

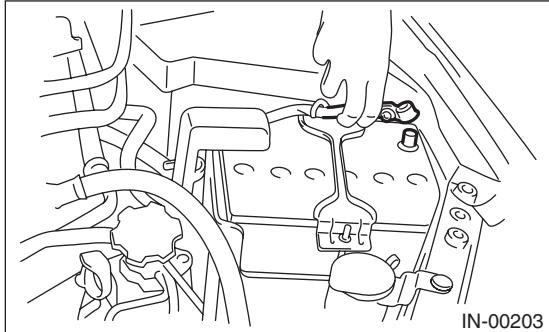
# Mass Air Flow and Intake Air Temperature Sensor

## FUEL INJECTION (FUEL SYSTEMS)

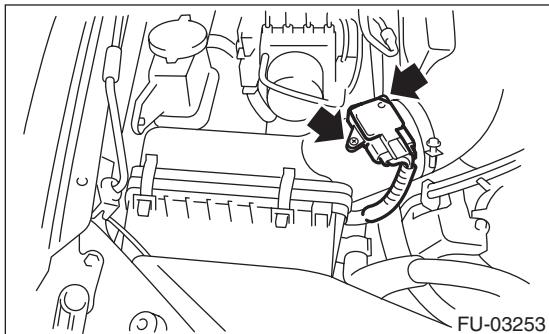
### 10. Mass Air Flow and Intake Air Temperature Sensor

#### A: REMOVAL

- 1) Disconnect the ground cable from battery.



- 2) Disconnect the connector from the mass air flow and intake air temperature sensor, and remove the mass air flow and intake air temperature sensor.



#### B: INSTALLATION

Install in the reverse order of removal.

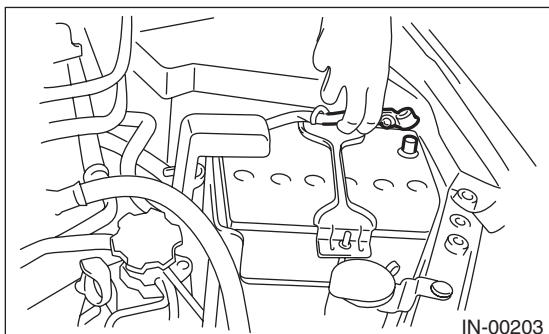
##### Tightening torque:

1 N·m (0.1 kgf·m, 0.7 ft-lb)

#### C: INSPECTION

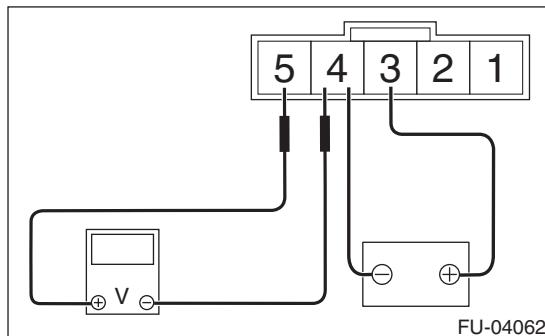
##### 1. CHECK THE MASS AIR FLOW SENSOR UNIT

- 1) Disconnect the ground cable from battery.

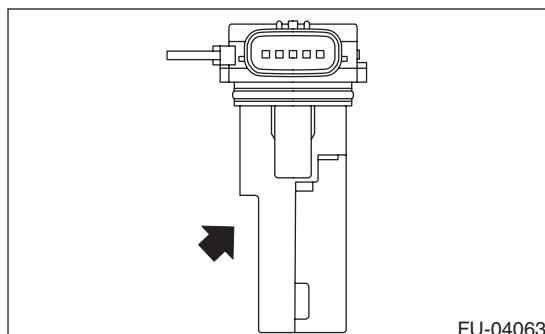


- 2) Remove the mass air flow and intake air temperature sensor. <Ref. to FU(H4SO)-34, REMOVAL, Mass Air Flow and Intake Air Temperature Sensor.>

- 3) Connect terminal No. 3 to the battery positive terminal and terminal No. 4 to the battery ground terminal, terminal No. 5 to the circuit tester positive terminal and No. 4 to the circuit tester ground terminal.

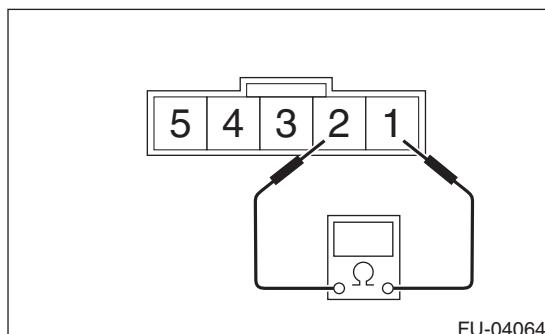


- 4) Check that the voltage changes when air is blown to the mass air flow sensor unit from arrow direction.



##### 2. CHECK THE INTAKE AIR TEMPERATURE SENSOR UNIT

Measure the resistance between intake air temperature sensor terminals.



Temperature	Terminal No.	Standard
-20°C (-4°F)	1 and 2	16.0 ±2.4 kΩ
20°C (68°F)		2.45 ±0.24 kΩ
60°C (140°F)		0.580 ±0.087 kΩ

##### 3. OTHER INSPECTIONS

Check the mass air flow and intake air temperature sensor for damage or dirt.