



MERCUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 70-16

Date : 8/14/70

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

B. MerCruiser Power Trim Reverse Lock Valve Leakage (Sec. X)

C. MerCruiser 140 Timing Gears (For Section VIII)

D. Defective Water Temperature Senders (Section X)

E. MerCruiser 215 Gimbal Housing Leakage (Section IX)

B. MERCUISER POWER TRIM REVERSE LOCK VALVE LEAKAGE

(For Miscellaneous Section X)

If a Power Trim reverse lock valve leaks thru the valve cover "O" ring, the condition can be corrected as follows:

1. Remove valve cover.
2. First install washer (C-12-59570), then a new "O" ring (C-25-45711) in valve cover. Position washer between "O" ring and cover.
3. Apply Loctite 35 (C-92-58254A1) on screw threads when installing cam-to-cam lever screw.
4. Reassemble and readjust valve.

NOTE: This washer (C-12-59570) presently is incorporated in reverse lock valve assembly production.

C. MERCUISER 140 TIMING GEARS (For Engine Mechanical Section VII)

A hollow, rapping sound may be heard on some MerCruiser 140 Engines (Serial No. 2911135 and below) when accelerating and decelerating thru a 500-to-2000 RPM speed range. This sound may be caused by the timing gears and is not an indication of gear failure, nor does it harm the engine.

If an owner insists, however, that the noise be eliminated, install a new timing gear set (B-43-58283A1). MerCruiser 140 Engines (Serial No. 2911136 and above) have the new gears.

Parts	B-43-58283A1	Timing Gear Set	C-27-52145	Gasket, Rocker Arm Cover
Required	C-27-52144	Gasket Set, Oil Pan	C-27-34213	Gasket, Fuel Pump
	C-27-49953	Gasket, Timing Gear Cover	C-27-34486	Gasket, Distributor
	C-27-34208	Gasket, Push Rod Cover		

Flat Rate Labor Time Allowance: Code 4E38 - 8.4 Hrs.
Code 4E38C - .3 Hr.

D. DEFECTIVE WATER TEMPERATURE SENDERS - ALL MODELS (For Miscellaneous Section X)

If a MerCruiser water temperature gauge indicates a high operating temperature (needle in red zone), but the engine is not overheating, the water temperature sender (B-36525) may be defective. A manufacturing defect has been found on some senders with date codes of N-9 and earlier (N-8, N-7, etc) stamped on sender body.

B-36525

Temperature Sender

\$2.70 U.S. List

Flat Rate Labor Time Allowance: 0.2 Hr.

E. MERCUISER 215 GIMBAL HOUSING LEAKAGE (For Drive Units Section IX)

Some gimbal housings have been found leaking thru the casting near the exhaust relief holes (located on bottom of housing near the exhaust elbows). To correct this problem, coat the sides of each hole with sealer (C-92-52238-1) and insert one tube (C-32-59563A1) into each exhaust relief hole as shown in Figure 1.

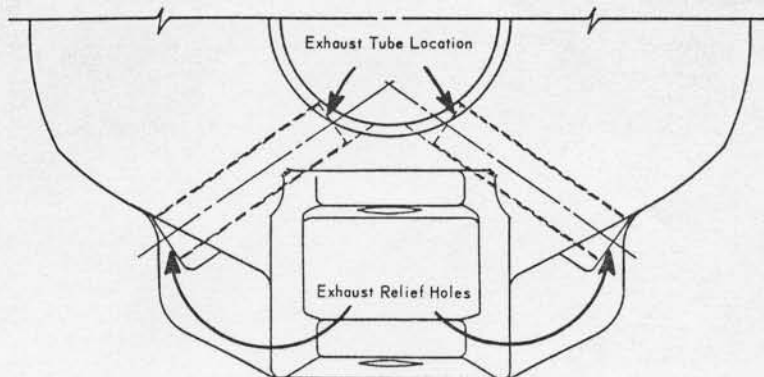


Figure 1. Exhaust Tube Location

C-32-59563A1

Tube Assembly, Exhaust Relief

\$.90 U.S. List