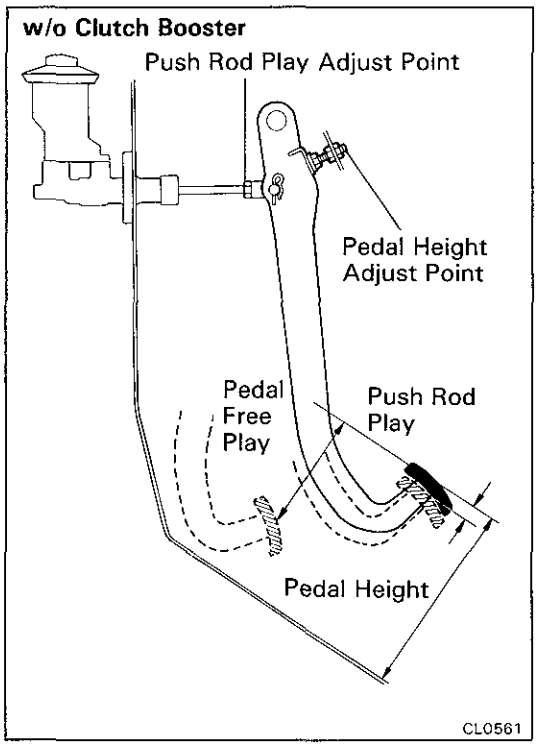
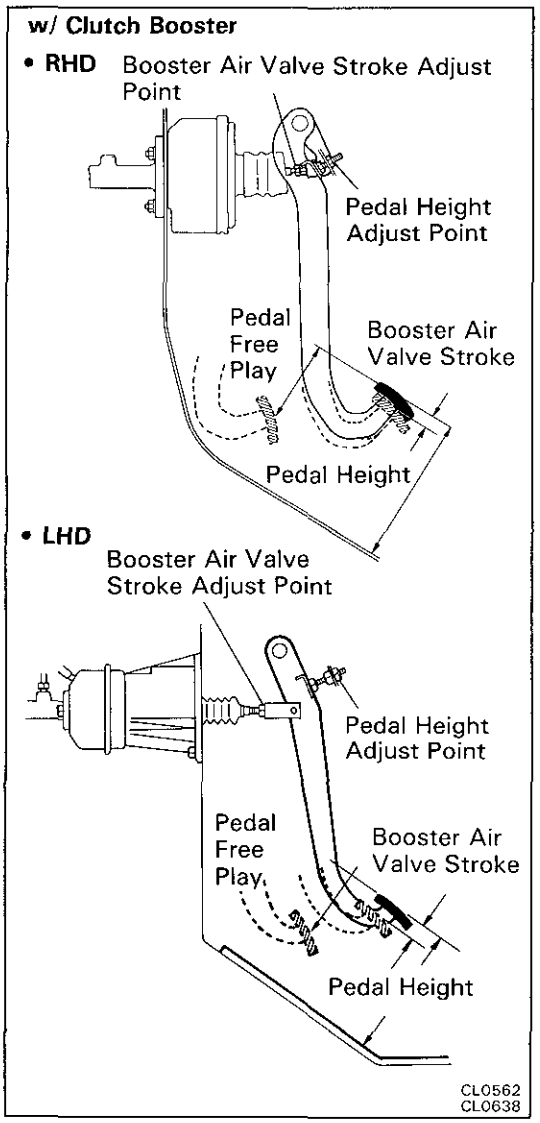




CHECK AND ADJUSTMENT OF CLUTCH PEDAL

1. CHECK THAT PEDAL HEIGHT IS CORRECT

Pedal height from dash panel: 186 mm (7.32 in.)

2. IF NECESSARY, ADJUST PEDAL HEIGHT

Loosen the lock nut and turn the stopper bolt until the *height is correct. Tighten the lock nut.*

HINT: After adjusting the pedal height, check and adjust the pedal free play and push rod play or booster air valve stroke.

3-1. (w/o Clutch Booster) CHECK THAT PEDAL FREEPLAY AND PUSH ROD PLAY ARE CORRECT

(Pedal Freeplay)

Push in on the pedal until the beginning of clutch resistance is felt.

Pedal freeplay: 13.0 — 23.0 mm (0.51 — 0.91 in.)

(Push rod play)

Push in on the pedal with a finger softly until the resistance *begins to increase a little.*

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

3-2. (w/ Clutch Booster) CHECK PEDAL FREEPLAY AND BOOSTER AIR VALVE STROKE

(Pedal Freeplay)

Push in on the pedal until the clutch begins to resist.

Pedal freeplay: 15.0 — 30.0 mm (0.59 — 1.18 in.)

(Booster Air Valve Stroke)

(a) Stop the engine and depress the clutch pedal several times until there is no vacuum left in the clutch booster.

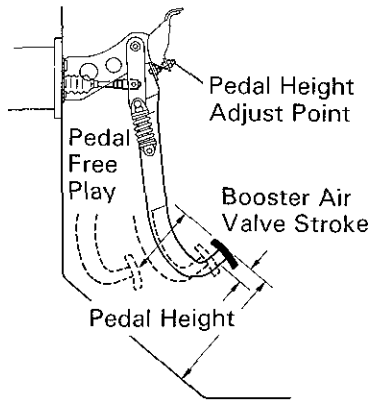
(b) Push in on the pedal with a finger softly until the resistance begins to increase a little.

Booster air valve stroke at pedal top: 5.0 — 9.0 mm (0.20 — 0.35 in.)

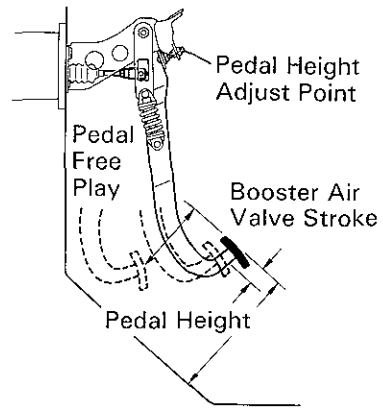
HINT: The booster air valve stroke is the amount of the stroke until the booster piston is moved by the booster air valve.

w/ Clutch Booster

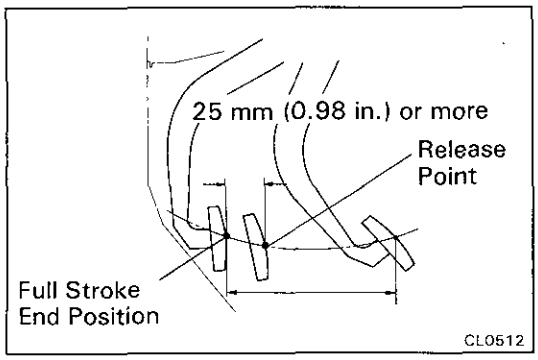
- **RHD** Booster Air Valve Stroke Adjust Point



- **LHD** Booster Air Valve Stroke Adjust Point



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4. IF NECESSARY, ADJUST PEDAL FREEPLAY AND PUSH ROD PLAY OR BOOSTER AIR VALVE STROKE

(a) Loosen the lock nut and turn the push rod until the freeplay and push rod play are correct.

(b) Tighten the lock nut.

(c) After adjusting the pedal freeplay, check the pedal height.

(d) Connect the air duct and install the lower finish panel.

5. INSPECT CLUTCH RELEASE POINT

(a) Pull the parking brake lever and install wheel stopper.

(b) Start the engine and idle the engine.

(c) Without depressing the clutch pedal, slowly shift lever into reverse position until the gears contact.

(d) Gradually depress the clutch pedal and measure the stroke distance from the point 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 position to release point)

If the distance not as specified, perform the following operation.

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