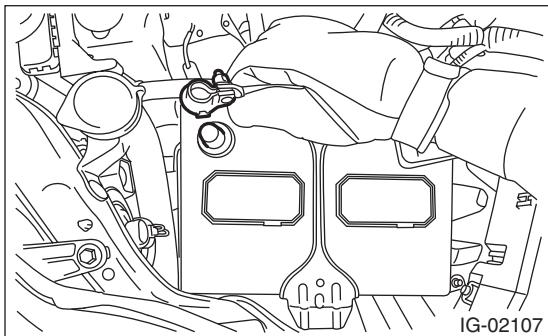


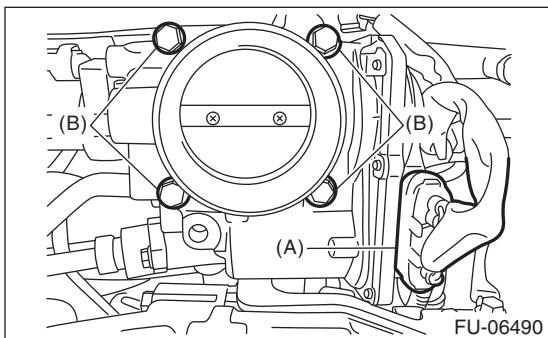
## 2. Throttle Body

### A: REMOVAL

1) Disconnect the ground cable from battery.



- 2) Remove the air intake boot assembly. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Boot.>
- 3) Disconnect the throttle position sensor connector (A).
- 4) Remove the bolts (B) which secure the throttle body to the multi-function duct assembly, and remove the throttle body.



### B: INSTALLATION

Install in the reverse order of removal.

NOTE:

Use a new gasket.

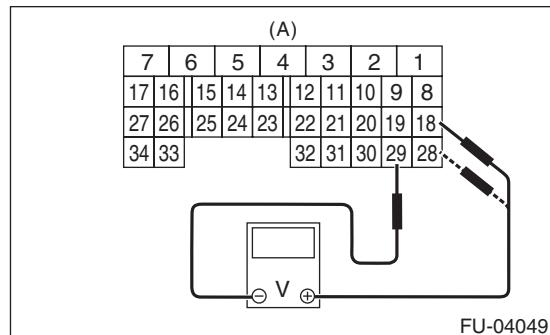
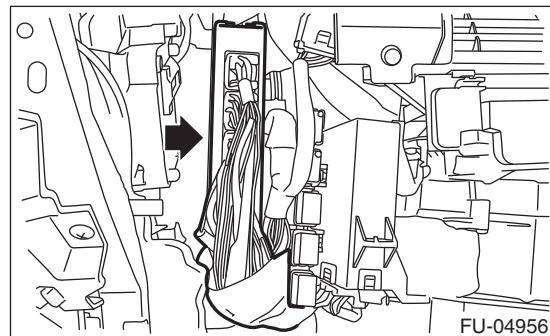
**Tightening torque:**

**8 N·m (0.8 kgf·m, 5.9 ft-lb)**

### C: INSPECTION

#### 1. THROTTLE SENSOR (METHOD WITH CIRCUIT TESTER)

- 1) Remove the glove box lid assembly, glove box lower cover, instrument panel side cover LH and glove box back panel. <Ref. to EI-65, REMOVAL, Glove Box.>
- 2) Turn the ignition switch to ON. (engine OFF)
- 3) Measure the voltage between ECM connector terminals.



(A) To ECM connector

Throttle sensor	Accelerator pedal	Terminal No.	Standard
Main	Not depressed (Full closed)	18 (+) and 29 (-)	Approx. 0.6 V
	Depressed (Full opened)		Approx. 3.96 V
Sub	Not depressed (Full closed)	28 (+) and 29 (-)	Approx. 1.48 V
	Depressed (Full opened)		Approx. 4.17 V

- 4) After inspection, install the related parts in the reverse order of removal.

### 2. THROTTLE SENSOR (METHOD WITH SUBARU SELECT MONITOR)

- 1) Turn the ignition switch to ON. (engine OFF)
- 2) Read the throttle opening angle signal and voltage of throttle sensor using Subaru Select Monitor.  
<Ref. to EN(H4SO)(diag)-34, READ CURRENT DATA FOR ENGINE (NORMAL MODE), OPERATION, Subaru Select Monitor.>

Throttle sensor	Throttle opening angle signal	Standard
Main	0.0 %	Approx. 0.6 V
	100.0 %	Approx. 3.96 V
Sub	0.0 %	Approx. 1.48 V
	100.0 %	Approx. 4.17 V

### 3. OTHER INSPECTIONS

- 1) Check that the throttle body has no deformation, cracks or other damages.
- 2) Check that the engine coolant hose has no cracks, damage or loose part.