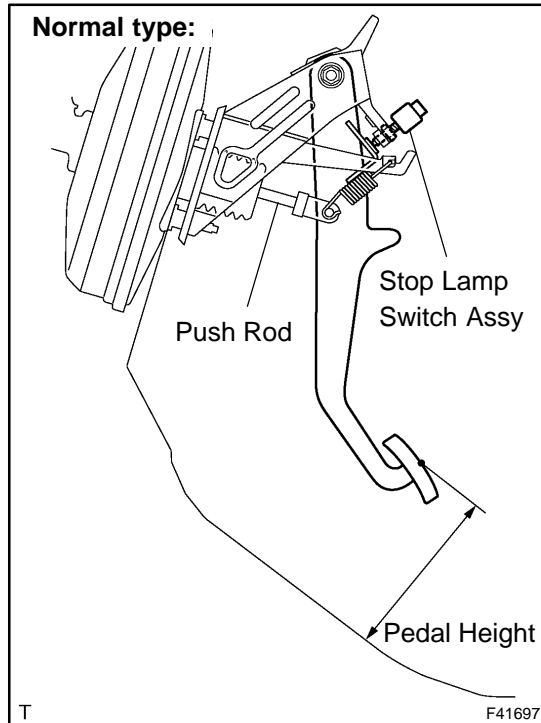


# BRAKE PEDAL SUPPORT ASSY ADJUSTMENT

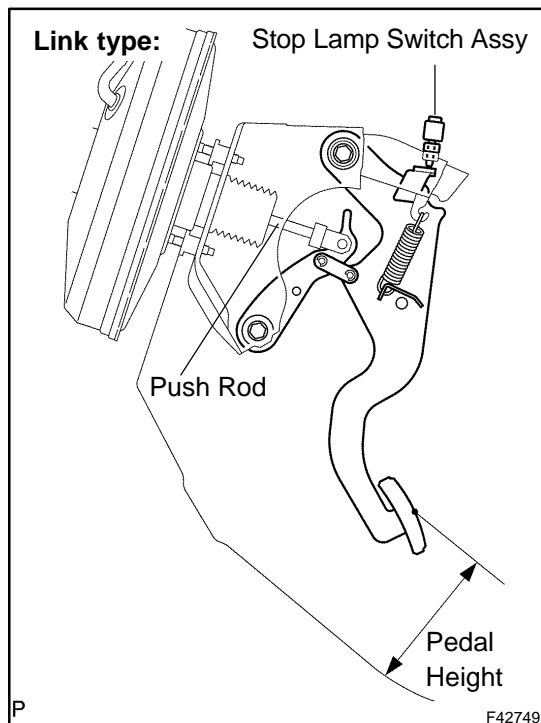


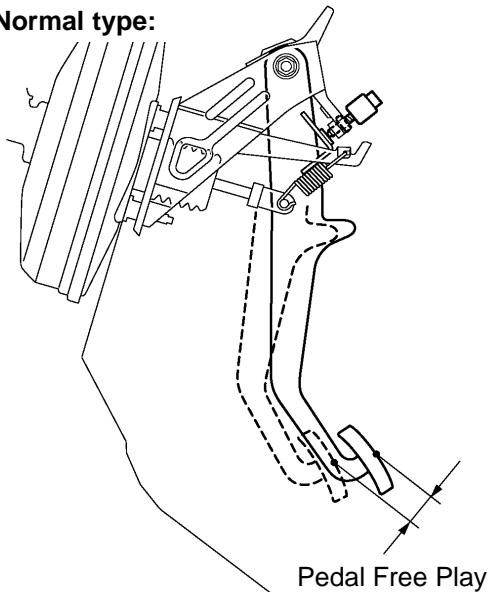
## 1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (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.



**Normal type:**

T

F41698

**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.

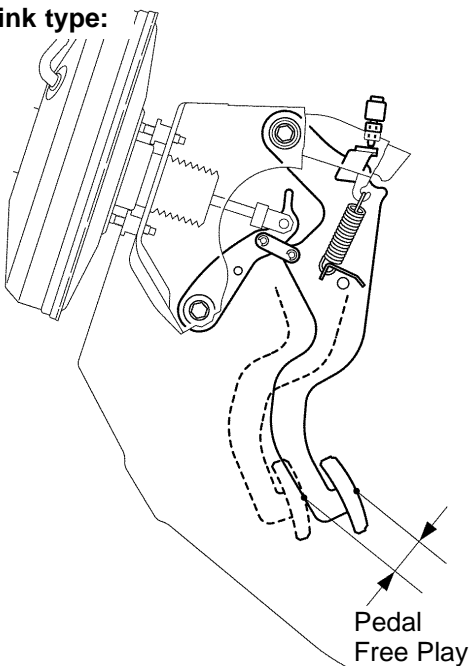
**Pedal free play: 1 – 6 mm (0.04 – 0.24 in.)**

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.)**

**Link type:**

P

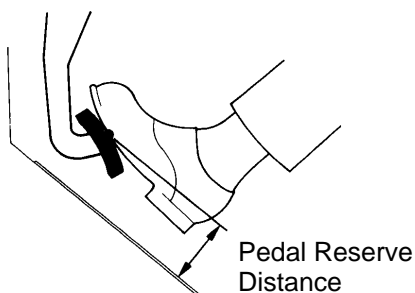
F42750

**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.



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