

B2M0162

## 9. Throttle Position Sensor

### A: REMOVAL AND INSTALLATION

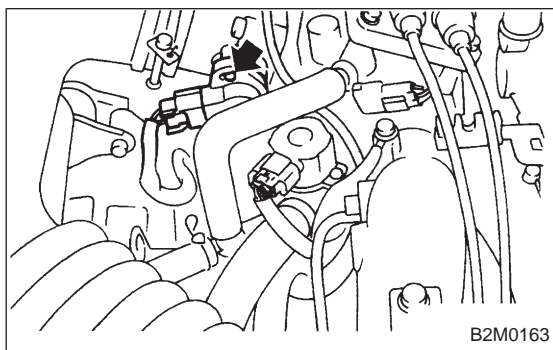
- 1) Disconnect connector from throttle position sensor.
- 2) Remove throttle position sensor holding screws, and remove it.
- 3) Installation is in the reverse order of removal.

#### **Tightening torque:**

**$2.2 \pm 0.2 \text{ N}\cdot\text{m}$  ( $0.22 \pm 0.02 \text{ kg}\cdot\text{m}$ ,  $1.6 \pm 0.1 \text{ ft}\cdot\text{lb}$ )**

#### **CAUTION:**

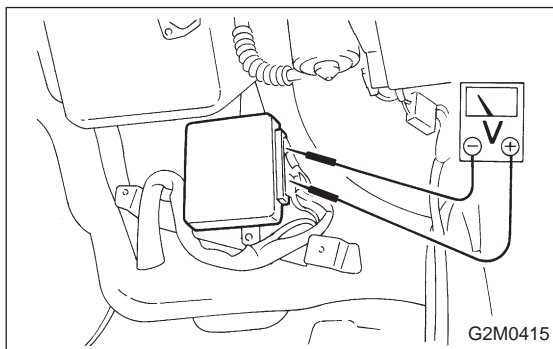
**When installing throttle position sensor, adjust to the specified data.**



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### B: ADJUSTMENT

- 1) Turn ignition switch to OFF.
- 2) Loosen throttle position sensor holding screws.

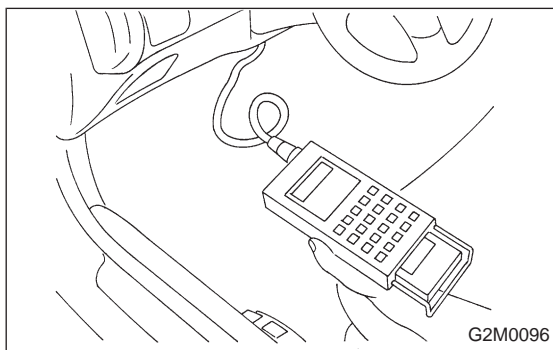


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- 3) When using voltage meter;
  - (1) Take out ECM.
  - (2) Turn ignition switch to ON.
  - (3) Adjust throttle position sensor so that signal voltage to ECM may be in specification.

**Connector & Terminal / Specified voltage**  
**(B84) No. 24 — (B84) No. 25 /  $0.45 - 0.55 \text{ V}$**   
**[Fully closed.]**

- (4) Tighten throttle position sensor holding screws.



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- 4) When using Subaru Select Monitor;
  - (1) Connect Subaru Select Monitor to the data link connector.
  - (2) Turn ignition switch to ON and SSM switch to ON.
  - (3) Select mode "F10".
  - (4) Adjust throttle position sensor to specified data.

**Condition / Specified data.**  
**Throttle fully closed /  $0.50 \text{ V}$**

- (5) Tighten throttle position sensor holding screws.