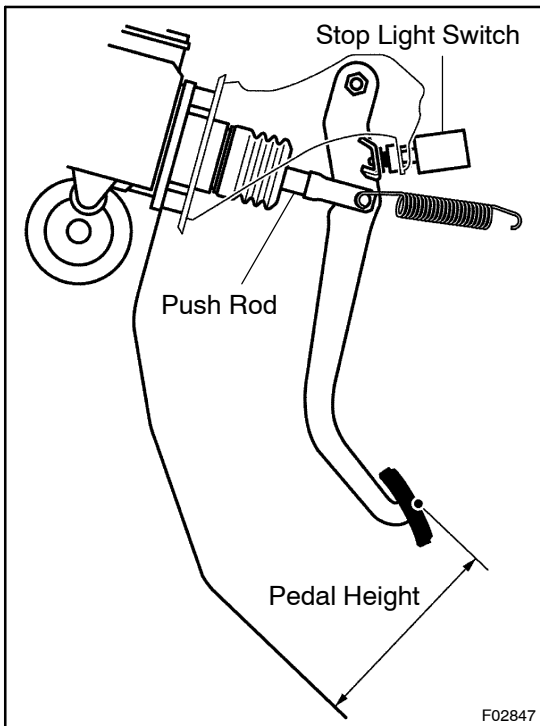
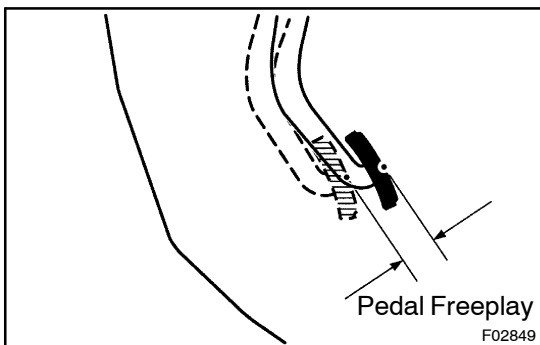


BRAKE PEDAL SUB-ASSY ADJUSTMENT



1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Inspect brake pedal height.
**Pedal height from asphalt sheet:
154.0 – 164.0 mm (6.063 – 6.457 in.)**
 - (b) Adjust brake pedal height.
 - (1) Remove the instrument finish panel lower.
 - (2) Disconnect the connector from the stop light switch.
 - (3) Loosen the stop light switch lock nut and remove the stop light switch.
 - (4) Loosen the clevis lock nut.
 - (5) Adjust the pedal height by turning the pedal push rod.
 - (6) Tighten the push rod lock nut.
- Torque: 26 N·m (265 kgf·cm, 19 ft·lbf)**
- (7) Install the stop light switch.
 - (8) Connect the connector to the stop light switch.
 - (9) Push the brake pedal in 5 – 15 mm (0.20 – 0.59 in.), turn the stop light switch to lock the nut in the position where the stop light goes off.
 - (10) After installation, push the brake pedal in 5 – 15 mm (0.20 – 0.59 in.), check that stop light lights up.



2. CHECK PEDAL FREE PLAY

- (a) Stop the engine and depress the brake pedal several times until there is no more vacuum left in the booster.
- (b) Push in the pedal until the beginning of the resistance is felt. Measure the distance, as shown.

Pedal freeplay: 0.2 – 2.0 mm (0.008 – 0.079 in.)

If incorrect, check the stop light switch clearance.

If the clearance is OK, the troubleshoot the brake system.

Stop light switch clearance:

0.5 – 2.4 mm (0.020 – 0.094 in.)

3. CHECK PEDAL RESERVE DISTANCE

- (a) Release the parking brake.
- (b) With the engine running, depress the pedal and measure the pedal reserve distance, as shown.

**Pedal reserve distance from asphalt sheet at 196 N
(20 kgf·cm, 44.1 lbf): More than 100 mm (3.94 in.)**

If incorrect, troubleshoot the brake system.

