BPR8ES
BPR9ES
BR8ES
BR8HS
BR9ES
BR9HS
Sold 10 per Box

SOLID RESISTOR PLUGS**
BR8ES-SOLID
BR8HS-SOLID
BR9ES-SOLID
BR8ES-11
(For Yam GPR)
CR9EB
Sold 10 per Box



***Solid Terminal (Non separable)*

Find the NGK Spark Plug for your application using the NGK Spark Plug Finder



NGK SPECIAL SPARK PLUGS FOR FOUR STROKE ENGINES

Description	Part No.
K1100 STX-DI, Ultra 130 DI *(4 per Box)*	PZFR7G-G
Sea-Doo GTX-4tec RXP/RXT/RXP-X/RXT-X *(10 per Box)*	DCPR-8E
Sea-Doo GTX-DI, LRV-DI, RX-DI *(4 per Box)*	ZFR4F-11
Yamaha FX 140/160, VX110 *(10 per Box)*	CR9EB
Kawasaki STX 12F/15F *(10 per Box)*	CR9EK
Kawasaki Ultra 250/260/300 *(4 per Box)*	PMR9B
Polaris M140, Genesis *(4 per Box)*	PZFR6H
Hydrospace S4 *(4 per Box)*	BKR7EIX-11
Honda 4 Stroke *(4 per Box)*	IMR9D-9H
FX SHO, FZR, FZS *(10 per Box)*	LFR6A
Ultra 150 A-1	R6918C-9
Ultra 150 A-2-3 *(10 per Box)*	BR9ES



NGK IRIDIUM IX SPARK PLUGS

Iridium is significantly stronger than any metal used in spark plugs today. The ignitability and durability is better than platinum. Sold 4 per box.

IRIDIUM IX PLUGS
BR8EIX
BR9EIX
BR8HIX
CR9EIX
BKR7EIX-11
BPR8EIX
BPR9EIX
DCPR8EIX

All NGK Iridium Spark Plugs are 4 per package.
Iridium plugs are gapped at NGK, if you try to gap the plugs you will damage the center electrode.



NIPPON DENSO IRIDIUM SPARK PLUGS

Description	Part No.
Sea-Doo GTX-4tec, RXP/RXT/RXP-X/RXT-X	IXU24
Sea-Doo GTX-DI, LRV-DI, RX-DI	IK-16
Kawasaki Ultra 250/260/300	IU27
Kawasaki STX-12F/15F	IU27A
Yamaha FX-SHO, FZR, FZS	IKH-20

All Nippon Denso Iridium Spark Plugs are 4 per package.
Iridium plugs are gapped at Nippon Denso, if you try to gap the plugs you will damage the center electrode.



SPARK PLUG HOLDERS

Spark Plug Holder protects the electrode while maintaining the plug gap.

Description	Part No.
2 per Blister Pack	SPH-2
40 per Countertop Display	SPH-40

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NGK RESISTOR COVER

Waterproof spark plug resistor covers for use with resistor spark plugs.

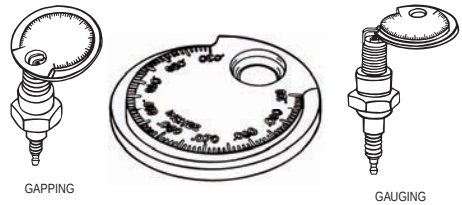
Description	Part No.
(5K OHM) 90 "T" 14mm plugs with terminal nut	TB05EM



NGK RACING CABLE

High performance red silicon outer shell for maximum heat resistance and durability. Ceramic resistor (5ohm) enhances protection against RFI.

Description	Part No.
90° Resistor cover 100cm, solid	CR6



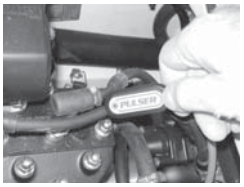
STANDARD/HIGH ENERGY SPARK PLUG GAUGE & GAPPER

Gauge and gap all types of spark plugs from .020" to .110 (.50mm to 2.53mm).

Description	Part No.
Spark Plug Gauge and Gapper	LS67870



OPPAMA IGNITION INDICATOR PULSER



The Oppama Ignition Indicator is the fastest and easiest method to verify each cylinder is reaching spark. Simply hold the Oppama tool next to the ignition spark plug wire with the engine running, and the Blue LED lights up when the spark pulse is sent through the wire.

Description	Part No.
Oppama Ignition Indicator Pulser	OPET-4100



OPPAMA

OPPAMA PET-2100DX TACHOMETER

This measures engine rpm, maximum rpm, total cumulative operating time, resettable cumulative operating time. This has a dual display system for either current rpm alone or current & maximum rpm, and also has two maximum rpm memories for comparison.

For 2 stroke engines 1 to 4 cylinder applications.

For 4 stroke engines 1 to 6 and 8 cylinder applications.

*This unit is not compatible with diesel engine and direct ignition applications.

Made in Japan.

Description	Part No.
PET-2100DX Tachometer	PET-2100DX



TINY DIGITAL TACHOMETER & HOURMETER

Tachometer and resettable Hourmeter powered by internal battery. Sealed for moisture resistance.

For 2 stroke engines 2 or 3 cylinder applications.

Description	Part No.
Standard Digital Tiny-Tach (2 & 3-Cylinder)*	59-0552

*Resettable hourmeter



COMMERCIAL TINY DIGITAL TACHOMETER & HOURMETER

Features all the same features as the Tiny Tach Part# 59-0552 (see above).

Additional features included on this model:

- High RPM Recall
- Two Service Timers
- Can be programmed for different engine applications

Description	Part No.
Commercial Digital Tiny-Tach	59-0558



HARDLINE PRODUCTS HOURMETER & TACHOMETER

Has same features as hour meter plus tachometer feature. Works on any gas engine up to 2 cylinders and 9000 RPM.

- Firing pattern 1 spark = 1 RPM
- Resolution 10 RPMs
- Maximum RPMs 9000
- Suitable for all single and twin, two or four cycle gasoline engines operating within specified tachometer firing pattern.

Description	Part No.
Hour/Tach Meter	HR-8061

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Atlantis®

ATLANTIS FLUSH KITS



Sea-Doo	Part No.
89-92 Fits All	**A7000**



Sea-Doo	Part No.
92-98 Fits All with Factory T Fitting	**A7001**

Quick Snap Type



Sea-Doo	Part No.
96-2010 Rear Drain Factory Pipe Model & Reverse Gear. 95-97 Single Engine Jet Boats.	**A7004**

Economy Type



Sea-Doo	Part No.
96-2010 All with Rear Factory Drain and Reverse Gear	**A7006**

Quick Snap Type



Sea-Doo	Part No.
96-2010 Quick Snap Fits All with Rear Factory Drain Pipe and No Reverse Gear	**A7003**



Sea-Doo	Part No.
96-97 All Dual Jet Boats	**A7005**



Kawasaki	Part No.
89-91 Jet Ski, Ultra 150	**A2520**



Kawasaki	Part No.
92-06 Jet Ski Except ZXI/STX/Ultra 150	**A2521**



Kawasaki	Part No.
78-88 400/440/550 Adapter Only for Replacement	**A2058**



Kawasaki	Part No.
95-04 ZXI, STX, Ultra 130	**A2522**



Kawasaki	Part No.
2011-13 Ultra 300 X, LX. One Plug for Drain Flush another for Intercooler.	**A7005**



Kawasaki	Part No.
03-10 4-Stroke The Ultra LX & the STX-15F flush fitting is located inside of the hood. A2628 Flush Kit provides a locking quick disconnect valve which can be installed and left on for continued use with the female locking quick disconnect fitting.	**A2628**



Yamaha	Part No.
95-10 Factory Replacement GP760/1100/1200, Jet Boat & 4 Stroke (FX,VX,FZ)	**A8582**



Yamaha	Part No.
87-98 Long Yamaha All Non-Factory Installed Flush Kits (Except 760/800/1200)	**A8588**



Yamaha	Part No.
87-98 Long Yamaha All Non-Factory Installed Flush Kits (Except 760/800/1200) Quick Snap Type	**A8589**

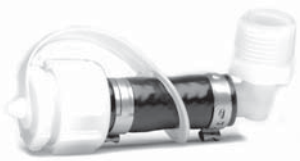


Yamaha	Part No.
Wave Raider	**A8584**

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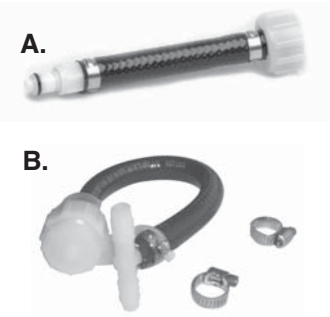
Polaris	Part No.
90-04 (Except Direct Injection)	A6000



Polaris	Part No.
01-04 Direct Injection	A6001



Honda	Part No.
08-10 F-15X/15 GPScape	A5201



Universal	Part No.
A. Male Quick Snap Adapter Only for Replacement	A2690
B. Universal 3/8"	A2505



ATLANTIS BACK FLUSH KIT

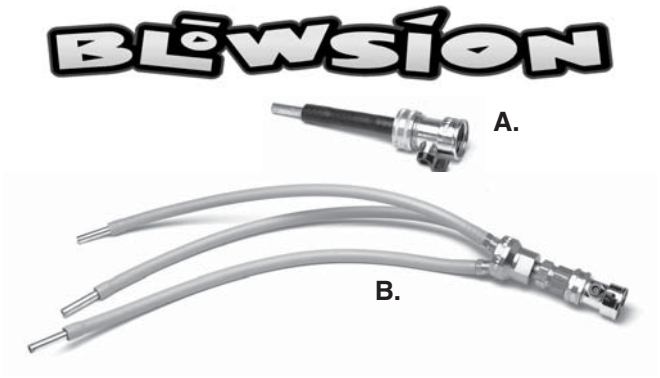
This product is in popular demand for those who typically run their watercraft in shallow surf and sediment rich waters. Back flushing pushes the sand down and out through the pump utilizing the flow of water and gravity.

Description	Part No.
Single Back Flush Kit	A2691
Dual Back Flush Kit	A2692



SALT AWAY ENGINE FLUSH MIXER

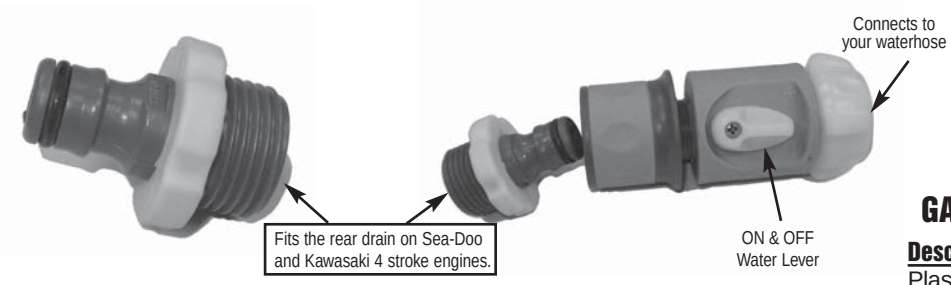
Description	Part No.
Salt Away Mixer Only	SX-M



BLOWSION ENGINE FLUSH KITS

A must for salt water riders! All metal construction - easy to use - just push into aftermarket water bypass. No tools, clamps or extra hoses necessary. Back flushes entire cooling system instead of forcing salt and sand into cooling jackets. Simple and effective.

Description	Part No.
A. Blowsion Single Flush Kit	06-04-001
B. Blowsion Triple Flush Kit	06-04-002



FLUSH KIT ADAPTER

Flush Kit Adapter for adapting overseas special size hose to connect flush kit. This adapter is a direct to fit to the rear drain line on Sea-Doo and Kawasaki 4 stroke watercraft.

Description	Part No.
Flush Kit Adapter	SC-2905

SNAP CONNECT AND FLOW CONTROL

This flush kit includes adapter SC-2905 listed to the left and also includes a quick disconnect that features a on/off water valve to make flushing the watercraft a simple and easy process.
*The adapter is a direct to fit to the rear drain line on Sea-Doo and Kawasaki 4 stroke watercraft.



GARDEN HOSE ADAPTER & CAP

Description	Part No.
Plastic Garden Hose Adpt Cap	64-0029

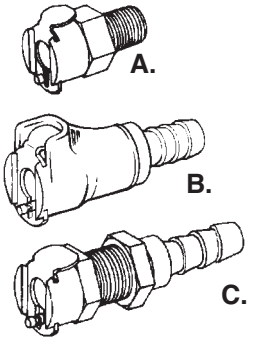


Description	Part No.
Brass Garden Hose Adapter with 3/8 Hose Barb	64-0012

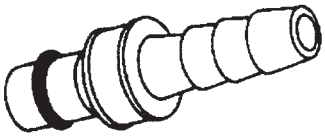
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QUICK CONNECT

The ultimate in waterline connections, the fittings are fool proof. These fittings are safe for high temperatures and high pressure.



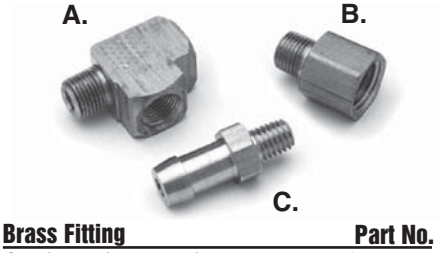
Description	Part No.
Female Fitting	
A. 1/4" Pipe Thread	**64-0100**
B. 3/8" In Line	**64-0103**
C. 3/8" Panel Mount	**64-0106**



Description	Part No.
Male (Barbed) Fitting	
3/8" With shut off	**64-0107**
3/8" Without shut off	**64-0109**

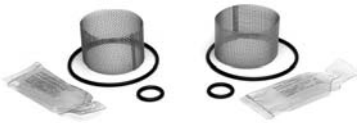


Description	Part No.
A. 1/2" Female in line	**64-0117**
B. 1/2" Male in line	**64-0115**



Brass Fitting	Part No.
A. 1/8" Male NPT Pipe Threaded Junction	**64-0011**
B. 1/8"Male NPT to 1/4" Female NPT Adapter	**64-0013**
C. 9mm Yamaha Flush Adapter	**64-0004**





WATER STRAINER

The **Water Strainer** is a must to trap all sand, shell, and vegetation particles.
No more clogged water lines!!
Height=2" (51mm)
Footprint= 2-1/2" (64mm) - Round

Description	Part No.
3/4" Water Line Strainer for Sea-Doo 4-Stroke	**56-9004**
1/2" Water Line Strainer	**56-9005**
3/8" Water Line Strainer	**56-9006**
#20 Mesh Replacement	**20420020**
#40 Mesh Replacement	**20420040**

(#40 Mesh is finer than #20 Mesh)



JET WORKS QUICK DISCONNECT WATER RESTRICTOR

QD-38 comes with 4/3/2mm restrictor inserts used for controlling water flow through exit passes, stinger, head pipes, etc. QD-14 is for use with Mikuni Jets (not included), and allows quick change in small increments of water flow.

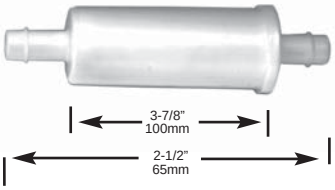
Description	Part No.
A. Quick Disconnect Wtr Restrictor 1/4"	**QD-14**
B. Quick Disconnect Wtr Restrictor 3/8"	**QD-38**



JET WORKS ADJUSTABLE WATER RESTRICTOR

Allows user to adjust flow on any 3/8" ID waterline. A great product for fine tuning engine/exhaust temperature for maximum power.

Description	Part No.
Adjustable Water Restrictor	**JWR-01**



FACTORY PIPE CHAMBER WATERLINE FILTER

Description	Part No.
Waterline Inline Filter	**COMFTG0036**



RIVA RACING ALUMINUM THRU HULL CONNECTORS

RIVA Racing's aluminum thru hull fittings are anodized to prevent corrosion. Available in 3/8" and 1/2" waterline applications.

Description	Part No.
F. 3/8" Thru Hull Connector	**RY1013-TH-3/8**
G.1/2" Thru Hull Connector	**RY1013-TH-1/2**



GP1300R 1/2" X 1/2" BULKHEAD FITTINGS

The R&D Billet Aluminum Fitting allows for easy installation for extra cooling lines through the bulk head.

Description	Part No.
1/2" x 1/2" Bulkhead Fittings	**660-00012**

NEW



JETWORKS RESTRICTOR

Includes 3 different sizes of restrictor inserts which allow you to adjust water flow.

Description	Part No.
Jetworks Restrictor	**JW-WRK**

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HOT PRODUCTS 90 DEGREE BYPASS FITTING

Hose	Color	Part No.
3/8" ID	Silver	**56-2010**
3/8" ID	Black	**56-2012**
3/8" ID	Blue	**56-2014**
3/8" ID	Red	**56-2016**

Hose	Color	Part No.
1/2" ID	Silver	**56-3010**
1/2" ID	Black	**56-3012**
1/2" ID	Blue	**56-3014**
1/2" ID	Red	**56-3016**

ID = Inner Diameter



HOT PRODUCTS 45 DEGREE BYPASS FITTING

Hose	Color	Part No.
3/8" ID	Silver	**56-2020**
3/8" ID	Black	**56-2022**
3/8" ID	Blue	**56-2024**
3/8" ID	Red	**56-2026**

Hose	Color	Part No.
1/2" ID	Silver	**56-3020**
1/2" ID	Black	**56-3022**
1/2" ID	Blue	**56-3024**
1/2" ID	Red	**56-3026**

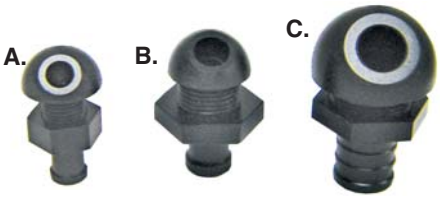
ID = Inner Diameter



STAINLESS STEEL HOSE CLAMPS

Hose clamps are sold individually. Discounted pricing available when 10 or more per size.

Description	Part No.
#5 Clamps (for 3/8" waterline)	**WF62M05**
#6 Clamps (for 1/2" waterline)	**WF62606**



RRP WATER FITTINGS

These specially developed RRP Water Fittings are manufactured from Black Delron. The fittings are the lightest available, and being made of Delron they will not fuse together like other aluminum fittings available.

Description	Part No.
A. 45° Bypass Fitting 3/8"	**PL-3/8-OUT**
B. 45° Bypass Fitting 1/2"	**PL-1/2-OUT**
C. 45° Bilge Fitting 3/4"	**PL-45-BILGE**

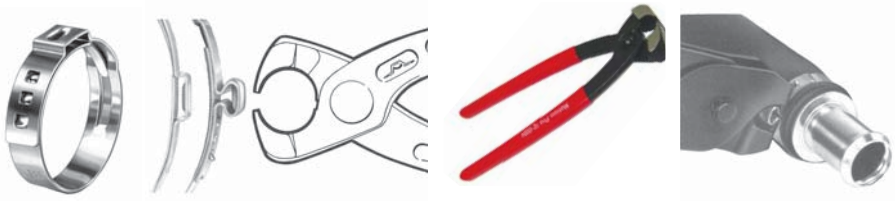


WATER LINE HOSE

Flex-Tech multi purpose hose is more flexible and bendable for those complicated water routing requirements. This waterline is highly recommended for Factory Dry Pipe installations. Waterline is sold per foot.

Description	Part No.
3/8" ID 300psi WP	**56-8010**

Fast, Easy, Strong and Secure Installation



SQUEEZE ON STAINLESS STEEL LOW PROFILE CLAMPS

Oetiker Stepless Ear Clamps, due to the reinforcing 'dimple' in the ear, hold against pressure and vibration or hose shrinkage due to temperature changes. A built-in spring action permits the clamp to "breathe" without loosening, the need to retighten is eliminated. Once installed, any tampering is easily visible, making this an excellent clamp for service or security applications.

Description	Clamp Size	Part No.
Pincer Tool	--	**12-0024**
Clamp for 1/4" Hose (10 pcs/pk)	--	**59-4014**
Clamp for 1/4" Fuel Injection Hose (10 pcs/pk)	9/16	**59-4016**
Clamp for 3/8" Water Line (10 pcs/pk)	11/16	**59-4017**
Clamp for 1/2" Water Line (10 pcs/pk)	13/16	**59-4018**

100 Clamp Packs	Clamp Size	Part No.
Clamp for 1/4" Fuel Line Hose (100 pcs/pk)	--	**59-4014-100**
Clamp for 1/4" Fuel Injection Hose (100 pcs/pk)	9/16	**59-4016-100**
Clamp for 3/8" Water Line (100 pcs/pk)	11/16	**59-4017-100**
Clamp for 1/2" Water Line (100 pcs/pk)	13/16	**59-4018-100**



WATER LINE HOSE

Description	Part No.
3/8" ID Blue 300psi WP (Eaton Synflex)	**56-8000**
1/2" ID Blue 250psi WP (Goodyear Pliovic Plus)	**56-8004**
3/8" Clear Vinyl	**56-8007**
3/8" ID Blue (Venair Technosil) Silicone Tubing (Sold in 25' lengths)	NEW **56-8012-25**

500 foot reel 3/8" blue hose available and 400 foot reel 1/2" blue hose available

Call for special pricing on reel purchases.

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RULE BILGE PUMP



A. 500 GPH



B. 800 GPH

Description	Hose	Height	Part No.
A. 500 GPH	3/4”	3-1/2” (89mm)	**25D**
B. 800 GPH	3/4”	3-3/4” (96mm)	**20R**



Description	Hose	Height	Part No.
1100 GPH	1-1/8”	4-1/4” (108mm)	**27D**



PWC AUTOMATIC 500 GPH PUMP

Automatically removes water from engine compartment. Cycles every 20 seconds to check for water. Equipped with gasoline resistant strainer base and 72” wire leads.

Description	Height	Part No.
500 GPH	4”(102mm)	**25S-6WC**

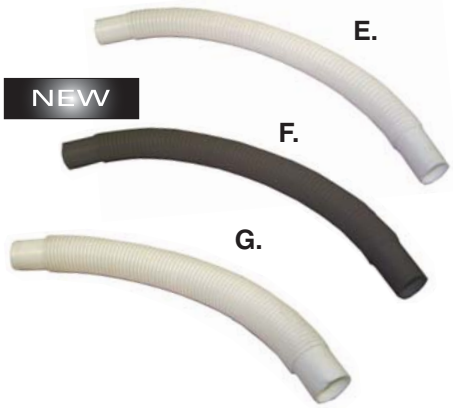


C.

D.

RULE STRAINER BASE & S/S DEBRIS STRAINER

Description	Part No.
C. Blue Plastic Strainer Base	**RULE275**
C. Gas Resistant Strainer Base	**RULE276**
D. Stainless Steel Debris Strainer	**RULE70**



PLASTIC BILGE HOSE

Description	Length	Part No.
E. 3/4” Hose	12”	**57-4008**
F. 3/4 Hose	12”	**57-4008-BLK**
G 1-1/8” Hose	12”	**57-4009**



ATTWOOD SAHARA AUTOMATIC BILGE PUMP

ALL-IN-ONE-PUMP

- Fast, Easy Installation
- High-Efficiency Motor
- Dependable Internal Float Switch (contains no mercury)

Description	Hose	Height	Part No.
500 GPH	3/4”	4” (102mm)	**4505-7**
750 GPH	3/4”	4” (102mm)	**4507-7**
1100 GPH	1-1/8”	4” (102mm)	**4511-7**



G.



H.



K.



L.



I.



J.



M.



N.

STRAIGHT BILGE FITTING

Aluminum through hull outlet fittings.

Bilge Fitting	Color	Part No.
G. 3/4” Straight	Silver	**57-4012**
H. 3/4” Straight	Black	**57-4015**
I. 3/4” Straight	Blue	**57-4016**
J. 3/4” Straight	Red	**57-4017**

Bilge Fitting	Color	Part No.
K. 1 1/8” Straight	Silver	**57-4018**
L. 1 1/8” Straight	Black	**57-4020**
M. 1 1/8” Straight	Blue	**57-4027**
N. 1 1/8” Straight	Red	**57-4028**



O.



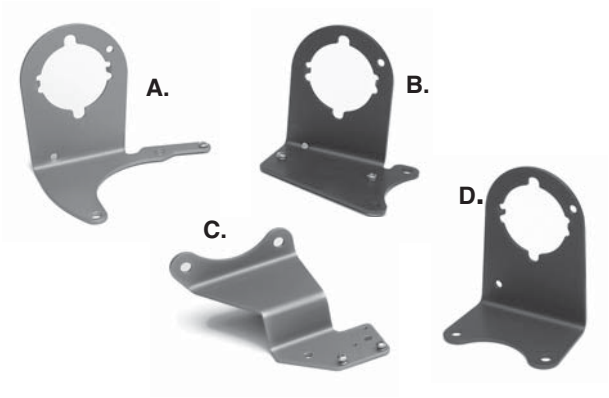
P.

45 DEGREE BILGE FITTING

Aluminum through hull outlet fittings.

Description	Color	Part No.
O. 3/4”	Silver	**57-4021**
P. 3/4”	Black	**57-4023**

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BILGE PUMP MOUNTING BRACKETS

Yamaha	Part No.
A. WaveBlaster/701 Super Jet 95+	**57-3029**

Kawasaki	Part No.
B. 440/550	**57-3023**
C. 650SX/X2, 550SX, 750SX, SXI	**57-3024**
D. 750SS/XI/ST/STS	**57-3025**



DUAL BILGE PUMP MOUNTING BRACKET

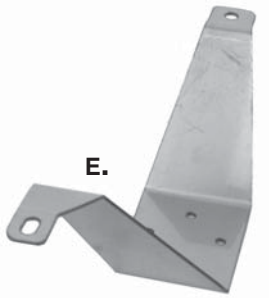
Description	Part No.
Kawasaki 800SX-R	**06-01-101**
Superjet 96+	**06-01-153**



SX-R 800 RULE BILGE PUMP MOUNTING BRACKET

The R&D Bilge Pump Mount Bracket bolts securely to the hull developing a secure surface to hold the Bilge pump in place.

Kawasaki	Part No.
800SX-R	**660-80000**



SE BILGE PUMP BRACKET

Polaris	Part No.
E. Polaris -98	**SE-044011**



BILGE ELECTRICAL PARTS KIT

Kit contains waterproof fuse holder, 6amp fuse, ring terminal shrink tubing.

Description	Part No.
Bilge Electrical Parts Kit	**57-3030**



JAPANESE OEM STYLE CONNECTOR

Description	Part No.
OEM Style Electric Connector Kit 5pcs/pk	**55-2035**
Dealer Kit 20pcs/pk	**55-2037**



ADHESIVE LINED HEAT SHRINK BUTT CONNECTORS

Best used where moisture and corrosion is a problem. After crimping these terminals to wire, heat is applied enabling the adhesive within each shrunk tube terminal to melt and flow evenly to seal the connection against the harshest environment.

Description	Wire Range	Part No.
10pcs/pk Pink	22-18 (0.3-0.8mm)	**55-2040**
100pcs/pk Pink	22-18 (0.3-0.8mm)	**55-2041**
10pcs/pk Blue	16-14 (1-2mm)	**55-2042**
100pcs/pk Blue	16-14 (1-2mm)	**55-2043**



MALE/FEMALE TERMINAL KIT

This kit includes 30 of both the male and female terminals and plastic sleeves/covers. The terminals are tin plated to prevent corrosion. The terminal kit is provided in a handy plastic case.

Description	Part No.
Male/Female Terminal Kit	**16-601**

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WATERPROOF SWITCHES AND BRACKETS

- Features waterproof on/off switch that is available with machined aluminum clamp-on or switch mounted bracket. Allows totally reliable and easy control of bilge pump operation.
- Mounting bracket is machined from billet alloy and is anodized black to prevent corrosion. Available for clamp-on bar mounting or bolts to the bottom of the OEM on/off switch assembly.
- All of the switches have a 9 ft. high grade wire lead.



Yamaha	Part No.
All	57-3017

UNIVERSAL



Description	Part No.
Universal Handle Bar Mount	57-3006



Kawasaki	Part No.
All 650's / 750SS-95 / XI-93	57-3015



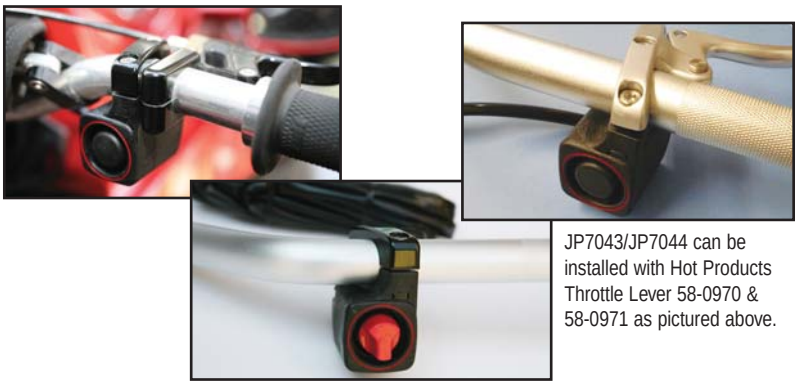
Kawasaki	Part No.
440 / 550 / 750SX 750SXI / 800SX-R	57-3003



Description	Part No.
Standard Switch with 9 feet of wire (No bracket included)	57-3009

Hot Products PWC Waterproof Switches Imported Exclusively from

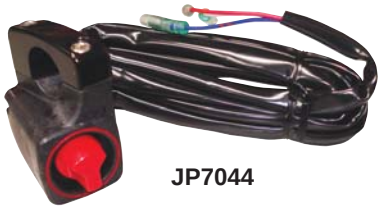
HOT PRODUCTS Japan



JP7043/JP7044 can be installed with Hot Products Throttle Lever 58-0970 & 58-0971 as pictured above.



JP7043



JP7044

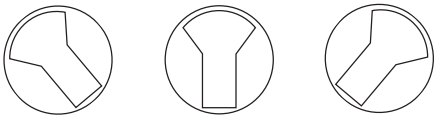


57-3020

HOT PRODUCTS EXCLUSIVE

3-POSITION PANEL MOUNT ROTARY SWITCHES

Connects to two electronic accessories for power control. Allows the operation of one device or accessory to run at a time. Suggested uses: Second Bilge, Ignition, etc. 12Volt/5Amp.



Left Hand On Position
Use: Blue & Red Wires

Center Off Position

Right Hand On Position
Use: White & Red Wires

UNIVERSAL HANDLEBAR MOUNT SWITCHES

Mounts to handlebar or mounts to underside of most aftermarket throttle levers. Complete with 9" wire lead.

Description	Part No.
Handlebar Mount Switch 12Volt/6Amp push on/off switch	JP7043

Description	Part No.
Handlebar Mount Switch 12Volt/5Amp 3 way rotary switch	JP7044

Description	Part No.
Panel Mount Switch	57-3020

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BLOWSION CAS BILLET ALUMINUM ONE WAY VALVE SCUPPER

The new CAS flow valve design prevents water getting in during tail stands, wave jumping, or all out buoy shredding. The new billet flange assembly is the premium design setup and allows use of the Blowsion billet exhaust outlet so vain riders can sanitize both sides of the rear of their watercraft. The aluminum, rubber, and injection molded construction of the Blowsion one-way valve assembly along w/ the recessed internal mounting results in a bulletproof set-up. **Fits all years Super Jet, Kawasaki 650, 750, 800 SXR and Polaris Octane.** Each pre-assembled kit includes explicitly detailed instructions, two Blowsion molded glue able urethane bulkhead and ski flanges for leak less sealing, recessed one-way flow valve, special flex tubing (allows for off center mounting unlike straight PVC tube scupper systems) mounting epoxy and stainless fasteners.

Description	Part No.
Blowsion CAS Aluminum One Way Valve Scupper	06-01-022



BLOWSION ONE WAY VALVE

Unlike scupper valves that mount on the exposed exterior of your ski, Blowsion one way valve kits install "into" the rear 1/4 of your PWC end caps. This keeps continual water pressure on the inside of the tube, keeping the valve shut when the ski is floating.

Description	Part No.
Pro Finish Kit	06-01-028



RICK ROY PRODUCTS SCUPPER VALVE

Description	Part No.
RRP Scupper Valve	RRP-SCU-V



BILGE SPONGE

This Viscose-Covered sponge will pick up and hold an amazing 32 ounces (512gm) of water without leaking. With grommet and hand cord.

Description	Part No.
Bilge Sponge	57-4070



DUCK BILL DRAIN ADAPTER PLUG

Unscrew stock drain plug and screw our duck bill drain plugs in place. Keep your stock plug if you ever need to change!

Description	Part No.
D. Kawasaki	Z471
E. Yamaha	Z472



BILLET QUICK DRAIN FOR KAWASAKI

Mounts to the transom of your Kawasaki 1200 STX-R or SX-R 800 watercraft with billet aluminum mounting plate.

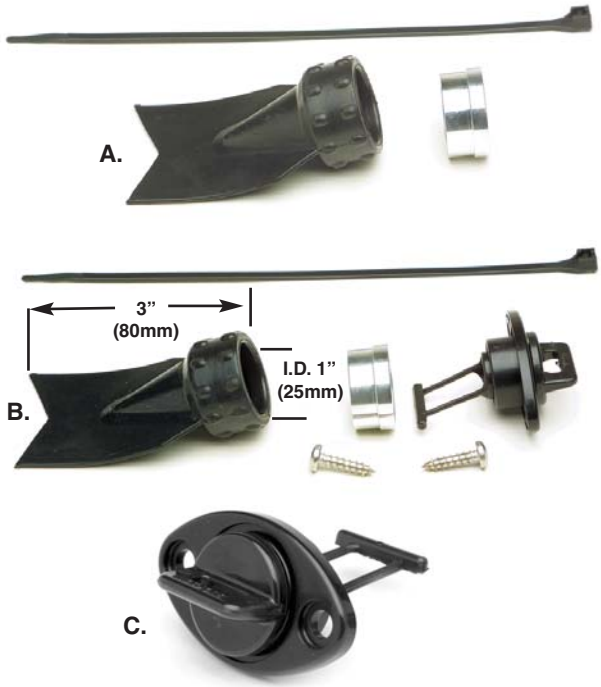
Kawasaki	Part No.
1200 STX-R, 800 SX-R	57-4065



UNIVERSAL BILLET QUICK DRAIN

Mounts to the transom of any watercraft with billet aluminum mounting plate.

Description	Part No.
Billet Quick Drain Kit	57-4059



DUCK BILL DRAIN SYSTEM

Simple and clean, drains water from hull under acceleration.
A. *Add to your current drain plug* or **B.** *Purchase entire system kit.*

Description	Part No.
A. All Sea-Doo (Except XP) All Sit down Yamaha / Kawasaki*	57-4050
B. Universal (Complete System)	57-4060
C. Drain Plug Only Sea-Doo (95 and newer), Polaris, and Honda Duck Bill Flapper only	A2265 57-4055

**Kawasaki models require slight modification*

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PWC DOCTOR.COM

"THE ORIGINAL"

VERSIPLUG

DRAIN SYSTEM

Versiplug (The original) fits Yamaha, Kawasaki, Sea-Doo, Honda, Polaris and Hydrospace.



Description	Color	Part No.
Versiplug - ***Yamaha***	Silver	**PD1200**
Versiplug - ***Yamaha***	Black	**PD1201**



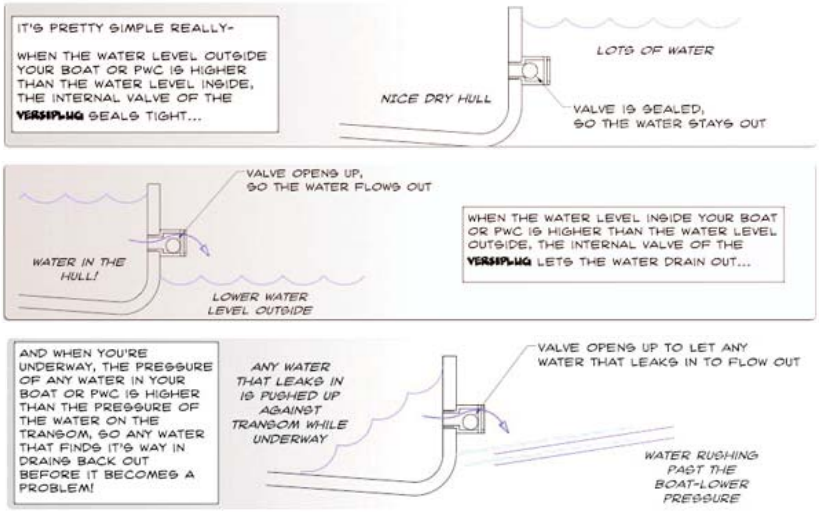
Description	Color	Part No.
Versiplug - ***Kawasaki***	Silver	**PD1300**
Versiplug - ***Kawasaki***	Black	**PD1301**



Description	Color	Part No.
Versiplug - ***Sea-Doo/Honda/Polaris***	Silver	**PD1400**
Versiplug - ***Sea-Doo/Honda/Polaris***	Black	**PD1401**



Description	Color	Part No.
Versiplug - ***Hydrospace***	Silver	**PD1150**
Versiplug - ***Hydrospace***	Black	**PD1151**

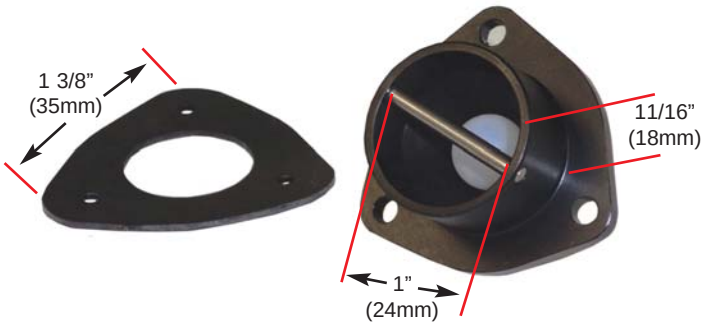


"THE ORIGINAL"

VERSIPLUG-R

DRAIN SYSTEM

Versiplug-R - Developed for the serious PWC enthusiast and racers. Higher flowing and lighter weight than the original Versiplug



Description	Part No.
Versiplug-R - Black	**PD1600**

"THE ORIGINAL"

VERSIPLUG-MAX!

DRAIN SYSTEM

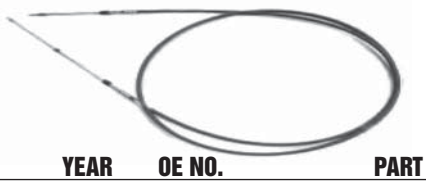
Versiplug Max - The rugged solution for leaky flap scuppers. Created for freestyle to create a reliable fix to scupper setups that had leaking issues when not moving.



Description	Color	Part No.
Versiplug Max	Black	**PD1701**

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WSM REPLACEMENT STEERING CABLES



SEA-DOO

MODEL	YEAR	OE NO.	PART NO.
580 GT	90-91	277-000-152	002-045
580 GTS	92	277-000-152	002-045
580 GTS	93	277-000-229	002-045
580 GTS	94	277-000-261	002-045-01
580 GTS	95-96	271-000-436	002-045-02
580 GTX	92	277-000-152	002-045
580 GTX	93	277-000-229	002-045
580 SP	92	277-000-151	002-045-06
580 SP	89-91	277-000-228	002-046
580 SP	94-96	277-000-289	002-048-01
580 SPI	93	277-000-228	002-046
580 SPI	94-96	277-000-289	002-048-01
580 SPX	93	277-000-228	002-046
580 XP	91	277-000-228	002-046
580 XP	92	277-000-151	002-045-06
650 GTX	94	277-000-261	002-045-01
650 GTX	95	271-000-436	002-045-02
650 SPX	94-95	277-000-289	002-048-01
650 XP	93	277-000-267	002-048-02
650 XP	94	277-000-289	002-048-01
650 XPI	94	277-000-289	002-048-01
720 GS	97-01	271-000-436	002-045-02
720 GSI	97	271-000-436	002-045-02
720 GTI	96	271-000-436	002-045-02
720 GTI	97-00	277-000-526	002-048-06
720 GTI	01-04	277-001-010	002-045-08
720 GTI LE	02-04	277-001-010	002-045-08
720 GTS	97-00	271-000-436	002-045-02
720 GTS	2001	277-001-010	002-045-08
720 SP	97	277-000-289	002-048-01
720 SPX	96-97	277-000-289	002-048-01
720 XP	95	277-000-467	002-048-03
800 GSX	96-97	271-000-436	002-045-02
800 GSX RFI	99	271-000-841	002-046-02
800 GSX RFI	2000	277-000-841	002-046-02
800 GTI RFI	2004	277-001-010	002-045-08
800 GTI LE RFI	03-04	277-001-010	002-045-08
800 GTX	96-97	277-000-526	002-045-06
800 GTX RFI	98	277-000-769	N/A
800 GTX RFI	99-00	277-000-842	002-046-03
800 GTX RFI	01-02	277-001-009	N/A
800 SPX	98-99	277-000-289	002-048-01
951 GSX LTD	98	271-000-436	002-045-02
951GSX LTD	99	271-000-841	N/A
951 GTX LTD	98	277-000-526	002-045-06
951 GTX	2000	277-000-843	002-046-04
951 GTX	01-02	277-001-010	002-045-08
951 GTX DI	2000	277-000-842	002-046-03
951 GTX DI	02-03	277-000-949	002-046-05
951 GTX DI	2001	277-001-009	N/A
951 GTX LTD	99	277-000-843	002-046-04
951 RX	01-02	277-001-011	002-045-05
951 RX	2000	277-001-841	002-046-02
951 RX DI	2000	277-000-841	002-046-02
951 RX DI	01-03	277-001-011	002-045-05
951 RX X	2001	289-100-070	N/A
951 XP	2000	277-000-889	N/A
951 XP	01-02	277-001-008	002-045-04
951 XP DI	03-04	277-001-008	002-045-04
951 XP LTD	98-99	277-000-773	002-046-01
4-TEC GTX	02-04	277-000-949	002-046-05
4-TEC GTX LTD SC	03-04	277-000-949	002-046-05
4-TEC GTX SC	03-04	277-000-949	002-046-05
4-TEC GTX WAKE BOARD	03-04	277-000-949	002-046-05

KAWASAKI

MODEL	YEAR	OE NO.	PART NO.
300 SX	86-88	59406-3001	002-069
400 SX	76-79	59406-3001	002-069
440 SX	77-92	59406-3001	002-069
550 SX	82-95	59406-3001	002-069
650 SC	91-95	59406-3724	002-074-03
650 SX	87-90	59406-3705	002-074
650 SX	91-93	59406-3720	002-043
650 TS	89-96	59406-3714	002-040
650 X2	88-95	59406-3711	002-074-01

KAWASAKI CONTINUED...

MODEL	YEAR	OE NO.	PART NO.
650 X2	88-95	59406-3712	002-073
650 X2	86-87	59406-3723	002-070
750 SS	92-97	59406-3728	002-044-01
750 SSXI	93-97	59406-3732	002-044
750 ST	94-95	59406-3729	N/A
750 STS	95-97	59406-3736	002-042-01
750 STX	98	59406-3736	002-042-01
750 SX	92-95	59406-3726	002-041
750 SXI	95-96	59406-3726	002-041
750 SXI PRO	98-02	59406-3726	002-041
750 XI	98-99	59406-3728	002-044-01
750 XIR	94	59406-3738	N/A
750 ZXI	95	59406-3746	002-042-02
800 SX-R	03-06	59406-3776	N/A
900 STS	01-02	59406-3748	002-042-03
900 STX	97-98	59406-3736	002-042-01
900 STX	99-02	59406-3748	002-042-03
900 STX	03-06	59406-3778	002-040-02
900 ZXI	95	59406-3746	002-042-02
1100 STX	97-99	59406-3748	002-042-03
1100 STX D.I.	00-02	59406-3748	002-042-03
1100 STX D.I.	2003	59406-3778	002-040-02
1100 ULTRA 130	01-04	59406-3771	002-042-04
1100 ZXI	96-03	59406-3757	002-040-01
1200 STX	03-04	59406-3778	002-040-02
1200 STX-F	05-06	59406-3778	002-040-02
1200 STX-R	02-03	59406-3748	002-042-03
1200 STX-R	04-05	59406-3778	002-040-02
1200 ULTRA 150	99-05	594063-3771	002-042-04
1500 STX-F	04-06	59406-3778	002-040-02

YAMAHA

MODEL	YEAR	OE NO.	PART NO.
500 LX	93	EU0-U1481-00	002-051
500 WAVE JAMMER	89-90	EW3-61481-02	002-050
500 WAVE RUNNER	89, 92-93	EU0-U1481-00	002-051
650 SUPER JET	90-93	EW2-61481-00	002-059
650 WAVE RUNNER III	90-96	FJ0-61481-00	002-049
650 WAVE RUNNER VXR	91-95	FN8-U1481-00	002-042
701 FX	94-95	FX1-61481-00	N/A
701 RAIDER	94	GH1-61481-02	002-059-01
701 RAIDER	95-97	GH6-U1481-00	002-051-04
701 SUPER JET	94	EW2-61481-00	002-059
701 SUPER JET	95	EW2-U1481-00	N/A
701 SUPER JET	96-04	GM6-61481-00	002-059-03
701 VXR PRO	93-94	FN8-U1481-00	002-042
701 WAVE VENTURE	98	GP3-61480-00	N/A
701 WAVEBLASTER	93-96	GA7-61481-00	002-058
701 WAVE RUNNER III	97	FJ0-61481-00	002-049
701 WV	95-96	GJ3-U1481-00	002-059-02
701 XL	99-01	GU2-U1481-10	002-059-05
760 GP	99-00	GP7-U1481-00	002-051-05
760 RAIDER	96	GH6-U1481-00	002-051-04
760 WAVEBLASTER	96	GK5-61480-00	N/A
760 WAVE RUNNER	97-98	GP7-U1481-00	002-051-05
760 WAVE VENTURE	97	GP3-61480-00	N/A
760 XL	99	GU2-U1481-01	002-059-05
800 GP	98-00	GP7-U1481-00	002-051-05
800 GP	01-02	F0X-U1481-00	002-051-02
800 GP	2003	F0X-U1481-10	002-051-02
800 GP	2004	F0W-61481-01	N/A
800 XA	2004	F0D-U1481-10	002-051-01
800 XL	02-04	F0D-U1481-10	002-051-01
1000 FX/HIGH OUTPUT	2004	F1B-61481-02	N/A
1100 RAIDER	95-96	GJ1-U1481-00	002-058-01
1100 WAVE VENTURE	96-97	GH3-61480-00	002-051-03
1200 GP	97-99	GP8-U1481-00	002-059-04
1200 GP	00-02	F0X-U1481-00	002-051-02
1200 XA	2004	F0D-U1481-10	002-051-01
1200 XL	98	GU2-U1481-10	002-059-05
1200 XLT	03-04	F0D-U1481-10	002-051-01
1300 GP R	2004	F1G-61481-02	N/A
1400 FX	02-03	F1B-61481-01	N/A

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Hot Products

• High grade aluminum, which Hot Products has extensively tested for the manufacturing of these handlebars.

• Lightweight, super-strength, durable and excellent vibration dampening for freestyle and rough surf riders.

• The handlebar surface has been shot peened to help assist in preventing fatigue or failure.

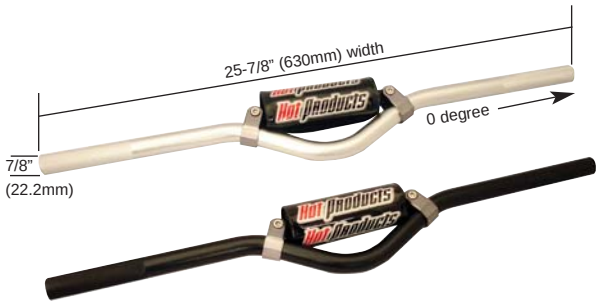
• Knurling – Grip end only – increases bonding between the handlebars and the grips.

• Anodized finish forms an integral coating giving protection against corrosion.

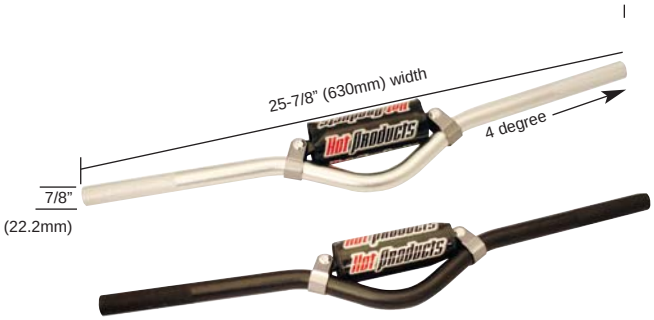
• A Hot Products crossbar pad is included with every handlebar.

• All Hot Products Handlebars feature scale lines for easy installation and alignment to each riders specifications.

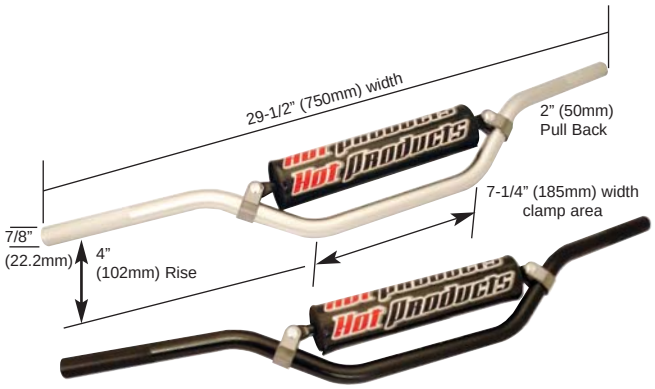




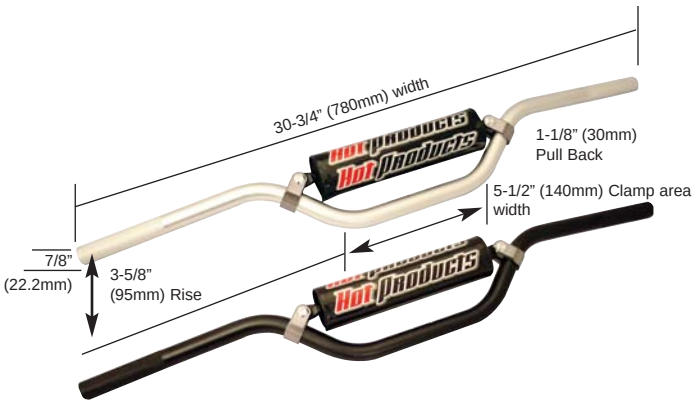
Stand-Up Performance Handlebars	Color	Part No.
Yamaha/Kawasaki Zero degree	Silver	HJF-00
Yamaha/Kawasaki Zero degree	Black	HJF-00BK



Stand-Up Performance Handlebars	Color	Part No.
Yamaha/Kawasaki 4 degree	Silver	HJF-04
Yamaha/Kawasaki 4 degree	Black	HJF-04BK



Runabout (750mm Width)	Color	Part No.
Runabout Handlebars	Silver	HJR-01
Runabout Handlebars	Black	HJR-01BK



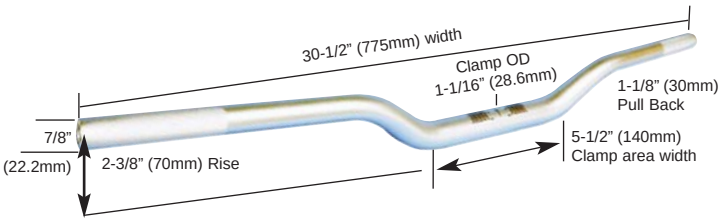
Runabout (780mm Width)	Color	Part No.
Runabout Handlebars	Silver	HJR-02
Runabout Handlebars	Black	HJR-02BK



UNIVERSAL FAT BAR ADAPTERS

Hot Products has designed these billet adapters to be compatible with UMI steering and other manufacturing steering systems and allows for use of "Fat Bars" for that added strength and clamping pressure needed for todays high performance applications. Both the one piece kit and two piece set come laser etched with the Hot Products logo.

Description	Part No.
One Piece Billet Adapter Kit	HJCL-01
Two Piece Billet Adapter Set	HJCL-02



HOT PRODUCTS RUNABOUT FAT BARS

Runabout Fat Bars	Color	Part No.
Hot Products Fat Runabout Bars	Silver	HJFT-01

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RIVA HANDLEBAR FOR iCONTROL SKIS

See page 27 for information and details.

Description	Part No.
RIVA RXP-X, RXT-X 255 (08-11) Bar Mount System non iControl	**RS202B-IC**



MOTOINE ADJUSTABLE HANDLEBAR

Utilizing handlebar clamp holes, this Motorcycle Road Racing type handlebar allows you to adjust the handlebar position from -4 degrees to +16 degrees.

Kawasaki	Part No.
Adjustable Handlebar for 800SXR	**MR-SXR-012**

KOMMAND HANDLEBARS



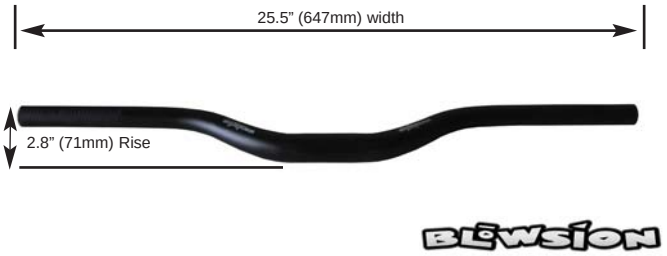
Stand-Up Handlebars	Color	Part No.
0-Degree W/Crossbar & Pad- Extended	Clear	**03-05-141**
0-Degree W/Crossbar & Pad- Extended	Black	**03-05-142**



Stand-Up Handlebars	Color	Part No.
4-Degree W/Crossbar & Pad- Extended	Clear	**03-05-143**
4-Degree W/Crossbar & Pad- Extended	Black	**03-05-144**



Stand-Up Handlebars	Width	Color	Part No.
Fat-Bar Straight	25.5"	Black	**03-05-145**



Stand-Up Handlebars	Width	Color	Part No.
Fat V Bar Riser	25.5"	Black	**03-05-146**



Sit-Down Handlebars	Width	Color	Part No.
Blaster/Sports Handlebars	28"	Black	**03-05-150**



Sit-Down Handlebars	Width	Color	Part No.
Runabout Handlebars	32"	Black	**03-05-152**
Runabout Handlebars	32"	Clear	**03-05-153**

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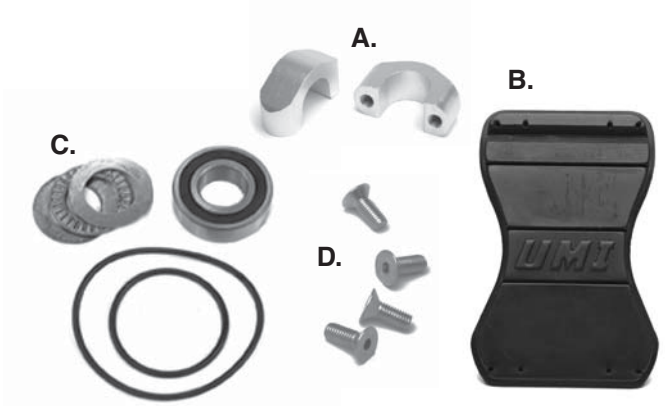


Mounting System

UMI RACING SEALED BEARING POWER TURN PLATE STEERING SYSTEM

Description	Part No.
SuperJet/Kawasaki 800SXR* Mounting System	JS-04103

This Steering System does not fit on a Kawasaki OEM Handlepole.



Replacement Bearing Kit — SJ 96+ Handlebar Pad Cover

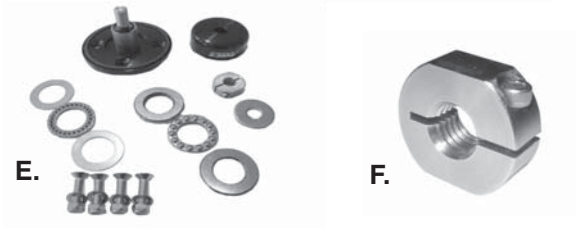
Description	Part No.
A. Set of Clamps (silver) **Bolts not included.*	JS-04400-CLR
B. Super Jet 96+ Handlebar pad cover	YA-04109
C. Replacement Bearing Kit	YA-04110
D. Handlebar Clamp Bolt Kit (8x20 Socket Flat Head) 4 bolts per kit	59-9129



BLOWSION BILLET STEERING SYSTEM SEALED BEARING WITH KROK LOCK NUT

Description	Part No.
Blowsion Billet Steering System - Yamaha SJ, Kawasaki Conversion, Octane	03-05-001
Blowsion Krok Collar	03-05-019

TBM RACING



TBM RACING SEALED BEARING STEERING SYSTEM

Description	Part No.
E. TBM Racing Yam/Kaw/Pol Sealed Bearing Steering System	TBM126
TBM Racing Steering System Bearing Replacement Kit	TBM126-B
F. TBM Racing Steering System Lock Nut	TBM126-N

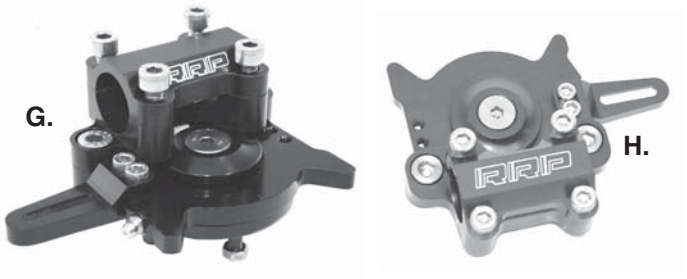
WWW.RICKROY.COM RRP RICKROYPRODUCTS



RRP UNIVERSAL STEERING SYSTEM

Designed to match and compliment the RRP Turn Plate, this steering system improves the steering feel, eliminates steering slop and is much stronger than the OEM steering systems on standup watercraft. This kit will fit most aftermarket turn plates. Handlebar clamps are standard 22.2mm and are black.

Description	Part No.
RRP Universal Steering System	STR-SYST-UNIV
RRP Bearing and O-ring Repair Kit	SS-B
RRP O-Ring Repair Kit	SS-O



RRP AST STEERING SYSTEM FOR 28.6MM FAT BARS

See page 92 for information and details.

Description	Color	Part No.
G. RRP AST Steering System	Black	STR-SYST-UNIV-F-BLK
H. RRP AST Steering System	Red	STR-SYST-UNIV-F-RD
RRP AST Steering System	Silver	STR-SYST-UNIV-SLV
RRP Bearing and O-ring Repair Kit		SS-B
RRP O-Ring Repair Kit		SS-O

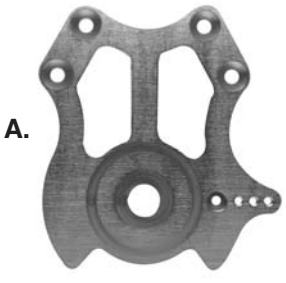
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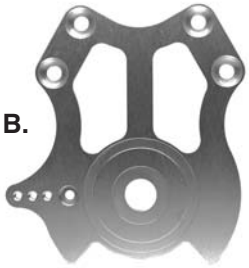
BNJ BEARING STEERING SYSTEM FOR SXR/ZR

Designed by BNJ(Team BNJ Racing in Belgium) with European Women Class Champion , YUKI KURAHASHI . This bearing steering system make precise turn of Kawasaki 800SXR or Zapata Racing FZ. Kit include Handle Bar. Black anodized finish to prevent corrosion.

Description	Part No.
BNJ Bearing Steering System for SXR/ZR	BNJ-SXR



A.



B.

Yamaha Superjet

Kawasaki 800 SXR

UMI RACING TURN PLATE

Description	Part No.
A. UMI Yamaha Super Jet Turn Plate	YA-04104-CLR
B. UMI Kawasaki 800SXR Turn Plate*	JS-04105-CLR



C.



D.



E.

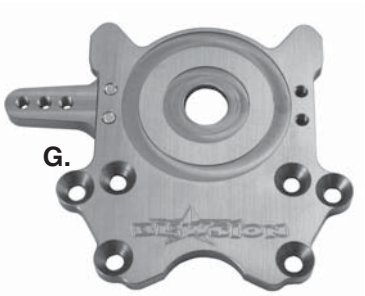


F.

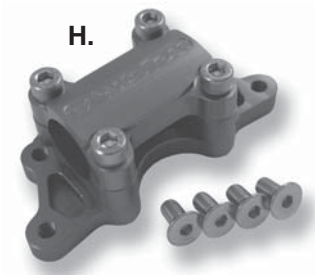
TBM RACING TURN PLATE & BILLET HANDLEBAR CLAMPS

Description	Part No.
C. TBM Racing Yamaha Turn Plate -1"	TBM102-YAM
D. TBM Racing Kawasaki Turn Plate -1"	TBM102
E. TBM Racing Kawasaki OEM Replacement Turn Plate	TBM102-OE
F. TBM Racing Billet Handle Clamps Color: Black (Sold as pair with 4 clamp bolts)	TBM135

BLOWSION



G.



H.

-1" TURN PLATE

Moves the normal rider position forward approximately 1 inch. Helps to reduce hull porposing and dramatically improves handling. Fits both Yamaha SJ and Kawasaki 800SX-R applications.

Description	Part No.
G. Blowsion -1" Turn Plate	03-05-043
H. Blowsion Phat Clamp	03-05-018



RRP Turn plates integrate a grease fitting to maintain the optimum lubrication.



RRP PRECISION TURN PLATE

See page 93 for information and details.

Description	Part No.
RRP -1" Precision Turn Plate	TRN-PLT-UNIV



ADA BILLET STEERING PLATE FOR 1 1/8" FAT BARS

Billet steering plate for 1 1/8" fat bars. Steering cable mount can be mounted on either side of the plate. This plate will work with the UMI and Blowsion style sealed bearing systems. ***This can also be used on the Kawasaki SXR by relocating the pivot post in the stock subplate to the forward hole.***

Description	Color	Part No.
ADA Fat Bar Billet Steering Plate	Silver	34-521090
ADA Fat Bar Billet Steering Plate	Black	34-521000

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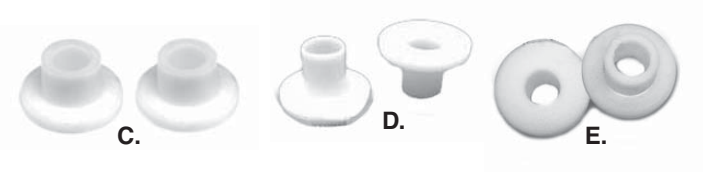
For Rick Roy Handlepoles and RRP Steering related items, please see pages 90-96 for information and details.



SXR PIVOT BOLT BUSHING FOR OEM BRACKET

UMI Handle Pole conversion for OEM SX-R bracket or AC Handlepole conversion for OEM SX-R Bracket.

Kawasaki SX-R	Part No.
For UMI Handlepole	03-04-101
For AC Handlepole	03-04-102

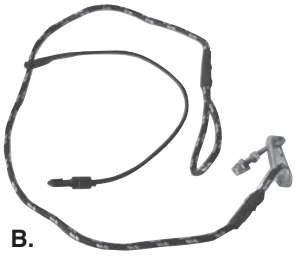


OEM HANDLEPOLE REPAIR/REPLACEMENT BUSHINGS

Bushings are sold in sets of two.

Description	Part No.
C. OEM Kawasaki 440/550/550SX/650SX Handlepole*	31-660115
**** These are oversized bushings and pivot bolt holes must be enlarged to fit bushings.***	
D. OEM Kawasaki 750/800 Handlepole	03-04-103
E. Yamaha SuperJet (96+) Handlepole	03-04-104
E. Yamaha UMI Handlepole with OEM SuperJet Pole Bracket	03-04-104





HANDLE POLE EXTENSION LIMITING ROPE

This pole limiting rope is to STOP pole from extending appx. 2-3" from total max extension. This prevents the forward motion of the pole. Fits all stand up Yamaha Super Jet, Polaris Octane, Kawasaki SXR 800, 750 SX & all JS models. A must for ocean or big wave riders

Description	Part No.
A. UMI Limiting Rope Kit	YA-09100
B. Blowsion Limiting Rope Kit	03-04-151

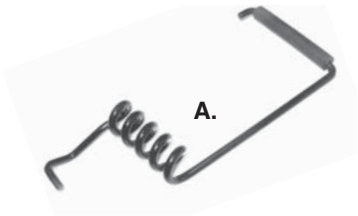


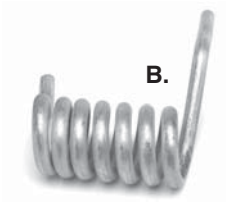
BLOWSION STEERING STOP

Blowsion stainless Steering Stop and nut. Updated design allows for two mounting positions for riders wanting more steering throw. Fits all OEM, UMI,Factory Yamaha, RRP and AC aluminum Handlepoles.

Description	Part No.
Blowsion Steering Stop with Nut	03-04-131

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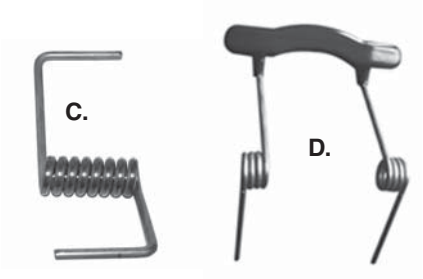


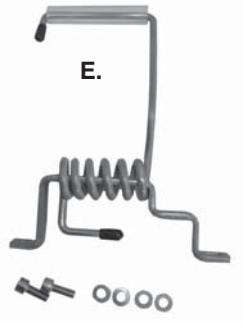
HANDLE POLE SPRINGS

Greatly reduces weight of stock handle pole up to 75% and reduces rider arm and shoulder fatigue.

Yamaha	Part No.
A. Super Jet Pre 95	03-04-011
B. Super Jet 96+	03-04-012

Kawasaki	Part No.
C. 750SX, 750 SXI, 800SXR	03-04-003
D. 300/440/550/550SX "Dual Coil Spring"	RM5500
E. 650SX	WCW-650SXSPRING







ADA RACING BILLET 800SXR TALL HANDLEPOLE SPRING TENSIONER

Kawasaki 800 SX-R handlepole spring tensioner. Includes billet black anodized bracket and stainless hardware.

Kawasaki	Height	Part No.
ADA Tensioner	25mm	KA800ST



KOMMANDER TENSIONER KAWASAKI 800 SXR

Kawasaki	Height	Part No.
G. 800 SXR Short	23mm	KOM104-SHORT
H. 800 SXR Tall	38mm	KOM104-TALL



WATERCRAFT WERKS KAWASAKI 750SX/SXI HANDLEPOLE SPRING TENSIONER

The Watercraft Werks Spring Tensioner adds preload to the handlepole which reduces the handlepole weight. The lighter handlepole reduces back, shoulder and arm fatigue. The stainless steel constructed shim installs in less than 5 minutes with basic tools.

Kawasaki	Part No.
Handlepole Spring Tensioner	WCW-75SXPST



TBM TENSIONER FOR KAWASAKI 800 SXR

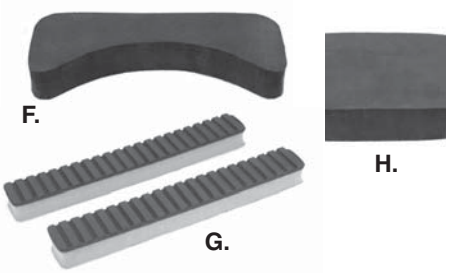
Kawasaki	Part No.
800 SXR Short	TBM104-S
800 SXR Tall	TBM104-T



SXR BILLET HOOD BUMPER

Direct replacement for OEM bumper. Includes pre-cut foam and hardware. For Kawasaki 800SXR/750SXI.

Description	Part No.
Hood Bumper Clear	04-04-201
Hood Bumper Green	04-04-202
Hood Bumper Red	04-04-203



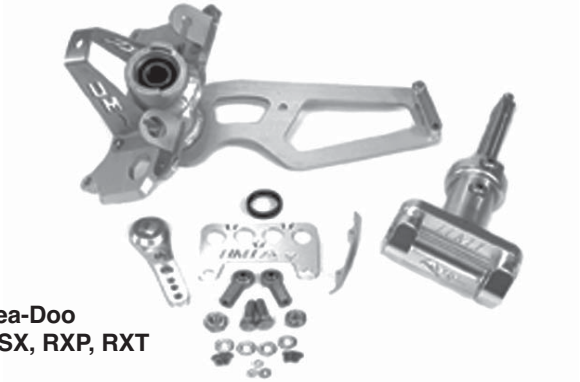
POLE SHOCK PADS

Protects engine hood from damage when handlepole is dropped. Color: Black only

Description	Part. No.
F. Kaw 750SX/SXI/800SXR (1)	TS401
G. Kaw JS440/550/550SX (2)	TS411
H. Yamaha Super Jet (1)	TS421

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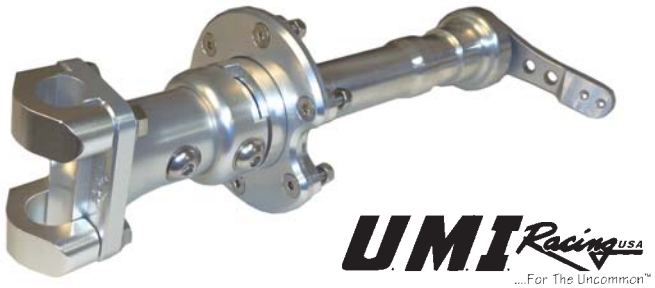
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Sea-Doo
GSX, RXP, RXT

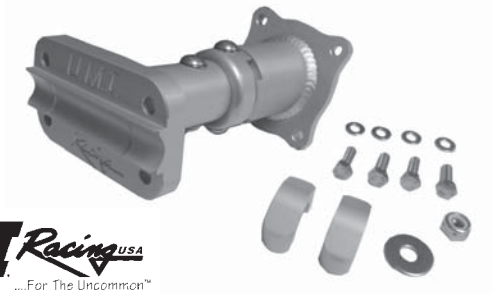
UMI TOP STOP BILLET STEERING

Sea-Doo	Part No.
GSX, GTX, GTI, GTS, GSI, GS 96+, RX, RXP, RXP-X, RXT, RXT-X	SD-04804-GSX



UMI Racing USA ....For The Uncommon™

Yamaha	Part No.
UMI Wave Blaster Billet Steering System	YA-04700-TS



UMI Racing USA ....For The Uncommon™

Kawasaki	Part No.
UMI X-2 Billet Steering System	X2-04600-TS



REPLACEMENT BEARING KIT FOR UMI STEERING SYSTEMS

Description	Part No.
Replacement Bearing Kit For all Steering Systems except XP97+ (requires 2 kits)	58-6300

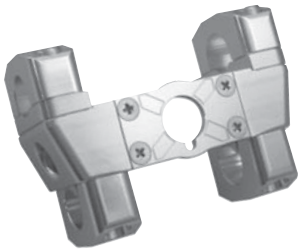




"DO SPEED" SPACER AND MOUNTING KIT FOR UMI RXP-X/RXT-X STEERING SYSTEMS

See page 26 for information and details.

Description	Part No.
"DO Speed" Spacer and Mount Kit for UMI RXP-X and RXT-X Steering System	D-X-P



SPEED MAGIC "X MOUNT" STEERING HEAD

Description	Part No.
Speed Magic Steering Head	SE-027015

SQUADRON





ULTRA 250/260/300 AFTERMARKET BILLET HANDLEBAR ADAPTER

See page 83 for information and details.

Description	Part No.
Ultra 250/260/300 Billet Handlebar Adapter	DC-HA-KU



R&D FX-SHO/FZR/FZS BILLET STEERING SYSTEM KITS

See page 64 for information and details.

Description	Part No.
R&D FZR / FZS Billet Steering System	512-18000
R&D FX-SHO Billet Steering System	512-18001

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NOTE: Prototype "Show Piece" shown. Production color not represented.



NEW



RS24090-ICRT

RXP-X 260 PRO-SERIES STEERING SYSTEM

See page 26 for information and details.

Description		Part No.
RXP-X 260 Pro-Series Steering System		RS20110
RXP-X 260 (T3) 2012, Black		
Sea-Doo iControl Removal Tool	NEW	RS24090-ICRT





RIVA RXP-X/RXT-X 255 BAR MOUNT SYSTEM

See page 27 for information and details.

Description	Part No.
RIVA RXP-X, RXT-X 255 (08-11) Bar Mount System non iControl	RS20050-U





RIVA FZ PRO-SERIES STEERING SYSTEM

See page 64 for information and details.

Description	Part No.
RIVA FZ/FZS Steering System	RY20050-U-3.5
Tube Kit 5-1/2"	RY20050-RK-5.5
Tube Kit 7-1/2"	RY20050-RK-7.5



RIVA VXR/VXS PRO-SERIES STEERING SYSTEM

See page 64 for information and details.

Description	Part No.
RIVA VXR/VXS Pro-Series Steering System	RY20060-U





RIVA ULTRA PRO-SERIES STEERING SYSTEM

See page 82 for information and details.

Description	Part No.
RIVA Ultra 250/260/300 Steering System	RK20090-U-8.75
11.75" Tube Kit for RK20090	RK20090-RK-11.75



RIVA ULTRA PRO-SERIES STEERING LOWER

See page 82 for information and details.

Description	Part No.
RIVA Ultra Lower System Steering Assembly	RK20090-L

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R&D AUTO DROP NOZZLE KITS



The R&D VTS/Auto Drop Nozzle is the first manually activated VTS nozzle with Auto Drop functions! When riding with the VTS adjusted in the neutral position the nozzle will drop 5 degrees in the turns allowing for a much smoother high speed turn to be made. When the steering reaches the straight position the nozzle returns back to the straight position. When riding with a full tank the best VTS setting is usually in the click up position and stays there.

With the R&D VTS Nozzle Kit you can ride 1 click up (5 degrees up) and when you turn the nozzle will drop 5 degrees which is back to zero or straight position. When steering returns back to straight the nozzle resumes the one click up (5 degrees up) position.



162-18010

Yamaha	Part No.
GP1200R VTS Auto Drop Nozzle Kit	162-12001
GP1300R VTS Auto Drop Nozzle Kit	162-13000
FX SHO/FZR/FZS VTS Auto Drop Nozzle Kit	162-18020
FX SHO/FZR/FZS VTS Quick Shift Cam Kit	162-18010



Sea-Doo RXP

The R&D RXP Auto Trim Kit was developed to override the OEM VTS System with a fully adjustable and fully automatic trim system! The R&D Auto Trim automatically drops a rider preferred adjustable 2-8 degrees. Drive from turn to turn never worrying whether the trim is in the best position for perfect turn negotiation! For long straight rides install the R&D VTS/Holeshot Driver Rod (Pt.# 163-21503), which works in conjunction with the R&D Auto Trim to electronically override the Auto Trim back to the OEM VTS Nozzle angle trim settings!



162-21503

Sea-Doo	Part No.
RXP 215	163-21502
RXP Holeshot Rod for use with #163-21502	163-21503
GTX 4-Tech (03-07) RXT (03-07) Auto Trim Kit	163-95003
RXP-X 255/RXT-X 255 Auto Trim Kit	163-25500

R&D HYDRO FORCE STEERING NOZZLE



Kaw Ultra 150



Sea-Doo RXP



Yamaha GP1200R/GP1300R

The new lengthened design delivers a full 1 MPH speed gain over stock. The pivot point position improves the turning radius allowing you to carve tighter turns with a more positive feel. Improved performance through speed, acceleration and handling.

Sea-Doo	Part No.
RXP/RXP-X/RXT/RXT-X (+15mm) Pro Style Ext. Nozzle	163-21500

Yamaha	Part No.
GP 1200R / 1300R	162-12000
FX140 / FX H.O./FX SHO/FZR/FZS	162-14000

Kawasaki	Part No.
Ultra 150	161-15000



BLOWSION BILLET ALUMINUM TRIM LEVER

Blowsion Trim Lever - Left hand operated trim lever for pump tilt or trim systems.

Description	Color	Part No.
Blowsion Trim Lever	Silver	03-05-230
Blowsion Trim Lever	Black	03-05-231



UMI RACING TRIM LEVER

Billet Aluminum Trim Lever for Trim Tab and Quick Trim Nozzles.

Description	Color	Part No.
UMI Trim Lever	Clear	KA-01525-CLR
UMI Trim Lever	Black	KA-01525-BLK

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EZ-TRIM SYSTEM (THE ORIGINAL)



Easy-Trim System was designed to allow riders of all levels to get a fair amount of trim with a light pull on the lever. The system will give you 30-35 degrees of trim. The system is constructed of anodized billet aluminum for strength and light weight. It can be changed into the straight pull with a few additional accessories. This system is available for Yamaha Superjet or similar pump setups.

Kit includes: trim ring, cable, lever, hardware, reduction nozzle and steering nozzle. It is recommended that you purchase a through hull tube if your PWC is not equipped for a clean and easy installation.

EZ-Trim System	Color	Part No.
144mm Trim System	Black	TI-EZ-TRIM-BLACK-144
144mm Trim System	Red	TI-EZ-TRIM-RED-144
144mm Trim System	Silver	TI-EZ-TRIM-SILVER-144
Thrust Universal Replacement Trim Cable		TI-EZ-TRIM-CABLE

*See pages 303-304 for New Release Thrust Innovation Trim Systems



BLOWSION YAMAHA & KAWASAKI HEAVY DUTY STEERING CABLES

Description	Part No.
Blowsion Yamaha SJ (1996-13), All Rickters	02-05-302
Blowsion Kawasaki SXR (All Years)	02-05-303



TBM KAWASAKI SLOP FREE STEERING CABLE ENDS

For 9mm ball joints.

Description	Part No.
TBM Kawasaki Slop Free Steering Cable Ends	TBM112



BLOWSION IZZNELL TWISTER NOZZLE

Available for all years Yamaha SuperJets. Allows additional throw on steering nozzle and multiplies the turning radius exponentially. A surf and freeride necessity!

Description	Part No.
Izznell Twister Nozzle Bracket only	02-02-417

WWW.RICKROY.COM
RRP
RICK ROY PRODUCTS

NEW



Check Out Video



RRP NINJA PUMP FLOW GUARD

This innovative Pump Flow Guard from RRP/Ninja helps to increase performance and to gain more height for aerial maneuvers. It allows for full functionality of the steering nozzle and trim system.

• Prevents the water flow from the outside of the pump entering between the restriction and steering nozzles, breaking the flow water inside the pump.

• Prevents back spray when turning the steering nozzle, and loss of internal pump pressure.

• Stops the pumps spraying into the exhaust, which causes engine bog on acceleration during turns and maneuvers.



2012 Freestyle World Champion
Rok Florjancic &
Hiro "Ninja" Ogino

Description	Model	Part No.
155 Yamaha	Carbon	FL-GD-NIN1-CB (155-YAM)
155 Yamaha	Black Fiber	FL-GD-NIN1-F-BLK (155-YAM)
144 Yamaha	Carbon	FL-GD-NIN1-CB (144-YAM)
144 Yamaha	Black Fiber	FL-GD-NIN1-F-BLK (144-YAM)
Thrust 144 Yam	Carbon	FL-GD-THRUST-CB (144-YAM)
Thrust 144 Yam	Black Fiber	FL-GD-THRUST-F-BLK (144-YAM)



RRP YAMAHA QUICK STEERING ADAPTER

This quick steering adapter fits the stock superjet nozzle. It will give you the option to play with the quickness of the steering from really aggressive to really smooth. It will also give you a lot more turning ratio for free style. RRP quick steering adapters are black

Description	Part No.
RRP Yamaha Quick Steering Adapter	QU-ST-YAM-BL

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HOT PRODUCTS THROTTLE CABLE ADAPTERS

NEW



New improved design for 2013, aluminum and anodized silver

Description	Part No.
Cable Adapter for Kawasaki Pre-86, Yamaha & All Wet Jet 6mm Throttle Cable Kawasaki 440 (76-86), 550 (82-85), Yamaha All Models (87-00) Hydrospace S4	58-0990



Description	Part No.
Cable Adapter for Kawasaki 96+ 8mm Throttle Cable Kawasaki 750 SS-XI-SXI (96-00), 750 STS (95-97), ZXI (95-00), STX (97-00)	58-0991



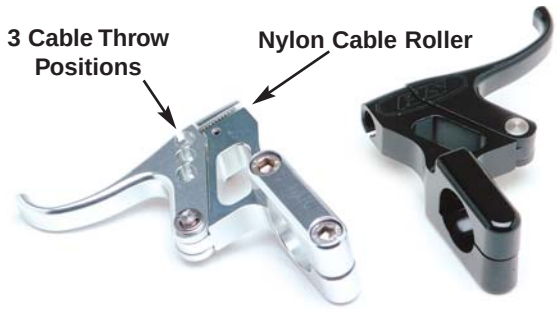
Description	Part No.
Cable Adapter for All Sea-Doo	58-1996



HOT PRODUCTS ALUMINUM TRIGGER THROTTLE LEVERS

Fits 86-95 Kawasaki & Polaris.
10mm Throttle Cable Kawasaki 550 (86-95), 650 (86-95), 750 SX-SS-SXI (92-95), 750 ST (94-95).
An adapter is required for: Sea-Doo, Yamaha and Kawasaki Pre 86 & 96+.

Description	Part No.
Silver	58-0970
Black	58-0971



PJS BILLET THROTTLE LEVER

Billet constructed throttle features nylon cable roller, nylon bushing and thrust washers, 3 cable throw positions, 6mm stainless steel bolts. This lever is specially designed to contour around your index finger. The narrow lining allows you to gain quicker response on hole shots without your middle finger getting in the way of a full pull.

Description	Part No.
Silver	58-0981
Black	58-0982

UMI Racing USA ...For The Uncommon®



UMI BILLET FINGER THROTTLE

Lever perch is machined at an angle which makes the lever pull at a downward sloping angle. This motion keeps the lever at the tip of your finger throughout the throttle range greatly reducing arm pump and providing superb throttle control. Also available in traditional straight pull. Teflon bushings eliminate the play common in other throttles and provides a smoother throttle pull. Stainless steel pin and C-Clip eliminates corrosion at hinge point. Available for all models. Also available in anodized black. Some models require throttle cable adapter.





Straight Lever	Part No.
Silver	KA-01521-CLR
Black	KA-01521-BKA

Angled Lever	Part No.
Silver	KA-01520-CLR
Black	KA-01520-BKA









BLOWSION BILLET THROTTLE LEVER

Machined with the stand-up rider comfort at a premium, the new Blowsion straight pull finger throttle levers are ergonomically designed for premium fit and feel wether you are on the waves or on the buoys. Lever angle is situated to reduce hand and arm fatigue. Delron bushings eliminate the play common in OEM throttle levers and provides a smooth throttle pull action. All stainless hardware at the hinge point eliminates corrosion and play 100%. No "C" clips are used in the throttle lever assembly.

Description	Part No.
Black	03-05-201
Blue	03-05-202
Green	03-05-204
Orange	03-05-205
Red	03-05-207
Clear	03-05-208

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RIVA RACING SEA-DOO BILLET FINGER THROTTLE



Specifically designed to match throttle travel of Sea-Doo 4-Stroke PWC. Direct replacement for bulky OEM throttle on X-Models and can be used with aftermarket bars on other 4-tec applications. Adjustable throttle angle & unique trigger design keeps the trigger at the tip of your finger throughout the throttle range for reduced arm pump & superb throttle control. Delrin bushings eliminate play common in OEM throttles and provide smooth actuation. All stainless hardware at hinge point eliminates corrosion and play. No "C" clips used. Use with OEM adapter on X-Models or use aftermarket adapter (sold separately) for other 4-Tec applications.

Description	Part No.
RIVA Racing Billet Finger Throttle for Sea-Doo	RS24010P

*Available in clear finish only

RIVA RACING YAMAHA & KAWASAKI BILLET FINGER THROTTLE



Ergonomically designed for premium fit and feel whether you are on the waves or turning buoys. Lever angle is fully adjustable to reduce hand and arm fatigue. Delrin bushings eliminate play common in OEM throttles and provide smooth actuation. All stainless hardware at hinge point eliminates corrosion and play. No 'C' clips used. Available in anodized Clear or Black. Throttle cable adapter sold separately.

Description	Part No.
Clear Billet Finger Throttle for Yam/Kaw	RY24010P
Black Billet Finger Throttle for Yam/Kaw	RY24010B



TBM RACING HI PERFORMANCE ADJUSTABLE FINGER THROTTLE

Precision machined from aircraft grade aluminum featuring a bushing pivot, fully adjustable perch and ergonomically correct to reduce hand fatigue. Fully rebuildable design allows you to replace the pivot bearing extending the life of the throttle lever. Also available with a needle bearing pivot for the ultimate in precision ergonomics.

Description	Model	Part No.
A. Clear	Bushing	TBM118B-CLR
B. Black	Bushing	TBM118B-BLK
A. Clear	Bearing	TBM118BB-CLR
B. Black	Bearing	TBM118BB-BLK

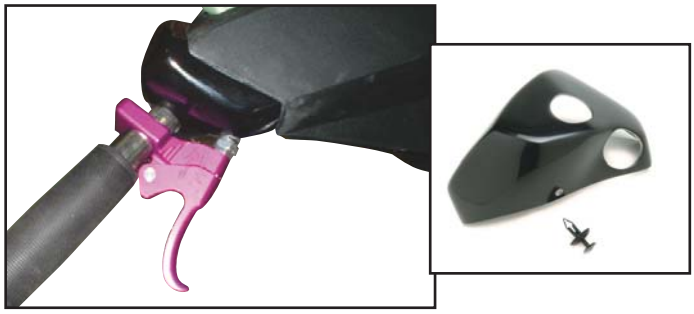
SD RXP/RXT/RXP-X & Hydrospace	Model	Part No.
C. Clear	Bushing	TBM118-SH-CLR
D. Black	Bushing	TBM118-SH-BLK



UMI RXP TRIM/SWITCH HOUSING

U.M.I's trim/switch housing is machined from 6061-T6 billet aluminum, replacing the stock plastic housing. Trim/switch housing uses the factory variable trim switch and start/stop switch. This housing must be used with the U.M.I GSX/RXP (P/#58-6321) steering system, aftermarket bars and finger throttle.

Sea-Doo	Color	Part No.
RXP	Clear Anodized	SD-01600-CLR



HANDLEBAR COVER CAP FOR SEA-DOO 4-TEC - RXP - RXT - GTX - GTI

Description	Part No.
Handlebar Cover Cap	FB001-SD



BILLET STOP SWITCH HOLDER FOR AFTERMARKET HANDLEBARS

Sea-Doo	Part No.
SD GTX, 4-Tec, RXP, RXT (One hole type)	58-2003



BILLET 3 SWITCH HOLDER FOR AFTERMARKET HANDLEBARS

Description	Color	Part No.
Sea-Doo	Polished	58-2004

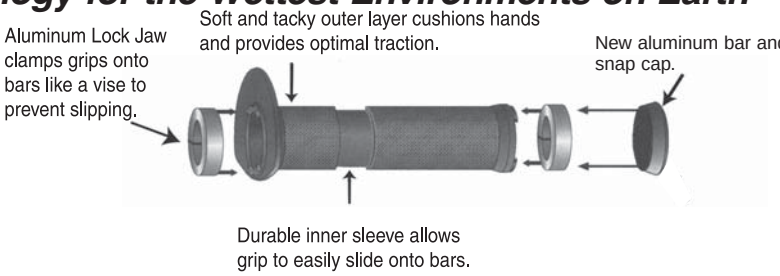
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LOCK-ON GRIP SYSTEM

Easy Installation No Grip Glue Required

Revolutionary Non-Slip Technology for the Wettest Environments on Earth

- Lock-On Grip System eliminates grip twisting and slippage without the need for ties or glues.
- Replaceable aluminum Lock Jaw clamps lock grip onto bars like a vise to prevent slippage.
- New 3/4 Flange helps keep hands from slipping without interfering with thumb throttle systems.
- Fits on aftermarket handlebars such as UMI, etc.



ODI ROGUE LOCK-ON GRIPS

- Thick raised pads for maximum shock absorption
- Texture surface pattern for better control
- Elevated thread pattern channels water off the grip

ROGUE WATERCRAFT GRIPS

Soft



Description	Part No.
Rogue, Thumb Throttle, 120mm, with 3/4 Flange	L30RGB-S

ROGUE WATERCRAFT GRIPS

Soft



Description	Part No.
Rogue, No Flange, 130mm	L31RGB-S

ODI RUFFIAN LOCK-ON GRIPS

- Extra narrow diameter
- Diamondized surface for excellent traction

RUFFIAN WATERCRAFT GRIPS

Hard Slim



Description	Part No.
Ruffian, Thumb Throttle, 120mm, with 3/4 Flange	L30RFB-S

RUFFIAN MOUNTIAN BIKE GRIPS

Hard Slim



Description	Color	Part No.
Ruffian, No Flange, 130mm	Black	L31RFB-S
Ruffian, No Flange, 130mm	White	L31RFW-B



BLOWSION KUSTOM DESIGN



BLOWSION LOCK RING CAP SET



Blowsion integrated the outside lock ring and the end cap into one piece for that special look. Each package contains two lock rings and two lock ring end caps.

Description	Color	Part No.
Grip Lock Ring End Caps set-Billet	Black	03-05-341
Grip Lock Ring End Caps set-Billet	Blue	03-05-342
Grip Lock Ring End Caps set-Billet	Clear	03-05-343
Grip Lock Ring End Caps set-Billet	Green	03-05-345
Grip Lock Ring End Caps set-Billet	Orange	03-05-346
Grip Lock Ring End Caps set-Billet	Purple	03-05-347
Grip Lock Ring End Caps set-Billet	Red	03-05-348
Grip Lock Ring End Caps set-Billet	Yellow	03-05-349

ANODIZED ALUMINUM LOCK RING

Anodized aluminum lock ring for ODI grips. Lock-on system grips package's contains 4 lock rings each.

Description	Color	Part No.
Griplock Lock Ring Anodized	Green	03-05-335
Griplock Lock Ring Anodized	Blue	03-05-332
Griplock Lock Ring Anodized	Orange	03-05-336

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Experience the Ultimate in Watercraft Control

These grips features a raised diamond plate pattern that offers additional comfort as well as control across the length of the grip. ODI has also included our exclusive “pre-cut” style flange which is just large enough to easily reference your hand position, while also being small enough to stay out of the way when you are trying to access thumb-throttles or other handlebar components.

X-Treme Elements Lock-On Grip

Medium Soft



Graphite
L30XTH-G

Description	Color	Part No.
X-Treme Pre-Cut Flange, 130mm,	Graphite	L30XTH-G
X-Treme Pre-Cut Flange, 130mm,	Black	L30XTB-B



Description	Part No.
White with Red Clamps	L30TLW-R
Black with Grey Clamps	L30TLB-G
Yellow with Purple Clamps	L30TLY-P
Red with Black Clamps	L30TLR-B
Orange with Black Clamps	L30TLO-B



ODI LOCK JAW CLAMPS AND CAPS

- Sturdy one-piece machined aluminum design
- Replacement set includes 2.5mm bolts

Description	Color	Part No.
Lock Jaw Clamps and Caps	Black	D70LJB
Lock Jaw Clamps and Caps	Silver	D70LJS
Lock Jaw Clamps and Caps	Red	D70LJR
Lock Jaw Clamps and Caps	Gray	D70LJG

ODI RUFFIAN MX LOCK-ON GRIPS

NEW! The Ruffian MX Grip combines an ultra narrow knurled Ruffian surface pattern combined with a motocross inspired half-waffle pattern for a great all around grip.

Medium Soft Slim



Description	Part No.
Ruffian MX, No Flange, 130mm	L32RFB-S

ODI CROSS TRAINER LOCK-ON GRIPS

Medium Soft Slim



Description	Part No.
Cross Trainer, No Flange, 130mm	L30CTB-B



BILLET ALUMINUM END PLUG

Protect your bars and grips with ODI Aluminum End Plugs. Constructed of sturdy 6061 aluminum, these plugs are designed to take the brunt of whatever you can throw at them.
Product Features: Sturdy 6061 Aluminum, Fits most sized bars, Triple-Core Design Holds Plugs Inside Bars, Sold in pairs

Description	Color	Part No.
Aluminum Bar End Plug	Black	L71APB
Aluminum Bar End Plug	Blue	L71APU
Aluminum Bar End Plug	Red	L71APR
Aluminum Bar End Plug	Silver	L71APS



ODI LOCK JAW REPLACEMENT BOLTS

These bolts are replacements for the specially designed allen bolts used with Lock Jaws and eliminates the need to buy an entire new set of clamps just to replace the bolts.

Description	Part No.
Lock Jaw Replacement Bolt Set (5 pcs/pk)	F70RSB

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Lizard Skins™ HI-PERFORMANCE ACCESSORIES

All Grip Kits Include Plastic End Caps



Plastic End Caps



Hot Product Logo Rings



LOEDS100



LOEDS200



LOEDS400

Medium Soft Slim

EXPERT MACHINE GRIPS

Description	Grip Color	Ring Color	Part No.
Expert Machine Grips	Black	Black	LOEDS100
Expert Machine Grips	White	Black	LOEDS200
Expert Machine Grips	Blue	Black	LOEDS400



LOLDS100



LOLDS500



LOLDS700

Hard Slim

LOGO GRIPS

Description	Grip Color	Ring Color	Part No.
Logo Grips	Black	Black	LOLDS100
Logo Grips	Red	Black	LOLDS500
Logo Grips	Green	Black	LOLDS700



LOPDS100



LOPDS200



LOPDS300



LOPDS400

PEATY GRIPS

Medium Soft Slim

White grips come with anodized red and blue rings, graphite grips come with anodized red rings and black grips come with anodized graphite rings. Small diameter, 130mm.

Description	Grip Color	Ring Color	Part No.
Peaty Grips	Black	Graphite	LOPDS100
Peaty Grips	White	Red	LOPDS200
Peaty Grips	Graphite	Red	LOPDS300
Peaty Grips	Blue	Gold	LOPDS400



LOCDS100



LOCDS200



LOCDS550



LOCDS700

Medium Soft Slim

CHARGER GRIPS

Your favorite grip now available as a lock-on grip. Small diameter, 130mm.

Description	Grip Color	Ring Color	Part No.
Charger Grips	Black	Black	LOCDS100
Charger Grips	White	Black	LOCDS200
Charger Grips	Pink	Black	LOCDS550
Charger Grips	Neon Green	Black	LOCDS700

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Lizard Skins
HI-PERFORMANCE ACCESSORIES

All Grip Kits Include Plastic End Caps



LODDS100



LODDS200

BEARCLAW GRIPS

Description	Grip Color	Ring Color	Part No.
Bearclaw Grip	Black	Red	LODDS100
Bearclaw Grips	White	Red	LODDS200



LONDS010



LONDS030

Medium Soft

NORTHSHORE GRIPS

This grip is great for people with large hands.

Description	Grip Color	Ring Color	Part No.
Northshore Grips	Black	Black	LONDS010
Northshore Grips	Graphite	Black	LONDS030



LOMDS010



LOMDS040

MOAB GRIPS

Description	Grip Color	Ring Color	Part No.
Moab Grips	Black	Black	LOMDS010
Moab Grips	Black	Blue	LOMDS040



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GENUINE JETTRIM

JETTRIM CUSTOM ORDER SEAT COVERS

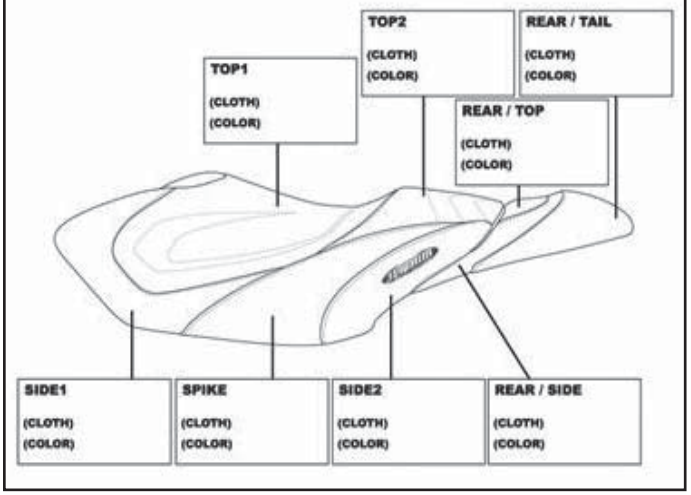
Three Easy Steps to Order a Custom Jettrim Seat Cover

1. **Locate the seat cover template in the Hot Products 2013 price list or visit www.HotProductsUSA.com.***
2. **Write the information of the colors & materials you want on the seat cover template.**
3. **Fax or email the completed seat cover template.****

** If you are unable to find the seat cover template for your model, please contact us.*

*** It may take 7-10 working days to get your custom seat cover after we receive your completed custom seat cover template.*

Example of Jettrim Yamaha FZR Seat Template



Ultra 250X/260X/300X



KU250X104-A
Front & Rear Top: *Medium Slip Black*
Front Collar: *Smooth Grain Worx Green*
Center Band and Rear: *Smooth Grain Worx Green*
Side: *Carbon Black Large*
Stitch: *Green Thread on Top*

Ultra 250X/260X/300X



KU250X104-B
Front & Rear Top: *Non Slip Suede Black*
Front Collar: *Smooth Grain Red*
Center Band & Rear: *Smooth Grain Red*
Side: *Carbon Black Large*
Stitch: *Red Thread on Top*

Ultra 250X/260X/300X



KU250X104-E
Front & Rear Top: *Non Slip Suede Black*
Front Collar, Center Band & Rear Side: *Carbon Black*
Stitch: *Green Thread on Top*

Ultra 250X/260X/300X



KU250X101-A
Top: *Medium Slip Black*
Front Side: *Smooth Grain White*
Tail Front & Spike Rear: *Smooth Grain Worx Green*
Stitch: *Green Thread on Top*

STXR 12F/15F



K15F102-A
Top Front: *Carbon Dark Silver*
Top Rear: *Carbon Black*
Front Side: *Smooth Grain Black*
Side: *Smooth Grain Worx Green*
Rear Tail: *Carbon White*
Stitch: *Green Thread on Top*

Ultra 300LX



KU300LX101-A
Front, Side 2 & Tail: *Carbon Silver*
Side 1 & Rear Side: *Carbon Black*
Top: *Carbon Black*
Stitch: *Silver Thread on Top*



KU250X104

JETTRIM CUSTOM SEAT COVERS

Kawasaki	Part No.
12/15F 2 Piece Seat Cover	K15F101
STX15F/12F (06+) Seat Cover	K15F102
STX (00) 2 Piece Seat Cover	KSTX101
STXR Seat Cover	KSTXR101
Ultra 150 Seat Cover	KU150101
Ultra 250X/260X/300X Seat Cover	KU250X101
Ultra 250X/260X/300X Retro Seat Cover	KU250X104
Ultra 300 LX Seat Cover	KU300LX101

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RXP-X (08-11)



SDRXPX101-A
Top: *Medium Slip Black*
Side: *Carbon Dark Silver*
Spike: *Disco Light Orange*
Rear: *Small Carbon Light Silver*
Stitch: *Orange Thread on Top*

RXP-X (08-11)



SDRXPX101-B
Top: *Medium Slip Silver*
Side: *Carbon Black*
Spike: *Rx Orange*
Rear: *Carbon Black*
Stitch: *Orange Thread on Top*

RXP-X (2012)



SDRXPX103-B
Front, Spike & Tail: *Soft Suede Black*
Top & Rear/Top & Back Rear:
Diamond Plate Black Black
Stitch: *Yellow Thread on Top*

RXT iS 255 (09), RXT iS 260 (10-12)



SDRXTXIS101-A
Front & Rear Top: *Medium Slip Yellow*
Front Collar: *Carbon Black LG*
Center Band: *Carbon Black LG*
Front & Rear Vest: *Smooth Grain Silver*
Side: *Carbon Black LG*
Stitch: *Black Thread on Top*



SDRXTXIS101-B
Front and Rear Top: *Non Slip Black*
Front Collar: *Carbon Black*
Center Band: *Carbon Black*
Front & Rear Backrest: *Fire Red Smooth Vinyl*
Side: *Ostrich Black Vinyl*
Stitch: *Orange Thread on Top*



SDRXTXIS101-E
Front & Rear Top: *Non Slip Black*
Front Collar: *Carbon Black*
Center Band: *Carbon Black*
Front & Rear Backrest: *Bright Yellow Smooth Vinyl*
Side: *Ostrich Black Vinyl*
Stitch: *Yellow Thread on Top*

JETTRIM CUSTOM SEAT COVERS

Sea-Doo	Part No.
GTX 2 Piece Seat Cover	**SDGTX101**
GTX 2 Piece Seat Cover	**SDGTX103**
GTX 2 Piece Seat Cover	**SDGTX105**
HX Spike Seat Cover	**SDHX101**
HX Retro Seat Cover	**SDHX103**
RXP Seat Cover	**SDRXP101**
RXP-X Seat Cover	**SDRXPX101**
RXP-X Hump Seat Cover	**SDRXPX101H**
RXP-X Retro Seat Cover	**SDRXPX102**
RXP-X (2012) Seat Cover	**SDRXPX103**
RXT 2 Piece Seat Cover	**SDRXT101**
RXT/RXT-X Retro Seat Cover	**SDRXTX103**
SPX Flat Sear Cover	**SDSPX101**
SPX Hump Sear Cover	**SDSPX106**
XPL (97-99) Seat Cover	**SDXP101**
New XPL Seat Cover	**SDXP103**
RXT iS 255 (09), RXT iS 260 (10-12), GTX LTD 260 (10-12), GTX iS 215 (11), Wake 215 (11-12), RXT iS 260 (10-12), GTX 155 (10-12), GTI 130 (11-12), GTI SE 155 (11-12), RXT-X aS 260 (11-12), RXT-X 260 (11-12)	**SDRXTXIS101**



SDRXPX103



SDRXTX103



SDHX103

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FZR (2009-11)



YFZR102-B
Top: *Medium Slip Black*
Front & Rear Side: *Carbon Black Large*
Front Collar & Band: *Smooth Grain Light Green*
Rear: *Smooth Grain Light Green*
Stitch: *Bright Green Thread on Top*

FZR (2012-13)



YFZR105-A
Top Front: *Medium Slip Black*
Top Rear: *Medium Slip Silver*
Front Collar: *Carbon Red*
Center Band & Tail: *Carbon Red*
Side & Back Rest: *Smooth Grain Black*
Stitch: *Red Thread on Top*

FZR (2012-13)



YFZR105-B
Top Front: *Medium Slip Black*
Top Rear: *Medium Slip Silver*
Front Collar: *Smooth Grain Light Green*
Center Band & Tail: *Smooth Grain Light Green*
Side & Back Rest: *Smooth Grain Black*
Stitch: *Bright Green Thread on Top*

FZS (09-12)



YFZS101-B
Front: *Kevlar Black* **Top 1:** *Medium Slip Silver*
Top 2: *Smooth Grain Red*
Rear Top: *Medium Slip Black*
Rear Tail: *Smooth Grain Red*
Side: *Carbon Black* **Tail:** *Medium Slip Black*
Rear Side: *Carbon Dark Silver*
Stitch: *Red Thread on Top*

FX HO



YFXSHO101-A
Top Front: *Medium Slip Black*
Top Rear: *Diamond Silver*
Front Collar: *Diamond Silver*
Center Band & Tail: *Diamond Silver*
Side & Back Rest: *Diamond Blue*
Stitch: *Blue Thread on Top*

FX Cruiser HO/SHO



YFXC101-A
Top Front: *Non Slip Suede Black*
Top Rear: *Non Slip Suede Black*
Front Collar: *Non Slip Suede Black*
Center Band & Tail: *Non Slip Suede Black*
Side & Back Rest: *Carbon Silver*
Stitch: *Silver Thread on Top*



YVXR101



YFZR105



YFXC101



YFZR102

JETTRIM CUSTOM SEAT COVERS

Yamaha	Part No.
FX140 Spike Design Seat Cover	YFX140101
FX140 Retro Design Seat Cover	YFX140102
FZR Spike Design Seat Cover	YFZR101
FZR Retro Design Seat Cover	YFZR102
FZR (2012) Retro Seat Cover	YFZR105
FZS Retro Design Seat Cover	YFZS101
FZS Spike Design Seat Cover	YFZS102
GP 2 Piece Seat Cover	YGP101
GPR Seat Cover	YGPR101
GPR New Design Seat Cover	YGPR101R
GPR Retro Design Seat Cover	YGPR104
FX-SHO/HO (2012)	YFXSHO101
FX Cruiser HO/SHO Seat Cover	YFXC101
VX110 Seat Cover	YVX110101
VX110 New Design Seat Cover	YVX110102
VXR Seat Cover	YVXR101
TZ700 Wave Blaster Seat Cover	YWB101



YFXSHO101

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JETTRIM MATS FOR KAWASAKI

A.



Bump Stitch

B.



Cross Stitch



For Aftermarket Rail



For OEM Rail

Kawasaki	Part No.
A. 800 SXR Bottom Mat Bump Stitch	**KSXR101-B**
B. 800 SXR Bottom Mat Cross Stitch	**KSXR101-C**

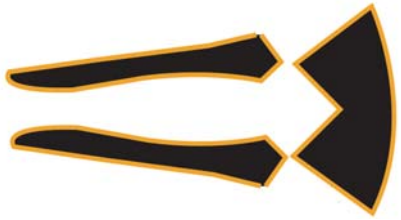
Kawasaki	Part No.
800 SXR Side Mat with Lifter	**KSXR106-A**
800 SXR Side Mat without Lifter	**KSXR106-B**

Kawasaki	Part No.
800 SXR Side Mat with Lifter	**KSXR102-A**
800 SXR Side Mat without Lifter	**KSXR102-B**



Kawasaki	Part No.
800 SXR 7 Pc Mat Kit*	**KSXR1111**

Kit Includes: Dash, Side Mats (2), Bottom Mat, Rail Caps (2) and Kicker.



Kawasaki	Part No.
Bottom Mat Kit 250X/260X/300X	**KU250X102**



Kawasaki	Part No.
Side Mats 250X/260X/300X	**KU250X107**

JETTRIM MATS FOR YAMAHA



Yamaha	Part No.
SJ 96+ Bottom Mat Bump Stitch	**YSJ103-B**
SJ 96+ Bottom Mat Cross Stitch	**YSJ103-C**



Yamaha	Part No.
SJ 96+ Side Mat Kit	**YSJ125**



Yamaha	Part No.
VXR/VXS Bottom Mat Kit	**YVXR102**



Yamaha	Part No.
SJ 96+ Bottom & Side Mat 3 Pc Kit	**YSJ126**



Yamaha	Part No.
SJ 96+ Chin Pad	**SJ123**



Yamaha	Part No.
FZR/FZS Side Mat	**YFZR106**

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HYDRO-TURF

SEAT COVER



Kawasaki	Part No.
1. 650X-2	**SEW40**
ZXI (95-97) Seat & Cowling	**SEW60**
3. ZXI (98-03) Seat & Cowling	**SEW601**
4. Ultra 150,130 DI Seat & Handlebar Pad	**SEW61**
5. Ultra 250X/260X/300X,Ultra LX	**SEW62**
Ultra 250 LX (10-12), Ultra 250/250LX/300LX,	**SEW62C**
ST,STS,750STX & 900 STX (Pre 99)	**SEW63**
1100STX (97),900 STX (99-00), 900 STS (01-02) Seat & Cowling	**SEW631**
6. 1100 STX (98-99)	**SEW632**
7. 1100 STX DI (00-02),900 STX (01-02)	**SEW64**
8. STX-12F (06-12) & STX-15F (06-12)	**SEW641**
9. 1200 STX-R (02-05),STX (03-05), 900 STX (06), STX (12)	**SEW64R**





Sea-Doo	Part No.
XP (Pre 93),SP (Pre 94)	**SEW80**
GT Family (90-95),GTS(96-00),GTI (96)	**SEW82**
GTX (96-99),GTI (97-00)	**SEW821**
22. GTX (00-02)	**SEW822**
23. GTI (01-05),GTS (01)	**SEW823**
24. GTI 4-TEC (06-08)	**SEW824**
XP (93-96),SP Family (94-99)	**SEW83**
GS,GSX	**SEW831**
25. XP (97-04)	**SEW84**
RX/RXX	**SEW86**
26. HX	**SEW87**
27. GTX (03-06),4-TEC (02),DI (02)/RXT-X, Wake	**SEW88**
28. GTX (07-09), GTX Limited (08) (non iS)	**SEW881**
RXT-IS (09), RXT 260 & RXT-X 260 (10-13)	**SEW882**
GTX Limited iS (09-13), GTX 155/215 (12-13), Wake Pro 215 (12-13)	**SEW883**
GTX 130 (11), GTX Ltd 130/155 (12-13), SE 130/155 (12-13), GTS 130 (12-13), Wake 155 (12-13), GTR 215 (12-13)	**SEW884**
29. RXP 215 (04-08)	**SEW89**
30. RXP-X (04-11)	**SEW891**
RXP-260 (12-13)	**SEW892**

Yamaha	Part No.
SUV	**SEW72**
Wave Runner III	**SEW73**
10. 700 Wave Blaster	**SEW74**
Wave Blaster II	**SEW741**
Wave Raider	**SEW76**
Wave Venture (94-96)	**SEW78**
Wave Venture (97-98)	**SEW781**
XL1200 (98),XL700 & 760 (98-04)	**SEW782**
11. XL1200 Limited (99-00),XL800 (00-01)	**SEW784**
12. XLT1200 (01-05),XLT800 (02-04)	**SEW785**
GP/GP1200R (99)	**SEW79**
GP800 (01-02),GP1200 (00-02)	**SEW791**
13. GP1300R (03-08),GP800R (03-04)	**SEW792**
14. FX (02-04),FX HO (05-11)	**SEWFX**
15. FX-SHO (08-11)	**SEWFX1**
FX-SHO (12), FX HO (12)	**SEWFX11**
16. FX Cruiser SHO (08-09)	**SEWFX1C**
FX Cruiser SHO (10-11)	**SEWFX1C-T**
17. FX Cruiser (03-04)	**SEWFXC**
18. FX Cruiser HO (05-08)	**SEWFX2**
FX Cruiser HO (09-11)	**SEWFX2-V**
FX Cruiser HO & FX Cruiser SHO (12)	**SEWFX21**
19. FZR (09-11)	**SEWFZR**
FZR (12)	**SEWFZR1**
20. FZS (09-12)	**SEWFZS**
21. VX (05-09), VXS, DLX & SPT (11), not VXR	**SEWVX**
VX Cruiser (06-11)	**SEWVXC**
VX Cruiser (12)	**SEWVXC1**
VXR (11-12)	**SEWVXR**
VXS/VX Deluxe/VX Sport (11-12)	**SEWVX1**

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HYDRO-TURF PREMIER CUSTOM ORDER SEAT COVERS



AZ-SEW62

KAWASAKI	Part No.
Ultra 250, Ultra LX (07-08), 260X (09-12), 300X (11-12)	AZ-SEW62
STX-12F (06-11), STX-15F (06-12)	AZ-SEW641
1200 STX-R (02-05), STX (03-05), 900 STX (06) STX (12)	AZ-SEW64R



FX SHO (08-11)
AZ-SEWFX1



FX SHO & FX HO (12)
AZ-SEWFX11



FX Cruiser HO &
FX Cruiser SHO (12)
AZ-SEWFX21



FZR (09-11)
AZ-SEWFZR



FZR (12)
AZ-SEWFZR1



FZS (09-12)
AZ-SEWFZS



AZ-SEW74



AZ-SEW784



AZ-SEW791

YAMAHA	Part No.
Wave Blaster 1	AZ-SEW74
XL 1200 (98), XL 700/760 (98-04)	AZ-SEW782
XL 1200 LMT (99-00), XL 800 (00-01)	AZ-SEW784
GP/GP 1200R (99 & Pre 99)	AZ-SEW79
GP 800R (01-02), 1200R (00-02)	AZ-SEW791
GP 800R (03-04), 1200R (03-08)	AZ-SEW792
FX SHO (2008-11)	AZ-SEWFX1
FX SHO & FX HO (2012)	AZ-SEWFX11
FX Cruiser HO & FX Cruiser SHO (2012)	AZ-SEWFX21
FZR (2009-11)	AZ-SEWFZR
FZR (2012)	AZ-SEWFZR1
FZS (2009-12)	AZ-SEWFZS
VX Cruiser (2012)	AZ-SEWVXC1
VXR (2011-12)	AZ-SEWVXR
VXS/VX Deluxe/VX Sport (2011-12)	AZ-SEWVX1



AZ-SEW88



AZ-SEW89



AZ-SEW891

SEA-DOO	Part No.
XP (93-96), SP Family (94-99)	AZ-SEW83
GX, GSX	AZ-SEW831
XP (XPL) (97-04)	AZ-SEW84
GTX (03-06), 4-Tec (02), RXT, RXT-X Wake (06-08), Wake Pro 215 (09)	AZ-SEW88
GTX (07-09), GTX Limited (08) (Non iS)	AZ-SEW881
RXT-iS (09), RXT 260 & RXT-X 260 (12-13)	AZ-SEW882
GTX Ltd iS (09-12), GTX 155/215 (12-13), Wake Pro 215 (12-13)	AZ-SEW883
GTX 130 4-TEC (11), GTI Ltd 155, 130 & SE 130/155 (12-13), GTR 215 (12-13)	AZ-SEW884
RXP 215 (04-08)	AZ-SEW89
RXP-X (04-11)	AZ-SEW891
RXP-X 260 (12-13)	AZ-SEW892



AZ-HT68



AZ-HT68RC

KAWASAKI	Part No.
800 SXR with Lifters	AZ-HT68
800 SXR For Use with Kicker Footholds	AZ-HT68K
800 SXR with Lifters & For use with Blowsion Composite Rail Caps	AZ-HT68RC

YAMAHA	Part No.
SuperJet (96-09) with Lifters	AZ-HT751
SuperJet (96-09) For Use with Kicker Footholds	AZ-HT751K
SuperJet (96-09) For Use with Digger Footholds	AZ-HT751D

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HOW TO ORDER HYDRO-TURF MAT KITS

Step 1 Part No. → **Step 2** Adhesive Type → **Step 3** Color → **Step 4** Pattern

GLUE DOWN EXAMPLE: HT70-ONG-CD

PSA EXAMPLE: HT70-PSA-ONG-CD

Step 1 - Find Model and Part No.

HYDRO-TURF MATS

Hydro-Turf® is a leading manufacturer of performance traction mats and seat covers. Hydro-turf offers some of the best looking, best gripping ride mats on the market. Superior traction grooves and excellent durability are the choice for amateur and professional riders looking to upgrade or replace their existing traction mats.

All Hot Products stocked Hydro-Turf Mat Kits are black with the Hydro-Turf logo in white. All Kits are "Cut Groove" traction type.

Yamaha	Part No.	Stocked Color	PSA Available
Wave Runner	HT70	BLK	YES
FX1	HT71	BLK	YES
SUV	HT72	BLK	YES
Wave Runner III	HT73	BLK	YES
Wave Blaster	HT74	BLK	YES
Wave Blaster II	HT741	BLK	YES
Wave Blaster 800	HT742	BLK	YES
Super Jet (90-95)	HT75	BLK	NO
Super Jet (96-13)	HT751	BLK	NO
Wave Raider	HT76	BLK	YES
VXR, VXR-Pro (pre 2010)	HT77	BLK	YES
Wave Venture/XL1200(98)/XL700 & 760 (98-04)	HT78	BLK	YES
XL1200 LTD (99-04), XL800/XLT1200/XLT800	HT784	BLK	YES
GP/GP1200R (99)	HT79	BLK	YES
GP1300R/GP1200R(00-02), GP800R (01-05)	HT791	BLK	YES
FX, FX HO (02-09)	HTFX	BLK	YES
FX SHO (08-11), FZR & FZS (09-12), FX HO (10-11)	HTFX1	BLK	YES
FX SHO & Cruiser (12), FX HO & Cruiser (12)	HTFX2	BLK	YES
VX (05-09)	HTVX	BLK	YES
VXS/VXR/VX SPT/VX CR/VX DLX (10-12)	HTVX1	BLK	YES

Hydrospace	Part No.	Stocked Color	PSA Available
Hydrospace S4 with 2" Kick Tail	HT100	BLK	YES

Polaris	Part No.	Stocked Color	PSA Available
SL/SLX (-99), 785Pro (99-01)	HT90	BLK	YES
Hurricane	HT91	BLK	YES
SLXH(98), SLH, SLX(99)	HT92	BLK	YES
SLH/SLX/Pro 1200 (00-01)	HT921	BLK	YES
SLT, SLTX, X-45	HT93	BLK	YES
Virage, Freedom	HT94	BLK	YES
Genesis	HT95	BLK	YES
Octane (Bottom Mat only)	HT96	BLK	YES
MSX	HT97	BLK	YES

All Hydro-Turf Mat Kits are now available with "PSA" (3M 486 MP Pressure Sensitive Adhesive). PSA Mat Kits are special order only and additional fees will apply.

Sea-Doo	Part No.	Stocked Color	PSA Available
XP (-93), SP Family (-94)	HT80	BLK	YES
GT Family (90-95), GTI (96), GTS (96-00)	HT82	BLK	YES
GTX (96-02), GTI (97-00)	HT821	BLK	YES
GTS (01), GTI (01-05)	HT823	BLK	YES
GTI 4-Tec (06-08)	HT824	BLK	YES
XP (93-96), SP Family (94-99)	HT83	BLK	YES
GS Family	HT831	BLK	YES
XP (97-04)	HT84	BLK	YES
LRV	HT85	BLK	YES
RX / RXX	HT86	BLK	YES
HX	HT87	BLK	YES
GTX DI (02) & GTX 4-TEC (02-05), GTX (03-08), RXT & RXT-X (Pre 2009)	HT88	BLK	YES
RXT iS, iS 260 & aS 260 (09-13) GTX S 155 (12-13), GTX Ltd iS (09-13)	HT882	BLK	YES
**All HT882 are supplied with 300 LSE PSA 3M adhesive pre applied for a Peel & Stick installation.*			
GTI 130 (11-12), GTI Ltd 155, SE 130/155 (12-13), GTS 130 (12-13), Wake 155 (12-13), GTR 215 (12-13)	HT884	BLK	YES
RXT-X 260 & RXT 260 (12-13), RXT-X (10-11), Wake Pro 215 (12-13), GTX 155/215 (12-13)	HT885-PSA	BLK	YES
**All HT885 are supplied with 300 LSE PSA 3M adhesive pre applied for a Peel & Stick installation.*			
RXP (Pre 06)	HT89	BLK	YES
RXP-X (06-11), RXP-X (08-11)	HT891	BLK	YES
3D	HT3D	BLK	YES
RXP-X 260 (12-13)	HT892	BLK	YES

Kawasaki	Part No.	Stocked Color	PSA Available
JS300/440/550	HT20	BLK	YES
JF650X2	HT40	BLK	YES
JS550SX	HT55	BLK	YES
ZXI	HT60	BLK	YES
Ultra 150, Ultra 130	HT61	BLK	YES
Ultra 250X/LX (07-12), 260X/LX (09-12)	HT62	BLK	YES
ST/STS/750STX&900STX (pre 99)	HT63	BLK	YES
STX1100 (97-99) STX900 (99-00), 900STS (01-02)	HT631	BLK	YES
STX1100DI (00-02), All STX (01-12), 12F, 15F, STXR	HT64	BLK	YES
JF650SX	HT65	BLK	YES
750SS/XI/XIR	HT66	BLK	YES
JF750SX/SXI	HT67	BLK	YES
800 SX-R	HT68	BLK	YES
800 SX-R with Kick Tail (1")	HT68K	BLK	YES

Honda	Part No.	Stocked Color	PSA Available
F-12/F-12X	HT05	BLK	YES
R-12/R-12X	HT06	BLK	YES
F-15X (08)	HT07	BLK	YES

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Step 2 - Select Glue Down or Pressure Sensitive Adhesive

Glue Down Type

Glue Down comes standard and no code is necessary.

Glue Down mats have the Hydro-Turf die cut logo.



PSA Type

PSA adhesive mats have the Hydro-Turf oval logo.



PSA type mats use 3M 486MP Pressure Sensitive Adhesive

Step 3 - Select the Color

Standard Colors



Color: Black
Code: BLK

Color: Deep Blue
Code: DB

Color: Light Blue
Code: LBL

Color: Royal Blue
Code: ROY

Color: Light Gray
Code: LGY

Color: Dark Gray
Code: DGY

Color: Pink
Code: PK



Color: Lime Green
Code: LGN

Color: Orange
Code: ONG

Color: Red
Code: RED

Color: Yellow
Code: YLW

Color: White
Code: WHT

Color: Black Marble
Code: BM

Color: Royal Marble
Code: RM



Color: Snow Camo
Code: SNCAM

Color: Blue Camo
Code: BLCAM

Color: Swamp Camo
Code: SWCAM

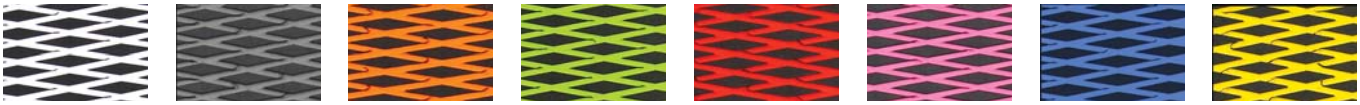
Color: Purple Marble
Code: PM

Color: Yellow Camo
Code: YWCAM

Color: Green Camo
Code: GNCAM

Color: Tan Camo
Code: TNCAM

2-Tone Colors



Top Color: Black
Grooves: White
Code: 2TBLK/WHT

Top Color: Black
Grooves: Dark Gray
Code: 2TBLK/DGY

Top Color: Black
Grooves: Orange
Code: 2TBLK/ONG

Top Color: Black
Grooves: Lime Green
Code: 2TBLK/LGN

Top Color: Black
Grooves: Red
Code: 2TBLK/RED

Top Color: Black
Grooves: Pink
Code: 2TBLK/PK

Top Color: Black
Grooves: Royal Blue
Code: 2TBLK/ROY

Top Color: Black
Grooves: Yellow
Code: 2TBLK/YLW



Top Color: Dark Gray
Grooves: Black
Code: 2TDGY/BLK

Top Color: Lime Green
Grooves: Black
Code: 2TLGN/BLK

Top Color: Lime Green
Grooves: Black
Code: 2TLGN/WHT

Top Color: Royal Blue
Grooves: Black
Code: 2TROY/BLK

Top Color: Royal Blue
Grooves: White
Code: 2TROY/WHT

Top Color: Red
Grooves: Black
Code: 2TRED/BLK

Top Color: Red
Grooves: White
Code: 2TRED/WHT



Top Color: Yellow
Grooves: White
Code: 2TYLW/WHT

Top Color: Pink
Grooves: White
Code: 2TPK/WHT

Top Color: Purple
Grooves: Yellow
Code: 2TPUR/YLW

Top Color: Black
Grooves: Light Gray
Code: 2TBLK/LGY

Top Color: Light Gray
Grooves: Black
Code: 2TLGY/BLK

Top Color: Light Gray
Grooves: White
Code: 2TLGY/WHT

Top Color: Light Gray
Grooves: Royal Blue
Code: 2TLGY/ROY

Step 4 - Select the Pattern

Patterns



FLAT - NO GROOVE
Available in all Standard colors
Code: F

CUT GROOVE
Available in all colors
Code: CG

CUT DIAMOND
Available in all colors
Code: CD

MOLDED DIAMOND
Available in Black & Dark Gray Only
Code: MD

WAFFLE CUT*
Available in all colors
Code: WC

*See page 252 for sheet size of Waffle Cut.

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HOW TO ORDER HYDRO-TURF SHEETS

Step 1 Code → **Step 2** Adhesive Type → **Step 3** Pattern → **Step 4** Color

GLUE DOWN EXAMPLE: SHT37-WC-2TBLK/WHT

PSA EXAMPLE: SHT37-PSA-WC-2TBLK/WHT

Step 1 - Select Code SHT 40 or SHT 37

SHT40 = Regular Color. Size of sheet 40" x 62"

SHT37 = 2-Tone Color. Size of sheet 37" x 58"

SHT47 = Regular Color, Size of sheet 47" x 86"

Step 2 - Select Glue Down or Pressure Sensitive Adhesive

Glue Down Type | **PSA Type**

Glue Down comes standard and no code is necessary.

Step 3 - Select the Pattern



FLAT - NO GROOVE
Available in Standard colors
Code: F



CUT GROOVE
Available in all colors
Code: CG



CUT DIAMOND
Available in all colors
Code: CD



MOLDED DIAMOND
Available in Black & Dark Gray Only
Code: MD



WAFFLE CUT*
Available in all colors
Code: WC

*Due to the manufacturing process for the Hydro-Turf Waffle Cut sheets they are supplied as two pieces.

The pieces supplied for single color sheet are:
Piece #1 40" x 48"
Piece #2 40" x 12"

The pieces supplied for 2 tone color sheet are:
Piece #1 37" x 47"
Piece #2 37" x 11"

Step 4 - Select the Color

Standard Colors



Color: Black
Code: BLK



Color: Deep Blue
Code: DB



Color: Light Blue
Code: LBL



Color: Royal Blue
Code: ROY



Color: Light Gray
Code: LGY



Color: Dark Gray
Code: DGY



Color: Pink
Code: PK



Color: Lime Green
Code: LGN



Color: Orange
Code: ONG



Color: Red
Code: RED



Color: Yellow
Code: YLW



Color: White
Code: WHT



Color: Black Marble
Code: BM



Color: Royal Marble
Code: RM



Color: Snow Camo
Code: SNCAM



Color: Blue Camo
Code: BLCAM



Color: Swamp Camo
Code: SWCAM



Color: Purple Marble
Code: PM



Color: Yellow Camo
Code: YWCAM

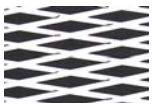


Color: Green Camo
Code: GNCAM

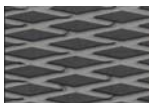


Color: Tan Camo
Code: TNCAM

2-Tone Colors



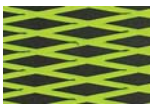
Top Color: Black
Grooves: White
Code: 2TBLK/WHT



Top Color: Black
Grooves: Dark Gray
Code: 2TBLK/DGY



Top Color: Black
Grooves: Orange
Code: 2TBLK/ONG



Top Color: Black
Grooves: Lime Green
Code: 2TBLK/LGN



Top Color: Black
Grooves: Red
Code: 2TBLK/RED



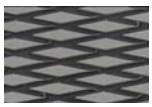
Top Color: Black
Grooves: Pink
Code: 2TBLK/PK



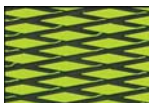
Top Color: Black
Grooves: Royal Blue
Code: 2TBLK/ROY



Top Color: Black
Grooves: Yellow
Code: 2TBLK/YLW



Top Color: Dark Gray
Grooves: Black
Code: 2TDGY/BLK



Top Color: Lime Green
Grooves: Black
Code: 2TLGN/BLK



Top Color: Lime Green
Grooves: Black
Code: 2TLGN/WHT



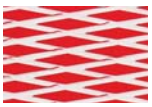
Top Color: Royal Blue
Grooves: Black
Code: 2TROY/BLK



Top Color: Royal Blue
Grooves: White
Code: 2TROY/WHT



Top Color: Red
Grooves: Black
Code: 2TRED/BLK

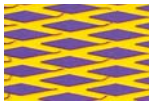


Top Color: Red
Grooves: White
Code: 2TRED/WHT

Top Color: Yellow
Grooves: White
Code: 2TYLW/WHT



Top Color: Pink
Grooves: White
Code: 2TPK/WHT



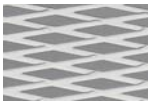
Top Color: Purple
Grooves: Yellow
Code: 2TPUR/YLW



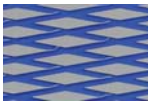
Top Color: Black
Grooves: Light Gray
Code: 2TBLK/LGY



Top Color: Light Gray
Grooves: Black
Code: 2TLGY/BLK



Top Color: Light Gray
Grooves: White
Code: 2TLGY/WHT



Top Color: Light Gray
Grooves: Royal Blue
Code: 2TLGY/ROY

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HYDRO-TURF

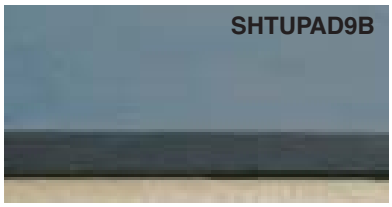






HYDRO-TURF (GRAY) UNDERPAD

Size	Description	Color	Part Number
39” x 19”	Underpad 5mm	Gray	SHTUPAD5R
39” x 78”	Underpad 5mm ***Large Sheet***	Gray	SHTUPAD5
39” x 19”	Underpad 8mm	Gray	SHTUPAD8R
39” x 78”	Underpad 8mm ***Large Sheet***	Gray	SHTUPAD8
39” x 19”	Underpad 25mm	Gray	SHTUPAD25R

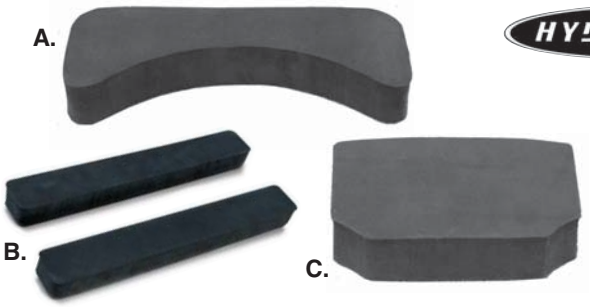






HYDRO-TURF PLUSH (BLACK) UNDERPAD

Size	Description	Color	Part Number
48” x 17.5”	Underpad 9mm	Black	SHTUPAD9B
48” x 88”	Underpad 9mm ***Large Sheet***	Black	SHTUPAD9
48” x 17.5”	Underpad 18mm	Black	SHTUPAD18B
48” x 88”	Underpad 18mm ***Large Sheet***	Black	SHTUPAD18B-1
48” x 17.5”	Underpad 26mm	Black	SHTUPAD26B



HYDROTURF HANDLE POLE SHOCK PADS

Protects engine hood from damage when handlepole is dropped.
Color: Black only

Description	Part No.
A. Kawasaki 750SX/SXI/800SXR (1)	TS401
B. Kawasaki JS440/550 (2)	TS411
C. Yamaha Super Jet (1)	TS421



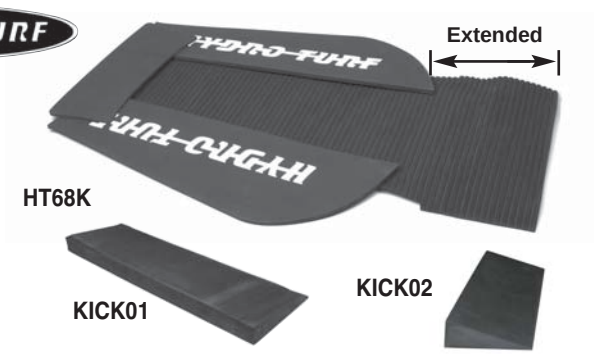
TS43



SIDE LIFTER WEDGE

For a quick and semi-permanent advantage. Great when used for racers & beginner freestylers. Provides the “wedge” you need.
Color: Black Only

Description	Part. No.
2” x13” Black x 2 pieces	TS43
2.5” x 24” Black x 2 pieces	TS44



HYDRO-TURF KICK TAIL

Add a kick tail to your watercraft 1” or 2” wedge. If installed under the traction mats, some models of watercraft may require an extended mat.

Description	Part No.
Kick Tail 5.5” x 17” x 1” Tall	KICK01
Kawasaki 800 SX-R Mat with 1” Kick Tail	HT68K-BLK
Kick Tail 5.5” x 17” x 2” Tall	KICK02





HYDRO-TURF TRACTION STRIPS

Description	Part No.
2”x15” Traction Strips 8 pieces per package	TS02
4”x15” Traction Strips 4 pieces per package	TS04

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HYDRO-TURF SPECIAL MATS FOR KAWASAKI 750 & 800



HT67F*



HT68BF*



HT68RC*

*All special mats only available in black.

These mats are produced using the "Cut Groove" material.

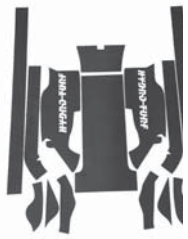
Kawasaki	Part No.
750SXI Mats for use with "Digger" Footholds	HT67F*
800 SXR Mats for use with "Kicker" Footholds and Blowsion Rail Caps	HT68BF*
800 SXR Mats for use with "Klowners" Footwells and Blowsion Rail Caps	04-02-023*
800 SXR Mats with 1" kick tail for use with Blowsion Rail Caps	HT68RC*
Blowsion Composite Rail Caps	KASRUP402

These mats are not available with "PSA" 3M adhesive.

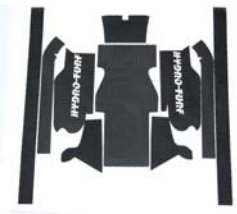
HYDRO-TURF SPECIAL MATS FOR YAMAHA SUPER JET



HT751F*



HT751FD*



HT751BF*

*All special mats only available in black.

These mats are produced using the "Cut Groove" material.

Yamaha	Part No.
Super Jet (96-11) Mats for use with Wamilton Footholds	HT751F*
Super Jet (96-11) Mats for use with Blowsion "Digger" Footholds	HT751FD*
Super Jet (96-11) Mats for use with Blowsion "Kicker" Footholds	HT751BF*
Super Jet (96-11) Mats for use with Blowsion "Klowners" Footwells	04-02-077*
Bumper Rail Strips/Mats for (all stand up models)	TS50-BLK

These mats are not available with "PSA" 3M adhesive.



BLOWSION DIGGER FOOTWELLS

Considered a must have modification for any surf or freerider. The Digger features a recessed "notch" at the back of each footwell to allow rider to wedge foot during tail stands & surf recoveries. For HT67F & HT751FD.

Description	Part No.
Dawson Diggers	05-03-004
Superjet (96-08) Mats for use with Blowsion "Digger" Footholds	HT751FD
750SXI Mats for use with Blowsion "Digger" Footholds	HT67F



WAMILTON "RICKTER" FOOTWELLS

A must have for surf riding. These Wamilton fiberglass footwells work with Hydro Turf SuperJet freestyle mats. For HT751F.

Description	Part No.
Superjet Rickter Footwells	FHWAM
RRP Foothold Inserts	RICKTER-FT-HOLD
Superjet (96-08) Mats for use with Wamilton "Rickter" Footwells	HT751F



BLOWSION LUSTIC KICKER FOOTWELLS

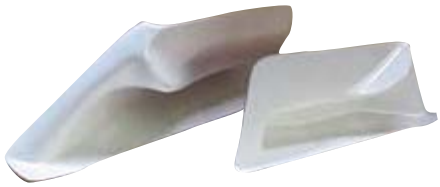
Designed especially for all years Super Jet and the 800 SXR, these beauties have been used exclusively by Josh Lustic on his Blowsion prepared Factory Pro Kawi SXR 800. These custom molded fiberglass insets provide the room in the tray of your ski for lock down aerials. For HT68BT & HT751BF.

Description	Part No.
Lustic Footwell	05-03-005
800 SXR Mats for use with "Kicker" Footholds & Blowsion Rail Caps	HT68BF
Superjet (96-08) Mats for use with Blowsion "Kicker" Footholds	HT751BF

BLOWSION FOOTWELLS MAC MASHERS

No cutting of the wide SXR tray required. Design in conjunction with pro Kawasaki rider Chris MacClugage and Darren Hedlund. Experience the feel of a standard footwell cut out without having to notch out your SXR tray. 100% race legal.

Description	Part No.
Mac Footwell	05-03-006



BLOWSION FOOTWELLS KLOWNERS

Designed especially for the rider who needs MAX room in the tray. These hand-laid, molded fiberglass insets provide extended room in the tray of your ski to position your feet. Comfortably sized for large to very large feet, the Klowner footwells contour to your ankle and also feature a gentle protrusion over the top of your foot for better locking power. Built with safety and performance in mind, the Klowner footwells will keep you in your ski while inverted, and also easily let you go when you feel like you're going to need a hurried dismount to avoid facial impact on fiberglass.

Description	Part No.
Klowners Footwell	05-03-007
Super Jet (96-11) Mats for use with Blowsion "Klowners" Footwells	04-02-077
800 SXR Mats for use with "Klowners" Footwells & Blowsion Rail Caps	04-02-023

05-03-006



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HOT PRODUCTS YAMAHA ALUMINUM NOSE BUSHING

Yamaha	Part No.
Silver	57-6310
Black	57-6312
Blue	57-6314
Red	57-6316



HOT PRODUCTS KAWASAKI ALUMINUM NOSE BUSHING

Kawasaki	Part No.
Silver	57-6270
Black	57-6272
Blue	57-6274
Red	57-6276



Yamaha 57-6285 Kawasaki 57-6275

HOT PRODUCTS STAINLESS STEEL NOSE BUSHINGS

These stainless Steel nose bushings have been developed to prevent corrosion from salt water and the extra strength and durability will allow the bushings to last years longer than the aluminum bushings. Even the nose bushing nut is stainless steel.

Description	Part No.
Yamaha All	57-6285
Kawasaki 89+	57-6275



BLOWSION EXTENDED ALUMINUM NOSE BUSHING

Description	Part No.
Clear	04-03-058
Black	04-03-051



HOT PRODUCTS 1" EXTENDED LENGTH YAMAHA NOSE BUSHING

Yamaha	Part No.
Silver	57-6510
Black	57-6512
Blue	57-6514
Red	57-6516



SX-R RAIL CAPS

Newly re-tooled and now an even better fit! The composite crew at Blowsion has made new mold sets off of Blowsion's SXR Carbon Hull making these new generation SXR Rail Caps a PERFECT fit! A complex fitting piece now made with the best fit and features available. Get rid of those extremely slippery factory rubber black rails and go composite.

Description	Part No.
Blowsion SX-R Rail Cap	05-04-001
800 SXR Mats for use with "Kicker" Footholds and Blowsion Rail Caps	HT68BF
800 SXR Mats with 1" kick tail for use with Blowsion Rail Caps	HT68RC







AWD PRODUCTS QUICK LOOP

A flexible tow loop is required for all watercraft of IJSBA Race. Specially designed to meet IJSBA regulations.

Description	Color	Part No.
AWD Watercraft with "Tow Hook"	Black	QL-01B
AWD Watercraft with "Tow Hook"	Yellow	QL-01Y
AWD Watercraft with "Bow Eye"	Black	QL-02

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FRONT HOOD HOOKS (96+SJ)

Don't lose your hood again due to poor spring tension with the stock hooks. Our billet aluminum hooks won't tweak or budge in even the most extreme of conditions. Carbon grey anodized. Sold as a pair complete with stainless fasteners.

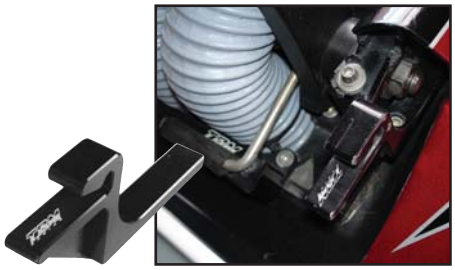
Description	Part No.
Superjet Hood Hooks, Black	04-04-105



FRONT HOOD HOOKS (SX-R)

Utilizing the many years of Super Jet Freestyle and surf quality hood hook design experience, these bulletproof SXR billet hood hooks allow for the ultimate abuse of your 2003 and newer SXR on the race course, river or in big surf.

Description	Part No.
SX-R Hood Hooks, Black	04-04-101



SX-R BILLET HOOD HOOKS

A direct replacement for the weak OEM SX-R 800 hood latches that bend and commonly fail, these hood latches are manufactured from 6061 billet aluminum. TBM eliminated all stress risers to ensure latches will stand up to the most extreme riding conditions eliminating the chance of a failure that can lead to the hood coming loose.

Description	Part No.
Billet Hood Hooks, Black	TBM109



ADA RACING HOOD HOOKS FOR YAMAHA SUPERJET

Billet hood hooks for the Yamaha Super Jet designed by freestyle guru Jeremy Parr. Instead of the hood sliding forward into the hooks, these face forward so the the hood comes back into them holding the hood from coming backward.

Description	Color	Part No.
Hood Hook	Silver	34-660190
Hood Hook	Black	34-660100
Hood Hook	Blue	34-660110
Hood Hook	Red	34-660120



BILLET HOOD LATCH

Recently updated and re-machined to also fit the Kawasaki SXR800, SXI Pro all Yamaha Superjet and FX1.

Description	Part No.
Hood Latch Black	04-04-001
Hood Latch Green	04-04-004
Hood Latch Red	04-04-007
Hood Latch Clear	04-04-008



BLOWSION STAINLESS HOOD LATCH ASSEMBLY

Fits all 650/750/800/X2 Kawasaki. May also be used to retro-fit all years Yamaha Superjet and FX1. Comes complete with latch assembly and hood clip. 100% polished stainless. Trick and functional. Why incur the factory OEM replacement expense?

Description	Part No.
Blowsion Stainless Hood Latch	04-04-030



BRAP STRAP

Strap and secure your hood to avoid accidental dislodging during freestyle and freeride maneuvers. Replaces stock latch assembly. All mounting hardware included. A must for extreme ocean and big wave riders. "Cinchable" strap tension means you pre-load strap holding power. Fits all SJ, SXR800, FX1,750sxi and Octane. EJ-Pam 2008 approved!

Description	Part No.
Blowsion Brap Strap	04-04-310



STORAGE COMPARTMENT & SEAT LATCH ASSEMBLY FOR SEA-DOO

Economy replacement of plastic latch assembly used in most Sea-Doo watercraft.

Description	Part. No.
Seat Latch Assembly (OEM # 269-00-016)	011-800
Front Compartment Latch RX, RXDI, GTI LE, GTI XP 03-04 (OEM # 269-501-125)	011-805



2012 Hot Products
IJSBA World Finals
in Lake Havasu City, Arizona

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SXR HAND HOLD KIT MID MOUNT

SXR Mid Mount drop-in hand holds for stock hoods.
*Left side mount will not fit with Factory Dry Pipe

Part No.	05-04-213



SXR HAND HOLD KIT STANDARD MOUNT

SXR forward Mount drop-in hand holds for stock hoods.

Part No.	05-04-214



SJ96+ HAND HOLD KIT MID MOUNT

Super Jet 96+ Mid mount drop-in hand holds for stock hoods.

Part No.	05-04-271



HAND HOLD KIT "Q" HOLD MOUNT

Universal mount drop-in hand holds are easily located on any flat surface.

Part No.	05-04-203



WATCON YAMAHA SUPERJET & OCTANE HOOD SEAL

Replace your hood seal with our updated version. The self adhesive seal is much thicker and wider, which keeps the hood intact during the wide-open surf rides and big wave action. We supply appx. 110" of material, as this is enough for a 1994-2013 Superjet & 2002-2004 Polaris Octane. This material may also be used in other applications.

Description	Part. No.
Superjet Octane Hood Seal	OCT-HS



HYDRO-TURF HOOD SEALS

Quality replacement foam hood seal gasket by Hydro-Turf. 106 inches long.

Description	Part. No.
Kawasaki JS300 (86-88), JS440 (77-92), JS550 (82-89), JS550SX (90-95), Yamaha SuperJet	TS56



KAWASAKI OEM 800 SX-R HOOD AIR INTAKE BLOCK-OFF KIT

The easy solution to water slamming its way into your OEM SXR hood. This trick block-off kit will allow you to stop ingression of water into the engine compartment, thus limiting the damage caused by racing in rough conditions, wave jumping, submarines, etc. Trick and simple!

Description	Part No.
800 SX-R Intake Block-Off	04-04-401



R&D SPACE MAKER HOOD INSERT FOR YAMAHA SUPERJET

This insert allows you to remove a portion of the stock hood inner liner and foam, replacing it with the Space Maker Hood Insert creating the extra clearance needed to run the SuperJet Dry Pipe.

Description	Part. No.
Yamaha SuperJet	652-70110



HOOD BAFFLE INSERT FOR FACTORY PIPE 800 SX-R

Use this composite drop in baffle insert to cover the area removed during installation of the factory pipe dry pipe for Kawasaki 800SXR.

Description	Part. No.
Hood Insert 800 SX-R	05-02-108

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BLOWSION KUSTOM DESIGN



BLOWSION LOW PROFILE BILLET YAMAHA FUEL CAPS

Yamaha	Part No.
Low Profile Black	04-03-151
Low Profile Blue	04-03-152
Low Profile Green	04-03-154
Low Profile Orange	04-03-155
Low Profile Red	04-03-157
Low Profile Clear	04-03-158

BLOWSION BILLET KAWASAKI FUEL CAPS

Kawasaki	Part No.
Black	04-03-101
Blue	04-03-102
Green	04-03-104
Orange	04-03-105
Red	04-03-107
Clear	04-03-108

TBM RACING



TBM RACING BILLET YAMAHA GAS CAP

Yamaha	Part No.
Black	TBM105-Y-BLK
Blue	TBM105-Y-BLU



TBM RACING BILLET KAWASAKI GAS CAP

Kawasaki	Part No.
Black	TBM105-B
Green	TBM105-G
Red	TBM105-R

ADA RACING



ADA RACING BILLET YAMAHA GAS CAP

Yamaha	Part No.
Silver	34-451090
Black	34-451000
Blue	34-451010
Red	34-451020



ADA RACING BILLET KAWASAKI GAS CAP

Kawasaki	Part No.
Silver	31-451090
Black	31-451000
Blue	31-451010
Green	31-451035
Red	31-451020

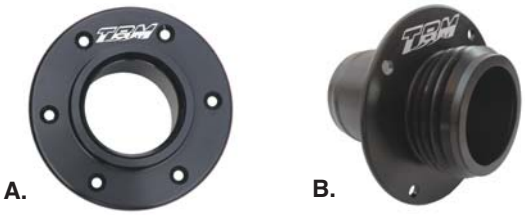
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ADA RACING BILLET FUEL CAP SOCKET

Billet aluminum fuel cap socket for the Yamaha Super Jet, WaveBlaster, & Wave Raider or Kawasaki 800 SX-R, 12/15F, STX-R, 1100ZXI & 900 STX. Works with the stock plastic or aftermarket billet gas caps. Includes attached chain.

Description	Color	Part No.
Yamaha Fuel Socket	Black	34-450100
Yamaha Fuel Socket	Silver	34-450190
Kawasaki Fuel Socket	Black	31-450100
Kawasaki Fuel Socket	Silver	31-450190



TBM RACING BILLET FUEL FILLER NECK

Description	Part No.
A. Yamaha Fuel Filler Neck	TBM105-YFN
B. Kawasaki Fuel Filler Neck	TBM105-KFN



BILLET EXHAUST NOZZLE FOR YAMAHA SJ96+

Yamaha SJ96+	Part No.
Black	04-03-251
Blue	04-03-252
Green	04-03-254
Orange	04-03-255
Red	04-03-257
Clear	04-03-258



BLOWSION BILLET EXHAUST NOZZLE FOR 800 SXR

Kawasaki 800 SXR	Part No.
Black	04-03-201
Blue	04-03-202
Green	04-03-204
Orange	04-03-205
Red	04-03-207
Clear	04-03-208



RIVA BILLET CHOKE KNOB

Yamaha	Part No.
RIVA Racing Billet Choke Knob Silver	RY843P



TBM RACING BILLET EXHAUST FLANGE

Kawasaki	Part No.
Billet Exhaust Flange Black	TBM110
Billet Exhaust Flange Silver	TBM110-P

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Jettribe

PREMIUM PWC COVERS



Internal Identification Tag



Waterproof Dobby Nylon with 3 Layers of PVC Coating Underneath



Zippered Gas Flap Opening on Most Models



Fat Adjustable Shock Cords are Sewn in Full Length on of the Cover





Reinforced Nose Pin Openings



2" Tie Downs with Buckles

***Sitdown Jet Tribe PWC Covers have 4 Tie Down Points**

***Stand Up Jet Tribe PWC Covers have 3 Tie Down Points**

Tie Down end has a "Loop N Draw" System for a Tight Secure Fit





Upper/Lower Bow Area is Reinforced with PVC Abrasion Resistant Material









KAWASAKI	Part No.
ZXI 750 & 900 (95-97), ZXI 1100 (96-03)	KWS05001
SS750 (92-97), SSXI (93-99) Super Sport	KWS05005
ULTRA 150 (99-05), ULTRA 130DI (01-05)	KWS05007
900 STX (01-05), 1100 STX DI (02-03)	KWS05009
1100 STX (00-05), 1200 STX-R (02-04), STX-12F (03-04)	
ST 750 (90-95), STS 750 (95-97), 750 STX (98), 900 STX (97-98)	KWS05010
STX-15F (04-09), STX-12F (05-09), STX-BASE (09-12)	KWS05011
X2 650 (86-95)	KWS05012
STX 900 (99-00), STX 1100 (97-99), STS 900 (01-02)	KWS05014
300 (86-88), 440 (77-92), 550 (82-91), 550 SX (90-95)	KWS05002
ULTRA 250X/LX (07-10), ULTRA 260 X, ULTRA 260 LX (09-10) "Cruiser Seat", 300X, LX (11-12)	KWS05018
750 SX (92-95), 750 SXI (95,96,00), 750 SXI PRO (98-01)	KWS05003
800 SX-R (03-12)	KWS05008

HONDA	Part No.
Aquatrax R-12X (03-11)	HDA02001
Aquatrax F12/F12X (02-11)	HDA02002
Aquatrax F12/F12X GP SCAPE (08)	HDA02002
Aquatrax F15X GP SCAPE (09-11)	HDA02006

HYDROSPACE	Part No.
Hydrospace S4 (05-11)	HSR07001

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Jettribe

PREMIUM PWC COVERS

SEA-DOO	Part No.
GTX 96-02), GTX DI (00-01), GTX RFI (97-02), GTI (97-00), GTX-LTD (96-01)	SDO03014
XP 650 (93-96), SPX (96-99), SP (93-99)	SDO03006
XP (97-02), XP DI (03-04)	SDO03003
GSX (96-01), GSX LTD (96-01), GSI (96-01), GSX RFI (99-00)	SDO03004
RX (00-02), RX DI (00-03), RXX (01)	SDO03005
RXP (05-07), RXP-X (04-11)	SDO03010
LRV (99-03), LRV DI (99-03), 4 Seater	SDO03011
HX (95-97)	SDO03012
GTI (01-05), GTS (01-05), GTI LE RFI (01-05) GTI RFI (01-05), GTRI LE (01-05)	SDO03015
GT (90-91), GTS (93-00), GTI (96), GTX (93-95)	SDO03016
3-D, 3-D DI (04-08)	SDO03017
GTX-LTD (04-08), GTX DI (02-03), GTX 4-TEC Supercharged (03-06), RXT (05-09), RXT-X 255 (08-10), GTX 4-TEC (02-06), GTX Wake Board Edition (04-09), GTX (07-08) GTX Wake (07-08), GTX Wake, Wake PRO 215, 155 (08-10)	SDO03018
GTI (06-10), GTI SE 130, 155 (06-10)	SDO03019
GTX-LTD IS / RXT IS 260 (09-12) RXT-X aS 260 (10-11)	SDO03021
RXT-X 260, RXT 260 (11-12), Wake 155 (11-12), Wake Pro 215 (10-12), GTX 155 & 255 (09-12) non iS model/ no suspension, GTS 130, GTI 130, GTI SE, GTI Ltd 155 (11-12)	SDO03022
GTR 215 (2012)	SDO03023
RXP-X 260 (2012)	SDO03024

YAMAHA WAVE RUNNER	Part No.
GP 1200R (00-02), GP1300R (03-08), GP 800R (01-05)	YMH04001
GP 1200 (97-99), GP 760-800 (97-00)	YMH04002
XL 700 (99-03), XL 760 (98-99), XL 1200 (98)	YMH04006
Wave Blaster I 700 (93-96)	YMH04007
SUV 1200 (99-03)	YMH04008
WAVE RUNNER XL 1200 LTD (99-00), XL 800 (00-01), XLT 1200 (01-04), XLT 800 (02-04)	YMH04011
Wave Runner FX 140 (02-05)	YMH04012
Wave Runner FX Cruiser (03-06)	YMH04013
Wave Venture 700 (95-98), 760 (97), 1100 (96-97)	YMH04014
Wave Blaster II 760 (96-97)	YMH04015
Wave Raider 700 & Deluxe (94-97), 760 (96), 1100 (95-96)	YMH04016
FX-HO (06-11), FX-HO Cruiser (06-11) FX SHO (08-11), FX SHO Cruiser (08-11)	YMH04019
VX 110 Deluxe & Standard (05-11), VX Sport (09-12), VX (09-12) Non-Cruiser	YMH04020
FZS/FZR (09-12)	YMH04022
VXS (10-12), VXR (10-12), VX Cruiser (10-12) VX Sport (10-12), VX Delux (10-12)	YMH04023
FX-HO (12), FX-HO Cruiser (12), FX SHO (12) FX SHO Cruiser (12)	YMH04024

YAMAHA STAND UP	Part No.
Super Jet 700 (96-13)	YMH04003
Super Jet 650 (90-03), Super Jet 700 (94-95)	YMH04009







57-7032
Flame Design

HYDRO-TURF SPLASH GUARDS

Description	Part No.
Hydro-Turf Splash Guard (5.5" x 40") Rivets Included	57-7035

JETTRIM SPLASH GUARDS

Description	Part No.
Small · 52" Length For two seat PWC	57-7029
Large · 60" Length For three seat PWC	57-7030
Large · 58" Length *FLAME DESIGN* For three seat PWC	57-7032





TBM RACE BUMPERS

Introducing the easiest way to enhance the handling of your SX-R simply by replacing your stock bumper with our adhesive backed bumpers. These eliminate the need for rivets and narrows the bond flange increasing the lean angle of your ski. They also enhance the general appearance significantly.

Description	Part No.
800SXR	TBM117
STXR, 12F, 15F, ULTRA 250X/LX	TBM117-STXR/ULTRA
Hydrospace	TBM117-HS

Watercon.com

WATCON SIDE MOLDING BUMPER KIT

Description	Part No.
Stand-up Molding Kit	OCT-SM1
Runabout Molding Kit (28 ft long)	OCT-SM2

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HARDLINE products
SRP Enterprises, Inc.

Factory Matched Number Kits that resist fuel, fading and scratches.
UV coated for shine and protection from the sun.
Includes 4 sets of A-Z, 0-9.
Total of 146 decals. Size 3" letters.

Series 200

The original and still the most popular. Outline color shades into body color for that custom airbrushed look.

Blue & Black 123ABC BLBKG200	Yellow & Black 123ABC YEBKG200	Real Chrome & Black 123ABC CHBKG200
Red & Black 123ABC REBKG200	Yellow & Purple 123ABC YEPUG200	White & Black 123ABC WHBKG200
Burgundy & Black 123ABC RUBKG200	Yellow & Red 123ABC YEREG200	Silver & Black 123ABC SIBKG200

Series 300

The first and still the best Factory Matched Carbon Fiber look made.

Brown & Black ABC123 BRBKG300	Blue & Black ABC123 BLBKG300	Real Chrome & Black ABC123 CHBKG300
Forest Green & Black ABC123 TEBKG300	Red & Black ABC123 REBKG300	White & Black ABC123 WHBKG300
Silver & Black ABC123 SIBKG300	Yellow & Black ABC123 YEBKG300	Burgundy & Black ABC123 RUBKG300

Series 320

Solid body with no shading and a contrasting outline with drop shadow in our popular block font.

Black & Silver ABC123 BLKSI320	Brown & Black ABC123 BRBLK320	Real Gold Glitter & Black ABC123 GOSPK320
Orange Red & Black ABC123 ROBLK320	Red & Black ABC123 REBLK320	Sea Foam Green & Black ABC123 SFBLK320
Silver & Black ABC123 SIBLK320	Real Silver Glitter & Black ABC123 SISPK320	Green & Black ABC123 TEBLK320

Series 305 EC

Same font as our series 320 except no outline. Solid body color.

Solid Black ABC123 BLK350EC	Solid Red ABC123 RED350EC
Solid Teal ABC123 GRN350EC	Solid White ABC123 WHI350EC

Series 200 EC

Economical one color kits with great style and solid color.

Solid Black 123ABC BLK200EC
Solid White 123ABC WHI200EC

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AQUA Performance



AQUA PERFORMANCE "AQUA STEPS"

The spring-loaded stainless steel step stays in the upward position until needed for added safety benefits. The step features a soft marine foam covering for your non-slip protection and grip. It comes completely assembled with all stainless steel hardware.

Yamaha	Part No.
FX140, HO	Not Available
Wave Blaster (93-95) Wave Raider 701 (94)	1077Y-BLK
Wave Raider 701, 1100 (95)	1100YD-BLK
Wave Raider 701, 760, 1100 & STS (96-98)	1100WWD-BLK
Wave Runner III 650 (90-95)	1077Y3D-BLK
Wave Runner LX, VXR, Pro VXR (all years)	1070XL-BLK
Wave Venture 701/760/1100 (96-00)	1070XL-BLK
XL701/760 (98-03)	1070XL-BLK
XL800, XLT800 (00-03)	1072XL-BLK
XL1200 (98)	1070XL-BLK
XL1200, XLT1200 (99-04)	1072XL-BLK
XL1200 LTD (99-01)	1072XL-BLK

Honda	Part No.
Aquatrax F-12, F-12X, R12X (02-04)	2002ATX-BLK

Polaris	Part No.
SLH (98-01)	1096SLTX-BLK
SLTH (98-00)	1096SLTX-BLK
SLTX (96-00)	1096SLTX-BLK
SLXH (98-00)	1096SLTX-BLK
Virage, TX, TXI, Freedom (00-04)	1096SLTX-BLK
SLT 700 (96-99)	1075PDT-BLK
SLT 750 (95)	1075PDT-BLK
Hurricane All	1075PDT-BLK

Sea-Doo	Part No.
GS (97-02) GSI (97)	1098GS-BLK
GSX (96-00)	1096GXD-BLK
GTI, GTI LE (96)	1095XPD-BLK
GTI/GTI LE (97-04)	1097GTX-BLK
GTI, RFI (05)	2005RFI-BLK
GTI, GTI SE, GTI 130 (96-08)	2006GTI-BLK
GTS (94-96)	1077GD-BLK
GTS (97-00)	1098GTS-BLK
GTS (01-02)	1097GTX-BLK
GTX (94-95)	1077GD-BLK
GTX (96-03)	1097GTX-BLK
HX (95-98)	1085HXD-BLK
RX, RXDI (00-03)	1098GTS-BLK
RXP, RXP 215 & 115, RXP-X 255, RXT (04-07)	2004RXP-BLK
RXT-X 255HP (08-10)	2008RXT-BLK
RXT-X 260 (10-11), RXT-X aS 260	2010RXTX-BLK
SP (88-93) SPI (88-93) SPX (92-93)	1077S3D-BLK
SP (96) SPI (96-98)	1096SXD-BLK
SP (97-98)	1098SP-BLK
SPX (96-00), XP/XP DI (96-04)	1096SPD-BLK
XP, XPDI (95)	1095XPD-BLK

Kawasaki	Part No.
ZXI 750/900/1100 All	1090KZD-BLK
900STS (01)	1097KTX-BLK
STX 750/900/1100 (96-00)	1097KTX-BLK



Sticker-On! Decal Application Fluid

No more bubbled on or wrinkled decals.

Sticker-Off! Decal Adhesive Remover

Removes messy sticker residue.

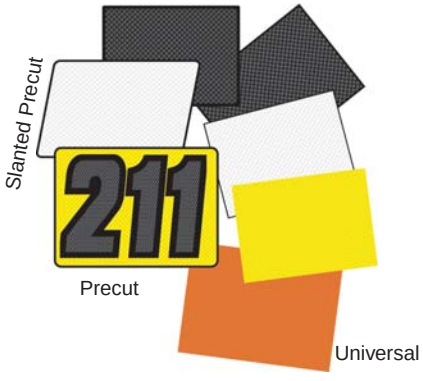
Description	Part No.
Sticker-On 2 oz.	964
Sticker-Off 2 oz.	965



RACING NUMBERS

3 per package. 8" Tall. Black color only.

Number	Part	Number	Part
#0	H1310	#5	H1315
#1	H1311	#6	H1316
#2	H1312	#7	H1317
#3	H1313	#8	H1318
#4	H1314	#9	H1319



CARBON FIBER NUMBER PLATE BACKGROUNDS

Add style to your number plate background and still be race legal. 3 backgrounds per package.

Style	Yellow	White	Orange
Precut	7248	7249	—
Slanted	8248	8246	8251
Universal	9248	—	9251

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FLOATING WRIST LANYARDS



A. Wrist Color B. Lanyard Clr	Black Black	Black Neon Red	Purple Yellow	Yellow Purple	Black Silver	Blue Black	Purple Green	Green Black	Black Orange	Red White
KPTW*	A2137	A2136	A2141	A2133	A2126	-	A2131	A2149	-	A2125
Yamaha	A8147	A8146	A8151	A8143	A8136	A8139	-	-	A8156	A8155
Sea-Doo	A7467	A7466	-	-	-	-	-	-	-	-

*KPTW stands for: KAWASAKI, POLARIS, TIGERSHARK, WET JET

ULTRA VEST FLOATING LANYARDS



Description	Black	Red	Yellow	Purple	Silver	Blue	Green	White	Orange	Pink
KPTW*	A2109	A2103	A2097	A2106	A2096	A2107	A2101	A2108	A2105	A2100
Yamaha	A8130	A8123	A8133	A8128	A8134	A8129	-	A8124	A8127	A8120
Sea-Doo	A7459	A7453	A7447	-	-	A7457	-	-	-	-

*KPTW stands for: KAWASAKI, POLARIS, TIGERSHARK, WET JET

PRO FLOATING WRIST LANYARDS





Description	Black	Red	Orange	Silver
KPTW	A2109-PFW	A2103-PFW	A2105-PFW	A2096-PFW
Yamaha	A8130-PFW	A8123-PFW	A8127-PFW	A8134-PFW

*KPTW stands for: KAWASAKI, POLARIS, TIGERSHARK, WET JET

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SEA-DOO DESS COMPATIBLE WRIST LANYARDS

Atlantis is proud to offer the only after market lanyards that are compatible with the Sea-Doo's DESS system. These lanyards fit all Sea-Doo watercrafts, Jet Boats, and Snowmobiles from 1996 to current (except '96 XP & GTI). Program with factory programmer.



A. Wrist Color B. Lanyard Color	Yellow Black	Orange White	Black Orange	Black Silver	Black White	Black Neon Yellow
Sea-Doo Dess	A7473-DSC	A7477-DSC	A7476-DSC	A7480-DSC	A7474-DSC	A7485-DSC



A. Wrist Color B. Lanyard Color	Black	Red	Yellow	Silver	Blue	Orange
Sea-Doo Dess	A7459-DES	A7453-DES	A7447-DES	A7445-DES	A7457-DES	A7455-DES



PERFORMANCE LANYARDS

Atlantis has created the "Performance" lanyard from the suggestions and feedback from Pro Racers, Freestylers, and Freeriders. This lanyard features the float tube at the rear point of the lanyard next to the vest clip. This location modification keeps the area around the key almost weightless and free of any extra objects that may come in contact with water during aggressive riding which sometimes causes the key to pull out unwillingly.

Description	Part No.
KPTW*	A2103P
Yamaha	A8123P

*KPTW stands for: KAWASAKI, POLARIS, TIGERSHARK, WET JET



SHOP LANYARDS

Not legal for riding. For shop testing only. These can easily be attached to your belt while working on all PWC and jet boats.

Description	Part No.
KPTW, Yamaha, Sea-Doo	A3240
KPTW, Yamaha, Sea-Doo DESS	A3250

*KPTW stands for: KAWASAKI, POLARIS, TIGERSHARK, WET JET



PRO FLOATING LANYARD WRIST BAND

Now available by itself, is our deluxe floating wristband made from marine grade webbing, neoprene, and Velcro. It attaches easily to any clip lanyard and gives the rider a sense of security he has been looking for.

Description	Black	Red	Yellow	Purple	Silver
Wristband	A2070	A2072	A2074	A2071	A2077



CLIP ON SAFETY WHISTLE

Description	Black	Red	Yellow
Clip On Whistle	A2700C	A2701C	A2706C

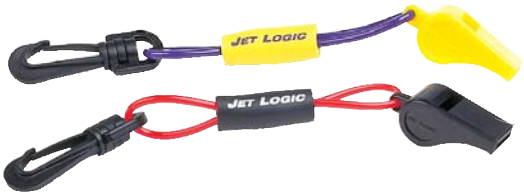
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JET LOGIC ULTIMATE PWC SAFETY LANYARDS

The Ultimate PWC safety lanyard has it all! 3 keys to fit ALL brands: Sea-Doo, Yamaha, Kawasaki, Polaris, Tiger Shark and Wet Jet.
**Excluding the Sea-Doo DESS System.*

Description	Part No.
Yellow/Purple	UL-1
Black/Red	UL-2
Blue/Silver	UL-3



JET LOGIC SAFETY WHISTLE ON FLOATING LANYARD

An audible signal device is required on boats and personal watercraft in most states. A high pitch pealess whistle is a good choice. Clip it onto your life jacket or safety lanyard. Doubles as a floating key chain!

Description	Color	Part No.
Jet Logic Safety Whistle	Purple/Yellow	W-1
Jet Logic Safety Whistle	Red/Black	W-2



ECONOMY WRIST LANYARDS

Economy price lanyards.
ForSea-Doo (Non-DESS) only.

Description	Part No.
Sea-Doo Wrist Lanyard Purple/Green	WJ7094PU
Sea-Doo Wrist Lanyard Green/Purple	WJ7094GR
Sea-Doo Wrist Lanyard Blue/Green	WJ7094B





GOGGLE GRIP

- Aligns riders preferred goggle strap positioning on helmet
- Prevents strap from shifting or slipping off helmet
- Lift and Hold feature secures goggles under visor between rides
- Simply pinch and lift strap for easy removal
- Low-profile, concave design matches curvature of helmet
- Transparent VHB™ Peel & Stick application with alcohol prep pad

Description	Color	Part No.
Goggle Grip	Clear	70-4040
Goggle Grip	Black	70-4041
Goggle Grip	Silver	70-4042
Goggle Grip	Tint	70-4044

**Pink is back paper of adhesive. It does not show on actual products.*



JETTRIBE GOGGLE DISPLAY STAND

Description	Part No.
Jettribe Goggle Display Stand	JTA11324*

Goggles not included

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Jettribe


JTA071301


JTA071303


JTA071304


JTA071305


JTA11301


JTA11302


JTA11303


JTA11311


JTA12301


JTA12302


JTA12303

JETTRIBE CLASSIC GOGGLES

Frame	Lens	Part No.
Red	Smoke	JTA071301
Blue	Smoke	JTA071303
Black	Amber	JTA071304
Black	Smoke	JTA071305
White	Smoke	JTA11301
Snow Camo	Smoke	JTA11302
Houndstooth	Smoke	JTA11303
Green	Smoke	JTA11311
Star Print	Smoke	JTA12301
Swirl	Smoke	JTA12302
Turquoise Print	Smoke	JTA12303


JTA11304


JTA11305


JTA12304


JTA12305

JETTRIBE EXPERT GOGGLES

Frame	Lens	Part No.
Carbon Fiber Look	Smoke	JTA11304
Gun Metal	Smoke	JTA11305
Skull Print	Smoke	JTA12304
Swirl Print	Smoke	JTA12305


JTA091301


JTA11312


JTA11313


JTA11314

JETTRIBE PRO GOGGLES

Frame	Lens	Part No.
Black Fade	Revo	JTA091301
Navy Fade	Revo	JTA11312
Red Fade	Revo	JTA11313
Green Fade	Revo	JTA11314


JTA11321


JTA11322

JETTRIBE HELMET GOGGLES

Frame	Lens	Part No.
Carbon Fiber Look	Revo	JTA11321
Clear	Revo	JTA11322

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Bomber FLOATING EYEWEAR



BUTTER BOMBS

Frame	Lens	Part No.
Matte Black	Smoke Polarized	BT111
Matte Tortoise	Brown Polarized	BT112
Glossy White	Smoke Polarized	BT113



NITRO BOMBS

Frame	Lens	Part No.
Matte Black	Smoke Polarized	NP101
Matte Tortoise	Brown Polarized	NP102
Glossy White	Smoke Polarized	NP105



NITRO2 BOMBS

Frame	Lens	Part No.
Matte Black	Smoke Polarized	N2111
Matte Tortoise	Brown Polarized	N2112
Glossy White	Smoke Polarized	N2113

BOMBER FLOATING EYEWEAR

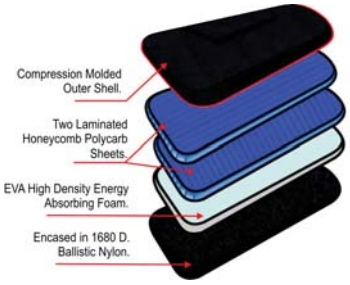


GOMER BOMBS

Frame	Lens	Part No.
Matte Black	Smoke Polycarbonate	GM101
Matte Black	Blue Mirror Polycarbonate	GM101BM
Matte Tortoise	Yellow Mirror Polycarbonate	GM102YM
Glossy White	Blue Mirror Polycarbonate	GM103BM
Matte Black	Smoke Polarized	GM111
Matte Tortoise	Brown Polarized	GM112
Glossy White	Smoke Polarized	GM113



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JETTRIBE LEG DEFLECTORS SET

- Lightweight, thanks to the neoprene and air mesh materials
- Built-in water drain holes keep water from bogging it down
- Reactive Leg Shield's front and side impact panels are made of 5 layers of energy dissipating materials
- Compression molded outer shell
- Two laminated honeycomb polycarbonate sheets
- EVA high density energy absorbing foam
- Wrapped in 1680D ballistic nylon
- Designed for sit-down riding

Description	Part No.
Jettribe Leg Deflectors Set	JTG11418



JETTRIBE LEG DEFLECTOR RIDING GEAR

- Injection molded polycarbonate outer shell
- Two laminated layers of neoprene and air mesh sheet
- EVA high density energy absorbing foam
- Dual 38mm "D" rings and elastic webbing
- Designed for stand-up riding

Description	Part No.
Jettribe Leg Deflectors Riding Gear Set	JTG11419



LEG DEFLECTOR

Made with polycarbonate.
Made in Italy

Description	Part No.
Leg Deflector	1002RACE-02



LEG DEFLECTOR

Made in England

Description	Part No.
Leg Deflector	70-4012



ECONO TYPE BACK DEFLECTOR

Description	Part No.
Back Deflector (available in Black only)	70-4008



HYDRO-TURF BACK SUPPORT

Great for racing, recreational riding or just working around the house! Light weight. Will not absorb water. Available in Black only.

Description	Part No.
Black S: 24-30	B20-BLK-S
Black M: 29-36	B20-BLK-M
Black L: 35-42	B20-BLK-L
Black XL: 41-48	B20-BLK-XL



WRIST BRACE

- Ideal protection against wrist hyper extension
- Keeps wrist straight, channeling push/pull action directly to the PWC's handle bars
- Great support for riders recovering from wrist injuries
- Allows full wrist movement for thumb and throttle lever pull constructions
- Top protective layer of Rubber TPR
- Laminated with ultra high density EVA foam and air mesh for breathability

Description	Part No.
Wrist Brace	JTG11444



JETTRIBE G-FORCE RACE GLOVE

Size	Part No.
Small	JTG12436-S
Medium	JTG12436-M
Large	JTG12436-L
X-Large	JTG12436-XL



JTG12410-VR JTG12410-VB "Glove Palm"

JETTRIBE VERTIGO RACE GLOVE

Size	Color	Part No.
Small	Black/Red	JTG12410-VR-S
Medium	Black/Red	JTG12410-VR-M
Large	Black/Red	JTG12410-VR-L
X-Large	Black/Red	JTG12410-VR-XL
Small	Black/White	JTG12410-VB-S
Medium	Black/White	JTG12410-VB-M
Large	Black/White	JTG12410-VB-L
X-Large	Black/White	JTG12410-VB-XL



JETTRIBE "GECKO GRIP" RS-15 RACE BOOT

It took Jettribe two years to develop the Race Boot they are calling the Gecko Grip! A hybrid of wrestling split sole with 3 pivot points. But let's just say this might be the best boot released for the PWC rider as of yet, setting the standard for future gear.
Available in sizes: 7, 8, 9, 10, 11, 12, 13

Size	Part No.
Size 7	JTG091113-7
Size 8	JTG091113-8
Size 9	JTG091113-9
Size 10	JTG091113-10
Size 11	JTG091113-11
Size 12	JTG091113-12
Size 13	JTG091113-13

Jettribe

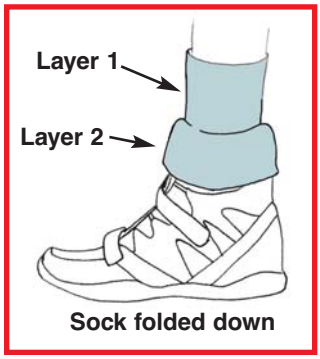




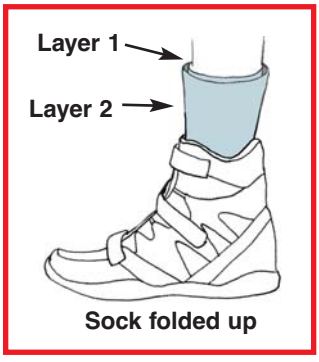


JETTRIBE RS-14 REC RIDER SHOE

Size	Part No.
Size 7	JTG10402-7
Size 8	JTG10402-8
Size 9	JTG10402-9
Size 10	JTG10402-10
Size 11	JTG10402-11
Size 12	JTG10402-12



Sock folded down



Sock folded up



JETTRIBE LYCRA BOOT SOCKS

The Jettribe Lycra Boot Socks are built for pwc riding and are a perfect match for the Jettribe RS-15 Race Boots. With their exclusive dual layer design, the Jettribe socks are made to keep the sand and gravel out of your boot. Jettribe Lycra Boot Socks help prevent chafing and blistering.

Size	Shoe Size	Part No.
X-Small/Small	5-7	JTG10401-XS/S
Medium/Large	8-10	JTG10401-M/L
X-Large/2X-Large	11-13	JTG10401-XL/XXL

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JETTRIBE MOTO TOUR JACKET

Made of extra-tough Sato 420D nylon with two coats of PU, and neoprene side panels for maximum flexibility. Mesh lining cuts down on irritation and heat loss. Also has removable zipped hoodie, adjustable vented top-center panels, and dual side neoprene pockets.





JETTRIBE MOTO TOUR JACKET BLACK

Size	Color	Part No.
Small	Black	JTG10405-S
Medium	Black	JTG10405-M
Large	Black	JTG10405-L
X-Large	Black	JTG10405-XL



JETTRIBE MOTO TOUR JACKET SKULL

Size	Part No.
Small	JTG11406-SL-S
Medium	JTG11406-SL-M
Large	JTG11406-SL-L
X-Large	JTG11406-SL-XL



JETTRIBE MOTO TOUR JACKET VERTIGO

Size	Part No.
Small	JTG11406-VB-S
Medium	JTG11406-VB-M
Large	JTG11406-VB-L
X-Large	JTG11406-VB-XL







JETTRIBE HEAVY DUTY HANGER

Description	Part No.
Heavy Duty Hanger	JTG10410

PRO RIDER WATERCRAFT MAGAZINE



Hot Products is proud to announce our partnership with Pro Rider Magazine to assist in the distribution and sale of Pro Rider magazines.

Pro Rider is published 6 times per year and Hot Products has a supply of each issue available for sale at a special price and the magazines can be shipped with your Hot products parts order.

Pro Rider Watercraft Magazine tells the stories of the personal watercraft industry from a core and revolutionary "pro rider" perspective. As the sport's premier U.S. publication, Pro Rider Watercraft Magazine celebrates the unique variety of talent that continues to preserve, represent, and evolve the personal watercraft action sports experience. Whether you are a competitor, industry leader, or weekend warrior, Pro Rider Watercraft Magazine offers fresh insight and personal perspectives on what's happening in the most exciting and extreme water sport on the planet.

The personal watercraft industry is constantly redefining itself as it continues to grow and prosper. Pro Rider Watercraft Magazine establishes itself as the essential source of information and inspiration for our sport.

Description	Part No.
Pro Rider Magazine	PRORIDER

New for 2013 Pro Rider Digital Subscriptions

Receive 6 issues that you can read online or download to your tablet, smartphone, or laptop.

Visit http://www.proridermag.com for complete information

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ATLANTIS ANCHOR BAG

Our newly redesigned bag anchor is strong as ever but with bright new colors, rope, float, and hook. Just fill with rocks and sand for your anchoring needs. Fits easily into any storage compartment.

Description	Part No.
Anchor Bag (regular)	A2381



ATLANTIS LARGE ANCHOR BAG

This new bag is twice as large as our standard bag. It has sewn-in handles for ease in moving and emptying. Designed for 3 & 4 passenger PWC or mini-jet boats.

Description	Part No.
Large Anchor Bag	A2394



PWC SAND ANCHOR & BUOY

A sand anchor is ideal for anchoring PWCs in shallow water to keep the impeller off the beach. Fill this super durable tri-laminate anchor bag with up to 35 pounds of rocks or sand. A buoy marks the anchor's location. Tie-ups are easy with the 6-foot long rope and the oversized finish-friendly acetyl snap hook.

Description	Part No.
Jet Logic Sand Anchor & Buoy	A-1



KWIK TEK COMPLETE FOLDING ANCHOR SYSTEM

3-1/3 Lb 4-fluke folding anchor and 25ft. long marine grade rope.

Description	Part No.
Complete Anchor System	A-2



ATLANTIS STAKE ANCHOR

Needing an easy way to keep your personal watercraft tied to a shore? Here it is, just screw the stake into the ground and you have 15' to tether your boat to shore. Easy to store and take with you.

Description	Part No.
Stake Anchor	A2384



GIANT SNAP HOOK

Perfect for attaching ski lines, dock lines, tow lines, or any rope up to 1/2 inch diameter.

Description	Part No.
Giant Snap Hook	SH-5



3" X 5" ROPE FLOAT

Need a way to mark an area? Need to float a rope for docking? Here is your answer, our easy to use rope floats. Fits up to a 1/2" diameter rope.

Description	Part No.
Red/White	A-1974
Blue/White	A-1975



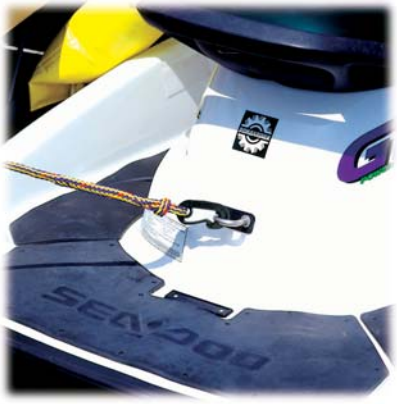


KWIK TEK 20" DIAMETER BUOY

The affordable alternative! These durable 20" diameter inflatable buoys are perfect for marking anchors, moorings, hazards, swimming areas, or for setting up a personal watercraft or sailboat race course. They deflate quickly and easily for space efficient storage.

Description	Part No.
Yellow Buoy 20"	B-20Y
Red Buoy 20"	B-20R

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PWC DOCK LINE

This dock line features a 10" loop on one end for securing a personal watercraft to dock cleats. The opposite end of the dock line features a strong plastic clip for easy connections or disconnection to the personal watercraft OEM hooks. The dock line total length is 7 feet. 2 dock lines per package.

Description	Part No.
PWC Dock Line	PWCP-2

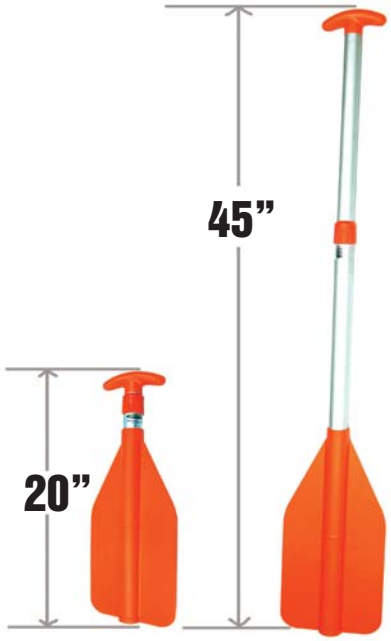




BUNGEE DOCK LINES

Airhead Bungee Dock Lines absorb shock to boats, cleats, pylons and other hardware. The bungee cord is hidden inside the rope and acts as a built-in snubber. Two foam floats protect the boat from chafing. 4 feet, stretches to 5-1/2 feet.

Description	Part No.
Bungee Dock Line	AHDL-4



TELESCOPING PADDLES

Lightweight paddles adjust easily to variable lengths with a simple twist. A section of the aluminum shaft disappears inside the blade for the ultimate in compact storage under boat seats or in PWC storage compartments. 20-45 inch long.

Description	Part No.
Telescoping Paddle	P-1



DOC ALLEN'S VERSATOOL

The Swiss Army Knife of Hand Tools!

• Lightweight • Compact
• Multi-Function • Stainless Steel
• Use in Tight Places

Description	Part No.
Compact Tool Set	VERSATOOL





HULL HUGR PWC FENDER

Docking a PWC has never been safer with the introduction of the HULL HUGR PWC Fender. Engineered specifically for PWCs, it hinges in the center to better protect PWC bodies from docks designed for bigger boats. It hooks under the rub rail with a molded acetyl hook integrated into the back of the fender. If your PWC has them, you'll want to connect the top of the fender to a cleat or ski eye with the adjustable strap and vinyl dipped steel hook provided. If not, simply thread the strap though the rubber block provided and place it inside the PWC's storage compartment, then shut it. The block anchors the fender strap perfectly and will not damage the body. We recommend 2 fenders per PWC. Fits all PWCs.

Description	Part No.
Hull Hugr PWC Fender	HH-P1B



RESCUE STREAMER DISTRESS SIGNAL

Patented Design Approved for U.S. Military & Coast Guard

This bright orange Streamer, visible from 1.3 miles away at 1,500 ft. altitude, leads Search and Rescue teams right to you. The patented high-strength polyethylene Streamer design, tested and used by the U.S. Military and Coast Guard, is marked with the international distress symbol. It features sealed air-filled struts that keep *RescueStreamer*™ afloat on water and open on land to pinpoint your exact location to rescuers. *RescueStreamers*™ start at the size of a cellular phone when stored and unroll in seconds! Always ready for use anywhere–land, water and snow. Does not require chemicals, batteries or electronics to signal continuously.

Description	Part No.
Rescue Streamer Distress Signal	RSDS-01

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DRY PAK CELL PHONE GPS MP3 CASE

Description	Part No.
Dry Pak Case	DP-46W



DELFINO MP-IPHONE DRY CASE

Specifically Designed for the I-Phone and I-Pod and can be used with a ear piece.

Description	Part No.
Delfino I-phone Dry Case	IPWP-001



DRY PAK MULTI-PURPOSE CASE

Description	Part No.
Dry Pak Case	DP-48W



DRY PAK GPS/PDA GAME PLAYER

Description	Part No.
GPS/PDA/Gameboy Dry Pak Case	DP-58



DRY PAK MULTI-PURPOSE CASE

Description	Part No.
Dry Pak Case	DPC-912



DRY PAK TABLET CASE FOR IPAD

Listen to Music or Movies with the Included Ear Phone Jack!

Description	Part No.
Dry Pak Tablet Case for IPad	DPT-912W



DRY PAK "ALLIGATOR WALLET"

Description	Part No.
Dry Pak Alligator Wallet	DP-44

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WB-1
WB-4
WB-7



WB-9



"DRY PAK" DRY BAGS

Versatile and durable, your gear will stay dry inside these round bottom dry bags, even in adverse conditions. Shut out water by rolling down the top a few times and snapping the side release buckles together. The yellow and blue bags are constructed of extra heavy-duty vinyl /polyester tri-laminate with RF-welded seams. It's quick and easy to find items inside the clear bags, made of durable waterproof 19 oz. vinyl with RF-welded seams.

Description	Color	Part No.
9.5" Diam. x 16"	Yellow	WB-1
11.5" Diam. x 19"	Yellow	WB-4
12.5" Diam. x 28"	Yellow	WB-7

Description	Color	Part No.
12.5" Diam. x 28"	Clear	WB-9

SPARK PLUG HOLDERS

Spark Plug Holder protects the electrode, maintaining the proper gap.

Description	Part No.
2 per blister pack	SPH-2
40 per countertop display	SPH-40

VIEWTAINER®
Made in the U.S.A







VIEWTAINER

Ideal to keep your registration papers safe & dry. They are great to carry small tools/supplies, etc.

Description		Part No.
2" x 6"	Red	CC26-RED
2" x 6"	Blue	CC26-BLU
2" x 6"	Green	CC26-GRN
2" x 6"	Orange	CC26-ONG
2" x 6"	Yellow	CC26-YLW
2" x 6"	Black	CC26-BLK

Description		Part No.
2.75" x 8"	Blue	CC27508-BLU
2.75" x 8"	Green	CC27508-GRN
2.75" x 8"	Yellow	CC27508-YLW
2.75" x 8"	Black	CC27508-BLK
2.75" x 8"	Orange	CC27508-ONG

HYDRO-TURF DRY BOX

Keep your registration papers and small tools/supplies dry and safe.
Actual product is black color only.

Description	Part No.
Dry Box 6" x 8.5"	BOX
Color is Black	



DRAWSTRING MESH BAG

Size 20" x 30"

Description	Part No.
Drawstring Mesh Bag	69-1003



2012 Hot Products IJSBA
World Finals in Lake Havasu City, Arizona

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HEAVY DUTY TUBE ROPE

This heavy tournament quality 3/8" 16-strand braided tow rope is rated at 2375 lbs. tensile strength for 1 and 2 riders. 60 feet.

Description	Part No.
Deluxe Tube Rope	AHTR-60



4000LB TUBE ROPE

This heavy duty 9/16" x 60ft. tube rope is rated at over 4375 lbs. tensile strength for 3 and 4 riders.

Description	Part No.
4000lb Tube Rope	AHTR-4000



6000LB TUBE ROPE

This super strength 16 strand, 7/8 inch x 60 foot tube tow rope is rated at 6,000 pounds tensile strength! It's the strongest tube rope your money can buy, and is engineered to pull 5 or more riders.

Description	Part No.
6000 lb Tube Rope	AHTR-6000



WAKEBOARD ROPE

This wakeboard rope has a head turning 15 in. "Squid" patterned EVA grip wrapped around a floating aluminum core. The 5/16 inch, 16 strand, UV treated low stretch rope has 3 sections for wakeboarding at 45, 55 or 65 feet. Full length finger guards help create a comfortable split finger grip. A Rope Keeper is included for tangle-free storage.

Description	Part No.
Wakeboard Rope	AHWR-3



20' TOW ROPE

This 20 ft. tow rope has a heavy-duty carabineer at each end. The 12" long "soft hook" doubles as a rope wrap for neat storage. The 3/8" diameter rope is purple/yellow/red.

Description	Part No.
20' Tow-Rope	TR-20



WATER TOY TOW ROPE

This top quality 16 strand, 3/8" tow rope is 50 feet long.

Description	Part No.
Water Toy Tow Rope	WTR-50



AIRHEAD LINE WINDER

No more tangled lines with this classic styled floating line winder! It's easy to wind and neatly stow away anchor lines, mooring lines, ski ropes and tube ropes. Get a few for the garage too. Organize your extension cords, wires, clotheslines and Christmas lights once and for all. It's constructed of high impact polypropylene for extra long service. Color: Red. Ropes not included.

Description	Part No.
Airhead Rope Winder	AHLW-1

AIRHEAD® KWIK-CONNECT™



Conveniently attach and detach tube tow ropes to towables with AIRHEAD's KWIK-CONNECT. There's no need to thread 60 feet of rope through the tow strap each time you connect or disconnect a tow rope. The high impact KWIK-CONNECT has a 1 inch diameter hole to accept up to 6,000 lb. break strength tube ropes. Recommended for 1 to 4 rider towables that are not equipped with Kwik-Connects.



Description	Part No.
Kwik-Connect	AHKC-1



AIRHEAD HEAVY DUTY TOW HARNESS

This heavy duty tow harness is perfect for pulling skiers, wake boarders and up to 4 rider towables. Simply clip it onto your boat with the 5,000-pound tensile strength hooks, and attach your ski or tube rope to the heavy duty Kwik-Connect. A 6" float keeps the Kwik-Connect floating on top, away from your propeller. 12 feet long to fit larger boats and pontoons. Yellow / Red.

Description	Part No.
Airhead Tow Harness	AHTH-2

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STIK-A-FLAG™ SKIER DOWN FLAG

The bright orange 420 denier nylon skier down flag is mounted to a 24" flag. PWC's with Kwik Tek's giant 3-1/4" suction cup. Required in AZ, CA, CO, ID, MO, NE, NM, OR, TX, UT & WA. Recommended everywhere for safety.

Description	Part No.
Skier Down Flag	SAF-1



IMPELLER PROTECTOR & KICK-BACK PROTECTOR

Specially designed for use on a personal watercraft, this Jet Logic protector reduces the possibility of the tow/ski rope of being sucked up inside the PWC's pump and impeller. This protector also protects PWC passengers from tow/ski rope kicking back when the rider falls.

Description	Part No.
24" long for PWC	IP-24



TRANSOM MOUNT SKI TOW HOOK

Our transom-mount ski tow is made from highly polished 304 stainless steel. A full stainless steel back plate distributes pressure evenly to prevent gel coat crazing. Tows are supplied with stainless steel nuts and star lock washers.

Description	Part No.
3/8" stock, 2-1/2" diam 4" legs, 2-1/2" transom	59-3437

AIRHEAD® 120 VOLT HI-PRESSURE AIR PUMP



You'll enjoy the performance of this 120 volt air pump. It inflates and deflates quickly and effectively. Peak pressure is 2.5 psi, plenty of pressure to get high end inflatable boats, rafts and reinforced backyard items nice and firm. You'll immediately notice how they perform better when properly inflated. A Pressure Release Valve is included to limit pressure to 1.4 psi for preventing over-inflating towables, pool toys and other vinyl and nylon covered inflatable items. The accordion-style hose locks onto the pump, eliminating annoying disconnection. Four universal valve fittings fit all popular valves and lock onto the hose. You'll love the screw-on Boston Valve adapter, an AIRHEAD exclusive. For added convenience, there's a carry handle and a 10 ft. long power cord. Draws 6.1 amps / 730 watts. Volume is 460 liters/minute.

Description	Part No.
Airhead Air Pump, 12 V	AHP-120HP

AIRHEAD® AIR PUMP, 12V



This high-volume (290 liters / minute) 12-volt portable air pump deflates towables, boats, pools, mattresses and beach toys quickly and effectively. Most pumps on the market, even those costing twice as much, don't put out this kind of air pressure and volume (9.6 cu.ft/min., .8 psi). The universal valve fittings fit all popular valves. For added convenience, the cigarette lighter plug is equipped with a 10 ft. long power cord.

Description	Part No.
Airhead Air Pump, 12 V	AHP-12H

AIRHEAD® DOUBLE ACTION PUMP

Perfect For Topping off Towables



This pump delivers a continuous stream of air on both the up and down strokes. It quickly inflates and deflates tubes, airbeds, boats, toys and other inflatables. Four universal valve fittings are included. The accordion-style hose stretches to 5 ft. long and interlocks to the pump, so that it doesn't fall off while you're pumping. Capacity is approximately 68 gallons / 60 strokes. Especially great for topping off towables, since peak pressure is 14 psi.

Description	Part No.
Airhead Double Action Pump	AHP-1

AIR DADDY™



AIR DADDY lets you get to the fun times more quickly! It allows you to inflate towables, swim toys, beach toys, inflatable boats, rafts, airbeds and sport balls with an air compressor at home or at a gas station. AIR DADDY is a universal adapter tapered to fit all valves found on inflatables, including all sizes of stem valves and Boston valves, Halkey-Roberts and Leafield valves. The screw-on tip creates a high-pressure stream of air, perfect for workshops and garages. Soccer ball or football low on air? Stop by a gas station and use AIR DADDY's needle valve! Both the needle valve and high-pressure tip stow securely in the handle.

Description	Part No.
Air Daddy	AHAD-1

MULTI-VALVE

Inflate with Speed & Flexibility



The Airhead Multi-Valve consists of 2 Boston Valves with different thread patterns on the bottom of the Shrader Valve. One of the Boston Valves will fit your inflatable. Use the Shrader Valve to inflate quickly at a gas station or marina. Or, screw off the Shrader Valve and inflate the Boston Valve with a low pressure/high volume pump.

Description	Part No.
Multi-Valve	AHMV-1

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extractor™ PWC RESCUE SLEDS

PRO MODEL RESCUE SLED

US Utility Patent 5,354,222 and other patents pending.

Used by top watermen and Rescue Professionals for over 20 years!



- Length: 63 inches (160cm) and 67 inches (170cm) with optional bumpers.
- Width: 37.50 inched +/- 0.50 inches (95.25cm +/-1.27cm)
- Thickness: 3.85 in. (10cm) at thickest point.
- Capacity: 397 lbs.(180 kg) or two adults.
- Weight: is approximately 42 lbs (19 kg) - sled dry weight, incudes molded plastic hull and deck pad.

Recommended for three-seat pwcs for all types of waterborne rescue operations or recreational activities, including tow-in surfing and spear fishing. This model has been the standard for rescue operations around the world.



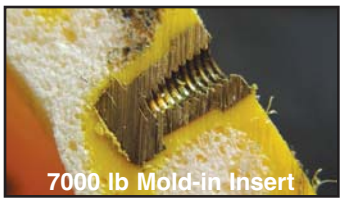


Tapered Tail

• The tail is tapered at 2.5 inches thick (6.75cm) so that the sled will not have too much flotation, and will sink a few inches under the water while the pwc is at idle. This feature in the Pro Model Sled allows rescue swimmers to easily place hypothermic or unconscious victims upon the sled deck from the water level without having to lift the victim up as one would have to do with a sled that has too much buoyancy. The Pro Sled tail lifts back up on top of the water surface and planes efficiently while the PWC is moving forward.

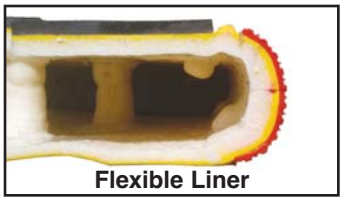


• 8 Handgrips made from 5000lb test nylon webbing, overmolded with proprietary, flexible elastomers, very durable and resistant to the elements. Handgrips are anchored to the sled hull using 7000lb test brass mold-in inserts and stainless fasteners. Fasteners are secured from backing out using Lock-tite.



7000 lb Mold-in Insert

• Vibration Issues - The PRO Extraction Sled utilizes flexible linear low density polyethylene, flexible urethanes or EVA copolymers as bumpers at the connecting points, and a cushioning deck pad. All of these items have been used to reduce vibration caused from pwc motors. The Pro Sled, being a molded sled, transfers no more insignificant vibration than any other sled on the market.



Flexible Liner

• 3/8" thick PVC Foam Deck Pad - Very Comfortable. Durable and provides the right amount of traction. Non-slippery like the polyethylene bodyboard foams or non textured PVC foams.

• Basic Tie Down Version with nylon webbing/bungee cords/bumper. Utilizes universal convenient 3-point hook-up to all makes and models of pwc. The attachments are non-invasive as they are already molded into the sled as holes for rigging.

• Nylon webbing and stainless spring clips are used and attached to the center main holes in the sled for the center attachment point to the pwc, bungee cords and stainless spring clips are attached to the outboard holes for rigging.



PVC Foam Deck Mat

• U-bolts to be installed on pwc hull for mounting sled to the pwc are included (all pwcs require at least one, and up to three of the U-bolts installed on all tie down sleds for a proper 3-point hookup (depending on pwc model). Nose of sled is protected by the use of a replaceable bumper.

Hand Grip Color: Black is standard. Red or Yellow are optional.
Hull Color: Orange is standard. Red, Yellow, Military Green, Battleship Grey or Black are optional.



Tie Down Version



3 Point Hookup

Description	Part No.
Pro Model Rescue Sled 3 Point Tie Down Version	XPROTD

We do not stock inventory of these items –special order only.

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LIFESLED FOR PWC RESCUE

Lifeguards and public safety agencies around the world are embracing an innovative rescue system that already has saved hundreds of lives, and promises to save thousands more in extreme rough water situations such as ocean storms, heavy surf, rip currents, flooding rivers and other life-threatening situations.

Non-Invasive hookup conveniently attaches LIFESLED to most any PWC without cumbersome rigging or drilling holes.





- LIFESLED is highly maneuverable. It barely affects low-speed motoring and increases the overall stability of the craft. There is no chance of windmilling or dumping of victim.
- Bullet-nose allows 45° fish-tail pivot off the PWC transom.
- 70/30 rails allow sufficient tracking for stability, and still allow the driver to 'break loose' for quick turns.
- Inexpensive, replaceable nose-guard protects the nose of the sled and the PWC transom.
- Overall size is sufficient for two adults yet still highly maneuverable. Weighs only 35 lbs.
- The Swallow-tail design enables easy victim centering when mounting in the water.
- Hook-up design allows the sled to be folded over the PWC when not in use.

Description	Part No.
Lifesled	W20018

We do not stock inventory of these items–special order only.



HONDA

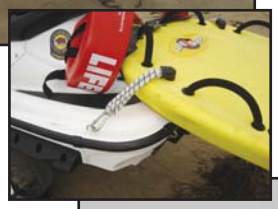




SEA DOO



YAMAHA





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FACTORY ZERO



Photo courtesy of Mike Jones • AZHIAZIAM

World Class Free Rider Taylor Curtis said:
"The Factory Zero Jet Launcher is so nice to use! It rolls across soft sand with ease, making it possible to launch by yourself. They are very well made, everything fits perfectly when assembling. It comes apart just as easy for traveling or storing. To top it off they look killer. I have had many kinds of totes over a 20 year riding career and Factory Zero tops them all! Thank you for making such an awesome product."

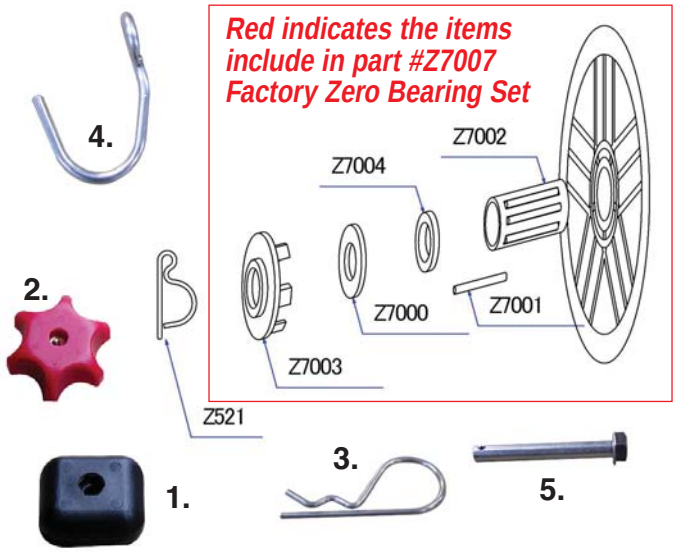
FACTORY ZERO JET LAUNCHER COMPACT 2-WHEEL TOTE FOR STAND-UP PWC



Description	Part No.
Factory Zero Compact 2-Wheel Tote Stand-Up	J-130S

Due to the size of this product it is not covered by the Hot Products shipping policy.



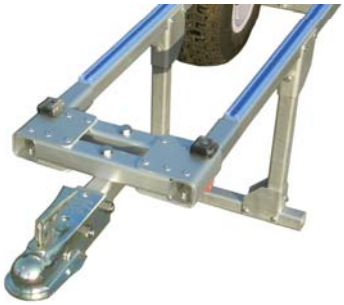


JET LAUNCHER (J-130S) REPAIR PARTS

Factory Zero offers the highest quality Jet Launchers for your Stand-up PWC and has repair/replacement parts available to allow you to utilize your Jet Launcher for many years to come.

Description	Part No.
Composite Fiber Washer	Z7000
Needle Only (10 needles)	Z7001
Bearing Cage Only	Z7002
Nylon Cap	Z7003
Nylon Washer	Z7004
"D" Ring	Z521
Bearing Complete Set	Z7007
1. Plastic Washer for Jet Launcher J-130S	Z6037
2. Plastic Knob for Jet Launcher J-130S	OS0015
3. "R" Pin For Legs of Jet Launcher J-130S	P13-130
4. Stainless Hook for Jet Launcher J-130S	JL100
5. Pin MS-55 for Legs of Jet Launcher J-130S	P17-16

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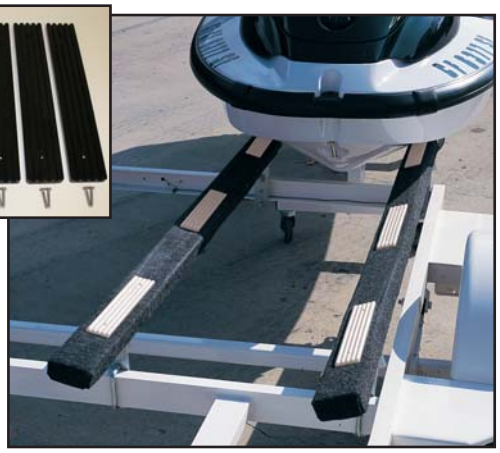


FACTORY ZERO ATV HITCH BRACKET FOR J-130S

Description	Part No.
ATV Hitch Bracket for J-130S	JL258

Due to the size of this product it is not covered by the Hot Products shipping policy.





R&D EZ-SLIDE BUNK GLIDES

R&D EZ-Slide Bunk Glides are designed to mount directly on the top side of the trailer bunks creating a new low friction slippery surface that allows the watercraft to glide on or off the trailer, making loading and unloading a personal watercraft easy. Designed and molded from high density urethane to significantly support the hull surface for proper trailering. The EZ-Slides are black and come in a six piece set complete with stainless steel button head mounting hardware. One set needed per watercraft.

Description	Part No.
EZ-Slide Bunk Glides (Set of 6)	001-00122



RV TRAILER WIRING SOCKET ADAPTER

This adapter converts the large 7 prong RV style wiring plug to the standard universal flat 4 way trailer wiring. No cutting or splicing required.

Description	Part No.
RV Trailer Wiring Adapter	73012

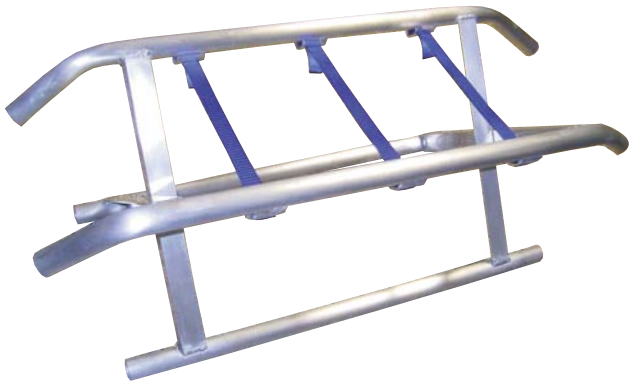
FACTORY ZERO



FACTORY ZERO JET BUNK

Description	Part No.
Factory Zero Jet Bunk	J-2260LSJ

Due to the size of this product it is not covered by the Hot Products shipping policy.



PWC BEACH STAND

Thick wall tubing and heavy gauge angle aluminum construction. Excellent durability. Not designed for use out of water.

Description	Part No.
Stand-Up Personal Watercraft Beach Stand	62-791001
Sit Down Personal Watercraft Beach Stand	62-792001

Due to the size of this product it is not covered by the Hot Products shipping policy.



RIVA DAVIT SLINGS

RIVA Davit Slings feature high strength nylon straps and stainless steel lift ring. Easily attaches to your watercraft via non-slip, non-scratch, rubber coated plates that securely lift the craft under the rub rails. Designed to use with a single davit.

Description	Part No.
Lifting Sling, KAW, SD 3-seater PWC	RS1027-IS
Lifting Sling, GTX, RXP, RXT	RS1027
Lifting Sling, 2-SEATER PWC	RY1027
Lifting Sling, SUV, XL, VNT	RY1027-20

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HOOK-IT TIE DOWN MOUNT

Patented hook retainer eliminates unhooking. Provides a location to tie down your watercraft where you want it.

Description	Part No.
Hook-It Tie Down Mount	TS65



YAMAHA TIE DOWN PIN

The tie down pin can be used to which your boat on your trailer, attach a docking line, attach anchor, or tie down your Yamaha. Just drop the pin in your front or rear bow eye.

Description	Part No.
Yamaha Tie Down Pin	A8112



POWERTYE TIE DOWNS

Made from high quality 4500lb. test nylon strap with rubber coated hooks. Made in USA

Description	Part No.
Black	59-3425
Navy Blue	59-3428
Silver	59-3429



ANCRA WATERCRAFT TRAILER TIE DOWNS

Fits all PWC with 3/4" Bow Eyes.

Color	A. Double Hook Without Bow Eye Pin	B. Single Hook With Bow Eye Pin
Purple	59-3404-PPL	----
Pink	59-3404-PNK	59-3404-PNK-S
Lime Green	59-3404-GRN	59-3404-GRN-S



STOLTZ BOW STOP

For PWCs with a vertical hole. Fastens with "U" bolts. 3-1/2" Opening. Made in the USA.

Description	Part No.
PWC Bow Stop	PWC-5A



SKEEKEEPER BOW PIN

Fits any PWC trailer with a 5/8" bow coupler.
Bow stop pictured is not included.

Description	Part No.
Bow Pin	TS67



SKEEKEEPER HITCH PIN

Fits any receiver-style hitch with a 2" insert.
Trailer hitch receiver and ball pictured is not included.

Description	Part No.
Hitch Pin	TS68



LICENSE PLATE BRACKET

1/4" mounting holes on 2" centers.

Description	Part No.
Metal License Plate Bracket	WB-3213

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HUNSAKER QUICK FILL JUGS

MADE IN THE U.S.A.

- Quick Fill jugs feature a 2 1/4" quick fill opening/fill tube
- The 1 1/2" side vent tube works as an air intake and relieves back pressure, allowing for a controlled flow rate and is adjustable for your flow rate application
- Secondary flip up vent cap for a slower pour if required
- Can be filled from the vent tube side and/or the pour side without having to take the hose off
- Smooth cornered, square style design offers stability, strength and ease of handling

Description	Part No.
A. 5 Gallon Jug (12"x12"x24")*	**HUN3004-1**
B. 8 Gallon Jug (12"x12"x27")*	**HUN3006-1**
C. 11 Gallon Jug (12"x12"x36")*	**HUN3011-1**
D. 1.50" Billet 6061/Aluminum Quick Fill Fueling System	**HUN3113**
E. 2.50" (Male) Red Head Dry Break	**HUN3115**
F. 2.50" (Female) Dry Break	**HUN3123**

Supplied with hose and clamps for connection
Due to the size of this product it is not covered by the Hot Products shipping policy



RATIO RITE CUP & LID

The Ratio Rite measuring cup is specifically designed to help you premix gasoline for your two stroke engine. 16:1 to 70:1 mix ratios are molded into this cup, measure your two cycle oil in cc/milliliters, fluid ounces, and pints. Made from durable, long lasting plastic that is completely safe to use with fuel and oil.
*Ratio Rite lid sold separately

Description	Part No.
Ratio Rite Cup	**59-0548**
Ratio Rite Lid	**59-0582**



DELUXE SIPHON PUMP

Deluxe Siphon Pump made with a heavy duty marine grades siphon bulb and gas resistant hose. This is the easy way to get a siphon started to drain your bilge or to transfer fuel from one place to another.

Description	Part No.
Deluxe Siphon Pump	**59-0440**



SCEPTER FLEXIBLE FUNNEL

Scepter's flexible funnel is perfect for all your PWC uses and really helps perform those difficult maintenance and repair applications. Manufactured from quality, high density polymers: the funnel won't rust, dent, or crack. This means no drips and leaks for you to clean up after your done. The funnel length is 18".

Description	Part No.
Scepter 18" Flexible Funnel	**MR03603**



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Mark Hahn Memorial Havasu 300





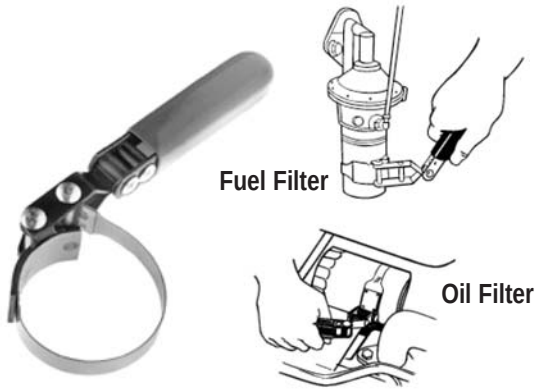
SAFETY SIPHON

"The Safe Solution To Fluid Transfer Problems".

A safe alternative to transferring dangerous fuels at or messy liquids by usual means. The hose with the patented self priming pump eliminates the risk of drawing hazardous or nasty fluids into your mouth when getting the siphon process started. The Safety Siphon is a great companion product to carry in your car or truck as insurance in case you run out of gasoline.
Never attempt to siphon gasoline by mouth!

Description	Part No.
Safety Siphon Pump 1/2" Hose	**SS-4**

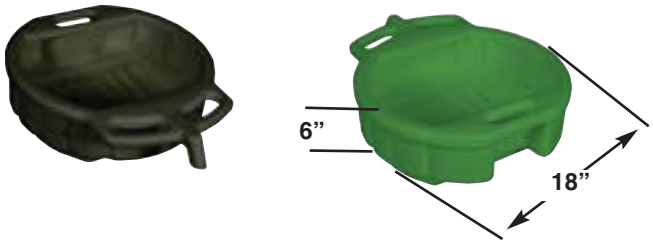
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"SWIVEL GRIP" OIL / FUEL FILTER WRENCH

For Smaller 2 3/8" to 2 5/8" Oil Filters. Also fits Fuel Filters.
For small oil and fuel filters. Tough stainless steel band with special "teeth" for extra gripping power...won't slip. Special narrow 1/2" band fits in tight spots. Handle swivels to clear obstructions and makes it easy to turn in hard to reach locations. Vinyl covered handle. Covers a range of 2 3/8" to 2 5/8" (60.3 - 66.7mm)

Description	Part No.
"Swivel Grip" Oil / Fuel Filter Wrench	LS54400



4.5 GALLON DRAIN PANS

Now with built-in-ribs for draining filters in the pan. For easy transfer of liquids. High-density polyethylene material is resistant to chemicals and solvents, and is easy to clean. 1" wide diameter spout for quick and easy pouring. The anti-splash lip and baffles help prevent spilling when carrying or pouring. Comes with large, easy-grip handles. Two colors: 17942 is black for oil and 17952 is green for anti-freeze.

Description	Color	Part No.
4.5 Gallon Oil Drain Pan	Black	LS17942
4.5 Gallon Oil Drain Pan	Green	LS17952



RULE FLAT TANK ELECTRIC OIL EXTRACTOR

Eliminate those costly yard service fees with the new quick, clean, compact electric oil extractor. Includes a 3-1/2 gallon compact self-priming diaphragm pump for extraction and an easy pour spout for oil transfer.

- 3.5 gallon (13 liter) leak proof container
- Designed for ease of carrying
- Complete with dipstick, suction tube & battery clamps
- Empties and stows easily
- Self-priming, dry running, 12 or 24 volt diaphragm pump

Description	Part No.
Electric Oil Extractor	17860-0012



HYDRO-TURF OIL EXTRACTOR

The unit uses a small vacuum system, which pumps fluid through a hose to the 6-liter reservoir. It also includes a pour spout to aid in emptying the reservoir. Pump is removable for easy storage.

Description	Part No.
Hydro-Turf Oil Extractor	OIL01



HT MOTO 15 LITER OIL EXTRACTOR

Ideal for bigger jobs and shops, this larger capacity oil/fluid extractor makes changing the oil on your 4 stroke PWC, snowmobile, ATV, boat, lawn mower, etc. clean and hassle free. Holds up to 15 liters (3.92 gal) in this sturdy portable container with built in pump.

Description	Part No.
HT Moto 15 Liter Oil Extractor	OIL03



Adapter Kit Included!

FLUID EXTRACTOR

- Empties oil in 15 pumps or less
- Extracts warm or cold oil
- Pressure relief valve allows easy transportation and storage
- Single-hand-ease effortless operation
- Tethered cap
- Delivers gulp-free, mess-free performance
- Complete adapter kit is included featuring three extraction tubes

Description	Part No.
Fluid Extractor (6.5 Liter Fluid Extractor)	CJ-169-S
Fluid Extractor Tube Replacement Kit	72-13117A

**Note: Not for use with gasoline.*

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HOT PRODUCTS DIE CUT DECALS

HOT PRODUCTS CORPORATE LOGO

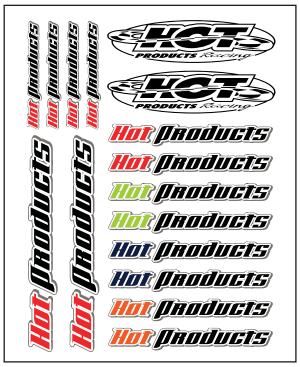
Length	Color	Part No.
10.5” Length	Black	HOTPRODUCTS10.5-BLK
10.5” Length	Chrome	HOTPRODUCTS10.5-CHROME
10.5” Length	White	HOTPRODUCTS10.5-WHT
12” Length	Black	HOTPRODUCTS12-BLK
12” Length	White	HOTPRODUCTS12-WHT
16” Length	Black	HOTPRODUCTS16-BLK
16” Length	White	HOTPRODUCTS16-WHT

HOT PRODUCTS RACING LOGO

Length	Color	Part No.
10.5” Length	Black	HOTRACING10.5-BLK
10.5” Length	Chrome	HOTRACING10.5-CHROME
10.5” Length	White	HOTRACING10.5-WHT
16” Length	Black	HOTRACING16-BLK
16” Length	White	HOTRACING16-WHT

HOT PRODUCTS TUBE LOGO

Length	Color	Part No.
12” Length	Black	HP-TUBE-BLK-12
12” Length	Chrome	HP-TUBE-CHROME-12
12” Length	White	HP-TUBE-WHT-12
30” Length	Black	HP-TUBE-BLK-30
30” Length	Chrome	HP-TUBE-CHROME-30
30” Length	White	HP-TUBE-WHT-30



HOT PRODUCTS DECAL SHEET

This sheet of Hot Products Decals has a total of 16 die cut stickers ready to peel off and install on your PWC.

Description	Part No.
Hot Products Decal Sheet 8” x 12 1/2”	70-9148

HOT PRODUCTS RACING OUTDOOR/EVENT BANNER



Hot Products Racing Banner. 10' wide by 3' tall. Outdoor vinyl with grommets to hang the Banner up. The Banner is orange with white lettering.

Description	Part No.
Hot Product Racing Banner	BANNER-ORANGE



HOT PRODUCTS RACING IRON ON TRANSFER

Hot Products Racing Iron on logo. Create your own custom apparel with this easy to use iron on logo. Available in white and the logo is 7 1/2" wide by 2" tall.

Description	Part No.
Iron On Transfer	LOGO-TRANSFER



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TAYLOR CURTIS T-SHIRT

Description	Part No.
Taylor Curtis T-Shirt Small	70-8001-S
Taylor Curtis T-Shirt Medium	70-8001-M
Taylor Curtis T-Shirt Large	70-8001-L
Taylor Curtis T-Shirt X-Large	70-8001-XL



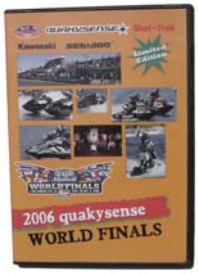
EAGLE HP T-SHIRT

Description	Part No.
Eagle HP T-Shirt Small	70-8005-S
Eagle HP T-Shirt Medium	70-8005-M
Eagle HP T-Shirt Large	70-8005-L
Eagle HP T-Shirt X-Large	70-8005-XL

DVD



2004 LENZI DVD
70-0020



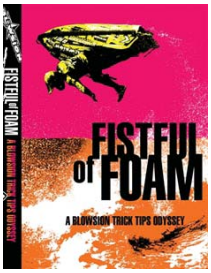
2006 WORLD FINALS
WFDVD2006



THE ADDICTION
70-0030



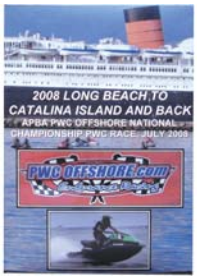
TWANGULATION DVD
70-0022



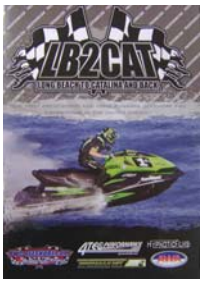
FISTFUL OF FOAM
BLOWSION TRICK TIPS ODYSSEY
07-02-267



WORLD FINALS 2007
WFDVD2007



2008 LONG BEACH TO CATALINA DVD
OFFSH002



2009 LONG BEACH TO CATALINA DVD
LB2CAT009

SUPERJET FACTORY DECAL KIT

Description	Part No.
A. Star SuperJet Factory	STAR-RED
	STAR-BLUE
	STAR-GREEN
B. Stripe SuperJet Factory	STRIPE-RED
	STRIPE-BLUE
	STRIPE-GREEN
C. Logo SuperJet Factory	LOGO-RED
	LOGO-BLUE
	LOGO-GREEN



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CLYMER® REPAIR MANUALS



THE "ORIGINAL" JET SKI BIBLE

A straight forward high performance guide for the Kawasaki 440, 550, 650. The Watcon 2-stroke tech manual is also included.

This is a *MUST* have book for building, maintaining, or owning a high performance personal watercraft. This manual features David Simon's "The Understanding of Air Flow." It goes into structural limitations and factors, crank case design, crank shaft design, cylinder and port design, cylinder head design, exhaust systems and water box design, intake systems, and tuning an engine as a whole.

Two great books for the price of one!

Description	Part No.
Jet Ski Bible & Watcon 2-Stroke Technology Notes	JSB-02



SUPER BN MANUAL

For the watercraft tuner working with Super BN series carburetors.

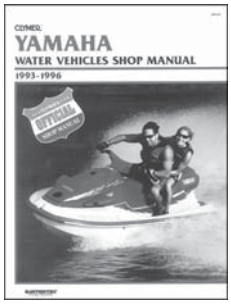
Description	Part No.
Mikuni Manual	53-9999

YAMAHA

Yamaha Water Vehicles 1993-1996

WR500, SJ650, WR650, WRA650, WRA650A, WRB650, WRB650A, FX700, SJ700, RA700, RA700A, RA700B, WB700A, WRA700, WRB700, WVT700, RA760, WB760, RA1100, WVT100

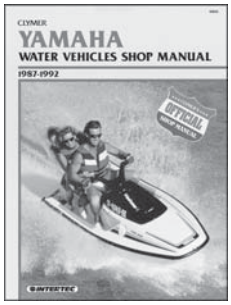
Part No. W806



Yamaha Water Vehicles 1987-1992

WJ500, WRA650, WR500, SJ650, WR650

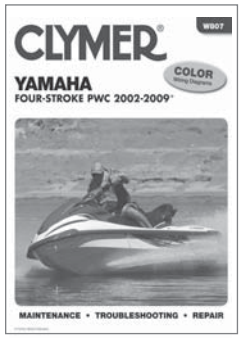
Part No. W805



Yamaha Water Vehicles Four Stroke 2002-2009*

05-08 FX, 05-08 FX Cruiser, 04-08 FX Cruiser High Output, 04-08 FX High Output, 02-04 FX140, 02-04 FX140 Cruiser, 05-09 VX, 05-09 VX Cruiser, 05-09 VX Deluxe, 05-09 VX Sport

Part No. W807



Includes color wiring diagrams.
**Does not cover 1800 cc models.*
Does not cover 2-stroke models.

KAWASAKI

Kawasaki Jet Ski 1976-1991

JS300, JS550, JS300SX, JS550SX, JS400, JF650X-2, JS440, JS650SX, JF650TS, JL650SC, JB650TS Jet Mate

Part No. W801



Kawasaki Jet Ski 1992-1994

JS440, JS550, JS550SX, JB650 Jet Mate, JF650X-2, JF650TS, JL650SC, JS650SX, JH750SS, JS750SX, JH750Xi, JT750ST, JH750XIR

Part No. W802



SEA-DOO

Sea-Doo Water Vehicles 1988-1996

Standard GT, GTS, GTX, SP, SPi, XP

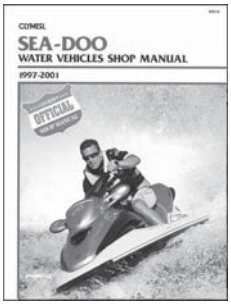
Part No. W809-3



Sea-Doo Water Vehicles 1997-2001

GS/GSI/GSX/GSX RFI/ GSX Ltd./GTI/GTS/GTX GTX DI/GTX RFI/GTX Ltd. HX/LRV/RX/RX DI SP/SPX/XP Ltd.

Part No. W810

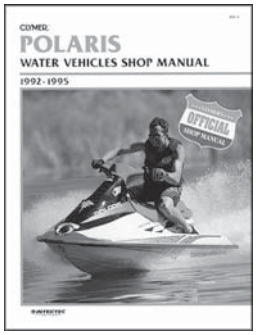


POLARIS

Polaris Water Vehicles 1993-1995

SL650, SL650STD, SL750, SLT750

Part No. W819



Polaris Water Vehicles 1996-1999

SL700, SLT700, SL700 Deluxe, Hurricane, SL780, SLT780, SL900, SL1050, SLH, SLTH, SLXN, SLTX

Part No. W820



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METRIC STAINLESS STEEL HEX BOLT PACKS



10 Pcs Per Pack

Size/mm	Part No.
6 x 10	**60-3010**
6 x 12	**60-3012**
6 x 14	**60-3014**
6 x 16	**60-3016**
6 x 18	**60-3018**
6 x 20	**60-3020**
6 x 25	**60-3025**
6 x 30	**60-3030**
6 x 35	**60-3035**

Size/mm	Part No.
6 x 40	**60-3040**
6 x 45	**60-3045**
6 x 50	**60-3050**
6 x 60	**60-3060**
6 x 70	**60-3070**
6 x 80	**60-3080**
8 x 18	**60-4018**
8 x 20	**60-4020**

Size/mm	Part No.
8 x 25	**60-4025**
8 x 30	**60-4030**
8 x 35	**60-4035**
8 x 40	**60-4040**
8 x 50	**60-4050**
8 x 60	**60-4060**
8 x 80	**60-4080**
10 x 25	**60-5025**

METRIC STAINLESS STEEL SOCKET HEAD CUP BOLT PACKS



10 Pcs Per Pack

Size/mm	Part No.
4 x 30	**61-1030**
4 x 16	**61-1016**
5 x 10	**61-2010**
5 x 25	**61-2025**
6 x 10	**61-3010**
6 x 12	**61-3012**
6 x 14	**61-3014**

Size/mm	Part No.
6 x 16	**61-3016**
6 x 20	**61-3020**
6 x 25	**61-3025**
6 x 30	**61-3030**
6 x 35	**61-3035**
6 x 40	**61-3040**
6 x 50	**61-3050**

Size/mm	Part No.
6 x 60	**61-3060**
8 x 20	**61-4020**
8 x 25	**61-4025**
8 x 30	**61-4030**
8 x 50	**61-4050**
8 x 60	**61-4060**
10 x 25	**61-5025**

METRIC STAINLESS STEEL NUTS



10 Pcs Per Pack

Size	Part No.
6mm	**63-0006**
8mm	**63-0008**

METRIC STAINLESS STUD PACKS



10 Pcs Per Pack

Size/mm	Part No.
8 X 30	**62-4030**

METRIC STAINLESS STEEL FLAT WASHERS



10 Pcs Per Pack

Size	Part No.
6mm	**63-2006**
8mm	**63-2008**
10mm	**63-2010**

METRIC STAINLESS STEEL SPRING WASHERS



10 Pcs Per Pack

Size	Part No.
6mm	**63-4006**
8mm	**63-4008**
10mm	**63-4010**

ZIP TIES



Description	Color	Part No.
3 3/4" x .090	Black	**64-0050**
7 1/4" x 1.190	Black	**64-0051**

(Sold in Packages of 100)

PLASTIC FITTINGS



Plastic T Fitting	Part No.
3/8" x 3/8" x 3/8"	**64-0025**
1/2" x 1/2" x 1/2"	**64-0027**
Plastic Y Fitting	**Part No.**
3/8" x 3/8" x 3/8" (white)	**64-0045**
1/4" x 1/4" x 1/4" (white)	**64-0046**
1/4" x 1/4" x 1/4" (black)*	**64-0047**

Reinforced with Crossbar

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BRASS FITTINGS

MNPT = Male National Pipe Thread



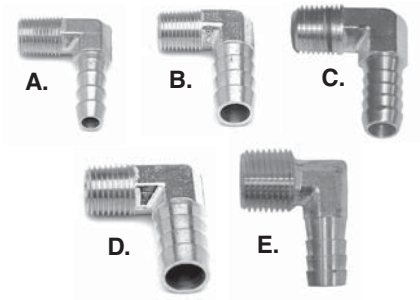
Straight Hose Barbed	Part No.
1/8” MNPT Thread 1/4” Hose	64-0001
1/8” MNPT Thread 3/8” Hose	64-0003
1/4” MNPT Thread 1/2” Hose	64-0005



Barb Connector	Part No.
1/4” I.D. Hose to 1/4” I.D. Hose	64-0057
3/8” I.D. Hose to 3/8” I.D. Hose	64-0058
1/2” I.D. Hose to 1/2” I.D. Hose	64-0059



Brass Push in Nipple	Part No.
1/8” Straight	53-9936
1/4” Straight	53-9937



90 Degree	Part No.
A. 1/8” MNPT Pipe thread 3/8” Hose Barb	64-0007
B. 1/4” MNPT Pipe thread 1/2” Hose Barb	64-0009
C. 1/4” MNPT Pipe thread 3/8” Hose Barb	64-0006
D. 1/8” MNPT Pipe thread 1/4” Hose Barb	64-0010
E. 1/2” MNPT Pipe thread 1/2” Hose Barb	64-0008



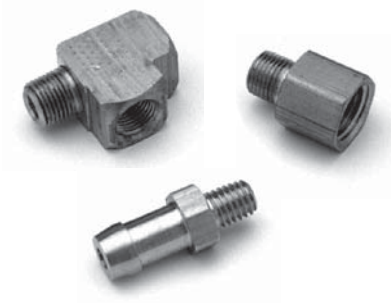
Garden Hose Adapter	Part No.
3/8” Hose Barb to Standard Garden Hose	64-0012



Press-in 90 Degree Fuel Inlet	Part No.
1/4” Hose 90 Degree	DF44-2/70



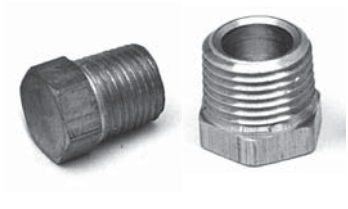
45 Degree	Part No.
1/8” MNPT Pipe thread 1/4” Hose Barb	64-0065
1/8” MNPT Pipe thread 3/8” Hose Barb	64-0066
1/4” MNPT Pipe thread 1/2” Hose Barb	64-0067



Brass Fitting	Part No.
1/8” Pipe threaded junction	64-0011
1/8” to 1/4” Adapter	64-0013
9mm Yamaha Flush Adapter	64-0004



T-Fitting	Part No.
Primer Fitting 1/8” x 1/8” x 1/8”	64-0015
Primer 1/4” x 1/4” x 1/8”	64-0017
Fuel Line 1/4” x 1/4” x 1/4”	64-0019



Brass Threaded Plug	Part No.
1/8” MNPT Threaded Plug	64-0016
1/4” MNPT Threaded Plug	64-0018

Jetcross Tour

Round 1 - May 25-26
Cogolin
Round 2 - June 8-9
Pont-a-Mousson, Lorraine
Round 3 - June 22-23
Villeneueve-la-Guyard (So’Fun Village), Ile de France
Round 4 - July 13-14
Freestyle Class Only
Languedoc-Rousillon
Round 5 - July 27-28
Midi-Pyrenees
Round 6 - August 14-15
Avignon (PACA)

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STAINLESS STEEL HOSE CLAMPS

SAE Size	Min Dia Inch	Min Dia mm	Max Dia Inch	Max Dia mm	Part No.
#5 (3/8"Waterline)	1/4	7	11/16	17	WF62M05
#6 (1/2"Waterline)	5/16	8	7/8	22	WF62606
#36	1-3/4	46	2-3/4	70	WF67004-0036
#48	2-1/2	65	3-1/2	89	WF67004-0048
#56	2-1/8	54	4	100	WF67004-0056
#72	3	76	5	127	WF67004-0072
#80	3-1/2	92	5-1/2	140	WF67004-0080



T-BOLT CLAMPS

Size	Minimum Diameter Inch	Minimum Diameter mm	Max Diameter Inch	Max Diameter mm	Part No.
#238	2 15/64	2.224	2 29/64	2.442	D43H-75-238
#325	3 5/32	3.016	3 21/64	3.312	D40H-75-325
#400	3 49/64	3.766	4 1/6	4.062	D40H-75-400
#450	4 17/64	4.266	4 9/16	4.562	D40H-75-450
#500	4 49/64	4.766	5 1/16	5.062	D40H-75-500
#525	5 11/64	5.016	5 5/16	5.312	D40H-75-525
#550	5 17/64	5.266	5 9/16	5.562	D40H-75-550

All T-Bolt Clamps are 3/4" (.75mm) wide



HOSE SHEARS

Cuts clean and straight every time.

Description	Part No.
Hose Shears	12-0013

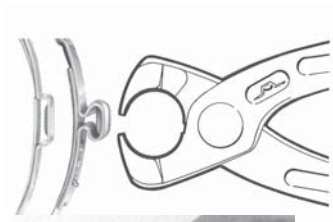


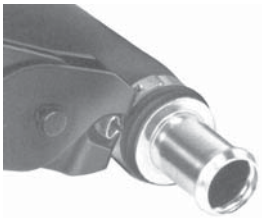
FUEL LINE

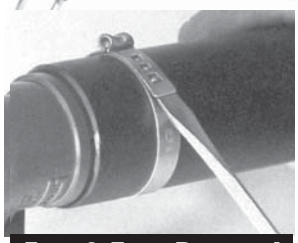
Fuel line is made from a thick walled polyurethane tubing. Sold per foot. or 25 feet/pk

Description	Part No.
Blue (1/4") per foot	53-9970
Blue (1/4") 25 feet package	53-9970-25
Primer Line (1/8") per foot	53-9980
Primer Line (1/8") 25 feet package	53-9980-25

Fast, Easy, Strong and Secure Installation







Fast & Easy Removal

SQUEEZE ON STAINLESS STEEL LOW PROFILE CLAMPS

Oetiker Stepless Ear Clamps, due to the reinforcing 'dimple' in the ear, hold against pressure and vibration or hose shrinkage due to temperature changes. A built-in spring action permits the clamp to "breathe" without loosening, the need to retighten is eliminated. Once installed, any tampering is easily visible, making this an excellent clamp for service or security applications.

Description	Clamp Size	Part No.
Pincer Tool	--	12-0024
Clamp for 1/4" Fuel Line Hose (10/pack)	--	59-4014
Clamp for 1/4" Fuel Injector Hose (10 pack)	9/16	59-4016
Clamp for 3/8" Water Line (10 pack)	11/16	59-4017
Clamp for 1/2" Water Line (10 pack)	13/16	59-4018

100 Clamp Packs	Clamp Size	Part No.
Clamp for 1/4" Fuel Line Hose (100 pack)	--	59-4014-100
Clamp for 1/4" Fuel Injector Hose (100 pack)	9/16	59-4016-100
Clamp for 3/8" Water Line (100 pcs/pk)	11/16	59-4017-100
Clamp for 1/2" Water Line (100 pcs/pk)	13/16	59-4018-100



WATER LINE HOSE

Flex-Tech multi purpose hose is more flexible and bendable for those complicated water routing requirements. This waterline is highly recommended for Factory Dry Pipe installations. Waterline is sold per foot.

Description	Part No.
3/8" ID 300psi WP	56-8010



WATER LINE HOSE

Description		Part No.
3/8" ID Blue 300psi WP (Eaton Synflex)		56-8000
1/2" ID Blue 250psi WP (Goodyear Pliovic Plus)		56-8004
3/8" Clear Vinyl		56-8007
3/8" ID Blue (Venair Technosil) Silicone Tubing (Sold in 25' lengths)	NEW	56-8012-25

500 foot reel 3/8" blue hose available and 400 foot reel 1/2" blue hose available

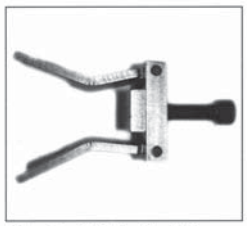
Call for special pricing on reel purchases.

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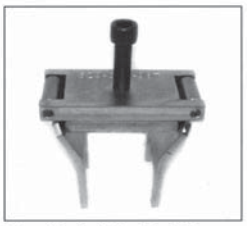
SEA-DOO REPAIR TOOLS

These tools are built to the the OEM specialty tool specifications and have been built using high quality materials.

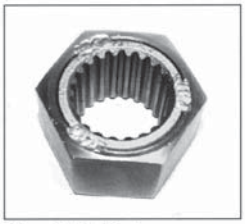
Make your work day and the repairs you perform for your customers faster and more efficient with the right tool for the job!



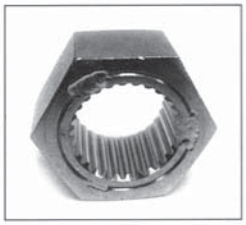
Drive Shaft / Floating Ring
Part No. 950-100
O.E. No. 529-035-841
Fits: GTX 4 Tec Models



Drive Shaft / Floating Ring
Part No. 950-102
O.E No. 529-035-987
Fits: Super Charged 4-Tecs



Drive Shaft Adaptor
Part No. 950-115
O.E. No. 529-035-892
Fits: GTX 4 Tec



Drive Shaft Adaptor
Part No. 950-120
O.E. No. 529-035-985
Fits: RXP 4 Tec



Camshaft Locking tool
Part No. 950-180
O.E. No. 529-035-839
Fits: 4-Tec Engines



Insert Alignment Tool Adapter
Part No. 950-145
O.E. No. 529-035-590
Fits: XP & DI Models



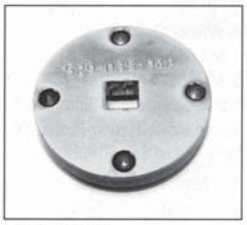
Alignment Adaptor
Part No. 950-150
O.E. No. 529-035-719
Fits: GTX 4-Tec Models



Super Charger Retaining Key
Part No. 950-110
O.E. No. 529-035-949
All 4 Tecs with Super Chargers



Crankshaft Locking Tool
Part No. 950-125
O.E. No. 529-035-821
Fits: All 4 Tecs



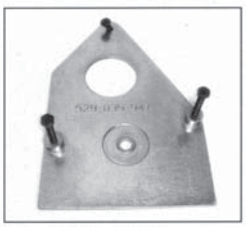
4-Pin Socket
Part No. 950-195
O.E. No. 529-035-948
Fits: 4-Tec Supercharged



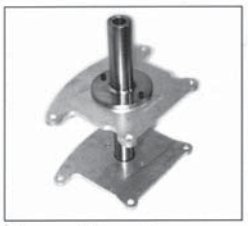
Pressure Cap
Part No. 950-105
O.E. No. 529-035-843
Fits: GTX 4 Tec



Steering Cable Nut Removal Tool
Part No. 950-130
O.E. No. 295-000-145
Fits: All Models



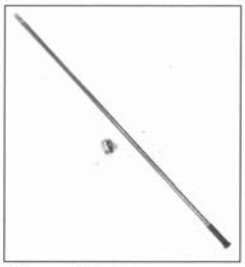
Support Plate 4-TEC Supercharged Engines
Part No. 950-190
O.E. No. 529-035-947
Fits: 4-Tec Supercharged



Alignment Support Plate kit
Part No. 950-135
O.E. No. 529-035-506
Fits: All Models



Camshaft Locking tool
Part No. 950-180
O.E. No. 529-035-839
Fits: 4-Tec Engines



Alignment Shaft
Part No. 950-140
O.E. No. 295-000-141
Fits: All Models



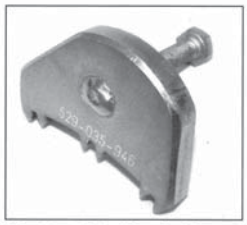
Drive Shaft Holder
Part No. 950-155
O.E. No. 529-035-986
Fits: GTX 4-Tec & RXP 4-Tec Models



Seal & Bearing Pusher
Part No. 950-165
O.E. No. 529-035-955
Fits: GTX 4-Tec Models



Shaft Pusher
Part No. 950-170
O.E. No. 529-035-819
Fits: GTX 4-Tec Models



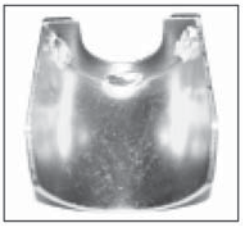
Ring Gear Blocking Tool
Part No. 950-175
O.E. No. 529-035-946
Fits: 787 RFI Engines & 947 DI Engines



Ball Bearing Support Pusher
Part No. 950-200
O.E. No. 529-035-950
Fits: 4-Tec Supercharged



Ring Gear Blocking Tool
Part No. 950-172
O.E. No. 529-035-846
Fits: 529035846

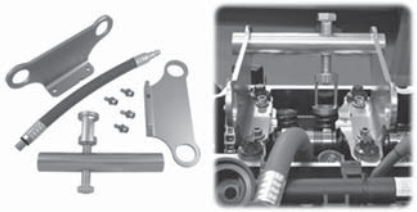


PTO Support Tool
Part No. 950-192
O.E. No. 529-035-842

Hot Products is proud to offer a complete line of Service Tools and Hardware for all your service and Repair needs.

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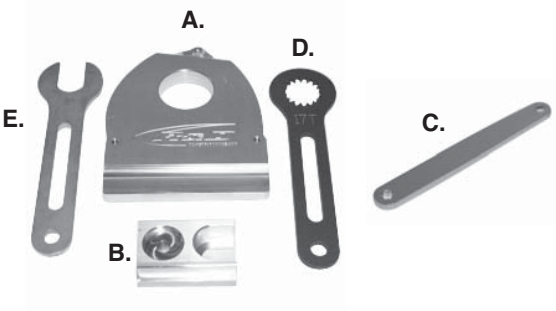
FOR SEA-DOO ENGINE



SD 4-TEC VALVE COMPRESSION TOOL

Our overhead Valve Compression Tool allows easy removal of valve springs and keepers without removing cylinder head. Includes compression adapter to pressurize cylinder keeping valves in place during removal of stock springs and keepers.

Description	Part No.
SD 4-TEC Valve Compression Tool	RS19050-VCT



R&D SUPERCHARGER REBUILD TOOL KIT

R&D has designed a custom tool kit that is essential in the rebuilding process of the Sea-Doo Supercharger. All tools are specific in application and are cnc machined to ensure a precision job.

Description	Part No.
A. Supercharger Holder Tool	613-96005
B. Bearing Puller/Installer Tool	613-96006
C. Seal/Bearing Retainer Torx Wrench	613-96008
D. 215HP 16 Tooth Drive Gear Tool	613-96016
D. 185HP 17 Tooth Drive Gear Tool	613-96017
E. 185HP Clutch Drive / Lock Washer Tool	613-96018
E. 215HP Clutch Drive / Lock Washer Tool	613-96019

**NOTE: Kit comes with a S/C holder, bearing puller/installer tool, drive gear tool and clutch drive/lock washer tool.*



RIVA SEA-DOO SUPERCHARGER SHAFT HOLDER TOOL

Our Sea-Doo Supercharger Shaft Holder Tool makes servicing your supercharger a snap. Ergonomically designed billet handle allows a sure, firm grip without fatiguing your hand. Working ends are made from heat treated tool-grade steel to resist wear and are oversized to prevent flexing. A must for every mechanic's tool box!

Description	Part No.
RIVA Sea-Doo SC Shaft Holder Tool	RS1750-ISH-949



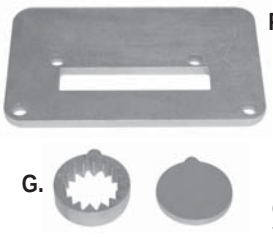
TORX® SOCKET SET FOR SEA-DOO

Special Star Sockets for Sea-Doo 4-Tec& DI engine bolts are mode from heat-treated vanadium steel and black oxide coated for durability. Sockets are kept in a convenient vinyl holder.

- **Four 3/8" Drive Sockets (T10, T12, T14, T16)**
- **Three 1/4" Drive Sockets (T6, T7, T8)**

Description	Part No.
Torx Socket Set	LS26750

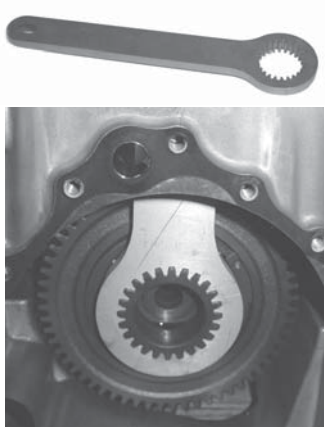
FOR YAMAHA 1.8L ENGINE



R&D SPECIALTY SUPERCHARGER TOOLS FOR YAMAHA 1.8L ENGINE

R&D has designed a custom tool kit that is essential in the rebuilding process of the Yamaha Supercharger. All tools are specific in application and are CNC machined to ensure a precision job.

Description	Part No.
F. Supercharger Housing Holder Bracket Tool	612-92010
G. Shaft/Gear Holding Tool	612-92011



R&D SUPERCHARGER CLUTCH REMOVAL TOOL FOR YAMAHA 1.8L ENGINE

This R&D tool enables the clutch to be changed in a matter of only minutes. With the supercharger and front engine cover removed the tool drops down through the case and secures the drive gear at the front of the crankshaft from rotating when the clutch is removed and installed. This is a "must have" tool that will save massive amounts of time for any mechanic.

Description	Part No.
R&D Supercharger Clutch Removal Tool	612-92012



FZR VALVE SPRING COMPRESSION TOOL KIT

The R&D Valve Spring Compression Tool Kit allows easy removal of the intake or exhaust valve springs and keepers without removing the cylinder head. R&D recommends using the compression adapter from a compression gauge kit to pressurize cylinder keeping valves in place during removal of springs and keepers.

Description	Part No.
FZR Valve Spring Compression Tool Kit	612-92013



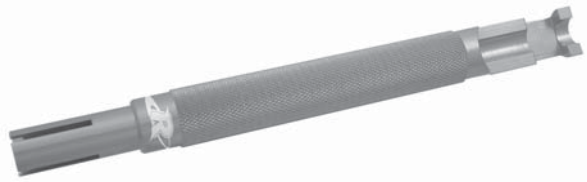
R&D VALVE STEM CONCENTRICITY GAUGE

The R&D Valve Stem Concentricity Gauge is a testing tool to check the roundness and trueness of valves. Small valves can distort or bend from heat produced in high performance supercharged or turbo charged engines. To achieve a perfect seal on the seat the valve needs to be concentric and true in every dimension. Gauge is fully adjustable to accommodate a variety of valve sizes and features a rigid, positive stop that can be set once and the trueness for an entire set of valves can be measured. Kit comes complete with dial indicator accurate to .001". This is a must have tool for any engine builder to get the most out of your high performance 4 stroke engine.

Description	Part No.
R&D Valve Stem Concentricity Gauge	612-80010

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FOR YAMAHA 1.8L ENGINE



RIVA ENGINE VALVE SEAL TOOL

This handy tool provides easy removal and installation of valve stem seals on Yamaha 1.8L engines. Allows seal installation during fitting of valve train upgrade kit without removing cylinder head.

- Prevents seal distortion & gouging.
- Precision machined from 6061 aluminum & anodized.
- Knurled handle for positive grip.

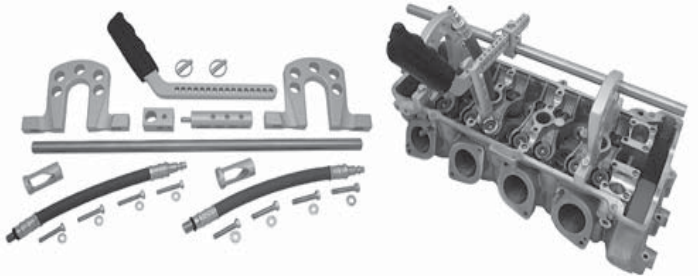
Description	Part No.
Valve Seal Tool for Yamaha 1.8L Engine	RY19040-VST



TORQUE ANGLE METER

For All Torque-to-Yield Fastener Applications. Commonly used for tightening head bolts & other bolts where a torque angle is required. Use with 1/2" drive.

Description	Part No.
Torque Angle Meter	LS28100

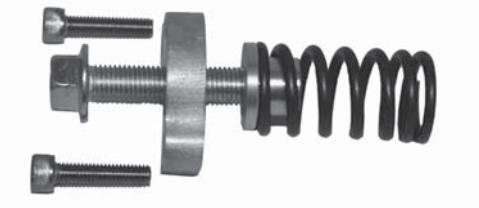


RIVA VALVE COMPRESSION TOOL

RIVA's overhead Valve Compression Tool allows easy removal of valve springs and keepers without removing cylinder head. Includes compression adapter to pressurize cylinder keeping valves in place during removal of stock springs and keepers. Fits both Yamaha 1.8L & Kawasaki 1.5L 4-stroke engines.

Description	Part No.
RIVA Valve Compression Tool Fits Yamaha 1.8L & Kawasaki 1.5L 4-stroke	RY19040-VCT

FOR YAMAHA 1.8L ENGINE

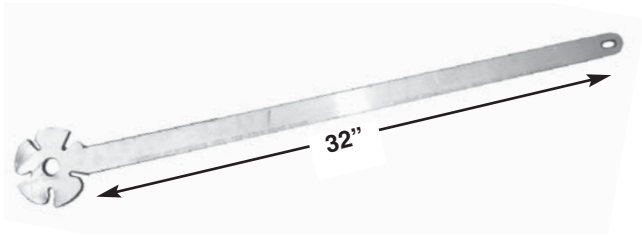


FZR CAM TENSIONER TOOL

The R&D Cam Tensioner Tool is designed to mechanically spring preload the cam chain in order to set and verify cam timing. This eliminates the process of pressurizing the hydraulic cam tensioner to verify cam timing.

Description	Part No.
R&D FZR Cam Tensioner Tool	612-92015

DRIVELINE COUPLER WRENCH



Description	Part No.
Driveline Coupler Wrench for SHO, FZR, VXR, VXS	132-57002

FOR KAWASAKI ENGINE



R&D ULTRA 250/260X SUPERCHARGER WHEEL PULLER TOOL

The R&D wheel puller tool makes it fast and easy to remove a supercharger wheel without the removal of the intercooler system or the water muffler assembly. The R&D Supercharger drive wheel puller will save at least an hour on a pulley removal and replacement. A must have tool.

Description	Part No.
R&D Ultra 250/260X SC Wheel Puller Tool	611-26004



R&D ULTRA 250/260X DRIVER WHEEL HOLDER TOOL

The R&D Holding Tool makes it fast and easy to remove and re-install a supercharger wheel without damaging or breaking the wheel hub. Use the holding tool to properly torque the drive bolts and main spline drive bolt. A must have tool.

Description	Part No.
Ultra 250/260X Driver Wheel Holder Tool	611-26003

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CARB SCREW ADJUSTING TOOL

Angled head for the hard-to-reach carb adjustment screws

Description	Part No.
Carb Screw Adjusting Tool	08-0119



90 DEGREE 1/4" HEX DRIVER

Precision made of high-grade aluminum & stainless steel. Designed for hard-to-reach pilot screw. Gear driven 1/4" hex. Includes 1/4" hex bits, straight slot, Phillips, D-shaped pilot screw bit, 6mm hex jet bit and 1/4"-hex-to-1/4" drive bit.

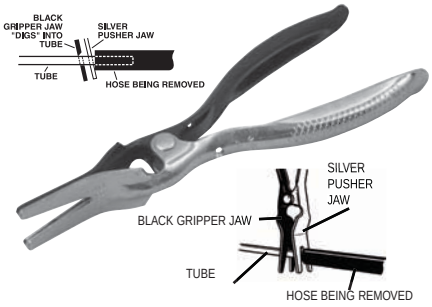
Description	Part No.
90 Degree 1/4" Hex Driver	08-0229



HOSE PINCHER

Clamps and holds hoses up to 3/4" inside diameter. Angled jaws close to create a complete seal every time. Jaws are offset for hard-to-reach areas. The handles lock firmly to hold the jaws in closed position.

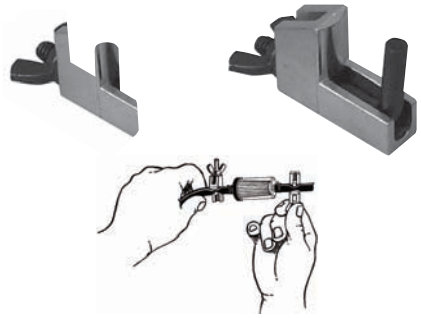
Description	Part No.
Hose Pinchers	LS23000



HOSE REMOVAL PLIERS

For easy removal of 5/32" to 1/2" (4mm to 14mm) hoses. Engage the tube (line) with the black jaw. This sharpened jaw actually "digs" into the tube to grip it! Squeeze, and the hose is easily pushed off by the silver jaw.

Description	Part No.
Hose Removal Pliers	LS47900



HOSE PINCHERS

Quick, easy way to pinch off fuel lines, etc. without damaging the line.
Sold two per set.

Description	Part No.
Hose Pinchers	LS22850



MIKUNI TOOL KIT

This handy little kit contains all the tools necessary to make jetting change, perform normal maintenance as well as disassemble and rebuild any Mikuni carburetor

Description	Part No.
Mikuni Tool Kit	MK-404



ROTARY VALVE TIMING WHEEL

Description	Part No.
Rotary Valve Timing Wheel	012-170

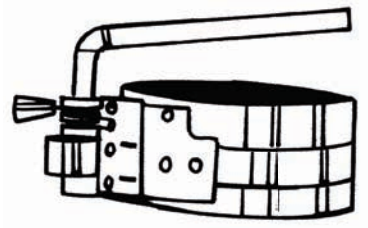


MIKUNI POP-OFF GAUGE

For Accurate adjustment of pop off pressure levels for fine tuning requirements.

Description	Part No.
Mikuni 30 Lbs. Guage	MK-BN PMP
Mikuni 60 Lbs. Guage	MK-BN PMP-60
Mikuni 100 Lbs. Guage	MK-BN PMP-100

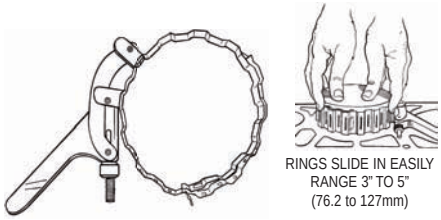
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QUICK RELEASE RING COMPRESSOR

Ring Compressor makes it easy to remove ring from piston. Range is from 2-1/8" – 5" (54mm–127mm).

Description	Part No.
Quick Release Ring Compressor	LS19000



WRINKLE BAND RING COMPRESSOR

Wrinkle band cuts friction in half. Rings slide in easily 3" – 5" (76.2mm – 127mm).

Description	Part No.
Wrinkle Band Ring Compressor	LS21700



PISTON RING INSTALLER

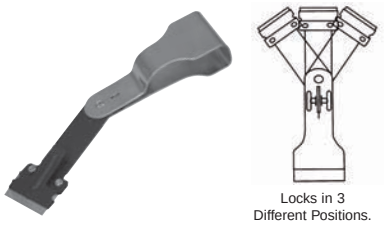
Description	Part No.
Piston Ring Installer	LS33500



PISTON PIN PULLER

Universal piston pin puller easily removes all sizes of piston pins without any damage to the piston.

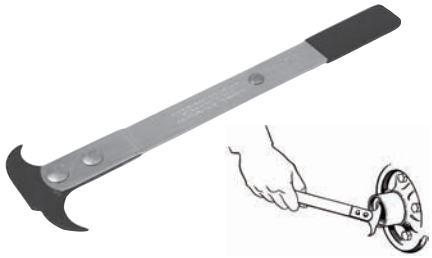
Description	Part No.
Piston Pin Puller	012-152



FOLD-UP SCRAPER

The fold-up scraper features three arm positions and a slanted blade for proper scraping. Great for removing decals, etc.

Description	Part No.
Fold-up Scraper	LS52400



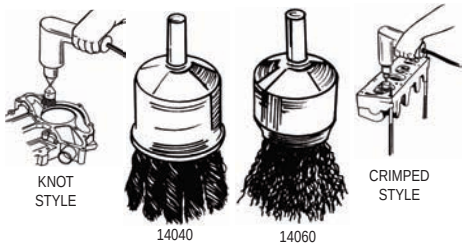
SEAL PULLER

Simply insert the tip of the tool behind the oil or grease seal, press and pull. Leverage works for you. Two size tips reach in and fit nearly all seal applications.

Description	Part No.
Seal Puller	LS56750

CONVERSION TABLE

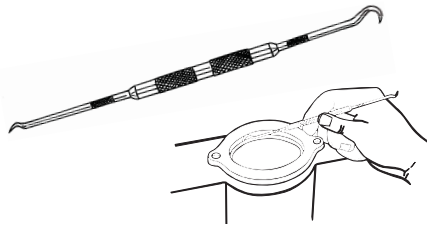
Unit	Conversion
Linear Measure	
centimeter (cm.)	0.3937 inch
meter (m.)	3.2808 feet / 1.0936 yards
kilometer (km.)	0.6214 mile
inch (in.)	2.54 centimeters
foot (ft.) = 12 inches	30.48 centimeters
yard (yd.) = 3 feet	0.914 centimeters
rod (rd.) = 5.5. yards	5.0292 meters
chain (ch.) = 4 rods	20.117 meters
furlong (fur.) = 10 chains	201.17 meters
mile (m., mi.) = 8 furlongs	1.6093 kilometers
league (l.) = 3 miles	4.8279 kilometers
Aviordupois Weight	
Gram (g.)	0.0353 oz. avdp.
kilogram (kg.) = 1,00 grams	2.2046 lb. avdp
metric ton (M.T.)	1.1023 short tons
	0.9842 long ton
grain (gr.)	0.0648 gram
dram (dr. avdp.) = 27.34 grains	1.7718 grams
ounce (oz.avdp.) = 16 drams	28.3495 grams
pound (lb. avpd) = 16 ounces	0.4536 kilogram
hundredweight (cwt.)	
(US) = 100 pounds	45.3592 kilograms
(UK) = 112 pounds	50.8024 kilograms
ton (t., tn.)	
(US) = short ton	
=2,000 pounds	0.907 metric ton
(UK) = short ton	
=2,240 pounds	1.106 metric ton



1" WIRE END BRUSHES

Made with .020" industrial heat-tempered wire. Use with portable electric and air tools. 20,000rpm maximum safe speed.

Description	Part No.
1" Knot Wire End Brush	LS14040
1" Crimped Wire End Brush	LS14060



"O" RING AND SEAL PICK

Quickly removes and installs "O" rings and seals. Tips are hardened to stay sharp.

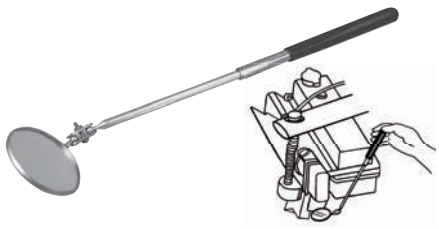
Description	Part No.
"O" Ring and Seal Pick	LS31840



COMPRESSION TESTER

Contains hoses for 10, 12 & 14mm spark plug applications. Features a quick disconnect with a pressure release valve and a 300lbs. Gauge. Packed in a convenient carry box. Made in USA.

Description	Part No.
Compression Tester	08-0188

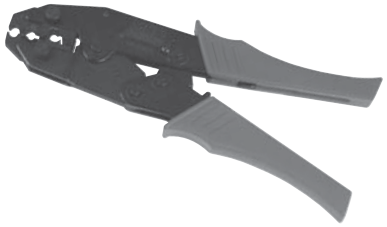


TELESCOPING MIRROR

Enables you to see around corner. 2-1/4" diameter mirror swivels to any position. Length extends from 10" to 14".

Description	Part No.
Telescoping Mirror	LS32050

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PRO-CRIMP TOOL

To do a job right, it is important to have the right tools. If you custom build a lot of plug wires, the Pro-Crimp is the right tool for you! The Pro-Crimp features a hardened steel frame, molded hand grips and built-in ratchet action that is also adjustable. The tool is supplied with jaws to fit MSD's Super Conductor Spark Plug wires and can be removed to use additional jaws (sold separately) for crimping common wiring terminals.

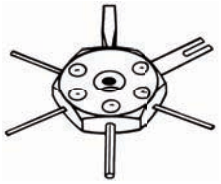
Description	Part No.
MSD Pro Crimp Tool	35051
Spark Plug Dies	3508
Amp Pins	3506
Amp Lug Dies	3507
Weathertight Dies	3509
Deutsch Terminal Dies	3510



TERMINAL DETENT TOOL

The hollow barrel allows you to depress the tab on the terminal end and to remove the wire from the connector without damaging its ends.

Description	Part No.
Terminal Detent Tool	59-0254



TERMINAL REMOVAL TOOL

Includes six different shaped blades.

Description	Part No.
Terminal Removal Tool	LS14900



PERMA-SEAL CONNECTOR KIT

Description	Part No.
MSD Perma-Seal Connector Kit	4377



TIMING DEGREE WHEEL

Set total loss timing with no guess work. Check crank shaft timing to exact degree. A must for porting and port timing.

Description	Part No.
Timing Degree Wheel	08-0092



ROK FLORJANCIC
AT 2012 HOT PRODUCTS
IJSBA WORLD FINALS
IN LAKE HAVASU CITY, ARIZONA



FLYWHEEL PULLER

Sea-Doo	Part No.
800/951 38mm x 1.5	MP#42

Kawasaki	Part No.
900/1100 35mm x 1.5	MP#29
1200 STX-R, Ultra 150 33mm x 1.5	MP#64



FLYWHEEL/MAGNETO PULLER

Sea-Doo	Part No.
580/650/720	MP#37
12 Hole Disc 8mm Bolts	

Polaris	Part No.
Polaris All & Universal	MP#37
12 Hole Disc 8mm Bolts	

Yamaha	Part No.
580/650/Pre 94 701	MP#37
12 Hole Disc 8mm Bolts	
701/760/800/1100/1200	MP#37
12 Hole Disc 8mm Bolts	

Kawasaki	Part No.
300/440/550/650	MP#37
12 Hole Disc 8mm Bolts	



Kawasaki	Part No.
750/800	MP#18
Special 18mm x 1.5 Right Hand Bolt	

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CHARGER MODEL #CU2606A

Total Amps: 6
Battery System: 12Volt



Description	Part No.
Portable Battery Charger	CU2606A

CHARGER MODEL #CU2612A

Total Amps: 10
Battery System: 12Volt



Description	Part No.
Portable Battery Charger	CU2612A



IGNITION SYSTEM SPARK TESTER

This ignition system tester checks the integrity and strength of your system by gauging your systems spark.

Description	Part No.
Ignition System Spark Tester	08-0122



JUMPER CABLES

8 feet long heavy duty 8 gauge copper jumper cables are big on charging power, yet stow conveniently in the 9 x 9 inch nylon bag.

Description	Part No.
Jumper Cables	59-0530



SPARK PLUG TOOLS

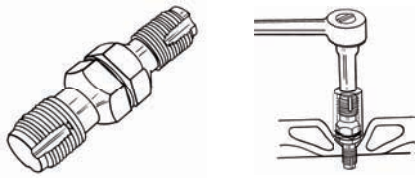
Description	Part No.
Ratchet Plug Wrench	08-0147



SPARK PLUG WIRE TESTER

Now you can check spark plug wires without piercing the wires. Light flashes indicating sound wire.

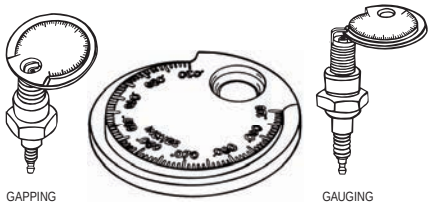
Description	Part No.
Spark Plug Wire Tester	LS26900



SPARK PLUG HOLE THREAD CHASER

Cleans threads in spark plug hole. Use with 13/16" spark plug socket. Double-ended for both 14mm and 18mm threads.

Description	Part No.
Spark Plug Hole Thread Chaser	LS20200



STANDARD/HIGH ENERGY SPARK PLUG GAUGE & GAPPER

Gauge and gap all types of spark plugs from .020" to .110 (.50mm to 2.53mm).

Description	Part No.
Spark Plug Gauge and Gapper	LS67870



SPARK PLUG HOLDERS

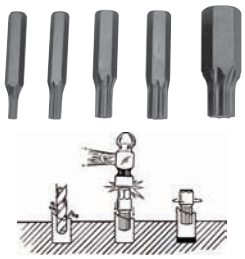
Spark Plug Holder protects the electrode, maintaining the proper gap.

Description	Part No.
2 per Blister Pack	SPH-2
40 per Countertop Display	SPH-40



2012 Hot Products IJSBA World Finals
in Lake Havasu City, Arizona

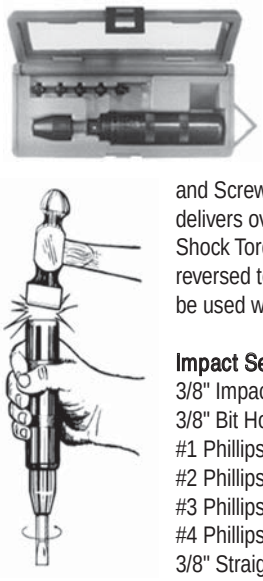
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SUPER OUT EXTRACTOR SET

A super strong extractor set made of a special hardened, shock-resistant tool steel. Works on both left and right hand threads. Super Outs cut their way straight into bolts, eliminating wedging or further tightening of frozen bolts and screws. Five extractor sizes extract 1/4" to 1/2" and larger bolts and screws.

Description	Part No.
Super Out Extractor Set	LS62900



3/8" HAND IMPACT TOOL SET

Loosens Rusted, Frozen Nuts, Bolts and Screws. Unique design delivers over 200 ft. lbs. of Shock Torque. Can be reversed to tighten. Can also be used with impact sockets!

Impact Set Includes:
3/8" Impact Tool
3/8" Bit Holder
#1 Phillips Bit
#2 Phillips Bit
#3 Phillips Bit
#4 Phillips Bit
3/8" Straight Slot Bit

Description	Part No.
3/8" Hand Impact Tool Set	LS29200



WATCON INTAKE/SCOOP GRATE DEPTH GAUGE

Most savvy tuners are sure to set their intake grates to the maximum IJSBA allowed limits for the best hook-up possible. Watcon's "Depth Guage" has been manufactured to the Official IJSBA Rule Bok specifications.

Description	Part No.
Watcon Intake Scoop Grate Depth Guage	IJSBA-1

THE WATCON DEPTH GUAGE HAS BEEN MANUFACTURED TO THE SPECIFICATIONS IN THE IJSBA RULE BOOK, ALL FINAL DECISIONS ON THE LEGAL DEPTH ARE THE DECISION OF EACH RACE DIRECTOR AND THE TECHNICAL INSPECTOR FOR EACH RACE SITE.



IMPELLER HOLDER TOOL

Holds spline of drive shaft for removal of impeller.

Sea-Doo	Part No.
A. 580/650/720/800/951 All **18mm spline**	TOOL#23

Polaris	Part No.
B. Polaris ALL & long reach universal **20mm spline**	TOOL#38



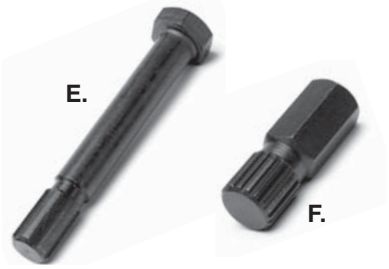
IMPELLER HOLDER TOOL

Sea-Doo	Part No.
C. GTX 4-Tec SC **(22mm)**	TOOL#70
D. RXP/RXT **(27mm)**	TOOL#71



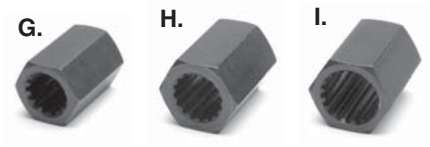
SOLAS IMPELLER HOLDER TOOL

Sea-Doo	Part No.
RXP/RXT **(27mm)**	WR012-SRX



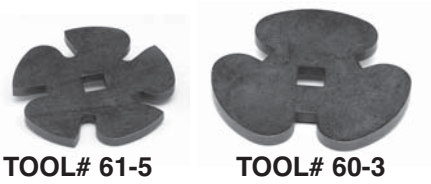
IMPELLER HOLDER TOOL FOR KAWASAKI

Kawasaki	Part No.
E. 440/550-89 **16mm spline**	TOOL#24
F. 650/750/800/900/1100 & Ultra 250/260/300 **18mm spline**	TOOL#23



IMPELLER SHAFT HOLDER TOOL FOR YAMAHA

Yamaha	Part No.
G. WR500, WJ650LX **16mm spline**	TOOL#27
H. 650/701/760/1100/1200 **18mm spline**	TOOL#32
I. GP1200R **20mm spline (18 tooth)**	TOOL#56
SHO/FZR/FZS **20 mm spline (20 tooth)**	TOOL#53



TOOL# 61-5 TOOL# 60-3

DRIVE COUPLER TOOLS

Use to remove drive coupler from crankshaft and sub-shaft.

Yamaha	Part No.
650/701	TOOL#60-3
760/800/110/1200	TOOL#61-5

Kawasaki	Part No.
440/550/650/750/800	DC-800



WATCON IMPELLER PITCH GAUGES

It's a known fact; not all impellers are created equal. Sometimes when impellers are mass produced, there are subtle differences that can affect performance. Use this simple tool to measure the pitch angle and blade length of each blade throughout its circumference. This enables you to make adjustments to the pitch where needed. Great for fine tuning, making minor changes or verifying pitch when sending impellers off for repair.

Description	Part No.
140-142mm Impellers	IMP-142
144-148mm Impellers	IMP-148
155-160mm Impellers	IMP-160

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STUD TOOL

Economy stud installation and removal tool. The kit includes three sizes: 6mm, 8mm and 10mm.

Description	Part No.
Economy Stud Tool Kit	WJ7710



STUD INSTALLATION TOOLS

Will Install cylinder and intake manifold studs. Hex head is 3/4" or 19mm.

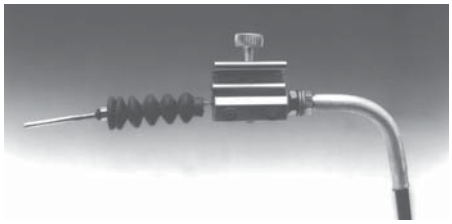
Description	Part No.
6mm x 1.00 Stud Tool	08-0149
8mm x 1.25 Stud Tool	08-0150
10mm x 1.25 Stud Tool	08-0151



HEX-PRO AND STAR-PRO PIVOT HEAD WRENCHES

- Pivot design allows for easy rotation around obstructions
- Heat treated alloy tool steel
- Includes heavy duty folding canvas storage pouch

Description	Part No.
Hex-Pro Metric	08-0420
Hex-Pro SAE	08-0419
Star-Pro	08-0421



CABLE LUBBER

Installs quickly and helps free up corroded or tight cables. Note; Damaged cable should be replaced.

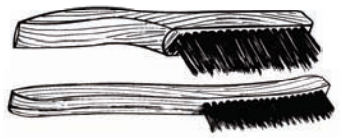
Description	Part No.
Cable Lubber	59-0250



T-HANDLE RATCHET

Features a compact design that allows it to be used even in tight spaces.

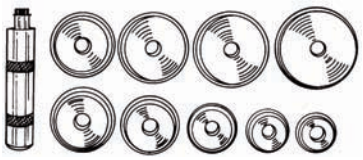
Description	Part No.
1/4" T-Handle Ratchet	08-0231
3/8" T-Handle Ratchet	08-0226

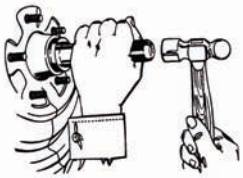


SCRATCH BRUSH

Removes rust, scale, paint, and solder from metal surfaces.

Description	Part No.
Shoe Handle Scratch Brush	LS14180
Scratch Brush	LS14160





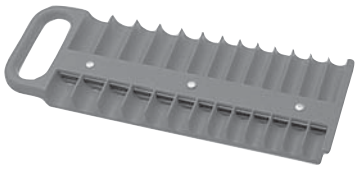
SET INCLUDES ONE OF EACH OF THE FOLLOWING DRIVERS:

DRIVER PART NO.	SIZE
12610	1.565"
12620	1.750"
12630	1.965"
12640	2.325"
12710	2.470"
12650	2.555"
12690	2.830"
12700	2.995"
12970	3.180"

BEARING RACE AND SEAL DRIVER—MASTER SET

Make it easier to insert bearing race and seals without damage to race. This master set includes nine drivers to fit most standard bearings.

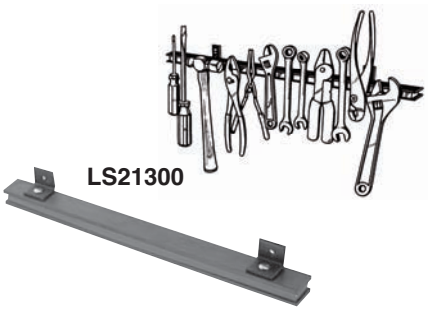
Description	Part No.
Bearing Race and Seal Drive	LS12980



MAGNETIC SOCKET HOLDERS

Standard and deep sockets fit on one convenient holder with powerful magnets, securely holding on to any steel surface. Red color only.

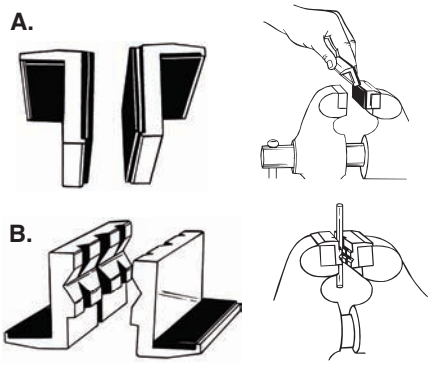
Description	Part No.
1/4" Holder with 26 Compartments	LS40120



MAGNETIC TOOL HOLDERS

Powerful magnet holds even heavy hand tools. Ideal for both home and shop.

Description	Part No.
13" Long Magnetic Tool Holder	LS21300



RUBBER-FACED & ALUMINUM VISE JAW PADS

These vise jaw pads are designed to protect delicate

Description	Part No.
A. Rubber-faced Vise Jaw Pads	LS48100
B. Aluminum Vise Jaw Pads	LS48000

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Adapter Kit Included!

FLUID EXTRACTOR

- Empties oil in 15 pumps or less
- Extracts warm or cold oil
- Pressure relief valve allows easy transportation and storage
- Single-hand-ease effortless operation
- Tethered cap
- Delivers gulp-free, mess-free performance
- Complete adapter kit is included featuring three extraction tubes

Description	Part No.
Fluid Extractor (6.5 Liter Fluid Extractor)	CJ-169-S
Fluid Extractor Tube Replacement Kit	72-13117A

**Note: Not for use with gasoline.*



RULE FLAT TANK ELECTRIC OIL EXTRACTOR

Eliminate those costly yard service fees with the new quick, clean, compact electric oil extractor. Includes a 3-1/2 gallon compact self-priming diaphragm pump for extraction and an easy pour spout for oil transfer.

- 3.5 gallon (13 liter) leak proof container
- Designed for ease of carrying
- Complete with dipstick, suction tube & battery clamps
- Empties and stows easily
- Self-priming, dry running, 12 or 24 volt diaphragm pump

Description	Part No.
Electric Oil Extractor	17860-0012



HT MOTO 6 LITER OIL EXTRACTOR

The unit uses a small vacuum system, which pumps fluid through a hose to the 6-liter reservoir. It also includes a pour spout to aid in emptying the reservoir. Pump is removable for easy storage.

Description	Part No.
HT Moto 6 Liter Oil Extractor	OIL01



HT MOTO 15 LITER OIL EXTRACTOR

Ideal for bigger jobs and shops, this larger capacity oil/fluid extractor makes changing the oil on your 4 stroke PWC, snowmobile, ATV, boat, lawn mower, etc. clean and hassle free. Holds up to 15 liters (3.92 gal) in this sturdy portable container with built in pump.

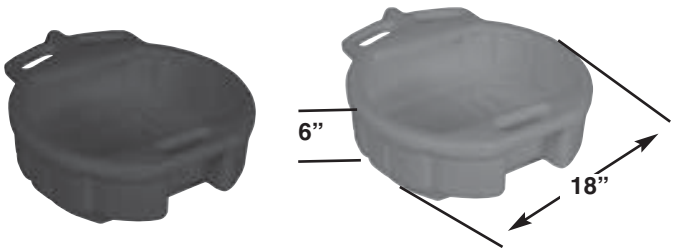
Description	Part No.
HT Moto 15 Liter Oil Extractor	OIL03



SHOP LANYARD

Not legal for riding. For shop testing and repairs only.

Description	Part No.
KPTW, Yamaha, Sea-Doo	A3240
KPTW, Yamaha, Sea-Doo DESS	A3250



4.5 GALLON DRAIN PANS

Now with built-in-ribs for draining filters in the pan. For easy transfer of liquids. High-density polyethylene material is resistant to chemicals and solvents, and is easy to clean. 1" wide diameter spout for quick and easy pouring. The anti-splash lip and baffles help prevent spilling when carrying or pouring. Comes with large, easy-grip handles. Two colors: 17942 is black for oil and 17952 is green for anti-freeze.

Description	Color	Part No.
4.5 Gallon Oil Drain Pan	Black	LS17942
4.5 Gallon Oil Drain Pan	Green	LS17952



RATIO RITE CUP & LID

With Ratio Rite measuring cup get a perfect mix every time. Fill to the pre-calibrated ratio mark and pour into gas. Ratios are from 16:1 to 44:1 for up to 12 gallons. Calibrations also include oz., cc's, and pints.

Description	Part No.
Ratio Cup	59-0548
Ratio Rite Cup Lid	59-0582

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ELME TOOLS SEVED DIAGNOSTIC SYSTEM

Elme Tools has developed the newest essential tool for any PWC mechanic. Elme Tools utilized the newest state of the art technology to develop the "Seved Pro" diagnostic tool.

Seved Pro is the professional multi brand diagnostic solution, it is the most complete tool created for users looking for independence and flexibility in managing jet skis and marine engines.

Seved Pro connects directly to diagnostic socket and read/erase fault codes, output live data, program and reset.

- Multi brand
- Key and remote programming
- Portable and autonomous
- Updates via internet
- Full technical support
- Evolving device

Seved Pro is the only diagnostic tool you will need to purchase. Depending on your requirement, customers are free to configure their own diagnostic tool to manage all engine brands. With the programming facility, you will also be able to program keys and remotes for any PWC brand.

Thanks to Seved Pro, each mechanic will boost business and expand the service offered to their customers

Seved Pro is a complete diagnostic device for:

- BRP Sea-Doo with key programming
- Kawasaki with key programming
- Yamaha with remote programming
- Benelli
- Yanmar
- Weber
- Jet Lev with key programming

Software can also be ordered separately, depending on the services offered to its customers.

Who is Elme Tools?

Elme Tools are the leader in car keys and controls programming. The company's first commercial activity has been focused on code keys and locks adaptation for all kind of vehicles. As time goes on the business philosophy had clearly gone towards a very specific expertise: the generic knowledge of everything related to active safety car system. Immobilizer, central locking (comfort), remote controls, transponders, activation of crypto keys, etc...

In sum, they have been developing diagnostic tools for the past 15 years and have sold so far 14,000 diagnostic devices in more than 100 countries. It is that experience that has allowed the company to expand their business activity to the pwc and marine industry. The company goal is ambitious but simple; bring a complete diagnostic solution to manage pwc engines with efficiency.

Base Unit	Part No.
Seved Pro Diagnostic System Base Unit* This unit includes: Master Cable (ADC300), SEVED PRO Marine Operating Manual (OPM110), Carry case (ADA100), Neoprene case (ADA101), Dongle case (ADA 102), Dongle A (ADC400), USB Cable (ADC153), Power cable (ADC152), Power cable (12 Volts) (ADC450)	**SEVED PRO**

**** Base unit does not include software program. You can purchase software separately, or you can purchase a SEVED Pro Kit, which includes Base Unit and software program listed below.***

Kit (Base Unit + Software)	Part No.
Seved Pro + Software PWC Kit ADS400/401/402/404/405/408	**PWCPACK****

***** Due to upgrade of programs & connectors, pricing may change. Please confirm pricing when placing your order.***

Software	Part No.
BRP, BRP CAN-AM, Jet Lev Diagnostics	**ADS400**
BRP, BRP CAN-AM, Jet Lev Key Programming	**ADS401**
Suzuki 4 Stroke Outboards	**ADS410**
Kawasaki Diagnostics (Including Fitch) + Key Programming (cable ADC419)	**ADS402**
Yamaha PWC & Outboard Diagnostics	**ADS404**
Hydrospace, Benelli, Weber S4	**ADS405**
Yanmar Diagnostics	**ADS407**
Yamaha Remote Programming	**ADS408**

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ThreeBond



1211AT100



1207B100G

THREEBOND SILICONE GASKET

#1211 (White) Silicone Liquid Gasket
High grade silicone liquid gasket used by many OEM's in aluminum case assembly. 1211 is tack free in 90 minutes and fully cured in 24 hours.

#1207B (Black) Quick Dry Silicone Gasket
Crankcase sealer for large gaps, sheet metal, tough to seal areas, and vertical applications. 1207B is tack free in 5 minutes and fully cured in 24 hours.

Description	Part No.
Silicone Liquid Gasket (White)	1211AT100
Quick Dry Silicone Liquid Gasket (Black)	1207B100G



ThreeBond

THREEBOND THREAD LOCK

(Green Label) High Strength Thread Lock #1303
For various threads, screws, bolts and piping joints which must remain secure.

(Red Label) Medium Strength Bearing & Stud Thread Lock #1333B
Retain high-strength properties for bearings and studs. Apply heat to soften for easier removal.

Description	10ml	50ml
High Strength Thread Lock	1303AT000	Not Available
Medium Strength Bearing & Stud	Not Available	1333B50C



1oz. Bottle

CORROSION BLOCK

CORROSION BLOCK MULTI-PURPOSE GREASE

This grease won't soften, breakdown or wash out in wet application. Liquid grease is ideal for use in electrical applications requiring grease.

Description	Part No.
Corrosion Block Liquid 1oz. Bottle	CB-20001



QUICK CRAFT

QuickCraft forms an insoluble coating that binds a layer of water around the hull. As a result, the drag between the hull and the surrounding water is reduced, and the boat slides through the water will less resistance. Results in increased speed and better fuel efficiency.

Description	Part No.
QuickCraft16 oz. bottle	QC16

DUCKY

DUC-1001



"THE ORIGINAL" DUCKY

DUCKY ALL PURPOSE CLEANER — DUC-1001

Use Ducky All Purpose for cleaning: boat hulls, exhaust deposits, upholstery, carpet, other synthetics, chrome, mirrors and windows. Trigger spray activates rich, deep- cleaning foam that penetrates, lifts and suspends grease and grime.

Description	Part No.
All Purpose Cleaner 32oz. (946ml.)	DUC1001



Sticker-On! Decal Application Fluid

No more bubbled on or wrinkled decals.

Description	Part No.
Sticker-On 2 oz.	964

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LAST MINUTE NEW PRODUCTS



PROWATERCRAFT RACING PERFORMANCE SPONSON KIT

ProWatercraftRacing.com "Performance Sponson" kit is designed to improve the riders confidence when riding their SXR or Hydrospace. The design was created by Chris Hagest and proven by few top pro riders like Kevin Reiterer. These Performance Sponsons offer improved turning grip and better stability in a straight line and when leaning over in a turn. This fiberglass sponson is stronger, more durable and comes with a black satin finish to grip the water. The kit includes 8 stainless steel screws for each side and a tube of silicone to attach it to the outside. This process has proven to be the easiest and most effective way to install front sponsons. Race proven, designed by the pros, built for the best in the world.

Description	Part No.
Prowater Racing Performance Sponson Kit	PW-SP-250



EZ-TRIM SYSTEM (THE ORIGINAL)

Easy-Trim System was designed to allow riders of all levels to get a fair amount of trim with a light pull on the lever. The system will give you 30-35 degrees of trim. The system is constructed of anodized billet aluminum for strength and light weight. It can be changed into the straight pull with a few additional accessories. This system is available for Yamaha Superjet or similar pump setups.

Kit includes: trim ring, cable, lever, hardware, reduction nozzle and steering nozzle. It is recommended that you purchase a through hull tube if your PWC is not equipped for a clean and easy installation.

THRUST innovations .com

EZ-Trim System	Color	Part No.
144mm Trim System	Black	TI-EZ-TRIM-BLACK-144
144mm Trim System	Red	TI-EZ-TRIM-RED-144
144mm Trim System	Silver	TI-EZ-TRIM-SILVER-144
155mm Trim System	Black	TI-EZ-TRIM-BLACK-155
155mm Trim System	Red	TI-EZ-TRIM-RED-155
155mm Trim System	Silver	TI-EZ-TRIM-SILVER-155
Thrust Universal Replacement Trim Cable		TI-EZ-TRIM-CABLE



EZ-FLO PRO TRIM SYSTEM

In the works for over the last year, Thrust Innovations has developed the ultimate trim system. With all new tighter tolerances they have increased height, faster turns, and bigger back flips. The tolerance between the reduction nozzle and trim ring are drastically tighter keeping the thrust exiting the pump properly. Adding new tabs where the bolts hold the trim ring, they have decreased blow out the sides of the steering nozzle fixing the left turn bog issues on short hulls. Due to the effects of increased pump pressure, down pitching the prop or boring the nozzles may be necessary to achieve maximum performance. All Thrust EZ Flow Trims come fitted with black aluminum steering nozzles.

THRUST innovations .com

144 Yamaha Nozzle Sizes:
88mm Steering Nozzle

83.5 Reduction Nozzle	Color	Part No.
144mm Trim System	Black	TI-EZ-FLO-PRO-SYST-BLACK-144
144mm Trim System	Red	TI-EZ-FLO-PRO-SYST-RED-144
144mm Trim System	Silver	TI-EZ-FLO-PRO-SYST-SILVER-144

155 Yamaha Nozzle Sizes:
91mm Steering Nozzle

86.5 Reduction Nozzle	Color	Part No.
155mm Trim System	Black	TI-EZ-FLO-PRO-SYST-BLACK-155
155mm Trim System	Red	TI-EZ-FLO-PRO-SYST-RED-155
155mm Trim System	Silver	TI-EZ-FLO-PRO-SYST-SILVER-155

LAST MINUTE NEW PRODUCTS



WATCON WATERPROOF RELAY

This is a direct replacement for the Polaris watercraft & Weber / HSR starter relay. No modifications are required. It also works excellent in all "Total loss' ignition systems or anything requiring a durable 12V starter relay.

This waterproof start relay might save you some troubleshooting, especially in an extremely wet or salt-water environment.

Used with SRPT-1 wiring connector.

Description	Part No.
Watcon Waterproof Relay	WP-R1



WATCON WIRING CONNECTOR

This pigtail connector is used with WP-R1 and SR-01 starter relay assemblies.

Description	Part No.
Watcon Wiring Connector	SRPT-1



KOMMANDER KAWASAKI 1100 ENGINE TRIPLE CARBURETORS SUPPORT RAIL

Solid billet aluminum carburetor rail connector anodized black in color. The carburetor rail connector turns three individual carburetors into one solid unit. This helps prevent damage from vibrations and aids in the installation/removal of the carburetors from the intake manifold or speed plate. (Next production run we are going to engrave "K" logo un the bar.)

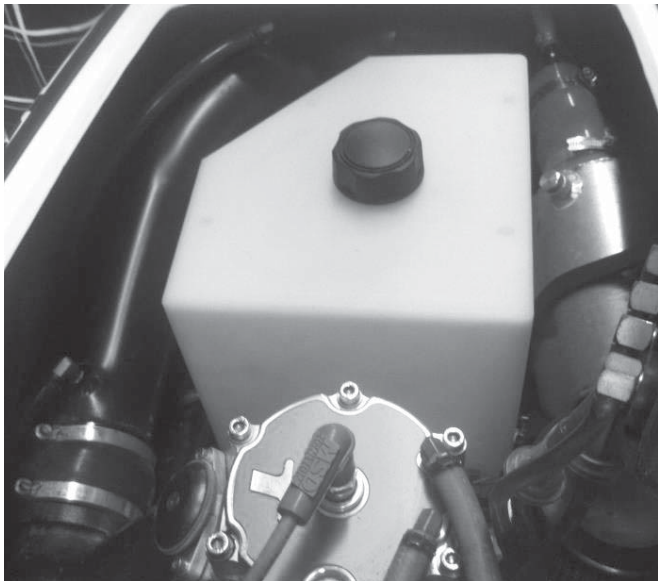
Description	Part No.
Kommander Carburetor Support Rail	KOM-250-RCON



KOMMANDER KAWASAKI 1100 ENGINE OIL INJECTION PUMP BLOCK OFF PLATE

Billet aluminum oil injection block off plate. Stainless allen bolts and O-ring included.

Description	Part No.
Kommander Oil Injection Pump Block Off Plate	KOM-1100-FBO



THRUST INNOVATIONS 5 GALLON GAS TANK

The first and only 5 gallon fuel tank to fit all stand up model watercraft equipped with Power Factor Exhaust. Designed with Crosslink Technology material, this gas tank will last a life time. The tank includes gas cap, filler neck, 2 pick ups, 1 return and 1 vent fitting.

Tanks are available in: Red, Black and Natural.

Description	Color	Part No.
5 Gallon Gas Tank	Black	5GALFTANK-BLK
5 Gallon Gas Tank	Red	5GALFTANK-RED
5 Gallon Gas Tank	Natural	5GALFTANK-NATURAL

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Rok Florjancic - Pro Freestyle



Rok has traveled to compete in Pro Freestyle at some of the most prestigious freestyle events around Slovenia, Europe, Asia and USA.

At a young age he was introduced to the sport by his father Ivan. He was already riding Formula 1 on the water and that's the reason why he loves everything in connection with racing and engine building. Along with his love of the water and racing he is a multi Motocross National Champion, gymnast and enjoys combat sports.



At age 7 he rode a jet ski for the first time and the following year, at Zagreb's Lake Jarun, he competed in parallel slalom and won the event. As his riding progressed there were many racing victories and eventually he began to get bored with Jet Ski Racing. In search of new challenges in the Jet Ski world he found his true passion, Jet Ski Freestyle.

In his home of Slovenia, there were practically no Freestyle competitions, coaches or mechanics to support his new Freestyle career. With limited support in 2001 he won the European Freestyle Championship. At the young age of 17 years, he became World Amateur Freestyle Champion; he was the youngest in history to win the title.

Currently Rok is sponsored by RRP and Rickter which is owned by Rick Roy, a freestyle legend in our sport. The relationship with Rick has elevated Rok's riding and equipment to be one of the top Pro Freestyle competitors in the world. In 2012 Rok completed his and Rick's goal to become the Freestyle World Champion by winning Pro Freestyle at the 2012 Hot Products IJSBA World Finals.

New for 2013

Rick Roy of RRP and RICKTER has purchased a team trailer.

This team trailer will be used to attend events in the USA and also will be used as a support trailer for owners of RICKTER's.

The trailer is sponsored by:
RRP, RICKTER, Hot Products, Factory Zero, DASA Racing, Hydro-Turf, Jet Pilot, Skat-Trak and TC Freeride.




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