



service information

ADVISORY
 BULLETIN

No. 2001-20

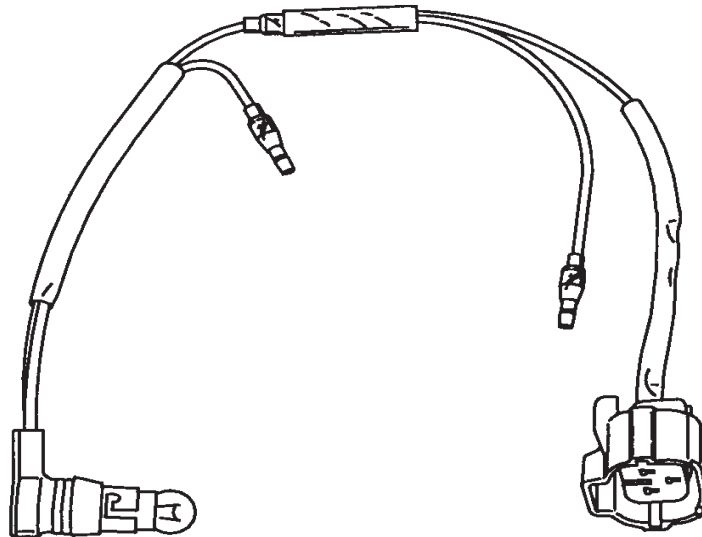
Circulate to: Sales Manager Accounting Service Manager Technician Parts Manager

New Special Tools and Service Aids

- Diagnostic Lamp 91-884793A1
- Direct Injector Removal Tool 91-883521
- Pressure Gauge Hose Extension 91-881835
- Electrical Harness Seal Kit 91-881814A1

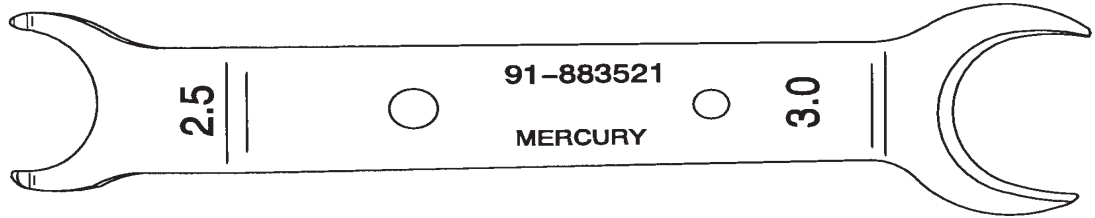
Diagnostic Lamp P/N 91-884793A1

New service tool 91-884793A1 is required for the 2002 model year 115 HP, EFI 4 stroke outboard. The new tool consists of the previous diagnostic lamp 99056A1 and an additional harness with terminal.



Direct Injector Removal Tool P/N 91-883521

Tool was designed to aid in removal of direct injectors from the Optimax cylinder heads. The tool will apply even pressure under the injector pulling it straight out of the head, preventing damage to the injector. One end of the tool is marked 2.5, which is for the 115 thru 175 HP, 2.5 Liter. The other end is marked 3.0, which is used for the 200/225 HP, 3.0 Liter.



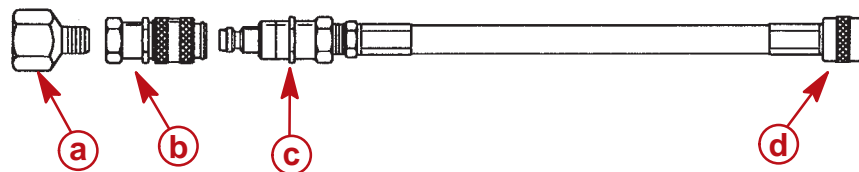
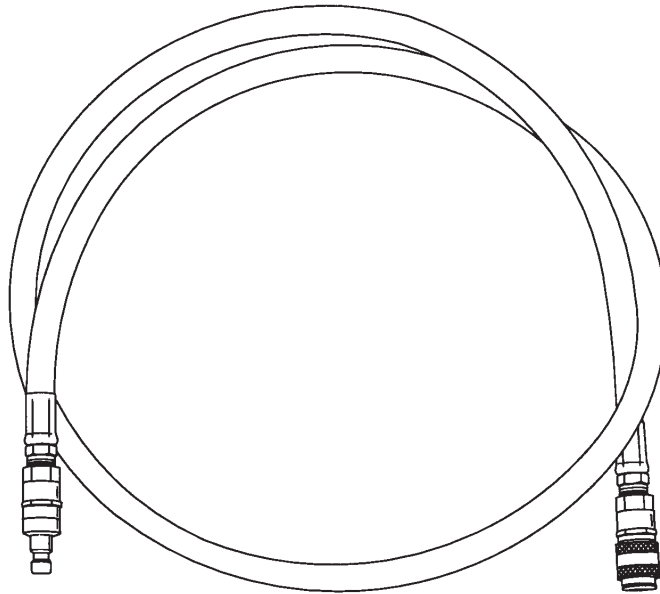
Pressure Gauge Hose Extension P/N 91-881835

Pressure gauges may be difficult to read and/or keep away from water spray and boat back wash, while the boat is underway. This 4 foot hose extension will allow the gauge to be moved forward away from the engine. Extension has smaller style quick disconnects on both ends, for ease of removal and installation.

The extension will fit:

- Single pressure gauges P/N 91-16850A7, 91-881833A2
- Twin pressure gauges 91-852087A3, and 91-881834A1
- Pressure gauges that have been upgraded with adapter kit 91-803804A2.

NOTE: Adapter has been available for some time shown below for reference.



ADAPTER P/N 91-803804A2

- a** - 1/2 to 1/4" Adapter (required for some older gauges)
- b** - Female Quick Disconnect
- c** - Male Quick Disconnect
- d** - Screw on Schrader

Electrical Harness Seal Kit P/N 91-881814A1

Kit contains 6 each of 14 different electrical seals found in Optimax, EFI, and 4 stroke electrical connections. Each seal has a separate part number (listed below), which allows the kit to be replenished. Decal/instruction sheet in the inside of cover will list the seal part numbers and description.



Part number	Description and number of wire	Color of seal
26-878461-3	Ignition Coil 3-way	GREEN
26-878463-3	MAP Sensor 3-way	PURPLE
26-878461-4	CDM 4-way	LIGHT BLUE
26-878463-2	Temperature Sender 2-way	GRAY
26-878466	DDT test port 2-way	GREEN
26-878461-2	Oil pump 2-way	LIGHT BLUE
26-878462	Direct Injector 2-way	LIGHT BLUE
26-878464-2	Fuel Pump 2-way	GREEN
26-878465	Relay 5-way	GREEN
26-878464-6	Fuses 6-way	GREEN
26-878464-8	Fuses 8-way	GREEN
26-878463-8	Boat 8-way	TAN
26-878463-6	SS-V6, 6-way	LIGHT BLUE
26-878463-4	Stator 4-way	TAN