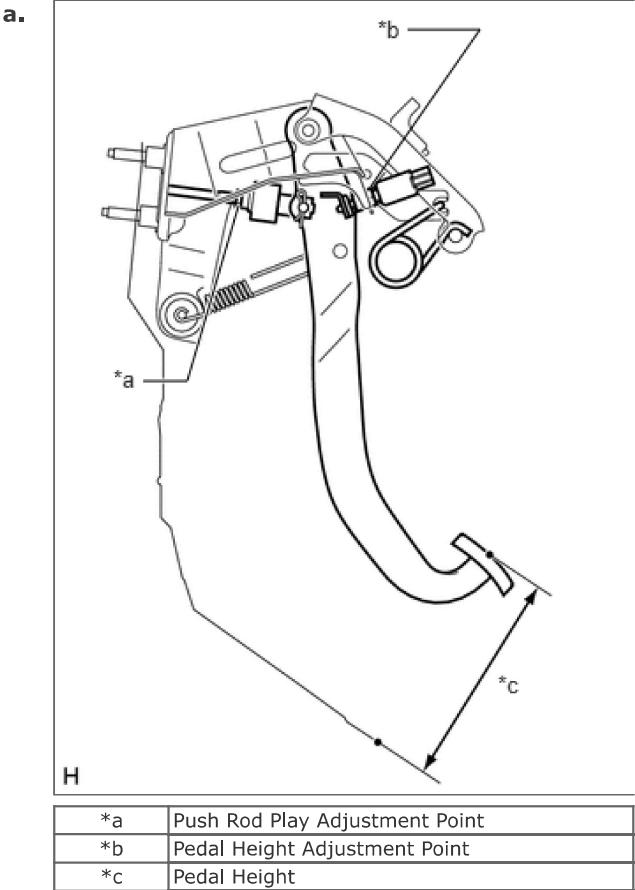


PROCEDURE

1.INSPECT AND ADJUST CLUTCH PEDAL SUB-ASSEMBLY

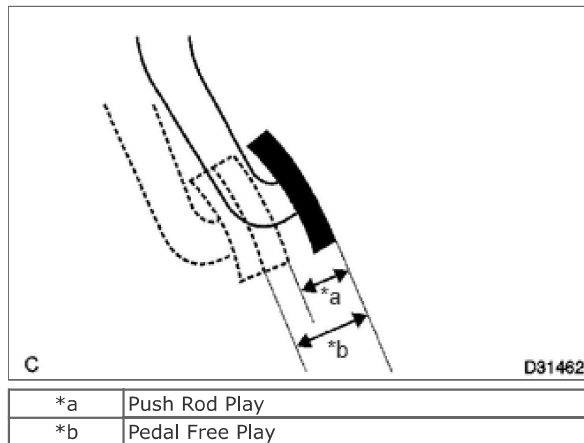
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Check that the pedal height is correct.
Standard pedal height from floor panel:
185 to 195 mm (7.29 to 7.67 in.)

- b. Adjust the pedal height.
- i. for 1VD-FTV:
Loosen the lock nut and turn the clutch switch assembly until the height is correct. Tighten the lock nut.
Torque:
15.7 N*m (160 kgf*cm, 12 ft.*lbf)
 - ii. for 1GR-FE, 1HZ:
Loosen the lock nut and turn the clutch pedal stopper bolt until the height is correct. Tighten the lock nut.
Torque:
15.7 N*m (160 kgf*cm, 12 ft.*lbf)

c.



Check that the pedal free play and push rod play are correct.

HINT:

Pay close attention to the change in resistance to distinguish between pedal free play and push rod play while performing the inspection.

- i. Depress the pedal until the clutch resistance begins to be felt.

Standard pedal free play:

5.0 to 15.0 mm (0.197 to 0.590 in.)

- ii. Gently depress the pedal until the resistance begins to increase a little.

Standard push rod play at pedal top:

1.0 to 5.0 mm (0.0394 to 0.1968 in.)

- d. Adjust the pedal free play and push rod play.

HINT:

The push rod play can be adjusted by changing the length of the push rod. Pedal free play changes together with push rod play.

- i. Loosen the lock nut and turn the push rod until the pedal free play and push rod play are correct.

NOTICE:

If pedal free play and push rod play are not within the standard range even after adjustment, inspect the related parts.

- ii. Tighten the lock nut.

Torque:

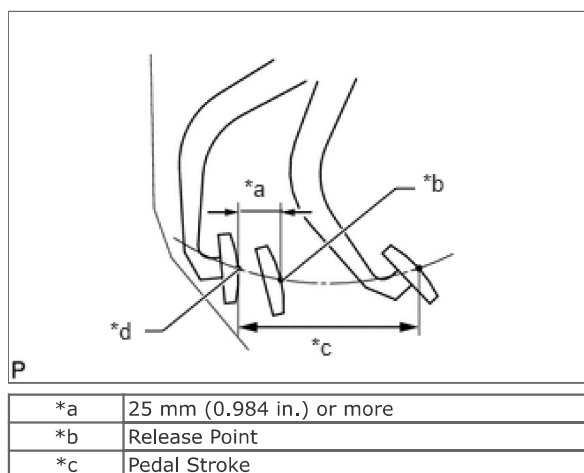
11.8 N*m (120 kgf*cm, 9 ft.*lbf)

- iii. After adjusting the pedal free play and push rod play, check the pedal height.

Standard pedal height from floor panel:

185 to 195 mm (7.29 to 7.67 in.)

e.



Check the clutch release point.

- i. Pull the parking brake lever and chock the wheels.
- ii. Start the engine and allow it to idle.
- iii. Without depressing the clutch pedal, slowly move the shift lever into the reverse position until the gears engage.
- iv. 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 from pedal stroke end position to release point:
25 mm (0.984 in.) or more.**

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

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