



MERCUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 66-2A 66-

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

- A. Power Tilt Hydraulic Hose Install. - MerCr. IA-IB-IC (P. 5 Sec. II)
- B. Tachometer Service and Replacement (Section II)
- C. Flame Arrestors - 4-and-6-Cyl. Engines (P. 15 Section VIII)
- D. Water Pump Housing Liner (PP 11 & 14D Section IX)

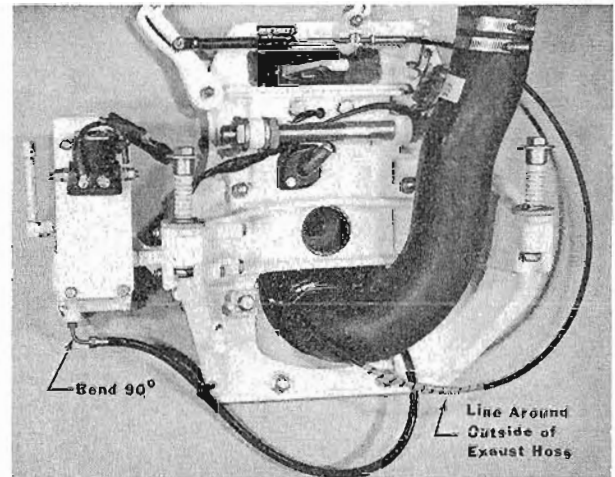
A. POWER TILT HYDRAULIC HOSE INSTALLATION - MERCRC. IA-IB-IC [Reprinted Bulletin]

(For Page 5 of Installation Section II)

To eliminate possibility of engine coupling damaging hydraulic pump hose, the hose is routed around outside of exhaust hose. (Figure 1)

On new installations, or when replacing hydraulic hose, it is important that hose be installed as shown in figure on right.

Hydraulic pump hose, which may be damaged when installed other than as shown, right, cannot be covered under the factory warranty policy.



B. TACHOMETER SERVICE AND REPLACEMENT

(For PP 26A-thru-31A and 25B-26B-27B of Installation Section II)

Some MerCruiser tachometers are being replaced as defective in the field because 1) engine does not start, 2) needle fluctuates or 3) calibration is incorrect.

When these tachometers are returned to the Service Division at the factory, they are tested on a special apparatus at various speeds for accuracy. In most cases, tachometers of inaccurate calibration or tachometers, on which the needle fluctuates, can be corrected by turning adjustment screw on the back of the tachometer.

If tachometer lead wire (brown) must be removed from ignition coil before engine will start, the following should be checked before replacing tachometer:

1. Wiring harness
2. Tachometer connections
3. Tachometer installation which may cause tachometer body to distort.

Upon completing inspection of tachometer and wiring, tachometer should be rechecked by attempting to start engine. If engine does not start, or tachometer continues to fluctuate, it, then, will be necessary to replace the tachometer.

C. FLAME ARRESTORS - 4-AND-6-CYL. ENGINES (For Page 15 of Carburetion Section VIII)

Flame arrestors on present 4-and-6-cyl. MerCruiser engine production are 1/4" higher to conform to new Coast Guard regulations. Engines manufactured prior to 1966 need not be modified. If a replacement arrestor is required -- because of damage -- the new flame arrestor (C-45180A1) will back-fit on earlier models.

D. WATER PUMP HOUSING LINER (For PP 11 & 14D of Drive Unit Section IX)

Production now is using Gastite between the water pump housing and stainless steel liner on all MerCruiser Stern Drives. Obtain Gastite from your local automotive supplier.