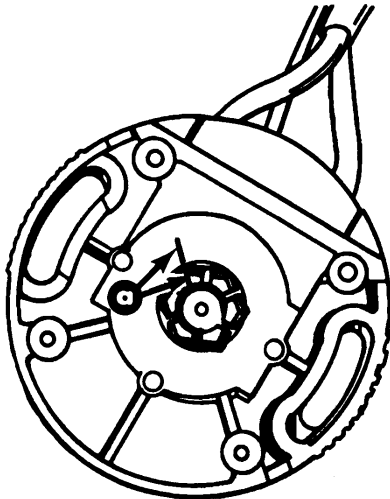


## Trim Position Sender Installation

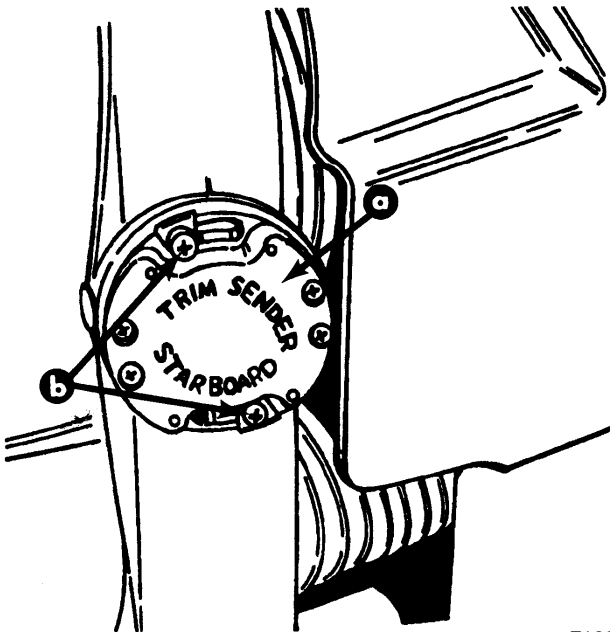
1. Install trim position sender as follows:
  - a. Place sterndrive unit in the full DOWN/IN position.
  - b. Turn center rotor of trim position sender to align index mark with index mark on sender body.



71218

a - Index Marks

2. Install trim position sender. Ensure insulator slot aligns with slot in sender.

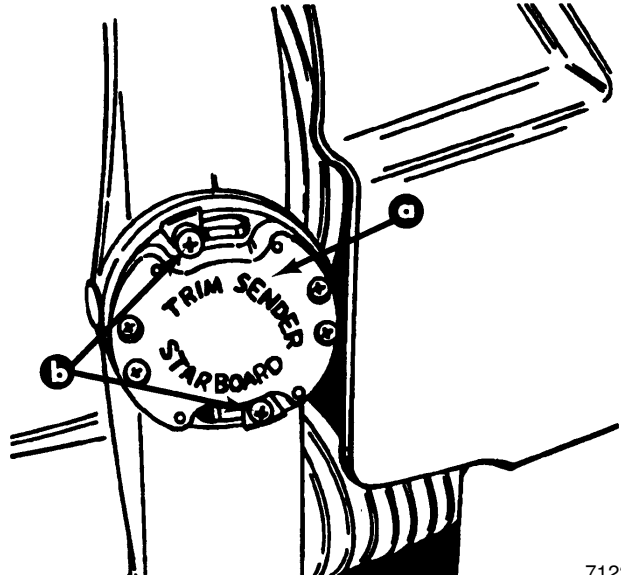


71220

a - Trim Position Sender  
b - Screws (2) And Retainer (2)

## Trim Position Sender Adjustment (Early and Later Styles)

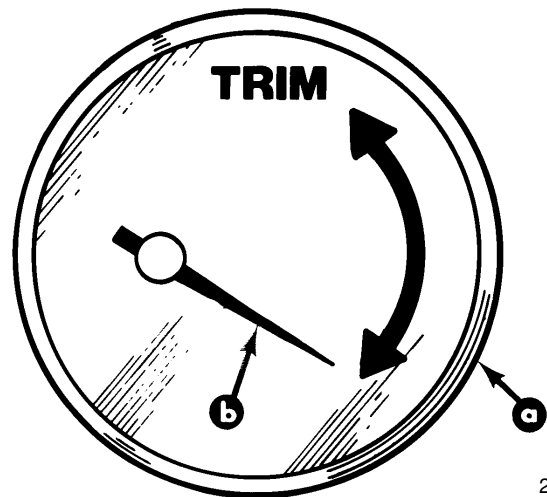
1. Place drive unit in the full DOWN/IN position.
2. Loosen trim position sender screws.



71220

a - Trim Position Sender  
b - Screws

3. Turn ignition key to the "RUN" position. DO NOT START ENGINE.
4. Rotate sender until needle is at bottom of arc.



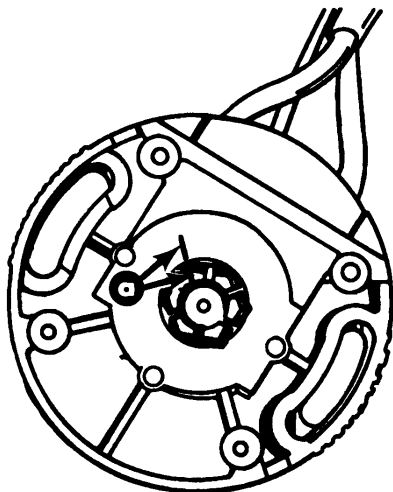
22175

a - Typical Trim Gauge  
b - Needle

5. Tighten screws and recheck gauge reading.

## Trim Limit Switch Installation

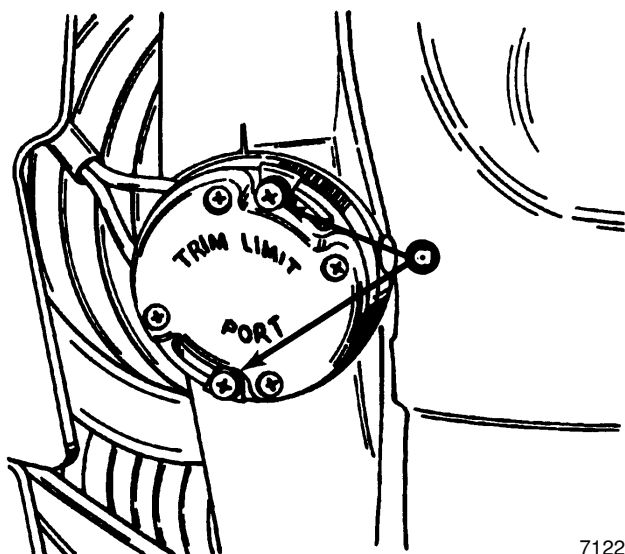
1. Align index marks on switch.



71218

a - Index Marks

2. Install trim limit switch.



71221

a - Screws, Washers And Retainers

## Trim Limit Switch Adjustment

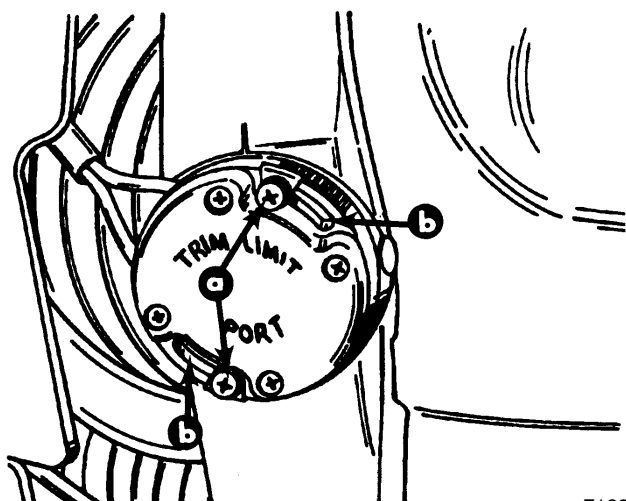
### ⚠ WARNING

When adjusting trim limit switch, use extreme care that engine is not started and keep clear of area near propeller. Use care to prevent placing hands in an area where injury could occur because of drive unit movement.

### ⚠ CAUTION

Trim limit switch **MUST BE** adjusted exactly as outlined. If switch is adjusted incorrectly, drive unit could move out beyond the gimbal ring support flanges and cause damage to sterndrive unit.

1. Loosen screws and turn trim limit switch clockwise to end of slots.



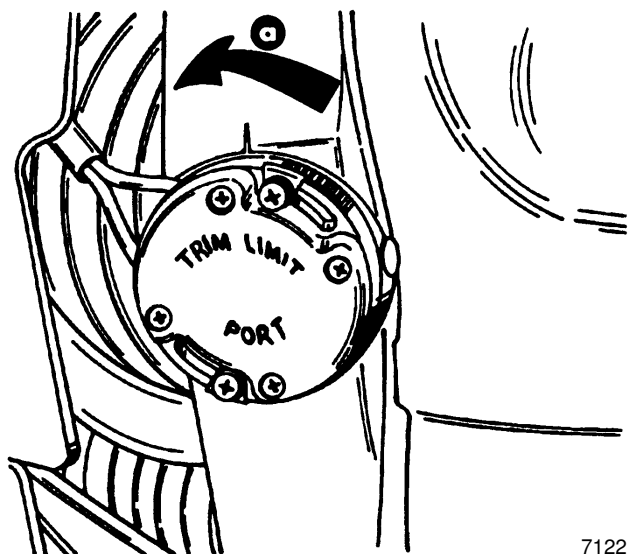
71221

a - Screws

b - Slots

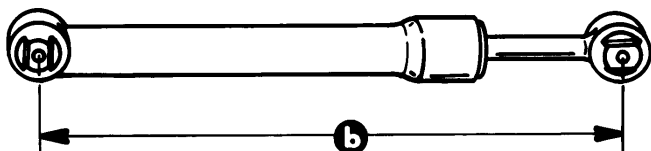
2. Place drive unit in the full DOWN/IN position.
3. Trim drive unit UP/OUT. Do not use trailer switch.

- Slowly turn trim limit switch counterclockwise until trim cylinders extend to dimension shown.



71221

a - Rotate Counterclockwise To Adjust



50464

b - 21-3/4 in.  $\pm$  1/4 in. (554 mm  $\pm$  6 mm)

## Gimbal Bearing

**IMPORTANT:** Gimbal bearing and carrier are a matched set and must be replaced as an assembly. Tolerance ring must be replaced anytime gimbal bearing is removed.

### INSPECTION

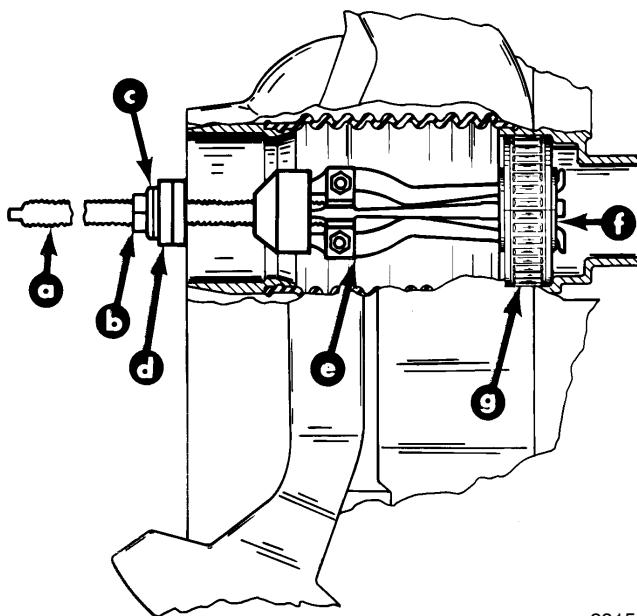
- Remove sterndrive unit (Refer to Section 2A).
- Reach through bell housing and rotate gimbal bearing to check for rough spots. Push and pull on inner race to check for side wear. Any excessive movement or roughness is cause for replacement.

### REMOVAL

#### **CAUTION**

**Do not remove gimbal bearing unless replacement is necessary, as damage to bearing may result during removal.**

- Remove gimbal bearing assembly using tools as shown.



23151

- a - Puller Shaft (91-31229)\*
- b - Nut (11-24156)\*
- c - Washer (12-34961)\*
- d - Plates (2) (91-29310)
- e - Slide Hammer Puller
- f - Gimbal Bearing Inner Race
- g - Gimbal Bearing Carrier

\* From Bearing Removal And Installation Tool 91-31229A5