



# MERCUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 70-14-20

Date: 7/7/70

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

- A. MerCruiser 140 Timing Gear Noise (For Section VIII)
- B. Defective Water Temperature Sender (For Section X)
- C. Hydraulic & Pneumatic "O" Ring & Repair Kits (Sec. X)

## A. MERCUISER 140 TIMING GEAR NOISE (For Engine Mechanical Section VIII)

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

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

Parts required are:

Quan.	Part No.	Description
1	B-43-58283A1	Timing Gear Set
1	B-27-52144	Gasket Set, oil pan
1	B-27-49953	Gasket, timing gear cover
1	B-27-34208	Gasket, push rod cover
1	B-27-52145	Gasket, rocker arm cover
1	B-27-34213	Gasket, fuel pump
1	B-27-34486	Gasket, distributor

Flat rate labor time allowance:

Code 4E38 - 8.4 Hrs.

Code 4E38C - .3 Hr.

## B. DEFECTIVE WATER TEMPERATURE SENDER (For Miscellaneous Section X)

If a MerCruiser water temperature gauge indicates 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, N-6, etc) stamped on the sender body.

B-36525

Temperature Sender

\$3.00 U.S. List

Flat rate labor time allowance: .2 Hr.

## C. HYDRAULIC and PNEUMATIC "O" RING and REPAIR KITS (For Miscellaneous Section X)

KIT PART NO.	DESCRIPTION	U.S. LIST
B-38592A1	Tilt & Shock Cylinder Repair Procedure (MCI)	2.15
B-45522A1	Trim Cylinder Repair Kit (MCI)	5.35
C-25-38893A1	Sender Repair Kit Hydraulic Shift (MC 0-60-80-90)	1.65
C-25-38894A1	Receiver Repair Kit Hydraulic Shift (MC 0-60-80-90)	1.10
C-25-48177A1	MC I Hydraulic Trim Indicator Sender ("O" Ring Kit)	1.30
C-25-48283A1	MC III Hydraulic Trim Indicator Sender ("O" Ring Kit)	1.90
C-25-36324A1	Power Steering Cylinder Kit (B-36259A1)	7.50
C-25-58224A1	Power Steering Cylinder Kit (B-52777A1 & A2)	2.20
C-25-58226A1	Power Steering Control Valve Nut & Seal Kit	3.05
C-25-36125A2	Power Shift Assembly Repair Kit	6.95