

## INSTALLATION

### 1. INSTALL LSP & BV ASSEMBLY TO FRAME

- (a) 2WD:  
Install the 3 valve bracket mounting bolts and spacer with the LSP & BV assembly.
- (b) 4WD and Pre runner:  
Install the 3 valve bracket mounting bolts, spacer and flexible hose bracket mounting bolt with the LSP & BV assembly and flexible hose bracket.

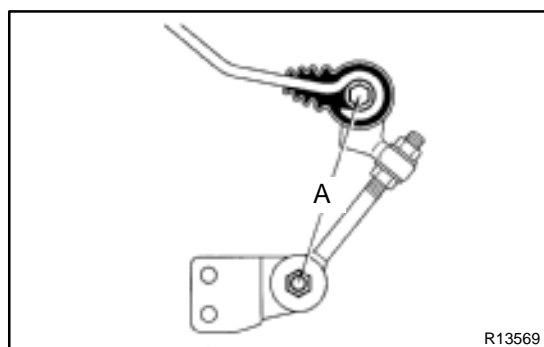
**Torque: 29 N·m (300 kgf-cm, 22 ft-lbf)**

### 2. CONNECT BRAKE LINE

Using SST, connect the brake lines.

**Torque: 15 N·m (155 kgf-cm, 11 ft-lbf)**

SST 09023-00100



### 3. CONNECT SHACKLE NO. 2 TO SHACKLE BRACKET

- (a) Install the shackle No. 2 to the shackle No. 1 with the 2 nuts.
- (b) Set dimension A.

**Initial set:**

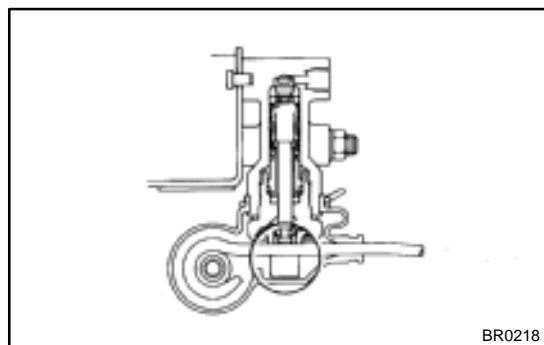
2WD	78 mm (3.07 in.)
4WD, pre runner	120 mm (4.72 in.)

- (c) Tighten the lock nut.  
**Torque: 24 N·m (250 kgf-cm, 18 ft-lbf)**
- (d) Install the shackle No. 2 with the 2 cushions and collar to the shackle bracket.
- (e) Install the nut to fix the cushion retainer.  
**Torque: 13 N·m (130 kgf-cm, 9 ft-lbf)**

### 4. SET REAR AXLE LOAD (See page BR-48)

### 5. SET VALVE BODY

- (a) When pulling down the load sensing spring, confirm that the valve piston moves down smoothly.



- (b) Position the valve body so that the valve piston lightly contacts the load sensing spring.
- (c) Tighten the valve body mounting nuts.  
**Torque: 13 N·m (130 kgf-cm, 9 ft-lbf)**
6. BLEED BRAKE LINE (See page BR-4)
7. CHECK AND ADJUST LSP & BV FLUID PRESSURE (See page BR-48)