

## INSTALLATION

### 1. INSTALL PS GEAR ASSEMBLY

Torque the 2 new gear assembly set bolts, nuts and washers.

**Torque: 120 N·m (1,250 kgf·cm, 89 ft·lbf)**

HINT:

Slide the gear assembly to the right side, slide the gear assembly to the left side and position it.

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

(a) Screw the lock nut and tie rod end onto the rack end until the matchmarks are aligned.

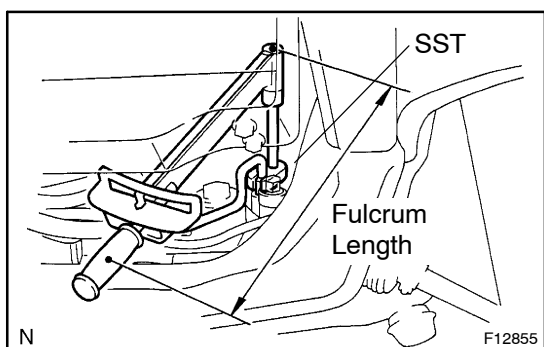
(b) After adjusting tie-in, torque the nut (See Pub. No. RM616E on page SA-9).

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

### 3. CONNECT TUBE CLAMP

Torque the bolt.

**Torque: 18 N·m (180 kgf·cm, 13 ft·lbf)**



### 4. CONNECT RETURN TUBE

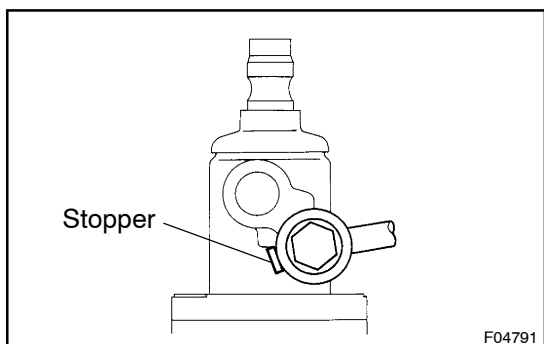
Using SST, connect the tube.

SST 09023-38400

**Torque: 44 N·m (450 kgf·cm, 32 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.



### 5. CONNECT PRESSURE FEED TUBE

Torque the union bolt with a new gasket.

HINT:

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

**Torque: 42 N·m (430 kgf·cm, 31 ft·lbf)**

### 6. CONNECT NO. 2 INTERMEDIATE SHAFT ASSEMBLY

(See page SR-17)

### 7. 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 (180 kgf·cm, 13 ft·lbf)**

(c) Connect the 2 clips and hoses.

### 8. CONNECT RH AND LH TIE ROD ENDS (See Pub. No. RM616E, page SA-38)

### 9. INSTALL NO. 2 ENGINE UNDER COVER

Tighten the 6 bolts.

**10. INSTALL NO. 1 ENGINE UNDER COVER**

Tighten the 7 bolts.

**11. POSITION FRONT WHEELS FACING STRAIGHT AHEAD**

HINT:

Do it with the front of the vehicle jacked up.

**12. CENTER SPIRAL CABLE (See page SR-17)****13. 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.

**14. BLEED POWER STEERING SYSTEM  
(See Pub. No. RM616E, page SR-4)****15. CHECK STEERING WHEEL CENTER POINT****16. TORQUE STEERING WHEEL SET NUT  
Torque: 50 N·m (510 kgf·cm, 37 ft·lbf)****17. INSTALL STEERING WHEEL PAD (See page SR-17)****18. CHECK FRONT WHEEL ALIGNMENT (See Pub. No. RM616E, page SA-9)****19. PERFORM VGRS SYSTEM CALIBRATION  
(See page DI-100)****20. PERFORM ZERO POINT CALIBRATION OF YAW RATE  
AND DECELERATION SENSORS  
(See Pub. No. RM970E, page DI-185)**