

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.

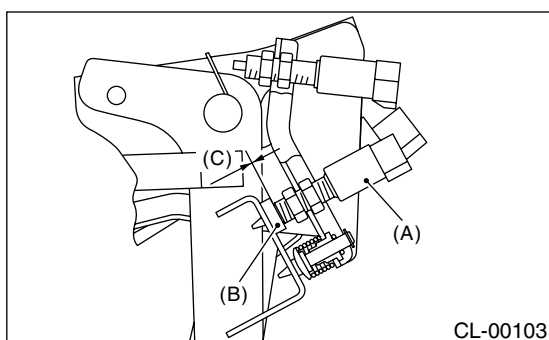
B: INSTALLATION

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)

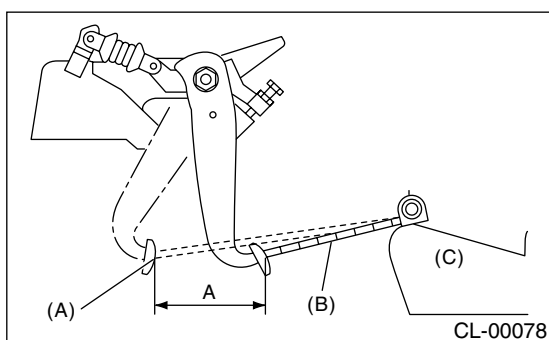


- (A) Clutch switch
- (B) Stopper
- (C) 0 mm (0 in)

- 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-29, ADJUSTMENT, Clutch Pedal.>

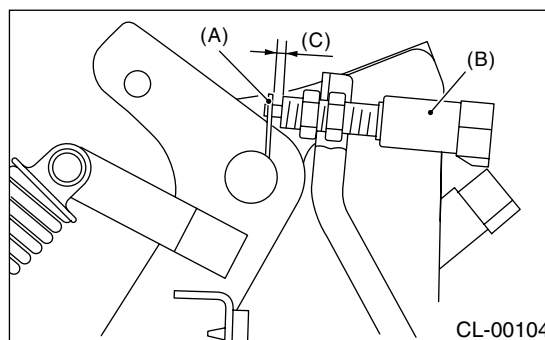
- 4) Connect clutch switch connector.

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.

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:

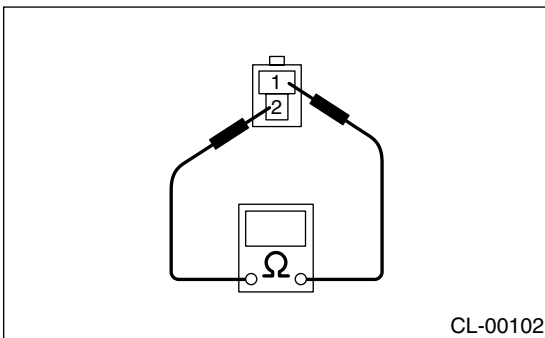
1 — 2/Less than 1 Ω

Terminals/Specified resistance

When clutch pedal not depressed:

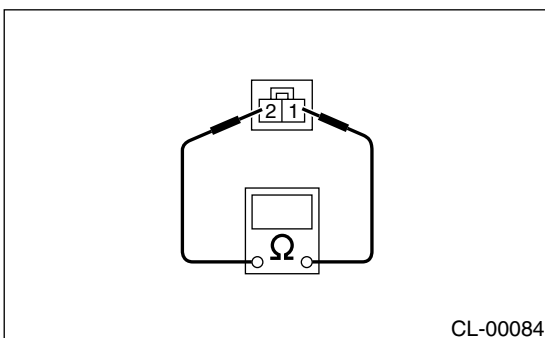
1 — 2/More than 1 M Ω

Clutch switch (Starter interlock)



CL-00102

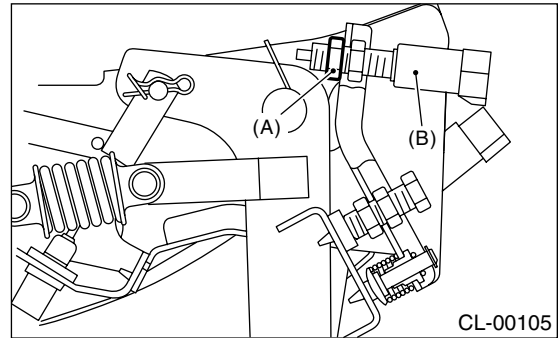
Clutch switch (Cruise control)



CL-00084

D: ADJUSTMENT

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



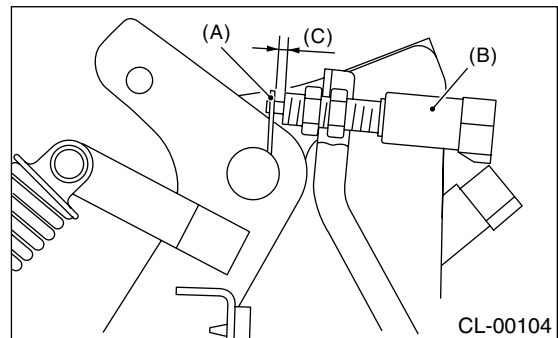
CL-00105

(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).



CL-00104

(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)