

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

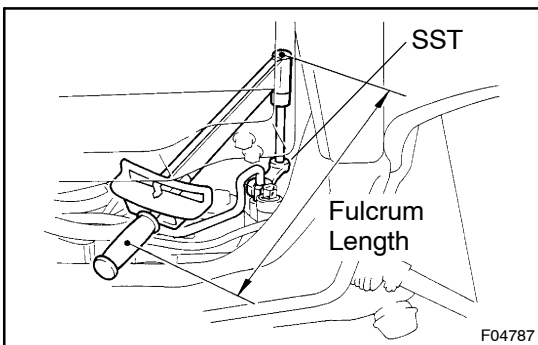
Torque the bolt.

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

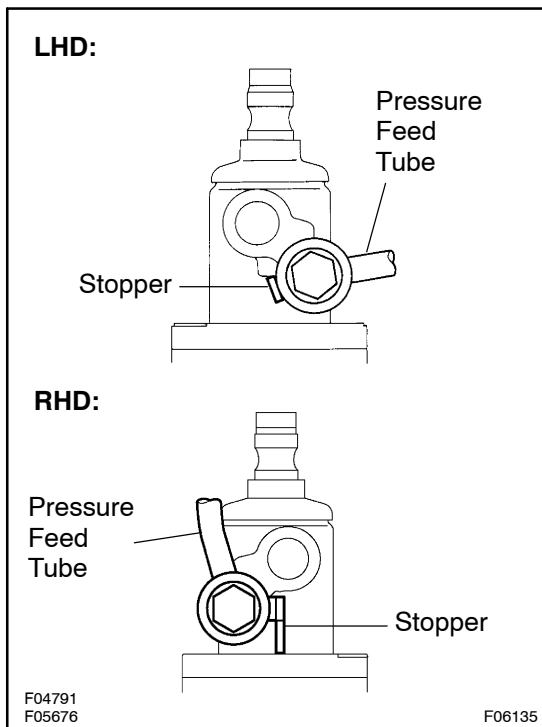
Using SST, connect the tube.

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)

(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)

(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)

(See page SR-24)

19. CHECK FRONT WHEEL ALIGNMENT (See page SA-9)

(See page SA-9)