

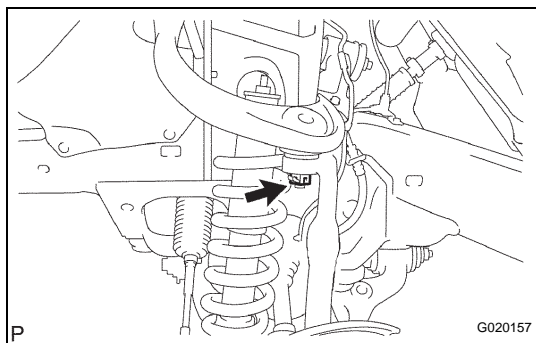
INSTALLATION

1. INSTALL FRONT AXLE HUB

2. INSTALL FRONT SUSPENSION UPPER ARM

- (a) Install a new nut and clip.

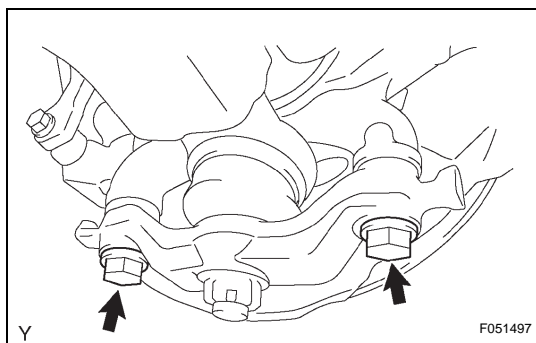
Torque: 110 N*m (1,122 kgf*cm, 81 ft.*lbf)



3. INSTALL FRONT SUSPENSION LOWER ARM

- (a) Install the front suspension lower arm with the 2 bolts.

Torque: 160 N*m (1,631 kgf*cm, 118 ft.*lbf)



4. INSTALL TIE ROD END SUB-ASSEMBLY

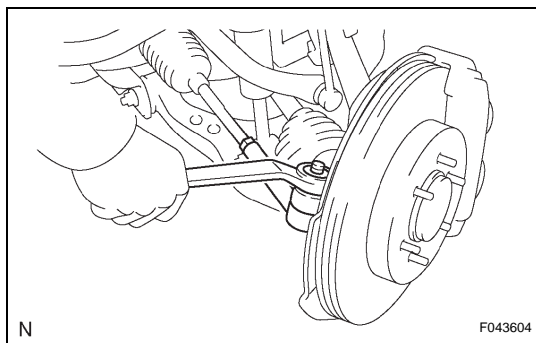
- (a) Install the tie rod end with the nut.

Torque: 91 N*m (928 kgf*cm, 67 ft.*lbf)

- (b) Install a new cotter pin.

NOTICE:

If the holes in the cotter pin are not aligned, tighten the nut an additional 60°.



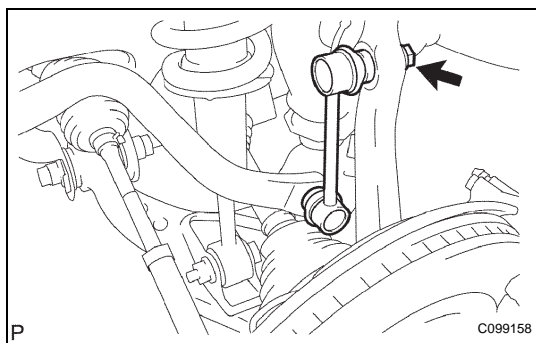
5. INSTALL FRONT STABILIZER LINK ASSEMBLY

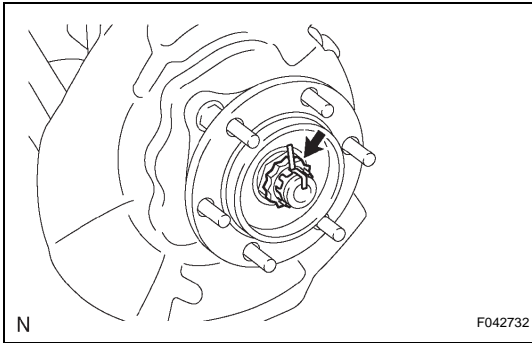
- (a) Install the stabilizer link onto the steering knuckle with the nut.

Torque: 70 N*m (714 kgf*cm, 52 ft.*lbf)

HINT:

If the ball joint turns together with the nut, use a hexagon (6 mm) wrench to hold the stud.





6. INSTALL FRONT AXLE HUB NUT (for 4WD)

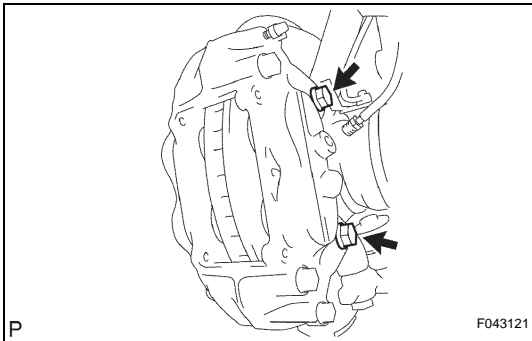
(a) Install the hub nut.

Torque: 235 N*m (2,396 kgf*cm, 173 ft.*lbf)

(b) Install the adjusting cap and cotter pin.

7. INSTALL FRONT AXLE HUB GREASE CAP (for 4WD)

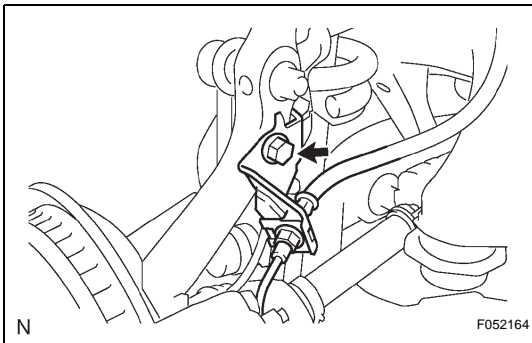
8. INSTALL FRONT DISC



9. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY

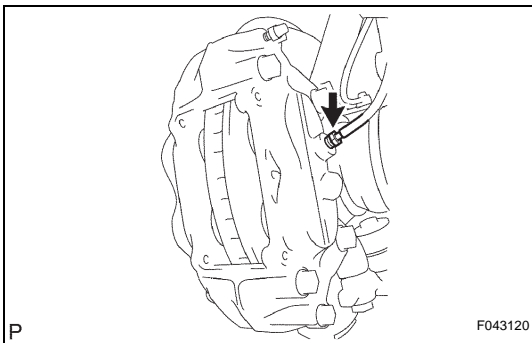
(a) Install the front disc brake caliper with the 2 bolts.

Torque: 123 N*m (1,254 kgf*cm, 91 ft.*lbf)



(b) Install the brake tube bracket onto the steering knuckle with the bolt.

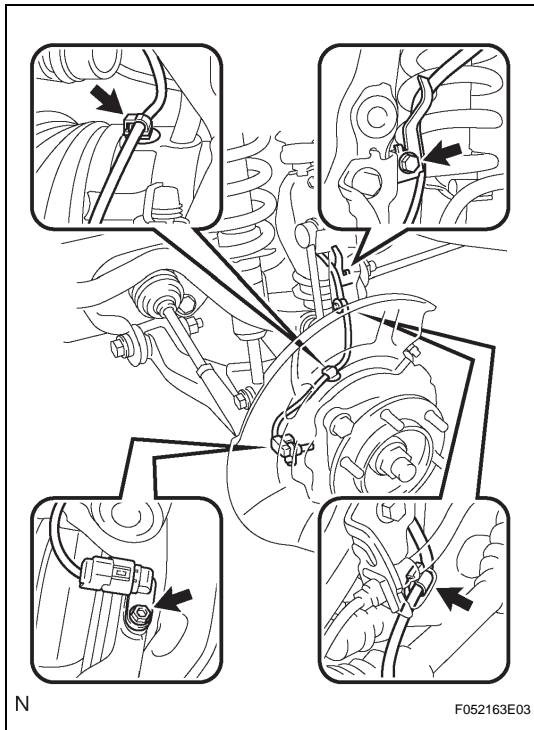
Torque: 29 N*m (296 kgf*cm, 21 ft.*lbf)



(c) Using SST, connect the brake tube to the disc brake cylinder.

SST 09023-00101

Torque: 15 N*m (155 kgf*cm, 11 ft.*lbf)

**10. INSTALL FRONT SPEED SENSOR**

- (a) Install the speed sensor wire harness onto the steering knuckle with the bolt.

Torque: 13 N*m (133 kgf*cm, 10 ft.*lbf)

- (b) Engage the 2 clips.

- (c) Install the speed sensor with the bolt.

Torque: 8.3 N*m (85 kgf*cm, 73 in.*lbf)

11. INSTALL FRONT WHEEL

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

12. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL

Torque: 3.9 N*m (40 kgf*cm, 35 in.*lbf)

(See page [IN-5](#))

13. FILL RESERVOIR WITH BRAKE FLUID (w/ VSC) (See page [BR-4](#))**14. FILL RESERVOIR WITH BRAKE FLUID (w/o VSC) (See page [BR-7](#))****15. BLEED MASTER CYLINDER (w/o VSC) (See page [BR-7](#))****16. BLEED BRAKE LINE (w/ VSC) (See page [BR-4](#))****17. BLEED BRAKE LINE (w/o VSC) (See page [BR-7](#))****18. CHECK FLUID LEVEL IN RESERVOIR (w/ VSC) (See page [BR-6](#))****19. CHECK FLUID LEVEL IN RESERVOIR (w/o VSC) (See page [BR-8](#))****20. CHECK FOR BRAKE FLUID LEAKAGE****21. CHECK VSC SENSOR SIGNAL (w/ VSC)**

(See page [BC-103](#))

22. CHECK ABS SENSOR SIGNAL (w/o VSC)

(See page [BC-7](#))

23. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT

(See page [SP-7](#))