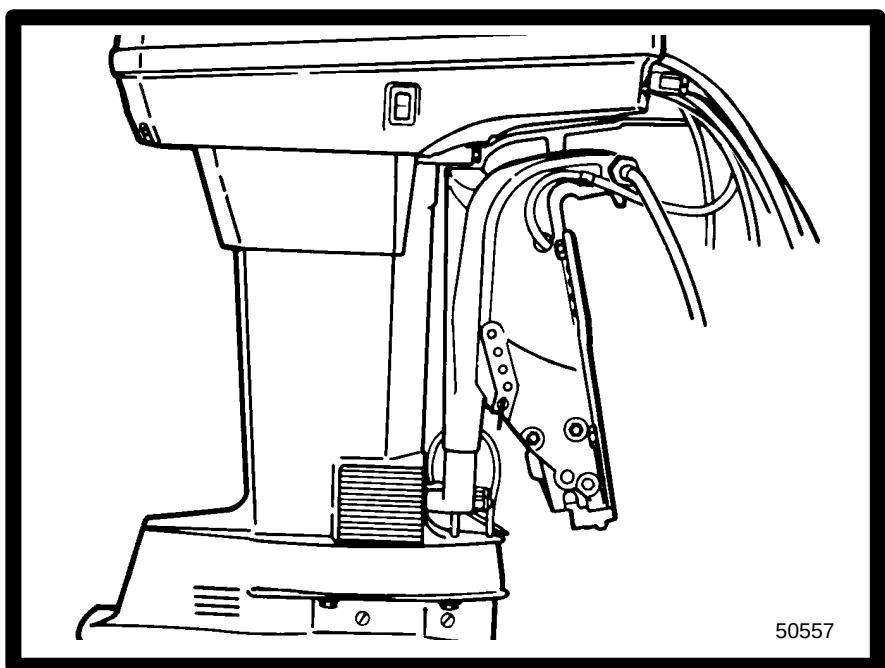




MID-SECTION



**CLAMP/SWIVEL BRACKETS and
DRIVE SHAFT HOUSING**

5

A



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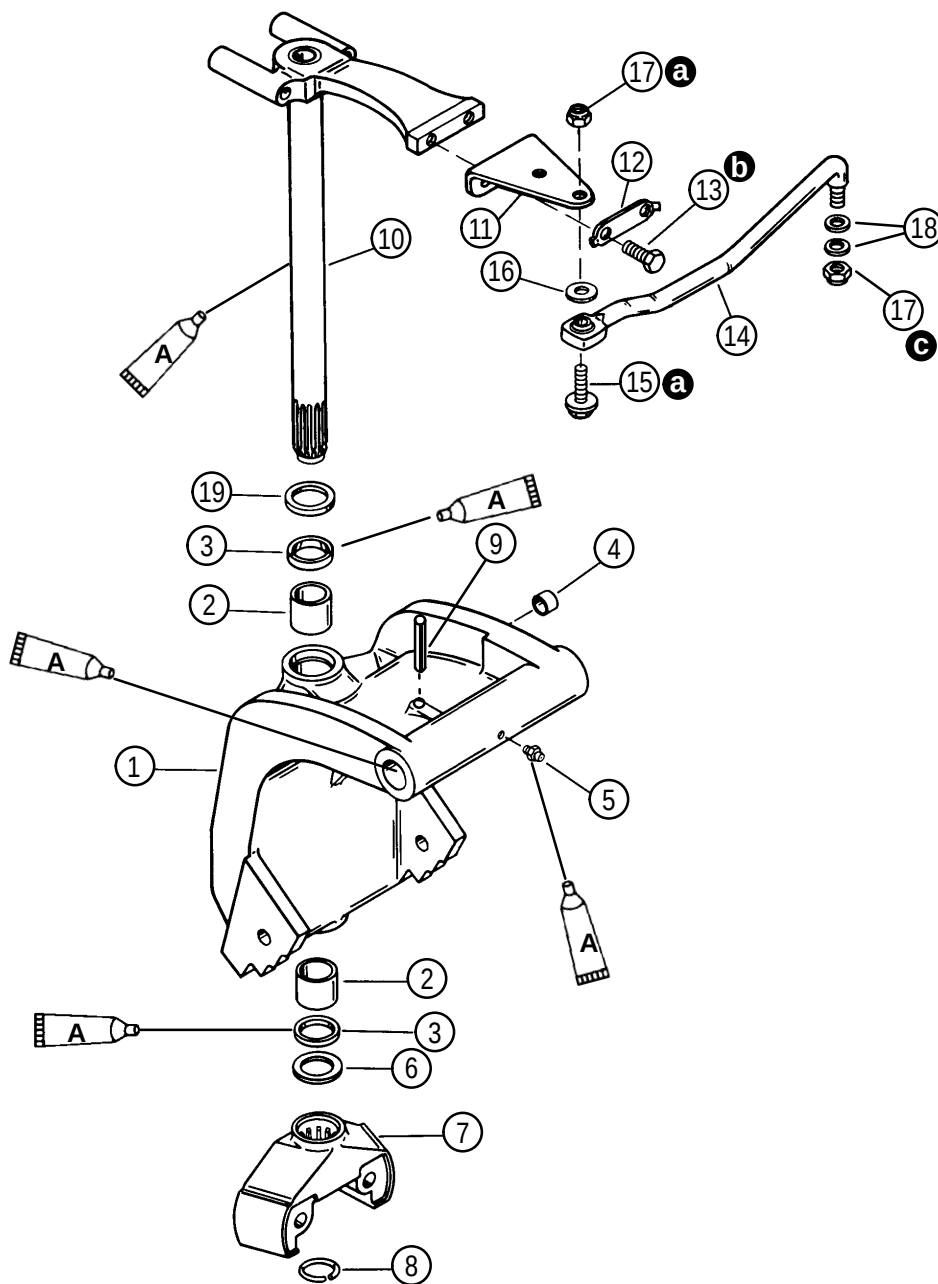
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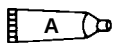
Mid-Section Components

Swivel Bracket Components

- 1 - Swivel Bracket
- 2 - Bushing (2)
- 3 - Oil Seal
- 4 - Bushing
- 5 - Grease Fitting
- 6 - Washer (2)
- 7 - Yoke
- 8 - Retaining Ring
- 9 - Roll Pin
- 10 - Steering Arm
- 11 - Bracket
- 12 - Locking Plate
- 13 - Bolt (2)
- 14 - Steering Link
- 15 - Bolt
- 16 - Spacer
- 17 - Lock Nut
- 18 - Washer (2)
- 19 - Washer (2)



Lubrication/Sealant Application Points



2-4-C w/Teflon Marine Lubricant (92-90018A12)

Torque Specifications

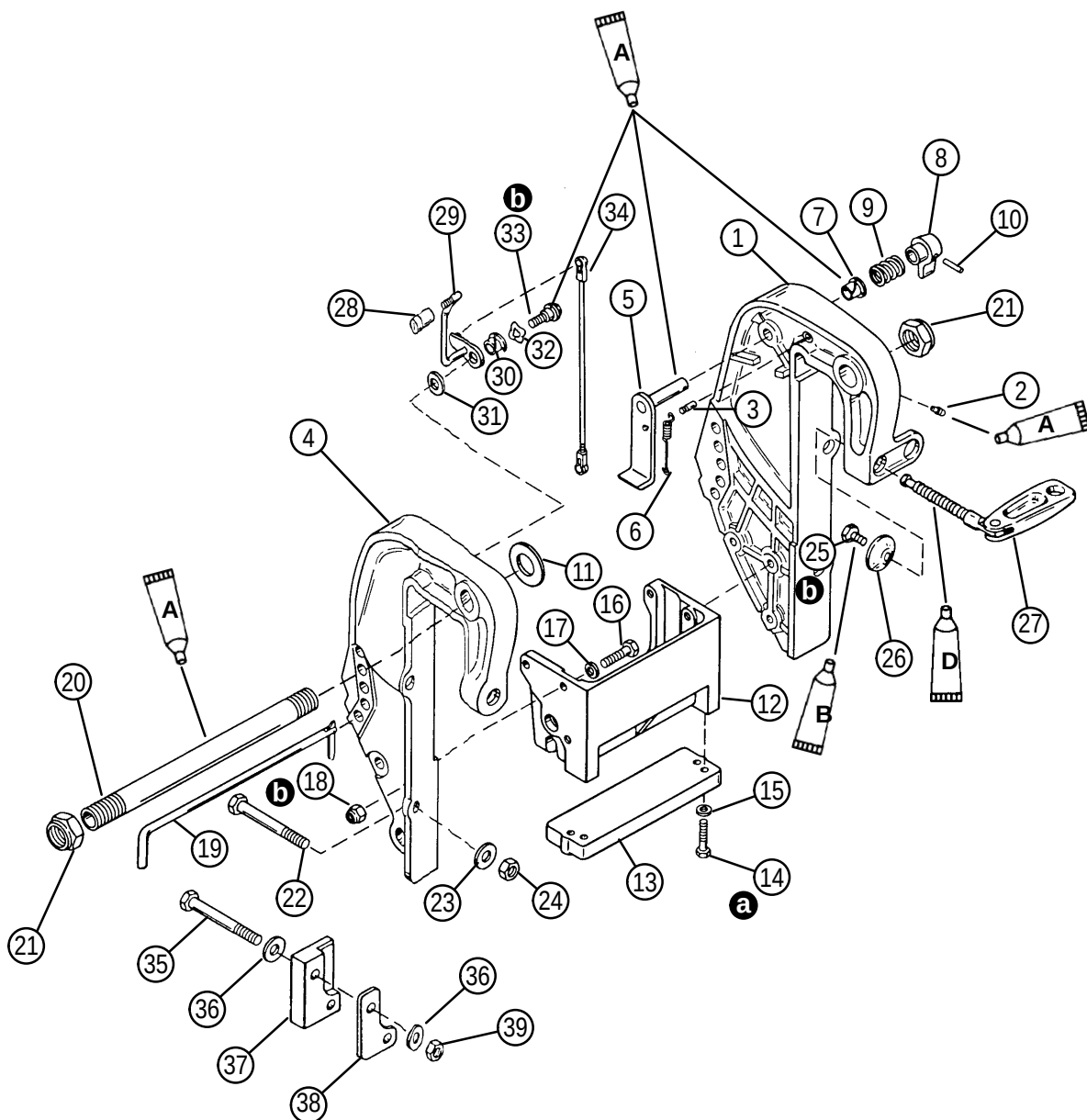
- a** 20 lb. ft. (27.0 N·m)
- b** 40 lb. ft. (54.0 N·m)
- c** Torque until it seats, then back off 1/4 turn.



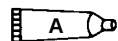
Mid-Section Components

Transom Bracket Components (55 Model)

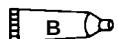
- 1 - Transom Bracket
- 2 - Grease Fitting
- 3 - Pin
- 4 - Transom Bracket
- 5 - Lock Lever
- 6 - Spring
- 7 - Bushing
- 8 - Spring
- 9 - Lever
- 10 - Roll Pin
- 11 - Washer (2)
- 12 - Bracket
- 13 - Anode
- 14 - Bolt (2)
- 15 - Washer (2)
- 16 - Bolt:
- 5 (30mm)
- 1 (35mm)
- 17 - Lockwasher (2)
- 18 - Lock Nut (2)
- 19 - Pin
- 20 - Tilt Tube
- 21 - Lock Nut (2)
- 22 - Bolt (4)
- 23 - Washer (4)
- 24 - Nut (4)
- 25 - Bolt (2)
- 26 - Washer (2)
- 27 - Thumb Screw (2)
- 28 - Rubber Grip
- 29 - Tilt Lever
- 30 - Bushing
- 31 - Washer
- 32 - Washer
- 33 - Bolt
- 34 - Link
- 35 - Bolt (4)
- 36 - Washer (8)
- 37 - Bracket (2)
- 38 - Shim (4)
- 39 - Nut (4)



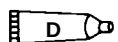
Lubrication/Sealant Application Points



2-4-C Marine w/Teflon Lubricant (92-90018A12)



Loctite 271 (92-823089--1)



Special Lubricant 101 (92-13872A1)

Torque Specifications

a 60 lb. in. (7.0 N·m)

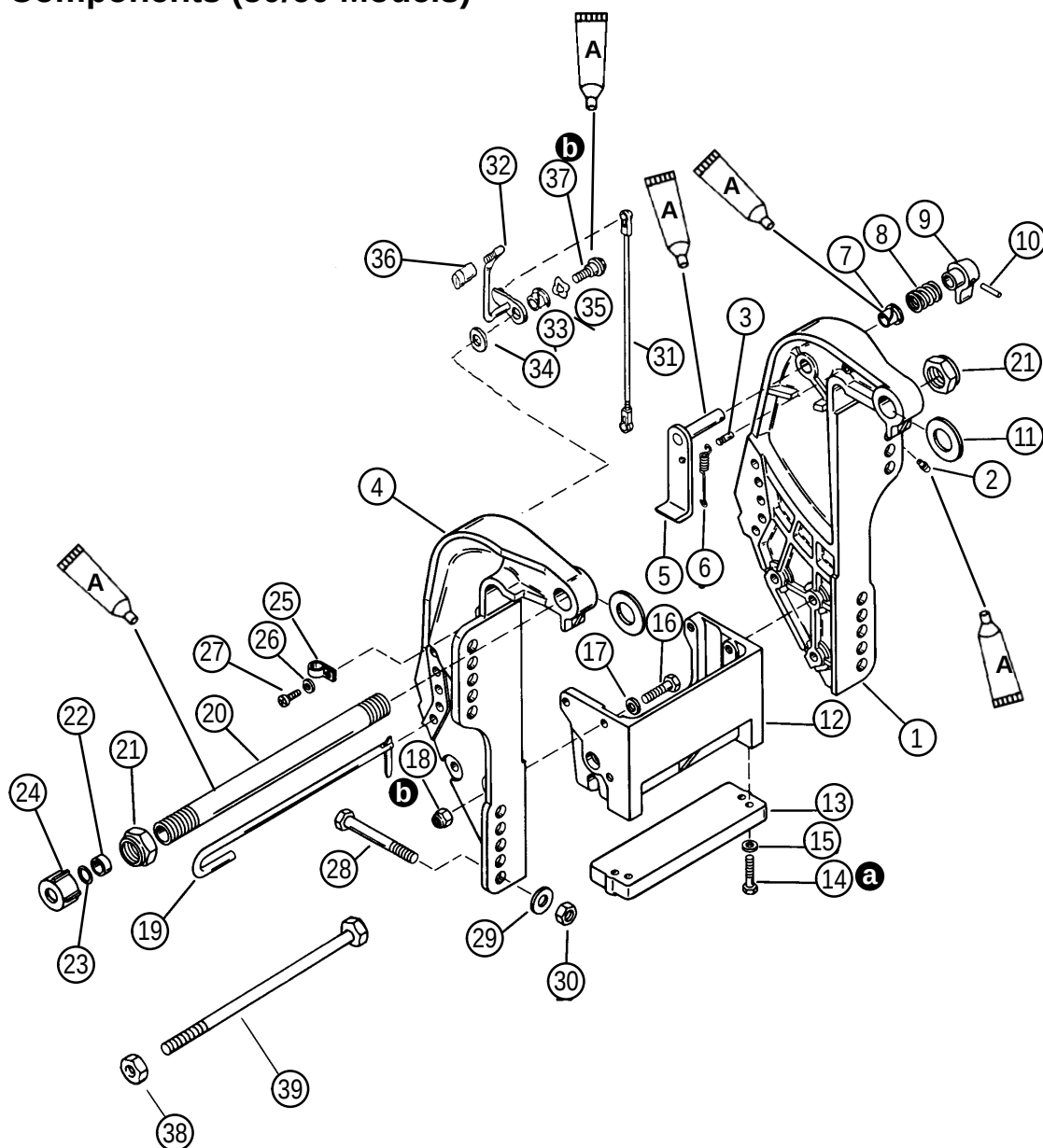
b 25 lb. ft. (34.0 N·m)



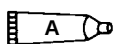
Mid-Section Components

Transom Bracket Components (50/60 Models)

- 1 - Transom Bracket
 - 2 - Grease Fitting
 - 3 - Pin
 - 4 - Transom Bracket
 - 5 - Tilt Lock Lever
 - 6 - Spring
 - 7 - Bushing
 - 8 - Spring
 - 9 - Lever
 - 10 - Roll Pin
 - 11 - Washer (2)
 - 12 - Bracket
 - 13 - Anode Plate
 - 14 - Bolt (2)
 - 15 - Washer (2)
 - 16 - Bolt:
 - 5 (30mm)
 - 1 (35mm)
 - 17 - Lockwasher (2)
 - 18 - Lock Nut (2)
 - 19 - Pin
 - 20 - Tilt Tube
 - 21 - Lock Nut (2)
 - 22 - Spacer
 - 23 - O-ring
 - 24 - Cap
 - 25 - Clamp
 - 26 - Washer
 - 27 - Screw
 - 28 - Bolt (4)
 - 29 - Washer (4)
 - 30 - Nut (4)
- Non-Power Trim**
- 31 - Link
 - 32 - Tilt Lever
 - 33 - Bushing
 - 34 - Washer
 - 35 - Wave Washer
 - 36 - Knob
 - 37 - Bolt
 - 38 - Nut
 - 39 - Bolt



Lubrication/Sealant Application Points



2-4-C w/Teflon Marine Lubricant (92-90018A12)

Torque Specifications

a 60 lb. in. (7.0 N·m)

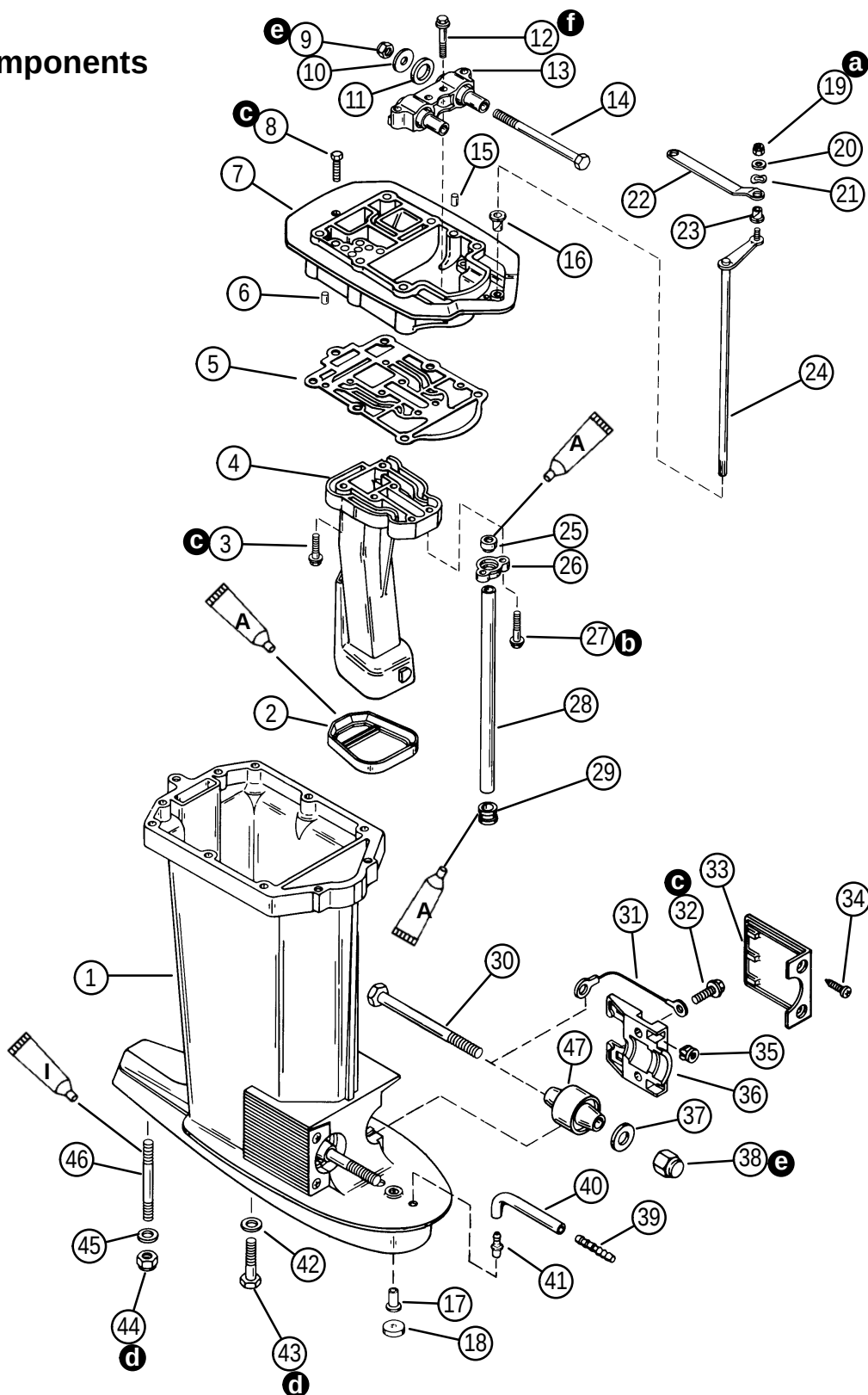
b 25 lb. ft. (34.0 N·m)



Mid-Section Components

Drive Shaft Housing Components

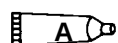
- 1 - Drive shaft Housing
- 2 - Seal
- 3 - Bolt (4)
- 4 - Exhaust Tube
- 5 - Gasket
- 6 - Pin
- 7 - Exhaust Plate
- 8 - Bolt
- 9 - Lock Nut (2)
- 10 - Washer (2)
- 11 - Washer (2)
- 12 - Bolt (4)
- 13 - Mount
- 14 - Bolt (2)
- 15 - Pin (4)
- 16 - Bushing
- 17 - Coupling
- 18 - Spacer
- 19 - Lock Nut
- 20 - Washer
- 21 - Wave Washer
- 22 - Shift Link
- 23 - Bushing
- 24 - Shift Shaft
- 25 - Seal
- 26 - Clamp
- 27 - Bolt (2)
- 28 - Water Tube
- 29 - Seal
- 30 - Bolt (2)
- 31 - Ground Strap
- 32 - Bolt (4)
- 33 - Cover (2)
- 34 - Screw (4)
- 35 - Nut (4)
- 36 - Clamp (2)
- 37 - Washer (2)
- 38 - Nut (2)
- 39 - Connector
- 40 - Tube
- 41 - Fitting
- 42 - Washer (4)
- 43 - Bolt (4)
- 44 - Lock Nut
- 45 - Washer
- 46 - Stud
- 47 - Mount (2)



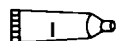
Torque Specification

- a** No Torque Requirement - Drive Unit Until Tight, But Joint Must Be Free to Pivot
- b** 80 lb. in. (9.0 N·m)
- c** 220 lb. in. (25.0 N·m)
- d** 40 lb. ft. (54.0 N·m)
- e** 50 lb.ft. (67.5 N·m)
- f** 28 lb. ft. (38.0 N·m)

Lubrication/Sealant Application Points



2-4-C w Teflon Marine Lubricant (92-90018A12)



Loctite 35 (92-59328-1)



Disassembly

Remove shock system assembly (refer to Section 5C) from non power trim models.

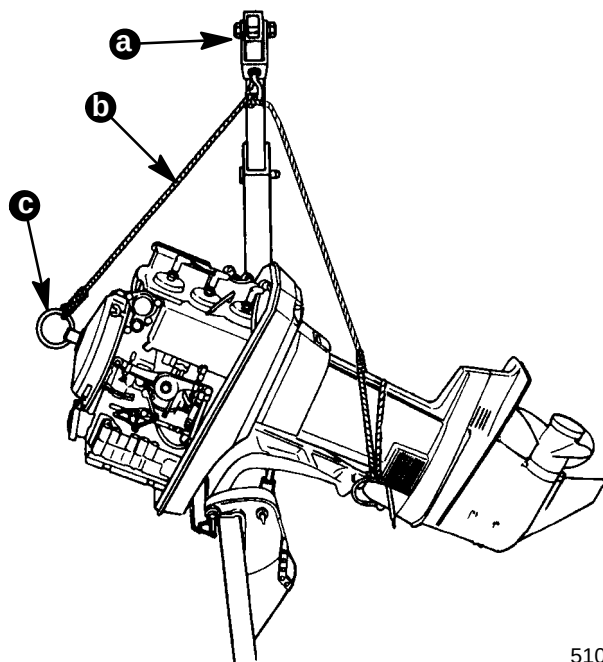
Remove power trim assembly (refer to Section 5B) from power trim models.

Servicing components such as steering arm, driveshaft housing, exhaust assembly, swivel bracket assembly, etc. generally require powerhead and/or gear housing removal. Refer to appropriate section in service manual. Components such as transom bracket, lower mount bracket, tilt tube and lower engine mounts can be serviced without powerhead/gear housing removal; however, outboard must be supported (shown) before servicing components not requiring powerhead/gear housing removal.

⚠ WARNING

Failure to support outboard as shown could result in personal injury and/or damage to outboard or boat.

Typical Outboard Shown



51078

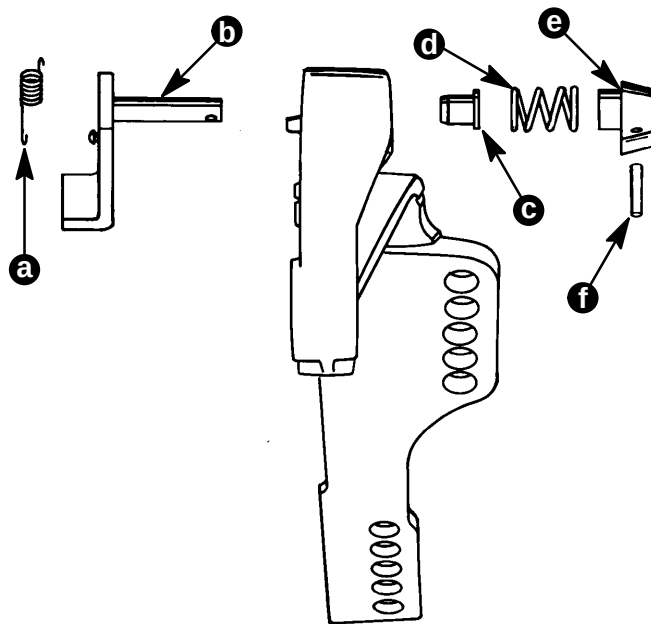
- a - Hoist
- b - Rope
- c - Lifting Eye (P/N 91-90455)

Refer to parts views on pages 1, 2 and 3 and disassemble mid-section components as required.

Reassembly

Tilt Lock Lever/Transom Bracket

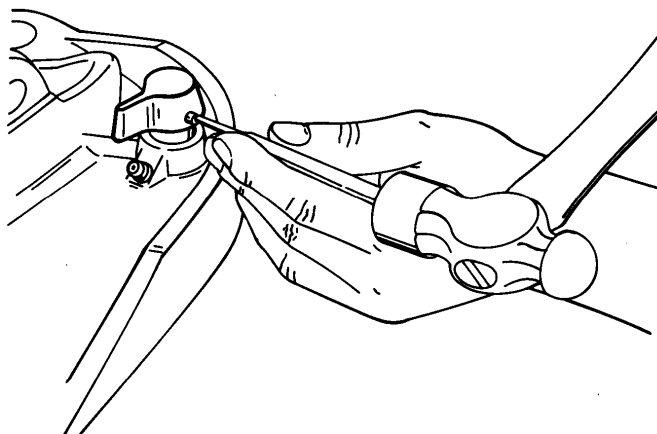
Apply Quicksilver 2-4-C Marine Lubricant to tilt lock lever shank, spacer and bushing prior to reassembly.



51079

- a - Spring
- b - Tilt Lock Lever
- c - Bushing
- d - Spring
- e - Lever
- f - Roll Pin

Install roll pin to tilt lock lever assembly using appropriate punch.



51078

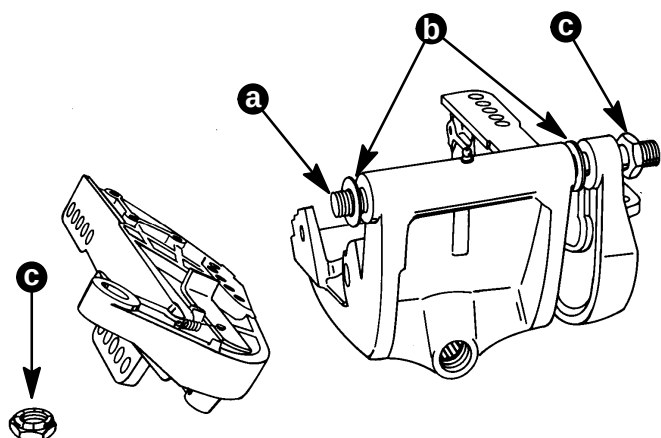
⚠ CAUTION

When reinstalling outboard tilt tube, longer threaded end of tilt tube must extend approximately 3/4 in. (19mm) toward steering cable nut side of boat.



Lubricate outboard tilt tube using Quicksilver 2-4-C Marine Lubricant and install into swivel bracket.

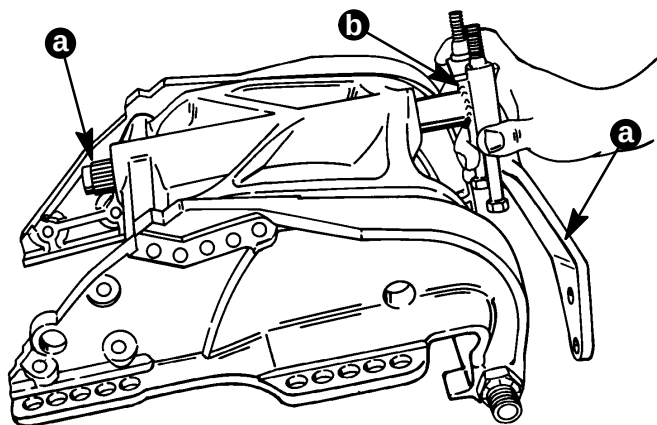
Secure transom brackets into place using fiber washers and lock nuts.



51078

- a - Tilt Tube
- b - Fiber Washer
- c - Lock Nuts

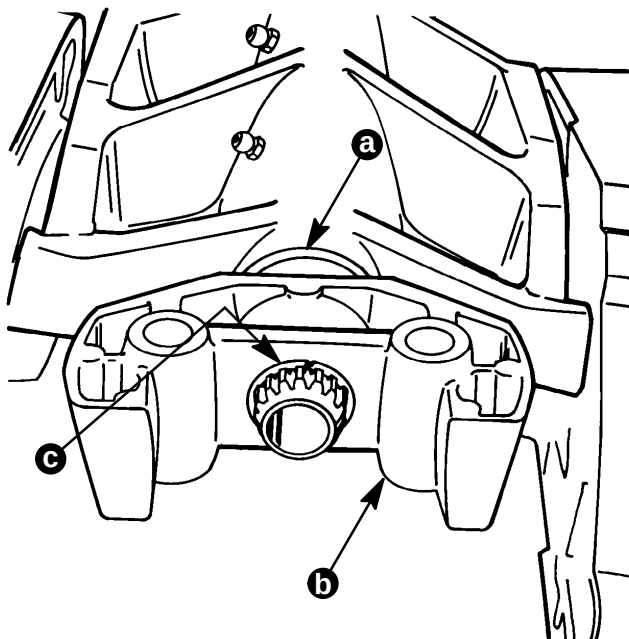
Apply Quicksilver 2-4-C Marine Lubricant to steering arm shaft and install.



51079

- a - Steering Arm
- b - Washer

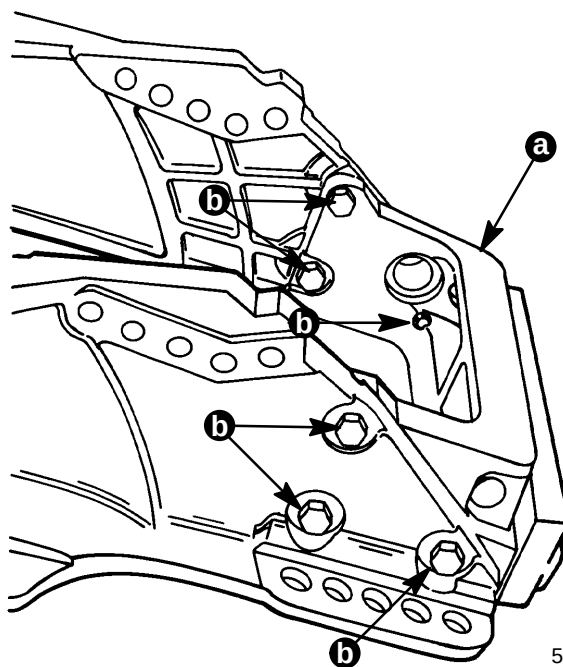
Install and secure yoke and washer using snap ring.



51079

- a - Washer
- b - Yoke
- c - Snap Ring

Install lower mounting bracket to transom brackets.



51079

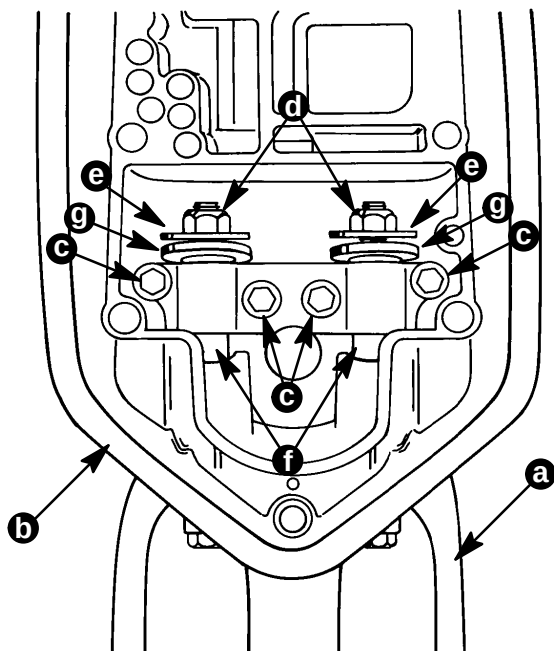
- a - Lower Mounting Bracket
- b - Bolt



Drive Shaft Housing

Secure transom bracket assembly to transom.

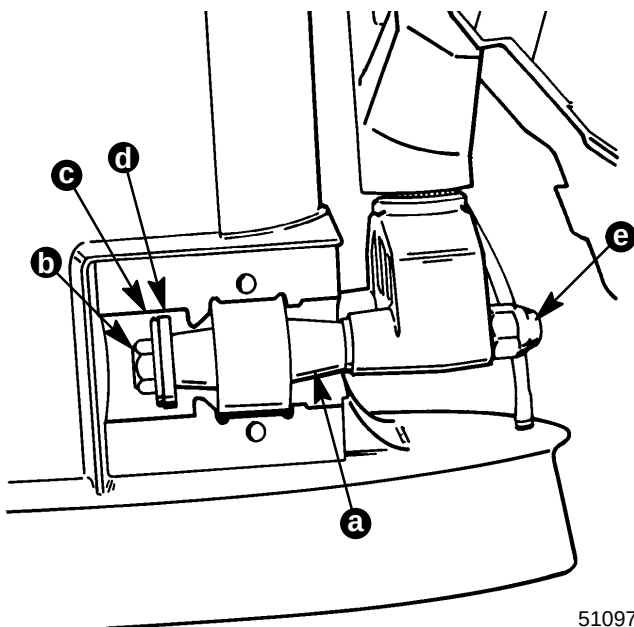
Install drive shaft housing to transom bracket assembly.
Secure using bolts and components as shown.



51097

- a - Transom Bracket Assembly
- b - Drive Shaft Housing Assembly
- c - Bolts [28 lb. in. (32 N·m)]
- d - Lock Nuts [50 lb. ft. (69 N·m)]
- e - Washer
- f - Rubber Mount
- g - Washer

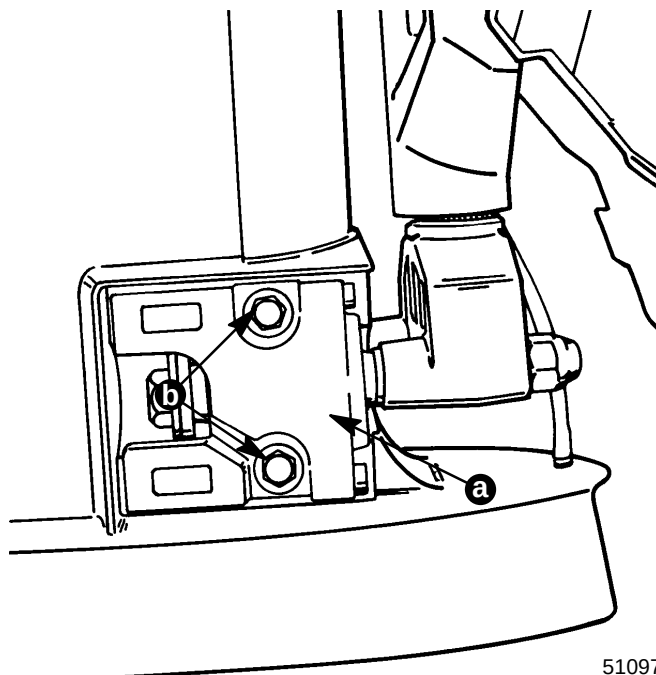
Secure lower mount assembly to drive shaft housing. Secure drive shaft housing to yoke.



51097

- a - Lower Mount
- b - Bolt
- c - Washer
- d - Rubber Washer
- e - Lock Nut [50 lb. ft. (68 N·m)]

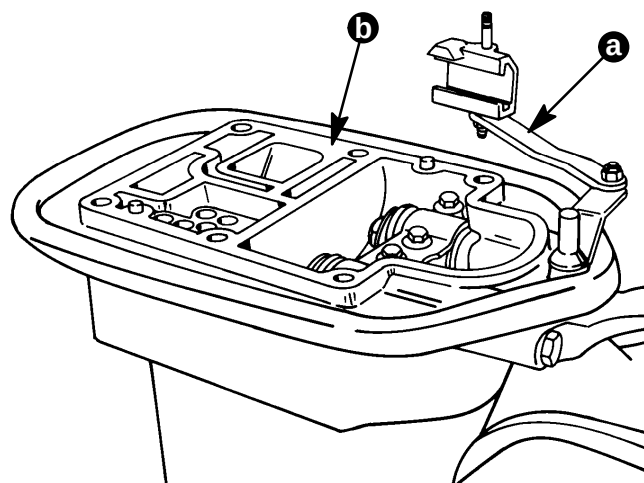
Install clamp.



51097

- a - Clamp
- b - Bolts [220 lb. in. (24 N·m)]

Install shift linkage assembly and new gasket to drive shaft housing.



51097

- a - Shift Linkage Assembly
- b - Gasket

Install powerhead and gearcase assemblies referring to appropriate sections of service manual.

Powerhead Section	4A
Lower Unit Section	6A