

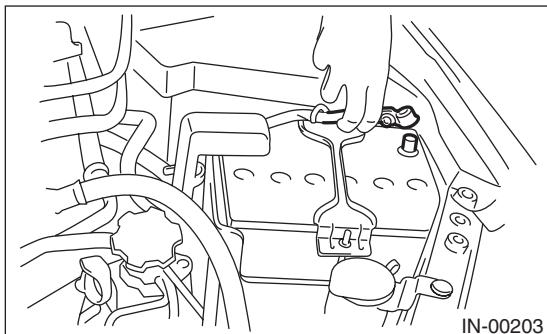
10. Fuel Tank Pressure Sensor

A: REMOVAL

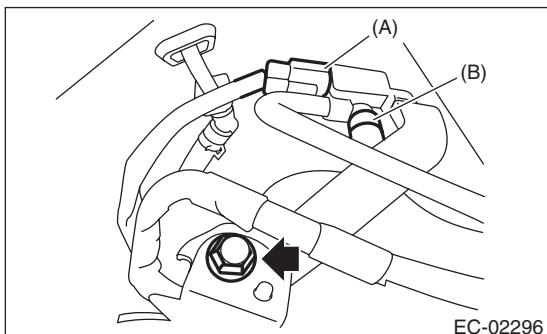
WARNING:

Place "NO OPEN FLAMES" signs near the working area.

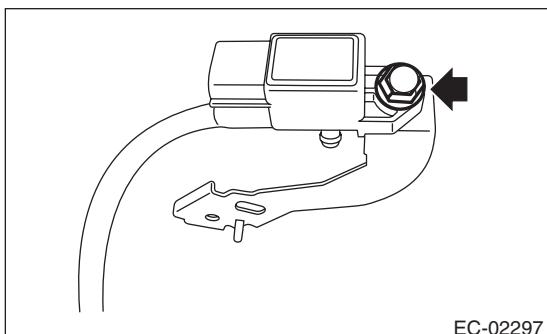
- 1) Disconnect the ground cable from battery.



- 2) Open the fuel filler lid and remove the fuel filler cap.
- 3) Lift up the vehicle.
- 4) Disconnect the connector from the fuel tank pressure sensor (A).
- 5) Disconnect the pressure hose from the fuel tank pressure sensor (B).
- 6) Remove the fuel tank pressure sensor along with the bracket.



- 7) Remove the fuel tank pressure sensor from the bracket cover.

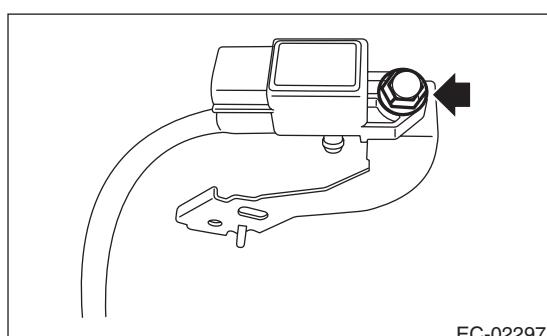
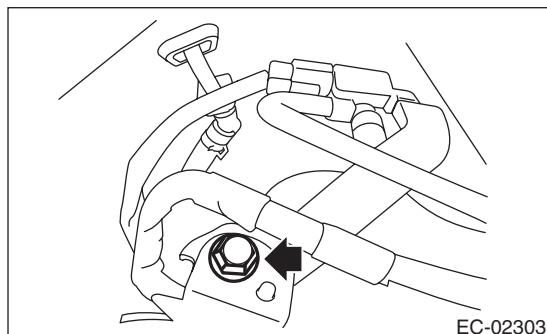


B: INSTALLATION

Install in the reverse order of removal.

Tightening torque:

7.35 N·m (0.7 kgf·m, 5.4 ft-lb)



C: INSPECTION

1. FUEL TANK PRESSURE SENSOR

- 1) Check that the fuel tank pressure sensor has no deformation, cracks or other damages.
- 2) Connect dry-cell battery positive terminal to terminal No. 3 and dry-cell battery ground terminal to terminal No. 2, circuit tester positive terminal to terminal No. 1 and the circuit tester negative terminal to terminal No. 2.

Fuel Tank Pressure Sensor

EMISSION CONTROL (AUX. EMISSION CONTROL DEVICES)

NOTE:

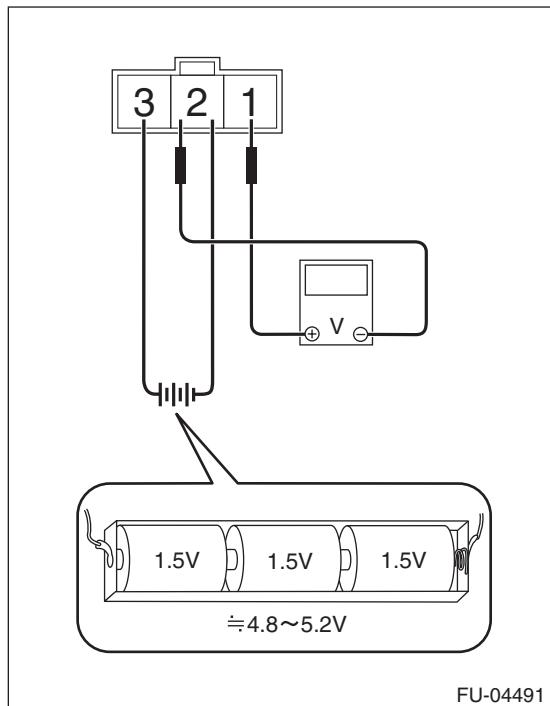
- Use new dry-cell batteries.
- Using circuit tester, check the voltage of a single dry-cell battery is 1.6 V or more. And also check the voltage of three batteries in series is between 4.8 V and 5.2 V.

- 4) Check the voltage when generating vacuum and positive pressure using Mighty Vac.

CAUTION:

Do not apply pressure out of the range of -10 — 20 kPa (-0.1 — 0.2 kgf/cm 2 , -1.45 — 2.90 psi). Doing so may damage the fuel tank pressure sensor.

Pressure	Terminal No.	Standard
-6.666 kPa (-0.07 kgf/cm 2 , -0.97 psi)		Approx. 0.5 V (when 25°C (77°F))
-2.000 kPa (-0.02 kgf/cm 2 , -0.29 psi)		Approx. 1.9 V (when 25°C (77°F))
2.000 kPa (0.02 kgf/cm 2 , 0.29 psi)		Approx. 3.1 V (when 25°C (77°F))
6.666 kPa (0.07 kgf/cm 2 , 0.97 psi)		Approx. 4.5 V (when 25°C (77°F))



- 3) Connect the Mighty Vac to the pressure port (A) of fuel tank pressure sensor.

