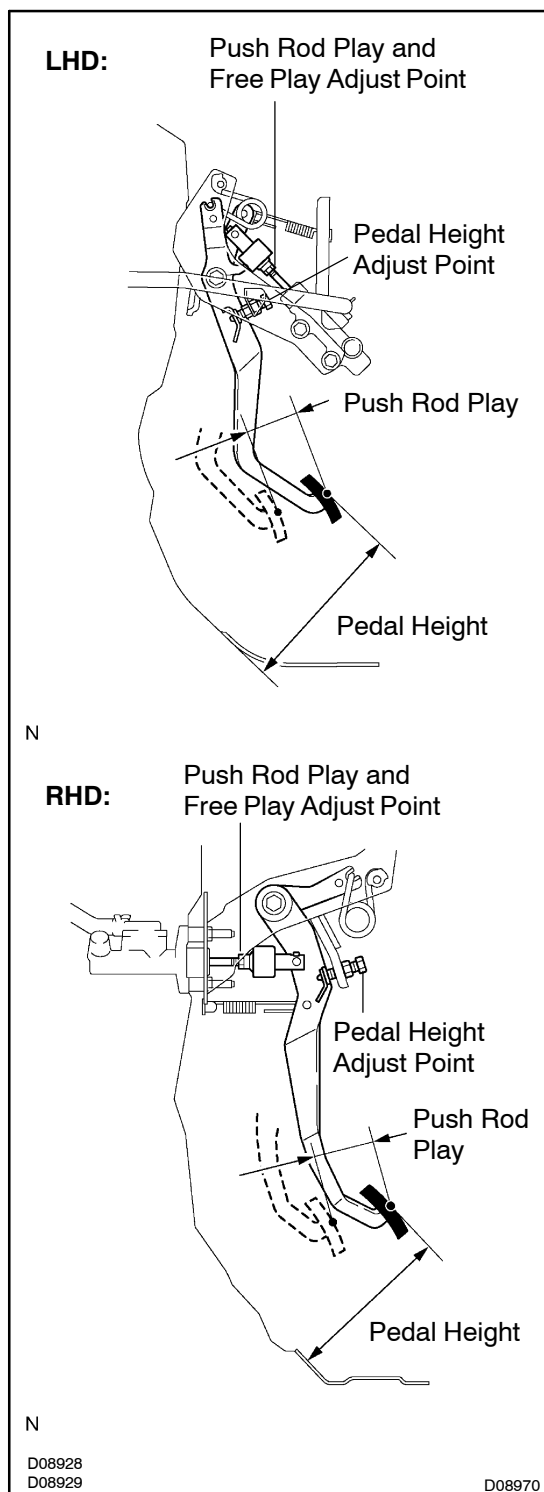


# CLUTCH PEDAL SUB-ASSY ADJUSTMENT

## 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:**

**1AZ-FE:**

**LHD: 177.7 – 187.7 mm (6.996 – 7.390 in.)**

**RHD: 174.3 – 184.3 mm (6.862 – 7.256 in.)**

**1CD-FTV:**

**LHD: 182.8 – 192.8 mm (7.197 – 7.591 in.)**

**RHD: 178.8 – 188.8 mm (7.039 – 7.433 in.)**

- (c) Adjust the pedal height.

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

**Torque: 26.5 N·m (250 kgf·cm, 18 ft·lbf)**

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

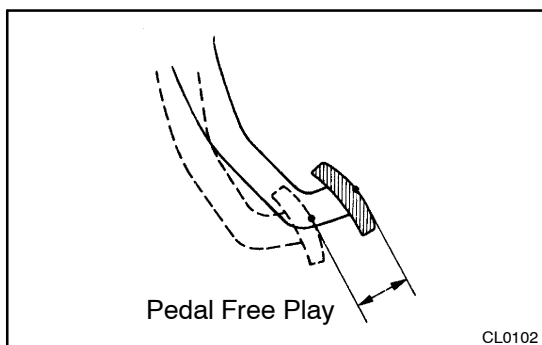
- (1) Depress the pedal until the clutch resistance begins to be felt.

**Pedal free play: 5.0 – 15.0 mm (0.197 – 0.591 in.)**

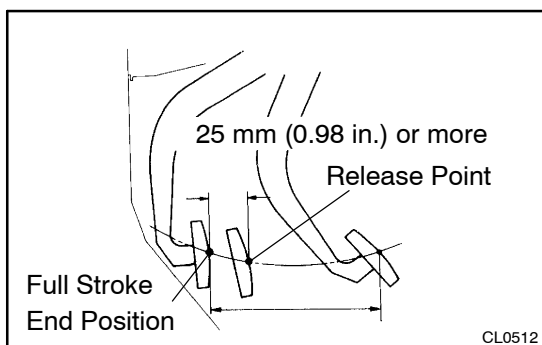
- (2) Gently depress the pedal until the resistance begins to increase a little.

**Push rod play at pedal top:**

**1.0 – 5.0 mm (0.039 – 0.197 in.)**



- (e) Adjust the pedal free play and push rod play.
- (1) Loosen the lock nut and turn the push rod until the free play and push rod play are correct.
  - (2) Tighten the lock nut.
  - (3) After adjusting the pedal free play, 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 that the gear noise stops (release point) up to the full stroke end position.

**Standard distance: 25 mm (0.98 in.) or more**

**(From pedal stroke end position to release point)**

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

- Check pedal height.
- Check push rod play and pedal free play.
- Bleed the clutch line.
- Check the clutch cover and disc.