BR0W0-01

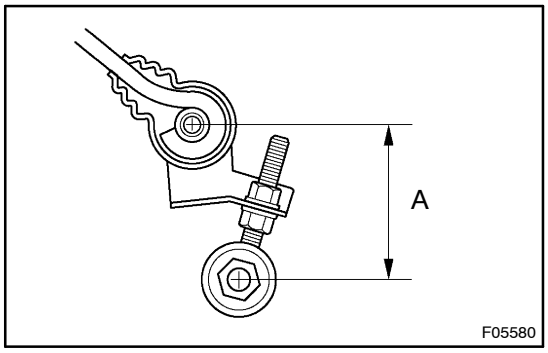
INSTALLATION

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.)

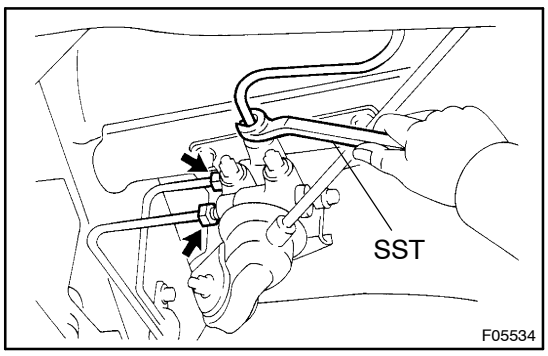
(b) Tighten the lock nut.

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)

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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)