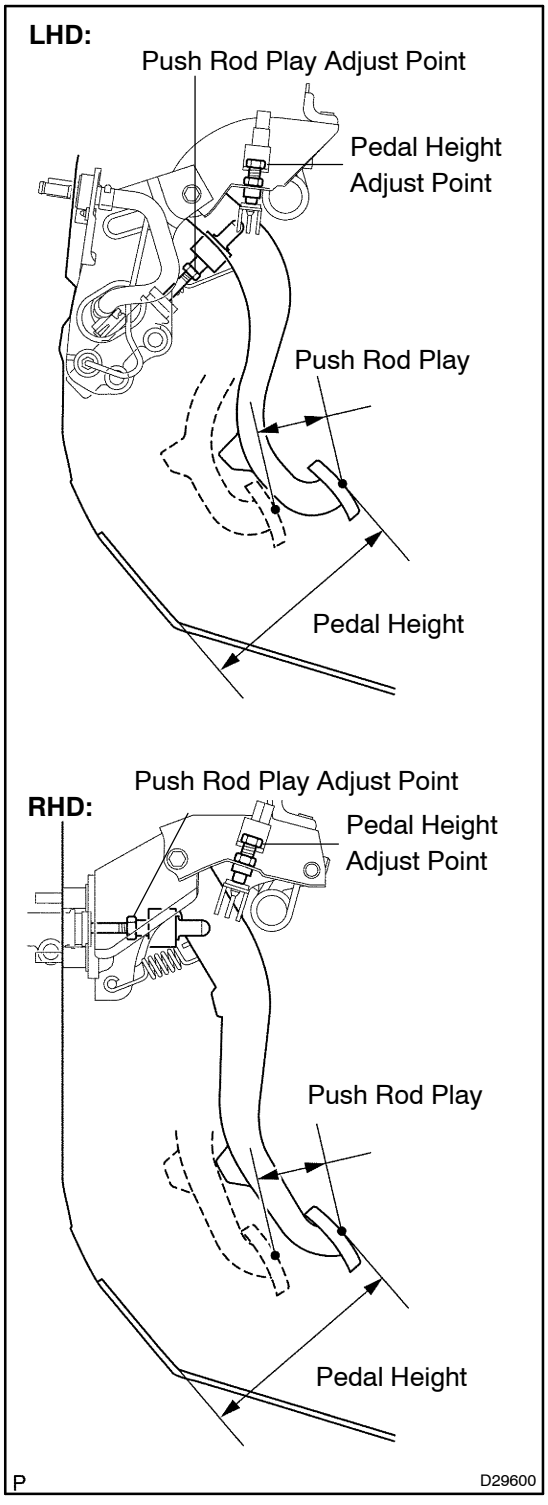
CLUTCH PEDAL SUB–ASSY (MTM)

ADJUSTMENT

4205K–01

1. INSPECT AND ADJUST CLUTCH PEDAL SUB–ASSY

(a) Turn over the floor carpet.



(b) Check that the pedal height is correct.

Pedal height from asphalt sheet:
LHD: 197.9 – 207.9 mm (7.791 – 8.185 in.)
RHD: 193.9 – 203.9 mm (7.634 – 8.028 in.)

(c) Adjust the pedal height.

(1) w/ Cruise control system:
Disconnect the clutch switch connector.

(2) Loosen the lock nut and turn the stopper bolt until the height is correct. Tighten the lock nut.

Torque: 26 N·m (260 kgf·cm, 19 ft·lbf)

(3) w/ Cruise control system:
Connect the clutch switch connector.

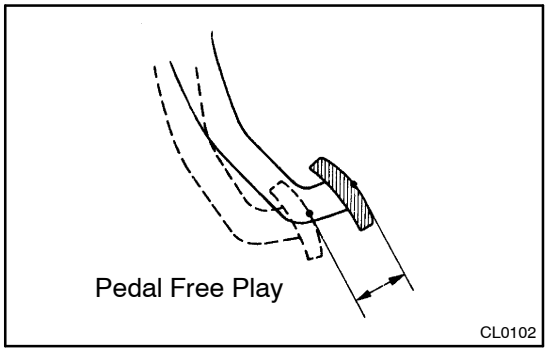
(d) Check that the pedal freeplay and push rod play are correct.

(1) Depress the pedal until the clutch resistance begin to be felt.

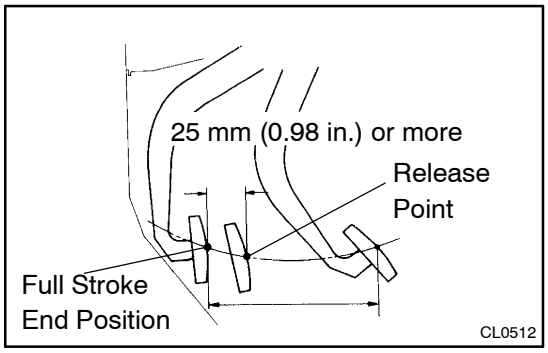
Pedal freeplay: 5.0 – 15.0 mm (0.197 – 0.591 in.)

(2) Gently depress the pedal until the resistance begins to increase a little.

Push rod play at pedal top:
1.0 – 5.0 mm (0.039 – 0.197 in.)



(e) Adjust the pedal freeplay and push rod play.
  (1) Loosen the lock nut and turn the push rod until the freeplay and push rod play are correct.
  (2) Tighten the lock nut.
  (3) After adjusting the pedal freeplay, check the pedal height.



(f) Check the clutch release point.
  (1) Pull the parking brake lever and install wheel stopper.
  (2) Start the engine and idle the engine.
  (3) Without depressing the clutch pedal, slowly shift the shift lever into reverse position until the gears contact.
  (4) Gradually depress the clutch pedal and measure the stroke distance from the point the gear noise stops (release point) to the full stroke end position.

Standard distance: 25 mm (0.984 in.) or more
(From pedal stroke end position to release point)

If the distance is not as specified, perform the following operations.

- Inspect pedal height.
- Inspect push rod play and pedal freeplay.
- Bleed the clutch line.
- Inspect the clutch cover and disc.