



MER/CRUISER SERVICE BULLETIN

Section: XII (Bulletins)

Number: 70-18-09

Date : 6/25/70

Rotary Ride-Guide Cable Inspection (Sec. II)

ROTARY RIDE-GUIDE CABLE INSPECTION

We have been advised by our supplier that some Rotary Ride-Guide cable push-pull inner core wires may be too long.

It is IMPORTANT that you check each Rotary Ride-Guide cable and head assembly, which you have in stock, and inspect each boat equipped with Rotary Ride-Guide to be sure that the push-pull cable is correct. (See drawing, over.) All cables, which have been inspected at the factory, have an orange paint dab on cable near hand nut. Mark cable end with orange, red or white paint dab to identify those which you have inspected.

WARNING: If core wire is too long, the telescoping tube (5/8" diameter) will protrude beyond its guide tube when in a hard turn. If this occurs, it could catch on the shoulder of guide tube portion, lock steering and result in loss of control.

A. INSPECTION for IMPROPER LENGTH CABLE on NON-INSTALLED UNIT

1. Place cable and head unit on floor, unwrap control cable and place in straight line.
2. Pull on telescopic end of push-pull cable until unable to move it further (full out position).
3. Insert accompanying cardboard gauge (right) through open end of coupler nut until it bottoms on nut retainer flange.
4. Position gauge down flat on telescopic tubes.
5. Any portion of cable end of 5/8" (16mm) diameter tube should show in inspection slot on gauge on "Full Out Position".

B. INSPECTION for IMPROPER LENGTH CABLE on INSTALLED UNITS

1. Disconnect intermediate lever from telescopic end of push-pull.
2. Rotate steering wheel, which causes telescopic end of push-pull cable to be in "full out" position.
3. Measure from end of support tube to center of hole in which intermediate lever has been removed. See drawing, over. Measurement on chart should correspond with indicated length for the particular installation being gauged.

C. PUSH-PULL CABLE REPLACEMENT

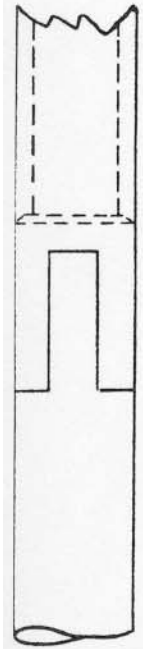
1. If push-pull cable is too long, replace entire cable and head assembly (Part No. C-54121A_). Return unit to your parts distributor for credit.
2. All individual cables (C-54121-_) must be returned to your parts distributor.

(OVER)

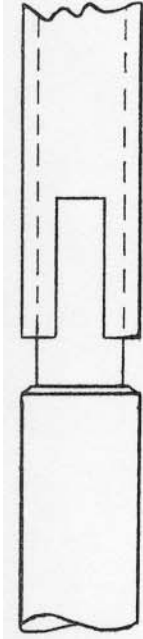
INSPECTION GAUGE - Rotary Head Steering
Cable end of 5/8" dia. tube should show in any portion of inspection slot when in "FULL-OUT" position.

INSPECTION SLOT

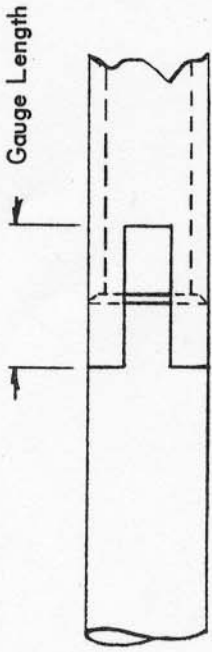




Incorrect



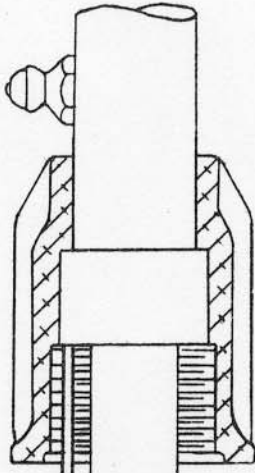
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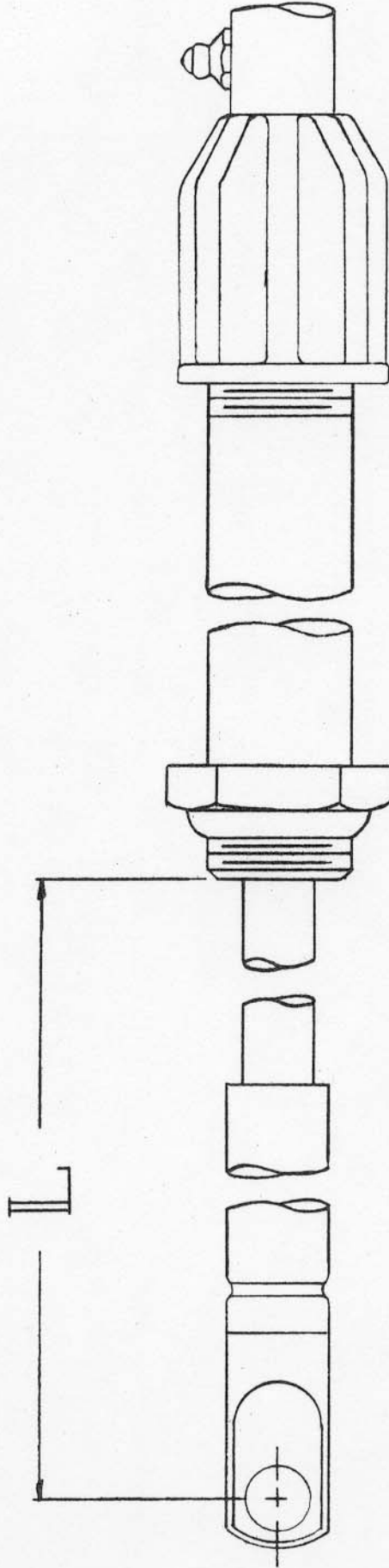
Correct

Gauge Length

Gauge



Steering Turned
"Full Out"



Installed Steering
with Steering Turned
"Full Out"

| TYPE | MODEL | L |
|----------------|-------------------|-------------|
| Outboard | All Outboards | 10 1/8 Max. |
| Stern Drive | C-52777-A1 and A2 | 10 1/4 Max. |
| Power Steering | All Others | 10 3/4 Max. |