

### 11.Clutch Switch

#### A: REMOVAL

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

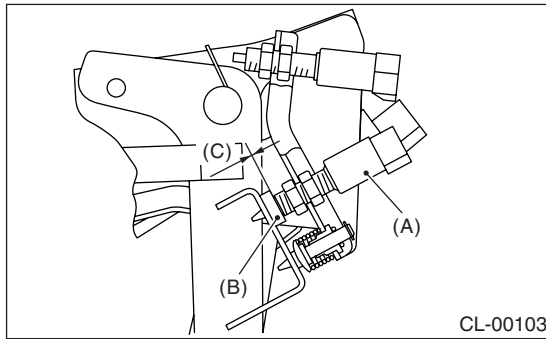
#### B: INSTALLATION

##### 1. CLUTCH SWITCH

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

##### **Tightening torque:**

**8 N·m (0.8 kgf-m, 5.8 ft-lb)**

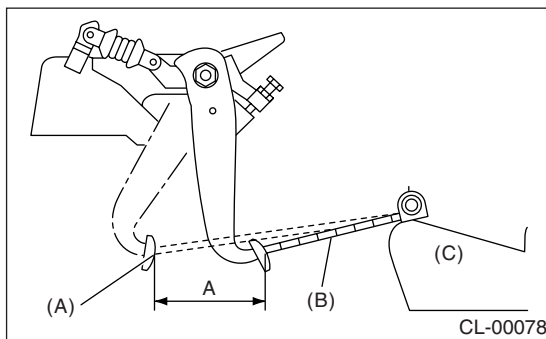


- (A) Clutch switch
- (B) Stopper
- (C) 0 mm (0 in)

- 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)
- (B) Scale
- (C) Seats

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

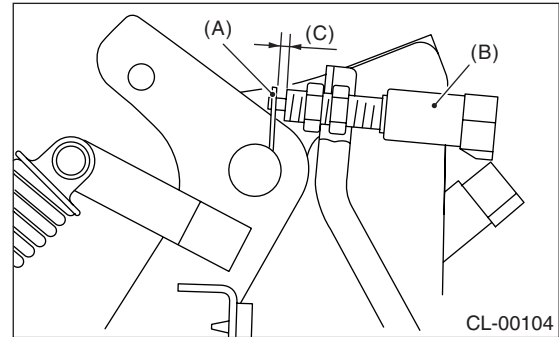
- 4) Connect the clutch switch connector.

##### 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.

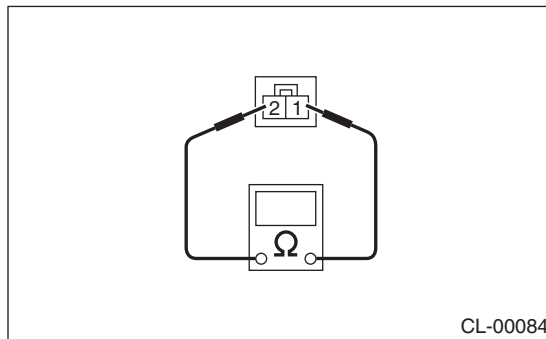
### C: INSPECTION

- 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.

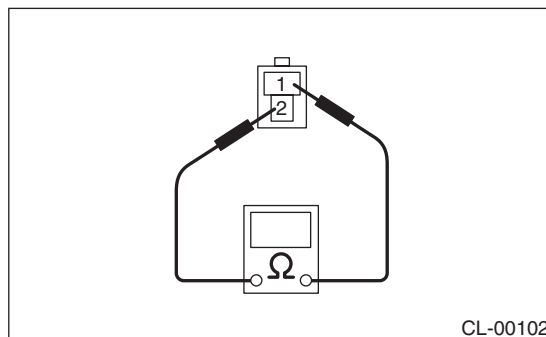
#### • Clutch switch

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



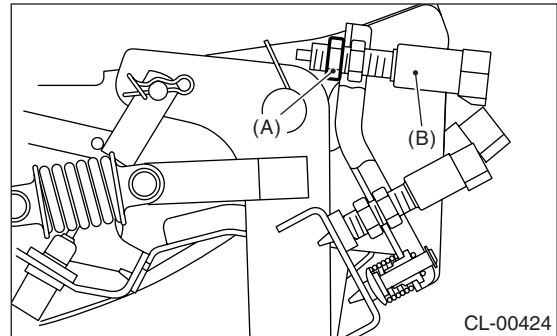
#### • Clutch switch (Clutch start)

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



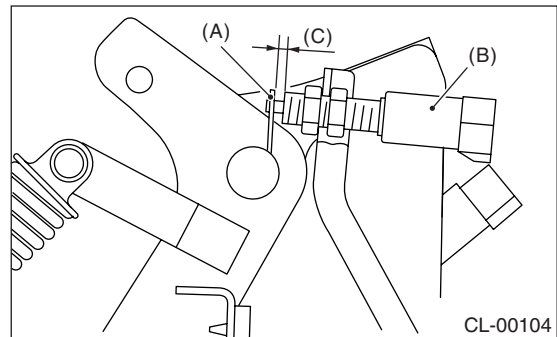
### D: ADJUSTMENT

- 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)**