

- A. Ride-Guide Steering Cable Installation - General Instructions
- B. Ride-Guide Steering Troubleshooting

A. RIDE-GUIDE STEERING CABLE INSTALLATION - General Instructions

(Attach Service Bulletin Sticker on Page 2A-2 of Your Service Manual.)

1. Ride-Guide Steering cables **MUST BE** the correct length, particularly when installed on large boats. Sharp bends on too-short cables result in cable "kinks"; too-long cables require unnecessary bends and loops; and both place an extra stress on the cables. The proper cable is as short as possible, with the fewest bends and with radii as large as possible.
2. When installing a Ride-Guide cable, remove cable (as coiled) from carton, unroll and extend straight and flat on a clean floor. Make sure that no kinks nor windups occur in the cable. Pick up the rack end of cable and gently "snake whip" the full length of its cable (like shaking out coils in a rope). Next, check for kinks by running your hand along the entire length of the cable. Straighten any and all kinks or replace if damaged.

CAUTION: Cables are damaged when stepped-on or when placing an external load on the casing. **DO NOT** place cable where such damage can occur, such as on the assembly floor, boat bottom, etc.

3. Cable must be installed into boat from the rolled-out (straight) condition, as explained in preceding Paragraph 2, and care should be exercised to prevent kinking while pulling through the boat. **NEVER** install cable directly from carton into boat, as it may cause hard steering.
4. Lubricate steering wheel shaft and nylon bushings in its mount and thoroughly lubricate gear rack and pinion shaft with liberal amounts of Multipurpose Lubricant (C-92-49588).
5. Apply liberal amounts of lubricant on both ends of steering cable and on mounting tube during installation. Over-lubrication will not harm the steering operation.

CAUTION: **DO NOT** thread steering cable into rack housing. Turn the housing onto the cable so that the outer conduit will not wind up and cause kinks, thus reducing efficiency.

6. Tighten all Ride-Guide Steering System mounting and jam nuts securely.

B. RIDE-GUIDE STEERING TROUBLESHOOTING

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

IMPORTANT: Check trim tab setting and adjust before troubleshooting the Ride-Guide Steering System.

1. Disconnect cable (from steering lever) and pull from Ride-Guide tube. Follow cable through boat, checking on proper length, kinks, etc.
2. Operate steering wheel to check for freedom. Readjust rack(s) and wheel(s) to reduce friction. Add more Multipurpose Lubricant (C-92-49588) to shaft, nylon bushings, rack(s) and pinion(s).

IMPORTANT: Complete the following steps only if steering problem cannot be corrected.

3. Lubricate steering cable through grease fitting on transom end of cable only when inner cable at transom end is fully retracted. If lubricating steering cable when extended, a hydraulic lock can result.

NOTE: Cable is factory-lubricated and, therefore, requires additional lubrication with Multipurpose Lubricant only after extended use of 50 or more hours. If a new cable is thought to be the cause of hard steering, regreasing the cable probably will not improve performance. See "4", following.

4. Pull cable from boat and again check for kinks, damage, etc. Reinstall or replace cable.