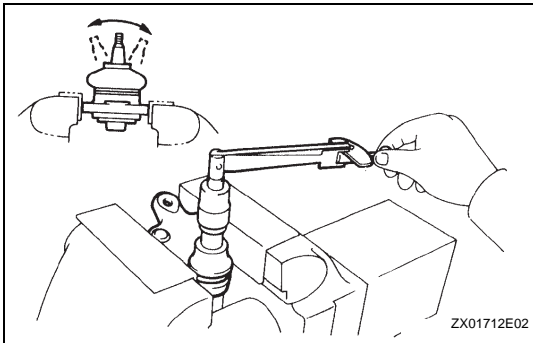
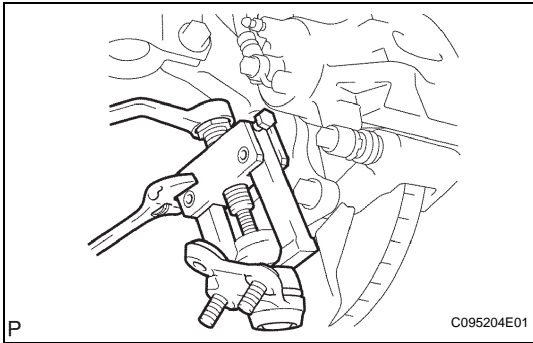


REMOVAL

1. REMOVE FRONT WHEEL
2. REMOVE FRONT AXLE HUB LH NUT
SST 09930-00010
3. SEPARATE SPEED SENSOR FRONT LH (See page [DS-5](#))
4. SEPARATE FRONT DISC BRAKE CALIPER ASSEMBLY LH (See page [AH-5](#))
5. REMOVE FRONT DISC
6. SEPARATE TIE ROD END SUB-ASSEMBLY LH
SST 09628-62011
7. SEPARATE FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER NO.1 LH (See page [DS-6](#))
8. REMOVE FRONT AXLE ASSEMBLY LH (See page [DS-6](#))
9. REMOVE LOWER BALL JOINT ASSEMBLY FRONT LH
 - (a) Remove the cotter pin and castle nut.
 - (b) Using SST, remove the lower ball joint assembly front LH.
SST 09628-62011



INSPECTION

1. INSPECT LOWER BALL JOINT ASSEMBLY 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:
0.98 to 3.43 N*m (10 to 35 kgf*cm, 8.7 to 30 in.*lbf)

INSTALLATION

1. **INSTALL LOWER BALL JOINT ASSEMBLY FRONT LH**
 - (a) Install the lower ball joint assembly front LH to the steering knuckle with the 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 further up to 60°.
2. **INSTALL FRONT AXLE ASSEMBLY LH (See page [DS-16](#))**
3. **INSTALL FRONT SUSPENSION ARM SUB-ASSEMBLY LOWER NO. 1 LH (See page [SP-21](#))**
4. **INSTALL TIE ROD END SUB-ASSEMBLY LH (See page [DS-16](#))**
5. **INSTALL FRONT DISC**
6. **INSTALL FRONT DISC BRAKE CALIPER ASSEMBLY LH (See page [AH-9](#))**
7. **INSTALL SPEED SENSOR FRONT LH (See page [DS-17](#))**
8. **INSTALL FRONT AXLE HUB LH NUT (See page [DS-17](#))**
9. **INSTALL FRONT WHEEL**
Torque: 103 N*m (1,050 kgf*cm, 76 ft.*lbf)
10. **INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page [SP-2](#))**
11. **CHECK ABS SPEED SENSOR SIGNAL**