

SERVICE BULLETIN

MERCruISER STERN DRIVES and ENGINES

Number: 76-5
Date : 12/1/75



| | | | | |
|---------------|--------------|------------|-----------|--|
| CIRCULATE TO: | SERVICE MGR. | PARTS MGR. | MECHANICS | Place in Your "Service Bulletins" Binder |
|---------------|--------------|------------|-----------|--|

- A. MerCruiser Steel Fuel Line Inspection
- B. New MerCruiser Steering Pump Tool - C-91-71803A1
- C. II-TR Transmission Oil Cooler Draining and Winterizing

A. MERCruISER STEEL FUEL LINE INSPECTION

(Attach Bulletin Reference Sticker to P. 1A-16 of Your Service Manual.)

Steel fuel lines on 1975 and earlier engines are susceptible to rusting around the fittings. The ends of the fuel line are not painted. To prevent rusting on the unpainted surface, a coat of Perfect Seal (C-92-34227) must be applied to the unpainted area around and under the fitting on the fuel line.

This inspection and procedure is considered a service maintenance check. If the fuel line is pitted from rust, it must be replaced.

B. NEW MERCruISER STEERING PUMP TOOL (C-91-71803A1)

(Attach Bulletin Reference Sticker to P. 9A-7 of Your Service Manual.)

The new Power Steering Pump (B-71317A1) has a press fit pulley, and new tool C-91-71803A1 is required to install the pulley.

C-91-71803A1

Power Steering Pump Pulley Installation Tool

C. II-TR TRANSMISSION OIL COOLER DRAINING and WINTERIZING

(Attach Bulletin Reference Sticker to P. 1A-12 of Your Service Manual.)

On all 225, 255 and 280 Engines with II-TR transmissions, the following procedures must be followed to prevent damage to the transmission oil cooler from freezing.

1. Drain transmission oil cooler by removing cooler outlet hose "A" at point "1". (Figure 1)
2. After water has been removed, reinstall hose.
3. Fill transmission oil cooler with anti-freeze as follows:
 - a. Engines WITH Power Steering: Remove Power Steering oil cooler drain plug "B". (Figure 1) Remove transmission cooler outlet hose "A" from exhaust elbow point "2" (Figure 1) and pour anti-freeze (mixed at manufacturer's recommendation) into hose (a small funnel may be used) until anti-freeze appears at Power Steering oil cooler drain. Reinstall Power Steering cooler drain plug "B" and reattach hose "A".
 - b. Engines WITHOUT Power Steering: Remove transmission cooler inlet hose "C" from seawater pump. Remove transmission output hose "A" from exhaust elbow, point "2". Pour anti-freeze (mixed at manufacturer's recommendation) into cooler outlet hose "A" until anti-freeze appears at seawater pump end of oil cooler hose. Reattach hoses.

(OVER)

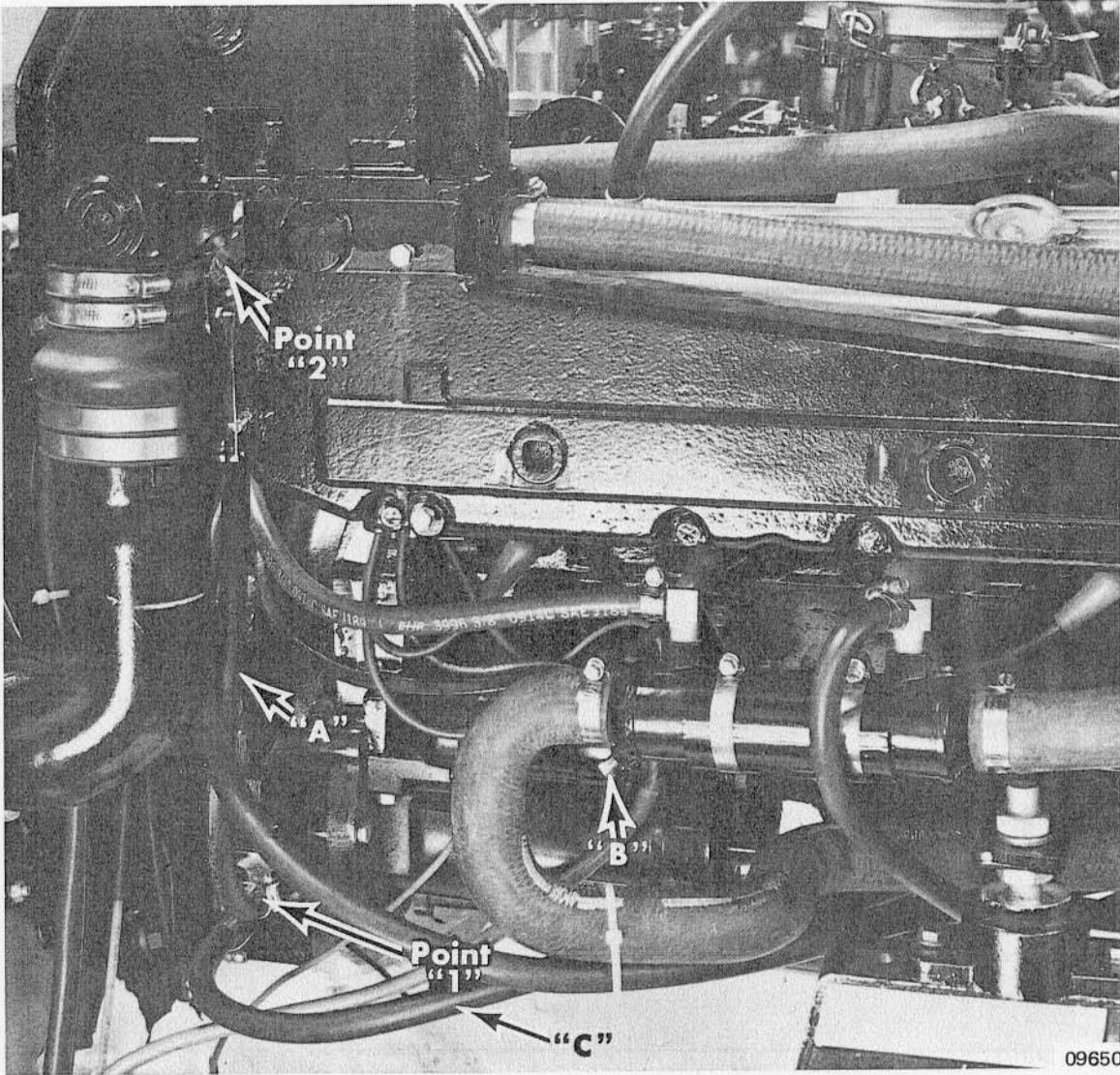


Figure 1. Transmission Oil Cooler