

## Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

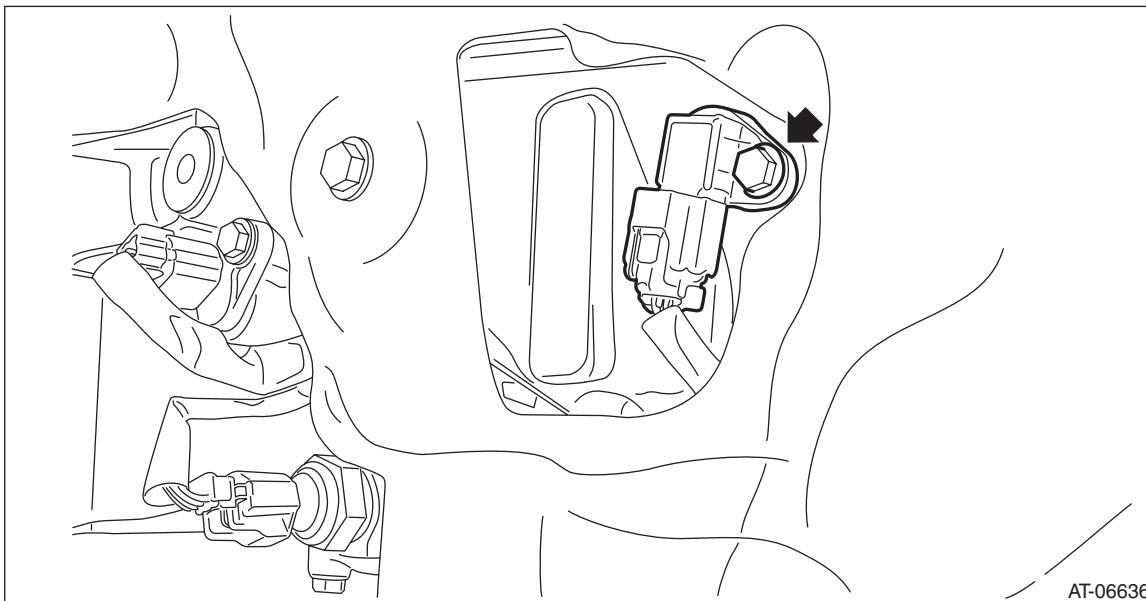
### 17.Primary Speed Sensor

#### A: REMOVAL

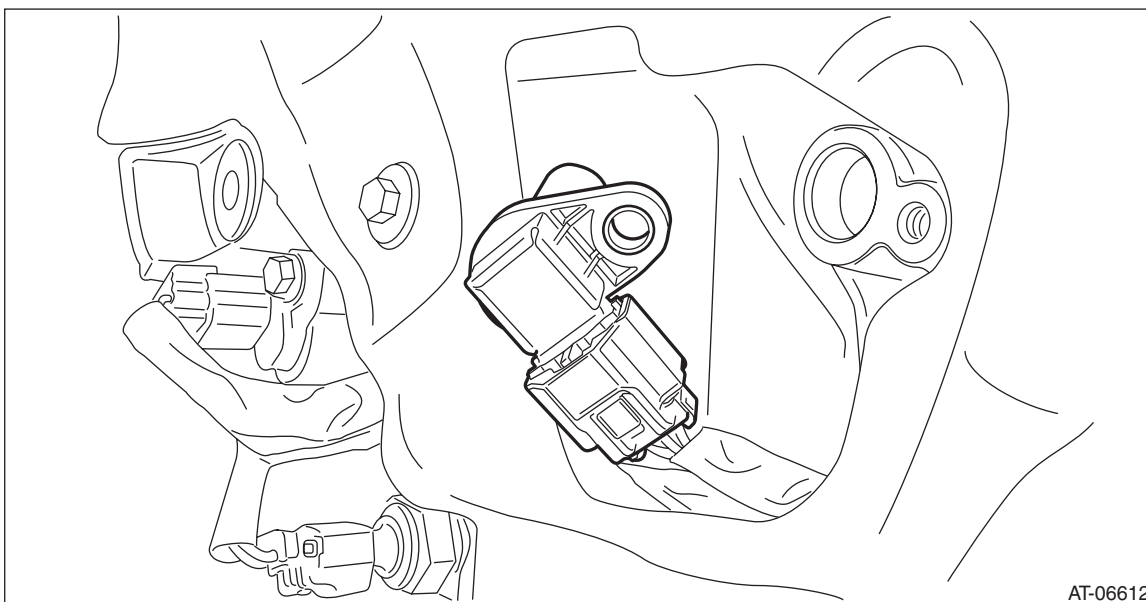
##### CAUTION:

**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:

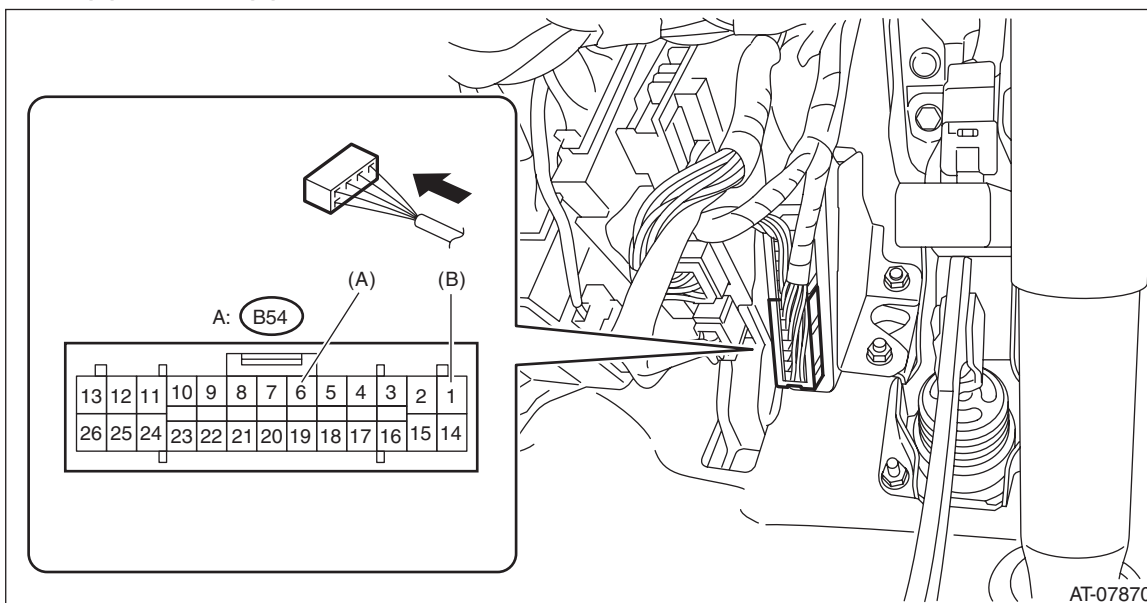
**7 N·m (0.7 kgf-m, 5.2 ft-lb)**

## 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.

