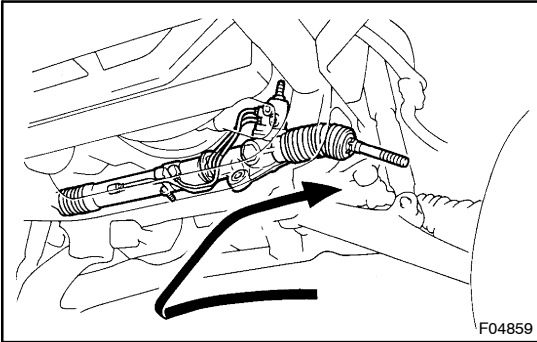




## INSTALLATION

### 1. INSTALL PS GEAR ASSEMBLY

- Slide the gear assembly to the right side of the vehicle to position it to the member.
- Slide the gear assembly to the left side of the vehicle.
- Torque the 2 new gear assembly set bolts, nuts and washers.

**Torque: 100 N·m (1,020 kgf·cm, 74 ft·lbf)**

### NOTICE:

**Do not damage the turn pressure tubes.**

### 2. INSTALL RH AND LH TIE ROD ENDS AND LOCK NUTS

- Screw the lock nut and tie rod end onto the rack end until the matchmarks are aligned.
- After adjusting toe-in, torque the nut.

(See page SA-9)

**Torque: 55 N·m (560 kgf·cm, 41 ft·lbf)**

### 3. CONNECT TUBE CLAMP

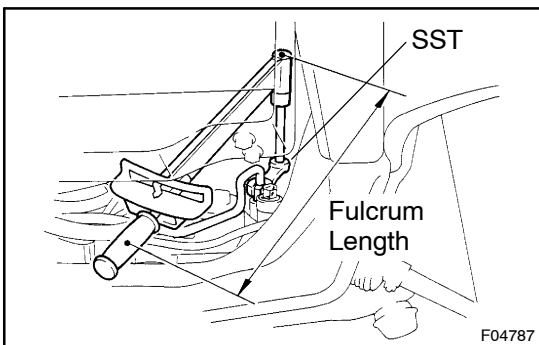
Torque the bolt.

**Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)**

### 4. INSTALL BRACKET AND GROMMET

Torque 2 new bolts.

**Torque: 100 N·m (1,020 kgf·cm, 74 ft·lbf)**



### 5. CONNECT RETURN TUBE

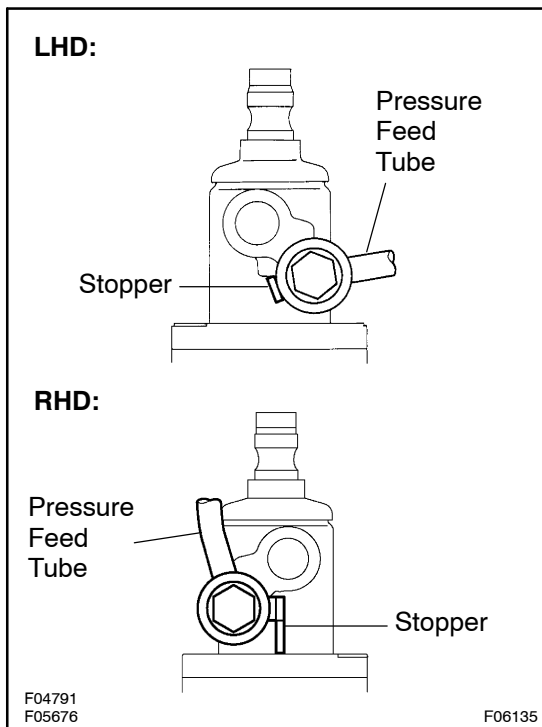
Using SST, connect the tube.

SST 09631-22020

**Torque: 36 N·m (365 kgf·cm, 26 ft·lbf)**

### HINT:

- Use a torque wrench with a fulcrum length of 300 mm (11.81 in.).
- This torque value is effective in case that SST is parallel to a torque wrench.

**6. CONNECT PRESSURE FEED TUBE**

Install a new gasket and torque the union bolt.

**Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)**

**HINT:**

Make sure that the stopper of the tube touches the PS gear assembly as shown in the illustration, then torque the bolt.

**7. CONNECT NO.2 INTERMEDIATE SHAFT ASSEMBLY (See page SR-24)****8. 2UZ-FE:****INSTALL ENGINE OIL FILTER ASSEMBLY**

(a) Install a new O-ring.

(b) Torque the 2 bolts and nut with the bracket.

**Torque: 18 N·m (185 kgf·cm, 13 ft·lbf)**

(c) Connect the 2 clips and hoses.

**9. CONNECT RH AND LH TIE ROD ENDS**

(See page SA-38)

**10. INSTALL NO.1 AND NO.2 ENGINE UNDER COVERS**

(a) Install the No.1 under cover with the 6 bolts.

(b) Install the No.2 under cover with the 8 bolts.

**11. 1HD-FTE:****INSTALL FRONT TRANSMISSION UNDER COVER**

Tighten the 2 bolts and nuts.

**12. PLACE FRONT WHEELS FACING STRAIGHT AHEAD****HINT:**

Do it with the front of the vehicle jacked up.

**13. CENTER SPIRAL CABLE**

(See page SR-24)

**14. INSTALL STEERING WHEEL**

(a) Align the matchmarks on the wheel and steering column main shaft.

(b) Temporarily tighten the wheel set nut.

(c) Connect the connector.

**15. BLEED POWER STEERING SYSTEM**

(See page SR-4)

**16. CHECK STEERING WHEEL CENTER POINT****17. TORQUE STEERING WHEEL SET NUT**

**Torque: 34 N·m (350 kgf·cm, 25 ft·lbf)**

**18. INSTALL STEERING WHEEL PAD**

(See page SR-24)

**19. CHECK FRONT WHEEL ALIGNMENT**

(See page SA-9)