

Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

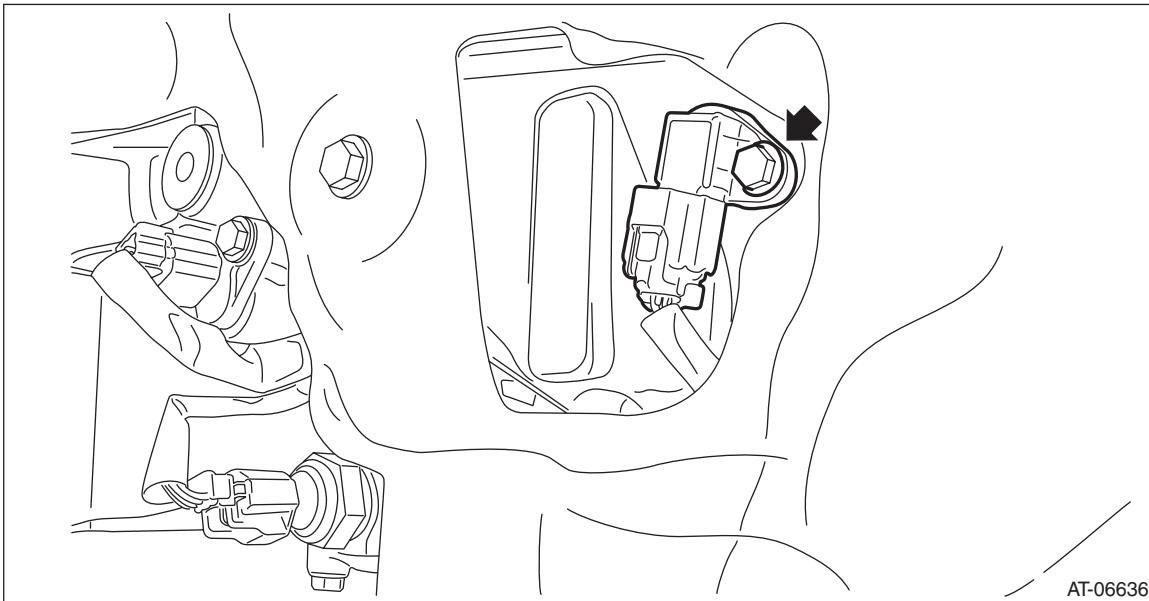
17. Primary Speed Sensor

A: REMOVAL

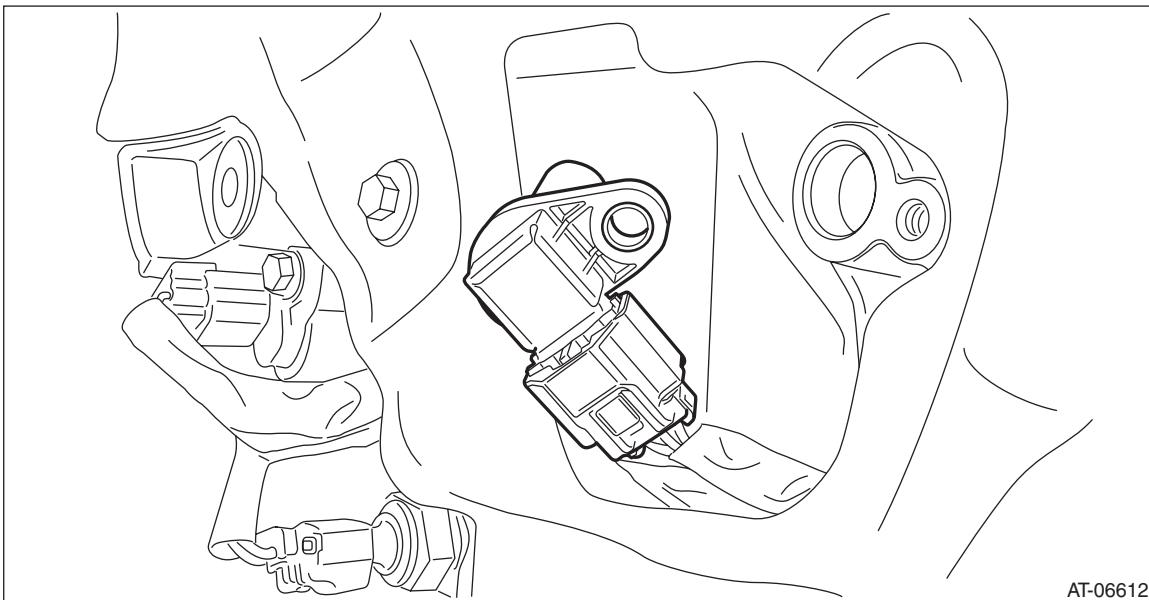
CAUTION:

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(TR580)-57, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the primary speed sensor.



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



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:

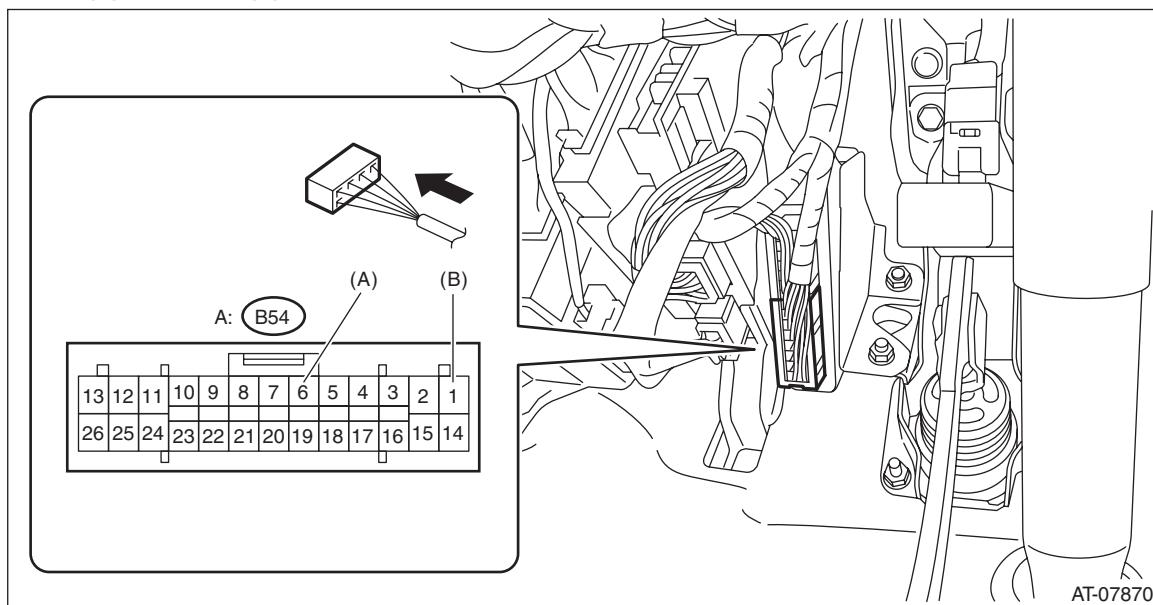
7 N·m (0.7 kgf·m, 5.2 ft-lb)

C: INSPECTION

- 1) Set the probe of oscilloscope to TCM harness connector.

Connector & terminal

(B54) No. 6 (+) — No. 1 (-):



(A) + probe

(B) - probe

- 2) Start and warm up the engine.

- 3) 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.

- 4) Shift the select lever to "D" range.

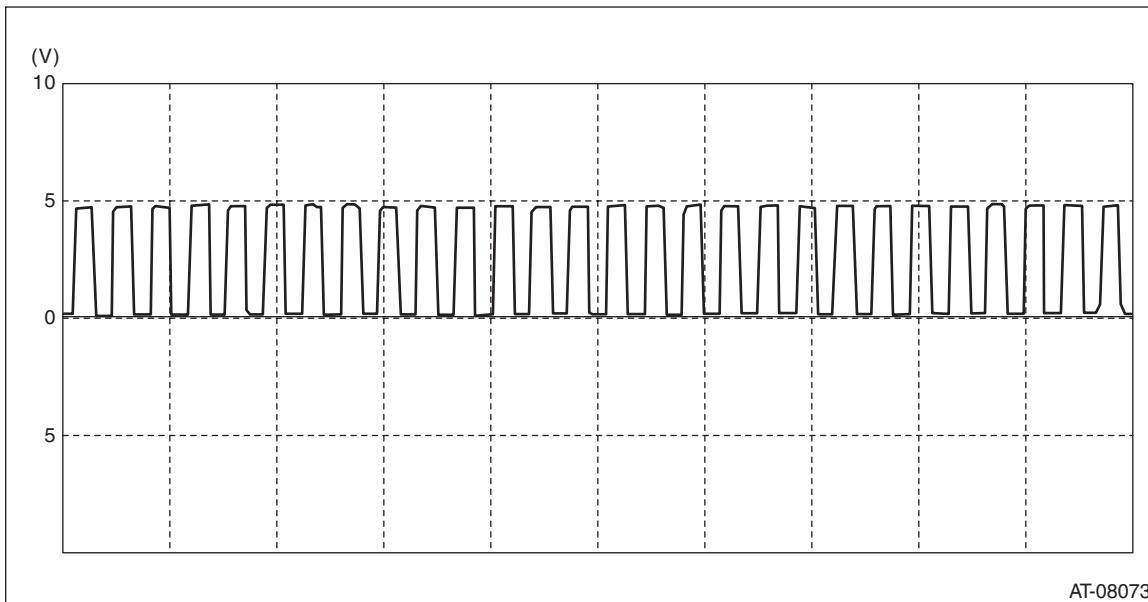
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5) Check the waveform and output voltage of the primary speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.



AT-08073