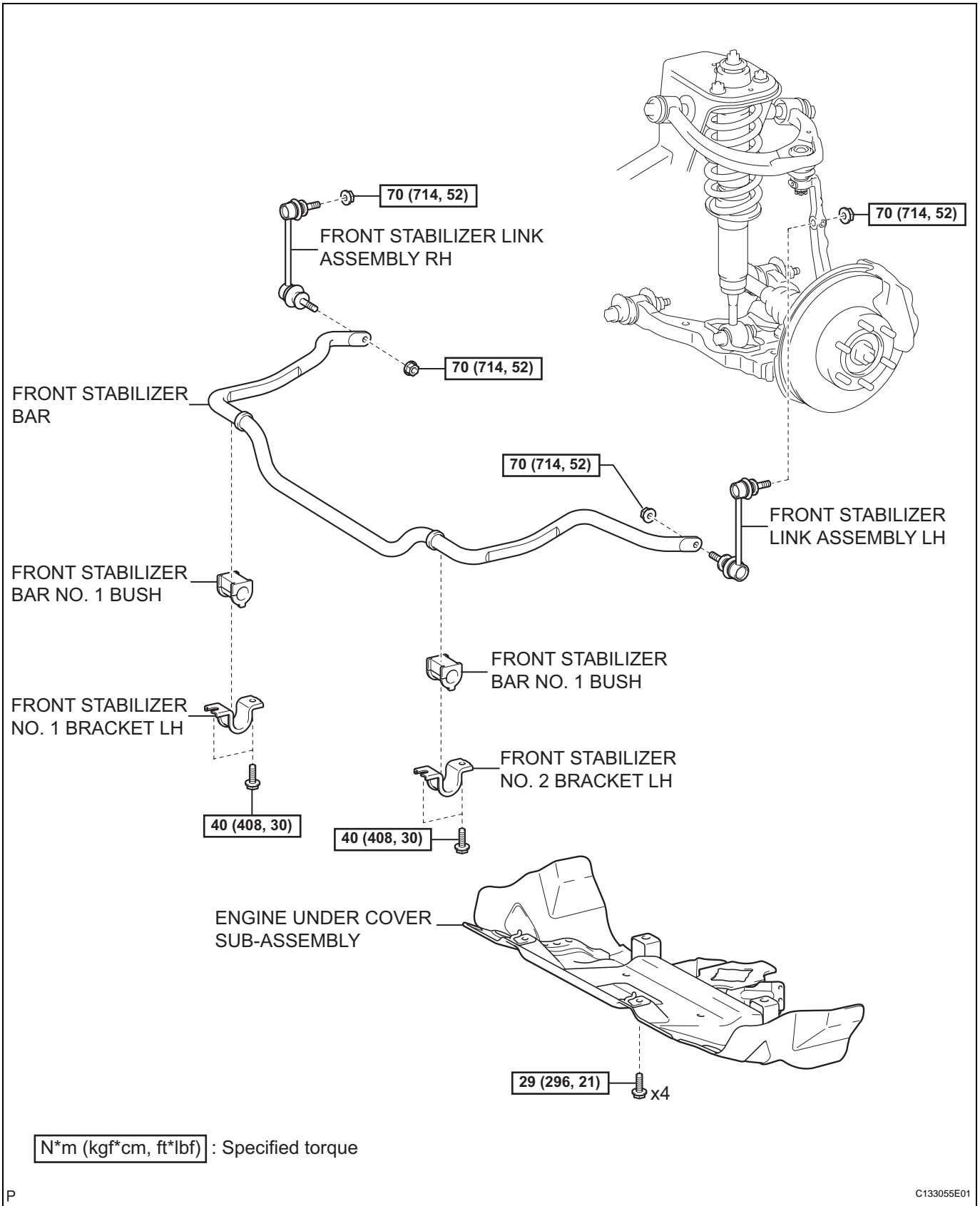


FRONT STABILIZER BAR

COMPONENTS

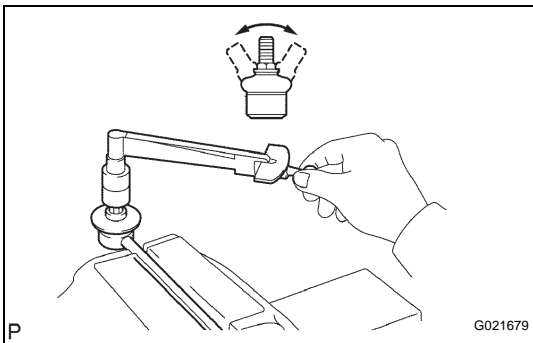
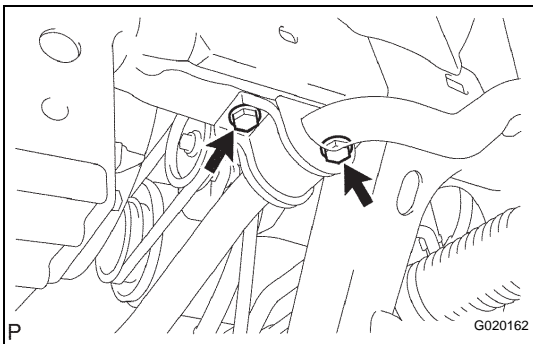
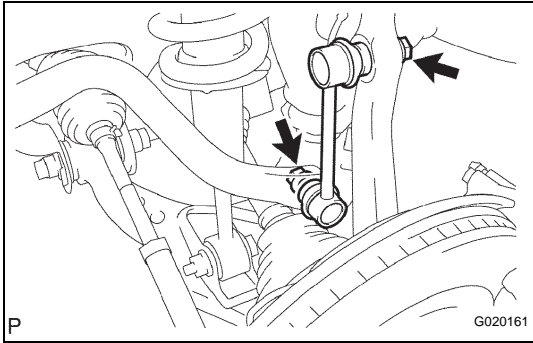


REMOVAL

1. REMOVE FRONT WHEELS
2. REMOVE ENGINE UNDER COVER SUB-ASSEMBLY
3. REMOVE FRONT STABILIZER LINK ASSEMBLY LH
 - (a) Remove the 2 nuts and stabilizer link.

HINT:
If the ball joint turns together with the nut, use a 6 mm hexagon wrench to hold the stud.
4. REMOVE FRONT STABILIZER LINK ASSEMBLY RH

HINT:
The removal procedure for the RH side is the same as that for the LH side.
5. REMOVE FRONT STABILIZER BAR
 - (a) Remove the 4 bolts and 2 stabilizer brackets and remove the stabilizer bar.
6. REMOVE FRONT STABILIZER BAR NO. 1 BUSH
 - (a) Remove the 2 stabilizer bar bushes from the stabilizer bar.



INSPECTION

1. INSPECT FRONT STABILIZER LINK ASSEMBLY
 - (a) Flip the ball joint stud back and forth 5 times, as shown in the illustration, before installing the nut.
 - (b) Using a torque wrench, turn the nut continuously at a rate of 2 to 4 seconds per turn and take the torque reading on the 5th turn.

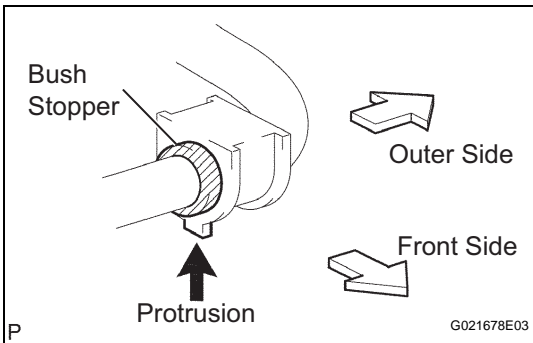
Torque: 0.05 to 1.96 N*m (0.5 to 20.0 kgf*cm, 0.4 to 17.3 in.*lbf)
 - (c) Check for any cracks and grease leakage on the ball joint dust cover.

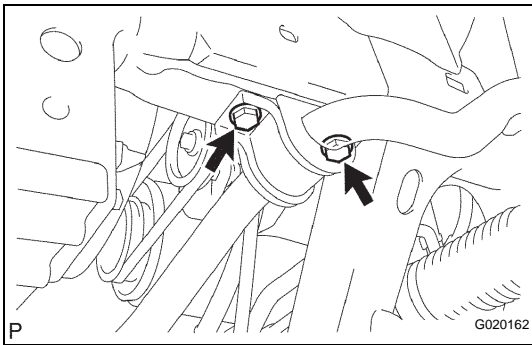
INSTALLATION

1. INSTALL FRONT STABILIZER BAR NO. 1 BUSH
 - (a) Install the 2 stabilizer bar bushes onto the stabilizer bar.

HINT:

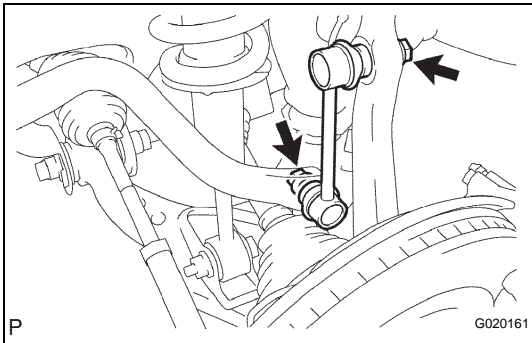
 - Install the bush onto the outer side of the bush stopper on the stabilizer bar.
 - Install the bush so that the protrusion faces inner side of the vehicle.



**2. INSTALL FRONT STABILIZER BAR**

- (a) Install the stabilizer bar and 2 stabilizer brackets with the 4 bolts.

Torque: 40 N*m (408 kgf*cm, 30 ft.*lbf)

**3. INSTALL FRONT STABILIZER LINK ASSEMBLY LH**

- (a) Install the stabilizer link with the 2 nuts.

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

HINT:

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

4. INSTALL FRONT STABILIZER LINK ASSEMBLY RH

HINT:

The installation procedure for the RH side is the same as that for the LH side.

5. INSTALL ENGINE UNDER COVER SUB-ASSEMBLY

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

6. INSTALL FRONT WHEELS

Torque: 112 N*m (1,137 kgf*cm, 82 ft.*lbf)