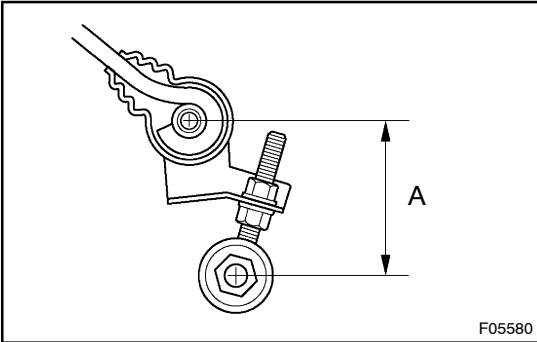


## INSTALLATION

### 1. INSTALL LSP & BV (LSPV) ASSEMBLY TO FRAME

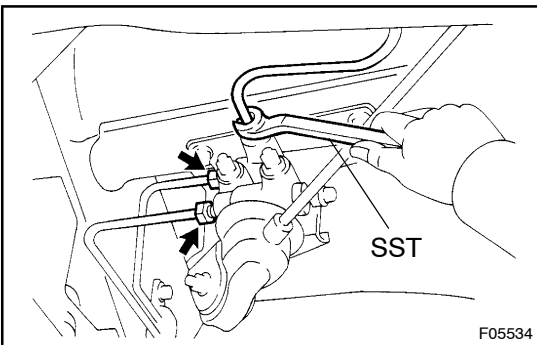
- (a) RFS:  
Install the LSP & BV (LSPV) assembly to the frame with the 4 mounting bolts.
- (b) IFS:  
Install the LSP & BV (LSPV) assembly to the frame with the 3 mounting bolts.

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



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

- (a) Set the dimension "A" by turning shackle No. 2.  
**Initial set: 90mm (3.54 in.)**
- (b) Tighten the lock nut.  
**Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)**
- (c) Install the 2 cushions and collar to the loads sensing spring shackle.
- (d) Install the load sensing spring to the shackle bracket with a retainer and nut.  
**Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)**



### 3. CONNECT BRAKE LINES

Using SST, connect the 3 brake lines.

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

SST 09751-36011

### 4. SET REAR AXLE LOAD (See page BR-64)

### 5. SET VALVE BODY

- (a) When pulling down the load sensing spring, check that the valve piston moves down smoothly.
- (b) Position the valve body so that piston lightly contacts the load sensing spring.
- (c) Tighten the 2 valve body mounting nuts.

**Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)**

### 6. BLEED BRAKE LINE (See page BR-10)

### 7. CHECK BRAKE FLUID LEAKAGE

### 8. CHECK AND ADJUST LSP & BV (LSPV) FLUID PRESSURE (See page BR-64)