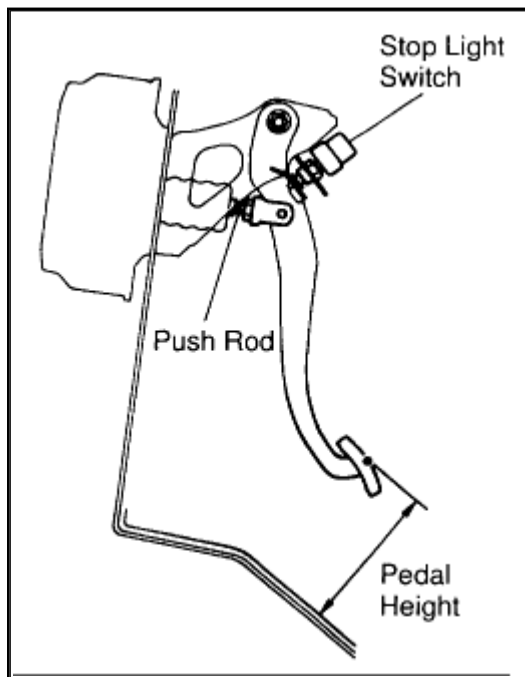


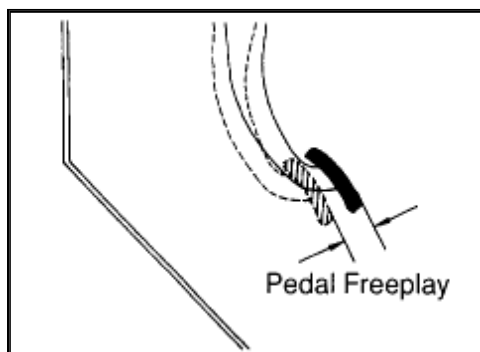
ON-VEHICLE INSPECTION



ZOOM

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1. CHECK PEDAL HEIGHT Pedal height from asphalt sheet: **139.8 - 149.8 mm (5.504 - 5.898 inch)** If the pedal height is incorrect, adjust it.
2. IF NECESSARY, ADJUST PEDAL HEIGHT
  - a. Remove the lower No. 1 panel and finish panel.
  - b. Disconnect the connector from the stop light switch.
  - c. Loosen the stop light switch lock nut and remove the stop light switch.
  - d. Loosen the clevis lock nut.
  - e. Adjust the pedal height by turning the pedal push rod.
  - f. Tighten the clevis lock nut. Torque: **25 Nm (260 kgf-cm, 19 ft. lbs.)**
  - g. Install the stop light switch.
  - h. Connect the connector to the stop light switch.
  - i. Push the brake pedal in **5 - 15 mm (0.20 - 0.59 inch)** , turn the stop light switch to lock the nut in the position where the stop light goes off.
  - j. Push the brake pedal in **5 - 15 mm (0.20 - 0.59 inch)** , check that stop light lights up.
  - k. After adjusting the pedal height, check the pedal freeplay.

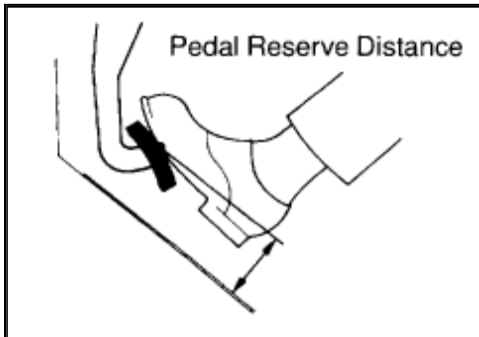


ZOOM

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3. CHECK PEDAL FREEPLAY

- 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 freeplay: **1 - 6 mm (0.04 - 0.24 inch)** If incorrect, check the stop light switch clearance. If the clearance is OK, then troubleshoot the brake system. Stop light switch clearance: **0.5 - 2.4 mm (0.020 - 0.094 inch)**



ZOOM

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4. CHECK PEDAL RESERVE DISTANCE Release the [parking brake lever](#). 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 lbs)** : **More than 85 mm (3.35 inch)** If incorrect, troubleshoot the brake system.