



# MERCUISER SERVICE BULLETIN

Section: II (Installation)

Number: 66-2 06

Date : 6/3/66

- A. Wiring Harness Extension, Quick Connector (PP 24A & 6C)
- B. Hydraulic Shift Tube Connections (P. 3C)
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## A. WIRING HARNESS EXTENSION, QUICK CONNECTOR - MerCr. 4 & 6-Cyl. & "60"

(For PP 24A and 6C of Installation Section II)

A quick connector (plug-in) wiring harness extension assembly now is available for MerCruiser 4 and 6-cylinder and MerCruiser "60" engines installed in longer boats. The harness extension is 20 ft. (6.1m) in length and can be connected between the instrument panel and the engine wiring harness.

- B-45131 20 Ft. Harness Extension, Quick Connector - MerCr. 60 \$39.50 List U.S.
- B-45145 20 Ft. Harness Extension, Quick Connector - MerCr. 4 & 6-Cyl. 39.50 List U.S.

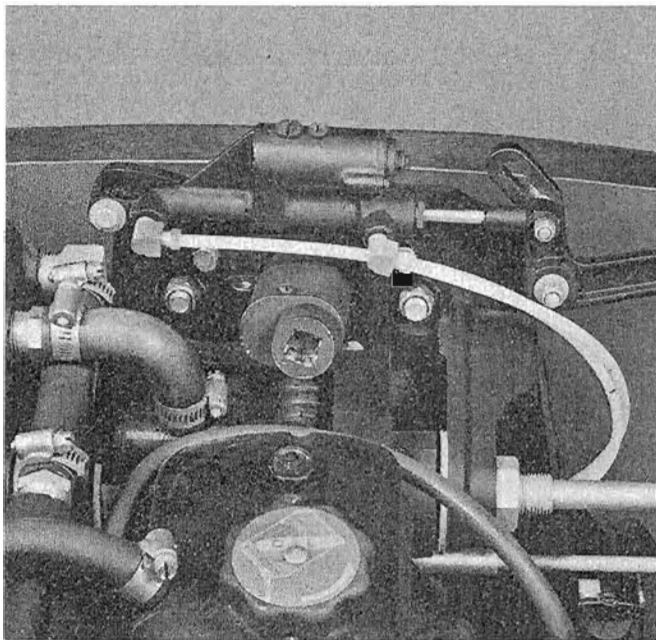


Figure 1. Hydraulic Shift Tube Connections

## B. HYDRAULIC SHIFT TUBE CONNECTIONS - MerCr. "60"

(For P. 3C of Installation Section II)

When installing hydraulic shift tubes on the MerCruiser "60" shift sender unit (mounted on inner transom plate assembly), attach the long hydraulic tube to the left inlet (looking "aft" from inside boat). Attach the short tube to the right inlet. (Figure 1)

Attach the short tube to the upper inlet of shift receiver (located in bell housing) and the long tube to the lower inlet of shift receiver.

## C. MERCUISER TEMPERATURE GAUGE READINGS

(For PP 25A, 23B & 9C of Installation Section II)

If a condition should exist, where the water temperature gauge on the MerCruiser instrument panel does not reach the normal 143°F (61.7°C) engine operating temperature, it will not harm engine operation. The 143°F thermostat will keep the engine oil temperature at the required lubricating temperature. The water temperature gauge acts as a precautionary instrument in the event of a water pump failure.

## D. BATTERY CABLE TERMINAL CHANGE - MerCruiser 150 Engines

*(For P. 24A of Installation Section II)*

The battery cable on MerCruiser 150 engines, Serial No. 1993116 and above, incorporate automotive type battery clamp terminals. This requires use of an automotive post type battery, Part No. C-35191.

The threaded post wing nut type battery (C-35190) will continue to be used on MerCruiser 110 and 120 models. Quicksilver Marine Batteries, available with either type terminal, far exceed requirements for starting and contain sufficient reserve for accessories. Order your stock of Quicksilver Marine Batteries today!

C-35190	Marine Battery, Wing Nut Terminals	\$29.90 List U.S.
C-35191	Marine Battery, Post Type Terminals	29.90 List U.S.

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## E. KEY SWITCH INSTALLATION

*(For P. 24A of Installation Section II)*

It has been brought to our attention that key switches C-30162 and C-30163 are being installed upside-down. A 5/32" (4mm) hole is drilled in the bottom of the switch for drainage. (Figure 2) This hole must face down when switches are installed. Quick identification of proper installation can be made by noting the key position in the switch. The wider portion of the key will be at the bottom. (Figure 3)

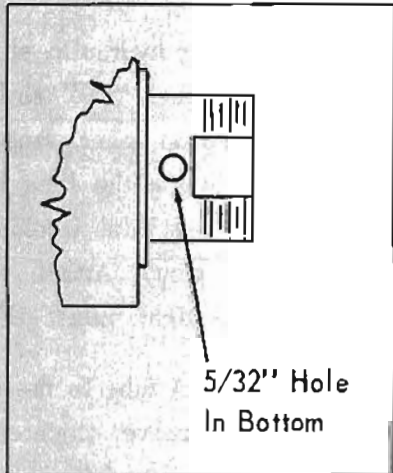


Figure 2. Drainage Hole

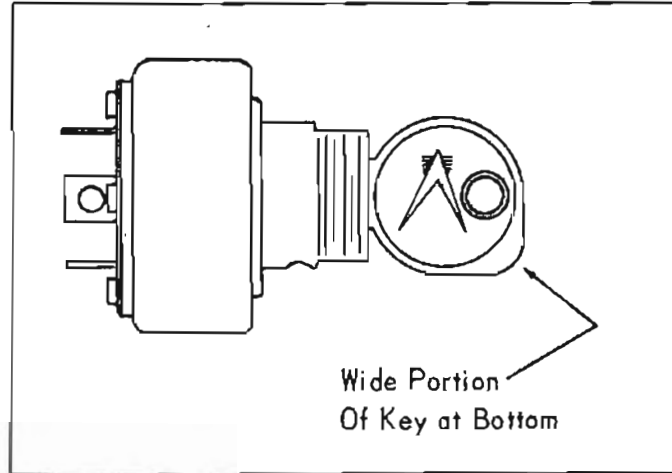


Figure 3. Profile of Key