

## 11. Clutch Switch

### A: REMOVAL

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

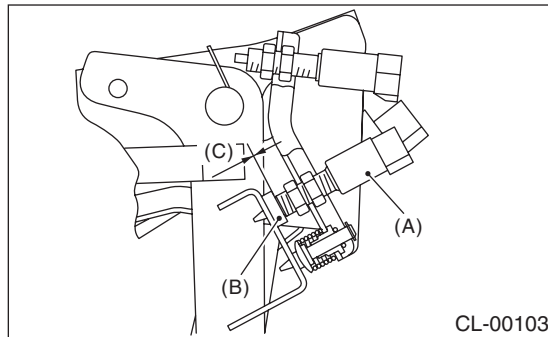
### B: INSTALLATION

#### 1. CLUTCH SWITCH (WITH CRUISE CONTROL)

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

**Tightening torque:**

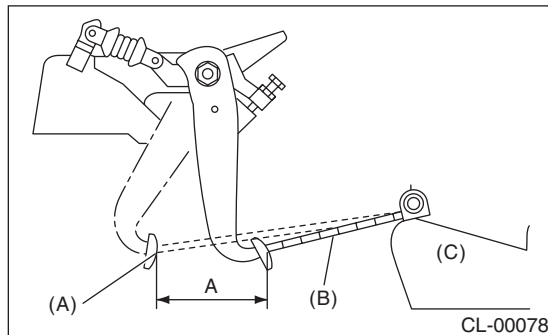
**8 N·m (0.8 kgf-m, 5.8 ft-lb)**



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

- 2) Measure the stroke of the clutch pedal.

**Clutch pedal standard full stroke: A**  
**5MT non-turbo model and 6MT model**  
**130 — 135 mm (5.12 — 5.31 in)**  
**5MT turbo model**  
**135 — 140 mm (5.31 — 5.51 in)**



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

- 3) If the clutch pedal stroke is out of specification, adjust the stroke. <Ref. to CL-32, ADJUSTMENT, Clutch Pedal.>

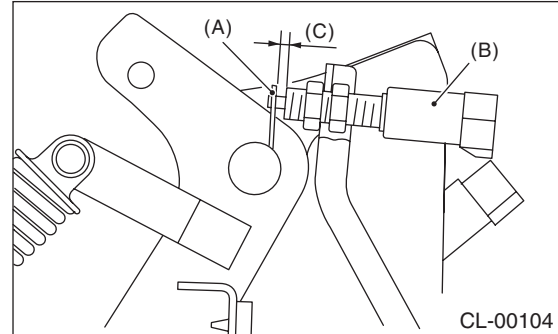
- 4) Connect the clutch switch connector.

#### 2. CLUTCH SWITCH (CLUTCH START)

- 1) Fully depress the clutch and hold it.
- 2) Install the clutch pedal plate and clutch pedal so that the gap between them is 2 — 2.5 mm (0.08 — 0.10 in), and then tighten the lock nut.

**Tightening torque:**

**8 N·m (0.8 kgf-m, 5.8 ft-lb)**



- (A) Plate  
(B) Clutch pedal  
(C) 2 — 2.5 mm (0.08 — 0.10 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

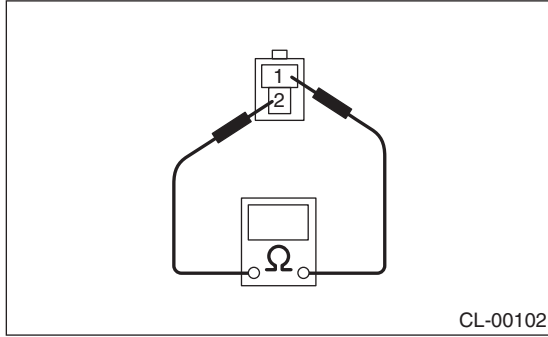
- 1) Make sure that engine does not start with clutch pedal not depressed. If the engine starts, adjust the clutch switch and inspect the starter interlock circuit.
- 2) Make sure that engine starts with clutch pedal fully depressed. If the engine does not start, adjust the clutch switch and inspect the starter interlock circuit.
- 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.

Condition	Terminal No.	Specified resistance
When clutch pedal is depressed	1 and 2	Less than 1 Ω
When the clutch pedal is depressed.	1 and 2	1 MΩ or more

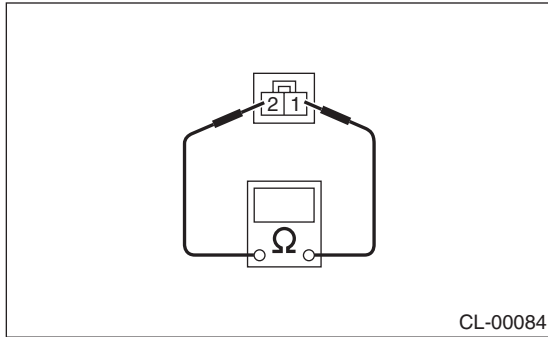
# Clutch Switch

## CLUTCH SYSTEM

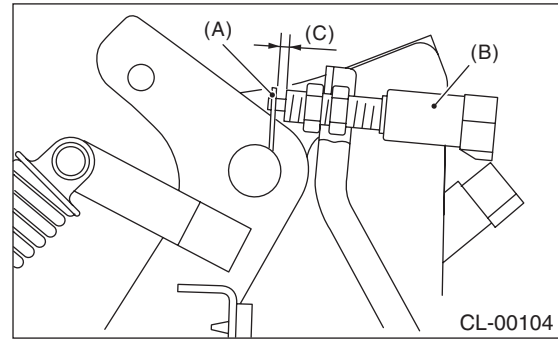
### Clutch switch (Clutch start)



### Clutch switch (Cruise control)



3) Adjust the gap of the clutch pedal plate and the clutch switch to be 2 — 2.5 mm (0.08 — 0.10 in).



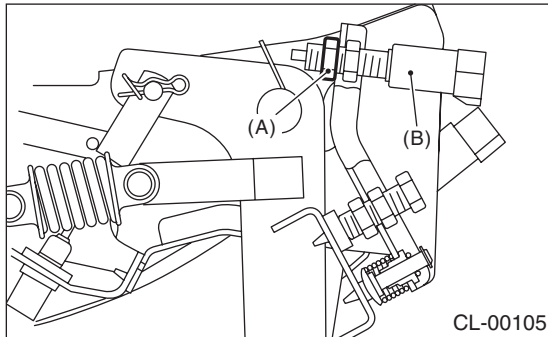
- (A) Plate
- (B) Clutch switch (Clutch start)
- (C) 2 — 2.5 mm (0.08 — 0.10 in)

4) Tighten the lock nut.

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

## 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.