

Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

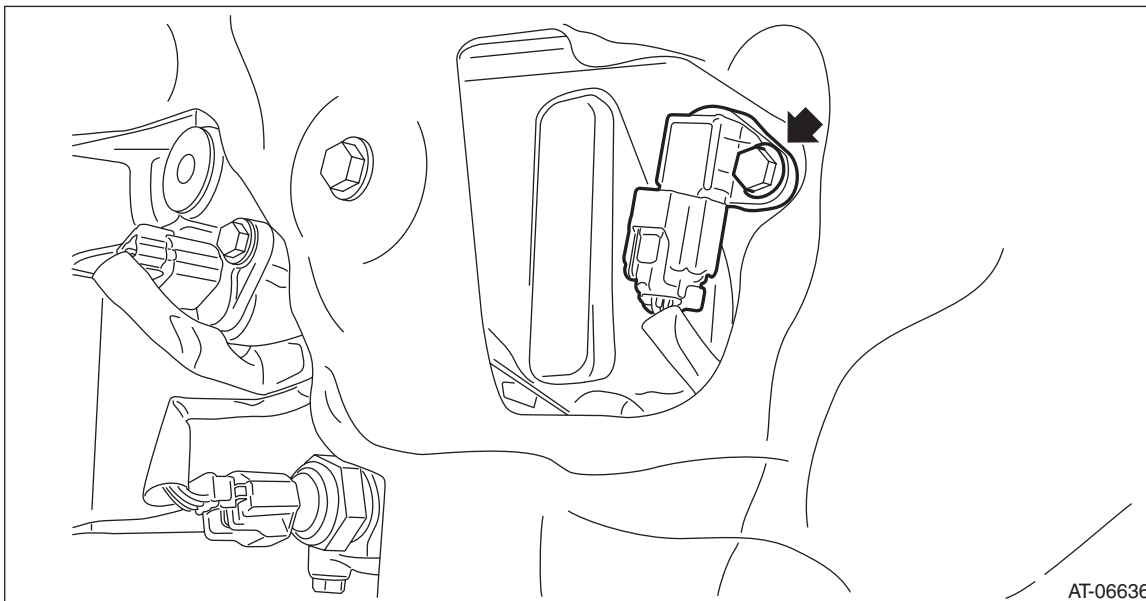
17.Primary Speed Sensor

A: REMOVAL

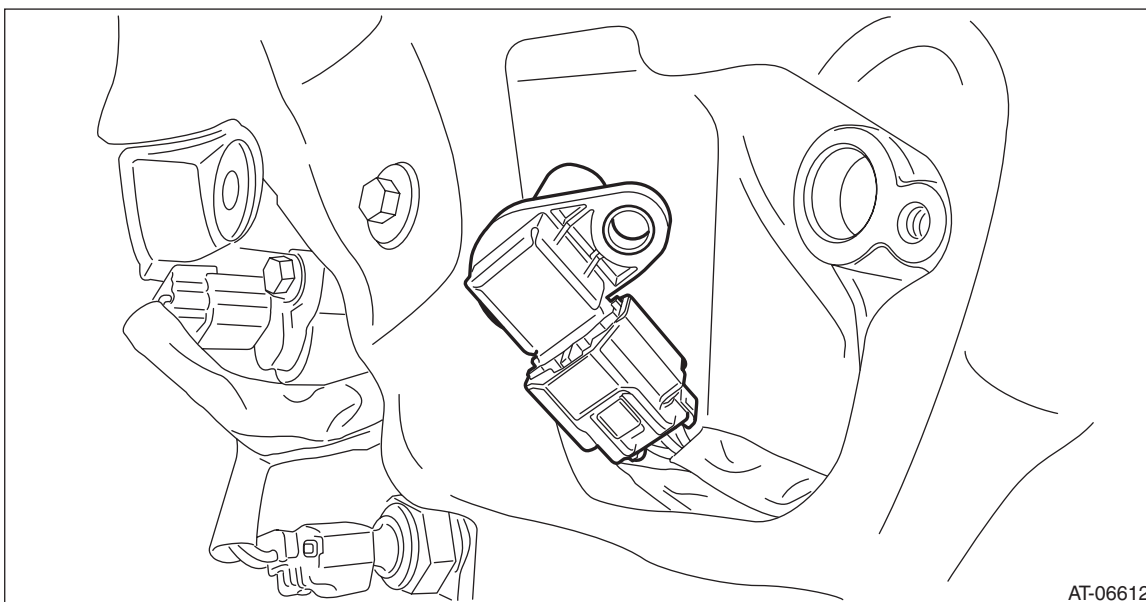
CAUTION:

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)-60, 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

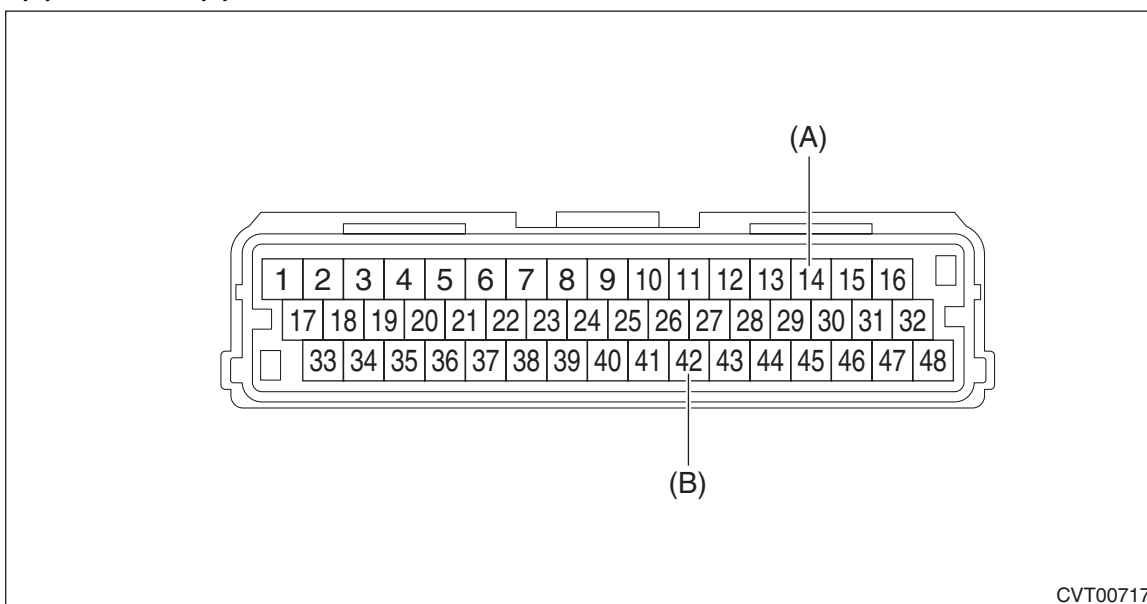
1) Set the ST between the TCM and bulkhead harness.

ST 18460AA040 CHECK BOARD

2) Set the probe of oscilloscope to the check board connector.

Connector & terminal

No. 14 (+) — No. 42 (–):



(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.

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6) Check the waveform of primary speed sensor with engine idling running.

NOTE:

The waveform cycle changes as the speed changes.

