

## Secondary Speed Sensor

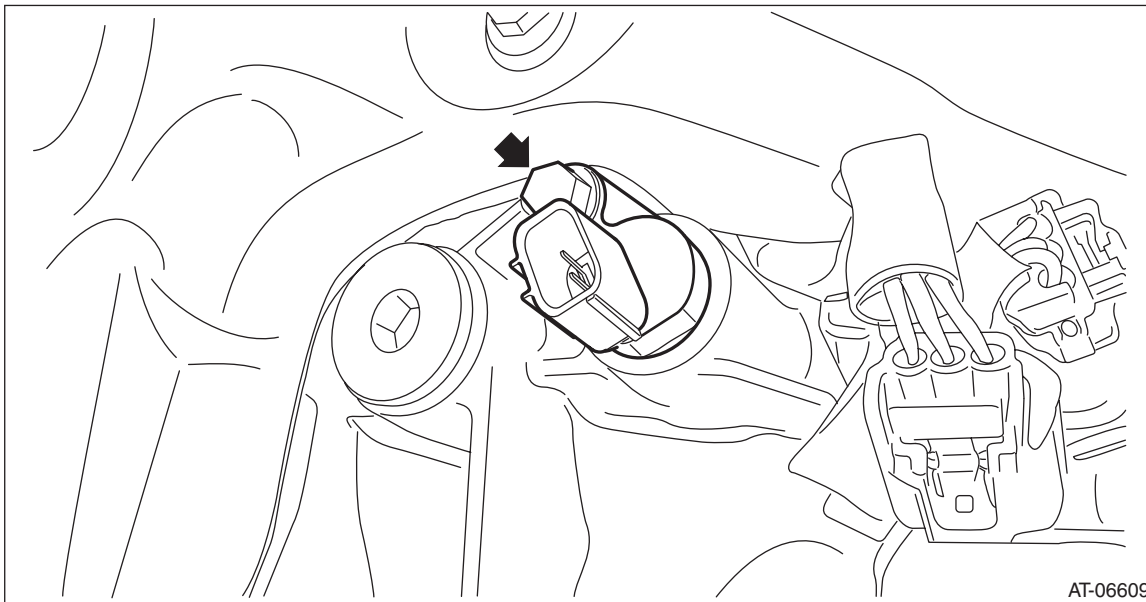
CONTINUOUSLY VARIABLE TRANSMISSION

### 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 under cover front - transmission.
  - 3) Remove the harness connector from secondary speed sensor.
  - 4) 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:*

***Secondary speed sensor***

***7 N·m (0.7 kgf-m, 5.2 ft-lb)***

***Under cover front - transmission***

***18 N·m (1.8 kgf-m, 13.3 ft-lb)***

# Secondary Speed Sensor

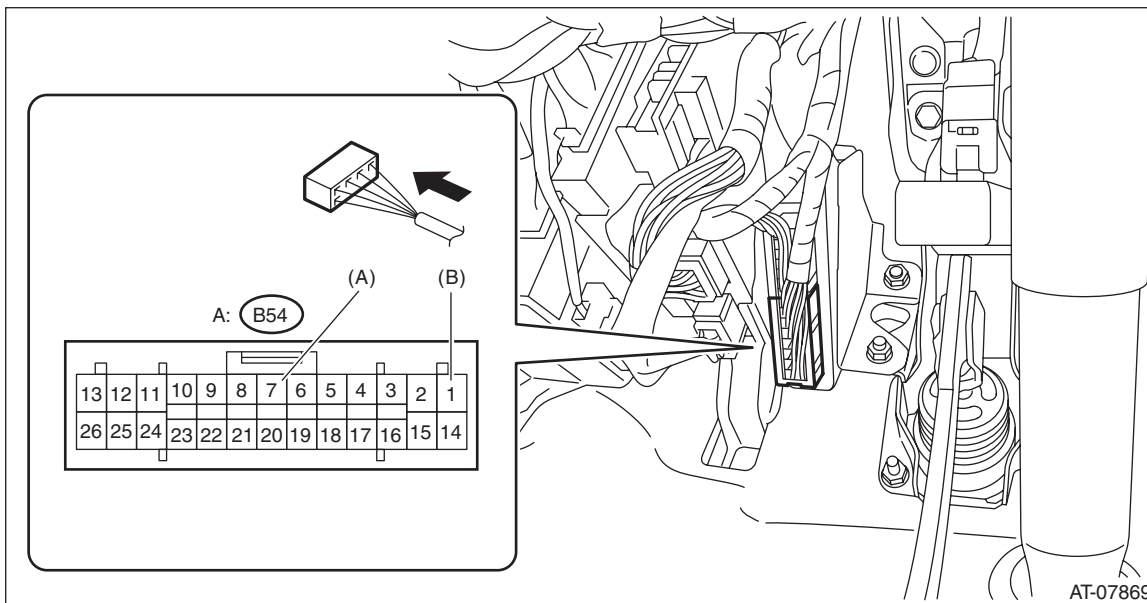
CONTINUOUSLY VARIABLE TRANSMISSION

## C: INSPECTION

1) Set the probe of oscilloscope to TCM harness connector.

### Connector & terminal

(B54) No. 7 (+) — No. 1 (—):



(A) + probe

(B) — probe

2) Start and warm up the engine.

3) 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.**

4) Shift the select lever to “D” range.

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

### NOTE:

The waveform cycle changes as the speed changes.

