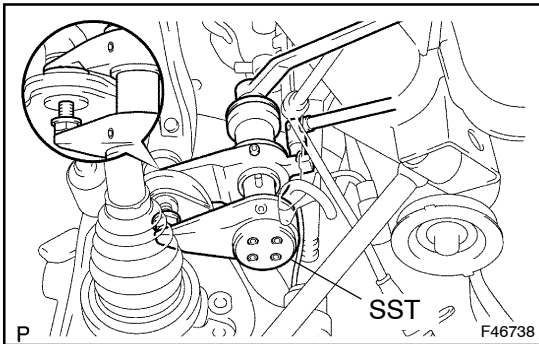


UPPER CONTROL ARM ASSY REAR LH REPLACEMENT

270HM-01

HINT:

- Use the same procedures for the RH side and LH side.
 - The procedures listed below are for the LH side.
1. **REMOVE REAR WHEEL**
 2. **REMOVE PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY (AIR SUSPENSION) (SEE PAGE 27-10)**
 3. **REMOVE REAR SHOCK ABSORBER WITH COIL SPRING (SEE PAGE 27-15)**



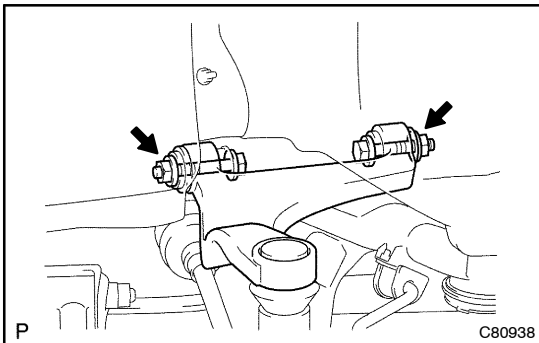
4. SEPARATE REAR AXLE CARRIER SUB-ASSY LH (AIR SUSPENSION)

- (a) Loosen the upper control arm assy rear LH lock nut.

NOTICE:

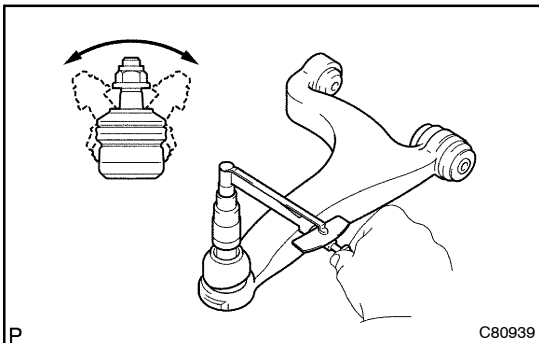
Do not remove the nut.

- (b) Using SST, separate the rear axle carrier sub-assy LH from the upper control arm assy rear LH.
SST 09628-00011
- (c) Remove the lock nut.



5. REMOVE UPPER CONTROL ARM ASSY REAR LH

- (a) Remove the 2 bolts, 2 nuts and upper control arm assy rear LH.



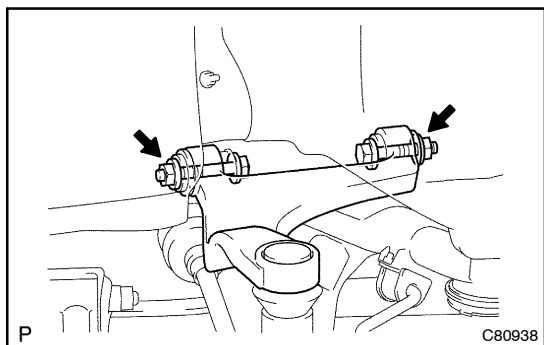
6. INSPECT UPPER CONTROL ARM ASSY REAR LH

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

Turning torque:

1.0 to 3.4 N·m (10 to 35 kgf·cm, 9 to 30 in.·lbf)

If there is any abnormality, replace the upper control arm assy rear LH with a new one.

**7. INSTALL UPPER CONTROL ARM ASSY REAR LH**

- (a) Install the upper control arm assy rear LH with the 2 bolts and 2 nuts.

Torque: 90 N·m (920 kgf·cm, 67 ft·lbf)

NOTICE:

Jack up the rear axle, placing a wood block to avoid damage. Apply load to the suspension so that the rear suspension arm No.2 is horizontally positioned.

8. INSTALL REAR AXLE CARRIER SUB-ASSY LH

- (a) Install the rear axle carrier sub-assy LH to the upper control arm assy rear LH with a new lock nut.

Torque: 70 N·m (720 kgf·cm, 52 ft·lbf)

9. INSTALL PNEUMATIC REAR LH W/SHOCK ABSORBER CYLINDER ASSY (AIR SUSPENSION) (SEE PAGE 27-10)**10. INSTALL REAR SHOCK ABSORBER WITH COIL SPRING (COIL SUSPENSION) (SEE PAGE 27-15)****11. INSTALL REAR WHEEL**

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

12. ADJUST VEHICLE HEIGHT (AIR SUSPENSION) (SEE PAGE 25-4)**13. ADJUST REAR WHEEL ALIGNMENT (SEE PAGE 27-8)**