

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 secondary pressure sensor is removed, CVTF leaks. After installing the secondary pressure sensor, adjust the CVTF level.

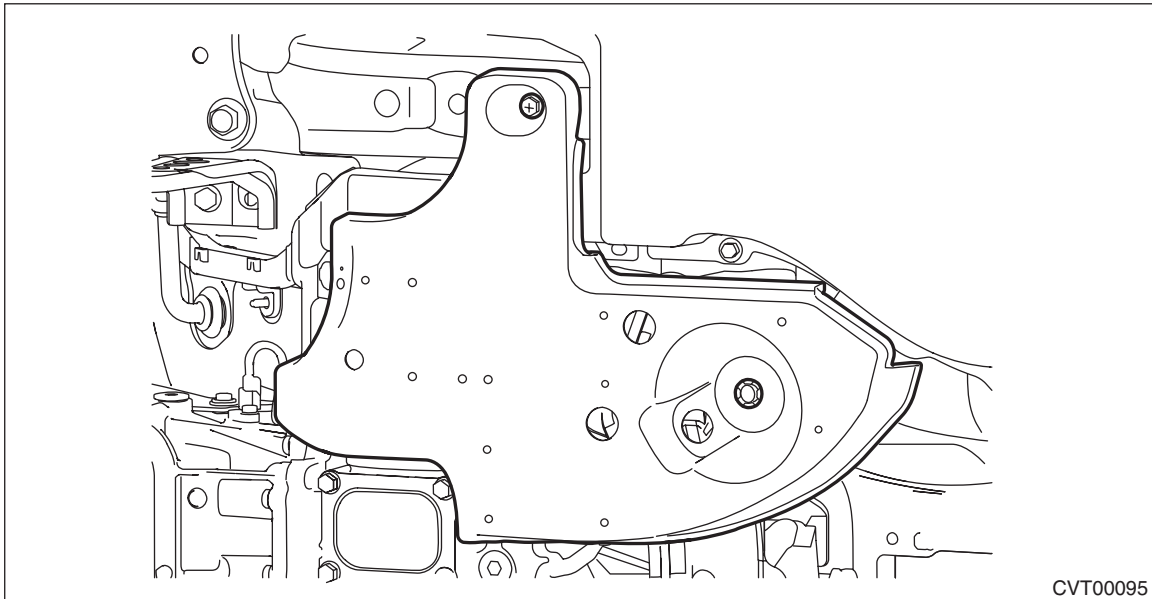
1) Disconnect the ground cable from battery. <Ref. to NT-5, BATTERY, NOTE, Note.>

NOTE:

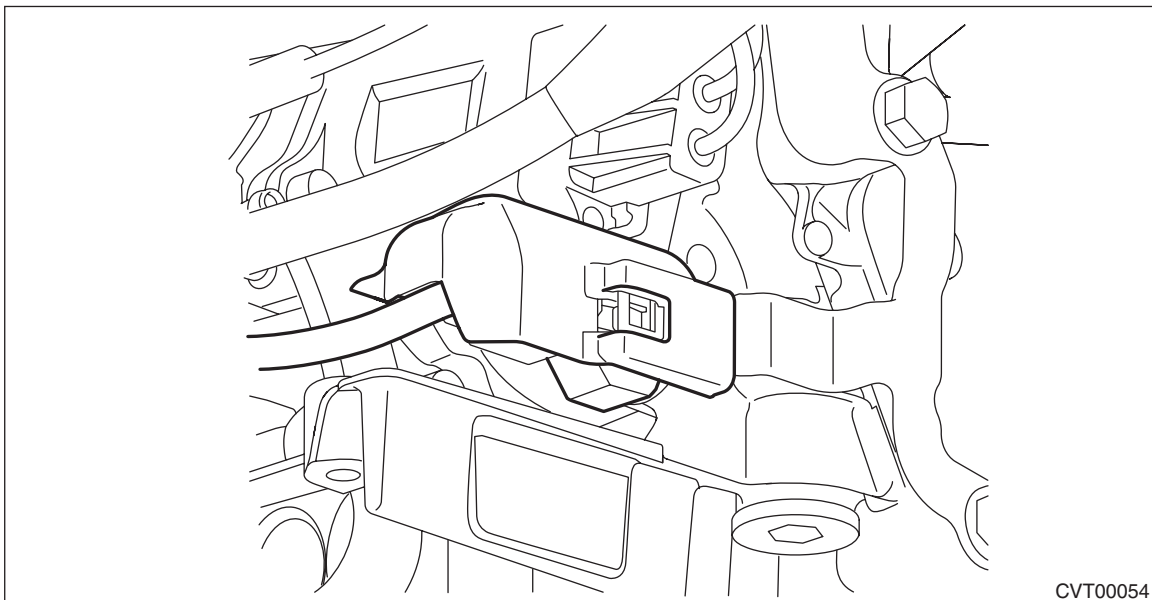
For the 12 volt engine restart battery, disconnect the ground terminal from 12V engine restart battery sensor.

2) Lift up the vehicle.

3) Remove the under cover front - cable.



4) Remove the sensor cover.

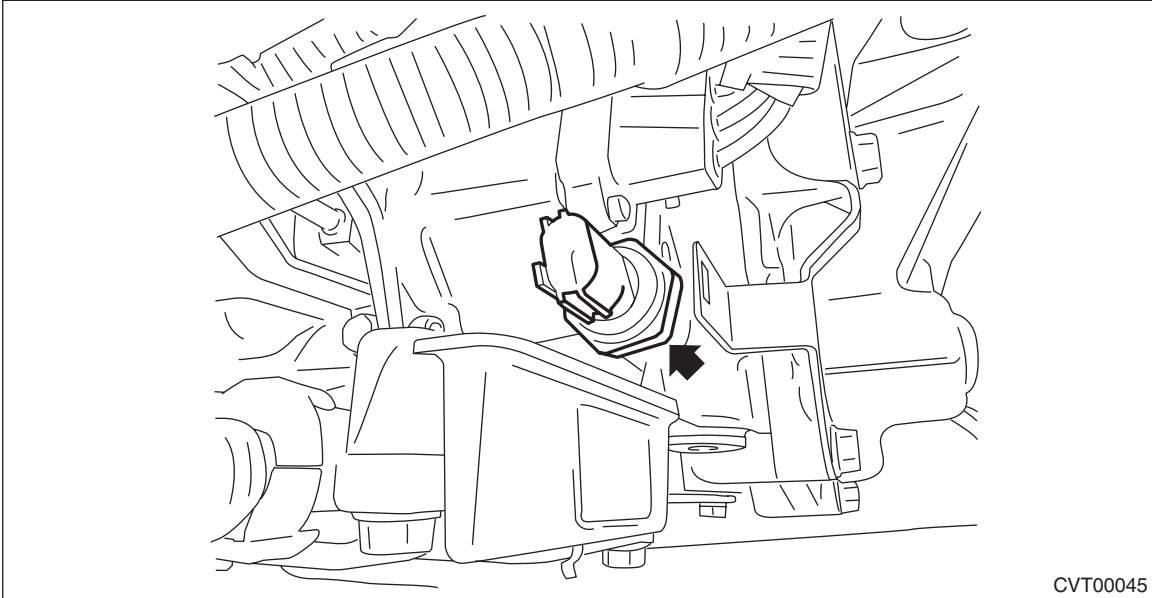


5) Remove the secondary pressure sensor connector.

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6) Remove the secondary pressure sensor.



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:

Secondary pressure sensor
39 N·m (4.0 kgf-m, 28.8 ft-lb)
Under cover front - cable
18 N·m (1.8 kgf-m, 13.3 ft-lb)

C: INSPECTION

- 1) Start the engine in the "P" range, and warm up the engine.
- 2) Depress the brake pedal, and shift the select lever to "D" range.
- 3) Shift the select lever to "N" range.
- 4) Depress the brake pedal and hold it.
- 5) Check "secondary pressure sensor voltage" by using Subaru Select Monitor while the engine is idling.
<Ref. to CVT(HEV)(diag)-15, OPERATION, Subaru Select Monitor.>

Specification:

Approx. 1.0 V

- 6) Check "secondary pressure sensor voltage" by using Subaru Select Monitor while the engine is stopped and the ignition switch is turned on. <Ref. to CVT(HEV)(diag)-15, OPERATION, Subaru Select Monitor.>

Specification:

Approx. 0.5 V