

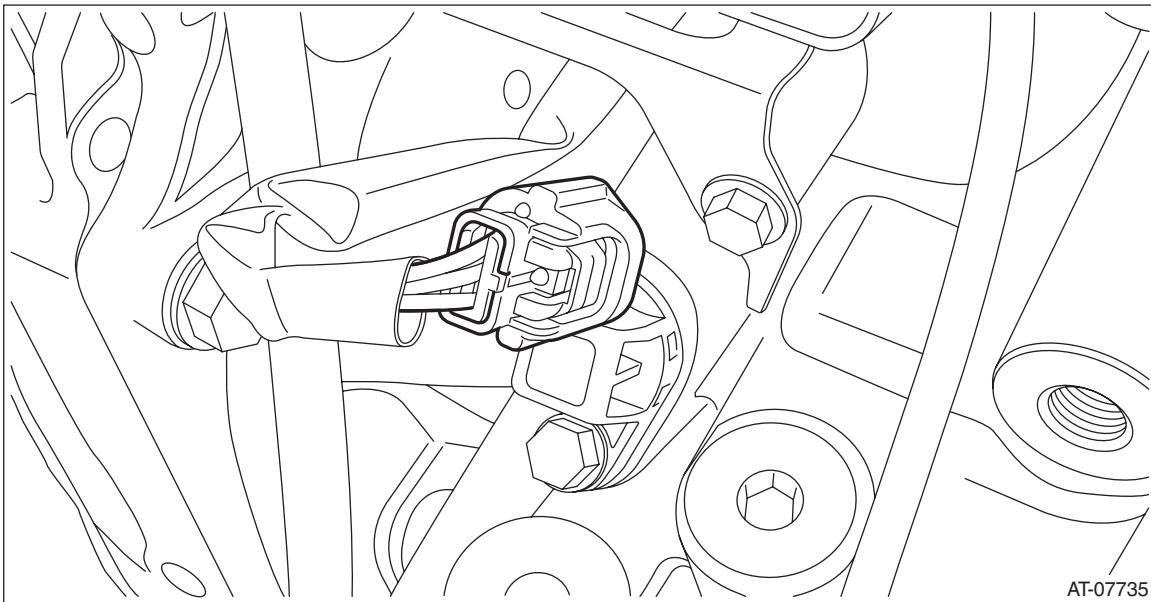
16.Primary Speed Sensor

A: REMOVAL

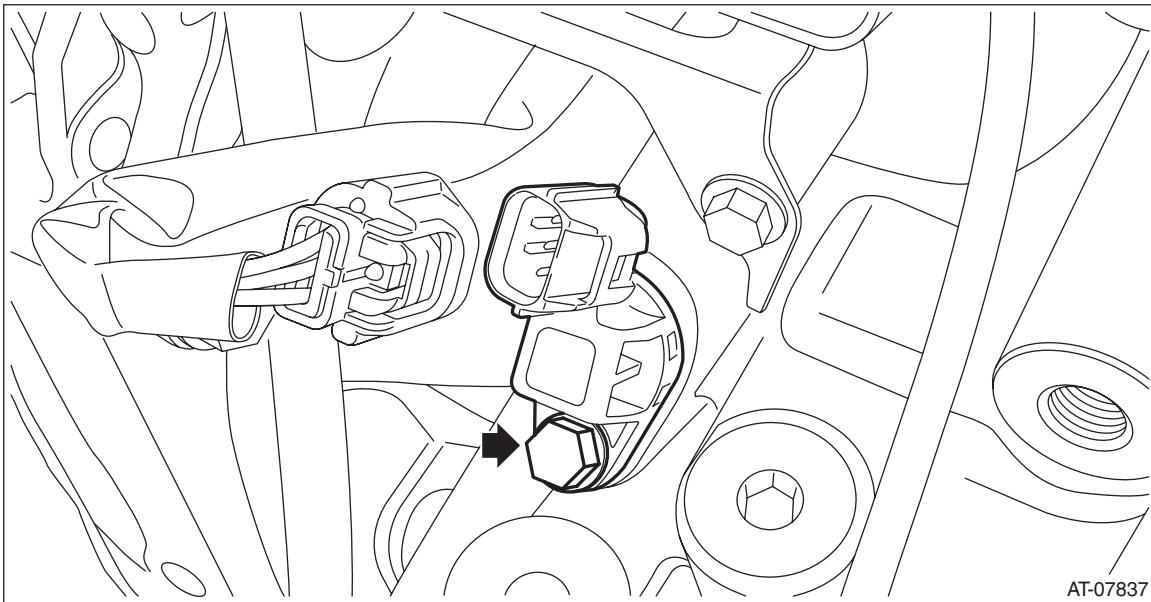
CAUTION:

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) Disconnect the ground terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 2) Remove the intercooler. <Ref. to IN(w/o STI)-38, REMOVAL, Intercooler.>
- 3) Clean the transmission exterior.
- 4) Remove the primary speed sensor harness connector.



- 5) Remove the primary speed sensor and the spacer.



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.

CAUTION:

Do not forget to install the spacer.

NOTE:

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

Tightening torque:

Primary speed sensor

5 N·m (0.5 kgf·m, 3.7 ft-lb)

C: INSPECTION

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

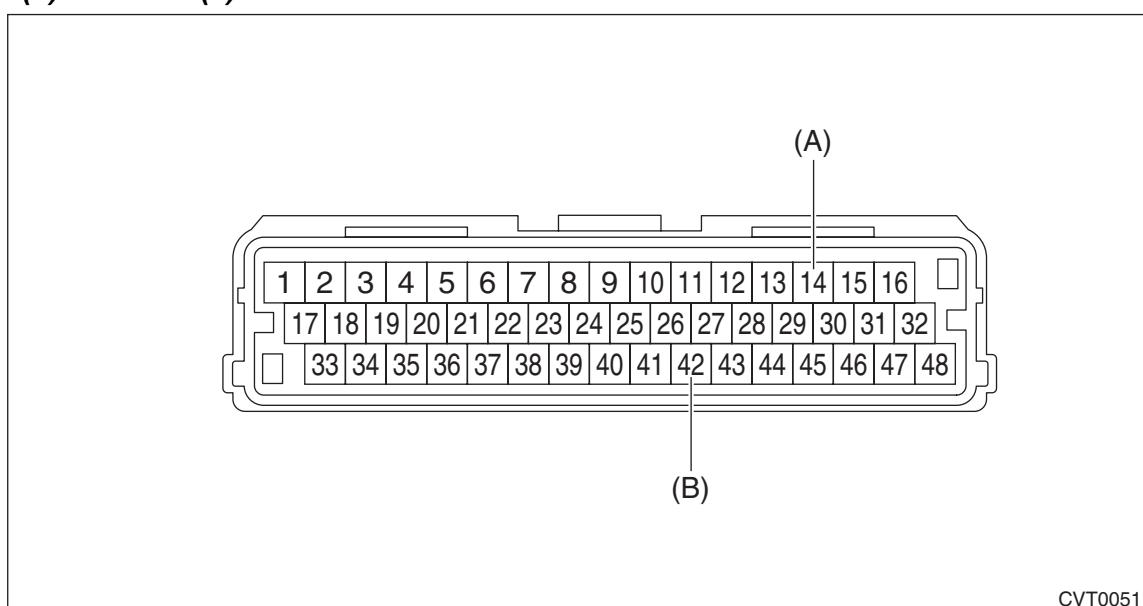
2) Set the ST between the TCM and bulkhead harness.

ST 18460AA040 CHECK BOARD

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

Terminals:

No. 14 (+) — No. 42 (-)



CVT00511

(A) + probe

(B) - probe

Primary Speed Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

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

NOTE:

The waveform cycle changes as the speed changes.

