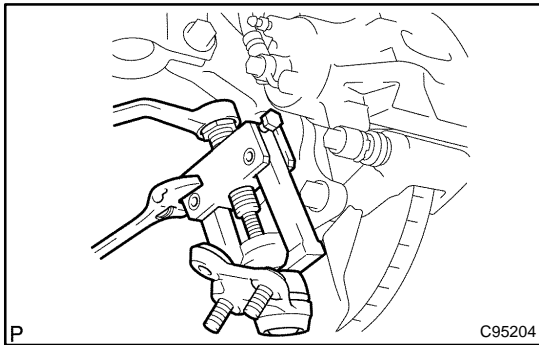


LOWER BALL JOINT ASSY FRONT LH REPLACEMENT

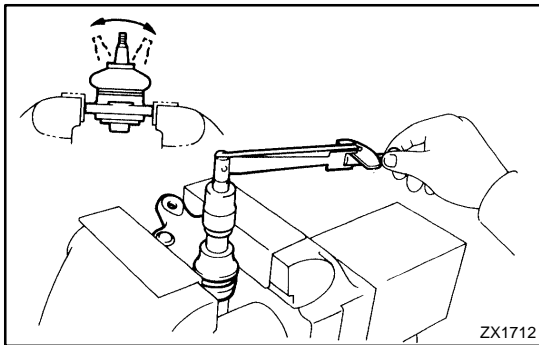
260HB-02

HINT:

- COMPONENTS: See page 26-3 .
 - Use the same procedures for the RH side and LH side.
 - The procedures listed below are for the LH side.
1. **REMOVE FRONT WHEEL**
 2. **REMOVE FRONT AXLE HUB LH NUT (SEE PAGE 30-21)**
SST 09930-00010
 3. **SEPARATE SPEED SENSOR FRONT LH (SEE PAGE 30-21)**
 4. **SEPARATE FRONT DISC BRAKE CALIPER ASSY LH (SEE PAGE 30-38)**
 5. **REMOVE FRONT DISC**
 6. **SEPARATE TIE ROD END SUB-ASSY LH (SEE PAGE 30-21)**
SST 09628-6201 1
 7. **SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (SEE PAGE 30-21)**
 8. **REMOVE FRONT AXLE ASSY LH (SEE PAGE 30-38)**



9. **REMOVE LOWER BALL JOINT ASSY FRONT LH**
 - (a) Remove the cotter pin and castle nut.
 - (b) Using SST, remove the lower ball joint assy front LH.
SST 09628-6201 1



10. **INSPECT LOWER BALL JOINT ASSY FRONT LH**
 - (a) As shown in the illustration, flip the ball joint stud back and forth 5 times.
 - (b) Using a torque wrench and nut, turn the ball joint continuously at a rate of 3 to 5 seconds per turn and take the torque reading on the 5th turn.

Turning torque:

0.98 to 3.43 N·m (10 to 35 kgf·cm, 8.7 to 30 in.-lbf)

If the value is not within the specification, 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 steering knuckle with the castle nut.
Torque: 123 N·m (1,250 kgf·cm, 91 ft-lbf)

NOTICE:

Prevent oil from adhering to the screw and tapered parts.

- (b) Install a new cotter pin to the steering knuckle.

NOTICE:

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

12. INSTALL FRONT AXLE ASSY LH (SEE PAGE 30-38)

13. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (SEE PAGE 30-21)

14. INSTALL TIE ROD END SUB-ASSY LH (SEE PAGE [30-21](#))
15. INSTALL FRONT DISC
16. INSTALL FRONT DISC BRAKE CALIPER ASSY LH (SEE PAGE [30-38](#))
17. INSTALL SPEED SENSOR FRONT LH (SEE PAGE [30-21](#))
18. INSTALL FRONT AXLE HUB LH NUT (SEE PAGE [30-21](#))
19. INSTALL FRONT WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
20. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (SEE PAGE [26-7](#))
21. CHECK ABS SPEED SENSOR SIGNAL (SEE PAGE [05-765](#))