FRONT SUSPENSION UPPER ARM ASSY LH

OVERHAUL

260BK–01

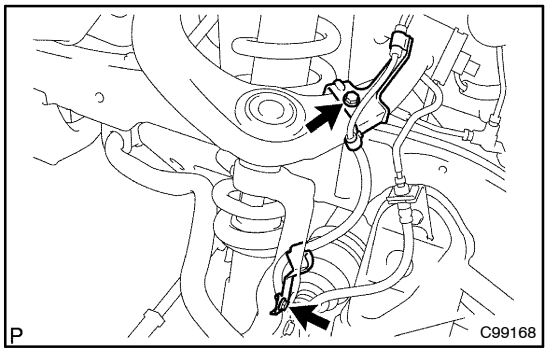
HINT:

COMPONENTS: See page 26–2

1. REMOVE FRONT DISC WHEEL

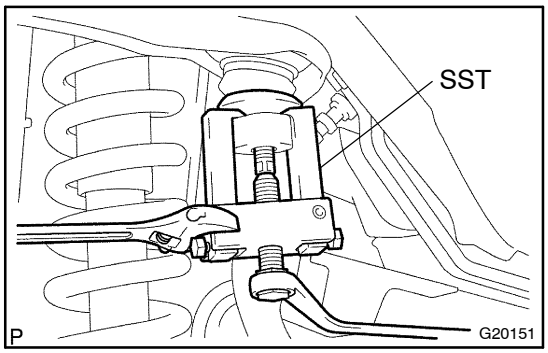
2. INSPECT FRONT SUSPENSION UPPER ARM ASSY LH

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



3. DISCONNECT SKID CONTROL SENSOR WIRE

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



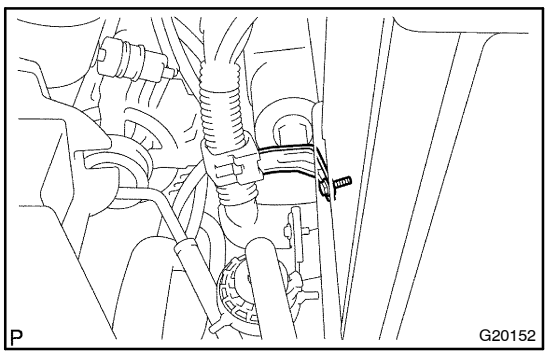
4. REMOVE FRONT SUSPENSION UPPER ARM ASSY LH

(a) Support the front suspension lower arm LH with a jack.

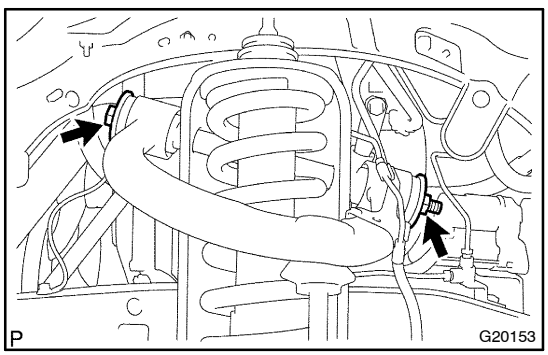
(b) Remove the clip and the nut.

(c) Using SST, disconnect the upper ball joint from the steering knuckle.

SST 09628–62011

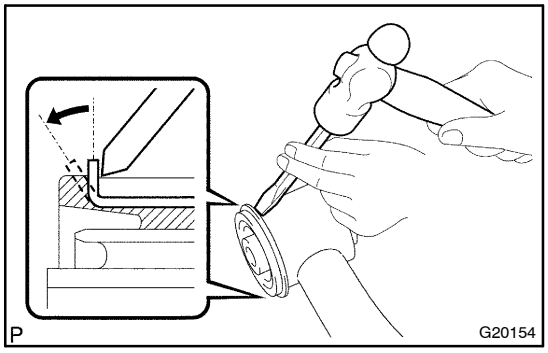


(d) Remove the bolt and the bracket.



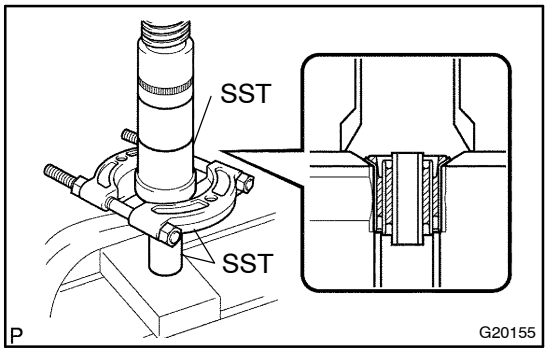
(e) Remove the bolt, the 2 washers and the nut.

(f) Remove the front suspension upper arm assy.



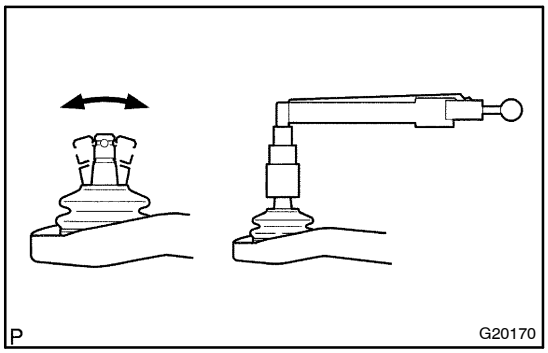
5. REMOVE FRONT SUSPENSION UPPER ARM BUSH LH

(a) Using a hammer and a 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.

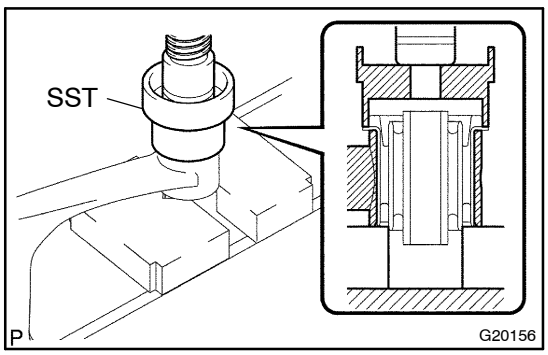


6. INSPECT FRONT SUSPENSION UPPER ARM ASSY LH

(a) As shown in the illustration, flip the ball joint stud back and forth 5 times before installing the nut.

(b) Using a troque wrench, turn the nut continuously at a rate of 3 – 5 seconds per 1 turn, and take the torque reading on the 5th turn.
Turning torque: 4.5 N·m (46 kgf·cm, 40 in.·lbf) or less

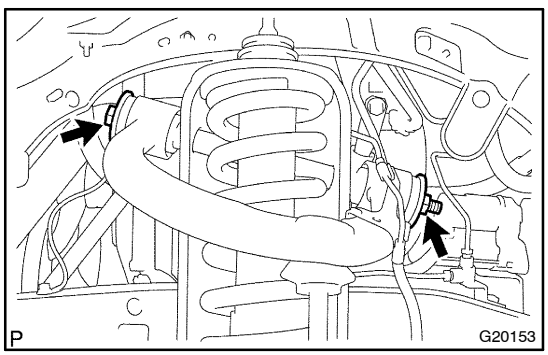
(c) Check for any cracks and grease leaks on the ball joint dust cover.



7. INSTALL FRONT SUSPENSION UPPER ARM BUSH LH

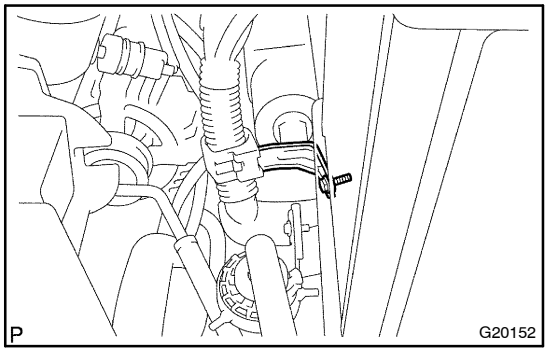
(a) Using SST and a press, install a new front suspension upper arm bush LH (front side).
SST 09710–26010 (09710–05061)

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

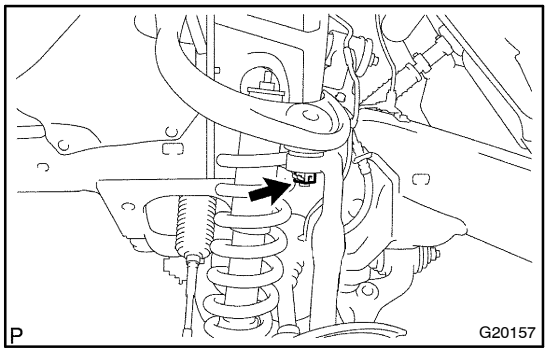


8. TEMPORARILY TIGHTEN FRONT SUSPENSION UPPER ARM ASSY LH

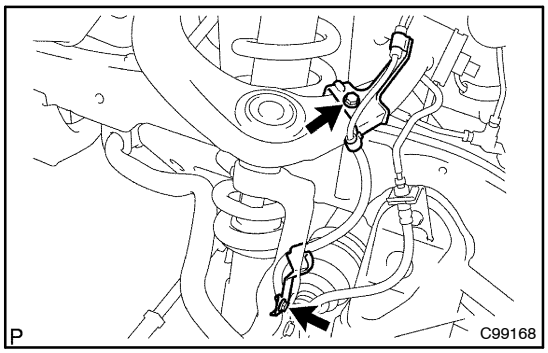
(a) Install the front suspension upper arm assy, and temporarily tighten bolt, the 2 washers and the nut.



(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)

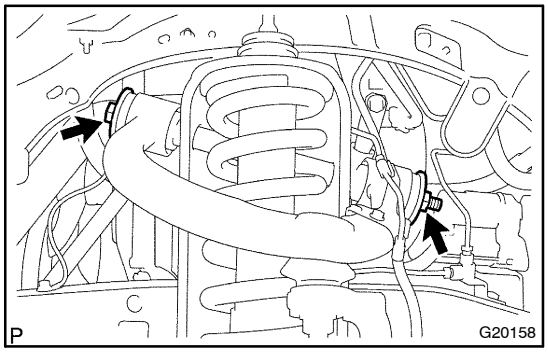


9. CONNECT SKID CONTROL SENSOR WIRE

(a) Install the connect skid control sensor wire with the 2 bolts.
Torque: 13 N·m (127 kgf·cm, 9 ft·lbf)

10. INSTALL FRONT DISC WHEEL
Torque: 112 N·m (1,140 kgf·cm, 83 ft·lbf)

11. STABILIZE SUSPENSION (See page 26–12)



12. FULLY TIGHTEN FRONT SUSPENSION UPPER ARM ASSY LH

(a) Fully tighten the nut.
Torque: 115 N·m (1,170 kgf·cm, 85 ft·lbf)

13. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page 26–6)