



MERCRUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: ~~65~~ 65-12

Date : 11/12/65

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

- A. Thermostat - All MerCruiser Engines
- B. Installation of Jet-Type Propellers
- C. Engine Coupler Assembly - MerCr. I
- D. Universal Joint Front Yoke Replacement
- E. High Pressure Pump Hose Installation
- F. Caution before Servicing Fuel System
- G. Thermostat Elbow Assembly - MerCruiseRover Diesel

A. THERMOSTAT - ALL MERCUISER ENGINES

(For Chart on Page 8 of General Information Section I)

The thermostat, which is installed in all MerCruiser engines as standard equipment, is 143° F (62 °C). Add this information to the chart on Page 8 of Section I of your service manual.

B. NEW RECOMMENDED INSTALLATION PROCEDURE FOR JET TYPE PROPELLERS

(For PP 25A, 22B & 8C of Installation Section II)

Occasionally, installation of the propeller cannot be made according to the instructions in the maintenance manual. In those cases, proceed as follows:

1. Apply a thin coat of ANTI-SEIZE Compound (C-92-38349) on splines of propeller shaft.
2. Install thrust hub (and backing washer, if required) on propeller shaft.
3. Align propeller hub splines with splines of propeller shaft and slide propeller on shaft.

NOTE: Do not tap against diffuser ring, as it may bend out-of-shape or crack welds loose. If propeller splines fit snug, use the following procedure:

- a. Turn splined propeller shaft washer over and install on propeller shaft. Install propeller shaft nut and tighten until propeller is pressed on propeller shaft all the way.
- b. Remove propeller shaft nut and splined washer.
- c. Install splined washer, propeller nut tab washer (if required) and propeller shaft lock nut.
- d. Tighten propeller shaft locknut securely and bend tabs of tab washer (if tab washer is required).

C. ENGINE COUPLER ASSEMBLY - MERCUISER I

(For Pages 26 & 75 of Engine Mechanical Section VIII)

The MerCruiser I engine coupler assembly (B-32492A2) will be replaced by B-38965A1 on MerCruiser 110 & 120 models only. MerCruiser II & 140-150 models still require B-32492A2 couplers.

D. UNIVERSAL JOINT FRONT YOKE REPLACEMENT

(For Pages 18, 43 & 62 of Drive Unit Section IX)

Universal joint front yokes now are available as service replacement parts for MerCruiser drive units. Order replacement yokes from the following list:

	<u>Yoke - Stub</u>	<u>Cross & Bearing</u>
MerCruiser "O"	B-39412	B-36311
MerCruiser IA-IB-IC	B-39385	B-36312
MerCruiser II	B-39496	B-36312

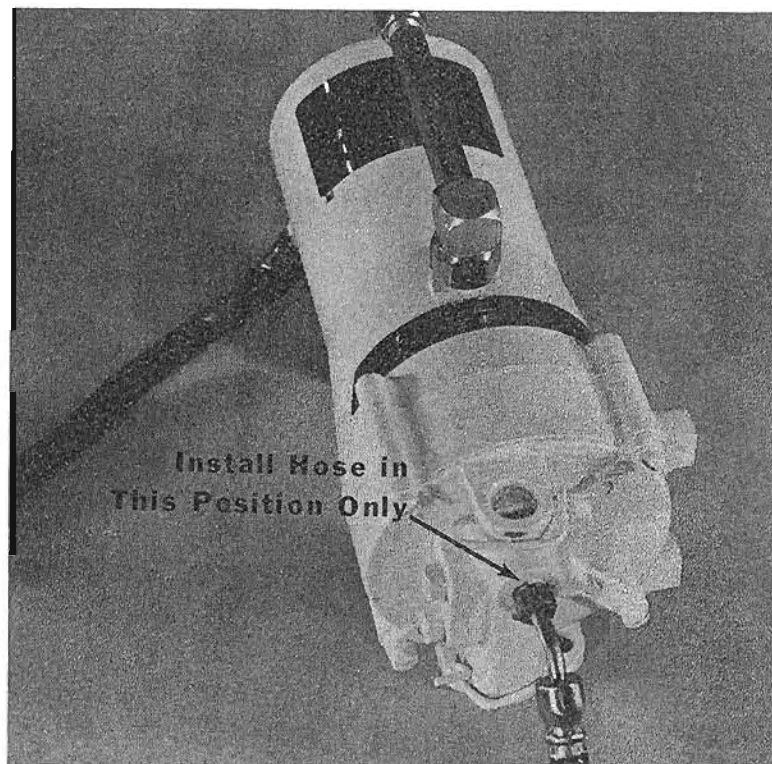
E. HIGH PRESSURE PUMP HOSE INSTALLATION

(For Page 5E of Installation
Section II)

CAUTION: It has been brought to our attention that occasionally the hydraulic pump hose has been installed in the wrong location on the pump. The hose must be installed in the forward hole in bottom lug, as shown in Figure 1.

Figure 1.

Pump Hose Location ►



F. CAUTION BEFORE SERVICING FUEL SYSTEM

(For Page 1 of Fuel System & Carburetion Section VII)

Before servicing the fuel system, always be sure to disconnect the negative (-) battery terminal. This will prevent accidental shorting which may ignite fuel that is spilled when fuel lines are disconnected.

G. THERMOSTAT ELBOW ASSEMBLY - MERCUISEROVER DIESEL

(For Page 20 of MerCruiseRover Section XIII)

The elbow from the heat exchanger to the thermostat housing (B-36975) (Figure 2) is superseded by Part No. B-38947A1, a thermostat elbow replacement kit. This elbow incorporates a flexible hose between flange elbows which eliminate the possibility of water leaks from rigid joints. (Figure 3) Install the new kit, no charge, on each MerCruiseRover -- which you have sold or which is operated in your area -- when a unit requires service, or if a leak occurs at these joints.

B-38947A1

Thermostat Elbow Replacement Kit

\$11.25 U.S.

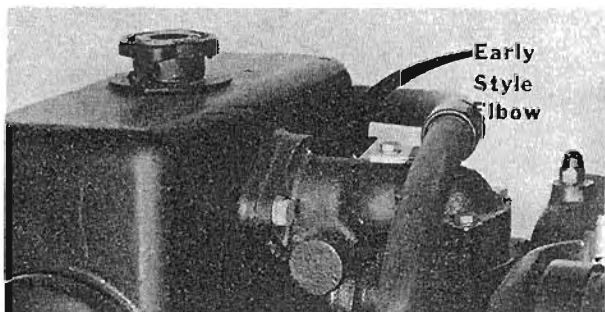


Figure 2. Early Style Elbow

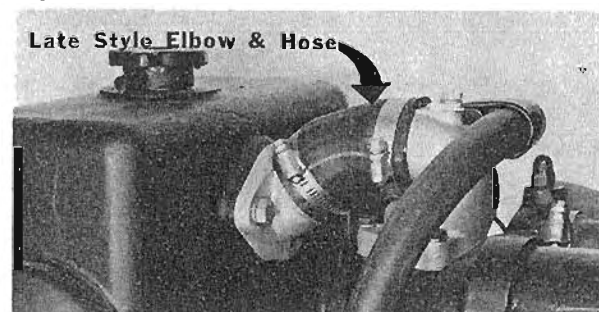


Figure 3. New Style Elbow & Hose