

# Primary Speed Sensor

## CONTINUOUSLY VARIABLE TRANSMISSION

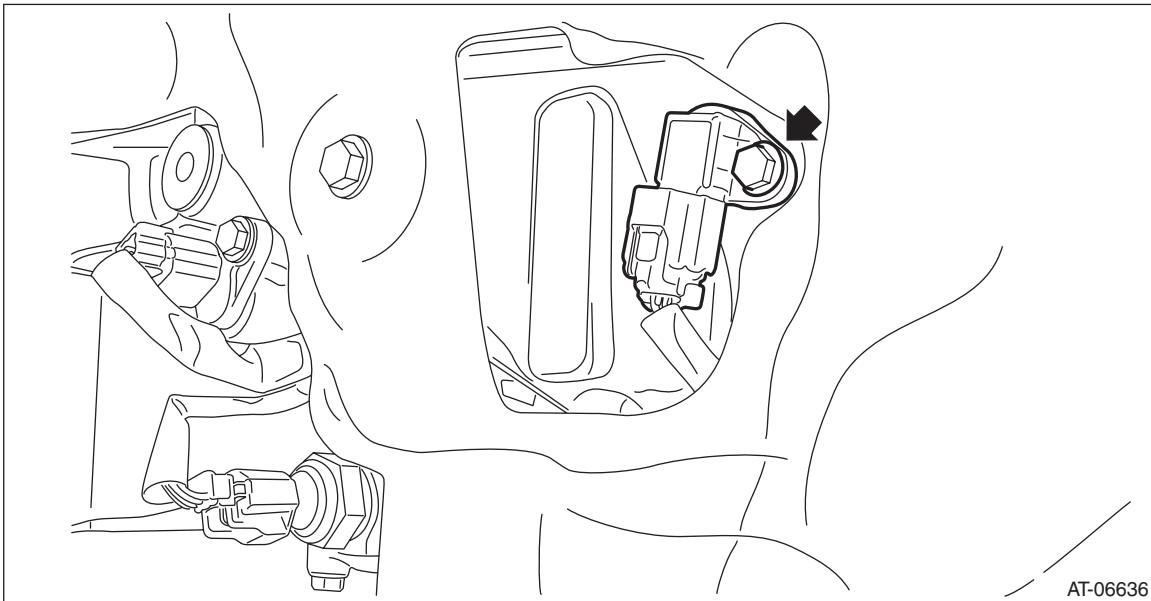
### 17. Primary Speed Sensor

#### A: REMOVAL

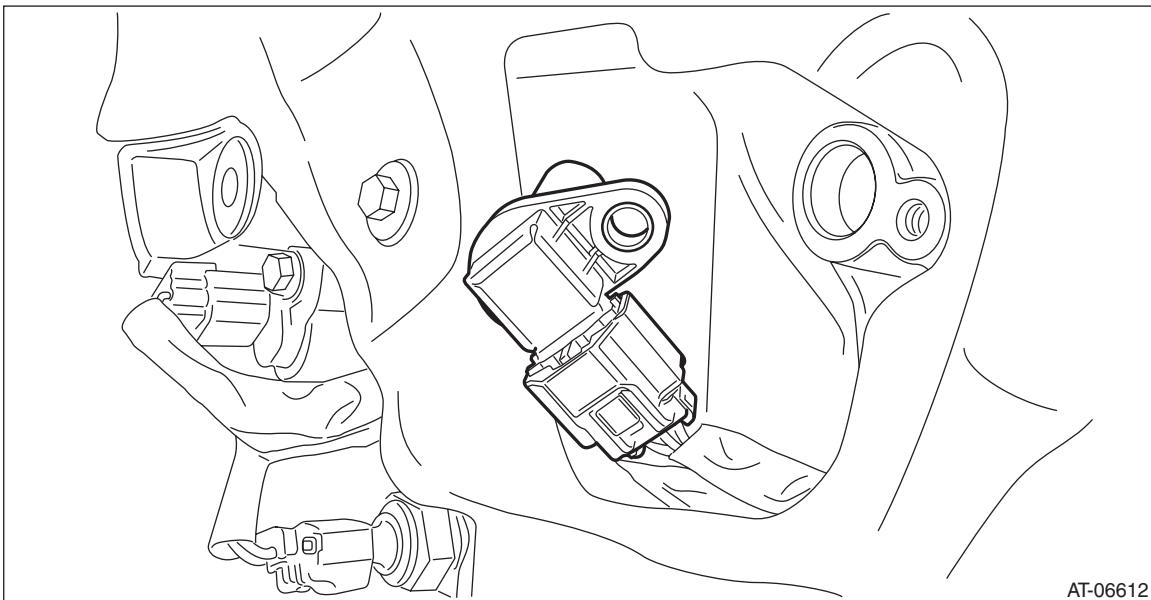
##### CAUTION:

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:*

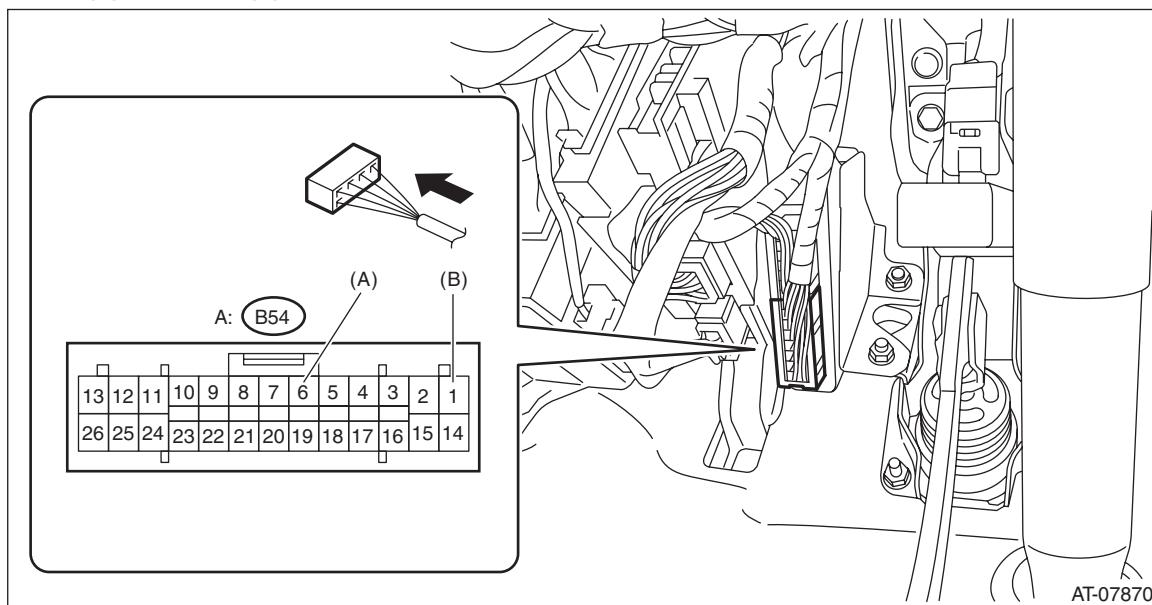
7 N·m (0.7 kgf·m, 5.2 ft-lb)

### 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.

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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.

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

**NOTE:**

The waveform cycle changes as the speed changes.

