

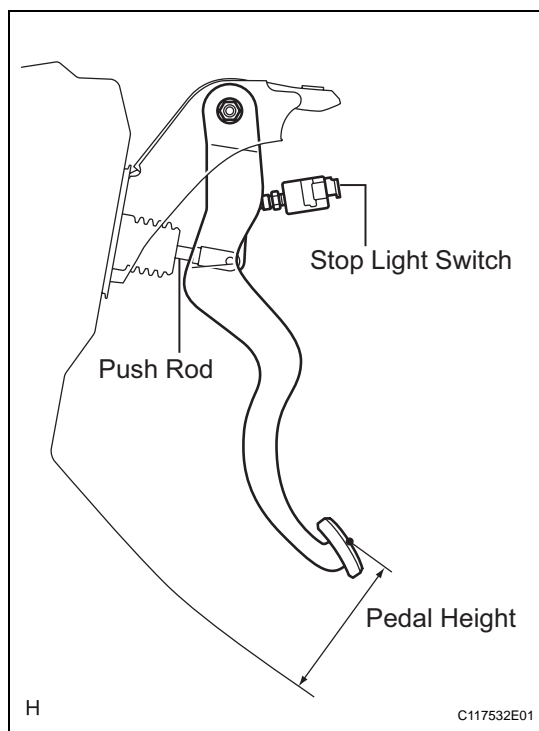
ADJUSTMENT

1. CHECK AND ADJUST BRAKE PEDAL HEIGHT

- (a) Check brake pedal height.

**Standard pedal height from dash panel:
124.5 to 134.5 mm (4.902 to 5.293 in.)**
- (b) Adjust brake pedal height.
 - (1) Remove the lower instrument finish panel.
 - (2) Disconnect the connector from the stop light switch.
 - (3) Loosen the stop light switch lock nut, and remove the stop light switch.
 - (4) Loosen the brake master cylinder push rod 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 light switch.
 - (8) Connect the connector to the stop light switch.
 - (9) Depress the pedal 5 to 15 mm (0.20 to 0.59 in.). Rotate the switch until the stop lights illuminate. Then tighten the lock nut.
 - (10) After the installation, depress the pedal 5 to 15 mm (0.20 to 0.59 in.), and check that the stop lights illuminate.



2. CHECK BRAKE PEDAL FREE PLAY

- (a) Stop the engine and depress the brake pedal several times until there is no vacuum in the booster. Then release the pedal.
- (b) Depress the pedal until resistance is felt.
- (c) Check the pedal's free play by measuring the distance between the position in the previous step and the pedal's released position.

**Standard pedal free play:
1.0 to 6.0 mm (0.04 to 0.24 in.)**

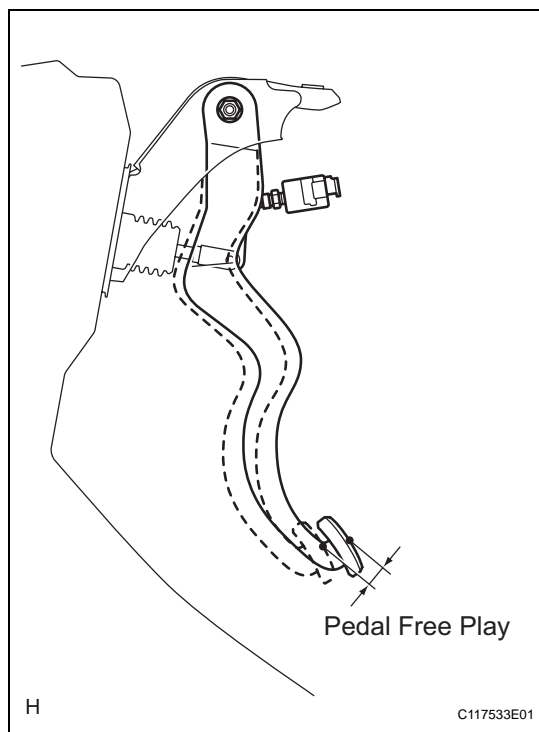
If the clearance is not as specified, check the switch clearance in the next step.

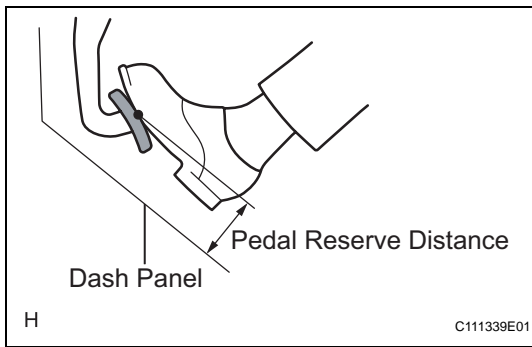
If the free play is as specified, proceed to the "check brake pedal reserve distance" procedures.
- (d) Check the switch clearance.

**Standard stop light switch clearance:
0.5 to 2.4 mm (0.020 to 0.094 in.)**

If the clearance is not as specified, adjust the clearance and recheck the pedal's free play.

If the clearance is as specified, troubleshoot the brake system and proceed to the "check brake pedal reserve distance" procedures.





3. CHECK BRAKE PEDAL RESERVE DISTANCE

- (a) Release the parking brake lever. Start the engine.
- (b) Depress the pedal and check the pedal reserve distance.
 - (1) Depress the pedal with a force of 490 N (50 kgf, 110 lbf).
 - (2) Measure the distance between the pedal and asphalt sheet shown in the illustration.

Standard pedal reserve distance

Model	Specified Condition
w/ VSC	More than 55 mm (2.17 in.)
w/o VSC	More than 50 mm (1.97 in.)

If the distance is not as specified, troubleshoot the brake system.