

TO: SERVICE MANAGER TECHNICIANS
PARTS MANAGER

No. 87-7

Test Equipment For MCM 320 EFI Fuel Injection System

Two new pieces of test equipment are now available to aid in trouble shooting electronic fuel injection systems. An EFI tester (P/N 91-11001A2) which is used to test the ECU (Electronic Control Unit) and a fuel pressure gauge (P/N 91-16850) which is used to check the fuel pump and fuel regulator. These two pieces of test equipment are unique in that the EFI tester (Figure 1) is the only accurate way to test the ECU and the fuel pressure tester (Figure 2) has a fitting to adapt to a Schrader type valve for ease in making the test. Both pieces come with an instruction book.

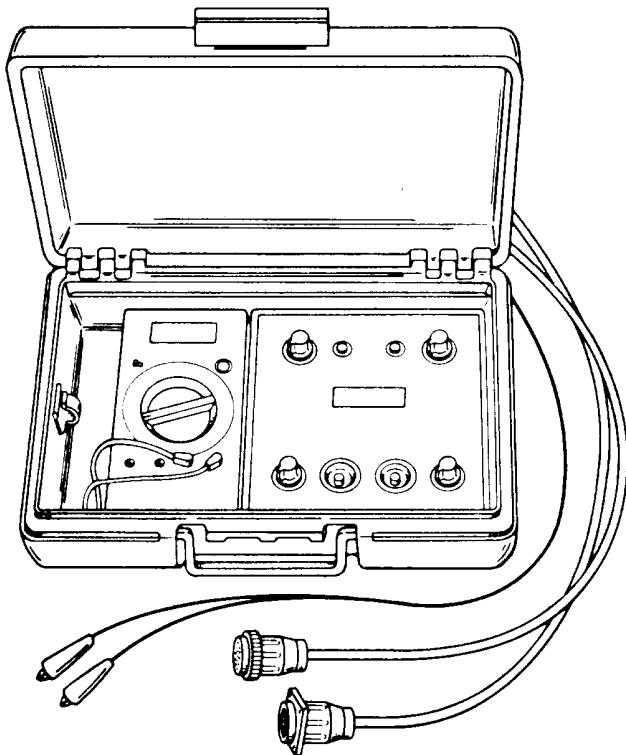


Figure 1.

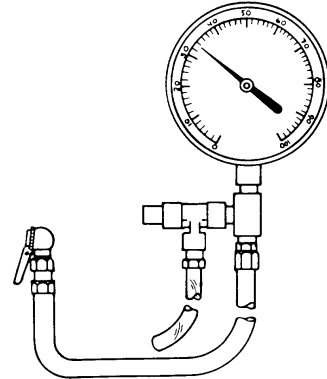


Figure 2.

MCM 470/485 Flywheel, Part No. 251-7714A1

MerCruiser has been informed by the supplier of the 251-7714A1 flywheel that they will no longer be able to supply the part. Because of this the flywheel is being superseded to a ring gear assembly (P/N 43-97433A1). Instructions are supplied with the ring gear for proper removal and installation. A very small amount of complete flywheels are being held in Quicksilver stock for emergency replacement in case of a total failure. These flywheels will only be released by special request to your Quicksilver Parts Department.

IMPORTANT: Ring gear failures must be repaired with a replacement ring gear.

Borg-Warner Transmission Fluid Change

The Transmission Fluid Recommendation for Borg-Warner transmissions, has been changed from Automatic Transmission Fluid (ATF) to 10 weight (wt.) Tractor Hydraulic Fluid. The 10 wt. Tractor Hydraulic Fluid must meet the Detroit Diesel Allison Type C3 and/or Caterpillar TO-2 specification on the container. The new fluid is compatible with ATF. The new recommendation in the "Owners and Operation Manuals" will read as follows.

Fill transmission with 10 wt. Tractor Hydraulic Fluid meeting the C3/TO-2 specification. (Such as Mobil 423, Chevron, or Citgo).