

- A. Square Upper Swivel Shaft Removal Tool
- B. External Return Line Trim Cylinders (In-Line)
- C. External Continuity Springs
- D. Universal Joint Lubricant - New Size (C-92-90622A1)

CIRCULATE TO:
SERVICE MANAGER
PARTS MANAGER
MECHANICS

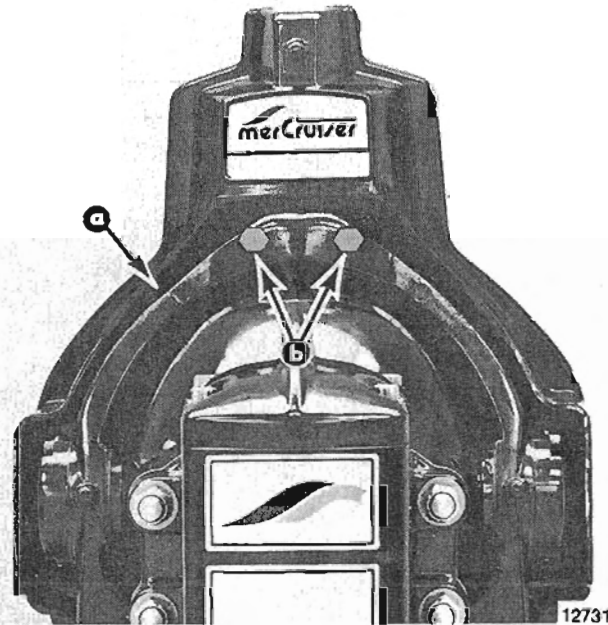
A. SQUARE UPPER SWIVEL SHAFT REMOVAL TOOL

(Attach Bulletin Reference Sticker to P. 9B-3 of Your Service Manual.)

The MerCruiser I transom assembly (Models 120-thru-260) upper swivel shaft design will change to a square connection between the swivel shaft and gimbal ring starting with 1980 production. Transom assemblies can be identified by 2 stainless steel bolts (located at top of gimbal ring). (Figure 1)

Tool C-91-63616 is used (in conjunction with slide hammer) to remove the upper swivel shaft.

This tool also is used to remove the drive shaft from the MerCruiser II-TR and TRS gear housing.



a - Gimbal Ring b - Stainless Steel Bolts

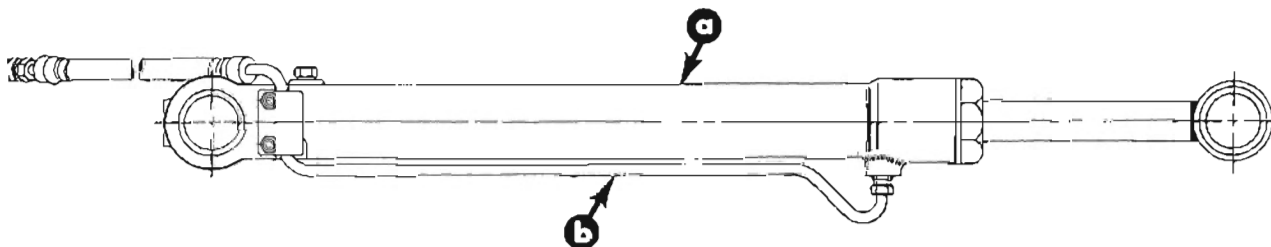
Figure 1. Stainless Steel Bolts at Top of Gimbal Ring

B. EXTERNAL RETURN LINE TRIM CYLINDERS (IN-LINE)

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

A new style trim cylinder (Figure 2), which utilizes an external return line, will be used on MerCruiser 120, 140, 165 and 470 new transom assemblies, in addition to the currently-used style trim cylinder.

Trim cylinder installation hardware and procedure will not change.



a - Trim Cylinder b - Stainless Steel Return Line

Figure 2. Trim Cylinder with External Return Line

C. EXTERNAL CONTINUITY SPRINGS

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

External continuity springs (B-24-86687A1) will no longer be included in stern drive unit shipping carton. These external springs are not needed on trim cylinders which do not have nylon coated rod ends; however, the internal spiral springs (B-24-46312) still must be installed.

D. UNIVERSAL JOINT LUBRICANT - NEW SIZE (C-92-90622A1)

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

Universal Joint Lubricant now is available in a NEW 14 oz. (414ml) cartridge (C-92-90622A1) which includes four (4) cartridges. These cartridges fit standard grease guns available at local sources.

The original Universal Joint Lubricant Gun Kit (C-91-74057A1) and its replacement 3 oz. (89ml) cartridges (C-92-74058A1) will remain available.