

## Secondary Pressure Sensor

CONTINUOUSLY VARIABLE TRANSMISSION

### 19.Secondary Pressure Sensor

#### A: REMOVAL

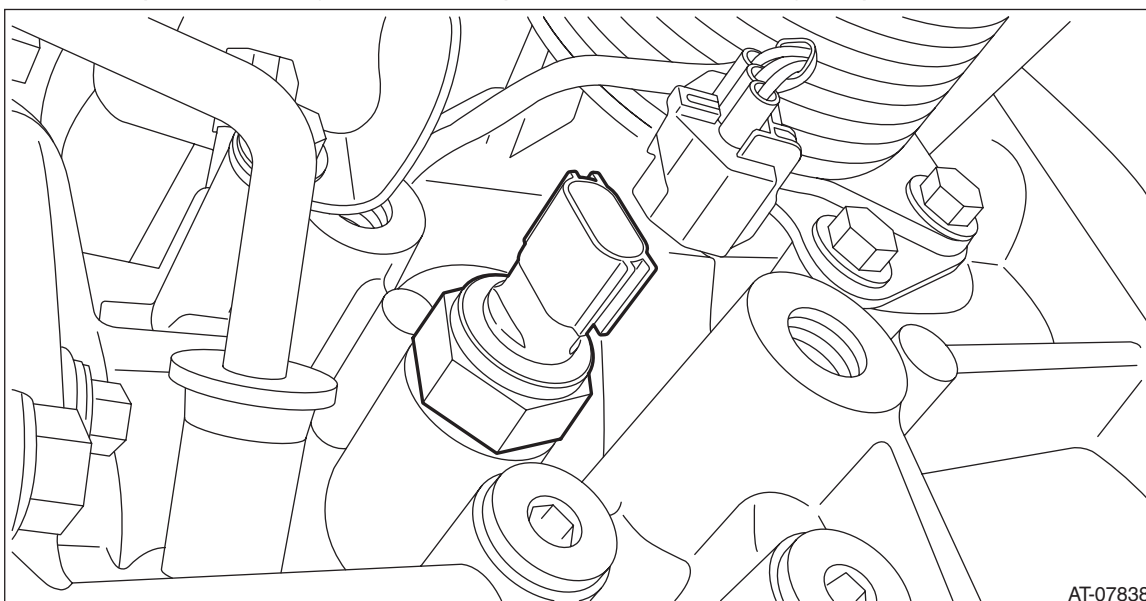
##### CAUTION:

- 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 terminal from battery sensor. <Ref. to NT-5, BATTERY, NOTE, Note.>
- 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.



AT-07838

#### 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

- 1) Start and warm up the engine.
- 2) Shift the select lever to "P" or "N" range.
- 3) Depress the brake pedal and hold it.
- 4) Check "secondary pressure sensor voltage" by using Subaru Select Monitor while the engine is idling.  
<Ref. to CVT(diag)-14, OPERATION, Subaru Select Monitor.>

**Specification:**

**Approx. 0.8 V**

- 5) 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(diag)-14, OPERATION, Subaru Select Monitor.>

**Specification:**

**Approx. 0.5 V**