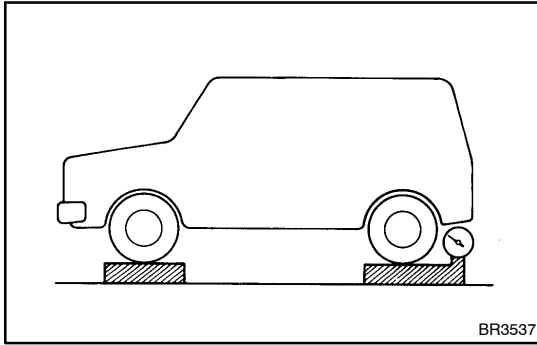


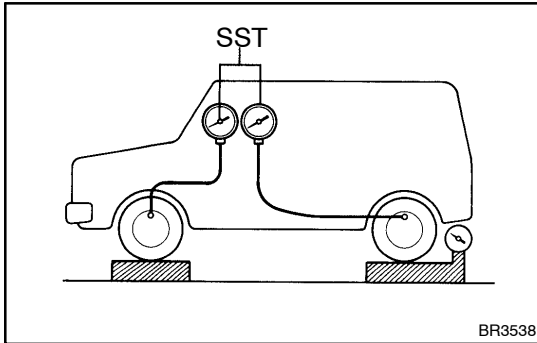


LOAD SENSING PROPORTIONING AND BY-PASS VALVE (LSP & BV) ON-VEHICLE INSPECTION

BR089-02

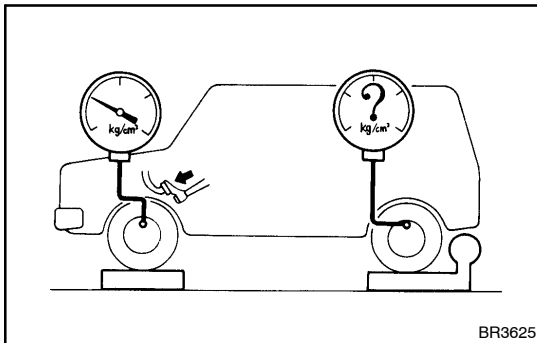
1. SET REAR AXLE LOAD

Rear axle load (includes vehicle weight):
924 kg (2,033 lb)



2. INSTALL LSPV GAUGE (SST) AND BLEED AIR

SST 09709-29018



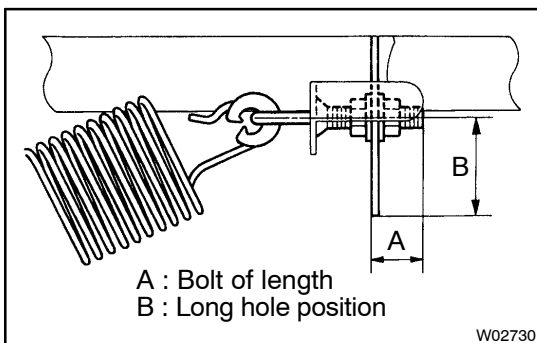
3. RAISE FRONT BRAKE FLUID PRESSURE TO FOLLOWING SPECIFICATION AND CHECK REAR BRAKE FLUID PRESSURE

Rear brake fluid pressure:

Front brake fluid pressure kPa (kgf/cm ² , psi)	Rear brake fluid pressure kPa (kgf/cm ² , psi)
6,864 (70, 995.6)	2,707-3,883 (27.6-39.6, 393-563)

HINT:

The brake pedal should not be depressed twice and/or returned while setting to the specified pressure. Read the value of rear pressure 2 seconds after adjusting the specified fluid pressure.

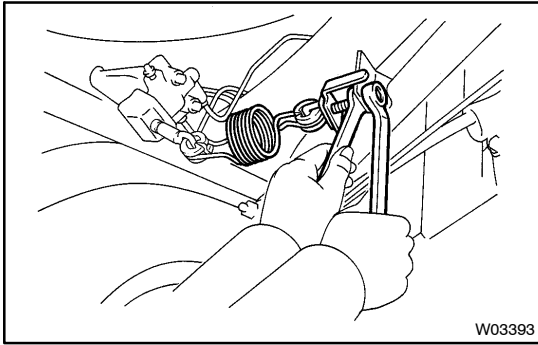


4. IF NECESSARY, ADJUST FLUID PRESSURE

- Adjust the fluid pressure by changing the A or B length.
 - Low pressure – Lengthen A, B
 - High pressure – Shorten A, B

HINT:

Fluid pressure change for one turn of the lock nut is 100 kPa (1.0 kgf/cm², 14 psi) and fluid pressure change for 1 mm (0.04 in.) sliding of the adjust bolt within the long hole position is 40 kPa (0.4 kgf/cm², 6 psi).



(b) Torque the lock nut.

Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)

If it cannot be adjusted, replace the valve body.