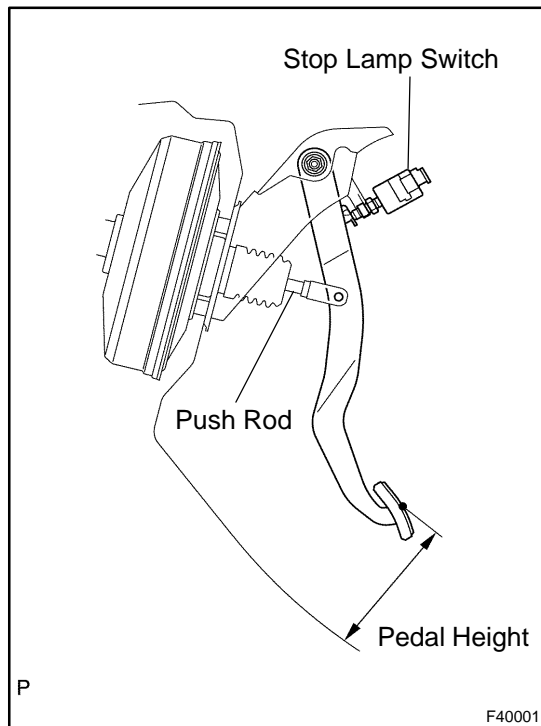


BRAKE PEDAL SUB-ASSY ADJUSTMENT

3201A-01



1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Inspect brake pedal height.

Pedal height from asphalt sheet:

M/T: 134.9 – 144.9 mm (5.311 – 5.703 in.)

A/T: 136.0 – 146.0 mm (5.353 – 5.747 in.)

- (1) Disconnect the connector from the stop lamp switch.
- (2) Remove the stop lamp 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 lamp switch.
- (7) Connect the connector to the stop lamp switch.
- (8) Push the brake pedal in 5 – 15 mm (0.20 – 0.59 in.), and turn the stop lamp switch to lock the nut in the position where the stop lamp goes off.
- (9) After installation, push the brake pedal in 5 – 15 mm (0.20 – 0.59 in.), check that stop lamp 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 installation.

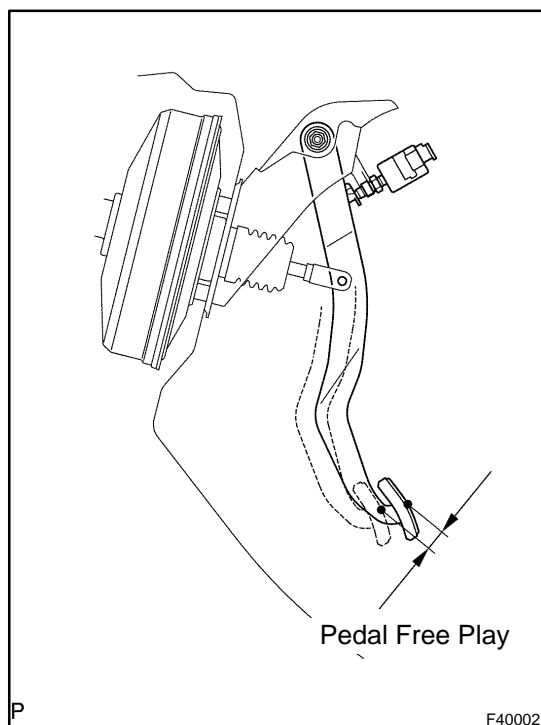
Pedal free play: 1 – 6 mm (0.04 – 0.24 in.)

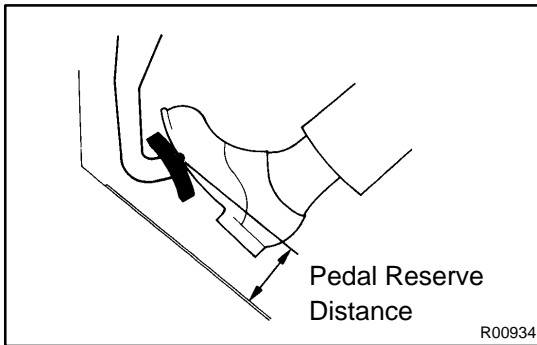
If incorrect, check the stop lamp switch clearance.

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

Stop lamp switch clearance:

0.5 – 2.4 mm (0.020 – 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 installation.

Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf): More than 70 mm (2.76 in.)

If incorrect, troubleshoot the brake system.