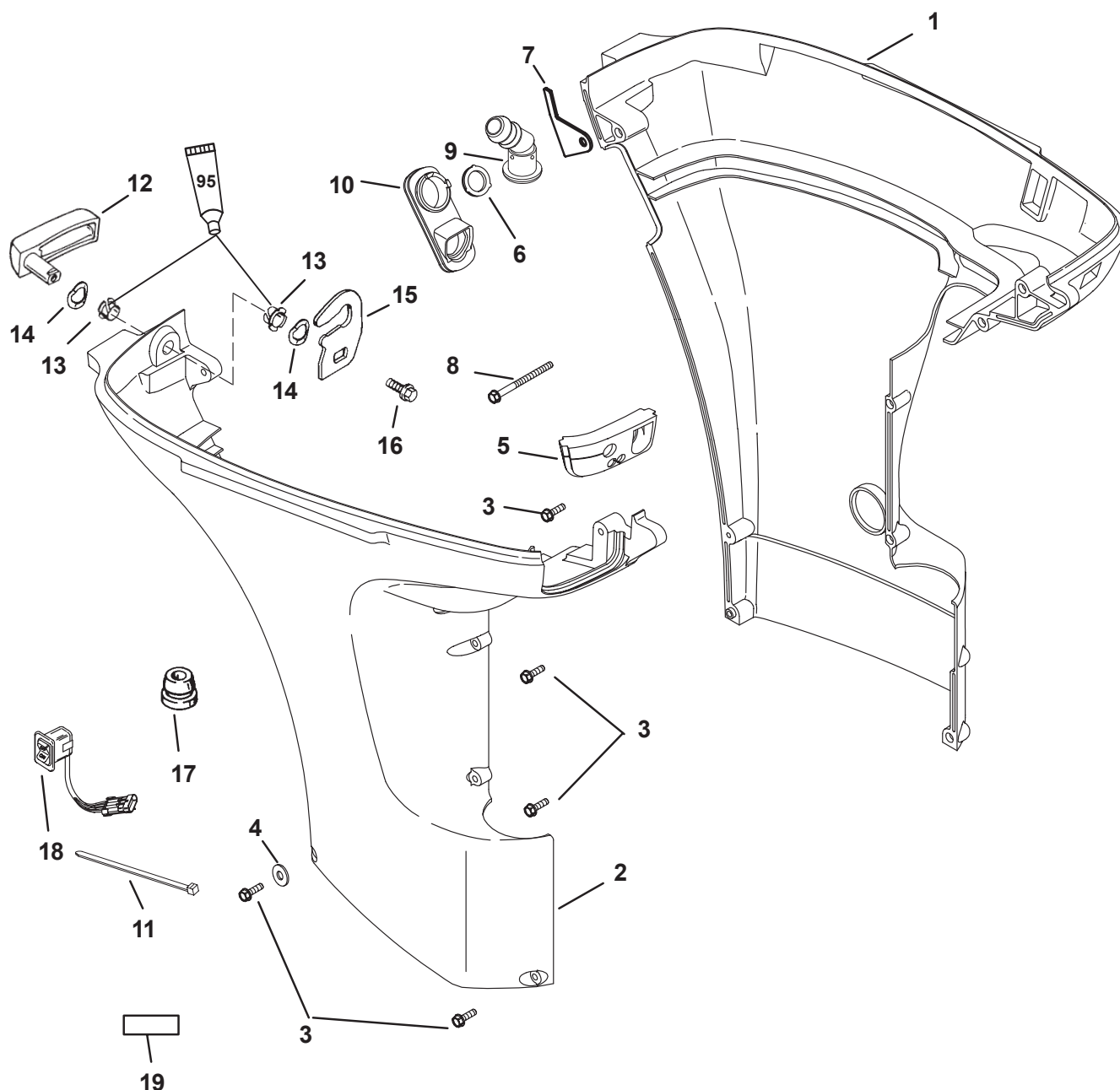
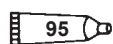




BOTTOM COWL



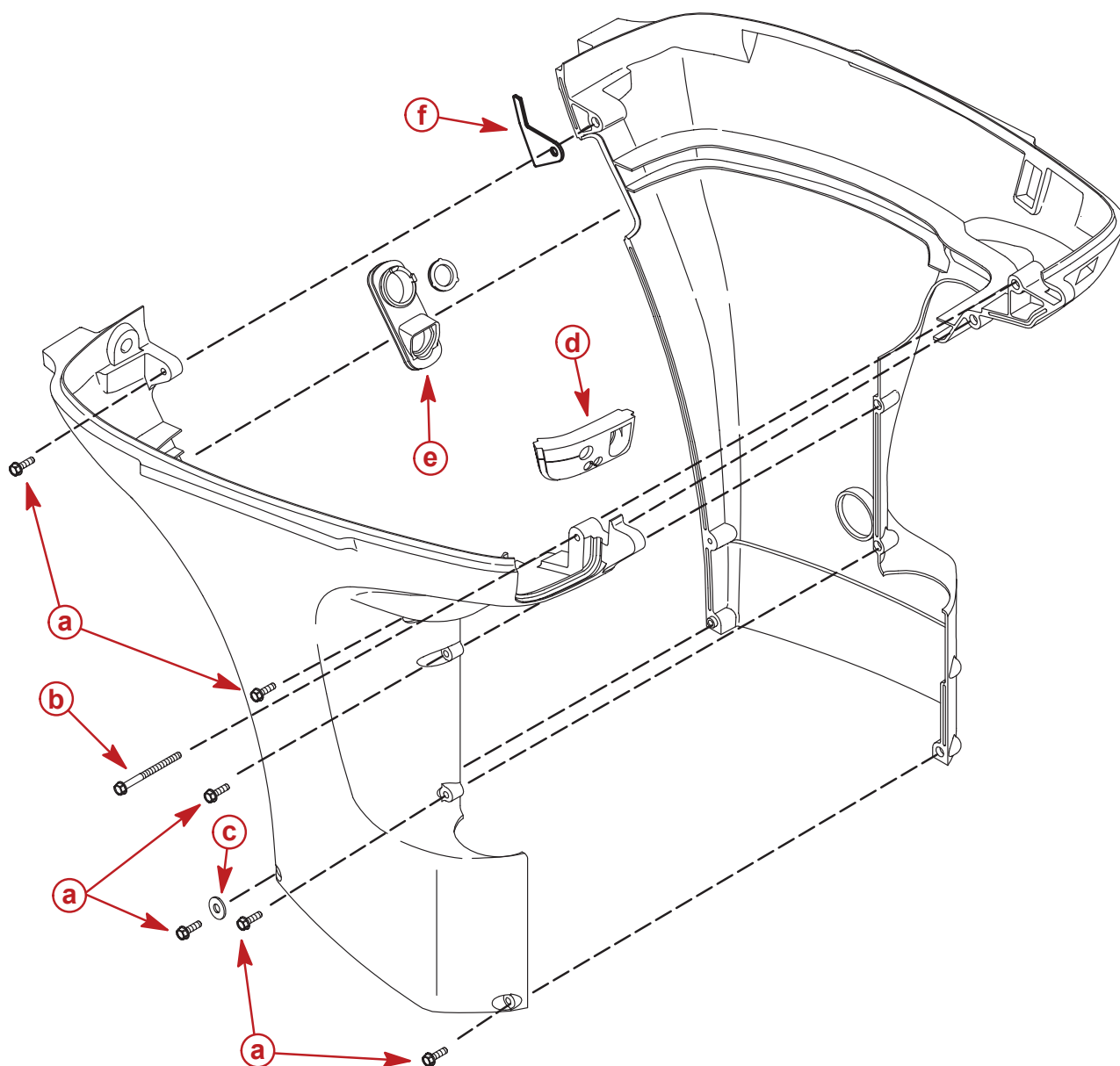
 95 2-4-C With Teflon (92-825407A12)

**BOTTOM COWL**

REF. NO.	QTY.	DESCRIPTION	TORQUE		
			lb-in	lb-ft	Nm.
1	1	BOTTOM COWL (LONG-PORT)			
2	1	BOTTOM COWL (LONG-STBD.)			
3	6	SCREW (M6 x 30)	60		7.0
4	1	WASHER			
5	1	SEAL			
6	1	WASHER			
7	1	GASKET			
8	1	SCREW (M6 x 60)	60		7.0
9	1	FITTING-telltale			
10	1	BOOT			
11	1	STA-STRAP			
12	1	LEVER-Cowl Latch			
13	2	BUSHING			
14	2	WAVE WASHER			
15	1	LATCH HOOK			
16	1	SCREW (M6 x 16)	60		7.0
17	1	GROMMET—Trim wires			
18	1	SWITCH			
19	1	DECAL (CA VERY LOW EMISSION)			



Bottom Cowl Removal/Installation

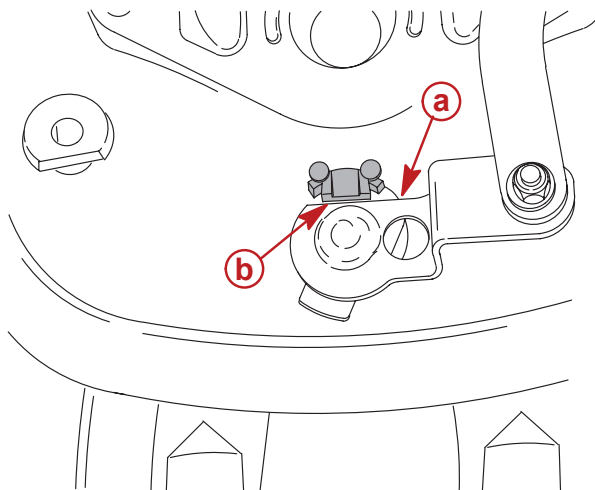


- a** - Cowl Screws (6) M6 x 30 mm
- b** - Cowl Screw (1) M6 x 60 mm
- c** - Washer
- d** - Grommet
- e** - Boot
- f** - Gasket

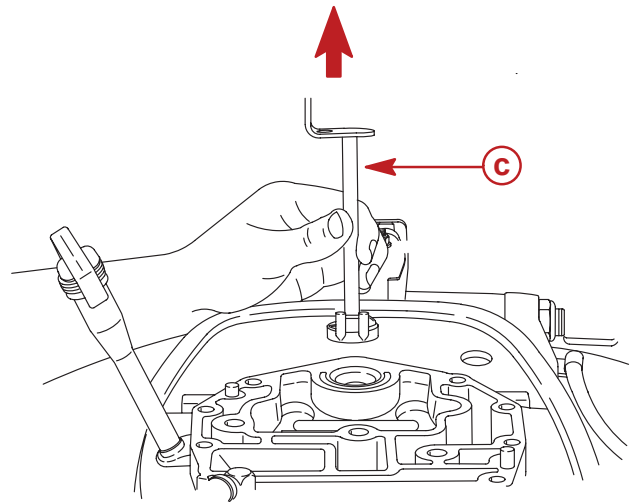


Adaptor Plate Removal

1. Remove powerhead, refer to section 4B.
2. Remove lower unit, refer to section 6.
3. Rotate shift linkage until the flat on the shift shaft bracket lines up with the flat on the bushing. Pull the shift shaft straight up and out.



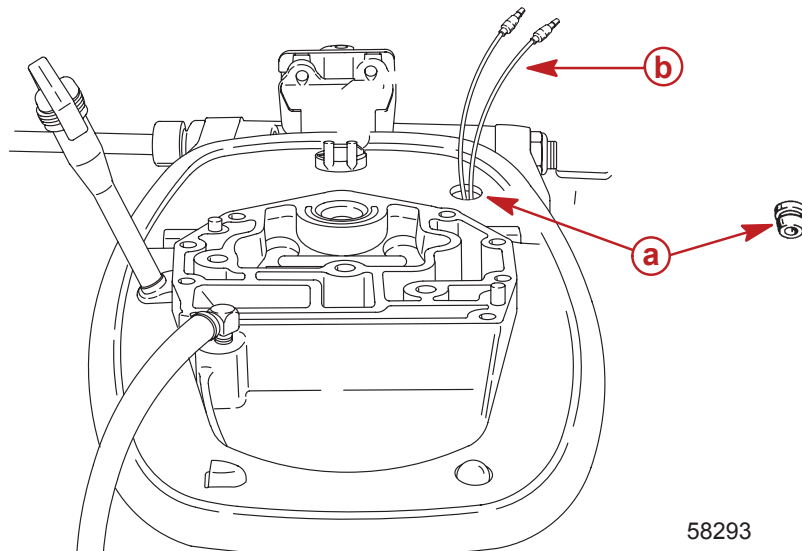
58471



58294

- a** - Shift Bracket Flat
- b** - Bushing Flat
- c** - Shift Shaft

4. Remove wire grommet from adaptor plate. Pull power trim wires out of grommet.

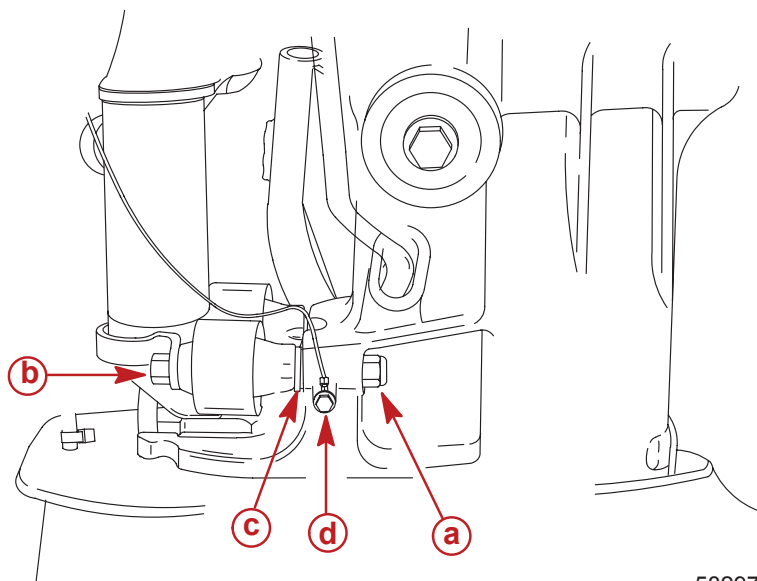


58293

- a** - Trim Wire Grommet
- b** - Power Trim Wires

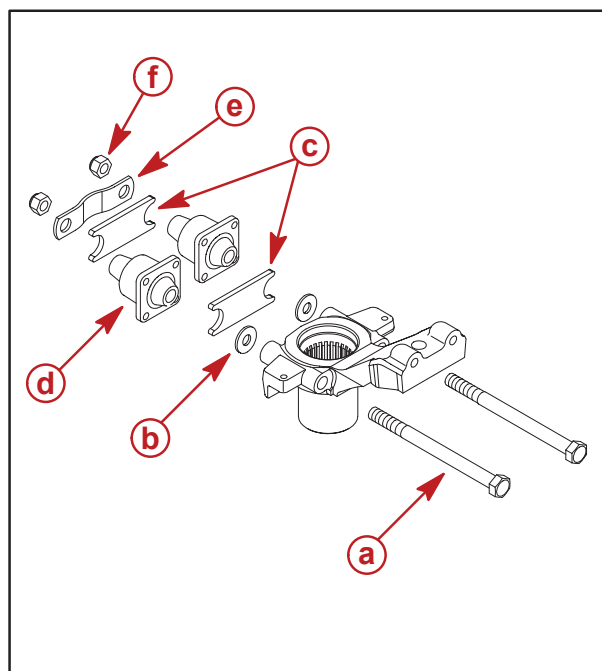
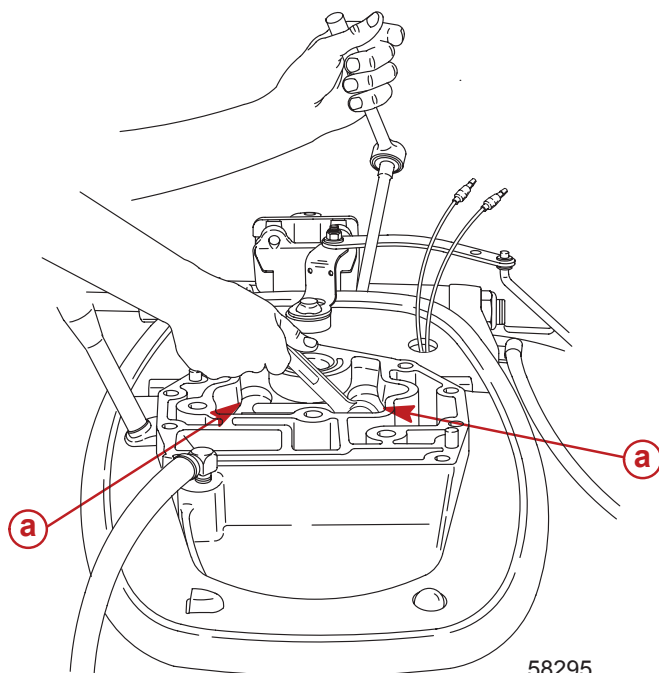


5. Remove nuts and washers from lower mount bolts.
6. Remove ground strap bolt.



- a** - Nut (2)
- b** - Lower Mount Bolts (2) M10 x 105 mm
- c** - Washers (2)
- d** - Ground Strap Bolt

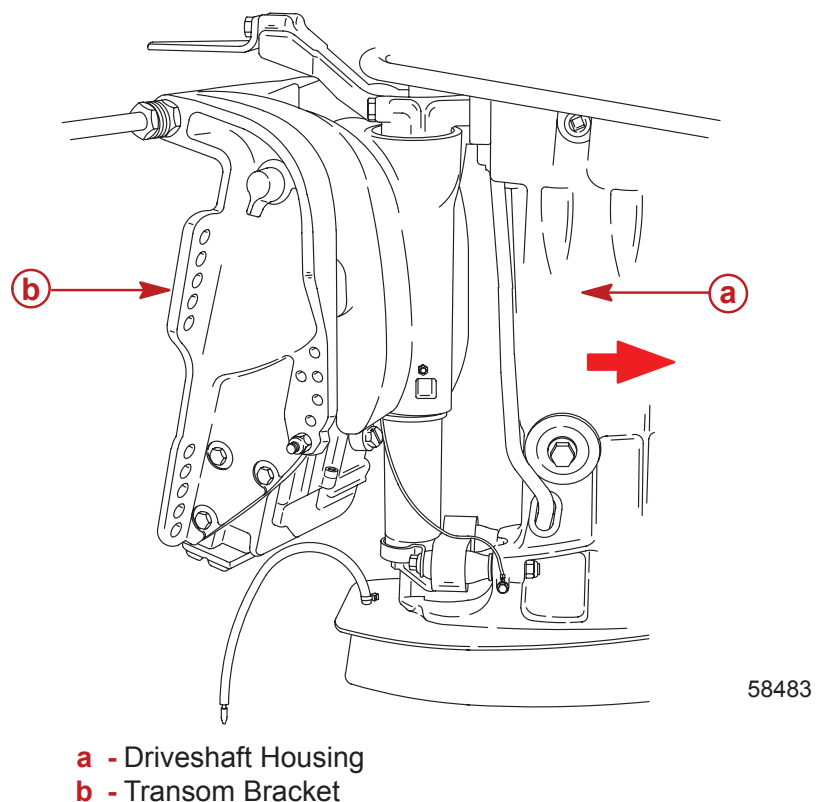
7. Remove nuts and washers from upper mount bolts.



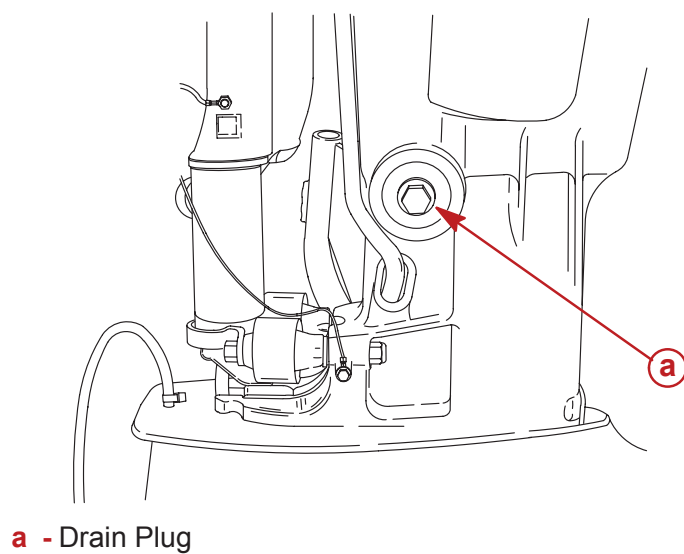
- a** - Upper Mount Bolt2 (2) M12 x 154 mm
- b** - Washers (2)
- c** - Bumper (2)
- d** - Mounts (2)
- e** - Strap
- f** - Nuts (2)



8. Separate drive shaft housing from transom bracket mount bolts by pulling backward.

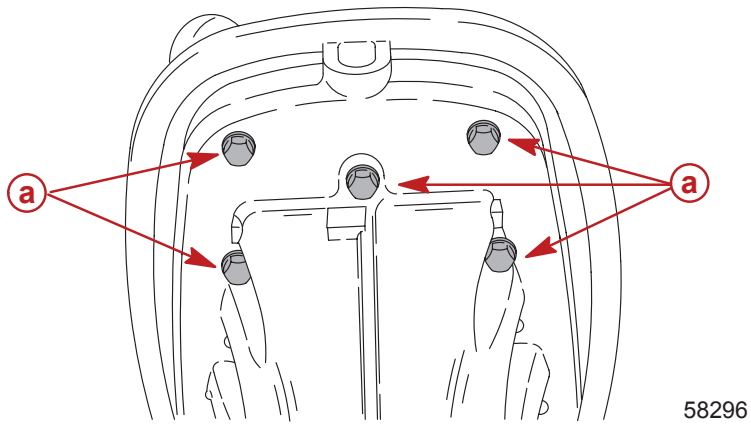


9. Remove drain plug on port side of driveshaft housing to drain remaining oil from sump.



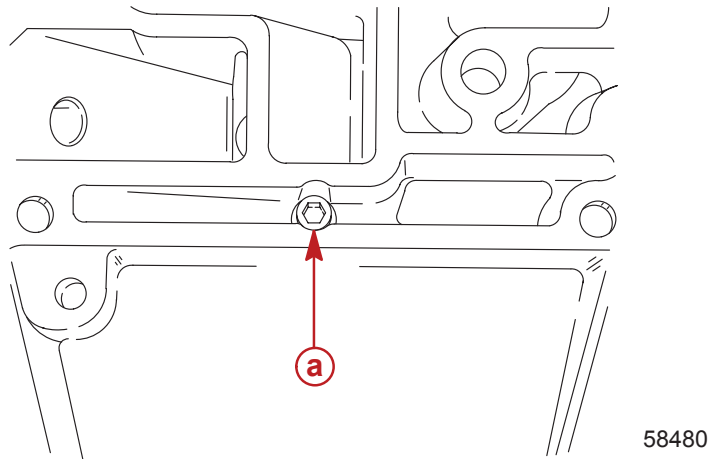


10. Remove 5 adaptor plate bolts from aft/underside of driveshaft housing.



a - Bolts (5) M8 x 45 mm

11. Remove allen head screw on top of adaptor plate.



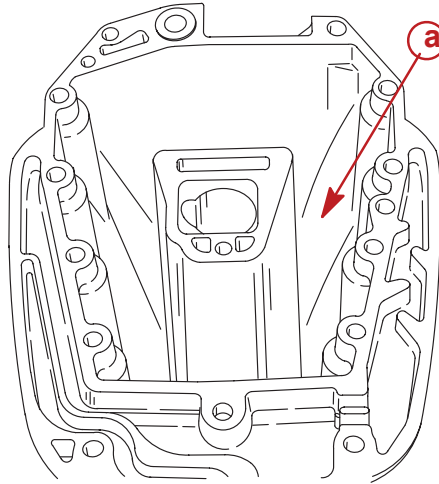
a - Allen Head Screw M6 x 50

12. Remove adaptor plate from driveshaft housing.
13. Inspect powerhead base gasket and adaptor plate gasket before reassembly. Replace if necessary.



Cleaning Oil Sump

1. Inspect and clean oil sump thoroughly before reassembly.

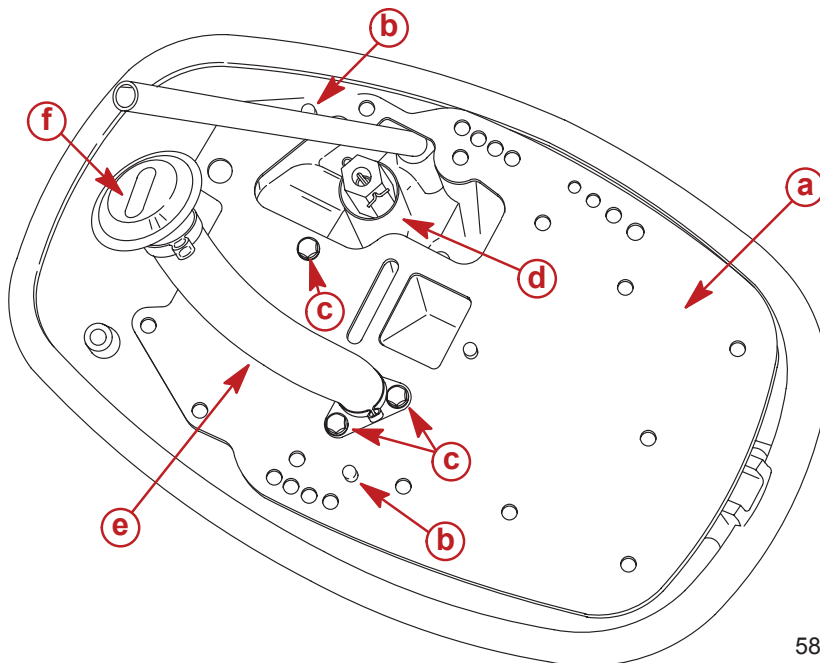


58467

a - Oil Sump

Adaptor Plate Inspection/Cleaning

1. Disassemble, clean and inspect adaptor plate components as required.
2. Oil pick-up screen in baffle should be clean and free of damage.
3. Oil pick-up hose must be in good condition and clamped securely at either end.
4. Oil pressure relief valve must be clean and free to open and close without sticking.



58488

- a** - Gasket
- b** - Dowel Pins (2)
- c** - Bolts (3) M6 x 20
- d** - Oil Pressure Relief Valve/Deflector Cup Assembly
- e** - Oil Pick-up Hose
- f** - Baffle Screen



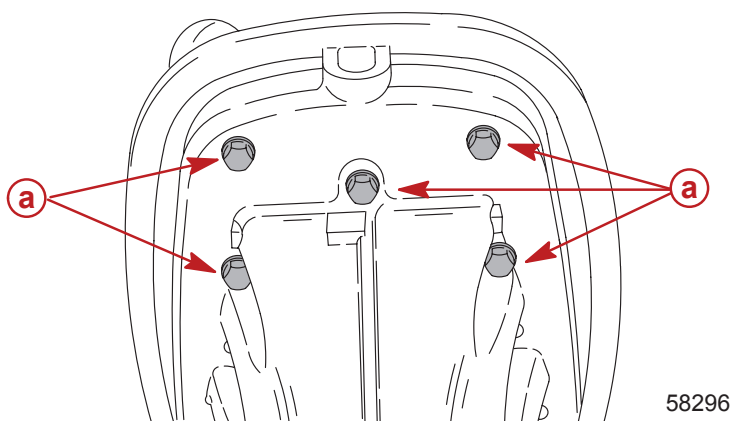
Adaptor Plate Reassembly

1. If removed during cleaning/inspection, install adaptor plate components per the above diagram. Tighten fasteners to specified torque.

Pickup Hose/Gasket Bolt Torque
75 lb-in. (38 Nm)

Oil Pressure Relief Valve Torque (Oiled)
17 lb-ft. (23 Nm)

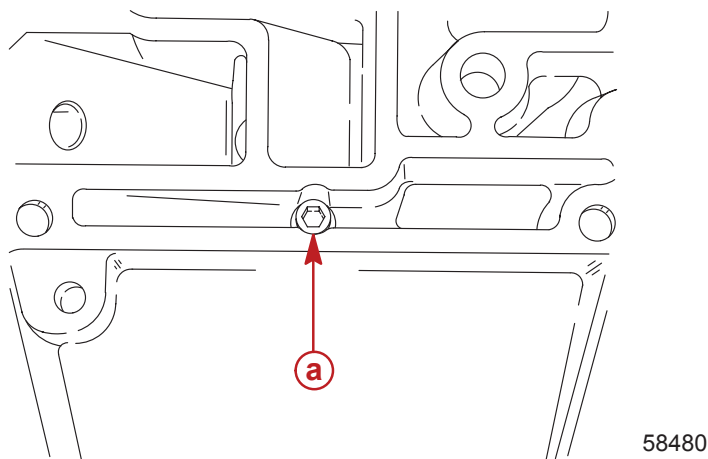
1. Place adaptor plate on to driveshaft housing, install 5 bolts on the aft/underside of the driveshaft housing and tighten to specified torque.



a - Bolts (5) M8 x 45 mm

Adaptor Plate Bolt Torque
28 lb-ft. (38 Nm)

2. Install allen head screw on top side of adaptor plate. Tighten to specified torque.



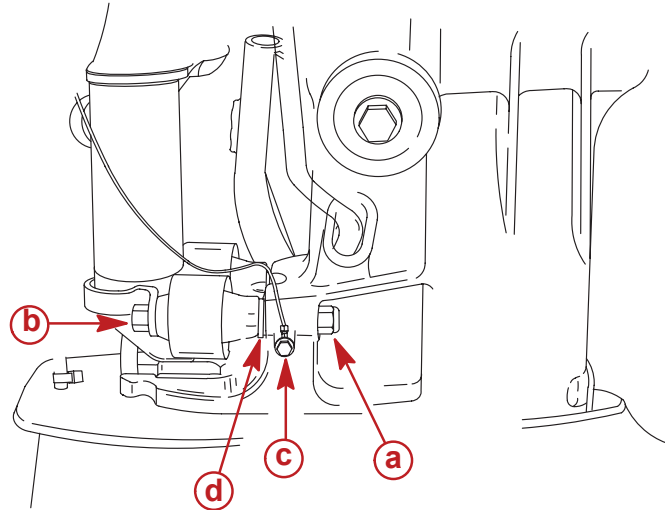
a - Allen Head Screw M6 x 50

Adaptor Plate Bolt Torque
150 lb-in. (16.9 Nm)



Driveshaft Housing Reassembly

1. Replace driveshaft housing assembly to transom bracket. Two people may be required for this, one to hold the driveshaft housing, the other to install the upper and lower bolts.
2. Tighten lower bolts to specified torque. Make sure washers are in the correct position.
3. Tighten ground strap bolt.

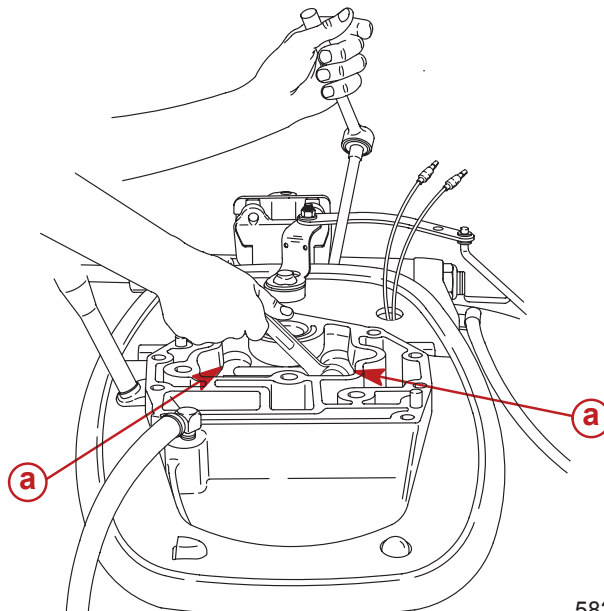


58297

a - Nut (2)**b** - Lower Mount Bolts (2) M10 x 105mm**c** - Ground Strap Bolt**d** - Washer (2)

Driveshaft Housing Lower Bolt Torque
32.5 lb-ft. (44 Nm)

4. Tighten upper mount bolts to specified torque.



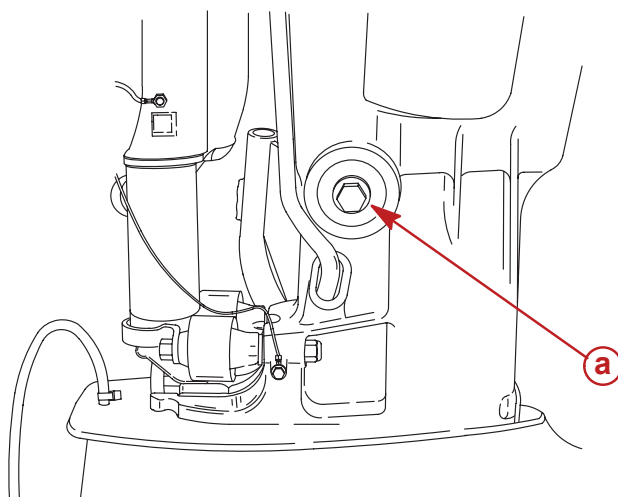
58295

a - Upper Mount Bolts(2) M12 x 154

Driveshaft Housing Upper Bolt Torque
50 lb-ft. (68 Nm)



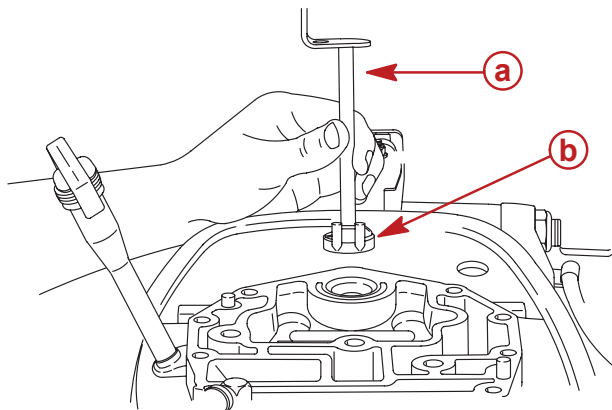
5. Replace drain plug into housing and torque to specified torque.



a - Drain Plug

Drain Plug Torque
17.5 lb-ft (24 Nm)

6. Slide the shift shaft through the bushing, into the driveshaft housing.

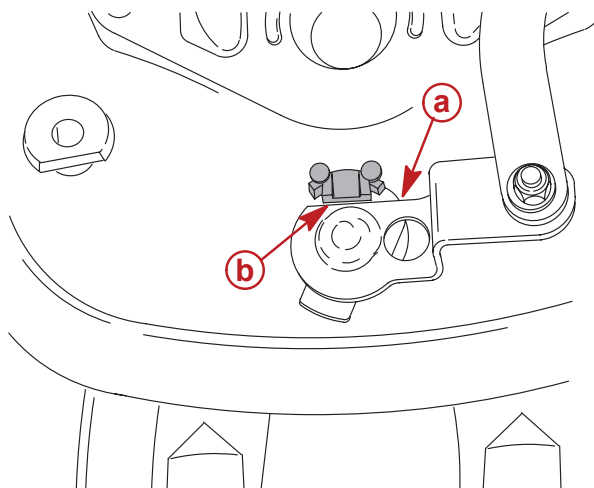


a - Shift Shaft
b - Bushing

58294



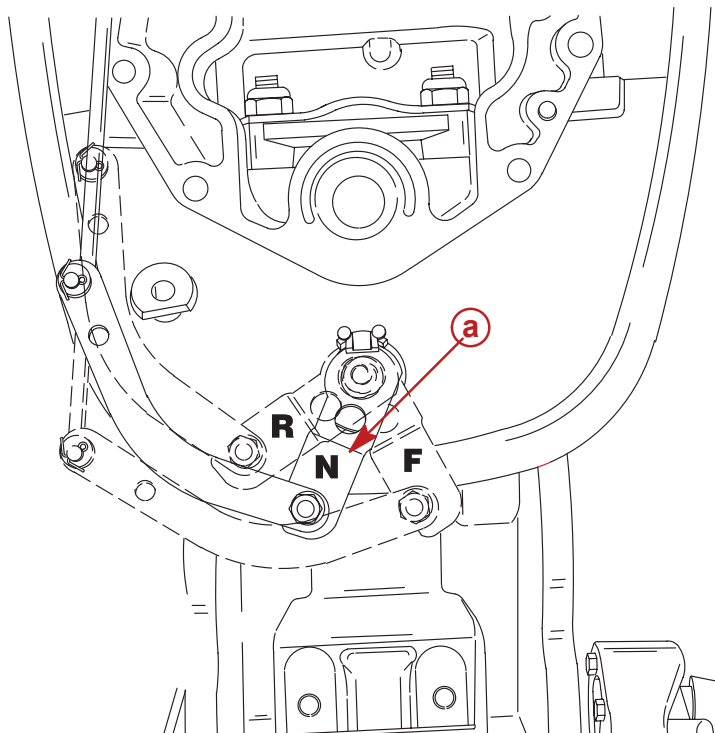
7. Rotate shift shaft so the flat on the shift shaft bracket lines up with the flat on the bushing.



58471

- a** - Shift Shaft Bracket
b - Bushing Flat

8. Rotate shift shaft and position bracket in the neutral position.

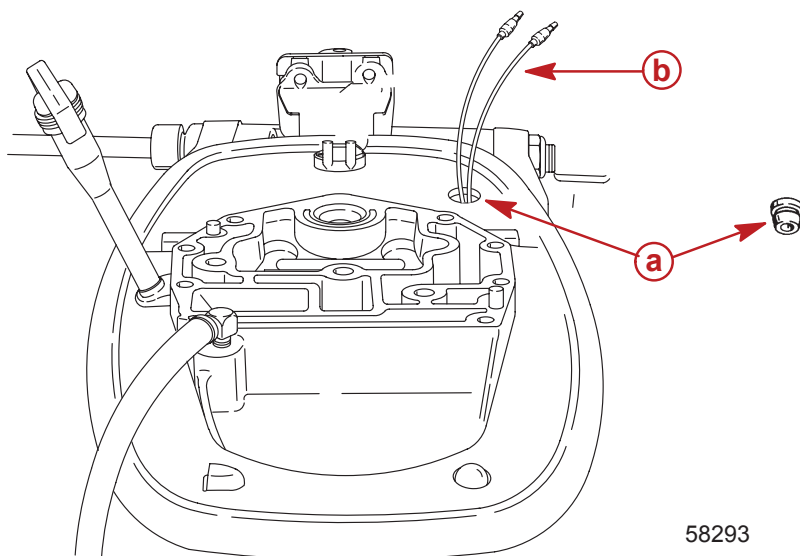


58487

- a** - Shift Shaft Bracket



9. Install grommet and pull power trim wires up thru adaptor plate grommet.



- a** - Trim Wire Grommet
- b** - Power Trim Wires

10. Reinstall the following components:

- Lower unit, refer to section 6.
- Powerhead, refer to section 4B.