MERCURY MerCruiser service bulletin

No. 2001-2

☐ WARRANTY INFORMATION ☑ SERVICE INFORMATION

This bulletin replaces bulletin 96-4. Destroy that older bulletin.

Quicksilver DDT Scan Tool

Models

Mercury/Mariner EFI, DFI, Optimax, 3.0L Carb and 25-40 hp 4-cycle Outboards.

Mercury Racing EFI Outboards and MerCruisers.

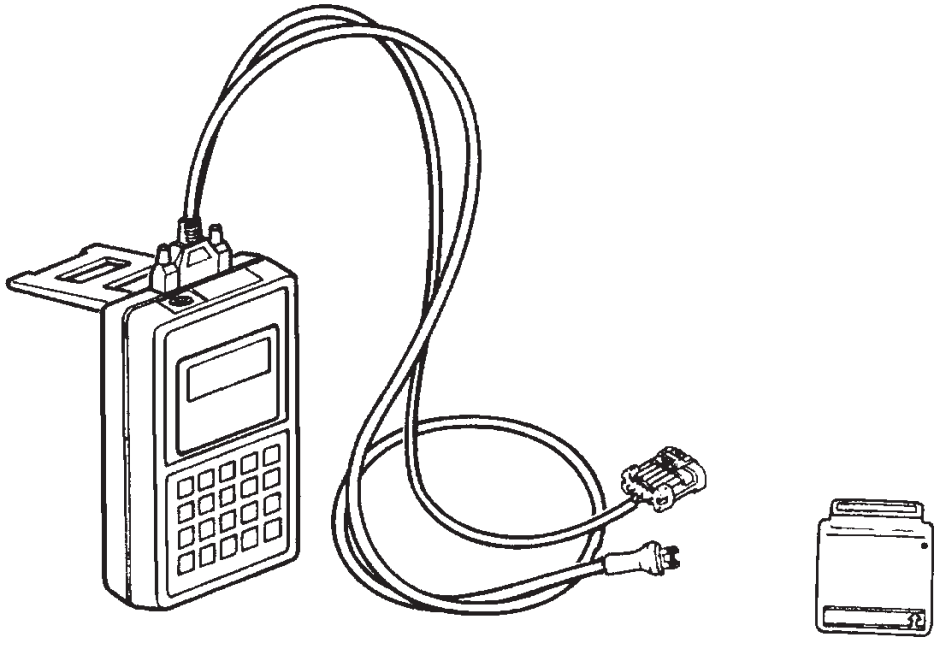
MerCruiser EFI and MPI Models including PCM 555.

MerCruiser 1997 and Newer Carb Models with Thunderbolt V Ignition System.

Digital Diagnostic Terminal (DDT) and Cartridge

This hand held Scan Tool is easy to use. The flexible sealed keypad, rubber boot and rugged design will provide many years of service. It comes with a 10-foot (3 m) cable. Adapter cables are used to connect the DDT to Data Link Connector (DLC) on the engine. There are separate Cartridges for Mercury/Mariner Outboards and MerCruiser products. Instructions with the Cartridges and Service Manuals will tell how to connect the DDT to the engine.

The DDT, when used with the correct cartridge, and the product's Service Manual will allow the technician to properly diagnose and repair engine systems. Engine functions can be monitored while the engine is running to aid in diagnosis and will display any stored trouble codes. On MerCruiser engines, the DDT is used to set the base engine timing on MEFI-1/-2/-3 ECM models.



75722

Printed in U.S.A. - © 2001, Mercury Marine
provided by http://www.crowleymarine.com

Ordering

DDT Scan Tool

91-823686A 2	Digital Diagnostic Terminal (DDT)

Mercury/Mariner Outboard Cartridges

91-822608 6	v5.0 – For non-PCM 555 Outboards.
91-880118 1	v1.1 – For PCM 555 Outboards. (Used on MerCruiser also).

Mercury/Mariner Outboard Adapter Harnesses

84-822560A 1	1994 3.0L Carb Engines.
84-822560A 5	1994-1/2 and up 2.5L EFI (with 824003 ECM only). 1994-1/2 Pro Max/Super Max/Super Magnum. 1997 and up DFI/OptiMax Outboards.
84-822560A 6	1995 and up 3.0L EFI and Carb Outboards. (Use with 84-822560A 7).
84-822560A 7	1995 and up 3.0L EFI and Carb Outboards. (Use with 84-822560A 6).
84-822560A 8	All Hi-Performance 2.0L/2.5L EFI Outboards (with 11350A ECM only). (Use with 84-822560A 7).
84-822560A10	25-40 hp 4-cycle Outboards. (Use with 84-822560A 7).
84-822560T11	Extension Harness, 2-pin 15 ft (4.57 m) long. (Use with 84-822560A 5).
84-875232T 1	2000 Digital OptiMax Outboards only. ‘This T’ Harness allows the DDT to be connected under the dash at the 5-pin tachometer harness outlet.

Mercury/Mariner Outboard Injector Test Harnesses

84-830043A 1	1986 and up 2.4L/2.5L/3.0L EFI Outboards. (Use with 84-822560A 7). 1982 and up Hi-Performance 2.0L/2.4L/ 2.5L/3.4L EFI Outboards. (Use with 84-830043A 2).
84-830043A 2	1982 and up Hi-Performance 2.0L/2.4L/2.5L/3.4L EFI Outboards (including Offshore models). (Use with 84-830043A 1).

MerCruiser Cartridges

91-803999	v2.0 – For MEFI-1/-2/-3 ECM models. (Can also read RPM history on 1997 and up Thunderbolt V ignition modules).
91-880118 1	v1.1 – For PCM 555 models. (Used on Outboards also).

provided by http://www.crowleymarine.com

MerCruiser Adapter Harnesses

84-822560A 2	For MEFI-1/-2/-3 ECM models.
84-822560T12	For PCM 555 models (adapts 4-pin MerCruiser connector to 2-pin 84-822560A 5 Outboard harness).
	OR
84-822560A13	For PCM 555 models (4-pin connectors, no additional harness required).
84-861540A 1	1997 and up V6 and V8 Carb Engines with Thunderbolt V Ignition. Allows rpm history stored in Ignition Module to be read. (Use with 84-822560A 7).

DDT Accessories

84-825003A 1	Replacement 10 ft. (3 m) 25-pin Harness for DDT.
91-804805	Heavy Duty Carrying Case for DDT.

Not sold by Mercury Marine. Order these parts from Owantonna Tool Company.

USA And Canada:	Phone 800.328.6657	Fax 800. 578.7375
International:	Phone 810.578.7247	Fax 810.578.7321

Website: www.spx.com

OTC P/N 3305-30	Replacement Rubber Protector Boot for DDT.
OTC P/N 3285	Hard Copy Printer (12v, use with P/N 212536 cable).
OTC P/N 212535	PC Adaptor Cable (9-pin).
OTC P/N 212536	PC Adaptor Cable (25-pin).

provided by http://www.crowleymarine.com