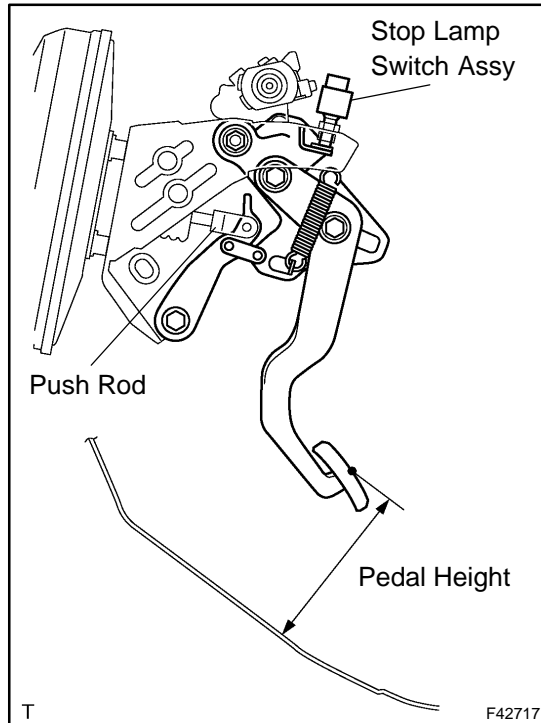


ACCELERATOR & BRAKE PEDAL ASSY ADJUSTMENT



1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Inspect brake pedal height.

Pedal height from asphalt sheet:

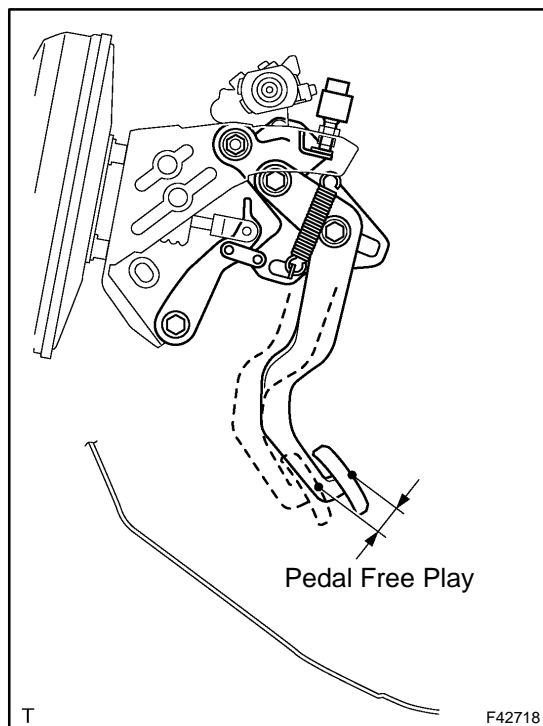
144.1 – 154.1 mm (5.673 – 6.067 in.)

- (b) Adjust brake pedal height.

- (1) Remove the instrument panel finish panel sub-assy lower and instrument panel insert sub-assy lower LH.
- (2) Disconnect the connector from the stop lamp switch assy.
- (3) Loosen the stop lamp switch lock nut and remove the stop lamp switch assy.
- (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 lamp switch assy.
- (8) Connect the connector to the stop lamp switch assy.
- (9) Push the brake pedal in 5 – 10 mm (0.20 – 0.39 in.), turn the stop lamp switch assy to lock the nut in the position where the stop lamp goes off.
- (10) After installation, push the brake pedal in 5 – 10 mm (0.20 – 0.39 in.), check that stop lamp lights up.
- (11) Install the instrument panel insert sub-assy lower LH and instrument panel finish panel sub-assy lower.



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.

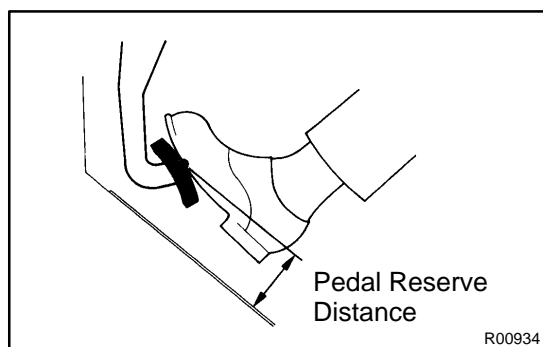
Pedal free play: 1 – 6 mm (0.04 – 0.24 in.)

If incorrect, check the stop lamp switch assy clearance.

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

Stop lamp switch clearance:

0.5 – 2.5 mm (0.020 – 0.098 in.)



3. CHECK PEDAL RESERVE DISTANCE

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

Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf): More than 63 mm (2.48 in.)

If incorrect, troubleshoot the brake system.