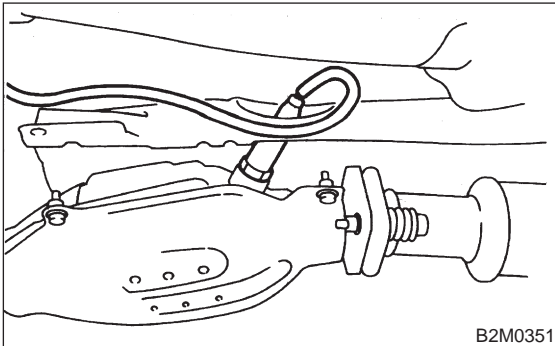


9. Throttle Position Sensor

2) Install rear oxygen sensor.

Tightening torque:

21 ± 3 N-m (2.1 ± 0.3 kg-m, 15.2 ± 2.2 ft-lb)



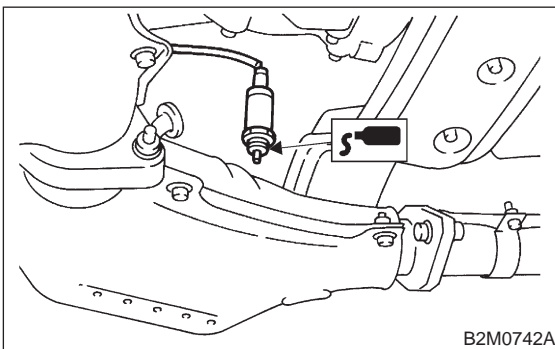
- 3) Connect connector of rear oxygen sensor.
- 4) Lower the vehicle.

2. CALIFORNIA 2200 cc MODEL

1) Before installing rear oxygen sensor, apply anti-seize compound only to threaded portion of rear oxygen sensor to make the next removal easier.

Anti-seize compound:
SS-30 by JET LUBE

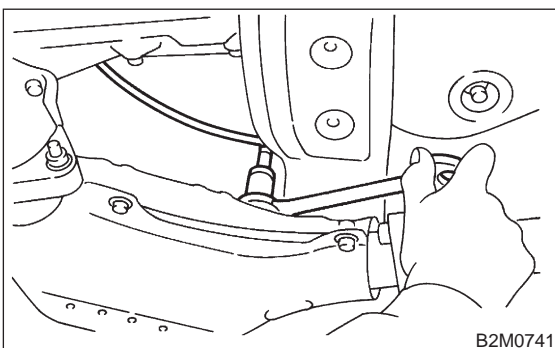
CAUTION:
Never apply anti-seize compound to protector of rear oxygen sensor.



2) Install rear oxygen sensor.

Tightening torque:

21 ± 3 N-m (2.1 ± 0.3 kg-m, 15.2 ± 2.2 ft-lb)

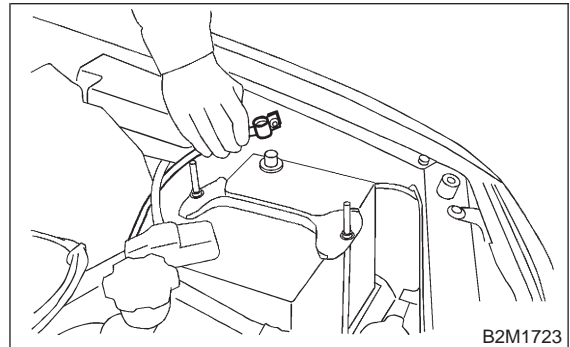


- 3) Lower the vehicle.
- 4) Connect connector to rear oxygen sensor.

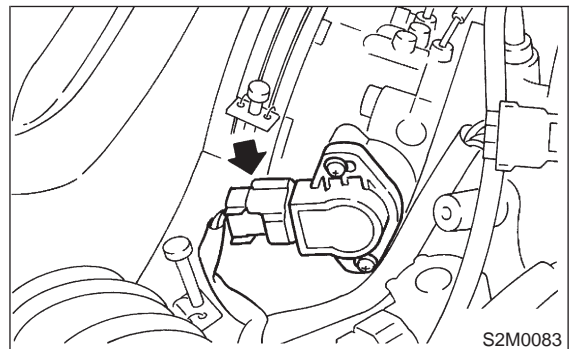
9. Throttle Position Sensor

A: REMOVAL AND INSTALLATION

1) Disconnect battery ground cable.



2) Disconnect connector from throttle position sensor.

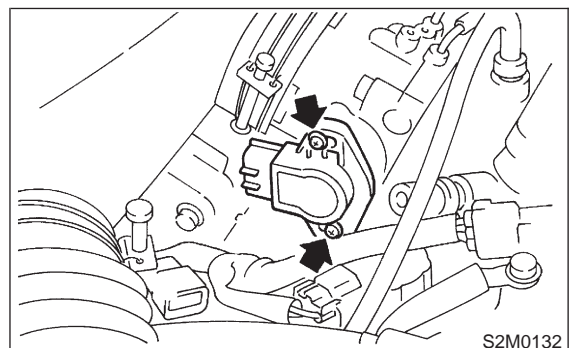


- 3) Remove throttle position sensor holding screws, and remove it.
- 4) Installation is in the reverse order of removal.

Tightening torque:

2.2 ± 0.2 N-m (0.22 ± 0.02 kg-m, 1.6 ± 0.1 ft-lb)

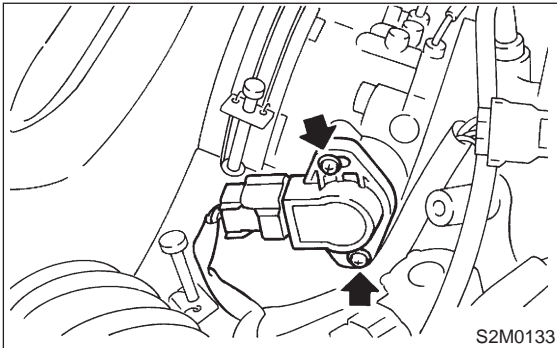
CAUTION:
When installing throttle position sensor, adjust to the specified data.



B: ADJUSTMENT

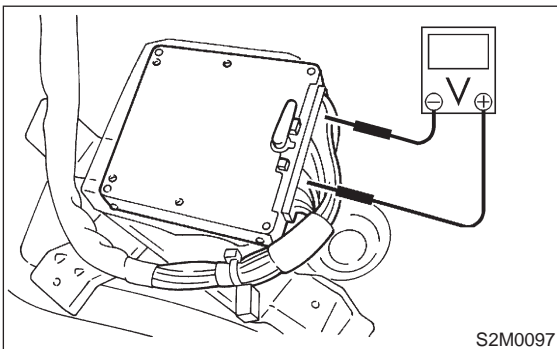
1) Turn ignition switch to OFF.

- 2) Loosen throttle position sensor holding screws.



- 3) When using voltage meter;
- (1) Take out ECM.
 - (2) Turn ignition switch to ON.
 - (3) Adjust throttle position sensor so that signal voltage to ECM may be in specification.

Connector & terminal / Specified voltage
(B84) No. 24 — (B84) No. 25 / 0.45 — 0.55
V
[Fully closed.]



- (4) Tighten throttle position sensor holding screws.

Tightening torque:
2.2±0.2 N·m (0.22±0.02 kg·m, 1.6±0.1 ft·lb)

- 4) When using SUBARU SELECT MONITOR;

NOTE:

For detailed operation procedures, refer to the SUBARU SELECT MONITOR OPERATION MANUAL.

- (1) Insert the cartridge to SUBARU SELECT MONITOR.
- (2) Connect SUBARU SELECT MONITOR to the data link connector.
- (3) Turn ignition switch to ON, and SUBARU SELECT MONITOR switch to ON.
- (4) Select {2. Each System Check} in Main Menu.
- (5) Select {EGI/EMPI} in Selection Menu.
- (6) Select {1. Current Data Display & Save} in EGI/EMPI Diagnosis.
- (7) Select {1.12 Data Display} in Data Display Menu.
- (8) Adjust throttle position sensor to the following specifications.

Condition: Throttle fully closed
Throttle opening angle 0.00%
Throttle sensor voltage 0.50 V

- (9) Tighten throttle position sensor holding screws.

Tightening torque:
2.2±0.2 N·m (0.22±0.02 kg·m, 1.6±0.1 ft·lb)