

**16. Brake Pedal**

S405541

**A: REMOVAL**

S405541A18

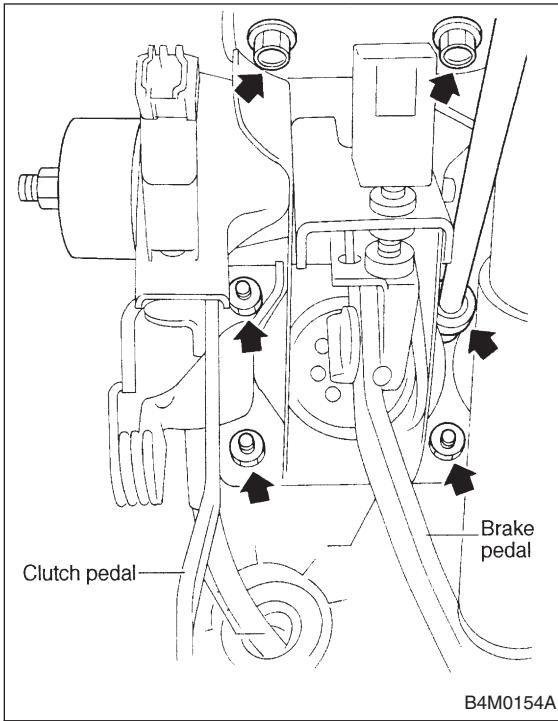
**1. 2200 cc MT MODEL**

S405541A1803

- 1) Disconnect ground cable from battery.
- 2) Disconnect clutch cable from release lever.
- 3) Remove instrument panel lower cover from instrument panel.
- 4) Disconnect the following parts from pedal bracket.
  - (1) Operating rod of brake booster
  - (2) Electrical connectors (for stop light switch, etc.)
- 5) Remove clevis pin which secures pedal to push rod.
- 6) Remove bolts and nuts which secure brake and clutch pedals, and remove pedal bracket and clutch cable as a unit.

**CAUTION:**

**Before removing clutch cable from toe board, remove grommet. Slowly remove clutch cable, being careful not to scratch it.**



- 7) Depress clutch pedal, disconnect clutch cable from clutch pedal.

**2. 2500 cc MT MODEL**

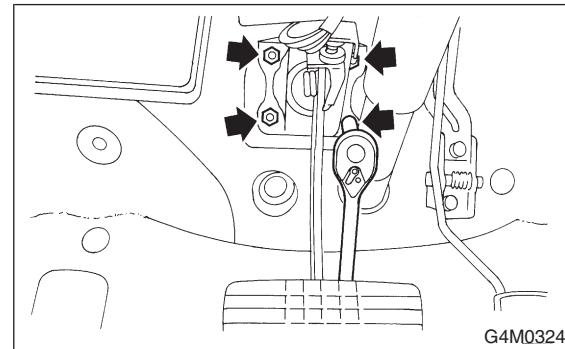
S405541A1804

- 1) Remove steering bolts.
- 2) Raise vehicle on hoist and remove the two bolts which secure steering unit to underside of body.
- 3) Lower vehicle to floor.
- 4) Remove instrument panel lower cover from instrument panel.
- 5) Disconnect the following parts from pedal bracket.
  - Operating rod of brake booster
  - Electrical connectors (for stop light switch, etc.)
- 6) Remove clevis pin which secures lever to push rod.
- 7) Remove nut which secures clutch master cylinder.
- 8) Remove steering assembly.
- 9) Remove bolts and nuts which secure brake and clutch pedals, and remove pedal assembly.

**3. AT MODEL**

S405541A1802

- 1) Disconnect ground cable from battery.
- 2) Remove instrument panel lower cover from instrument panel.
- 3) Remove clevis pin which secures brake pedal to brake booster operating rod. Also disconnect stop lamp switch connector.
- 4) Remove two bolts and four nuts which secure brake pedal to pedal.



**B: INSTALLATION**

S405541A11

- 1) Install in the reverse order of removal.

**CAUTION:**

- If cable clamp is damaged, replace it with a new one.
- Never fail to cover outer cable end with boot.
- Be careful not to kink accelerator cable.
- Always use new clevis pins.

2) Adjustment of clutch pedal <Ref. to CL-24  
ADJUSTMENT, Clutch Pedal.>

3) Adjustment after pedal installation <Ref. to  
BR-56 INSPECTION, Brake Pedal.>

**C: ASSEMBLY**

S405541A02

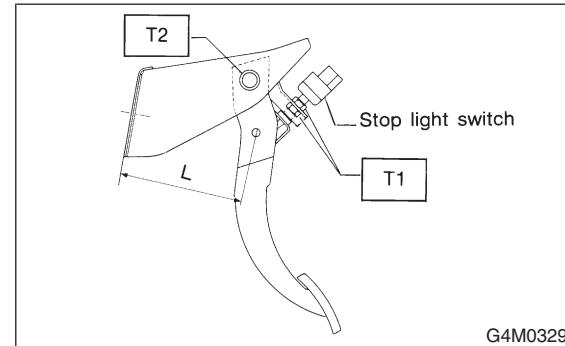
- 1) Attach stop light switch, etc. to pedal bracket temporarily.
- 2) Clean inside of bores of clutch pedal and brake pedal, apply grease, and set bushings into bores.
- 3) Align bores of pedal bracket, clutch pedal and brake pedal, attach brake pedal return spring and clutch pedal effort reducing spring, and then install pedal bolt.

**NOTE:**

Clean up inside of bushings and apply grease before installing spacer.

**Tightening torque:**

**T2: 29 N·m (3.0 kgf-m, 21.7 ft-lb)**



- 4) Set brake pedal position by adjusting position of stop light switch.

**Pedal position: L**

**125.9 mm (4.96 in)**

**Tightening torque:**

**T1: 8 N·m (0.8 kgf-m, 5.8 ft-lb)**

# BRAKE PEDAL

## Brake

### D: INSPECTION

S405541A10

1) Move brake and clutch pedal pads in the lateral direction with a force of approximately 10 N (1 kgf, 2 lb) to ensure pedal deflection is in specified range.

3) If it is not in specified value, adjust it by adjusting brake booster operating rod length.

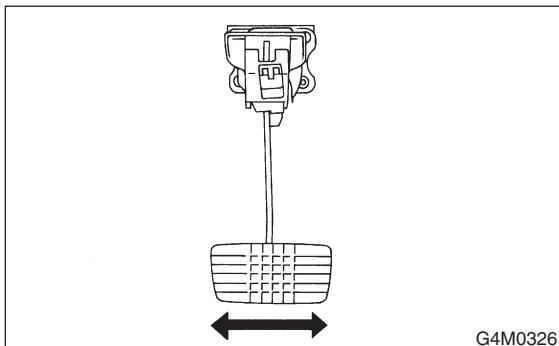
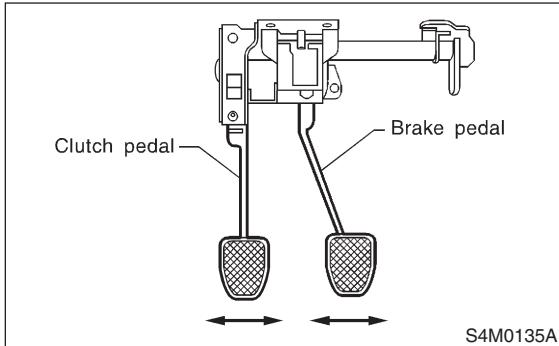
#### CAUTION:

If excessive deflection is noted, replace bushings with new ones.

#### Deflection of brake and clutch pedal:

##### Service limit

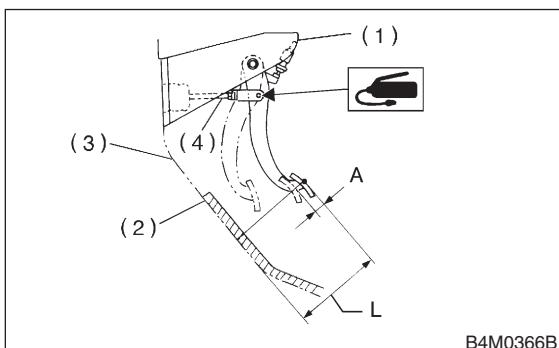
5.0 mm (0.197 in) or less



2) Check position of pedal pad.

#### Pedal height: L

148 mm (5.83 in)



(1) Stop light switch

(2) Mat

(3) Toe board

(4) Brake booster operating rod