

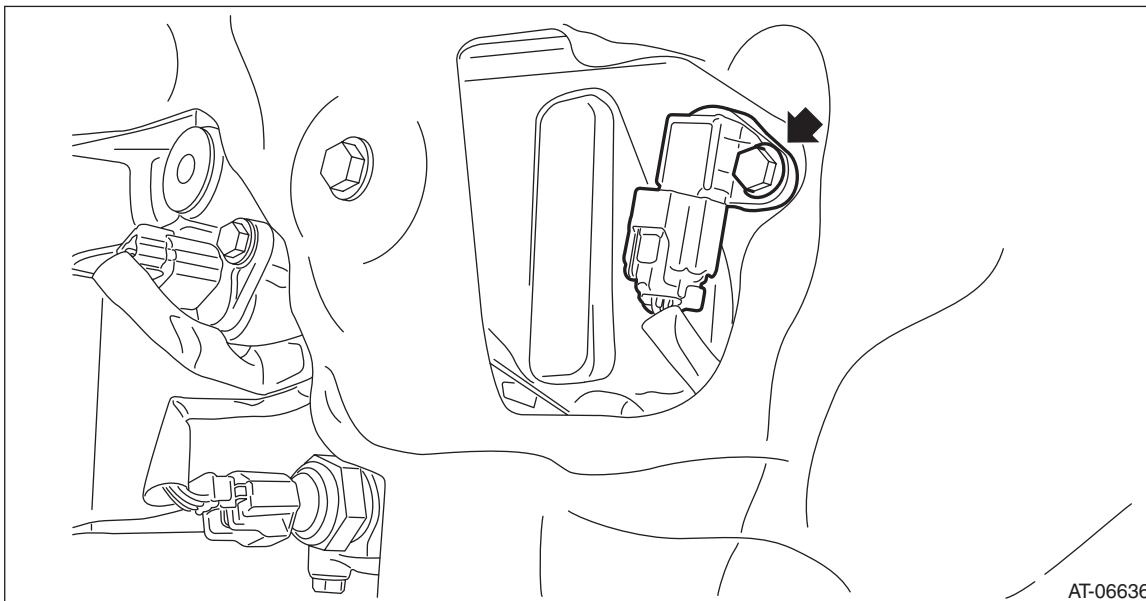
## 17.Primary Speed Sensor

### A: REMOVAL

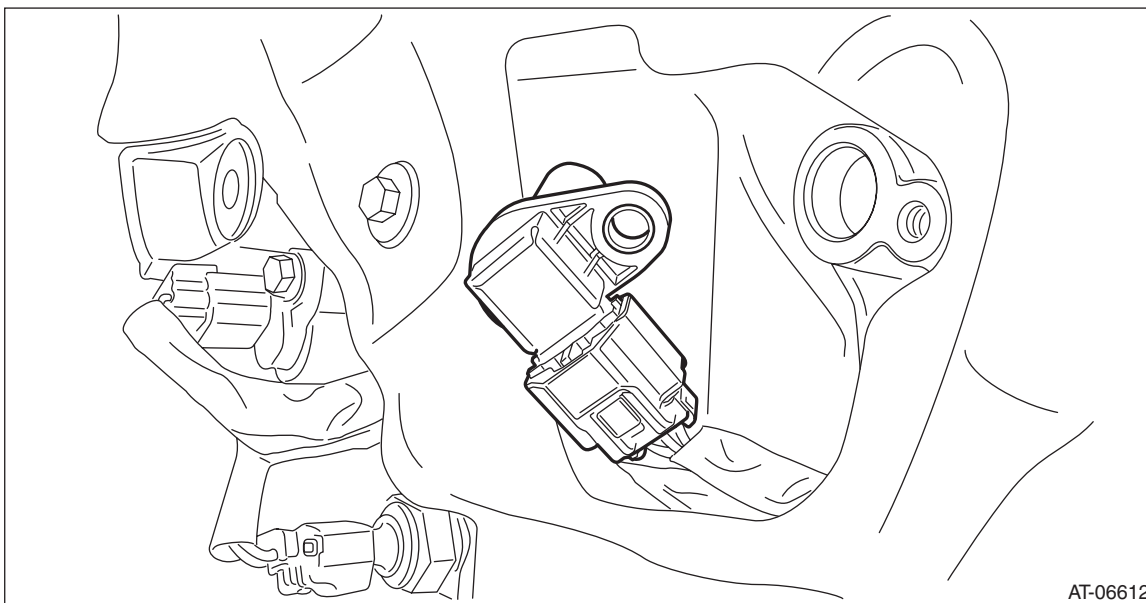
#### CAUTION:

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:

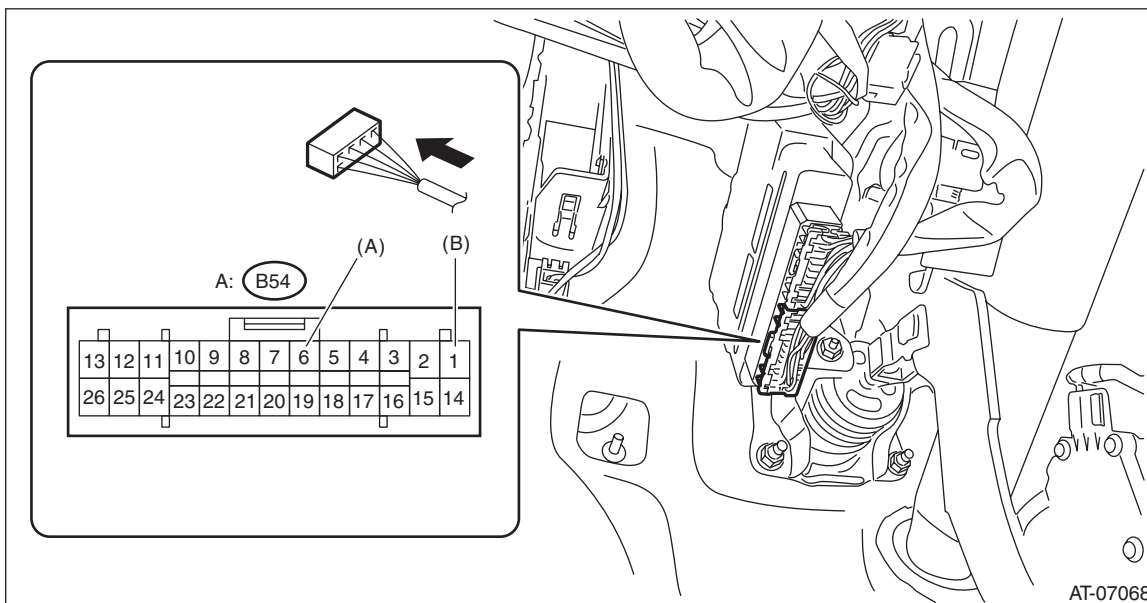
**7 N·m (0.7 kgf-m, 5.2 ft-lb)**

## 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.

