

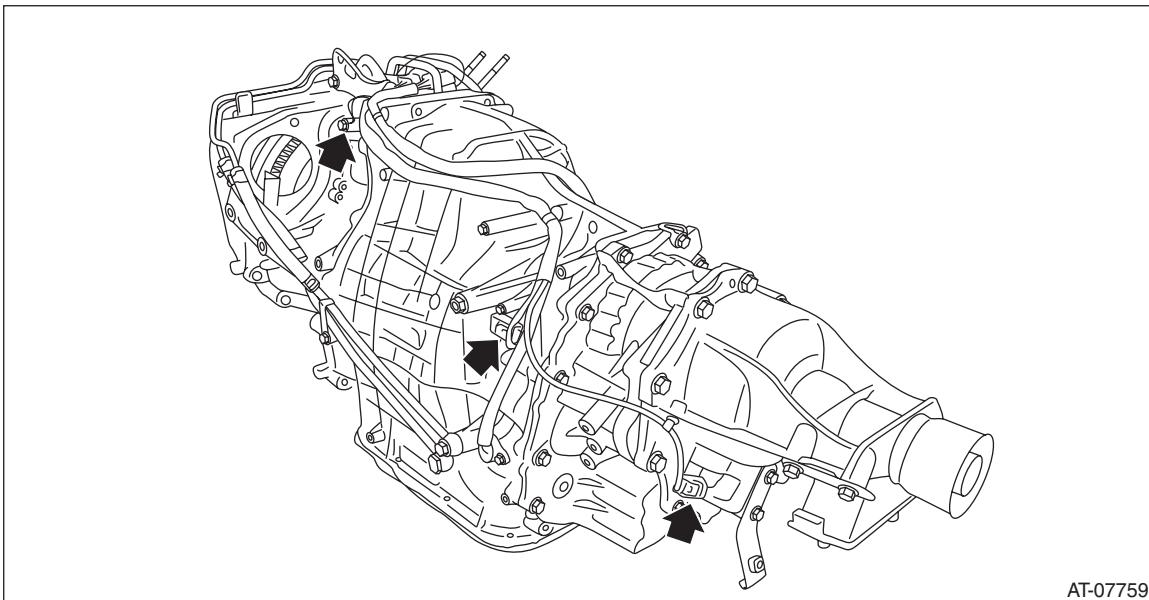
# Transmission Harness

## CONTINUOUSLY VARIABLE TRANSMISSION

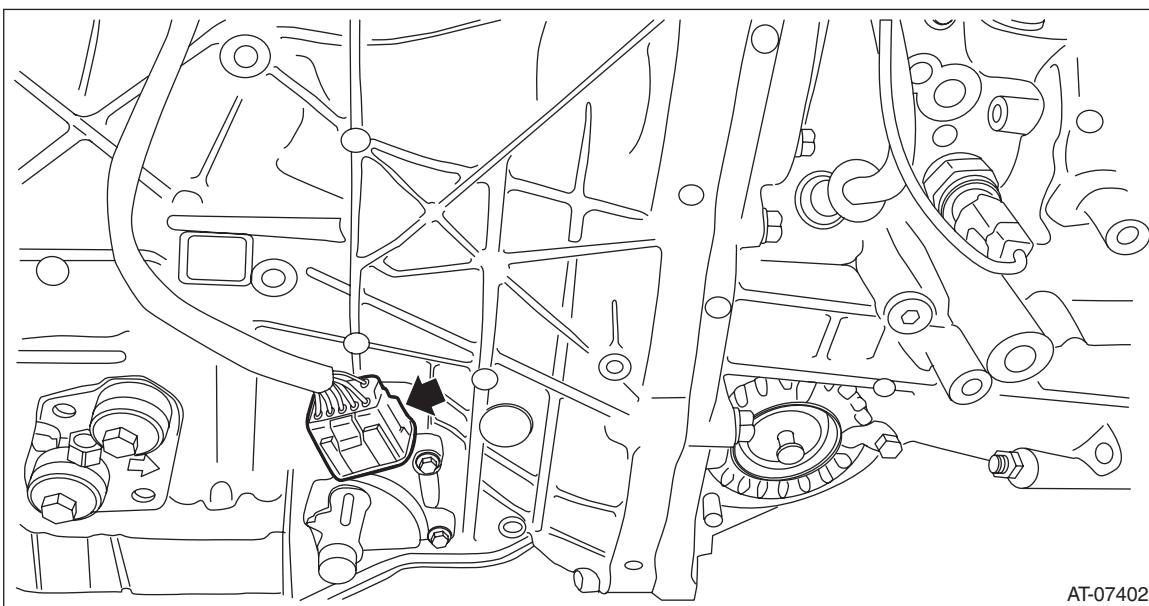
### 21. Transmission Harness

#### A: REMOVAL

- 1) Remove the transmission from the vehicle. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Prepare for overhaul. <Ref. to CVT(TR690)-137, Preparation for Overhaul.>
- 3) Remove the transmission harness ground terminal and remove the harness connectors from front wheel speed sensor and secondary speed sensor.



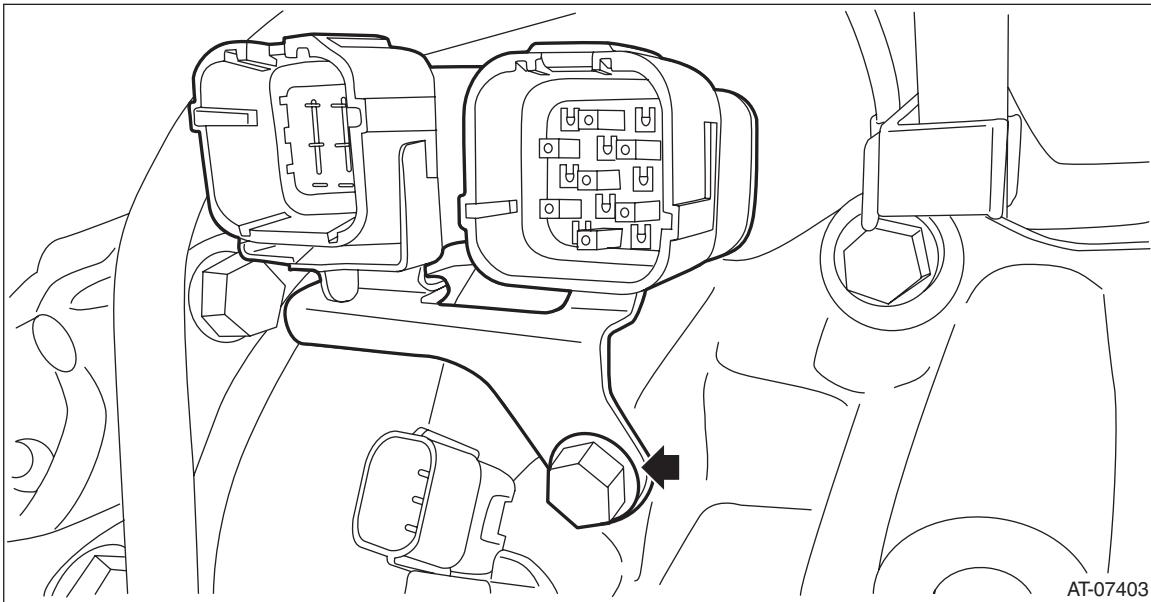
- 4) Remove the harness connectors from inhibitor switch, primary speed sensor and secondary pressure sensor.



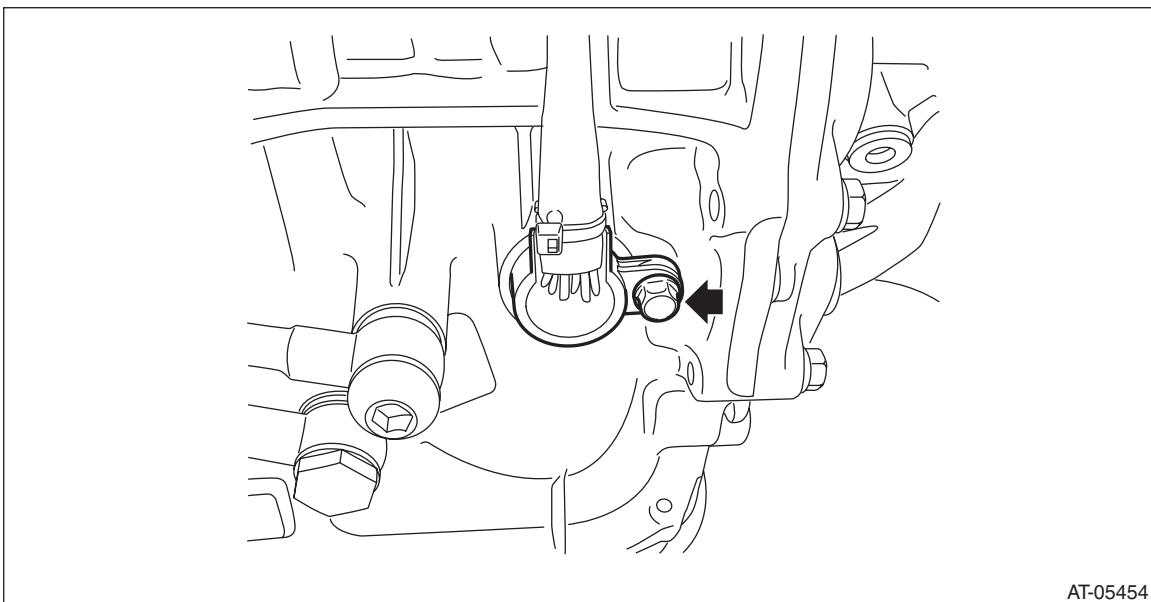
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- 5) Remove the transmission harness stay.



- 6) Remove transmission harness connector and inhibitor harness connector from harness stay.
- 7) Remove the control valve body. <Ref. to CVT(TR690)-109, REMOVAL, Control Valve Body.>
- 8) Remove the mounting bolt to pull out the bushing of transmission harness from transmission case round hole.



- 9) Remove the harness clip from transmission assembly.

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### B: INSTALLATION

Install in the reverse order of removal.

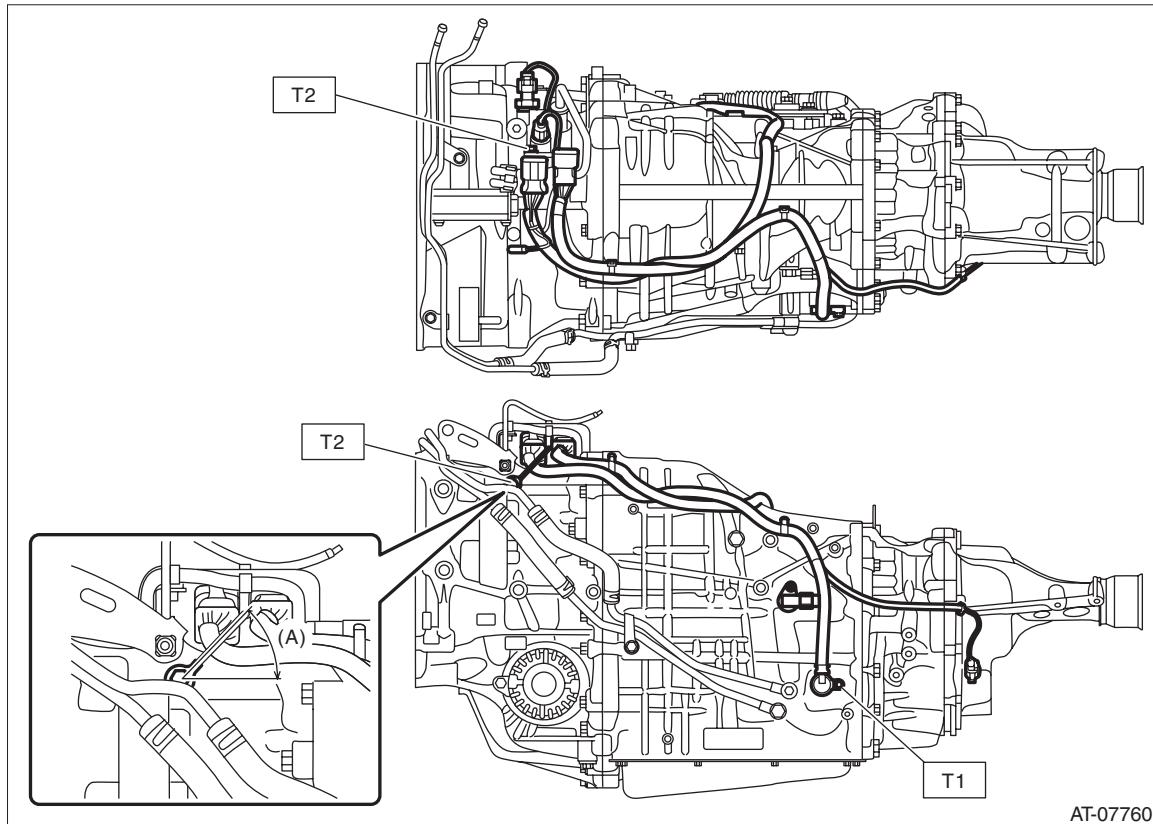
NOTE:

- Use new O-rings.
- Do not impact or bend the transmission harness because it has the oil temperature sensor inside.
- Install the transmission ground terminal at an approximately 45° angle (A).

**Tightening torque:**

**T1: 5 N·m (0.5 kgf-m, 3.7 ft-lb)**

**T2: 16 N·m (1.6 kgf-m, 11.8 ft-lb)**



### C: INSPECTION

- 1) Visually check the harness and connector for damage or crack.
- 2) Check the harness terminal for rust, disconnection or poor contact.
- 3) Check the continuity between harness terminals and oil temperature sensor.

NOTE:

Refer to WIRING SECTION for transmission harness terminal and oil temperature sensor terminal. <Ref. to WI-138, WIRING DIAGRAM, CVT Control System.>

**Harness continuity standard**

**Less than 1 Ω**

**Oil temperature sensor standard**

**Approx. 2.6 kΩ (at 20°C)**