

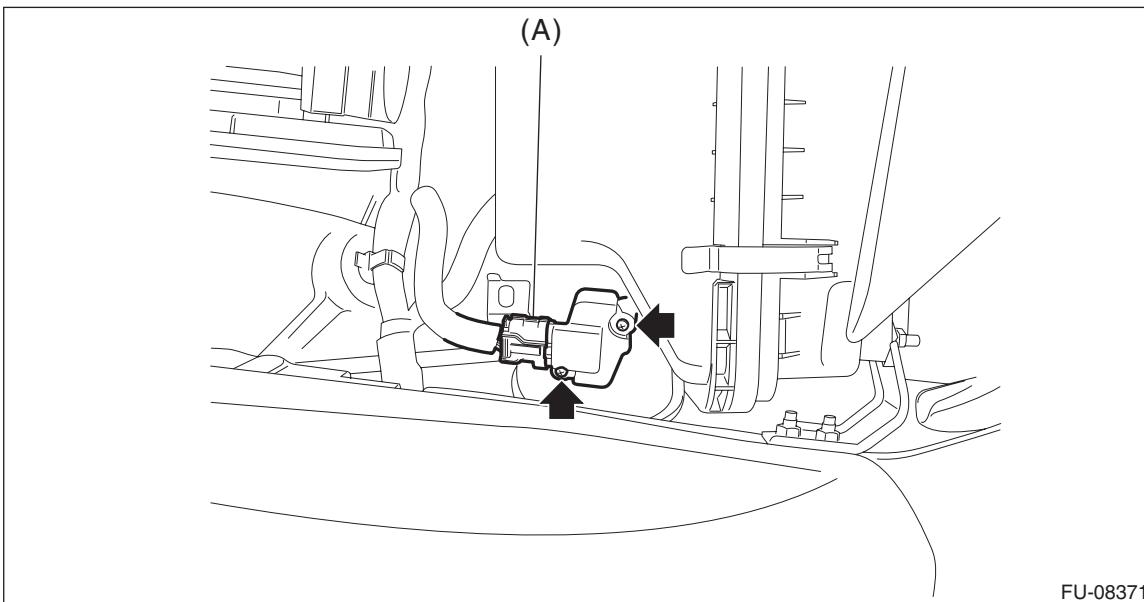
Mass Air Flow and Intake Air Temperature Sensor

FUEL INJECTION (FUEL SYSTEMS)

19. Mass Air Flow and Intake Air Temperature Sensor

A: REMOVAL

- 1) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Disconnect the connector (A) 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.

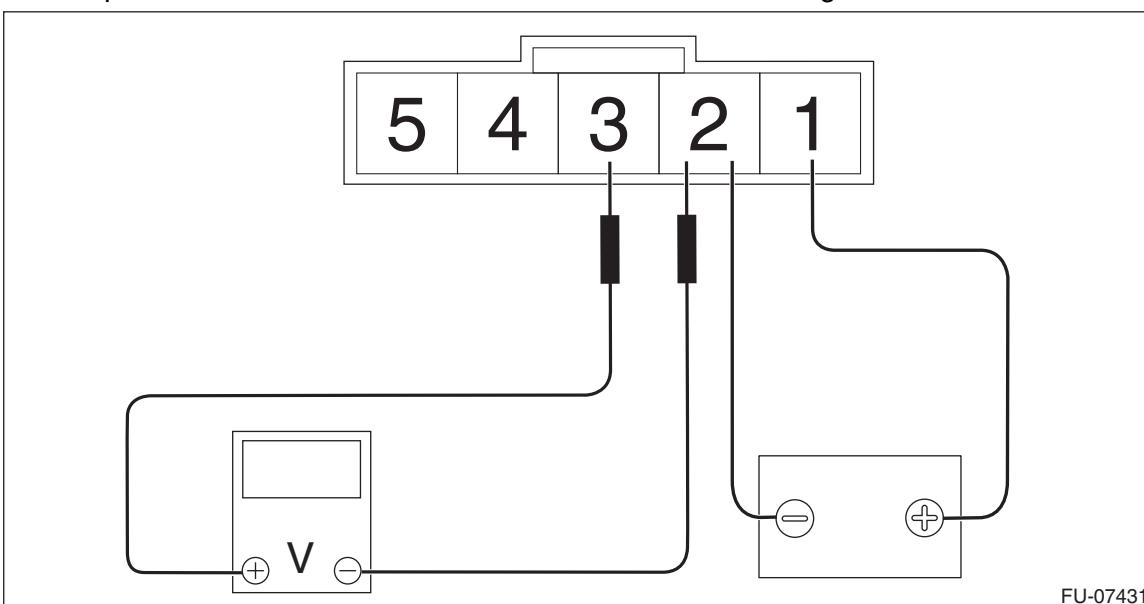
Tightening torque:

1 N·m (0.1 kgf·m, 0.7 ft-lb)

C: INSPECTION

1. CHECK THE MASS AIR FLOW SENSOR UNIT

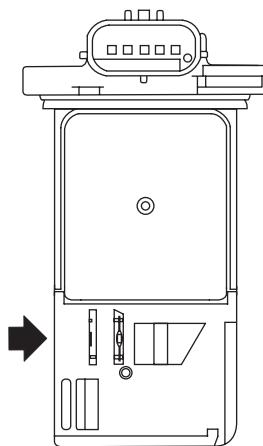
- 1) Connect the battery positive terminal to terminal No. 1 and the battery ground terminal to terminal No. 2, the circuit tester positive terminal to terminal No. 3 and the circuit tester ground terminal to terminal No. 2.



Mass Air Flow and Intake Air Temperature Sensor

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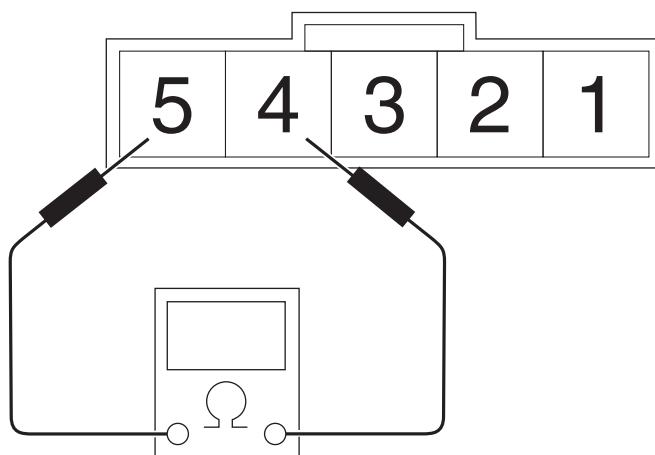
2) Check the voltage changes when air is blown to the mass air flow sensor unit in arrow direction.



FU-07937

2. CHECK THE INTAKE AIR TEMPERATURE SENSOR UNIT

Measure the resistance between intake air temperature sensor terminals.



FU-07433

Temperature	Terminal No.	Standard
-20°C (-4°F)		14.7±2.2 kΩ
25°C (77°F)	4 and 5	2.0±0.2 kΩ
60°C (140°F)		0.59±0.09 kΩ

3. OTHER INSPECTIONS

- 1) Check that the mass air flow and intake air temperature sensor has no deformation, cracks or other damages.
- 2) Check that the mass air flow and intake air temperature sensor has no dirt.