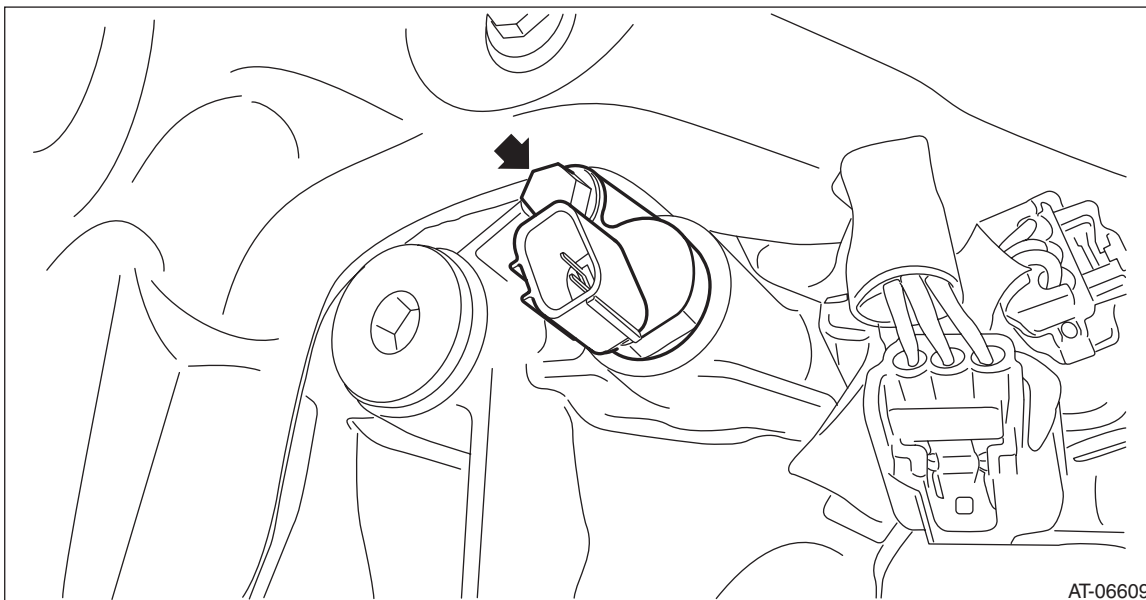


16.Secondary Speed Sensor

A: REMOVAL

CAUTION:

- Be sure to prevent water or oil from contacting the connector terminal of secondary speed sensor. If adhesion occurs, replace with a new part.
 - When secondary speed sensor is removed, CVTF leaks. After installing the secondary speed sensor, adjust the CVTF level.
- 1) Lift up the vehicle.
 - 2) Remove the harness connector from secondary speed sensor.
 - 3) Remove the secondary speed sensor.



B: INSTALLATION

CAUTION:

- Be sure to prevent water or oil from contacting the connector terminal of secondary speed sensor. If adhesion occurs, replace with a new part.
 - After installing the secondary speed sensor, adjust the CVTF level.
- 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)

Secondary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

C: INSPECTION

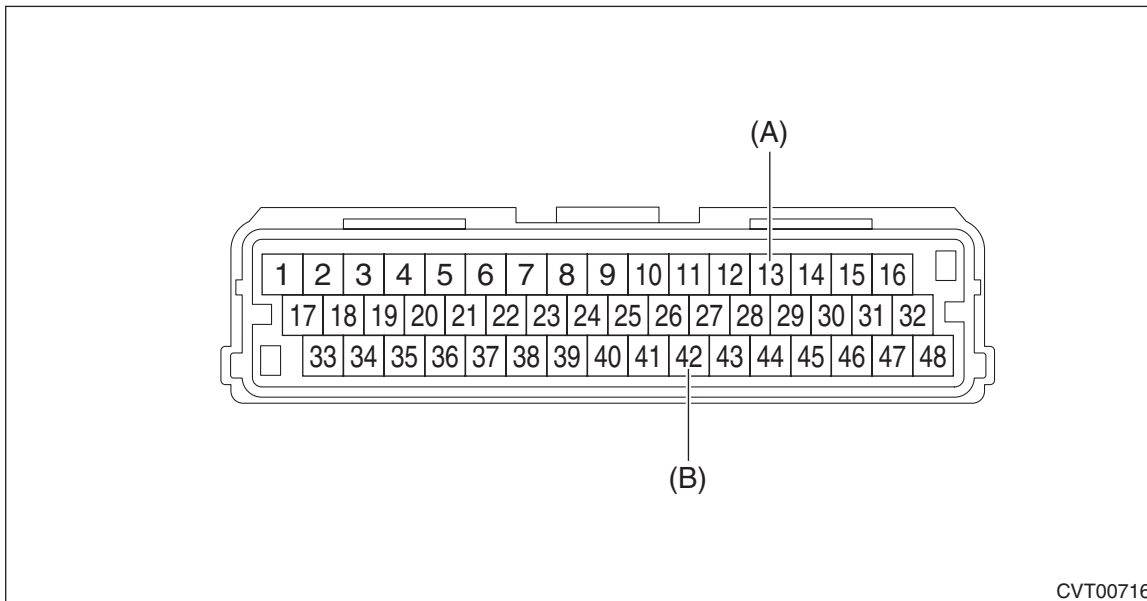
1) Set the ST between the TCM and bulkhead harness.

ST 18460AA040 CHECK BOARD

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

Connector & terminal

No. 13 (+) — 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.

Secondary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

6) Check the waveform and output voltage of the secondary speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.

