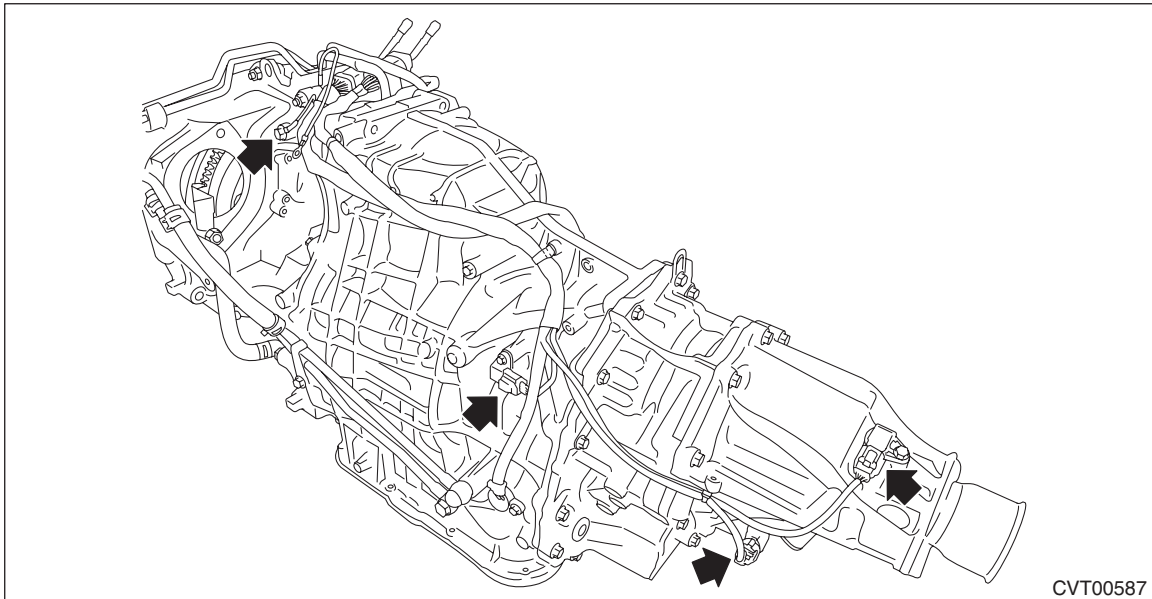


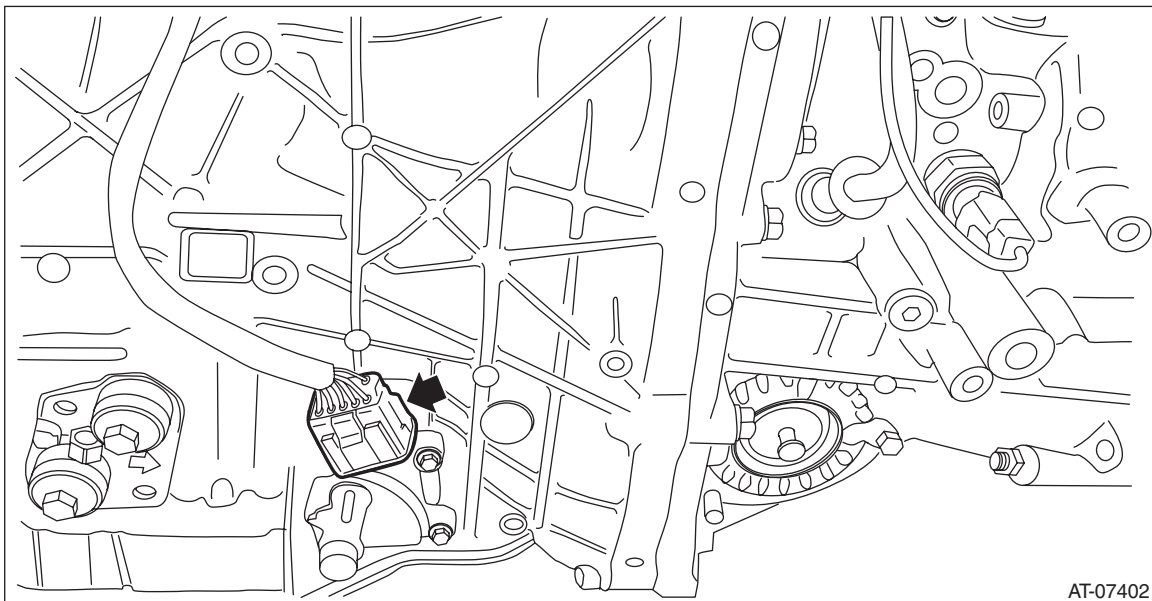
21. Transmission Harness

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)-139, Preparation for Overhaul.>
- 3) Remove the transmission harness ground terminal and remove the harness connectors from front wheel speed sensor, rear wheel speed sensor and secondary speed sensor.



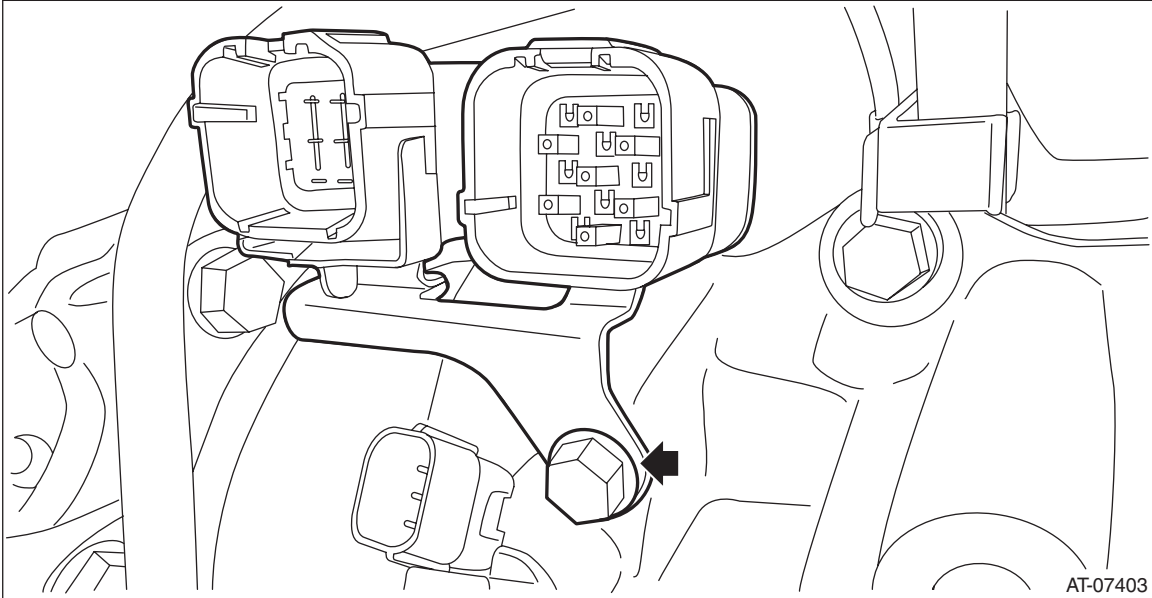
- 4) Remove the harness connectors from inhibitor switch, primary speed sensor and secondary pressure sensor.



Transmission Harness

CONTINUOUSLY VARIABLE TRANSMISSION

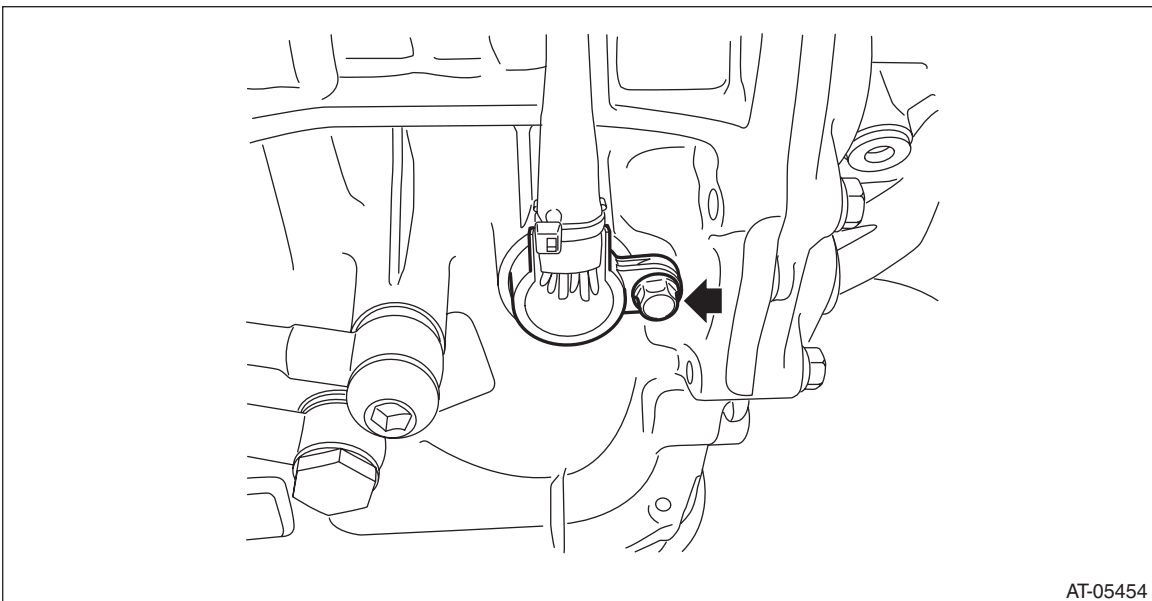
5) Remove the transmission harness stay.



6) Remove transmission harness connector and inhibitor harness connector from harness stay.

7) Remove the control valve body. <Ref. to CVT(TR690)-112, 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.

B: INSTALLATION

Install in the reverse order of removal.

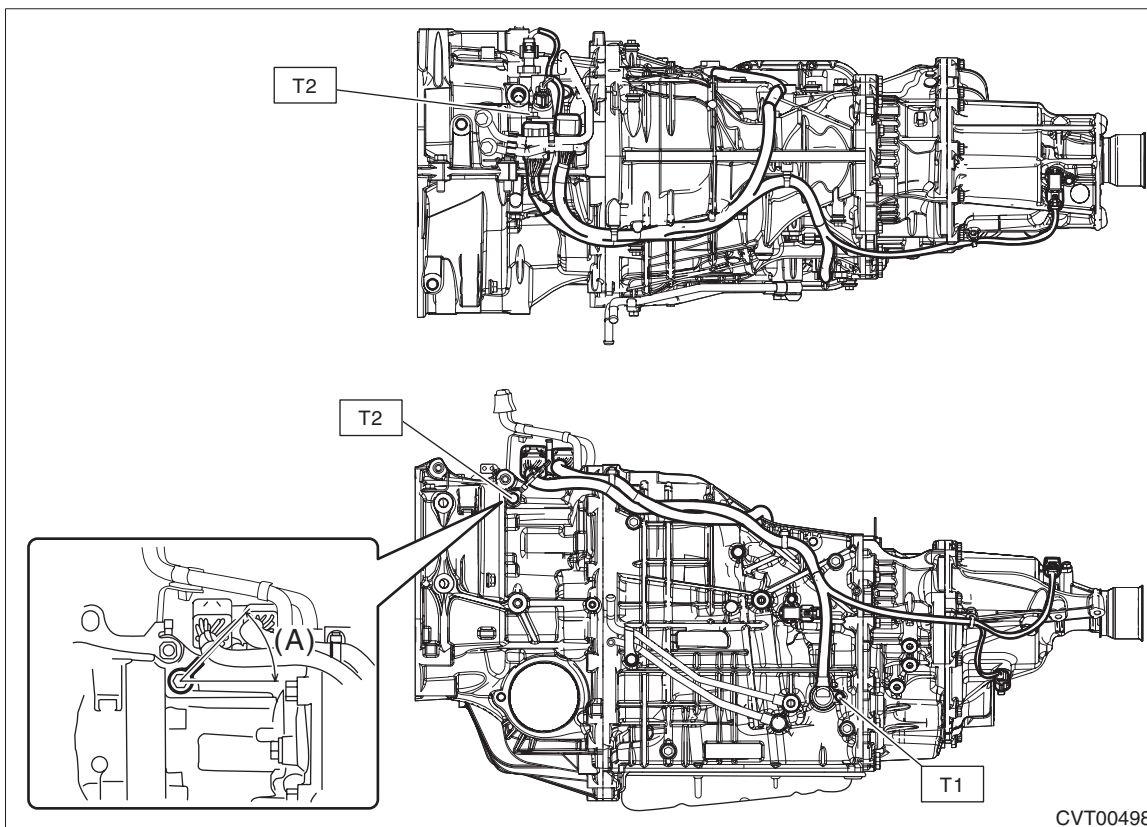
NOTE:

- 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-148, WIRING DIAGRAM, CVT Control System.>

Harness continuity standard

Less than 1 Ω

Oil temperature sensor standard

Approx. 2.6 k Ω (at 20°C)