

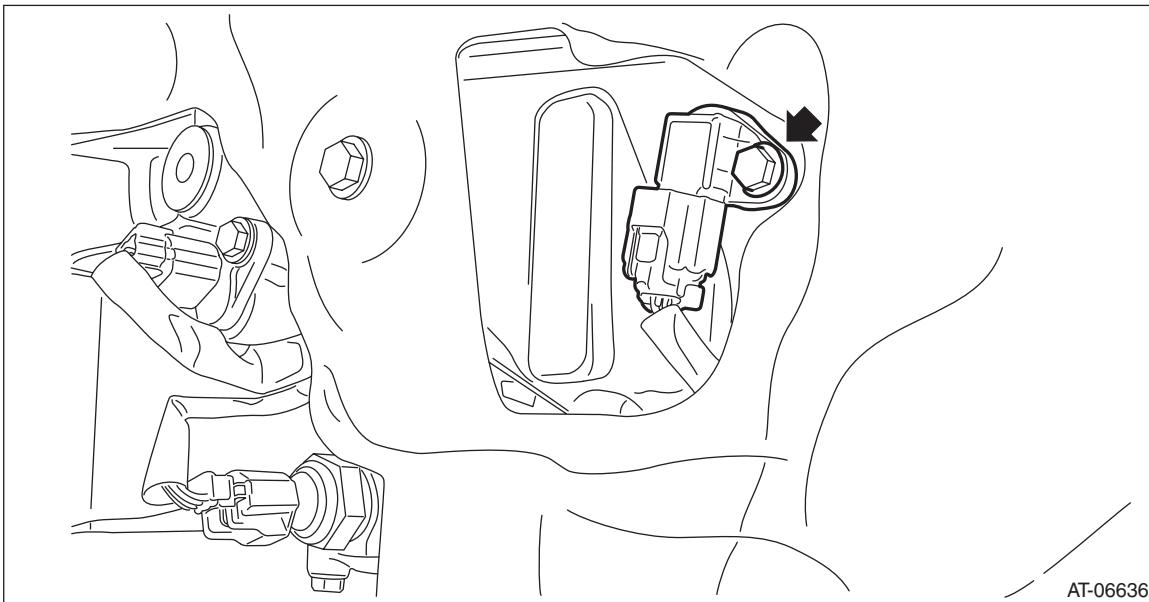
17.Primary Speed Sensor

A: REMOVAL

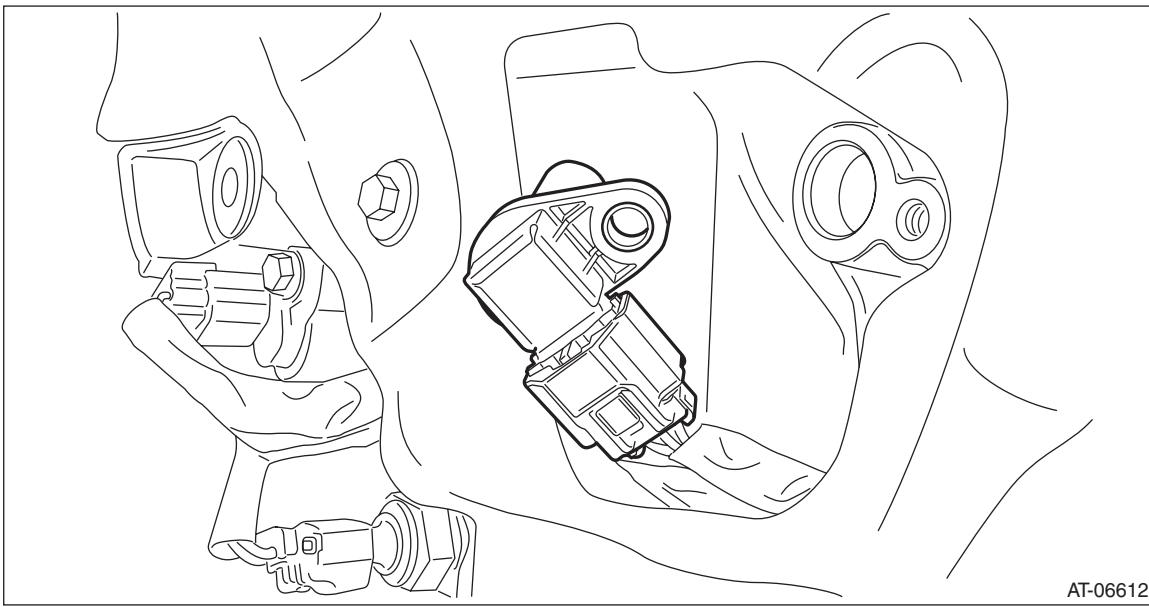
CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of primary speed sensor. If adhesion occurs, replace with a new part.

- 1) Remove the transmission assembly. <Ref. to CVT-57, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the primary speed sensor.



- 3) Remove the harness connector from primary speed sensor.



Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

B: INSTALLATION

CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of primary speed sensor. If adhesion occurs, replace with a new part.

Install in the reverse order of removal.

NOTE:

- Use new O-rings.
- Apply CVTF to the O-ring.

Tightening torque:

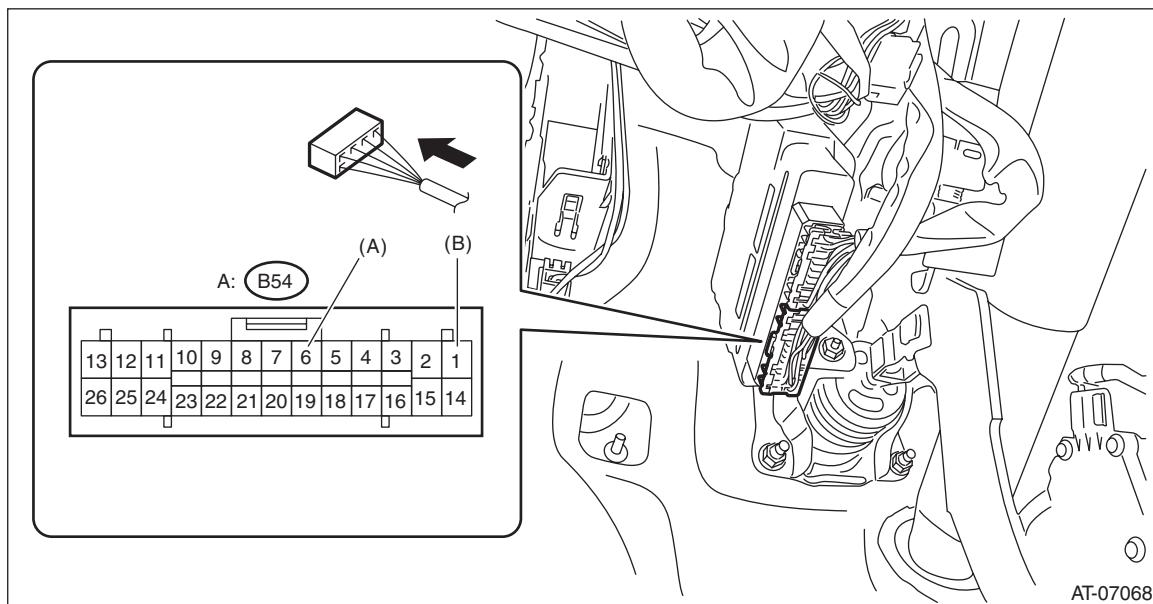
7 N·m (0.7 kgf·m, 5.2 ft-lb)

C: INSPECTION

- 1) Remove the instrument panel lower cover. <Ref. to EI-63, REMOVAL, Instrument Panel Lower Cover.>
- 2) Set the probe of oscilloscope to TCM harness connector.

Connector & terminal

(B54) No. 6 (+) — No. 1 (-):



(A) + probe

(B) - probe

3) Start and warm up the engine.

4) Lift up the vehicle.

CAUTION:

Lift up the vehicle until the tire bottom is 0.3 m (0.98 ft) or more above the ground.

5) Shift the select lever to "D" range.

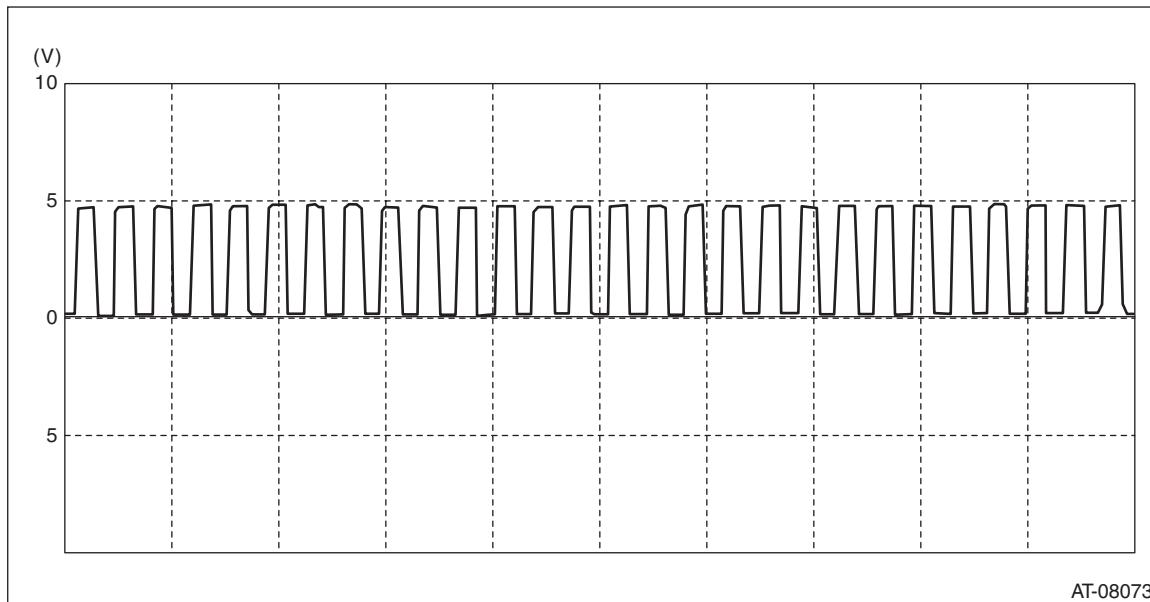
Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

6) Check the waveform and output voltage of the primary speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.



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