



MERCUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 67-1608

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

- A. Extra-Duty Gear Lube Appearance (Sec. XI)
- B. MerCruiser Fuel Lines (P. 4 of Sec. VII)
- C. Bulk 8-Wire Harness Cable (Sec. X)
- D. Heavy Duty Water Pump Kit - 80 (Section IX)

- E. MerCruiser Accessories (Section X)
- F. Support Bracket - 120-160 (Sec. II)
- G. Shifting Diff. - 120-160 (Sec. II)
- H. Charging Output - 80 (Section II)

A. EXTRA-DUTY GEAR LUBRICANT APPEARANCE

(For P. 18 of Tool Section XI)

Reports, which question the appearance of silver particles in Extra-Duty Gear Lubricant, have been received from some dealers who thought it to be metal particles.

In reality, the silver particles are part of the additive of Extra-Duty Gear Lubricant which have been separated from the oil base. This in no way will affect the lubricating qualities. If the oil is rubbed between the fingers and thumb, no roughness should be felt. If it feels rough or sharp, this would indicate the presence of metal chips, at which time the gear housing should be disassembled and inspected.

B. MERCUISER FUEL LINES

(For P. 4 of Fuel System & Carburetion Section VII)

Occasionally, we are queried about Coast Guard regulations in reference to flexible fuel lines. These regulations, from "Rules and Regulations for Small Passenger Vessels", subchapter T, CG-323 of U.S.C.G., Treasury Department, state:

"182.15-40 (a) (2) Where flexibility is necessary or desired, a reasonable length of suitable flexible hose may be used provided it is fitted with proper connection fittings and has high resistance to salt water, petroleum oils, heat and vibration and is adequately reinforced by metallic or non-metallic reinforcement."

The fuel lines, which are used on MerCruisers, comply with these rules and regulations.

C. BULK 8-WIRE HARNESS CABLE (For Miscellaneous Section X)

An 8-wire harness extension cable has been released in bulk length for use with all MerCruiser engines. The cable may be ordered in any length in one foot increments. Order the number of feet desired under quantity ("Quan.").

C-45805

Bulk Harness Cable

\$.55 Per Ft. U.S. List

D. HEAVY-DUTY WATER PUMP KIT - MerCruiser 80 (For P. 12 of Drive Unit Section IX)

A heavy-duty water pump kit (B-46-45609A4) now is available for the MerCruiser 80. A heavy-duty water pump should be installed where rigs are operated in sand or salt-laden water. Order as follows:

B-46-45609A4

Heavy-Duty Water Pump Kit - MerCr. 80

E. MERCUISER ACCESSORIES

(For Miscellaneous Section X)

The following listed accessories are available for MerCruiser engines which are equipped with Quick Disconnect terminals:

Part No.	MerCruiser Model	Extension Harness Description	U.S. List
B-45131	60	20 Ft. Quick Disconnect	\$39.50
B-45145-5	80-120-160-225	5 Ft. Quick Disconnect	14.90
B-45145-20	80-120-160-225	20 Ft. Quick Disconnect	21.70
B-45593A1	4 & 6-Cyl. & 225	Dual Instrumentation Kit, Quick Disconnect	39.95

F. ENGINE FRONT SUPPORT BRACKET - MerCruiser 120 and 160 (For P. 9A of Installation Section II)

An engine front support bracket (B-47170A1) has been released for MerCruiser 120 and 160 model twin installation on deep "V" boats. When twin engine installation is to be made on deep "V" boats, exchange bracket B-32778, which is supplied with the engine, for the new bracket (B-47170A1). New bracket has 6½" (16.5cm) bolt hole centers and is 6" (15.2cm) high. Minimum engine center distance for dual mounting in deep "V" boats is 28" (71.1cm).

G. SHIFTING DIFFICULTY - MERCUISER 120 and 160 (For P. 19A of Installation Section II)

Shifting difficulties with MerCruiser 120 and 160 drive units may be caused by one of the following:

1. Excessive paint on the switch actuating arm mounting lug.
2. A bent cable end guide in the shift actuating cable slide.

These difficulties may be remedied by:

1. Removing paint from the mounting lug and lubricating with Anti-Corrosion Grease (C-92-45134A1)
2. Straighten the brass cable end guide or replace it.

H. MERCUISER 80 CHARGING OUTPUT (For Installation Section II)



It has been brought to our attention that, occasionally, the external wiring harness is not being plugged into the voltage regulator properly. This condition will show as a full charge on the ammeter at all times above half-throttle and eventually will cause damage to the battery.

To remedy this possibility, remove the harness plug from the voltage regulator and be certain that the terminals are making proper contact. If a terminal is found in a condition as shown in Figure 1, straighten the terminal, apply a di-electric type compound, such as DC-4 (C-92-24108-1), and reinstall the plug properly.

◀ Figure 1. Defective Terminal