

CLUTCH PEDAL

CLUTCH PEDAL CHECK AND ADJUSTMENT

1. CHECK THAT PEDAL HEIGHT AND PUSH ROD PLAY ARE CORRECT

Pedal height from floor panel:

157.5 mm (6.201 in.)

Pedal height from asphalt sheet:

151.5 mm (5.965 in.)

Push rod play at pedal top:

1.0–5.0 mm (0.039–0.197 in.)

If incorrect, adjust the pedal height and push rod play.

2. IF NECESSARY, ADJUST PEDAL HEIGHT AND PUSH ROD PLAY

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

(b) Loosen the lock nut and turn the push rod until the push rod play is correct. Tighten the lock nut.

3. CHECK THAT PEDAL FREEPLAY IS CORRECT

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

Pedal freeplay:

5.0–15.0 mm (0.197–0.591 in.)

4. IF NECESSARY, ADJUST PEDAL FREEPLAY

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

(b) Tighten the lock nut.

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

5. CHECK 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 the shaft 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.

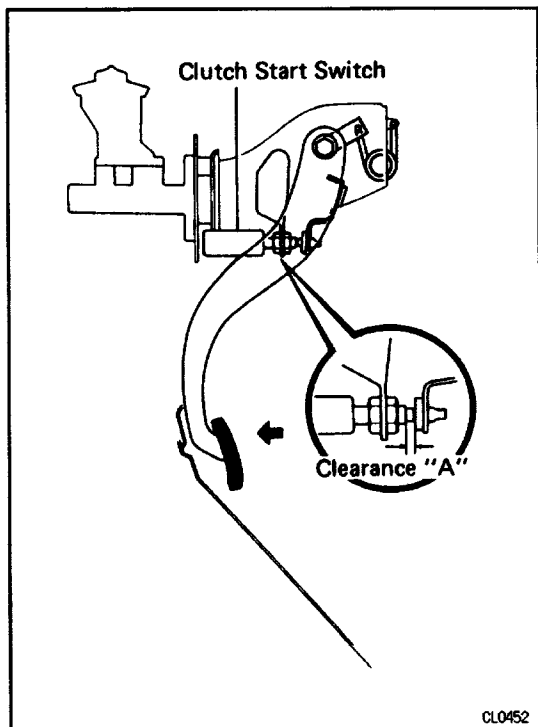
Standard distance:

25 mm (0.98 in.) or more

(From pedal stroke end position to release point)

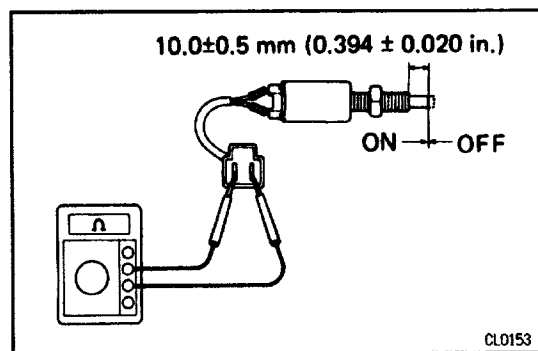
If the distance is not as specified, perform the following operation.

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



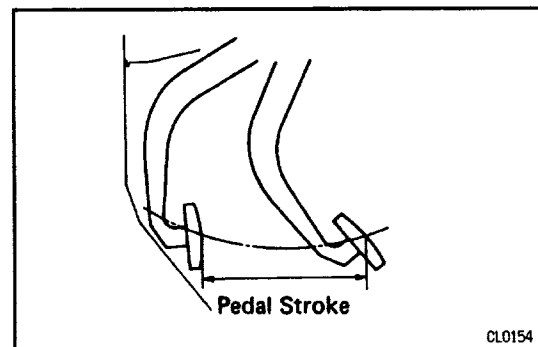
6. CHECK CLUTCH START SYSTEM

- Check that the engine does not start when the clutch pedal is released.
- Check that the engine starts when the clutch pedal is fully depressed.
- Check that clearance "A" is greater than 1 mm (0.04 in.) when the clutch is fully depressed.
If necessary, adjust or replace the clutch start switch.



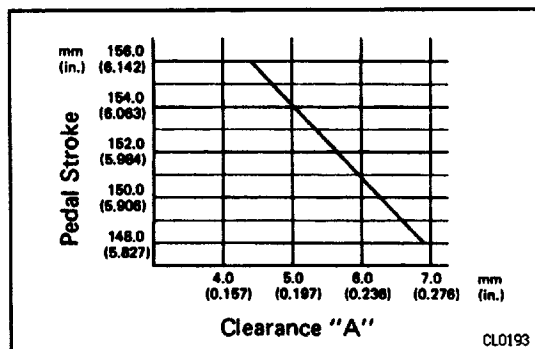
7. CHECK CONTINUITY OF CLUTCH START SWITCH

- Check that there is continuity between terminals when the switch is ON (pushed).
- Check that there is no continuity between terminals when the switch is OFF (free).
If continuity is not as specified, replace the switch.

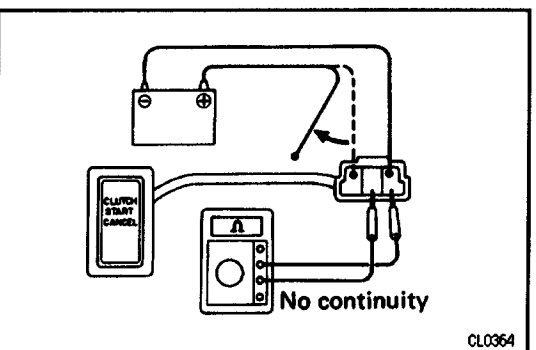
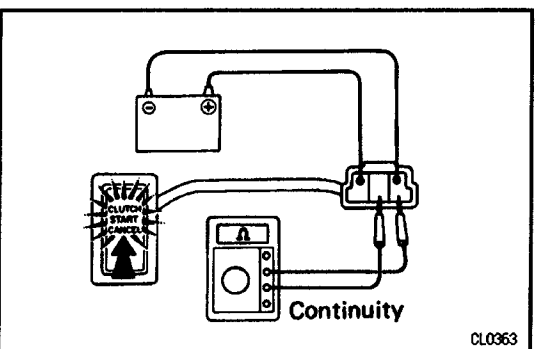
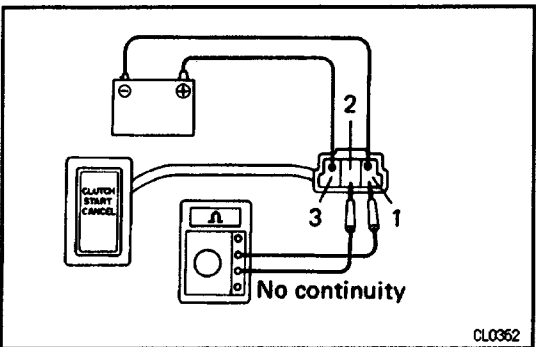
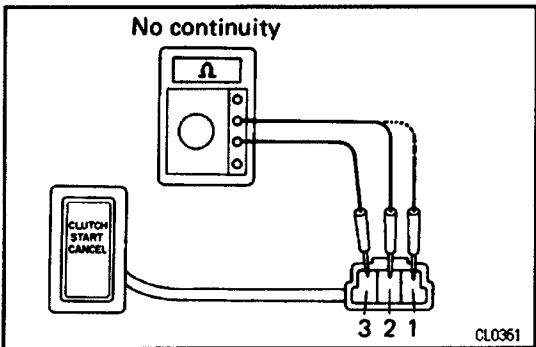
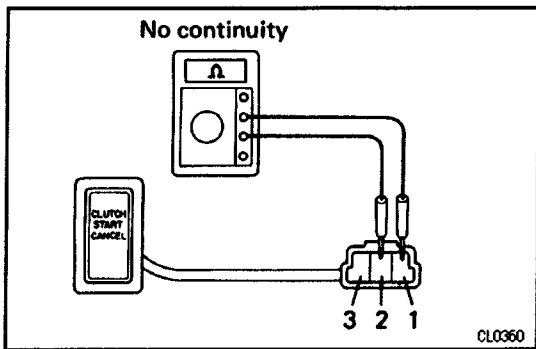


8. ADJUST CLUTCH START SWITCH

- Measure the pedal stroke, and check the switch clearance "A" using the chart left.
- Loosen and adjust the switch position.



- Recheck that the engine does not start when the clutch pedal is released.



9. CHECK CONTINUITY OF CLUTCH START CANCEL SWITCH

(a) Check that there is no continuity when connect the positive (+) lead from the ohmmeter to terminal 2 and the negative (-) lead to terminal 1.

(b) Check that there is no continuity when connect the positive (+) lead from the ohmmeter to terminal 3 and the negative (-) lead to terminal 1.

(c) Check that there is no continuity between terminals 2 and 3.

If continuity is not as specified, replace the clutch start cancel switch.

10. CHECK OPERATION OF CLUTCH START CANCEL SWITCH

(a) Connect positive (+) lead from the battery to terminal 3 and connect negative (-) lead to terminal 1.

(b) Check that there is no continuity when connect the positive (+) lead from the ohmmeter to terminal 2 and the negative (-) lead to terminal 1.

(c) When pushing the switch, check that the indicator light comes on and there is continuity between terminal 1 and 2.

(d) Check that there is no continuity between terminals 1 and 2 when disconnect the battery lead. If operation is not as specified, replace the clutch start cancel switch.