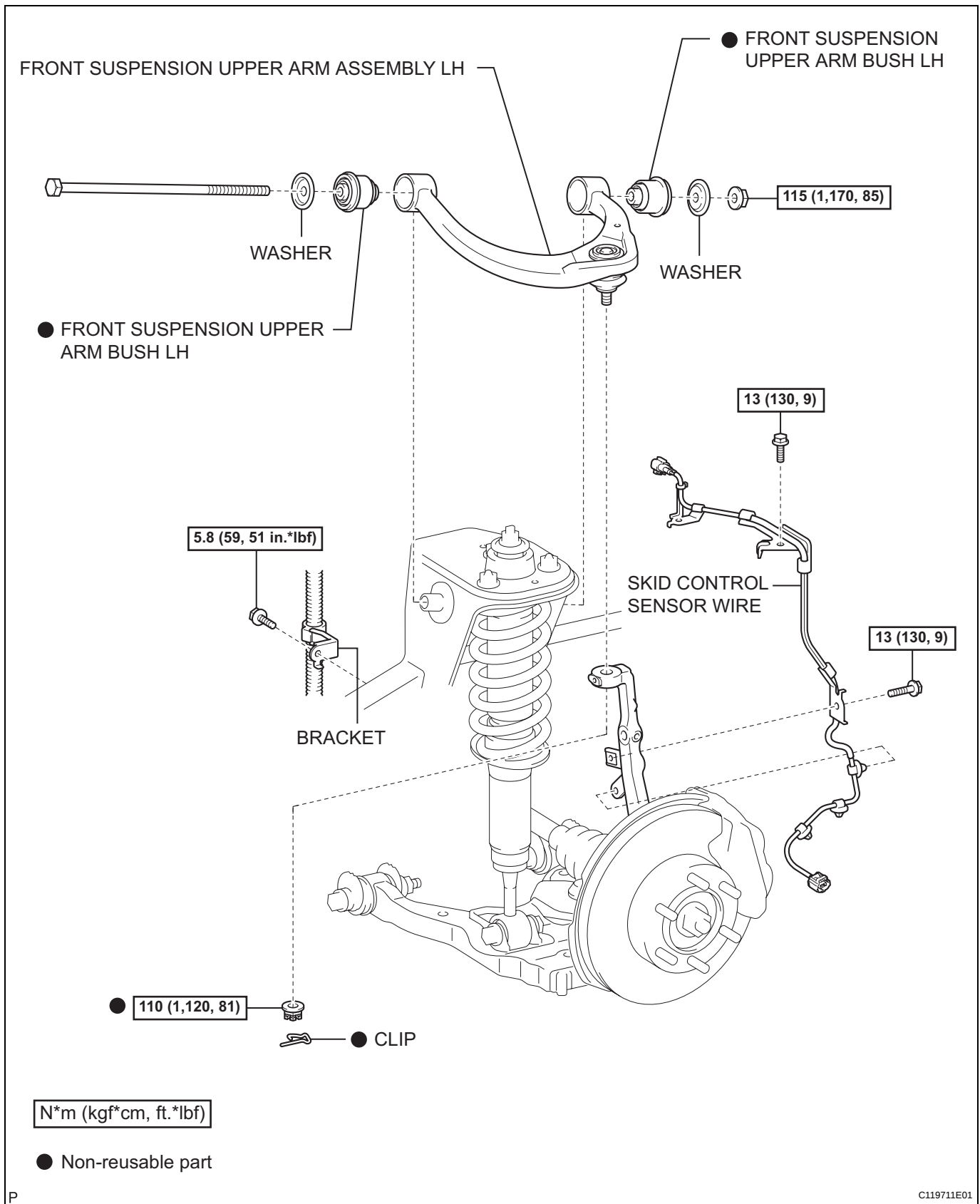


FRONT UPPER SUSPENSION ARM

COMPONENTS



REMOVAL

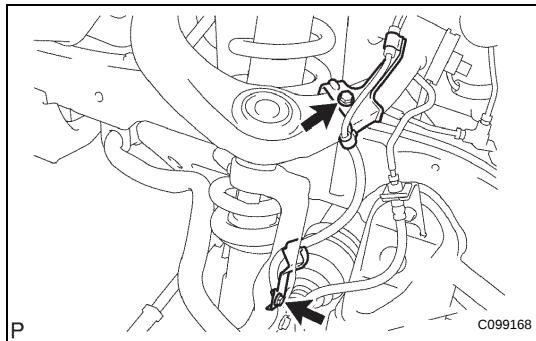
1. REMOVE FRONT DISC WHEEL

2. INSPECT FRONT SUSPENSION UPPER ARM ASSEMBLY LH

- (a) Check that there is no looseness on the ball joint by shaking the upper arm up and down by hand.

3. REMOVE SKID CONTROL SENSOR WIRE

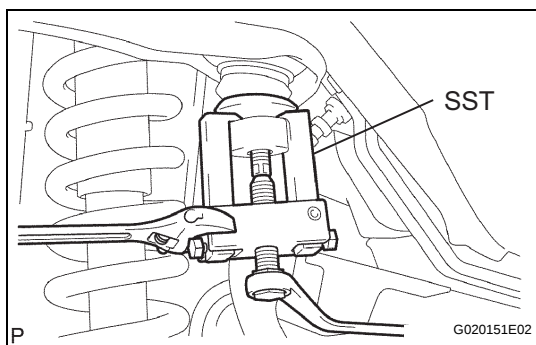
- (a) Remove the 2 bolts, and disconnect the skid control sensor wire.



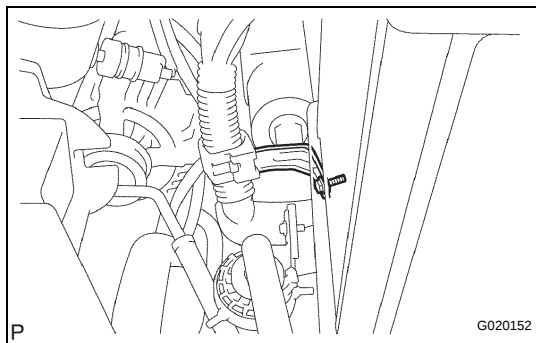
4. REMOVE FRONT SUSPENSION UPPER ARM ASSEMBLY LH

- (a) Support the front suspension lower arm LH with a jack.
 (b) Remove the clip and the nut.
 (c) Using SST, disconnect the upper ball joint from the steering knuckle.

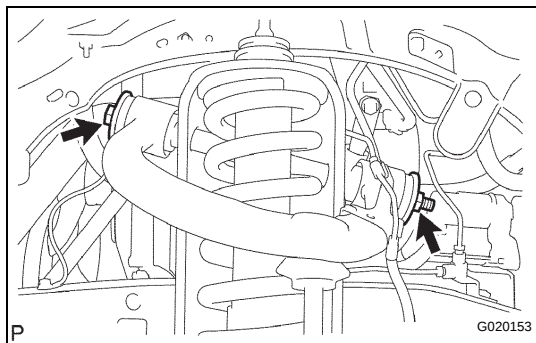
SST 09628-62011

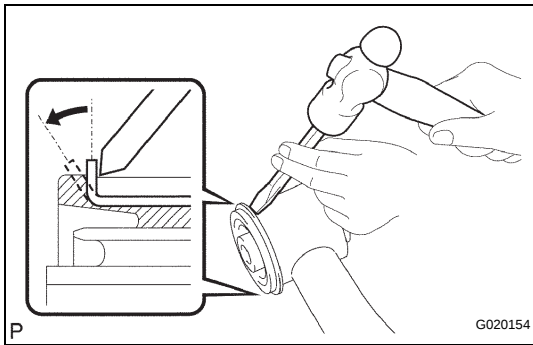


- (d) Remove the bolt and the bracket.



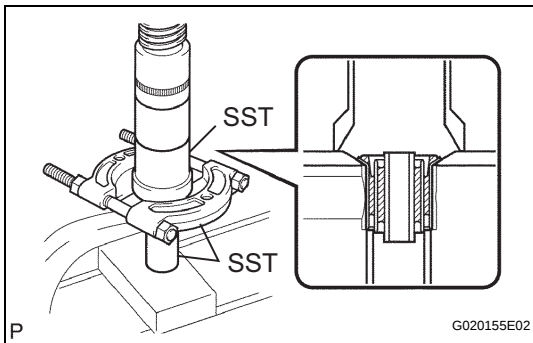
- (e) Remove the bolt, the 2 washers and the nut.
 (f) Remove the front suspension upper arm assembly.





5. REMOVE FRONT SUSPENSION UPPER ARM BUSH LH

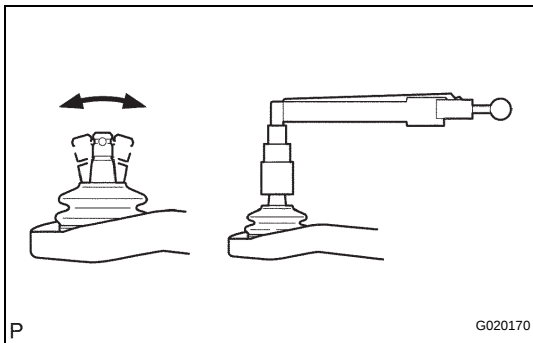
- (a) Using a hammer and chisel, raise the flange of the bushing diagonally as shown in the illustration.



- (b) Using SST and a press remove the front suspension upper arm bush LH (front side).

SST 09613-26010, 09710-22021 (09710-01031), 09950-00020

- (c) Replace the rear side by the same procedures with the front side.



INSPECTION

1. INSPECT FRONT SUSPENSION UPPER ARM ASSEMBLY LH

- (a) As shown in the illustration, flip the ball joint stud back and forth 5 times, before installing the nut.
- (b) Using a torque wrench, turn the nut continuously at a rate of 3 to 5 seconds per 1 turn and take the torque reading on the 5th turn.

Torque: Turning torque

4.5 N*m (46 kgf*cm, 40 in.*lbf) or less

- (c) Check for any cracks and grease leaks on the ball joint dust cover.

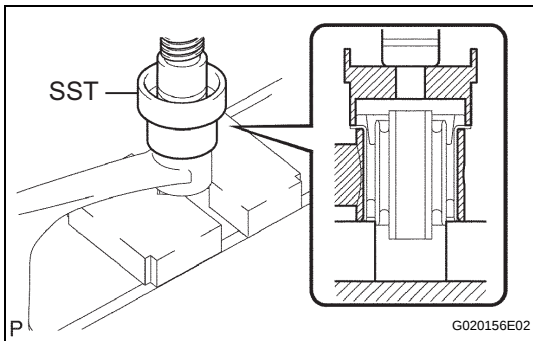
INSTALLATION

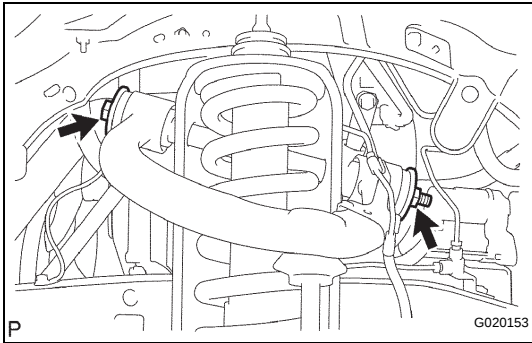
1. INSTALL FRONT SUSPENSION UPPER ARM BUSH LH

- (a) Using SST and a press, install a new front suspension upper arm bush LH (front side).

SST 09710-26010 (09710-05061)

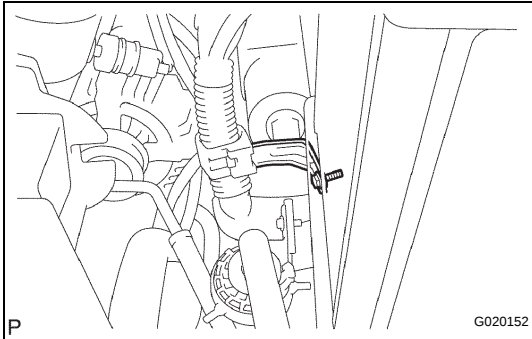
- (b) Install the rear side by the same procedures with the front side.



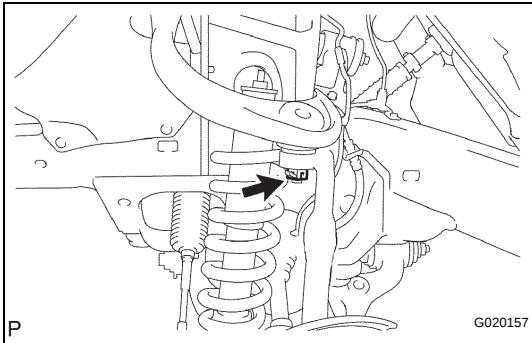


2. TEMPORARILY TIGHTEN FRONT SUSPENSION UPPER ARM ASSEMBLY LH

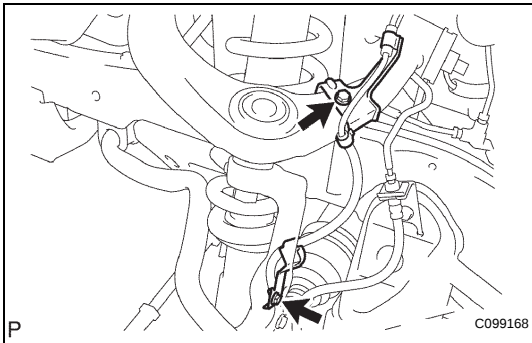
- (a) Install the front suspension upper arm assembly, and temporarily tighten bolt, the 2 washers and the nut.



- (b) Install the bracket with the bolt.
Torque: 5.8 N*m (59 kgf*cm, 51 in.*lbf)



- (c) Install a new nut and a new clip.
Torque: 110 N*m (1,120 kgf*cm, 81 ft.*lbf)



3. CONNECT SKID CONTROL SENSOR WIRE

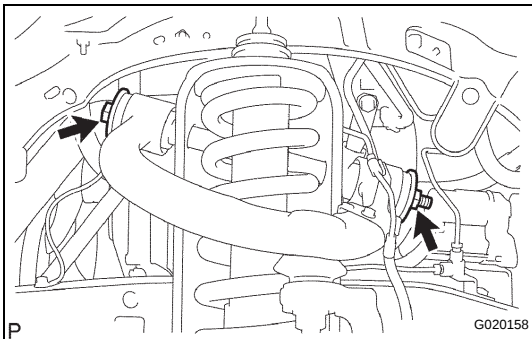
- (a) Install the connect skid control sensor wire with the 2 bolts.

Torque: 13 N*m (130 kgf*cm, 9 ft.*lbf)

4. INSTALL FRONT DISC WHEEL

Torque: 112 N*m (1,140 kgf*cm, 83 ft.*lbf)

5. STABILIZE SUSPENSION (See page [SP-15](#))



6. FULLY TIGHTEN FRONT SUSPENSION UPPER ARM ASSEMBLY LH

- (a) Fully tighten the nut.

Torque: 115 N*m (1,170 kgf*cm, 85 ft.*lbf)

7. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT

HINT:

(See page [SP-4](#))