

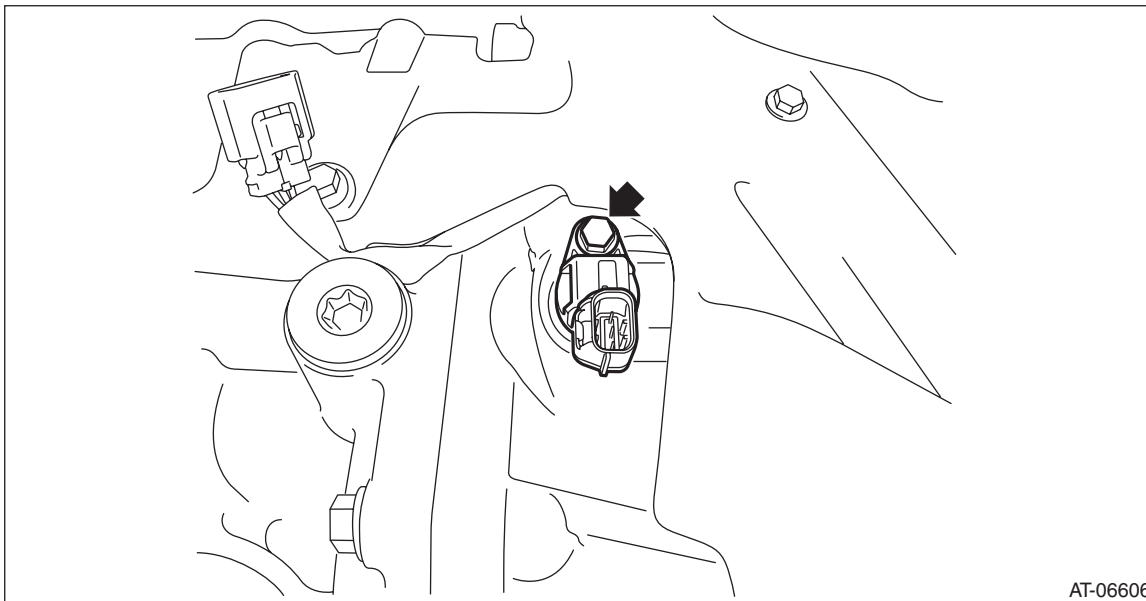
15. Turbine Speed Sensor

A: REMOVAL

CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of turbine speed sensor. If adhesion occurs, replace with a new part.

- 1) Lift up the vehicle.
- 2) Remove the harness connector from turbine speed sensor.
- 3) Remove the turbine speed sensor.



B: INSTALLATION

CAUTION:

Be sure to prevent water or oil from contacting the connector terminal of turbine 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)

Turbine Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

C: INSPECTION

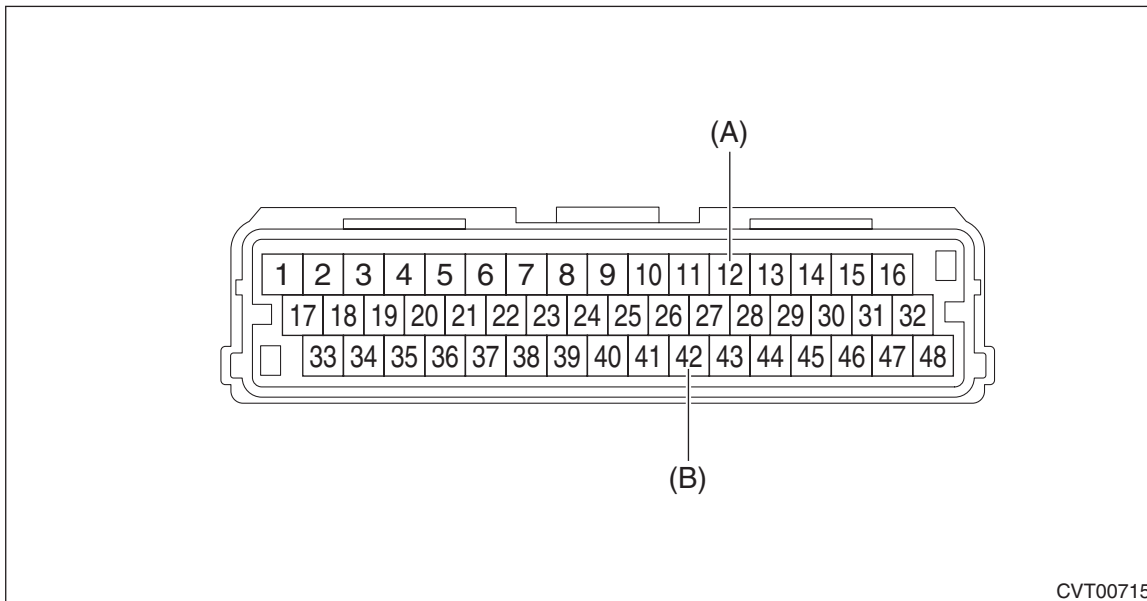
1) Set the ST between the TCM and bulkhead harness.

ST 18460AA040 CHECK BOARD

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

Connector & terminal

No. 12 (+) — No. 42 (—):



(A) + probe

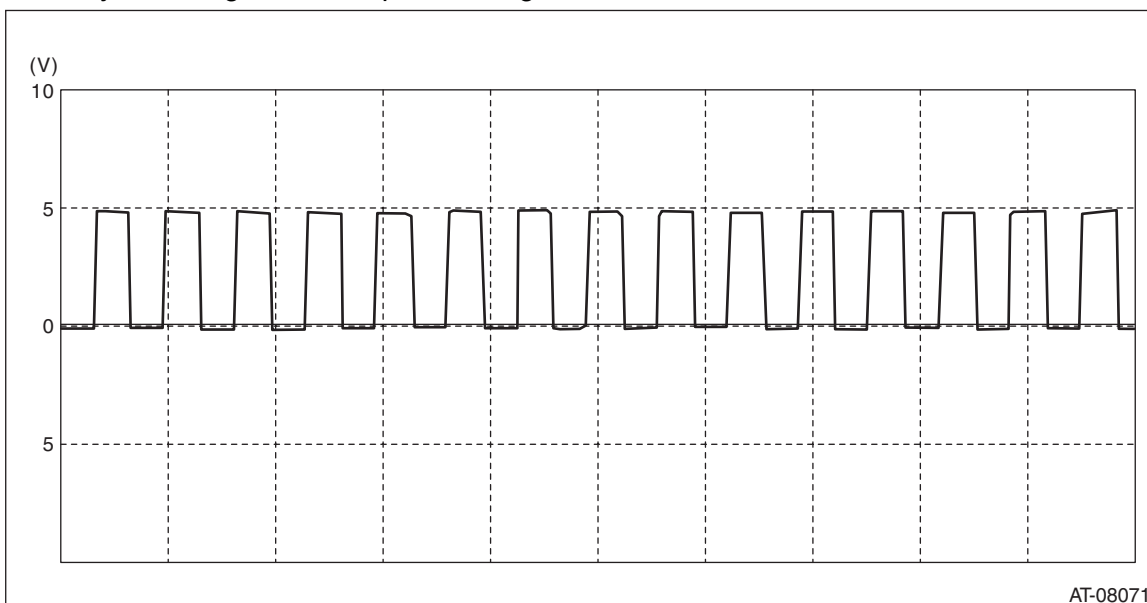
(B) - probe

3) Start and warm up the engine.

4) Check the waveform and output voltage of the turbine speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.



AT-08071