

Clutch Switch

CLUTCH SYSTEM

11. Clutch Switch

A: REMOVAL

- 1) Disconnect the ground cable from the battery.
- 2) Remove the instrument panel lower cover.
- 3) Disconnect the connector from the clutch switch.
- 4) Remove the clutch switches.

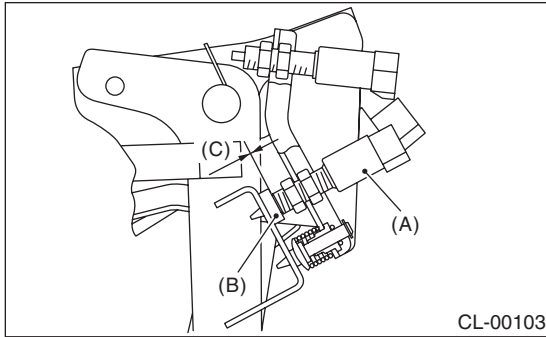
B: INSTALLATION

1. CLUTCH SWITCH

- 1) Install so that the gap between the clutch switch and clutch pedal stopper is 0 mm (0 in).

Tightening torque:

8 N·m (0.8 kgf·m, 5.8 ft·lb)



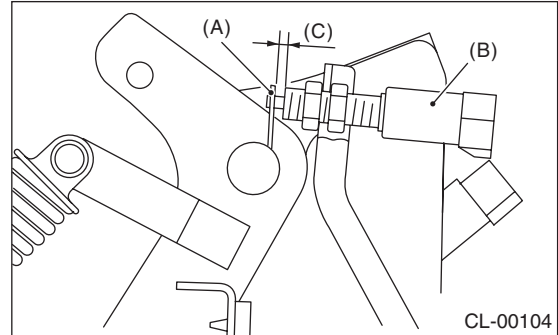
- (A) Clutch switch
- (B) Stopper
- (C) 0 mm (0 in)

2. CLUTCH SWITCH (CLUTCH START)

- 1) Fully depress the clutch and hold it.
- 2) Set the clearance of clutch pedal plate and clutch switch to 3 — 3.5 mm (0.12 — 0.14 in) and tighten the lock nut.

Tightening torque:

8 N·m (0.8 kgf·m, 5.8 ft·lb)



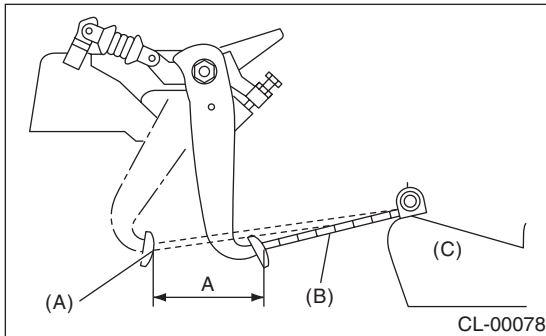
- (A) Plate
- (B) Clutch switch
- (C) 3 — 3.5 mm (0.12 — 0.14 in)

- 3) Connect the clutch switch connector.
- 4) Make sure that engine does not start with clutch pedal not depressed.
- 5) Make sure that engine starts with clutch pedal fully depressed.

- 2) Measure the stroke of the clutch pedal.

Clutch pedal standard full stroke: A

130 — 135 mm (5.12 — 5.31 in)



- (A) Clutch pedal (Full stroke condition)
- (B) Scale
- (C) Seat

- 3) If the clutch pedal stroke is out of specification, adjust the stroke. <Ref. to CL-26, ADJUSTMENT, Clutch Pedal.>

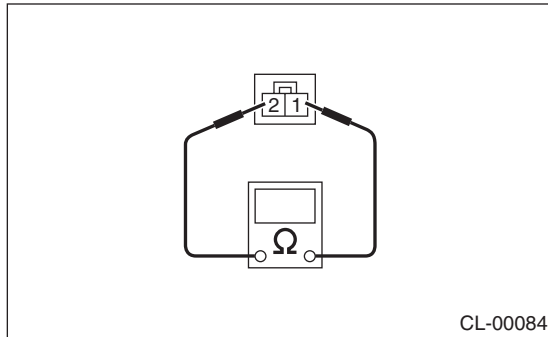
- 4) Connect the clutch switch connector.

C: INSPECTION

- 1) Make sure that engine does not start with clutch pedal not depressed. Inspect the adjustment of clutch switch and check the clutch start circuit when the engine starts.
- 2) Make sure that engine starts with clutch pedal fully depressed. Inspect the adjustment of clutch switch and check the clutch start circuit when the engine does not start.
- 3) Check the clutch switch for continuity. If the resistance is not at the standard value, replace the switch.

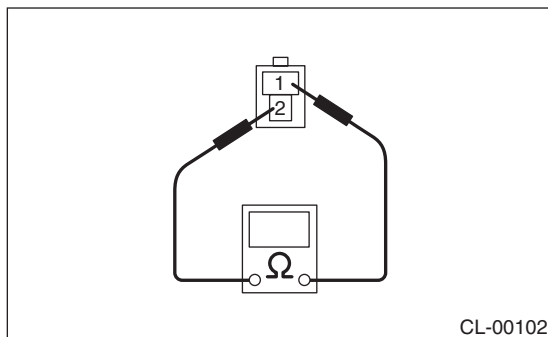
- (1) Disconnect the clutch switch connector.
- (2) Measure the resistance between terminal 1 and 2 of the switch.
 - Clutch switch

| Condition | Terminal No. | Specified resistance |
|--|---------------|----------------------|
| When clutch pedal is depressed | No. 1 — No. 2 | 1 MΩ or more |
| When the clutch pedal is not depressed | No. 1 — No. 2 | Less than 1 Ω |



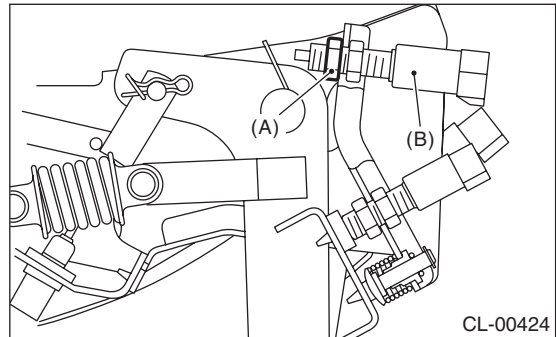
- Clutch switch (Clutch start)

| Condition | Terminal No. | Specified resistance |
|--|----------------|----------------------|
| When clutch pedal is depressed | No. 1 — No. 2: | Less than 1 Ω |
| When the clutch pedal is not depressed | No. 1 — No. 2: | 1 MΩ or more |



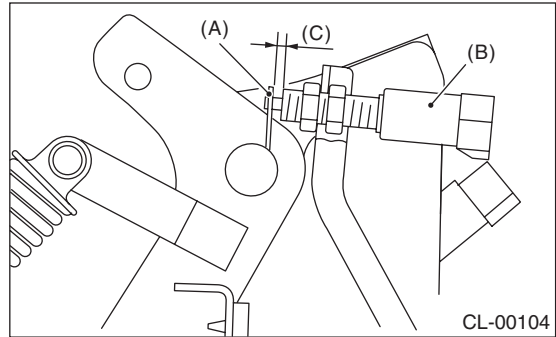
D: ADJUSTMENT

- 1) Loosen the lock nut of clutch switch (clutch start).



- (A) Lock nut
- (B) Clutch switch (Clutch start)

- 2) Fully depress the clutch and hold it.
- 3) Adjust the gap of the clutch pedal plate and the clutch switch to be 3 — 3.5 mm (0.12 — 0.14 in).



- (A) Plate
- (B) Clutch switch (Clutch start)
- (C) 3 — 3.5 mm (0.12 — 0.14 in)

- 4) Tighten the lock nut.

Tightening torque:
8 N·m (0.8 kgf·m, 5.8 ft·lb)