

## CLUTCH SWITCH

CLUTCH SYSTEM

### 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 switch.

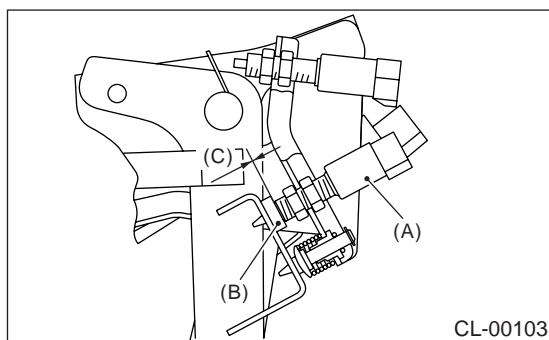
#### B: INSTALLATION

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

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

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

**8 N·m (0.8 kgf·m, 5.8 ft·lb)**

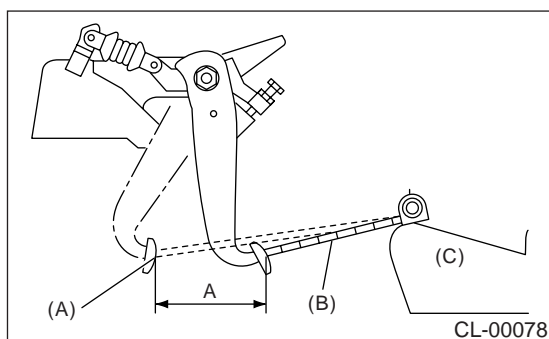


- (A) Clutch switch  
(B) Stopper  
(C) 0 mm (0 in)

- 2) Measure stroke of clutch pedal.

##### **Specified clutch pedal full stroke: A**

**130 — 135 mm (5.12 — 5.31 in)**



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

- 3) If the clutch pedal stroke is out of specification, adjust the stroke. <Ref. to CL-22, ADJUSTMENT, Clutch Pedal.>

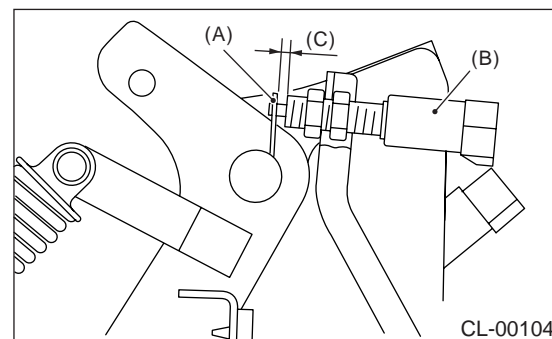
- 4) Connect clutch switch connector.

##### 2. CLUTCH SWITCH (STARTER INTER-LOCK)

- 1) Fully depress the clutch pedal.
- 2) Install the clutch pedal plate and clutch pedal so that the gap between them is 3 — 3.5 mm (0.12 — 0.14 in), and then tighten the lock nut.

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

**8 N·m (0.8 kgf·m, 13.0 ft·lb)**



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

- 3) Connect the clutch switch connector.
- 4) Confirm that the engine does not start when the clutch pedal is released.
- 5) Confirm that the engine starts when the clutch pedal is fully depressed.

### CL-25

## CLUTCH SWITCH

### CLUTCH SYSTEM

#### C: INSPECTION

- 1) Confirm that the engine does not start when the clutch pedal is released. If the engine starts, adjust the clutch switch and inspect the starter interlock circuit.
- 2) Confirm that the engine starts when the clutch pedal is fully depressed. If the engine does not start, adjust the clutch switch and inspect the starter interlock circuit.
- 3) Check the clutch switch continuity. If continuity is not as specified, replace the switch.
  - (1) Disconnect the clutch switch connector.
  - (2) Measure the resistance between 1 and 2 of switch terminal.

#### Terminals/Specified resistance

**When clutch pedal depressed:**

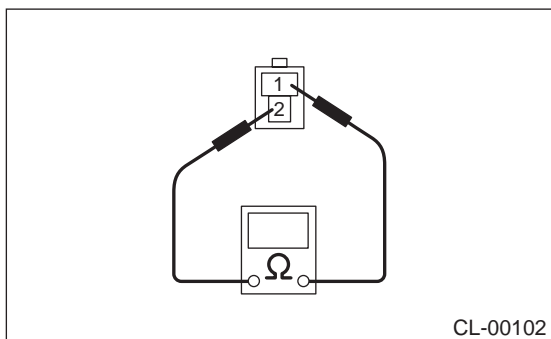
**1 — 2/ Less than 1  $\Omega$**

#### Terminals/Specified resistance

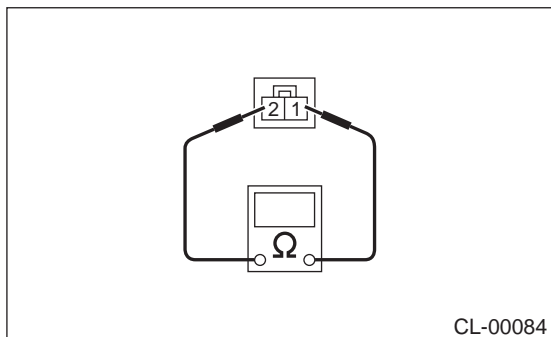
**When clutch pedal not depressed:**

**1 — 2/ More than 1 M  $\Omega$**

Clutch switch (Starter interlock)

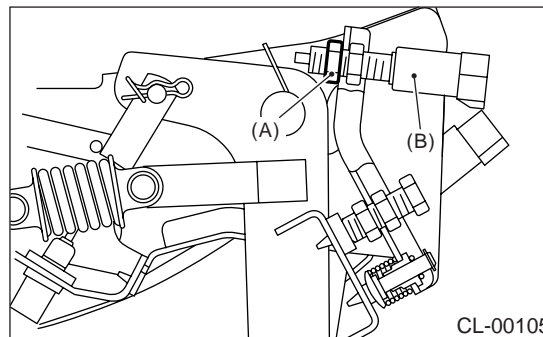


Clutch switch (With cruise control)



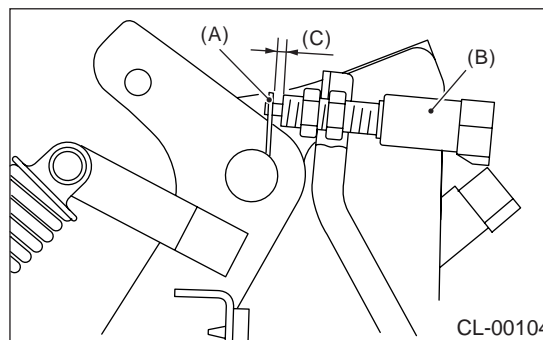
#### D: ADJUSTMENT

- 1) Loosen the clutch switch mounting lock nut (Starter interlock).



- (A) Lock nut  
(B) Clutch switch (Starter interlock)

- 2) Fully depress the clutch pedal.
- 3) Adjust the clutch pedal plate and clutch switch so that the gap between them is 3 — 3.5 mm (0.12 — 0.14 in).



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

- 4) Tighten the lock nut.

**Tightening torque (Clutch stopper nut):**  
**8 N·m (0.8 kgf·m, 13.0 ft·lb)**