SUPER BN MANUAL
For the watercraft tuner working with Super BN series carburetors.

Sea Doo Water Vehicles 1988-1996
Standard GT, GTS, GTX, SP, SPI, XP
Part No. W809-3

Sea Doo Water Vehicles 1997-2001
GS/GS/GSX/GSX RFI/GSX Ltd./GTI/GTX/GTX DI/GTX RFI/GTX Ltd.
HX/LRV/RX/RX DI SP/SPX/XP Ltd.
Part No. W810

Yamaha Water Vehicles 1987-1992
WJ500, WRA650, WR500, SJ650, WR650
Part No. W805

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

JS300, JS550, JS300SX, JS550SX, JS400, JF650X-2, JS440, JS650SX, JF650TS, JL650SC, JB650TS Jet Mate
Part No. W801

Part No. W802

Part No. W804

Polaris Water Vehicles 1993-1995
SL650, SL750, SLT750
Part No. W819

Polaris Water Vehicles 1996-1999
SL650, SL750, SLT750
Part No. W820

Description Part No.
Mikuni Manual 53-9999

2006 WORLD FINALS • LAKE HAVASU, AZ
PHOTO COURTESY OF JIN OMURA
Plastic T Fitting
3/8" x 3/8" x 3/8"
Part No. 64-0025

Plastic Y Fitting
3/8" x 3/8" x 3/8" (white)
Part No. 64-0045

ZIP TIES
(Sold in Packages of 100)

Plastic T Fitting
Part No. 64-0025

Plastic Y Fitting
Part No. 64-0045
### BRASS FITTINGS

#### Straight Hose Barbed
- 1/8" Thread 1/4" Hose
  - Part No.: 64-0001
- 1/8" Thread 3/8" Hose
  - Part No.: 64-0003
- 1/4" Thread 1/2" Hose
  - Part No.: 64-0005

#### Barb Connector
- 1/4" I.D. Hose—1/4" I.D. Hose
  - Part No.: 64-0057
- 3/8" I.D. Hose—3/8" I.D. Hose
  - Part No.: 64-0058
- 1/2" I.D. Hose—1/2" I.D. Hose
  - Part No.: 64-0059

#### Brass Push in Nipple
- 1/8" Straight
  - Part No.: 53-9936
- 1/4" Straight
  - Part No.: 53-9937

#### 90 Degree
- 1/8" Pipe thread 3/8" Hose
  - Part No.: 64-0007
- 1/4" Pipe thread 1/2" Hose
  - Part No.: 64-0009
- 1/8" Pipe thread 1/4" Hose
  - Part No.: 64-0010

#### Garden Hose Adapter
- 3/8"
  - Part No.: 64-0012
- 1/2"
  - Part No.: 64-0014

#### Press-in 90 Degree Fuel Inlet
- 1/4" 90 Degree
  - Part No.: 44

#### 45 Degree
- 1/8" Pipe thread 1/4" Hose
  - Part No.: 64-0065
- 1/8" Pipe thread 3/8" Hose
  - Part No.: 64-0066
- 1/4" Pipe thread 1/2" Hose
  - Part No.: 64-0067

#### Brass Fitting
- 1/8" Pipe threaded junction
  - Part No.: 64-0011
- 1/8" to 1/4" Adapter
  - Part No.: 64-0013
- 9mm Yamaha Flush Adapter
  - Part No.: 64-0004

#### Brass Push in Nipple
- 1/8" Straight
  - Part No.: 53-9936
- 1/4" Straight
  - Part No.: 53-9937

#### T-Fitting
- Primer Fitting 1/8" x 1/8" x 1/8"
  - Part No.: 64-0015
- Primer 1/4" x 1/4" x 1/8"
  - Part No.: 64-0017
- Fuel Line 1/4" x 1/4" x 1/4"
  - Part No.: 64-0019

#### Brass Threaded Plug
- 1/8" Threaded Plug
  - Part No.: 64-0016
- 1/4" Threaded Plug
  - Part No.: 64-0018

---

2006 WORLD FINALS • LAKE HAVASU, AZ
PHOTO COURTESY OF JIN OMURA
STAINLESS STEEL HOSE CLAMPS

<table>
<thead>
<tr>
<th>Clamps</th>
<th>Max. Size</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>#5</td>
<td>(for waterline)</td>
<td>64-0030</td>
</tr>
<tr>
<td>#36</td>
<td>2 3/4&quot; - 1 13/16&quot;</td>
<td>64-0032</td>
</tr>
<tr>
<td>#48</td>
<td>3 1/2&quot; - 2 9/16&quot;</td>
<td>64-0031</td>
</tr>
<tr>
<td>#60</td>
<td>4 1/4&quot; - 3 5/16&quot;</td>
<td>64-0033</td>
</tr>
<tr>
<td>#72</td>
<td>5 - 4 1/16&quot;</td>
<td>64-0034</td>
</tr>
<tr>
<td>#80</td>
<td>5 1/2&quot; - 4 9/16&quot;</td>
<td>64-0035</td>
</tr>
</tbody>
</table>

T-BOLT CLAMPS

<table>
<thead>
<tr>
<th>Size</th>
<th>Width</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>3/4&quot;</td>
<td>64-0080</td>
</tr>
<tr>
<td>3-1/4&quot;</td>
<td>3/4&quot;</td>
<td>64-0081</td>
</tr>
<tr>
<td>4-1/2&quot;</td>
<td>3/4&quot;</td>
<td>64-0082</td>
</tr>
<tr>
<td>5&quot;</td>
<td>3/4&quot;</td>
<td>64-0084</td>
</tr>
<tr>
<td>5-1/4&quot;</td>
<td>3/4&quot;</td>
<td>64-0085</td>
</tr>
<tr>
<td>5-1/2&quot;</td>
<td>3/4&quot;</td>
<td>64-0086</td>
</tr>
</tbody>
</table>

SQUEEZE ON STAINLESS STEEL CLAMPS

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pincer Tool</td>
<td>59-4015</td>
</tr>
<tr>
<td>Clamp for 1/4&quot; Hose (10 pcs/pk)</td>
<td>59-4016</td>
</tr>
<tr>
<td>Clamp for 3/8&quot; Water Line (10 pcs/pk)</td>
<td>59-4017</td>
</tr>
<tr>
<td>Clamp for 1/2&quot; Water Line (10 pcs/pk)</td>
<td>59-4018</td>
</tr>
</tbody>
</table>

Hose Shears

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Shears</td>
<td>59-4020</td>
</tr>
</tbody>
</table>

WATER LINE HOSE

Sold per foot.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/8&quot; Blue</td>
<td>56-8000</td>
</tr>
<tr>
<td>1/2&quot; Black</td>
<td>56-8003</td>
</tr>
<tr>
<td>1/2&quot; Blue</td>
<td>56-8004</td>
</tr>
<tr>
<td>3/8&quot; Clear Vinyl</td>
<td>56-8007</td>
</tr>
<tr>
<td>3/8&quot; Light Blue, Soft</td>
<td>56-8010</td>
</tr>
</tbody>
</table>

FUEL FEED AND VENT HOSE

Designed to meet fuel hose specification for SAE J1527 and ISO 7840. This hose meets all the requirements of the USCG, NMMA, ABYC. 25 feet/pk.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Fuel Feed &amp; Vent Hose</td>
<td>360-014</td>
</tr>
</tbody>
</table>

FUEL LINE

Fuel line is made from a thick walled polyurethane tubing. Sold per foot. or 25 feet/pk.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue (1/4&quot;) per foot</td>
<td>53-9970</td>
</tr>
<tr>
<td>Blue (1/4&quot;) 25 feet/pk</td>
<td>53-9970-25</td>
</tr>
<tr>
<td>Primer Line (1/8&quot;) per foot</td>
<td>53-9980</td>
</tr>
<tr>
<td>Primer Line (1/8&quot;) 25 feet/pk</td>
<td>53-9980-25</td>
</tr>
</tbody>
</table>
## FUEL SYSTEM SERVICE TOOLS

### CARB SCREW ADJUSTING TOOL
Angled head for the hard-to-reach carb adjustment screws

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carb Screw Adjusting Tool</td>
<td>53-9994</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 Degree 1/4” Hex Driver</td>
<td>08-0229</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Removal Pliers</td>
<td>LS47900</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Pinchers</td>
<td>LS23000</td>
</tr>
</tbody>
</table>

### HOSE PINCHER
Quick, easy way to pinch off fuel lines, etc. without damaging the line. Sold two per set.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hose Pinchers</td>
<td>LS22850</td>
</tr>
</tbody>
</table>

### HAND REAMER JET SET
Cleans jets the right way.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6pcs Reamer Jet Set</td>
<td>59-0603</td>
</tr>
</tbody>
</table>

### POP-OFF GAUGE
For accurate adjustment of pop off pressure levels.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mikuni Gauge</td>
<td>53-9996</td>
</tr>
<tr>
<td>30 Lbs.</td>
<td>53-9996</td>
</tr>
<tr>
<td>60 Lbs.</td>
<td>53-9996-60</td>
</tr>
<tr>
<td>100 Lbs.</td>
<td>53-9996-100</td>
</tr>
<tr>
<td>Aftermarket Thumb Operated</td>
<td>53-9995</td>
</tr>
</tbody>
</table>

### ROTARY VALVE TIMING WHEEL

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary Valve Timing Wheel</td>
<td>012-170</td>
</tr>
</tbody>
</table>

### 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mikuni Tool Kit</td>
<td>53-9989</td>
</tr>
</tbody>
</table>
ENGINE / EXHAUST SYSTEM SERVICE TOOLS

**QUICK RELEASE RING COMPRESSOR**
Ring Compressor makes it easy to remove ring from piston. Range is from 2-1/8” – 5” (54.2mm – 127mm).

**Description** | **Part No.**
--- | ---
Quick Release Ring Compressor | LS19000

**HEAD PULLER FOR KAWASAKI HEADS**
Pull straight up from the spark plug hole while using the studs for leverage.

**Description** | **Part No.**
--- | ---
Head Puller for Kawasaki | 59-0209

**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

**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

**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

**CONVERSION TABLE**

<table>
<thead>
<tr>
<th>Linear Measure</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>centimeter (cm.)</td>
<td>0.3937 inch</td>
</tr>
<tr>
<td>meter (m.)</td>
<td>3.2808 feet / 1.0936 yards</td>
</tr>
<tr>
<td>kilometer (km.)</td>
<td>0.6214 mile</td>
</tr>
<tr>
<td>inch (in.)</td>
<td>2.54 centimeters</td>
</tr>
<tr>
<td>foot (ft.) = 12 inches</td>
<td>30.48 centimeters</td>
</tr>
<tr>
<td>yard (yd.) = 3 feet</td>
<td>0.914 centimeters</td>
</tr>
<tr>
<td>rod (rd.) = 5.5 yards</td>
<td>5.280 meters</td>
</tr>
<tr>
<td>chain (ch.) = 4 rods</td>
<td>20.117 meters</td>
</tr>
<tr>
<td>furlong (fur.) = 10 chains</td>
<td>201.17 meters</td>
</tr>
<tr>
<td>mile (mi., mi.) = 5280 feet</td>
<td>1.609 kilometers</td>
</tr>
<tr>
<td>league (l.) = 3 miles</td>
<td>4.828 kilometers</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Avoirdupois Weight</th>
<th>Conversion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gram (g.)</td>
<td>0.0353 oz. avdp.</td>
</tr>
<tr>
<td>kilogram (kg.) = 1,000 grams</td>
<td>2.2046 lb. avdp</td>
</tr>
<tr>
<td>metric ton (M.T.)</td>
<td>1.1023 short tons</td>
</tr>
<tr>
<td>0.9842 long ton</td>
<td></td>
</tr>
<tr>
<td>grain (gr.)</td>
<td>0.0648 gram</td>
</tr>
<tr>
<td>dram (dr. avdp.) = 27.34 grams</td>
<td>1.7178 grams</td>
</tr>
<tr>
<td>ounce (oz. avdp.) = 16 drams</td>
<td>28.3495 grams</td>
</tr>
<tr>
<td>pound (lb. avdp)</td>
<td>453.592 grams</td>
</tr>
<tr>
<td>hundredweight (cwt.)</td>
<td>453.592 kilograms</td>
</tr>
<tr>
<td>(US) = 100 pounds</td>
<td>45.3592 kilograms</td>
</tr>
<tr>
<td>(UK) = 112 pounds</td>
<td>50.8024 kilograms</td>
</tr>
<tr>
<td>ton (t., tn.)</td>
<td>2,240 pounds</td>
</tr>
<tr>
<td>(US) = short ton</td>
<td>0.907 metric ton</td>
</tr>
<tr>
<td>(UK) = short ton</td>
<td>1.106 metric ton</td>
</tr>
</tbody>
</table>

**PISTON RING INSTALLER**
Quickly removes and installs “O” rings and seals. Tips are hardened to stay sharp.

**Description** | **Part No.**
--- | ---
Piston Ring Installer | LS33500

**“O” RING AND SEAL PICK**

**Description** | **Part No.**
--- | ---
“O” Ring and Seal Pick | LS31840

**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 | 59-0252

**CARBIDE GASKET SCRAPER**
Six-sided carbide blade cuts smoother and lasts longer.

**Description** | **Part No.**
--- | ---
Carbide Gasket Scraper | LS51650
Replacement Carbide Blade | LS51660
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

SPARK PLUG TOOLS

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
Replacement Bulb Assembly LS26970

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 59-0253

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
**ELECTRIC SYSTEM SERVICE TOOLS**

**WATERPROOF TERMINAL REPAIR KIT**

Description | Part No.
--- | ---
Japanese OEM Type Connector Kit | 59-0601

**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 | 3505
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 LIGHTS**

MSD offers a heavy duty top quality timing light. This timing light is supplied in a heavy duty metal housing and features a high output Linear Xenon strobe with a focused fresnel lens that produces a light that's bright enough to use outdoors. It is equipped with a 6 foot lead and uses a metal inductive pickup that clamps to the spark plug wire.

Description | Part No.
--- | ---
Timing Light | 8990

**TDC DIAL INDICATOR KIT**

Perfect for indicating TDC (Top Dead Center) when setting ignition and rotary valve timing. CNC-machined spark plug hole (14mm) adapter. 1" travel dial indicator. Rotating Bezel. Measures in .001" increments.

Description | Part No.
--- | ---
TDC Indicator | MT-DIAL

**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

**FLYWHEEL PULLER**

**MAGNETO FLYWHEEL PULLER**

Sea Doo

- Part No.
  - Sea Doo 800/951 38mm x 1.5 | MP#42
  - Kawasaki 900/1100 35mm x 1.5 | DS#29

**MAGNETO FLYWHEEL PULLER**

Yamaha

- Part No.
  - 500/650/Pre 94 701 | DS#26
  - 701/760/800/1100/1200 | DS#37

**MAGNETO FLYWHEEL PULLER**

Kawasaki

- Part No.
  - 300/440/550/650 | DS#37
  - 750/800 | MP#18
  - Special 18mm x 1.5 Right Hand Bolt

- A. B. C. D. E. F.
IMPELLER HOLDER TOOL

Sea Doo
A. 580/650/720/800/951 All
18mm spline
Part No. DS#23

POLARIS
B. Polaris ALL & long reach univ.
Part No. DS#38

IMOPELLER SHAFT HOLDER TOOL
FOR YAMAHA

Yamaha
C. WR500, WJ650LX
16mm spline
Part No. DS#27

D. 650/701/760/1100/1200
18mm spline
Part No. DS#32

E. GP1200R
20mm spline
Part No. DS#56

IMPELLER HOLDER TOOL

Kawasaki
F. 440/550-89
16mm spline
Part No. DS#24

G. 650/750/900/1100
18mm spline
Part No. DS#23

DRIVE COUPLER TOOLS

Use to remove drive coupler from crankshaft and sub-shaft.

Description Part No.
650/701 DS#60-3
760/800/1100/1200 DS#61-5

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

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

RATIO CUP & LID

Description Part No.
Ratio Cup 59-0548
Lid 59-0582

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

SCRATCH BRUSH

Removes rust, scale, paint, and solder from metal surfaces.

Description Part No.
I. Shoe Handle Scratch Brush LS14180
J. Scratch Brush LS14160

SHOP LANYARD

Not legal for riding. For shop testing only.

Description Part No.
SHOP LANYARD A3240

IMPELLER SHAFT HOLDER TOOL
FOR POLARIS

POLARIS

B. Polaris ALL & long reach univ.
Part No. DS#38

THE PUMP SYSTEM SERVICE TOOLS AND SHOP TOOLS

FREESTYLE & BOOSER

FOUR STROKE
**SUPER OUT 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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Super Out Extractor Set</td>
<td>62900</td>
</tr>
</tbody>
</table>

**T-HANDLE RATCHET**
Features a compact design that allows it to be used even in tight spaces.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; T-Handle Ratchet</td>
<td>08-0231</td>
</tr>
<tr>
<td>3/8&quot; T-Handle Ratchet</td>
<td>08-0226</td>
</tr>
</tbody>
</table>

**BALL END ALLEN SET**
Made of chrome-vanadium tool steel. Size available 1.5, 2, 2.5, 3, 4, 5, 6, 8, & 10mm. Ball end allows for better access to allen-head bolts (up to 25 degree working angle.)

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ball End Allen Set</td>
<td>08-0185</td>
</tr>
</tbody>
</table>

**STUD INSTALLATION TOOLS**
Will install cylinder and intake manifold studs. Hex head is 3/4" or 19mm.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm x 1.00 Stud Tool</td>
<td>59-0212</td>
</tr>
<tr>
<td>8mm x 1.25 Stud Tool</td>
<td>59-0213</td>
</tr>
<tr>
<td>10mm x 1.25 Stud Tool</td>
<td>59-0214</td>
</tr>
</tbody>
</table>

**IMPACT DRIVER SET**
For easy removal of Mikuni Valve body screws without damage.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Impact Driver Set</td>
<td>59-0605</td>
</tr>
</tbody>
</table>

**TORX® SOCKET SET FOR SEA DOO**
Special Star Sockets for Sea Doo 4-Tec & DI engine bolts are made 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)

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Torx Socket Set</td>
<td>LS26750</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1/4&quot; Holder with 26 compartments</td>
<td>LS40120</td>
</tr>
<tr>
<td>3/8&quot; Holder with 28 compartments</td>
<td>LS40200</td>
</tr>
</tbody>
</table>

**MAGNETIC TOOL HOLDERS**
Powerful magnet holds even heavy hand tools. Ideal for both home and shop.

<table>
<thead>
<tr>
<th>Description</th>
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<tbody>
<tr>
<td>13&quot; long Magnetic Tool Holder</td>
<td>LS21300</td>
</tr>
<tr>
<td>24&quot; long Magnetic Tool Holder</td>
<td>LS21400</td>
</tr>
</tbody>
</table>

**RUBBER-FACED & ALUMINUM VISE JAW PADS**
These vise jaw pads are designed to protect delicate parts from damage. Sold in pairs.

<table>
<thead>
<tr>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A. Rubber-faced Vise Jaw Pads</td>
<td>LS48100</td>
</tr>
<tr>
<td>B. Aluminum Vise Jaw Pads</td>
<td>LS48000</td>
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</table>

**T-HANDLE ALLEN WRENCH**

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<tr>
<th>Description</th>
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<tbody>
<tr>
<td>5mm – 6&quot; long T-Handle</td>
<td>59-0307</td>
</tr>
<tr>
<td>5mm – 9&quot; long T-Handle</td>
<td>59-0309</td>
</tr>
<tr>
<td>8mm – 9&quot; long T-Handle</td>
<td>59-0311</td>
</tr>
</tbody>
</table>

**DOC ALLEN’S VERSATOOL**
- Lightweight
- Compact
- Multi-Function
- Stainless Steel
- Use in Tight Places

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<tr>
<td>Compact Tool Set</td>
<td>VERSATOOL</td>
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</tbody>
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**SHOP TOOLS**

**DOC ALLEN’S VERSATOOL**
- Lightweight
- Compact
- Multi-Function
- Stainless Steel
- Use in Tight Places

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<tr>
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