

4. LACK OF BOOSTING ACTION CHECK

Turn off engine, and set the vacuum gauge reading at "0". Then, check the fluid pressure when brake pedal is depressed. The pressure must be greater than the standard value listed below.

Brake pedal force	147N (15 kg, 33 lb)	294N (30kg, 66 lb)
Models without ABS	785 kPa (8 kg/cm ² , 114 psi)	2,158 kPa (22 kg/cm ² , 313 psi)
Models with ABS	588 kPa (6 kg/cm ² , 85 psi)	1,863 kPa (19 kg/cm ² , 270 psi)

5. BOOSTING ACTION CHECK

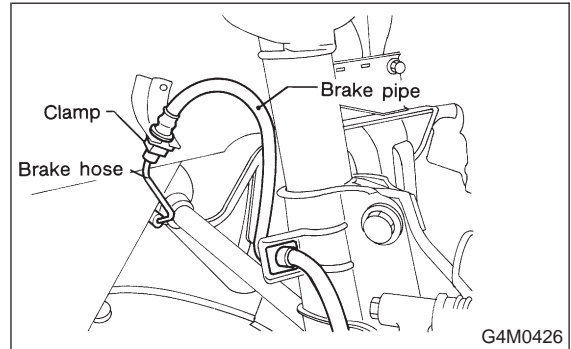
Set the vacuum gauge reading at 66.7 kPa (500 mmHg, 19.69 inHg) by running engine. Then, check the fluid pressure when brake pedal is depressed. The pressure must be greater than the standard value listed below.

Brake pedal force	147N (15 kg, 33 lb)	294N (30kg, 66 lb)
Models without ABS	5,492 kPa (56 kg/cm ² , 796 psi)	8,434 kPa (86 kg/cm ² , 1,223 psi)
Models with ABS	5,394 kPa (55 kg/cm ² , 782 psi)	9,219 kPa (94 kg/cm ² , 1,337 psi)

7. Brake Hose

A: REMOVAL

- 1) Separate brake pipe from brake hose.
(Always use flare nut wrench and be careful not to deform flare nut.)



- 2) Pull out clamp to remove brake hose.
- 3) Remove clamp at strut and union bolt.

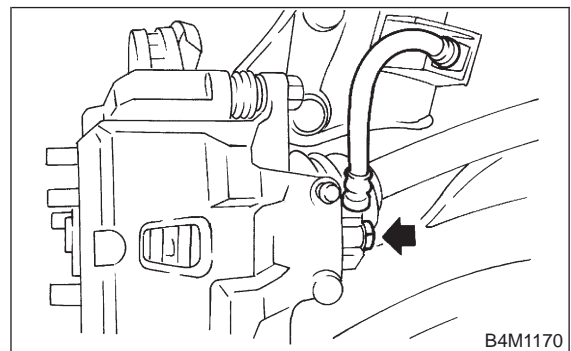
B: INSTALLATION

1. FRONT BRAKE HOSE

- 1) Route end of brake hose (on caliper side) through hole in brake hose bracket at strut location.
- 2) Tighten end of brake hose at caliper using a union bolt.

Torque (Union bolt):

18±3 N·m (1.8±0.3 kg·m, 13.0±2.2 ft·lb)



- 3) Secure middle fitting of brake hose to bracket at strut location using a clamp.
- 4) Position disc in straight-forward direction and route brake hose through hole in bracket on wheel apron side.

CAUTION:

Be sure brake hose is not twisted.

- 5) Temporarily tighten flare nut to connect brake pipe and hose.
- 6) Fix brake hose with clamp at wheel apron bracket.

7) While holding hexagonal part of brake hose fitting with a wrench, tighten flare nut to the specified torque.

Torque (Brake pipe flare nut):

$14.7^{+3}/_{-2}$ N·m ($1.5^{+0.3}/_{-0.2}$ kg·m, $10.8^{+2.2}/_{-1.4}$ ft·lb)

8) Bleed air from the brake system.

2. REAR BRAKE HOSE

- 1) Pass brake hose through the hole of bracket, and lightly tighten flare nut to connect brake pipe.
- 2) Insert clamp upward to fix brake hose.
- 3) Perform the same procedures as before mentioned in steps 7) and 8).

8. Parking Brake Lever

A: REPLACEMENT

- 1) Remove console box from front floor.
- 2) Disconnect electric connector for parking brake switch.
- 3) Loosen parking brake adjuster, and remove inner cable end from equalizer.
- 4) Remove parking brake lever.
- 5) Install parking brake lever in the reverse order of removal.

Tightening torque (Lever installing bolt and nut):

18 ± 5 N·m (1.8 ± 0.5 kg·m, 13.0 ± 3.6 ft·lb)

6) Adjust parking brake lever by turning adjusting nut until parking brake lever stroke is set at 7 to 8 notches with operating force of 196 N (20 kg, 44 lb).

7) Tighten lock nut.

Tightening torque (Lock nut):

5.9 ± 1.5 N·m (0.60 ± 0.15 kg·m, 4.3 ± 1.1 ft·lb)

