



Steering Tilt Tube Kit P/N 173620

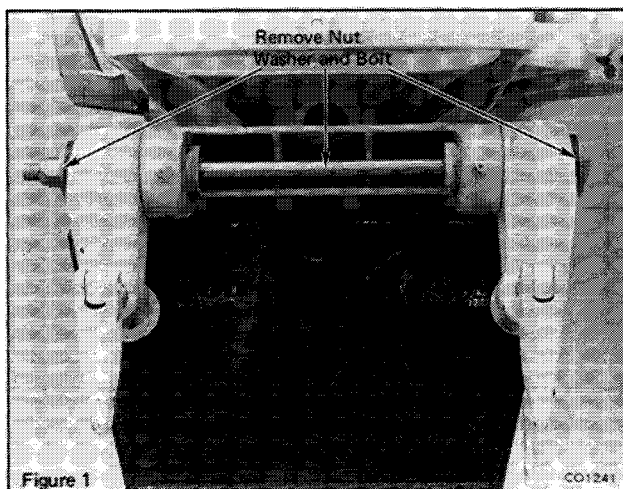
**EVINRUDE
Johnson**

Installation Instructions

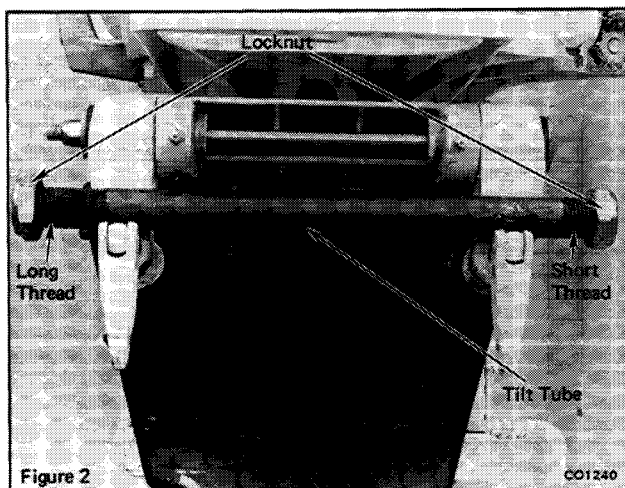
Preface

This kit permits conversion of 35 H.P. Outboards to Push Pull Tilt Tube Steering.

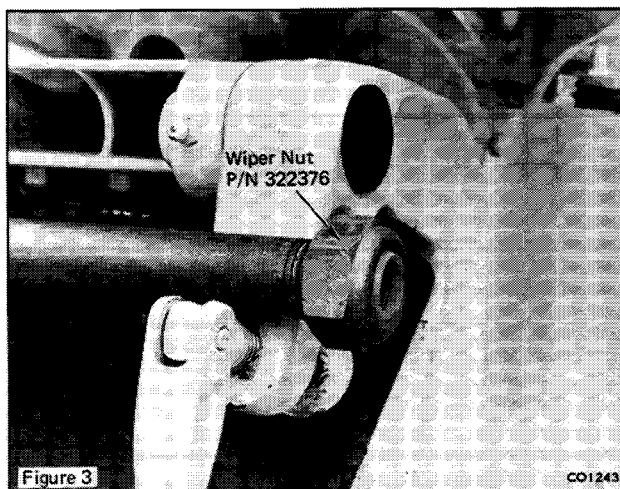
1. Place motor on engine stand, remove nut, washers and tilt bolt from stern and swivel brackets. See Figure 1.



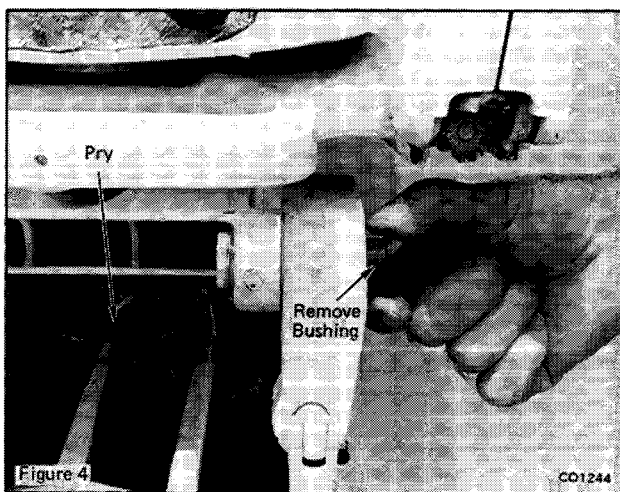
2. Tilt tube and two locknuts replaces the tilt bolt and bushing. See Figure 2.



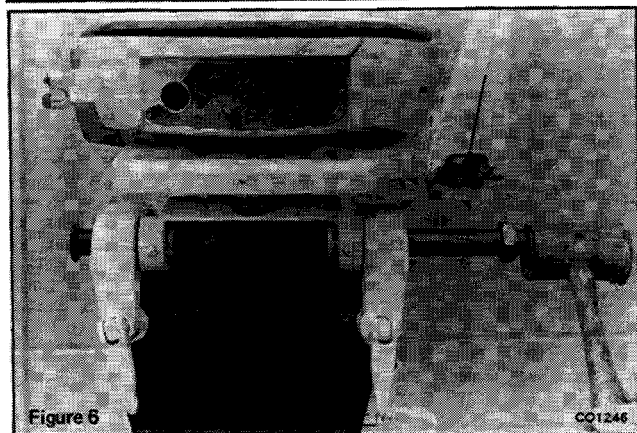
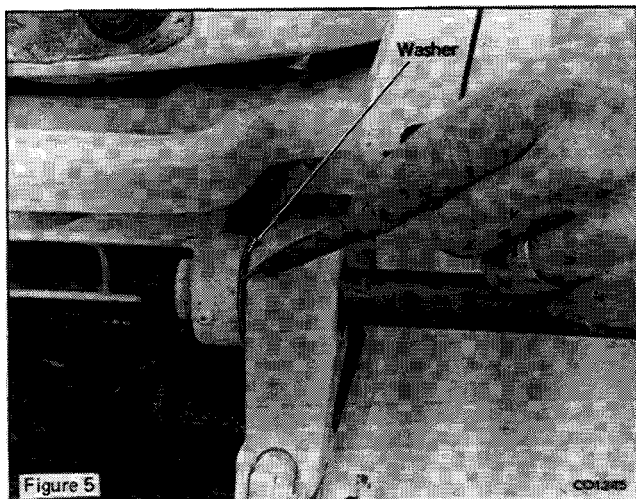
3. Install nut on tilt tube short thread end. In salt water areas, it is recommended Wiper Nut P/N 322376 be used in place of the locknut supplied in this kit for additional corrosion protection. This nut holds and spreads a film of grease on steering shaft each time the steering cable is moved. See Figure 3.



4. Use a pry bar on top of stand and under swivel bracket lift up slightly to free the bushing from port stern and swivel bracket. See Figure 4.



5. Insert tilt tube in port stern bracket through washer shown in Figure 5 and through port side of swivel bracket. Use a small mallot to drive the tilt tube through the starboard side of the swivel bracket, washer and stern bracket. In doing so you will drive the bushing of the starboard side of the swivel and stern bracket with the end of the tilt tube. See Figure 6.



6. Install nut on the tilt tube on starboard side. Tighten the nut so you have 30 to 40 lbs. of pull on the propeller shaft or tighten enough so motor will stay in any tilt position. Be sure to lubricate the inside of tilt tube and grease fittings with Anti Corrosion Lube P/N 172546 or equivalent. See Figure 7.

