



MERCRUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 69-15-11

Date : 7/22/69

Cut individual items along broken lines and attach in appropriate sections of your MerCruiser Service Manual.

- A. Exhaust Water Shutter Noise - MerCr. 120-140-160 (Sec. VIII)
- B. Spark Plug Interchangeability - 120-140-160-200 (P. 16 Sec. V)
- C. Engine Water Inlet Restrictor - MerCr. 200 (P. 19B Sec. II)
- D. Cast Iron Manifold Exchange - MerCr. 110-140 (Section VIII)

A. EXHAUST WATER SHUTTER NOISE - MerCruiser 120-140-160

(For Engine, Mechanical Section VIII)

The exhaust water shutter, located in the MerCruiser 120-140-160 exhaust tube, may make a rattling noise at idle speed. This noise is caused by a loose fit between the shutter shaft and support brackets and can be corrected as follows:

1. Loosen hose clamps which fasten exhaust bellows to exhaust tube.
2. Remove screws, which fasten exhaust elbow to manifold, and remove elbow and bellows. Scrape gasket material from manifold and elbow.
3. Thoroughly clean area between shutter support brackets and exhaust tube with cleaning solvent and a small brush or pipe cleaner.
4. Fill entire area between support brackets and tube with Sealant (C-92-52238-1). Allow sealant to cure for 24 hours. (Figure 1)
5. Reinstall elbow, using new gasket, and connect bellows. Tighten hose clamps securely.

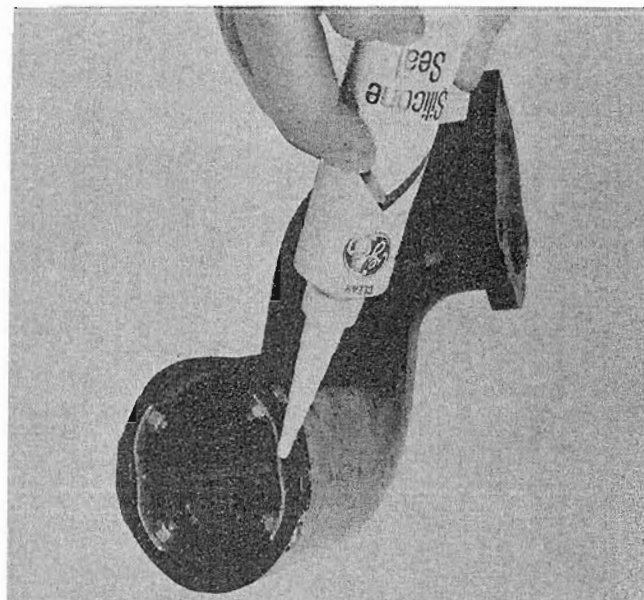


Figure 1. Sealant Application

B. SPARK PLUG INTERCHANGEABILITY - MerCruiser 120-140-160-200

(For P. 16 of Ignition System Section V)

AC resistor-type spark plug CR44N is being used on present production of MerCruiser 120-140-160-200 Engines. They also are interchangeable with C44N spark plugs. As a service item, CR44N plugs can be used on previously produced MerCruiser 110-120-140 (6-cyl.)-160-200.

B-33-54527

Spark Plug, AC-CR44N

\$ 1.55 U.S. List

B-33-37405

Spark Plug, AC-C44N

1.17 U.S. List

C. ENGINE WATER INLET RESTRICTOR - MerCruiser 200

(For P. 19B of Installation Section II)

MerCruiser 200 Engine sea water pumps have a plastic restrictor (B-19-52153) with a 1/2" (12.7mm) hole installed in the pump inlet when the engine is shipped from the factory. Engine installers have been removing this restrictor and discarding it, thinking that it is a shipping plug.

It is extremely important that the restrictor be left in the pump inlet, since it regulates the cooling water volume and pressure. If the restrictor is removed, cooling system damage may result. In several cases, cooling system hoses have blown off because of excessive pressure when the restrictor was not used.

B-19-52153

Plastic Restrictor

\$.10 U.S. List

D. CAST IRON MANIFOLD EXCHANGE - MerCruiser 110-140

(For Engine, Mechanical Section VIII)

(Reference: Service Bulletin No. 68-8, Dated 2/28/68)

When installing a cast iron manifold on the engines listed below, a new water temperature gauge is necessary because the old water temperature sender cannot be used with the new manifold assembly, and the new sender (supplied with the new manifold) will not function with the old temperature gauge.

MerCruiser 110 - Serial No. 1565943 and below

Serial No. 1566082 thru 1602979

MerCruiser 140 - Serial No. 1566118 and below

B-46797A1

Temperature Gauge

\$ 16.35 U.S. List