

FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH REPLACEMENT

26083-02

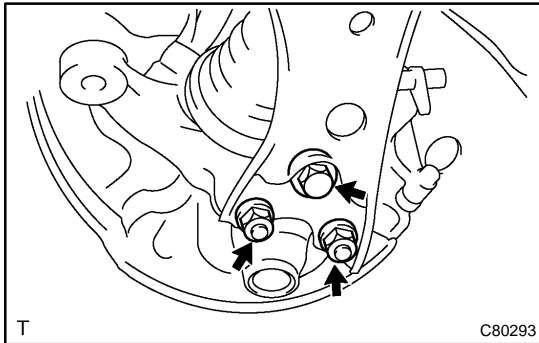
HINT:

COMPONENTS: See page 26-3

1. REMOVE FRONT WHEEL
2. DISCONNECT FRONT STABILIZER LINK ASSY LH (LH (A/T) POSITION)(See page 26-10)
3. DISCONNECT FRONT STABILIZER LINK ASSY RH (LH (A/T) POSITION)

HINT:

Remove the RH side by the same procedures as the LH side.



4. SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
 - (a) Remove the bolt and 2 nuts, and separate the front suspension arm sub-assy lower No.1 LH from the lower ball joint assy front LH.

5. SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 RH (LH (A/T) POSITION)

HINT:

Remove the RH side by the same procedures as the LH side.

6. SEPARATE RACK & PINION POWER STEERING GEAR ASSY (LH (A/T) POSITION)

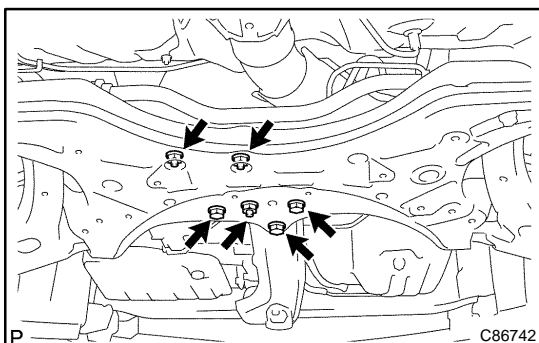
- (a) 2WD:
Remove the 4 bolts, separate the rack & pinion power steering gear assy.
- (b) 4WD:
Remove the 2 bolts and 2 nuts, separate the rack & pinion power steering gear assy.

NOTICE:**Loosen the bolt since the nut cannot be rotated.**

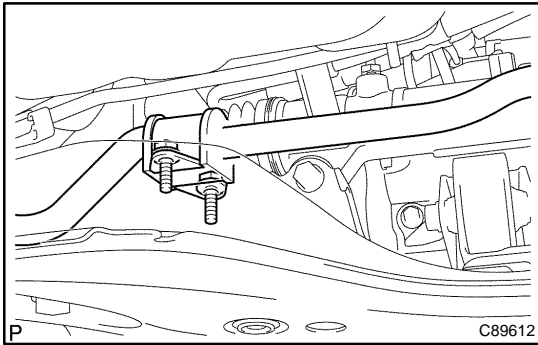
- (c) Suspend the rack & pinion power steering gear assy.

7. SUSPEND ENGINE ASSY (LH (A/T) POSITION)

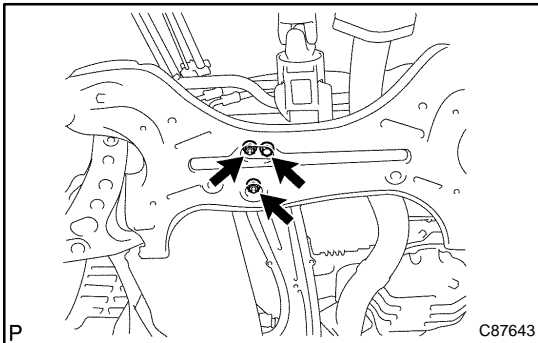
- (a) 1ZZ-FE: See page 40-12
- (b) 2ZZ-GE: See page 40-25



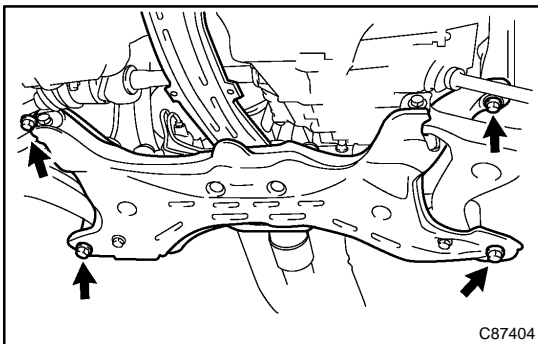
8. SEPARATE FRONT SUSPENSION CROSSMEMBER SUB-ASSY (LH (A/T) POSITION)
 - (a) 2WD:
Remove the 3 bolts and 3 nuts, disconnect the transverse engine engine mounting insulator and engine mounting member sub-assy center from the front suspension crossmember sub-assy.



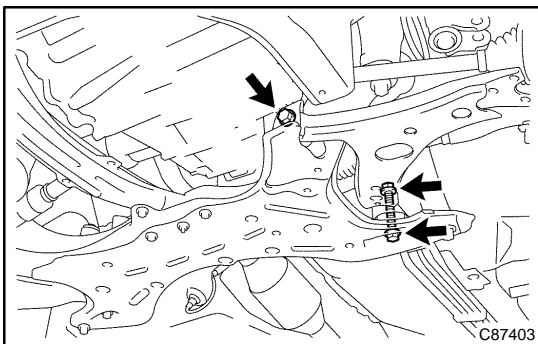
- (b) 4WD:
Remove the 4 bolts, disconnect the stabilizer bar front from the front suspension crossmember sub-assy.



- (c) 4WD:
Remove the bolt and 2 nuts, disconnect the transverse engine engine mounting insulator and engine mounting member sub-assy center from the front suspension crossmember sub-assy.

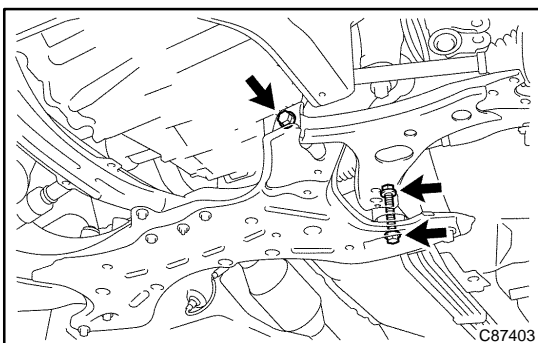


- (d) Remove the 4 bolts.
(e) Lower the transmission jack, remove the front suspension crossmember sub-assy.



9. REMOVE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH

- (a) Remove the 2 bolts, nut and front suspension arm sub-assy lower No.1 LH from the front suspension crossmember sub-assy.

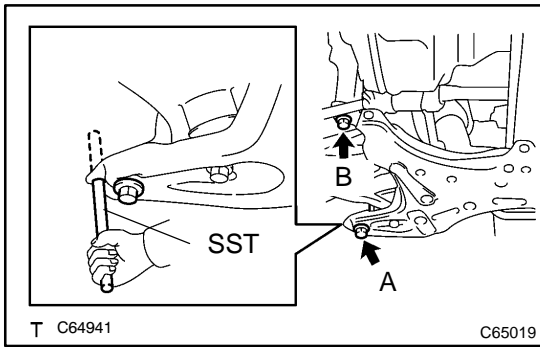


10. TEMPORARY TIGHTEN FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH

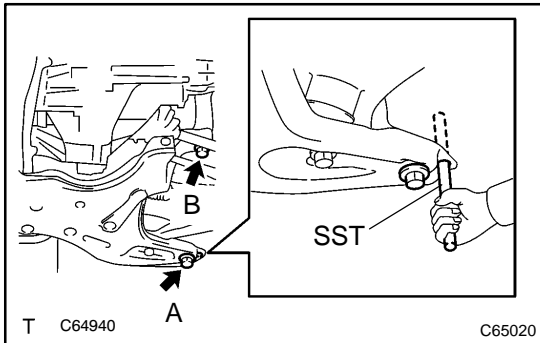
- (a) Install the front suspension arm sub-assy lower No. 1 LH, temporarily tighten the 2 bolts and nut.

11. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSY (LH (A/T) POSITION)

- (a) Lift the front suspension crossmember sub-assy up with a transmission jack.



- (b) Insert SST to the base hole of the RH side crossmember and RH side of the vehicle.
SST 09670-00010
- (c) Tighten the bolt temporarily in the order A and B.



- (d) Insert SST to the base hole of the LH side of crossmember and LH side of the vehicle.
SST 09670-00010
- (e) Tighten the bolt temporarily in the order A and B.
- (f) Insert SST to the base hole of the RH side of crossmember and RH side of the vehicle.
SST 09670-00010
- (g) Then tighten the bolt A and B by the specified torque.

Torque:

Bolt A: 157 N·m (1,601 kgf·cm, 116 ft·lbf)

Bolt B: 113 N·m (1,152 kgf·cm, 83 ft·lbf)

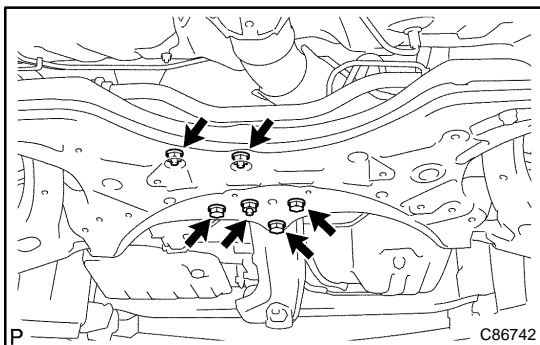
- (h) Insert SST to the base hole of the LH side of crossmember and LH side of the vehicle.
SST 09670-00010
- (i) Tighten the bolt A and B by the specified torque.

Torque:

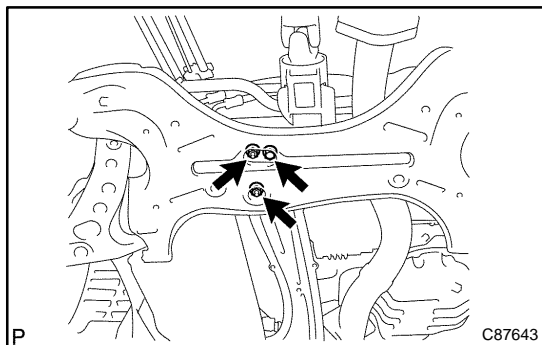
Bolt A: 157 N·m (1,601 kgf·cm, 116 ft·lbf)

Bolt B: 113 N·m (1,152 kgf·cm, 83 ft·lbf)

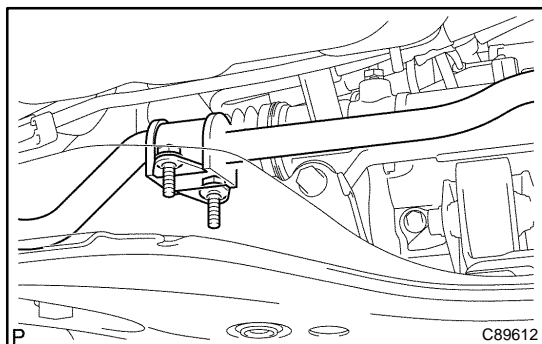
- (j) Connect the transverse engine engine mounting insulator and engine mounting member sub-assy center to the front suspension crossmember sub-assy.



- (k) 2WD:
Install the 3 bolts and 3 nuts.
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)



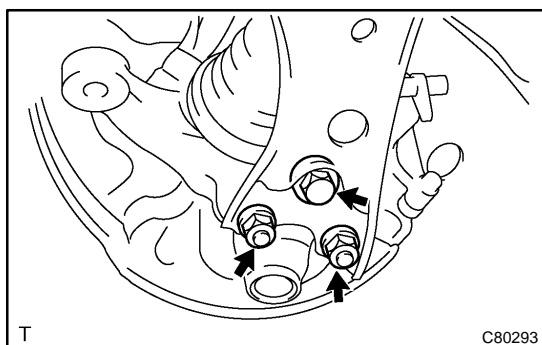
- (l) 4WD:
Install the bolt and 2 nuts.
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)



- (m) 4WD:
Install the stabilizer bar front and 4 bolts to the front suspension crossmember sub-assy.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

12. INSTALL RACK & PINION POWER STEERING GEAR ASSY (LH (A/T) POSITION)

- (a) 2WD:
Install the rack & pinion power steering gear assy with the 4 bolts.
Torque: 58 N·m (591 kgf·cm, 43 ft·lbf)
- (b) 4WD:
Install the rack & pinion power steering gear assy with the 2 bolts and 2 nuts.
Torque: 127 N·m (1,295 kgf·cm, 94 ft·lbf)



- ## 13. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH
- (a) Install the front suspension arm sub-assy lower No.1 LH with the 2 nuts and bolt to the lower ball joint assy front LH.
Torque: 89 N·m (908 kgf·cm, 66 ft·lbf)

14. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 RH (LH (A/T) POSITION)

HINT:
Install the RH side by the same procedures as the LH side.

15. INSTALL FRONT STABILIZER LINK ASSY LH (LH (A/T) POSITION)(See page 26-10)

16. INSTALL FRONT STABILIZER LINK ASSY RH (LH (A/T) POSITION)

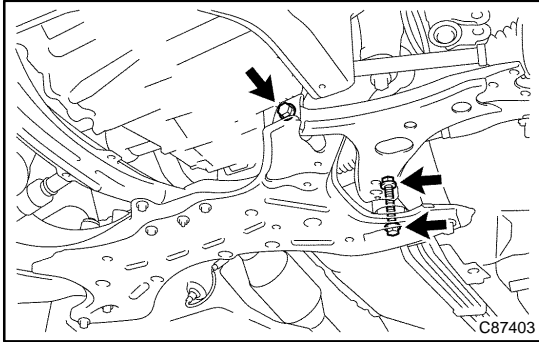
HINT:
Install the RH side by the same procedure as the LH side.

17. STABILIZE SUSPENSION

- (a) Install the front wheel and jack down the vehicle.

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

- (b) Bounce the vehicle up and down several times to stabilize the suspension.

**18. FULLY TIGHTEN FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH**

- (a) Fully tighten the 2 bolts and nut.

Torque: 137 N·m (1,397 kgf·cm, 101 ft·lbf)

NOTICE:

Tighten the bolt since the nut cannot be rotated.

19. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT(See page 26-6)