

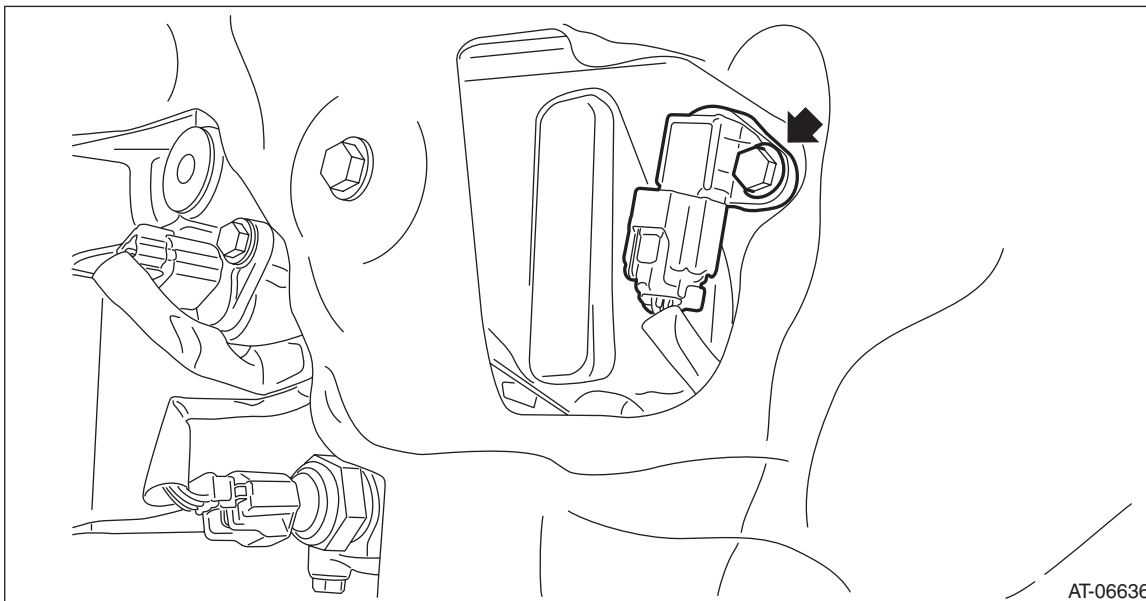
17.Primary Speed Sensor

A: REMOVAL

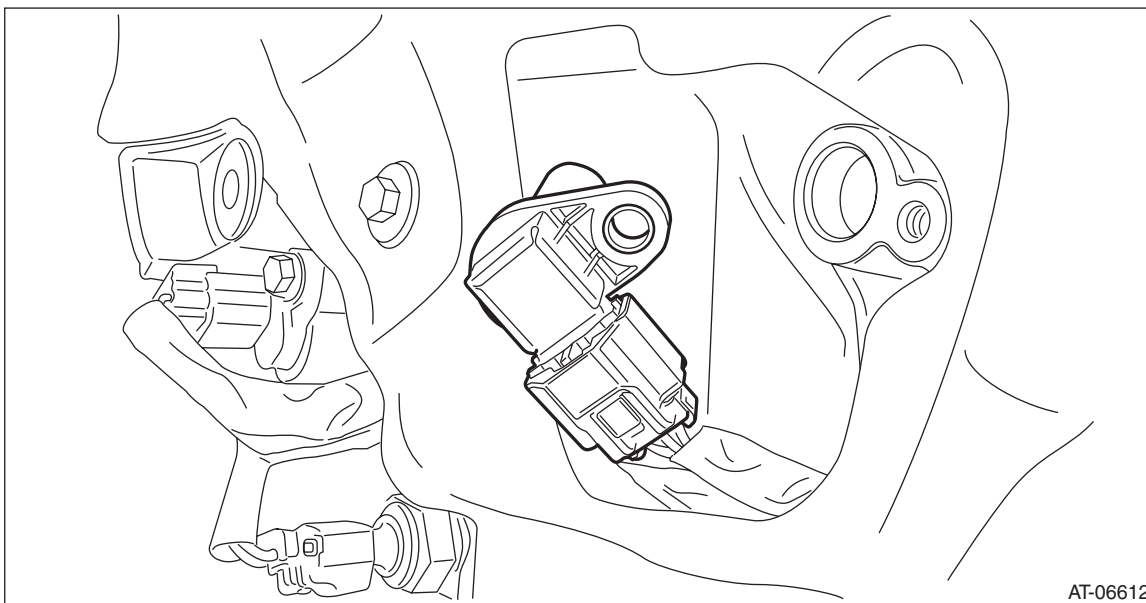
CAUTION:

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-58, 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:

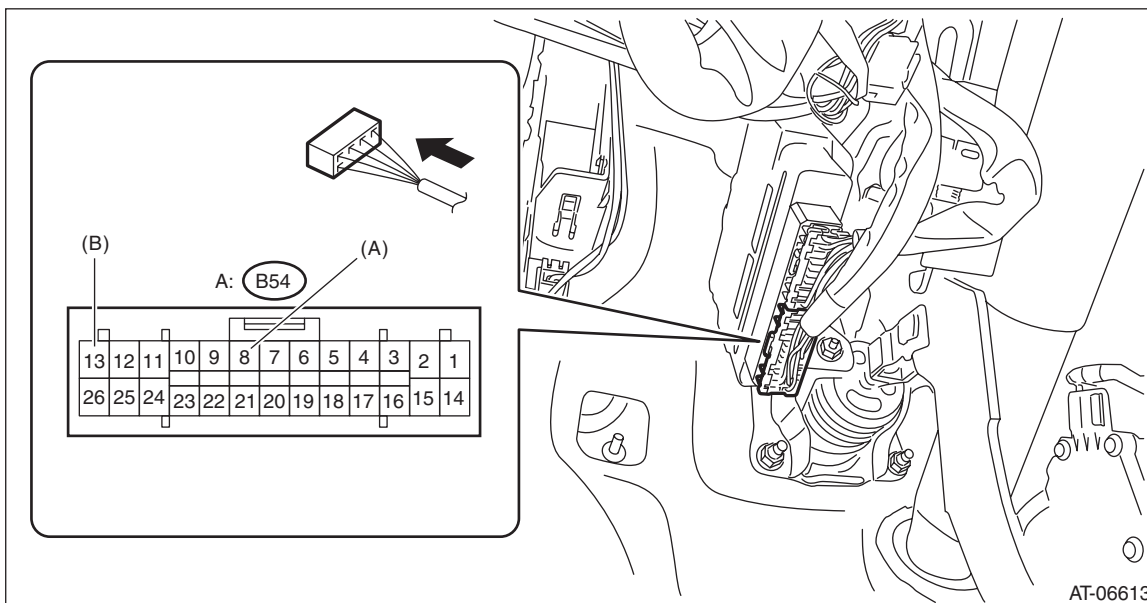
7 N·m (0.7 kgf-m, 5.2 ft-lb)

C: INSPECTION

- 1) Remove the instrument panel lower cover. <Ref. to EI-62, REMOVAL, Instrument Panel Lower Cover.>
- 2) Set the probe of oscilloscope to TCM harness connector.

Connector & terminal

(B54) No. 8 (+) — No. 13 (–):



(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 of primary speed sensor with engine idling running.

