

Secondary Pressure Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

19.Secondary Pressure Sensor

A: REMOVAL

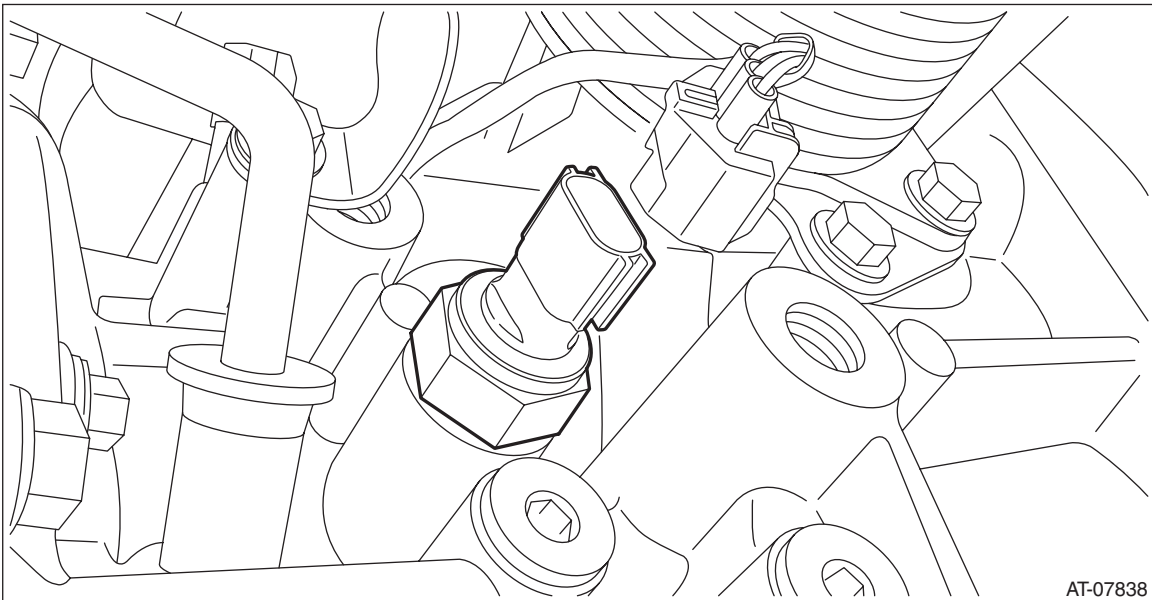
CAUTION:

- Be sure to prevent water or oil from contacting the connector terminal of secondary pressure sensor. If adhesion occurs, replace with a new part.
- When removing secondary pressure sensor, CVTF may let out. If CVTF has leaked, adjust the CVTF level after installing the secondary pressure sensor.

- 1) Disconnect the ground cable from battery.
- 2) Lift up the vehicle.
- 3) Clean the transmission exterior.
- 4) Remove the secondary pressure sensor harness connector.
- 5) Remove the secondary pressure sensor.

NOTE:

Use Ko-ken 3/8 12-point 27 mm (manufacturer product No. 3305M-27) deep socket.



B: INSTALLATION

CAUTION:

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

Install in the reverse order of removal.

NOTE:

Use new O-rings.

Tightening torque:

39 N·m (4.0 kgf-m, 28.8 ft-lb)

C: INSPECTION

NOTE:

Leave it for 10 minutes or more after the engine stops, and then perform the inspection.

1) Check that the CVTF temperature is 10 — 80°C (50 — 176°F) using the Subaru Select Monitor.

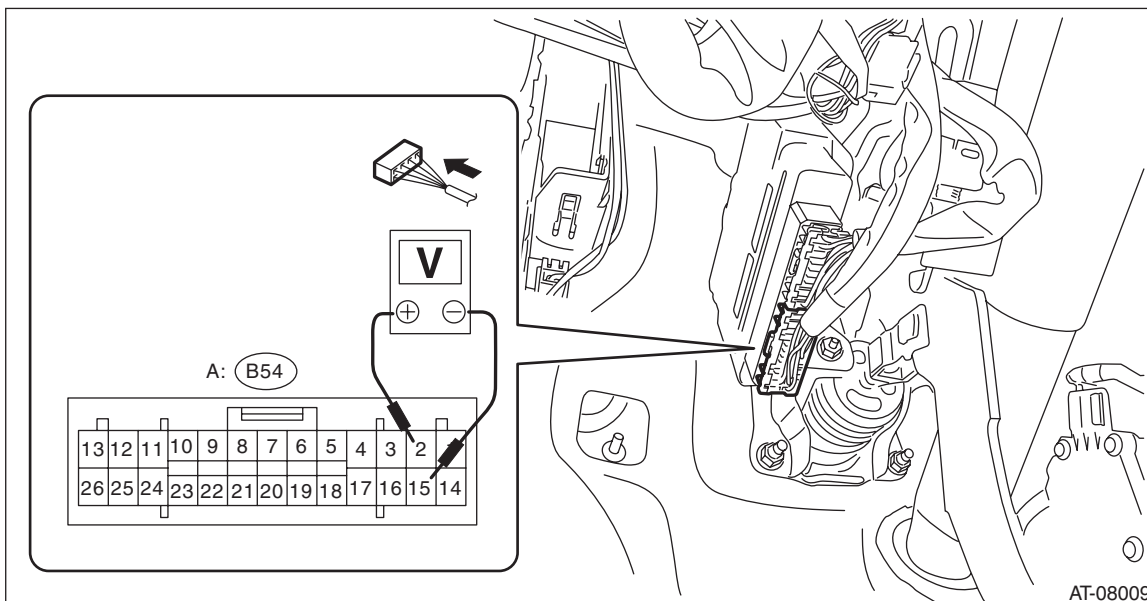
2) Check the power supply voltage of the secondary pressure sensor.

Connector & terminal

(B54) No. 2 (+) — No. 15 (–):

Standard

4.8 — 5.2 V



3) Check the voltage of the secondary pressure sensor.

Connector & terminal

(B54) No. 17 (+) — No. 15 (–):

Standard

0.45 — 0.55 V

