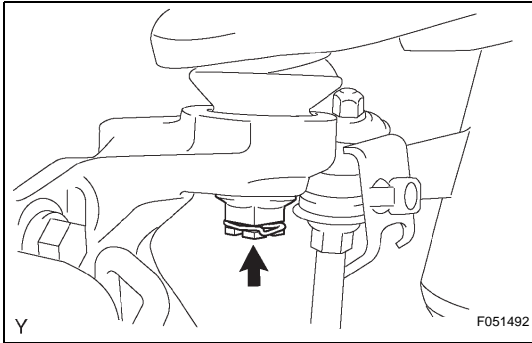


## INSTALLATION

### 1. INSTALL FRONT AXLE HUB

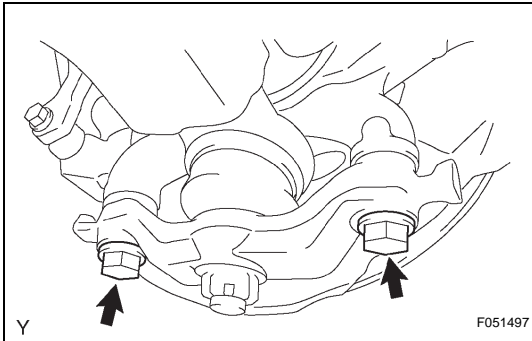


### 2. INSTALL FRONT SUSPENSION UPPER ARM

- (a) Install the upper arm with a new nut.  
**Torque: 110 N\*m (1,122 kgf\*cm, 81 ft.\*lbf)**
- (b) Install the clip.

**NOTICE:**

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



### 3. INSTALL FRONT SUSPENSION LOWER ARM

- (a) Install the front lower ball joint attachment LH 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 onto the steering knuckle arm.
- (b) Install the nut.  
**Torque: 49 N\*m (500 kgf\*cm, 36 ft.\*lbf)**
- (c) Install a new cotter pin.

**NOTICE:**

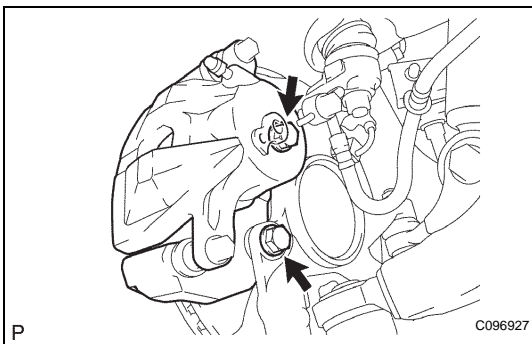
If the holes in the cotter pin are not aligned, tighten the nut an additional 60°.

AH

### 5. INSTALL FRONT DISC

### 6. INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY

- (a) Install the brake caliper with the 2 bolts.  
**Torque: 108 N\*m (1,101 kgf\*cm, 80 ft.\*lbf)**

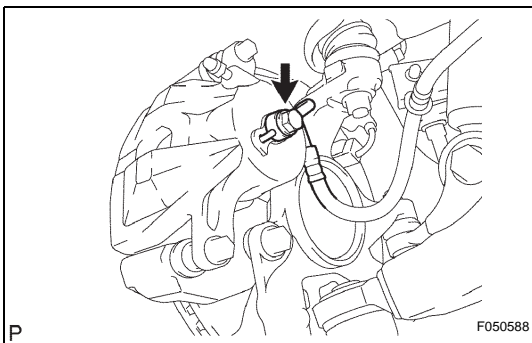


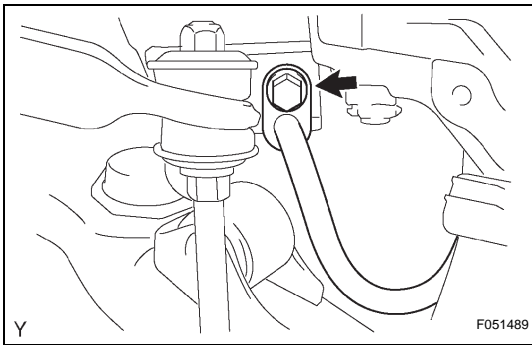
- (b) Install a new gasket and flexible hose with the union bolt.

**Torque: 30 N\*m (306 kgf\*cm, 22 ft.\*lbf)**

**HINT:**

Install the flexible hose lock securely into the lock hole in the disc brake cylinder.

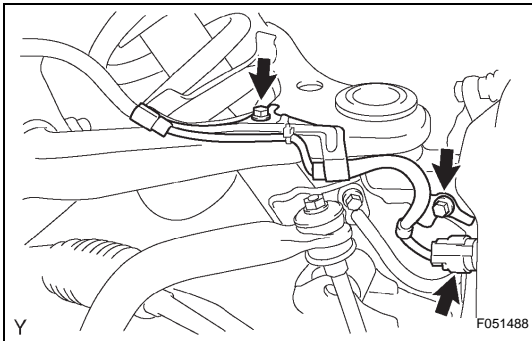


**7. INSTALL FRONT FLEXIBLE HOSE**

- (a) Install the front flexible hose with the bolt.  
**Torque: 32 N\*m (326 kgf\*cm, 24 ft.\*lbf)**

**8. INSTALL FRONT SPEED SENSOR**

- (a) Install the speed sensor front with the bolt.  
**Torque: 8.3 N\*m (85 kgf\*cm, 73 in.\*lbf)**  
**NOTICE:**  
**Make sure that the sensor tip is clean.**

**9. INSTALL SKID CONTROL SENSOR WIRE**

- (a) Install the skid control sensor wire with the 2 bolts.  
**Torque: 5.0 N\*m (51 kgf\*cm, 44 in.\*lbf)**  
 (b) Connect the speed sensor connector.

**10. INSTALL FRONT WHEEL**

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

**11. CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**

- Torque: 3.9 N\*m (40 kgf\*cm, 35 in.\*lbf)**  
 (See page [IN-5](#))

**12. FILL RESERVOIR WITH BRAKE FLUID (w/ VSC) (See page [BR-4](#))****13. FILL RESERVOIR WITH BRAKE FLUID (w/o VSC) (See page [BR-7](#))****14. BLEED MASTER CYLINDER (w/o VSC) (See page [BR-7](#))****15. BLEED BRAKE LINE (w/ VSC) (See page [BR-4](#))****16. BLEED BRAKE LINE (w/o VSC) (See page [BR-7](#))****17. CHECK FLUID LEVEL IN RESERVOIR (w/ VSC) (See page [BR-6](#))****18. CHECK FLUID LEVEL IN RESERVOIR (w/o VSC) (See page [BR-8](#))****19. CHECK FOR BRAKE FLUID LEAKAGE****20. CHECK VSC SENSOR SIGNAL (w/ VSC) (See page [BC-103](#))****21. CHECK ABS SENSOR SIGNAL (w/o VSC) (See page [BC-7](#))****22. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page [SP-2](#))**