

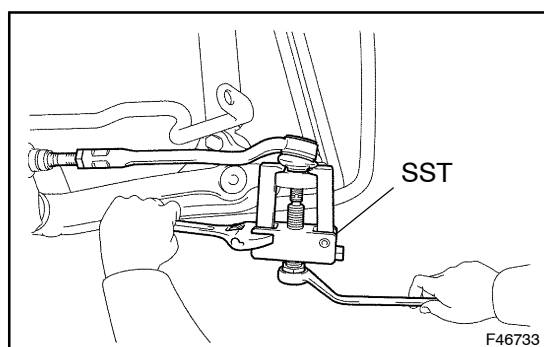
# LOWER BALL JOINT ASSY FRONT LH

## REPLACEMENT

260HZ-01

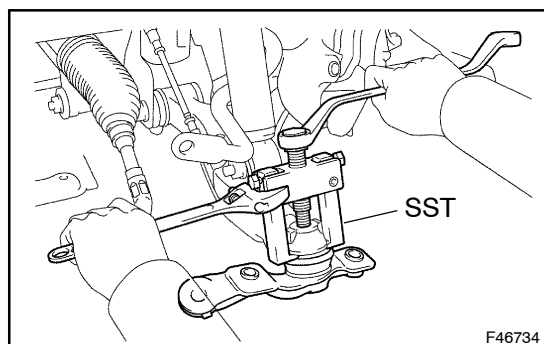
### HINT:

- 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 FRONT STABILIZER LINK ASSY LH (SEE PAGE 26-31)
  3. SEPARATE SKID CONTROL SENSOR WIRE (SEE PAGE 32-61)
  4. REMOVE DISC BRAKE CYLINDER ASSY LH (SEE PAGE 32-39)
  5. REMOVE FRONT DISC (SEE PAGE 32-39)
  6. REMOVE FRONT AXLE HUB SUB-ASSY LH (SEE PAGE 30-19)
  7. REMOVE STEERING KNUCKLE LH (SEE PAGE 30-21)



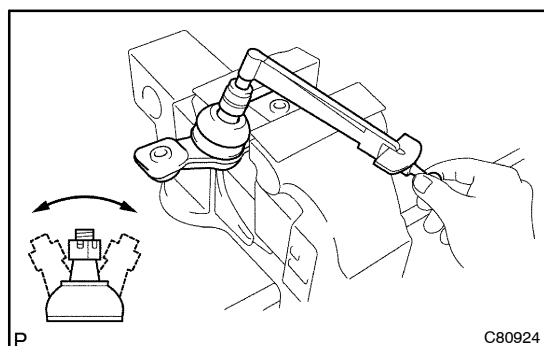
### 8. SEPARATE TIE ROD ASSY LH

- (a) Remove the clip and castle nut.
- (b) Using SST, separate the tie rod end.  
SST 09628-62011



### 9. REMOVE LOWER BALL JOINT ASSY FRONT LH

- (a) Remove the cotter pin and castle nut.
- (b) Using SST, remove the front lower ball joint assy LH.  
SST 09628-62011



### 10. INSPECT LOWER BALL JOINT ASSY FRONT 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 turn and take the torque reading on the 5th turn.

**Turning torque: 0.5 to 3.5 N·m (5 to 36 kgf·cm, 4.5 to 31 in·lbf)**

If there is any abnormality, replace the lower ball joint assy front LH with a new one.

**11. INSTALL LOWER BALL JOINT ASSY FRONT LH**

- (a) Install the lower ball joint Assy front LH to the lower suspension arm Assy with the castle nut.

**Torque: 162 N·m (1,645 kgf·cm, 119 ft·lbf)**

- (b) Install a new clip to the front suspension lower arm Assy.

**NOTICE:**

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

**12. INSTALL TIE ROD ASSY LH**

- (a) Install the tie rod end to the lower ball joint Assy front LH with the castle nut.

**Torque: 59 N·m (600 kgf·cm, 43 ft·lbf)**

- (b) Install a new clip to the lower ball joint Assy front LH.

**NOTICE:**

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

**13. INSTALL STEERING KNUCKLE LH (SEE PAGE 30-21)****14. INSTALL FRONT AXLE HUB SUB-ASSY LH (SEE PAGE 30-19)****15. INSTALL FRONT DISC (SEE PAGE 32-39)****16. INSTALL DISC BRAKE CYLINDER ASSY LH (SEE PAGE 32-39)****17. INSTALL SKID CONTROL SENSOR WIRE (SEE PAGE 32-61)****18. INSTALL FRONT STABILIZER LINK ASSY LH (SEE PAGE 26-31)****19. INSTALL FRONT WHEELS**

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

**20. CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE 05-389)**