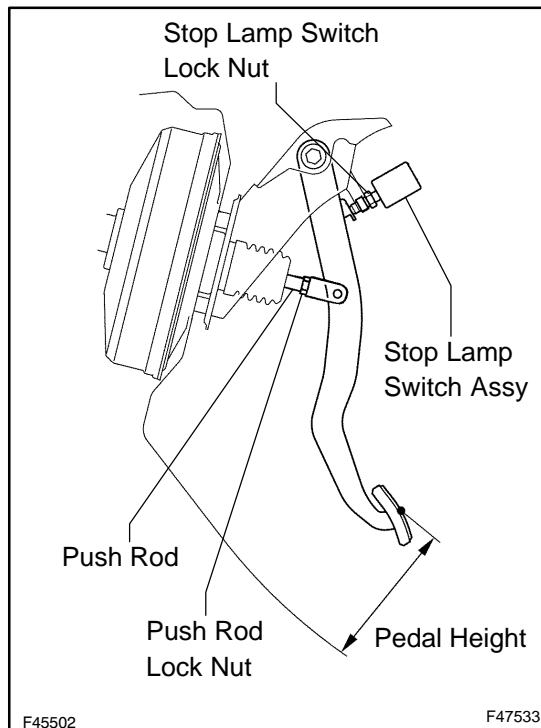
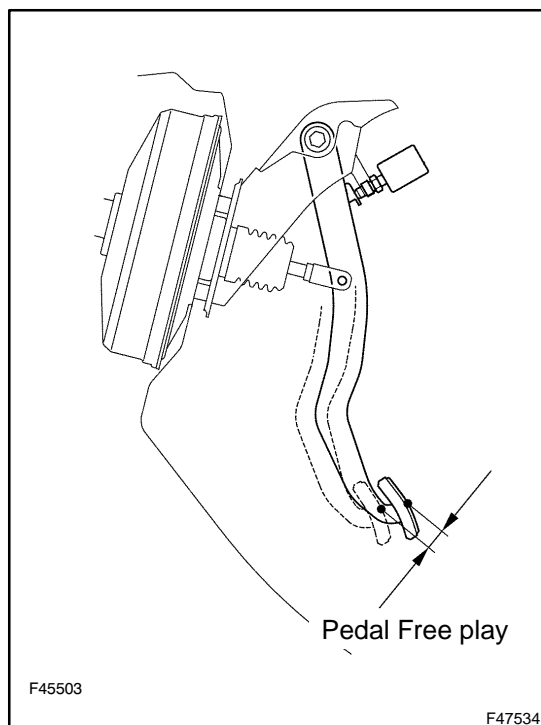


BRAKE PEDAL SUB-ASSY ADJUSTMENT



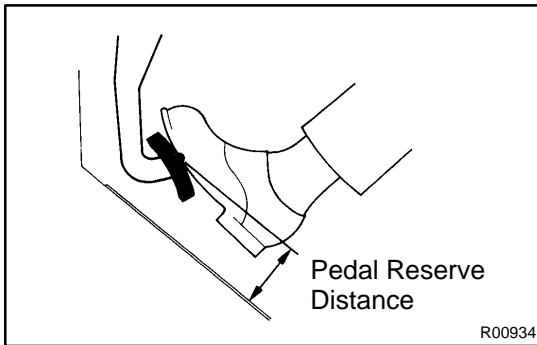
1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Check brake pedal height.
Pedal height from asphalt sheet:
150 to 160 mm (5.906 to 6.299 in.)
- (b) Adjust brake pedal height.
 - (1) Disconnect the connector from the stop lamp switch assy.
 - (2) Loosen the stop lamp switch lock nut and remove the stop lamp switch assy.
 - (3) Loosen the push rod 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 assy.
 - (7) Connect the connector to the stop lamp switch assy.
 - (8) Push the brake pedal in 5 to 10 mm (0.20 to 0.39 in.) and turn the stop lamp switch assy to lock the nut in the position where the stop lamp goes off.
 - (9) After installation, push the brake pedal in 5 to 10 mm (0.20 to 0.39 in.), and check that the stop lamp comes on.
 - (10) Tighten the stop lamp switch lock nut.
Torque: 17 N·m (173 kgf·cm, 13 ft·lbf)



2. CHECK PEDAL FREE PLAY

- (a) Stop the engine and depress the brake pedal several times until no vacuum remains in the booster.
 - (b) Press the pedal until resistance is felt. Measure the distance as shown in the illustration.
Pedal free play: 2.0 to 3.0 mm (0.079 to 0.118 in.)
- If incorrect, proceed to the following step.
- (1) Check the stop lamp switch clearance.
Stop lamp switch clearance:
0.5 to 2.6 mm (0.020 to 0.102 in.)
- If the clearance is OK, then troubleshoot the brake system.
If incorrect, adjust the stop lamp switch clearance.



3. CHECK PEDAL RESERVE DISTANCE

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

Pedal reserve distance from asphalt sheet at 490 N (50 kgf, 110.2 lbf): More than 83 mm (3.3 in.)

If incorrect, troubleshoot the brake system.