service bulletin

TO: SERVICE MANAGER ☐ TECHNICIANS ☐
PARTS MANAGER ☐

No. 96-4

Quicksilver Digital Diagnostic Terminal (DDT)

NOTICE

Revised September 1998. Destroy September 1997 Bulletin. Changes are underlined.

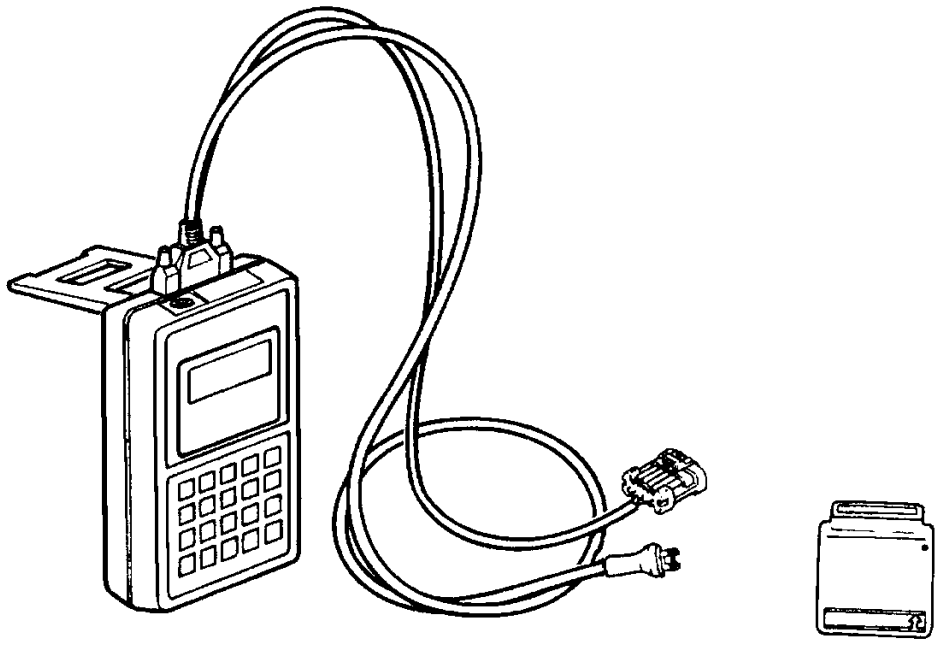
Models

Mercury and Mariner EFI, DFI, 3.0L Carb Engines and 25-40 hp 4-cycle Outboards.
Mercury Hi-Performance EFI Outboards.
MerCruiser EFI and MPI Models.

Digital Diagnostic Terminal (DDT) and Cartridges

This hand held, menu driven tool is easy to use. The liquid crystal display has 4 lines with 80 characters available for data. The flexible sealed keypad, rubber boot and rugged design will provide many years of service. The DDT comes with a 10-foot (3 m) cable. Adapter cables are used to connect the DDT to Data Link Connector (DLC) on the EFI or MPI engine. There is one Cartridge for Mercury/Mariner Outboards and one for 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 EFI and MPI systems including the injectors. Also, certain engine functions can be monitored while the engine is running to aid in diagnosis. On MerCruiser engines, the DDT is used to set the base engine timing plus it will display any trouble codes stored in the ECM.



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Part Number	Description
91-823686A 2	Digital Diagnostic Terminal (DDT)
Mercury/Mariner Outboards	
91-822608 5	Cartridge 5.0 - Mercury/Mariner EFI, DFI, 3.0L Carb, 25-40 hp 4 cycle and Hi-Performance EFI Outboards.
84-822560A 1	Adapter Harness - 1994 3.0L Carb Engines.
84-822560A 5	Adapter Harness - 1994-1/2 and up 2.5L EFI (with 824003 ECM only) and 1997 and up DFI Outboards.
4-822560A 6	Adapter Harness - 1995 and up 3.0L EFI and Carb Outboards. (Use with 84-822560A 7 Adapter Harness).
84-822560A 7	Adapter Harness - 1995 and up 3.0L EFI and Carb Outboards. (Use with 84-822560A 6 Adapter Harness).
84-822560A 8	Adapter Harness - All Hi-Performance 2.0L and 2.5L EFI Outboards (with 11350A_ ECM only). (Use with 84-822560A 7 Adapter Harness).
84-822560A10	Adapter Harness - 25-40 hp 4-cycle Outboards.
84-830043A 1	Injector Test Harness - 1986 and up 2.4L, 2.5L and 3.0L EFI Outboards. (Use with 84-822560A 7 Adapter Harness). 1982 and up Hi-Performance 2.0L, 2.4L, 2.5L and 3.4L EFI Outboards. (Use with 84-830043A 2 Adapter Harness).
84-830043A 2	Adapter/Injector Harness - 1982 and up Hi-Performance 2.0L, 2.4L, 2.5L and 3.4L EFI Outboards. (Use with 84-830043A 1 Injector Test Harness).
MerCruiser	
91-803999	Cartridge 2.0 - 1993 and up MerCruiser EFI (TBI) and MPI Products with MEFI-1, -2 or -3 ECMs. Can also read RPM history on 1997 and later Thunderbolt V.
84-822560A 2	Adapter Harness - 1993 and up EFI (TBI) and MPI Engines.
84-861540A 1	Adapter Harness - 1997 and up V6 and V8 Carb Engines with Thunderbolt V Ignition System. This harness allows technician to read RPM history stored in Ignition Module. (Use with 84-822560A 7 Outboard Adapter Harness).

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