service bulletin



NUMBER: 79-4 DATE: 12/15/78

CIRCULATE TO: SERVICE MANAGER PARTS MANAGER MECHANICS

A. Universal Joint Lubrication

B. Galvanic Corrosion

C. MerCruiser Power Trim Oil Recommendations

A. UNIVERSAL JOINT LUBRICATION

(Attach Bulletin Reference Sticker to Page 1C-1 of Your Service Manual.)

It is important that universal joints be lubricated every 100 hours of operation, once each season and whenever servicing or installing the drive unit.

For the past several years, MerCruiser Stern Drive units have had cross and bearing assemblies with grease fittings that will allow lubrication without disassembly of the universal joint. Prior stern drive unit cross and bearing assemblies without lubricant fittings will require disassembly and packing the bearings with lubricant.

Universal Joint Lubricant (C-92-74058A1) must be used. Universal joints have been factory-greased with this lubricant. Other lubricants are not compatible with Universal Joint Lubricant, therefore, bearing life will be shortened considerably if any other lubricant is used.

C-91-74057A1

Universal Joint Grease Gun Kit [Includes Three 4 Oz. (118ml) Grease Cartridges (C-92-74058A1)]

B. GALVANIC CORROSION

(Attach Bulletin Reference Sticker to Page 7E-1 of Your Service Manual.)

Whenever stainless steel propellers are used in conjunction with aluminum drive units, galvanic corrosion may be greatly accelerated. Consequently, MerCruiser recommends the use of a MerCathode System (C-66632A3) or a large anti-corrosion Anode Kit (C-71320A2), whenever stainless steel propellers are used.

The MerCathode System will give permanent protection and is recommended where a high degree of corrosion exists. The MerCathode consists of 2 electrodes that are installed on the transom below the waterline and are wired to a battery-powered, solid-state controller.

The anti-corrosion Anode Kit consists of a sacrificial anode, hardware for transom mounting (below the waterline) and grounding wire. This Anode Kit gives protection against galvanic corrosion but must be replaced periodically.

Refer to "Quicksilver Accessories Dealers Guide" for more detail information on MerCathode.

C. MERCRUISER POWER TRIM OIL RECOMMENDATIONS

(Attach Bulletin Reference Sticker to Page 7A-9 of Your Service Manual.)

The NEW service oil recommendation for the MerCruiser Power Trim System is to use a major brand SAE 10W-30 or 10W-40 automotive oil. In tropical areas, single-viscosity SAE 30 may be used.