

ADJUSTMENT

1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Inspect brake pedal height.

Pedal height from asphalt sheet:

M/T:

134.9 to 144.9 mm (5.311 to 5.703 in.)

A/T:

136.0 to 146.0 mm (5.353 to 5.747 in.)

- (1) Disconnect the connector from the stop light switch.
- (2) Remove the stop light switch.
- (3) Loosen the clevis lock nut.
- (4) Adjust the pedal height by turning the pedal push rod.
- (5) Tighten the push rod lock nut.
Torque: 26 N*m (265 kgf*cm, 19 ft.*lbf)
- (6) Install the stop light switch.
- (7) Connect the connector to the stop light switch.
- (8) Push the brake pedal in 5 to 15 mm (0.20 to 0.59 in.), and turn the stop light switch to lock the nut in the position where the stop light goes off.
- (9) After installation, push the brake pedal in 5 to 15 mm (0.20 to 0.59 in.), check that stop light comes on.

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 in the illustration.

Pedal free play:

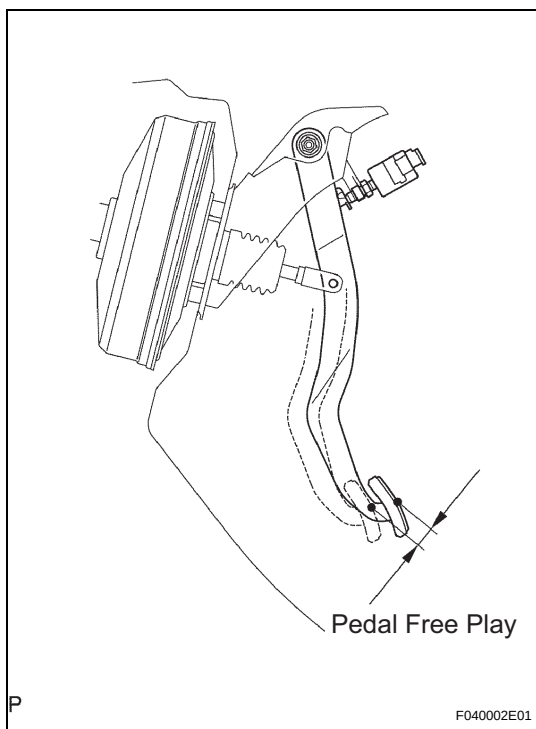
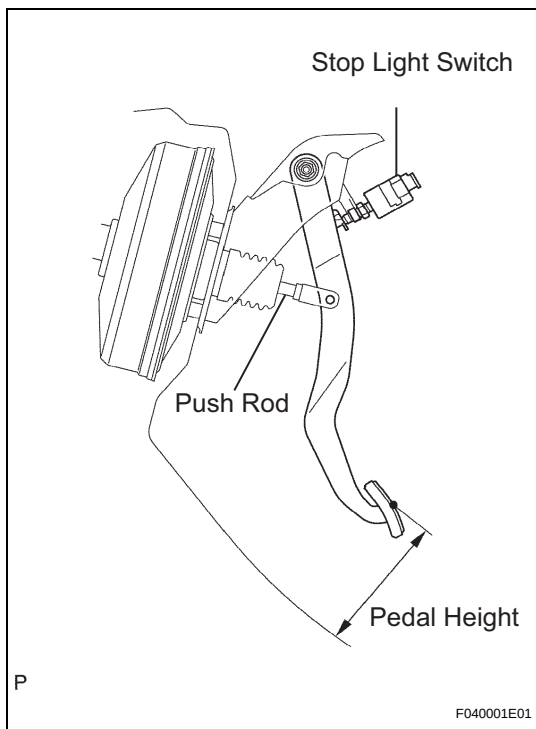
1 to 6 mm (0.04 to 0.24 in.)

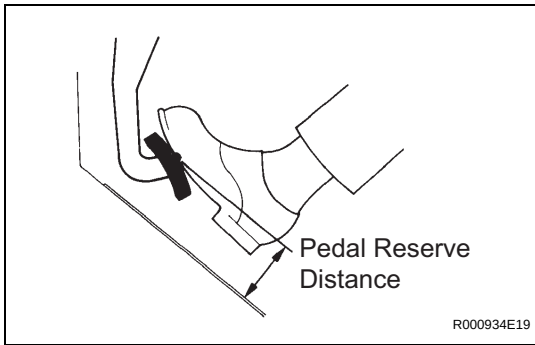
If incorrect, check the stop light switch clearance.

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

Stop light switch clearance:

0.5 to 2.4 mm (0.020 to 0.094 in.)





3. CHECK PEDAL RESERVE DISTANCE

- (a) Release the parking brake lever.

With engine running, depress the pedal and measure the pedal reserve distance, as shown in the illustration.

Pedal reserve distance from asphalt sheet at 294 N (30 kgf, 66 lbf):

without ABS:

78 mm (3.07 in.) or more.

with ABS:

76 mm (2.99 in.) or more.

with VSC:

76 mm (2.99 in.) or more.

If incorrect, troubleshoot the brake system.