

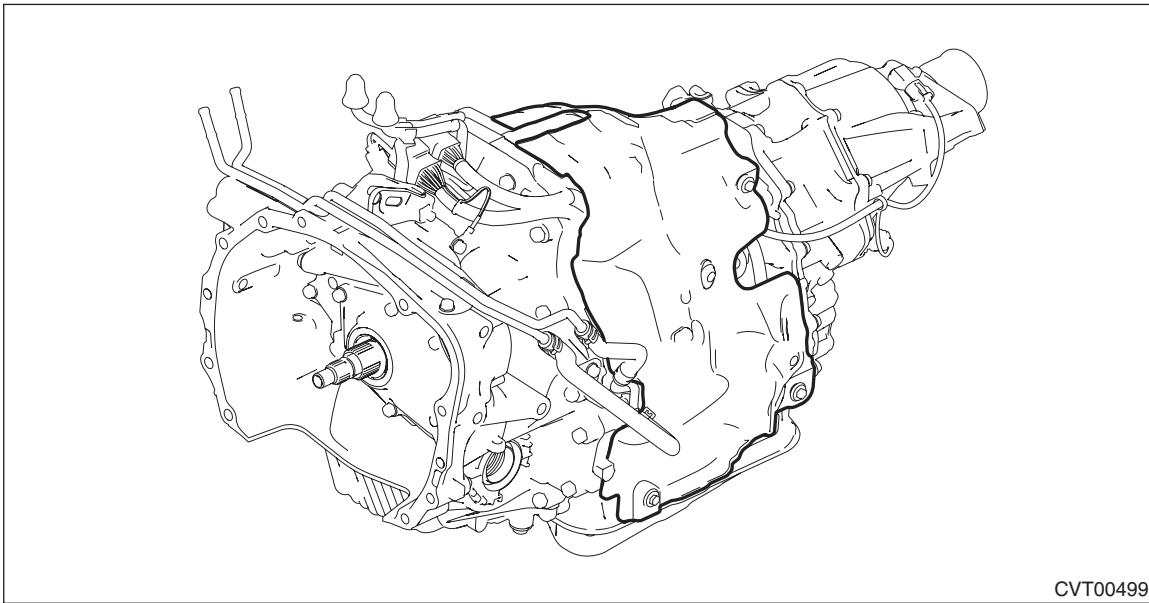
15. Secondary Speed Sensor

A: REMOVAL

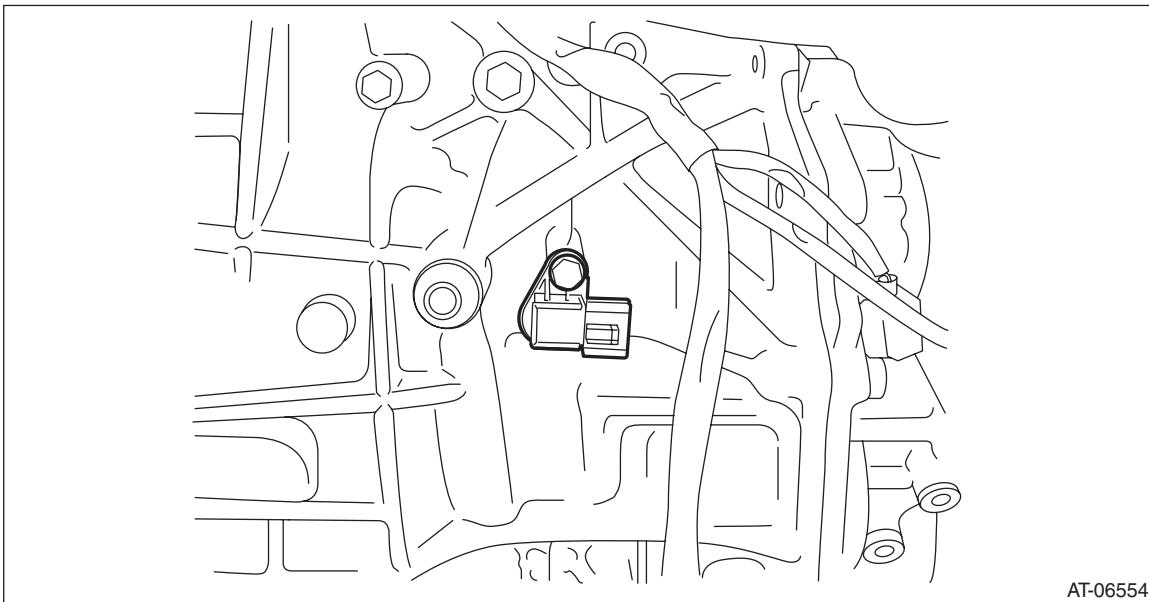
CAUTION:

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

- 1) Remove the transmission from the vehicle. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the transmission cover on the transmission upper side.



- 3) Remove the secondary speed sensor harness connector.
- 4) Remove the secondary speed sensor.



Secondary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

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.

Install in the reverse order of removal.

NOTE:

- Use new O-rings.
- Apply CVTF to the O-ring.

Tightening torque:

Secondary speed sensor

5 N·m (0.5 kgf-m, 3.7 ft-lb)

Transmission cover

8 N·m (0.8 kgf-m, 5.9 ft-lb)

C: INSPECTION

1) Remove the bulkhead harness connector from TCM. <Ref. to CVT(TR690)-126, REMOVAL, Transmission Control Module (TCM).>

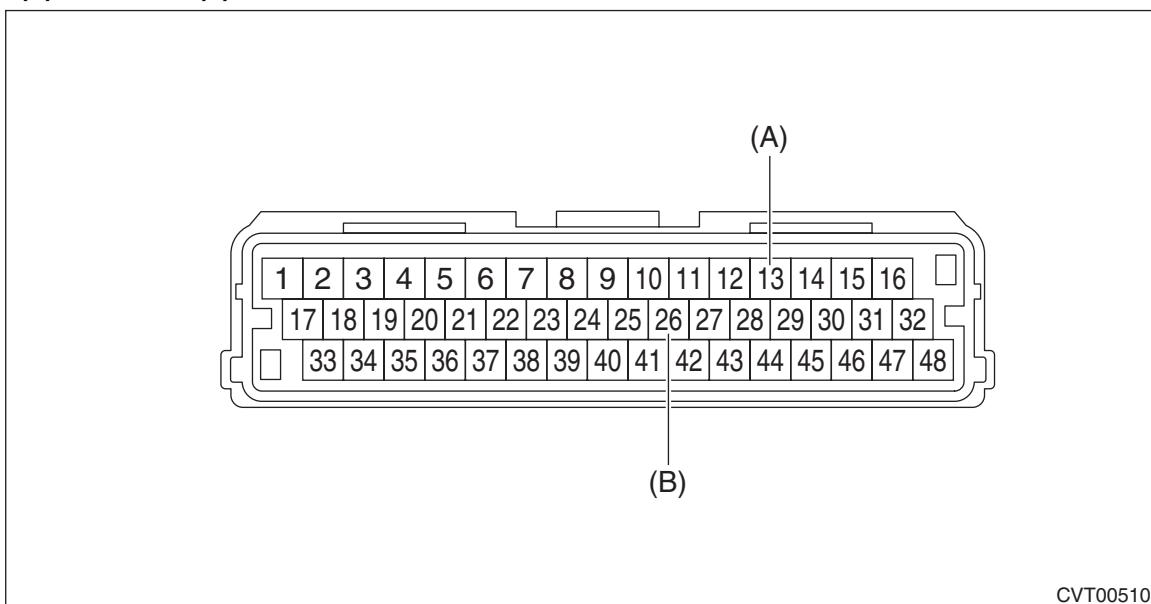
2) Set the ST between the TCM and bulkhead harness.

ST 18460AA040 CHECK BOARD

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

Terminals:

No. 13 (+) — No. 26 (-)



CVT00510

(A) + probe

(B) - probe

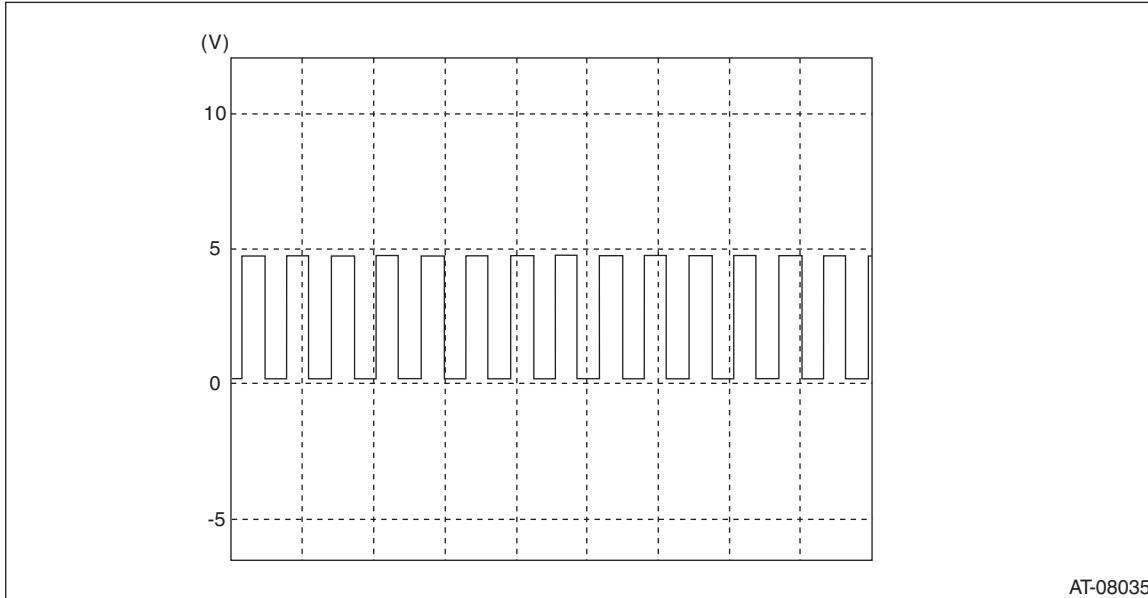
Secondary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

- 4) Start and warm up the engine.
- 5) Check the waveform of secondary speed sensor with engine idling.

NOTE:

The waveform cycle changes as the speed changes.



AT-08035