

Secondary Pressure Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

19. Secondary Pressure Sensor

A: REMOVAL

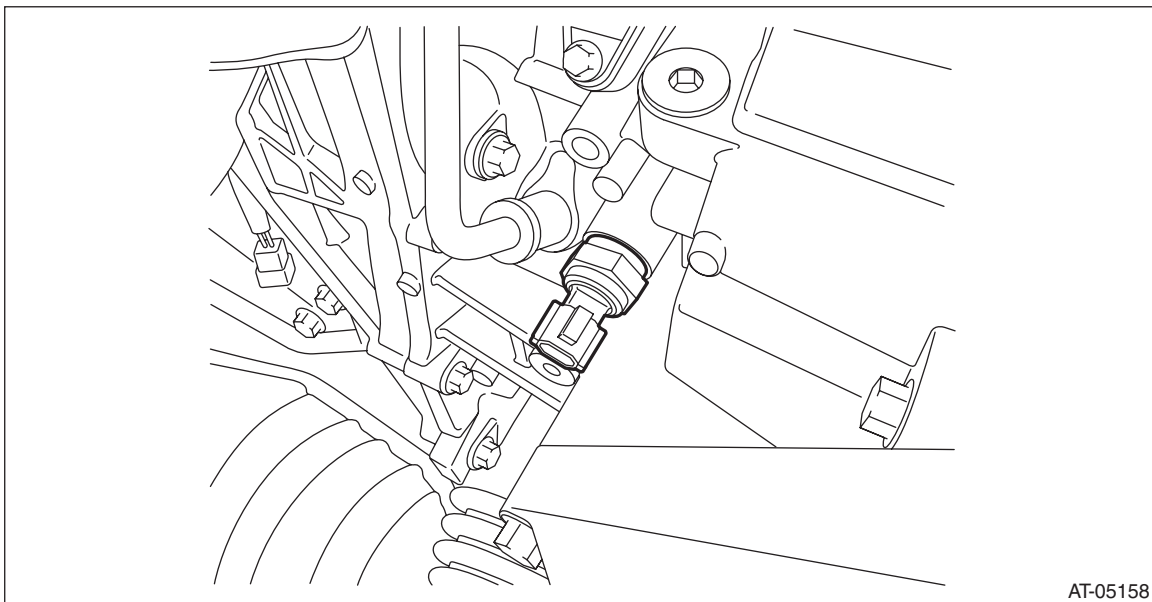
CAUTION:

- 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) Remove the air intake boot assembly. <Ref. to IN(H4SO)-8, REMOVAL, Air Intake Boot.>
- 2) Remove the secondary pressure sensor connector.
- 3) 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)

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C: INSPECTION

NOTE:

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

1) Remove the instrument panel lower cover. <Ref. to EI-63, REMOVAL, Instrument Panel Lower Cover.>

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

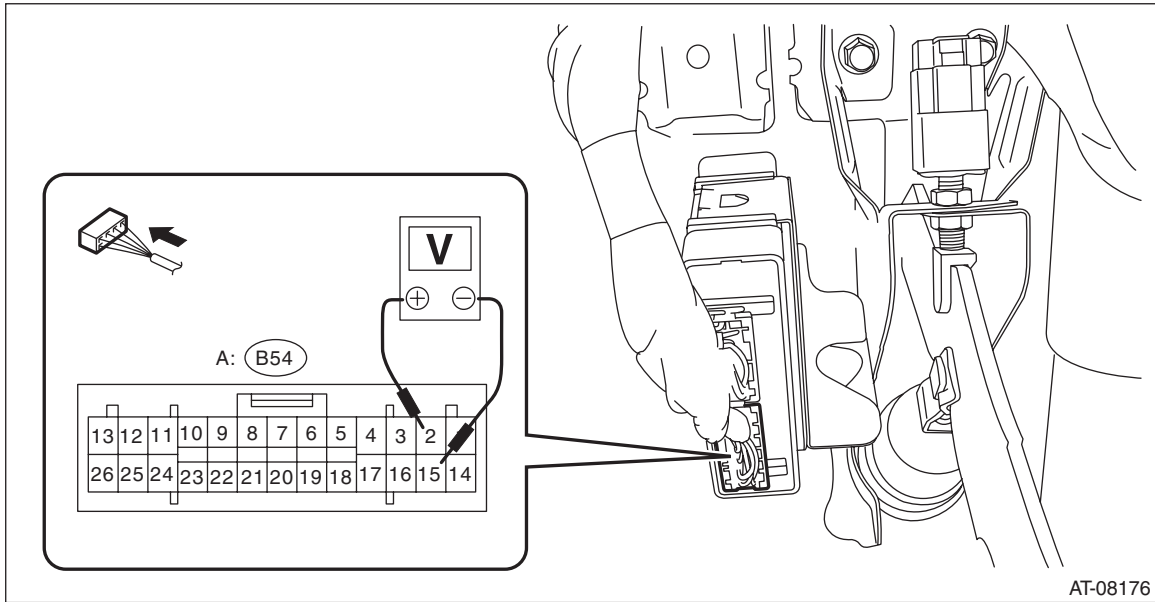
3) Check the power supply voltage of the secondary pressure sensor.

Connector & terminal

(B54) No. 2 (+) — No. 15 (-):

Specification

4.8 — 5.2 V



4) Check the voltage of the secondary pressure sensor.

Connector & terminal

(B54) No. 17 (+) — No. 15 (-):

Specification

0.45 — 0.55 V

