

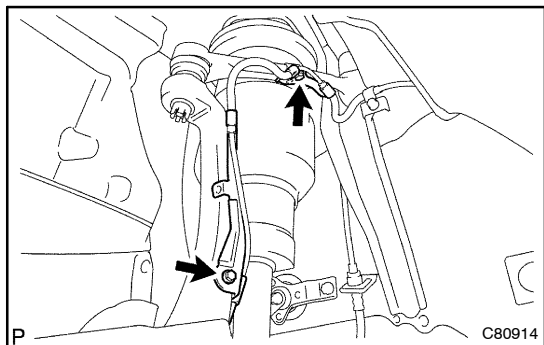
# FRONT SUSPENSION UPPER ARM ASSY LH REPLACEMENT

260HX-01

## HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

### 1. REMOVE FRONT WHEELS

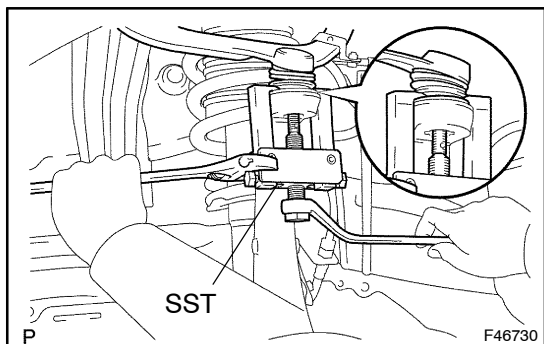


### 2. SEPARATE SKID CONTROL SENSOR WIRE

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

### 3. REMOVE PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY (AIR SUSPENSION) (SEE PAGE 26-12)

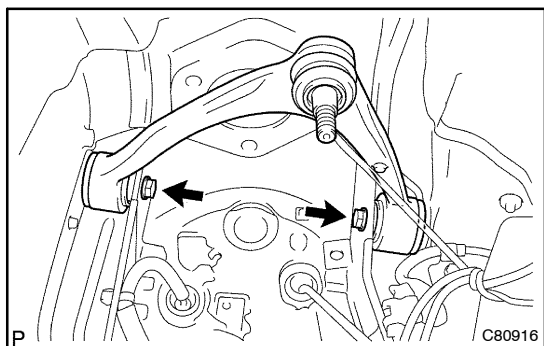
### 4. REMOVE FRONT SHOCK ABSORBER WITH COIL SPRING (COIL SPRING) (SEE PAGE 26-18)



### 5. SEPARATE STEERING KNUCKLE LH

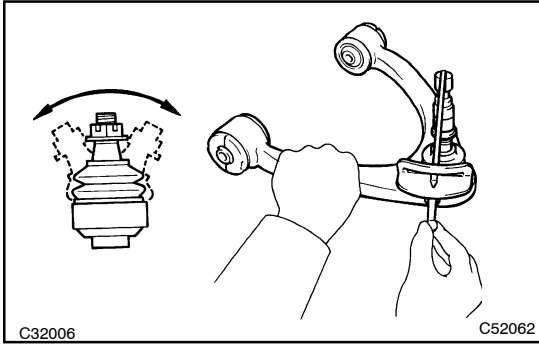
- (a) Remove the clip and castle nut.  
(b) Using SST, separate the upper ball joint from the steering knuckle LH.

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### 6. REMOVE FRONT SUSPENSION UPPER ARM ASSY LH

- (a) Remove the 2 bolts and front suspension upper arm assy LH.



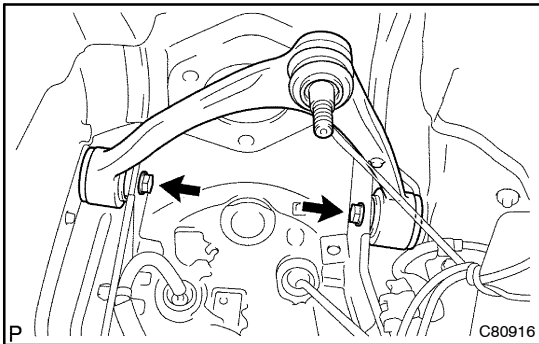
## 7. INSPECT FRONT SUSPENSION UPPER ARM ASSY LH

- As shown in the illustration, flip the ball joint stud back and forth 5 times before installing the nut.
- Using a torque wrench, turn the nut continuously at a rate of 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 front suspension upper arm Assy LH with a new one.



## 8. INSTALL FRONT SUSPENSION UPPER ARM ASSY LH

- Install the front suspension upper arm Assy LH with the 2 bolts.

**Torque: 53 N·m (540 kgf·cm, 39 in. lbf)**

## 9. INSTALL STEERING KNUCKLE LH

- Install the steering knuckle LH to the upper arm Assy with the castle nut.

**Torque: 87 N·m (885 kgf·cm, 64 in. lbf)**

- Install a new clip on the steering knuckle.

### NOTICE:

If the holes for the clip are not aligned, tighten the nut up to 60° further.

## 10. INSTALL PNEUMATIC FRONT LH W/SHOCK ABSORBER CYLINDER ASSY (AIR SUSPENSION) (SEE PAGE 26-12)

## 11. INSTALL FRONT SHOCK ABSORBER WITH COIL SPRING (COIL SPRING) (SEE PAGE 26-18)

## 12. INSTALL SKID CONTROL SENSOR WIRE

## 13. INSTALL FRONT WHEELS

**Torque: 103 N·m (1,050 kgf·cm, 76 in. lbf)**

## 14. ADJUST VEHICLE HEIGHT (SEE PAGE 25-4)

## 15. ADJUST FRONT WHEEL ALIGNMENT (SEE PAGE 26-8)