



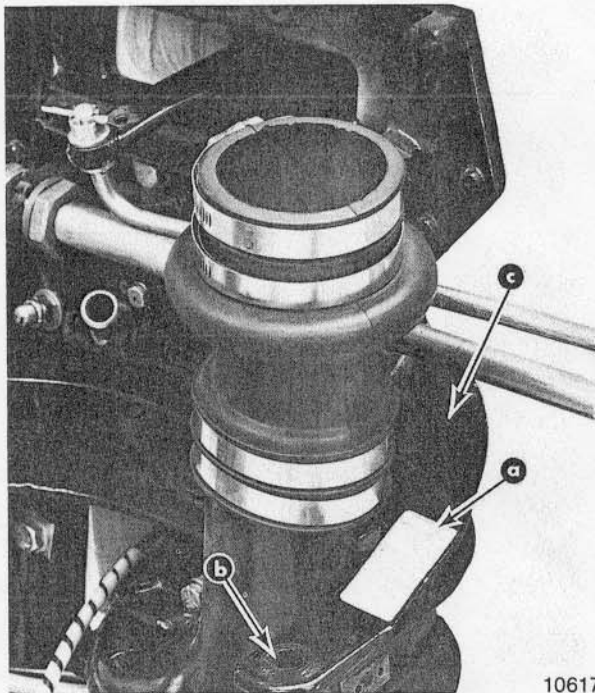
CIRCULATE TO:	SERVICE MGR.	PARTS MGR.	MECHANICS	Place in Your "Service Bulletins" Binder
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- A. Transom Assembly Serial Numbers
- B. MCM 140 and 165 Exhaust Elbow Fastening Screws
- C. Hydraulic Connector (B-47347) Lockwasher
- D. Motorola Alternators for 1978 Model V-8 Engines

## A. TRANSOM ASSEMBLY SERIAL NUMBERS

*(Attach Bulletin Reference Sticker to P. 1A-4 of Your Service Manual.)*

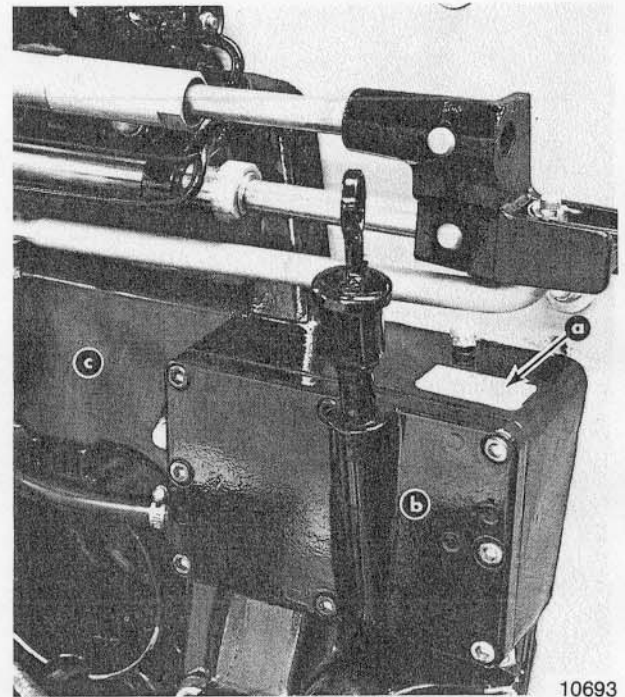
A serial number decal will be added to all MerCruiser transom assemblies, starting with the 1978 model year. Decal will be located as shown in Figures 1 and 2. Dealers will be required to add this serial number to the warranty card, as is currently done with the engine and drive unit.



10617

- a - Serial Decal
- b - Engine Mounting Location
- c - Inner Transom Plate

**Figure 1. MerCruiser 120-140-165-470-898-228 and 250 Serial Decal Location**



10693

- a - Serial Decal
- b - Stern Drive Oil Reservoir
- c - Inner Transom Plate

**Figure 2. MerCruiser 228TR-330TR and 330TRS Serial Decal Location**

## B. MCM 140 and 165 EXHAUST ELBOW FASTENING SCREWS

*(Attach Bulletin Reference Sticker to P. 2A-1 of Your Service Manual.)*

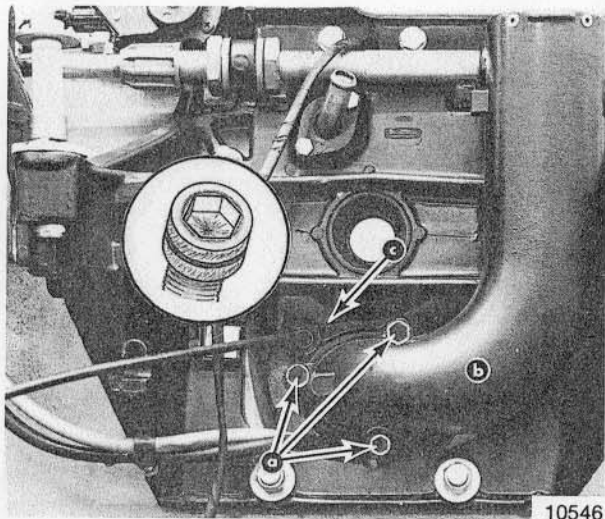
Fastening screws (C-10-37612), which retain exhaust elbow (gimbal housing to engine), will be superseded by 5/16" (allen) socket head screw C-10-60992. (Figure 3) This change was made to eliminate torquing difficulties and to ensure proper installation.

## C. HYDRAULIC CONNECTOR (B-47347) LOCKWASHER

*(Attach Bulletin Reference Sticker to PP 2A-4, 2B-4 and 2C-6 of Your Service Manual.)*

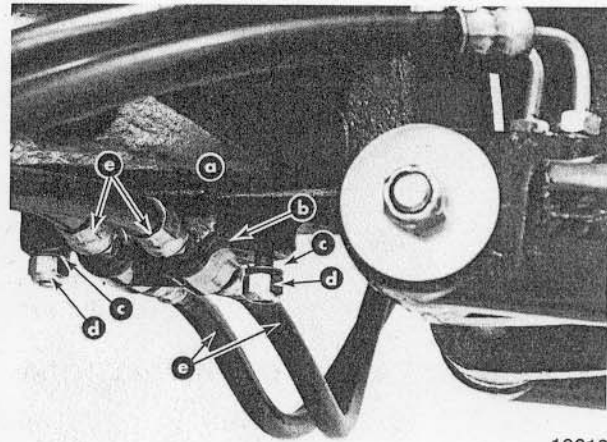
An internal lockwasher (C-13-78968) will be installed between the hydraulic connector (B-47347, located on the bottom of gimbal housing) and its retaining nuts C-11-35888. (See Figure

(OVER)



a - 5/16" Allen Screws      b - Exhaust Elbow  
c - Gimbal Housing

**Figure 3. MCM 140 and 165 Transom Assembly with Exhaust Elbow Installed**



a - Gimbal Housing                      c - Internal Lockwashers (2)  
b - Hydraulic Connector              d - Nuts (2)  
e - Hydraulic Hoses (4)

**Figure 4. Hydraulic Connector and Internal Lockwasher Location**

4.) When installed, the internal lockwasher will penetrate the painted surface of the hydraulic connector and provide positive electrical continuity between the 2 mounting studs, the hydraulic connector and the 6 hydraulic lines that are connected to the hydraulic connector.

#### **D. MOTOROLA ALTERNATORS for 1978 MODEL V-8 ENGINES**

*(Attach Bulletin Reference Sticker to Section 3C Index of Your Service Manual.)*

MerCruiser 1978 model V-8 engines will be equipped with Motorola alternators. Motorola alternator output is slightly higher than the single-wire Delco that has been used, and it also will permit the use of battery isolators. In-line 120-140-165 engines will continue with the Delco (a 3-wire model that also will allow use of battery isolators).

*NOTE: Battery isolators CANNOT be used on single-terminal Delco-Remy alternators presently used.*