

## INSTALLATION

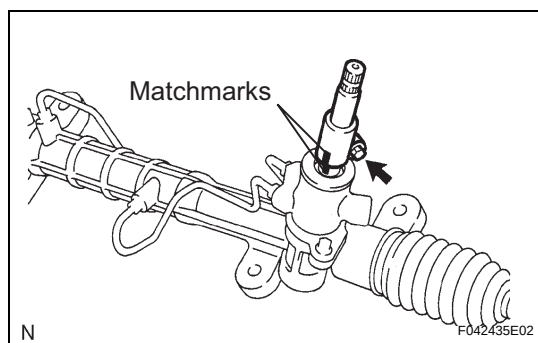
### 1. INSTALL RACK & PINION POWER STEERING GEAR ASSEMBLY

- (a) Install the power steering gear assembly with the 4 bolts and nuts.

**Torque: 58 N\*m (590 kgf\*cm, 43 ft.\*lbf)**

**NOTICE:**

- The 4 bush must be securely installed to the power steering gear assembly.
- When tightening the installation bolt for power steering gear, the bush should not bitten in.



### 2. INSTALL STEERING INTERMEDIATE SHAFT

- (a) Align the matchmarks on the steering intermediate shaft with steering pinion shaft.

- (b) Install the bolt.

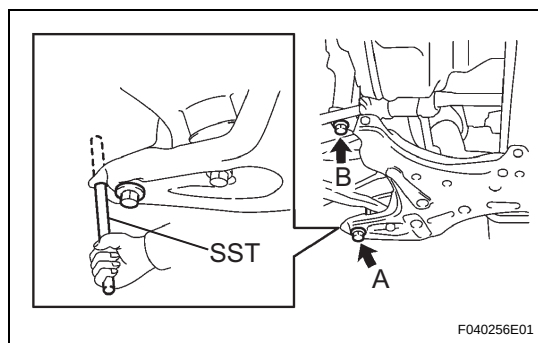
**Torque: 35 N\*m (360 kgf\*cm, 26 ft.\*lbf)**

### 3. INSTALL STEERING COLUMN HOLE COVER SUB-ASSEMBLY NO. 1

### 4. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSEMBLY

- (a) Using SST, align the holes of the front suspension member RH and body, and temporarily tighten the bolt in order of A, B.

**SST 09670-00010**



- (b) Using SST, align the holes of the front suspension member LH and body, and temporarily tighten the bolt in order of A, B.

**SST 09670-00010**

- (c) Using SST, align the holes of the front suspension member RH and body, and torque the bolt A and B.

**SST 09670-00010**

**Torque: Bolt A**

**157 N\*m (1,600 kgf\*cm, 116 ft.\*lbf)**

**Bolt B**

**113 N\*m (1,152 kgf\*cm, 83 ft.\*lbf)**

- (d) Using SST, align the holes of the front suspension member LH and body, and torque the bolt A and B.

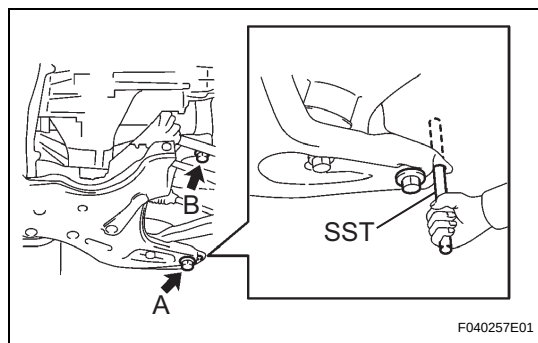
**SST 09670-00010**

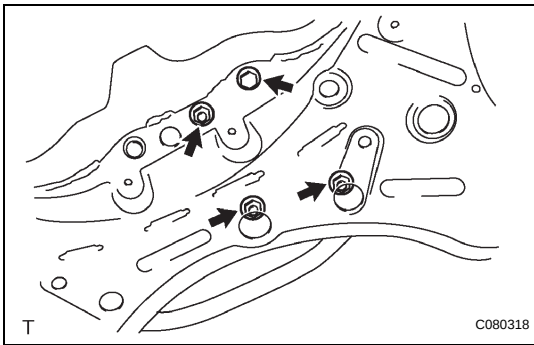
**Torque: Bolt A**

**157 N\*m (1,600 kgf\*cm, 116 ft.\*lbf)**

**Bolt B**

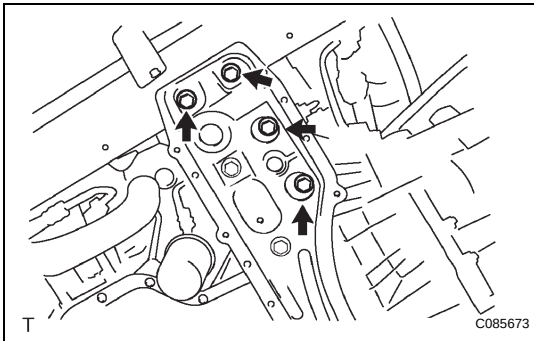
**113 N\*m (1,152 kgf\*cm, 83 ft.\*lbf)**





- (e) Connect the engine mounting insulator RR to the crossmember with the bolt and 3 nuts.

**Torque: 52 N\*m (530 kgf\*cm, 38 ft.\*lbf)**

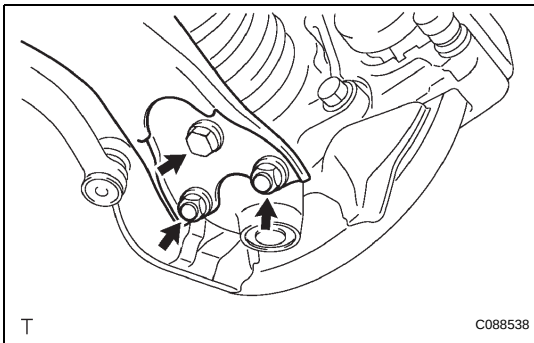


- (f) Install the center member to the frame with the 2 bolts.

**Torque: 60 N\*m (612 kgf\*cm, 44 ft.\*lbf)**

- (g) Connect the engine mounting insulator FR to the center member with the 2 bolts.

**Torque: 52 N\*m (530 kgf\*cm, 38 ft.\*lbf)**



#### 5. CONNECT FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER NO. 1 LH

- (a) Connect the front suspension lower arm No. 1 to the lower ball joint with the bolt and 2 nuts.

**Torque: 89 N\*m (910 kgf\*cm, 66 ft.\*lbf)**

#### 6. CONNECT FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER NO. 1 RH

HINT:

Use the same manner described above to the other side.

#### 7. CONNECT FRONT STABILIZER LINK ASSEMBLY LH

- (a) Connect the front stabilizer link assembly LH with the nut.

**Torque: 74 N\*m (750 kgf\*cm, 55 ft.\*lbf)**

#### 8. CONNECT FRONT STABILIZER LINK ASSEMBLY RH

HINT:

Use the same manner described above to the other side.

#### 9. CONNECT RETURN TUBE SUB-ASSEMBLY

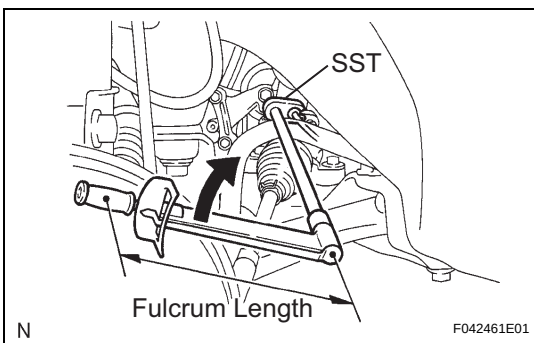
- (a) Using SST, connect the return tube sub-assembly.

**SST 09023-38401**

**Torque: 23 N\*m (235 kgf\*cm, 17 ft.\*lbf)**

HINT:

- Use a torque wrench with a fulcrum length of 345 mm (13.58 in.).
- This torque value is effective in case that SST is parallel to a torque wrench.

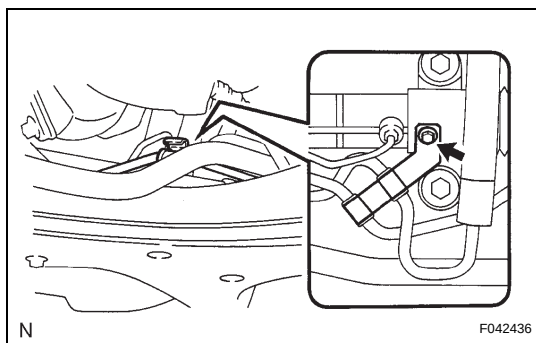


#### 10. CONNECT PRESSURE FEED TUBE ASSEMBLY

- (a) Using SST, connect the pressure feed tube assembly.

**SST 09023-38401**

**Torque: 23 N\*m (235 kgf\*cm, 17 ft.\*lbf)**



HINT:

- Use a torque wrench with a fulcrum length of 345 mm (13.58 in.).
- This torque value is effective in case that SST is parallel to a torque wrench.

(b) Connect the tube clamp with the bolt.

**Torque: 7.8 N\*m (80 kgf\*cm, 69 ft.\*lbf)**

**11. CONNECT STEERING INTERMEDIATE SHAFT (See page [SR-10](#))**

**12. CONNECT TIE ROD END SUB-ASSEMBLY LH**

(a) Connect the tie rod end sub-assembly LH with the nut.

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

(b) Install a new cotter pin.

**NOTICE:**

If the holes for a new cotter pin are not aligned, tighten the nut further up to 60°.

**13. CONNECT TIE ROD END SUB-ASSEMBLY RH**

HINT:

Use the same manner described above to the other side.

**14. INSTALL ENGINE UNDER COVER LH**

**15. INSTALL ENGINE UNDER COVER RH**

**16. INSTALL FRONT WHEELS**

**Torque: 103 N\*m (1,050 kgf\*cm, 76 ft.\*lbf)**

**17. INSPECT CENTER FRONT WHEEL**

**18. INSTALL COLUMN HOLE COVER SILENCER SHEET**

(a) Install the column hole cover silencer sheet with the 2 nuts.

**19. ADD POWER STEERING FLUID**

**20. BLEED POWER STEERING FLUID (See page [PS-2](#))**

**21. INSPECT FOR POWER STEERING FLUID LEAK**

**22. INSTALL CYLINDER HEAD COVER NO. 2**

(a) Install the cylinder head cover No. 2 with 2 nuts and 2 clips.

**Torque: 7.0 N\*m (71 kgf\*cm, 62 ft.\*lbf)**

**23. INSTALL HOOD SUB-ASSEMBLY**

**24. INSPECT HOOD SUB-ASSEMBLY**

HINT:

See page [ED-1](#).

**25. ADJUST HOOD SUB-ASSEMBLY**

HINT:

See page [ED-1](#).

**26. CENTER SPIRAL CABLE (See page [SR-11](#))**

**27. INSTALL STEERING WHEEL ASSEMBLY (See page [SR-11](#))**

**28. INSTALL STEERING PAD (See page [RS-275](#))**

**29. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT**

HINT:

See page [SP-4](#).**30. INSPECT SRS WARNING LIGHT**

HINT:

See page [RS-26](#).