11.Clutch Switch

A: REMOVAL

1) Disconnect the ground cable from battery.
2) Remove the instrument panel lower cover. <Ref. to EI-63, REMOVAL, Instrument Panel Lower Cover.>
3) Disconnect the connector from clutch switch.
4) Remove the clutch switches.

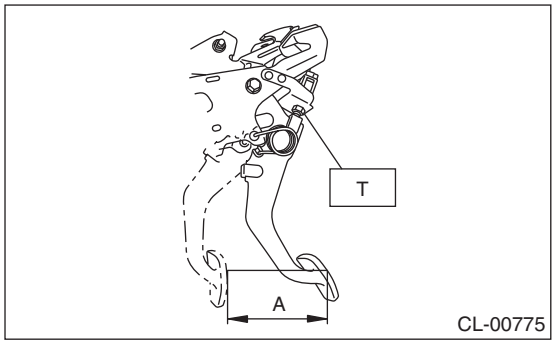
B: INSTALLATION

1. CLUTCH SWITCH

1) Move the clevis pin of push rod to left and right, retain it at the position where it moves smoothly, and measure the clutch pedal stroke.

Clutch pedal full stroke A:
130 — 135 mm (5.12 — 5.31 in) (non-turbo model)
135 — 140 mm (5.31 — 5.51 in) (turbo model)

Tightening torque:
T: 8 N·m (0.8 kgf-m, 5.9 ft-lb)

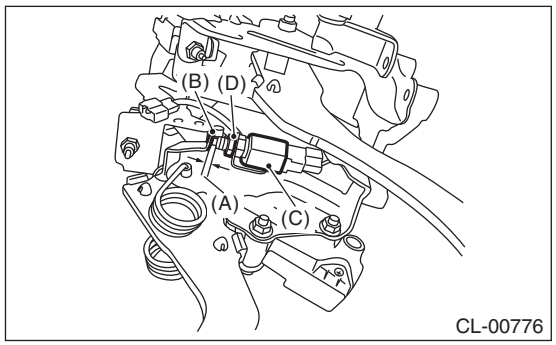


2) If the clutch pedal stroke is out of specification, adjust the stroke. <Ref. to CL-29, ADJUSTMENT, Clutch Pedal.>
3) Connect the connector to the clutch switch.

2. CLUTCH START SWITCH

1) Fully depress the clutch pedal and hold it.
2) Install so that gap (A) of the clutch pedal plate and clutch start switch is 2.9 mm (0.11 in), and tighten the lock nut.

Tightening torque:
8 N·m (0.8 kgf-m, 5.9 ft-lb)



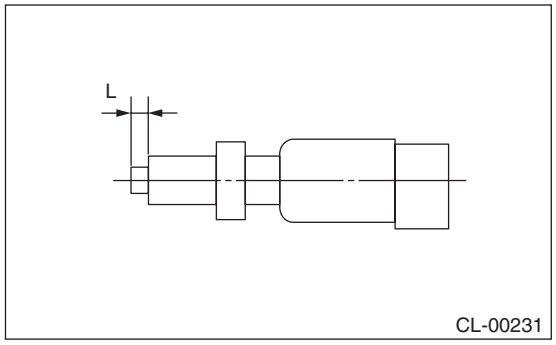
(A) 2.9 mm (0.11 in)
(B) Clutch pedal plate
(C) Clutch start switch
(D) Lock nut

3) Connect the connector to the clutch start switch.
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) If the clutch start switch does not operate properly (or it does not stop at the specified position), replace it with a new part.

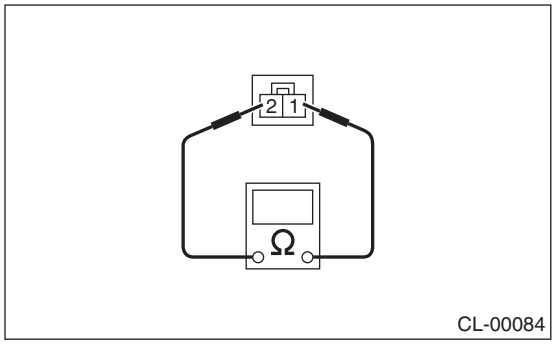
Specified position L:
$4^{+1.5}_{0}$ mm ($0.157^{+0.059}_{0}$ in)



2) Check the clutch switch for continuity. If the continuity is not at the standard value, replace the switch.
(1) Disconnect the connector from clutch switch.
(2) Measure the resistance between terminal 1 and 2 of the switch.

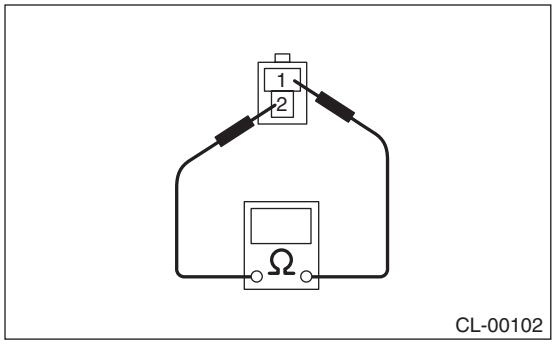
- Clutch switch

Condition	Terminal No.	Specified resistance
When clutch pedal is depressed	No. 1 — No. 2	1 MΩ or more
Except when clutch pedal is depressed	No. 1 — No. 2	Less than 1 Ω



- Clutch start switch

Condition	Terminal No.	Specified resistance
When clutch pedal is depressed	No. 1 — No. 2	Less than 1 Ω
Except when clutch pedal is depressed	No. 1 — No. 2	1 MΩ or more



(3) Connect the connector to the clutch switch.

3) Make sure that engine does not start with clutch pedal not depressed. If the engine starts, adjust the clutch switch and inspect the clutch start circuit.

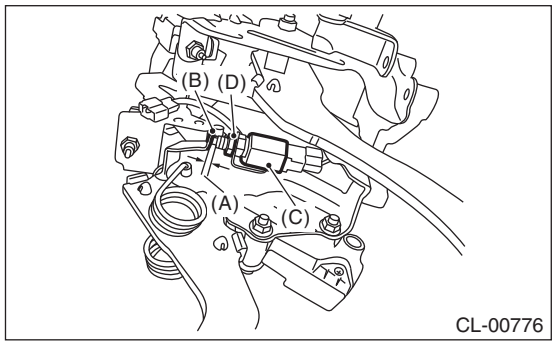
4) Make sure that engine starts with clutch pedal fully depressed. If the engine does not start, adjust the clutch switch and inspect the clutch start circuit.

D: ADJUSTMENT

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

2) Fully depress the clutch pedal and hold it.

3) Adjust the gap (A) of the clutch pedal plate and the clutch start switch to be 2.9 mm (0.11 in).



(A) 2.9 mm (0.11 in)
(B) Clutch pedal plate
(C) Clutch start switch
(D) Lock nut

4) Tighten the lock nut.

Tightening torque:
8 N·m (0.8 kgf-m, 5.9 ft-lb)