

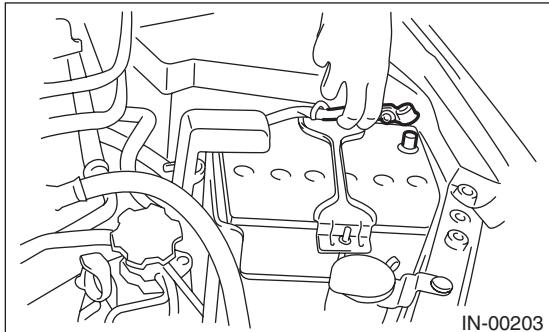
Mass Air Flow and Intake Air Temperature Sensor

FUEL INJECTION (FUEL SYSTEMS)

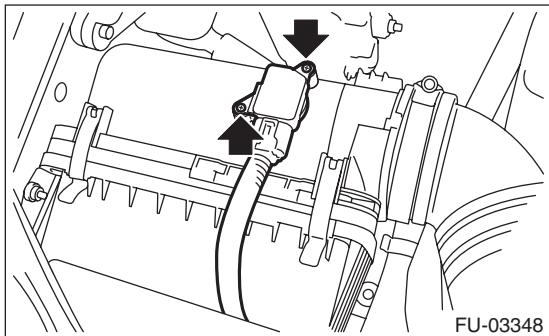
9. Mass Air Flow and Intake Air Temperature Sensor

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.

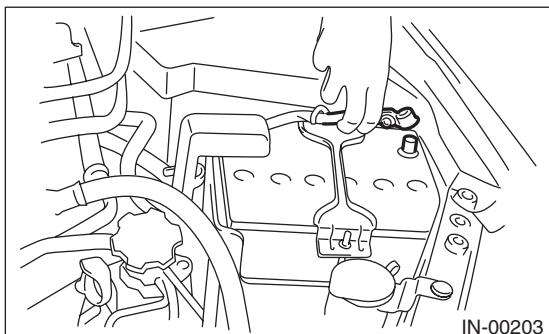
Tightening torque:

1 N·m (0.1 kgf·m, 0.7 ft-lb)

C: INSPECTION

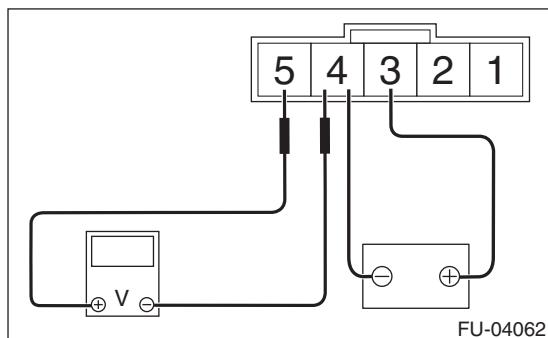
1. CHECK THE MASS AIR FLOW SENSOR UNIT

- 1) Disconnect the ground cable from battery.

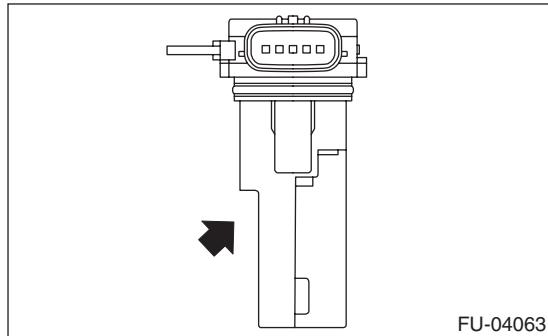


- 2) Remove the mass air flow and intake air temperature sensor. <Ref. to FU(H4DOTC)-38, REMOVAL, Mass Air Flow and Intake Air Temperature Sensor.>

- 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.

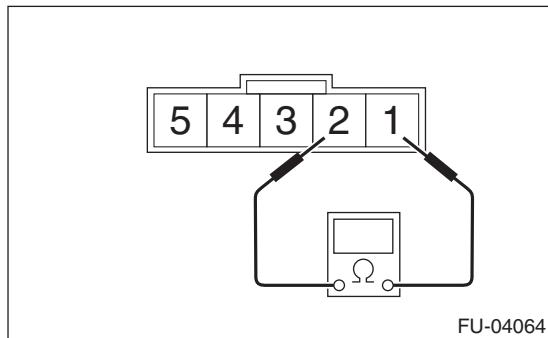


- 4) Check the voltage changes when air is blown to the mass air flow sensor unit in arrow direction.



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)		16.0 ±2.4 kΩ
20°C (68°F)	1 and 2	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.