

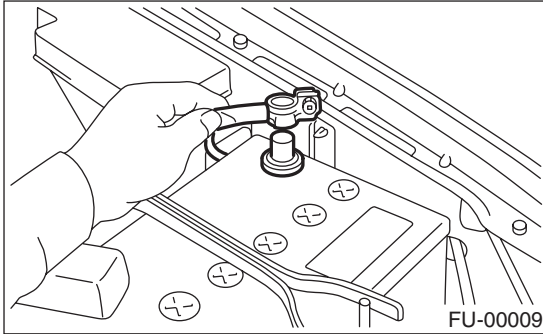
THROTTLE POSITION SENSOR

FUEL INJECTION (FUEL SYSTEMS)

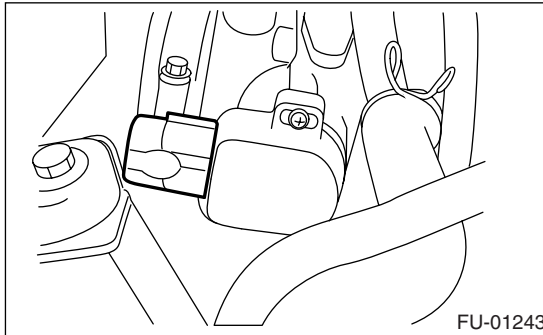
8. Throttle Position Sensor

A: REMOVAL

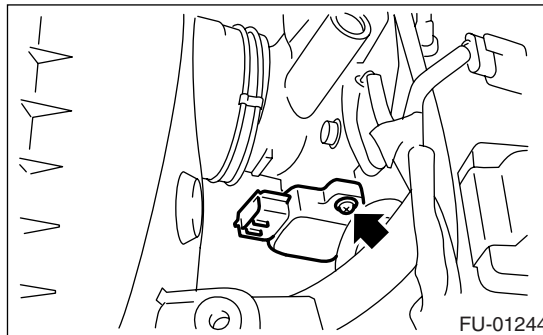
1) Disconnect the ground cable from battery.



2) Disconnect the connector from the throttle position sensor.



3) Remove the throttle position sensor holding screws, and remove the throttle position sensor.



B: INSTALLATION

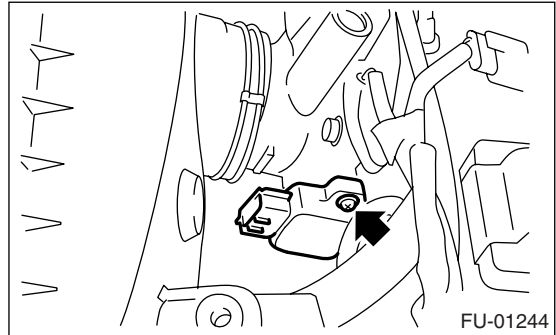
Install in the reverse order of removal.

Tightening torque:

1.6 N·m (0.16 kgf·m, 1.2 ft·lb)

CAUTION:

When installing throttle position sensor, adjust to the specified data.

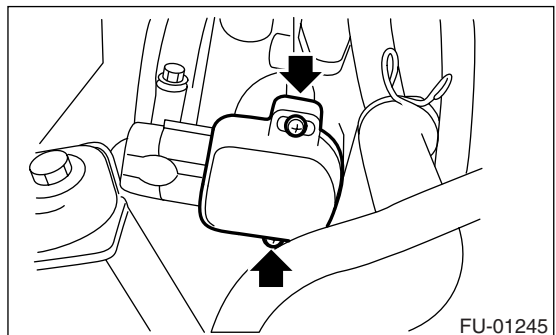


C: ADJUSTMENT

1) When using voltage meter:

(1) Turn the ignition switch to OFF.

(2) Loosen the throttle position sensor holding screws.

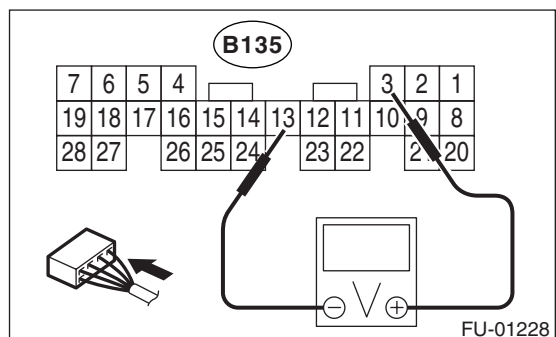


(3) Turn the ignition switch to ON.

(4) Adjust the throttle position sensor to the proper position to allow the voltage signal to the ECM to be in specification.

Connector & terminal / Specified voltage

(B135) No. 3 (+) — No. 13 (–) / 0.45 — 0.55 V
[Fully closed.]



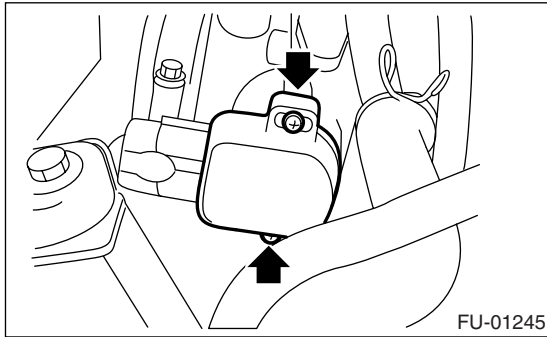
THROTTLE POSITION SENSOR

FUEL INJECTION (FUEL SYSTEMS)

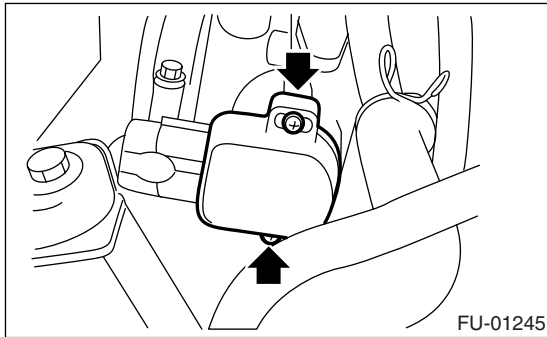
- (5) Tighten the throttle position sensor holding screws.

Tightening torque:

1.6 N·m (0.16 kgf·m, 1.2 ft·lb)



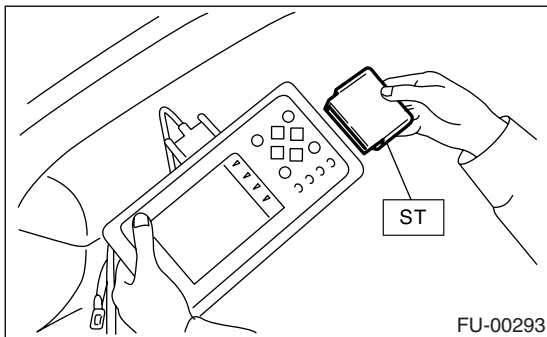
- 2) When using SUBARU Select Monitor:
 - (1) Turn the ignition switch to OFF.
 - (2) Loosen the throttle position sensor holding screws.



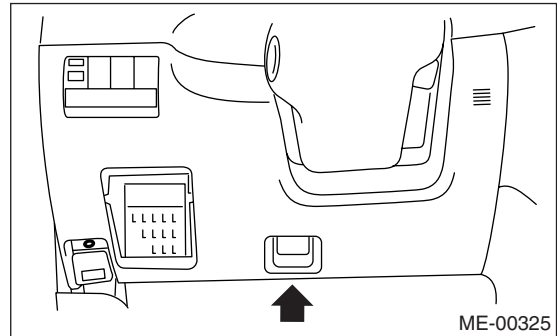
NOTE:

For detailed operation procedures, refer to the SUBARU Select Monitor Operation Manual.

- (3) Insert the cartridge to the SUBARU Select Monitor.



- (4) Connect the SUBARU Select Monitor to the data link connector.



- (5) Turn the ignition switch to ON, and the SUBARU Select Monitor switch to ON.
- (6) Select the {2. Each System Check} in Main Menu.
- (7) Select the {Engine Control System} in Selection Menu.
- (8) Select the {1. Current Data Display & Save} in Engine Control System Diagnosis.
- (9) Select the {1.12 Data Display} in Data Display Menu.
- (10) Adjust the throttle position sensor to the proper position to match with the following specifications.

Condition: Throttle fully closed

Throttle opening angle 0.00%

Throttle sensor voltage 0.50 V

- (11) Tighten the throttle position sensor holding screws.

Tightening torque:

1.6 N·m (0.16 kgf·m, 1.2 ft·lb)

