

1.

Clean the mating surface of valve cover and transmission side.

Caution:

When cleaning the mating surface of the transmission side, be careful not to allow any dust, foreign matter and used liquid gasket to enter the transmission.

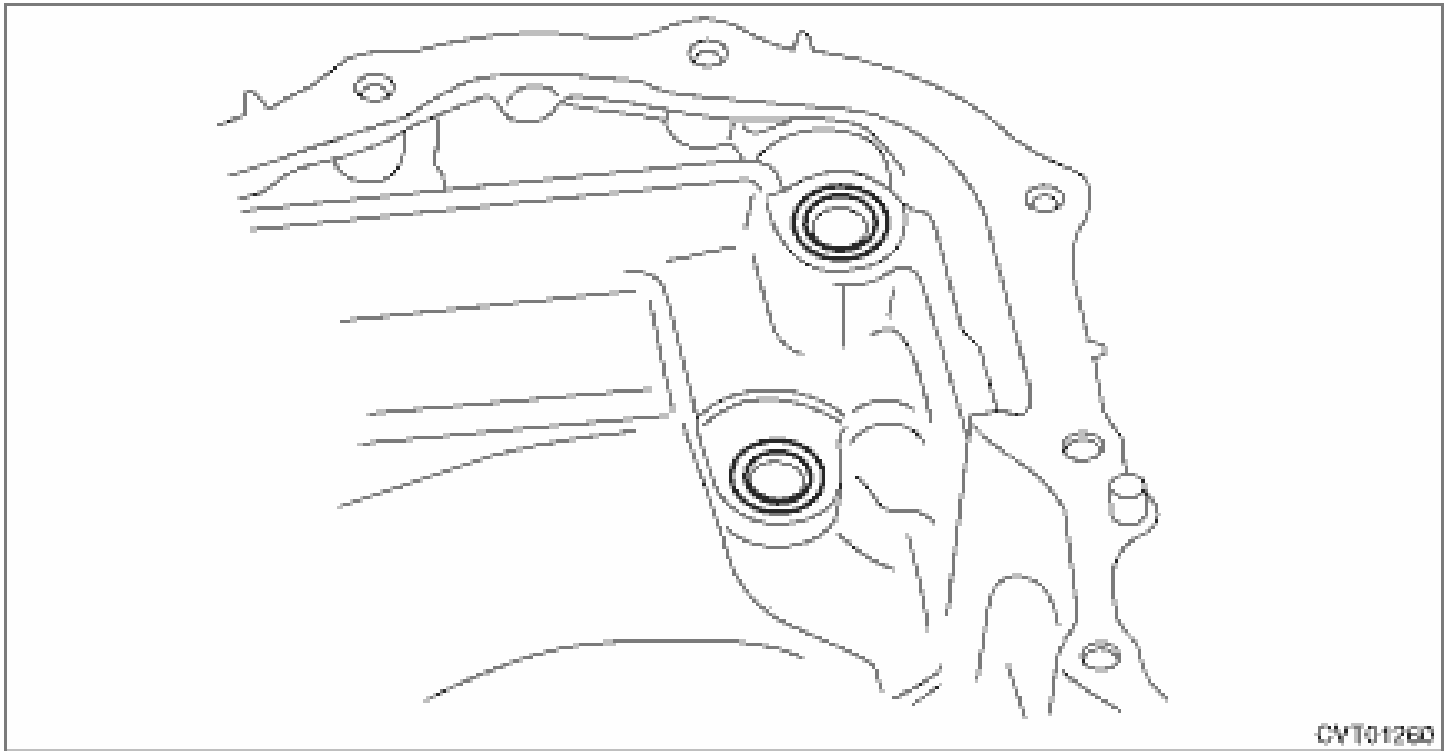
2.

Check the control valve body for dust and other foreign matter.

3.

Install the O-rings.

- Use new O-rings.
- Apply CVTF to the O-rings.



4.

Install the control valve body.

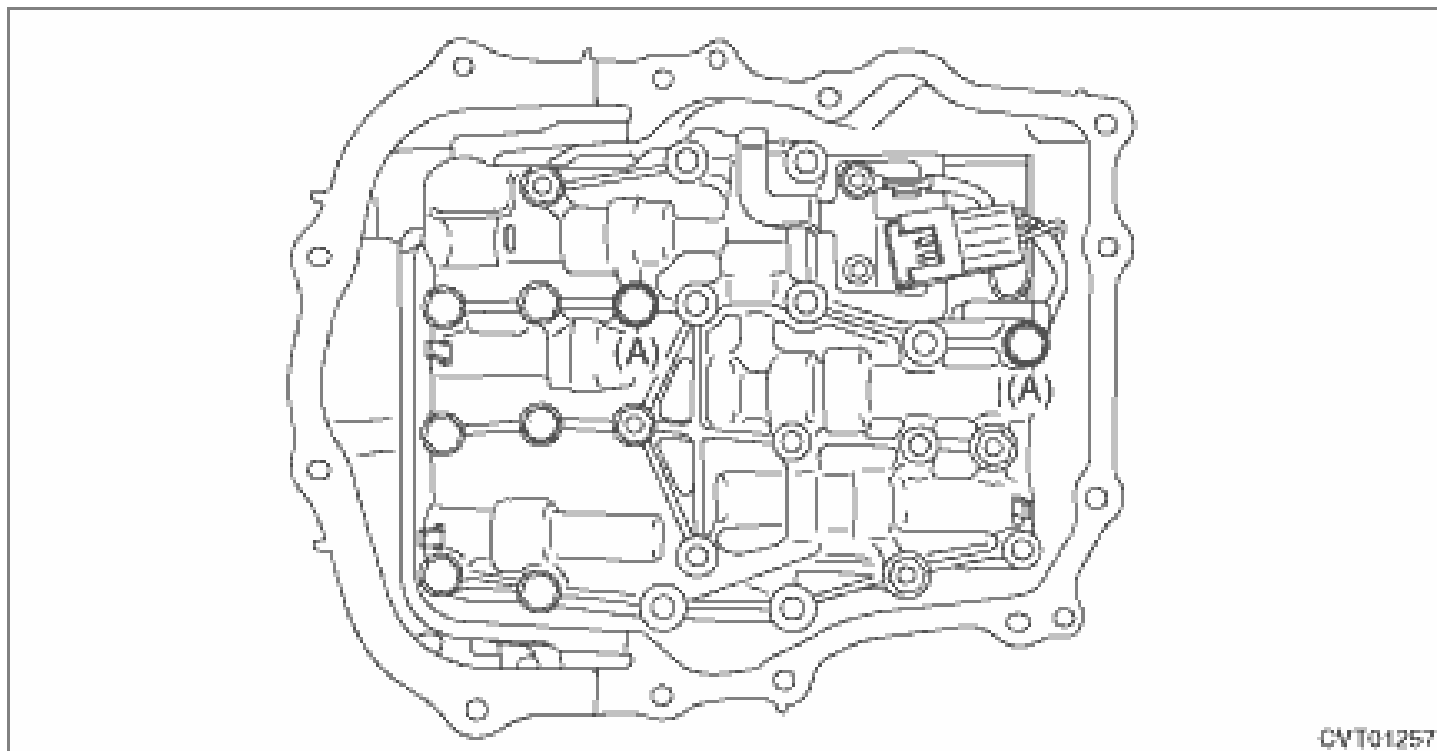
(1)

Install the control valve body to the transmission.

- Do not damage the O-ring.
- Perform installation so that the O-ring is not displaced.

(2)

Temporarily tighten the bolt (A: silver).

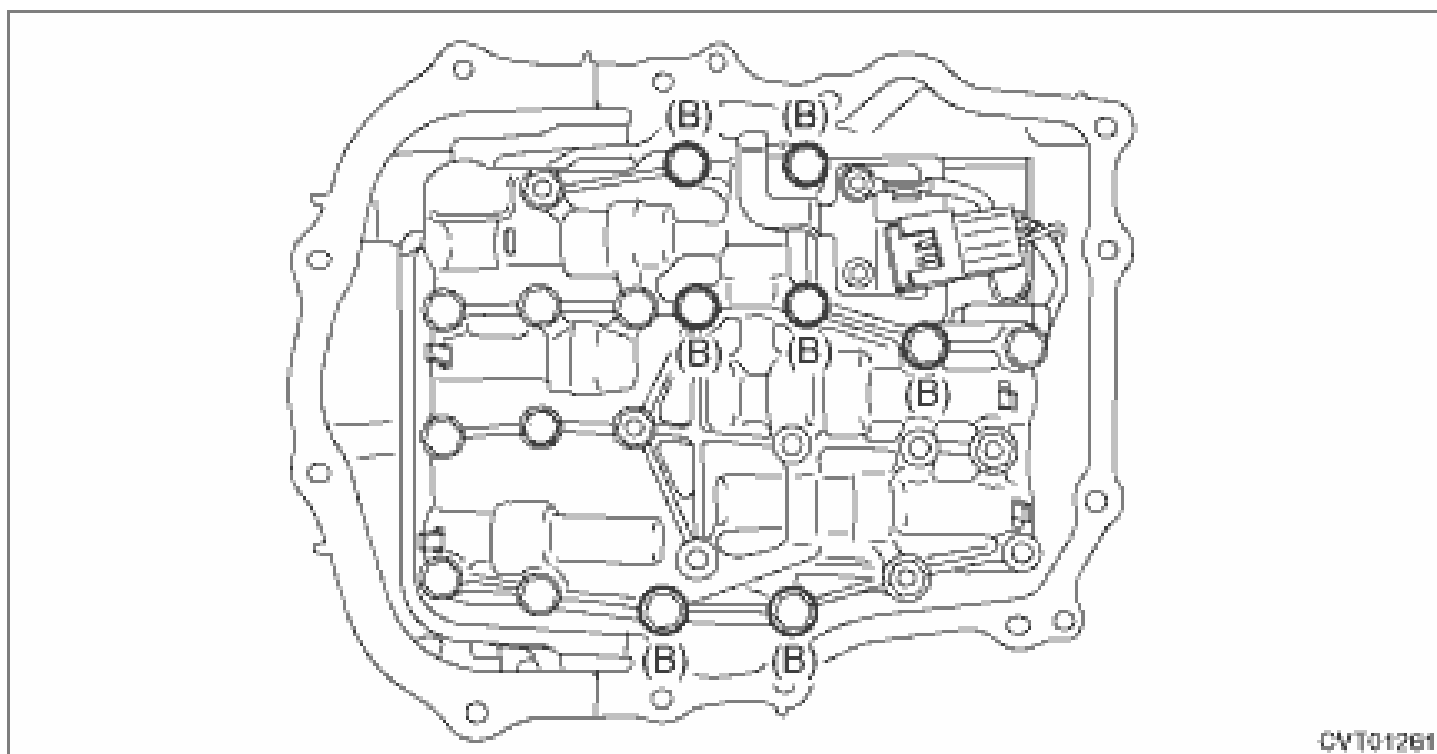


(3)

Attach the bolt (B).

Tightening torque:

9 N·m (0.9 kgf-m, 6.6 ft-lb)

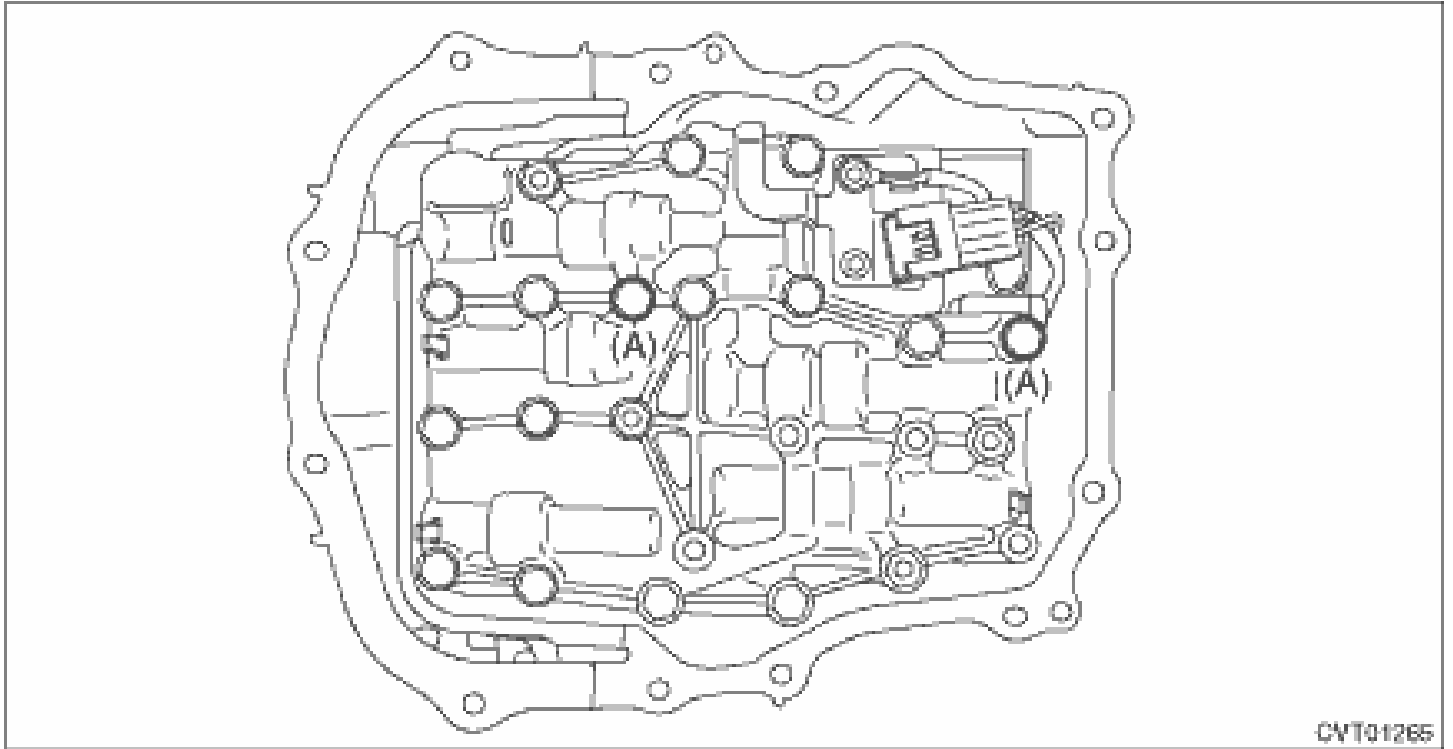


(4)

Tighten the bolt (A: silver).

Tightening torque:

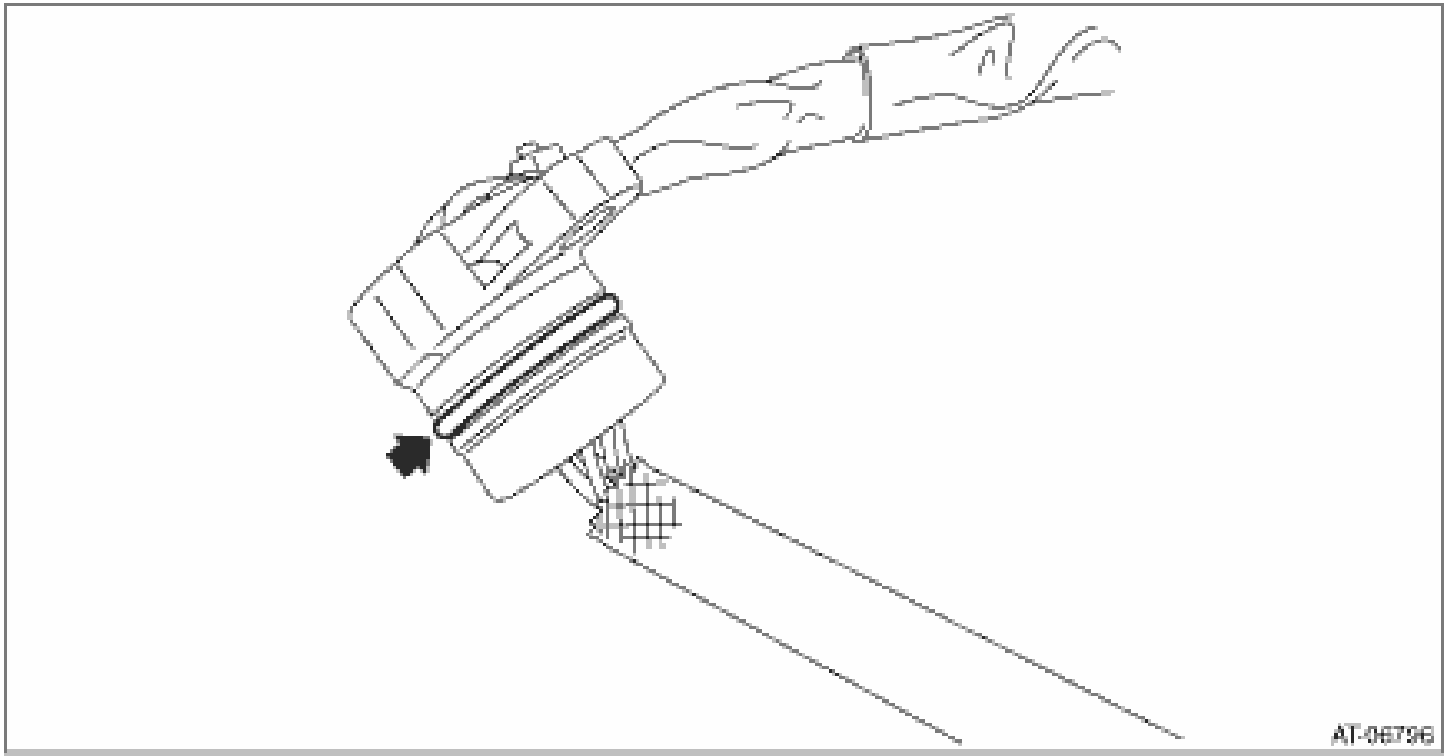
9 N·m (0.9 kgf-m, 6.6 ft-lb)



5.

Install the O-ring to the transmission harness.

- Use new O-rings.
- Apply CVTF to the O-rings.



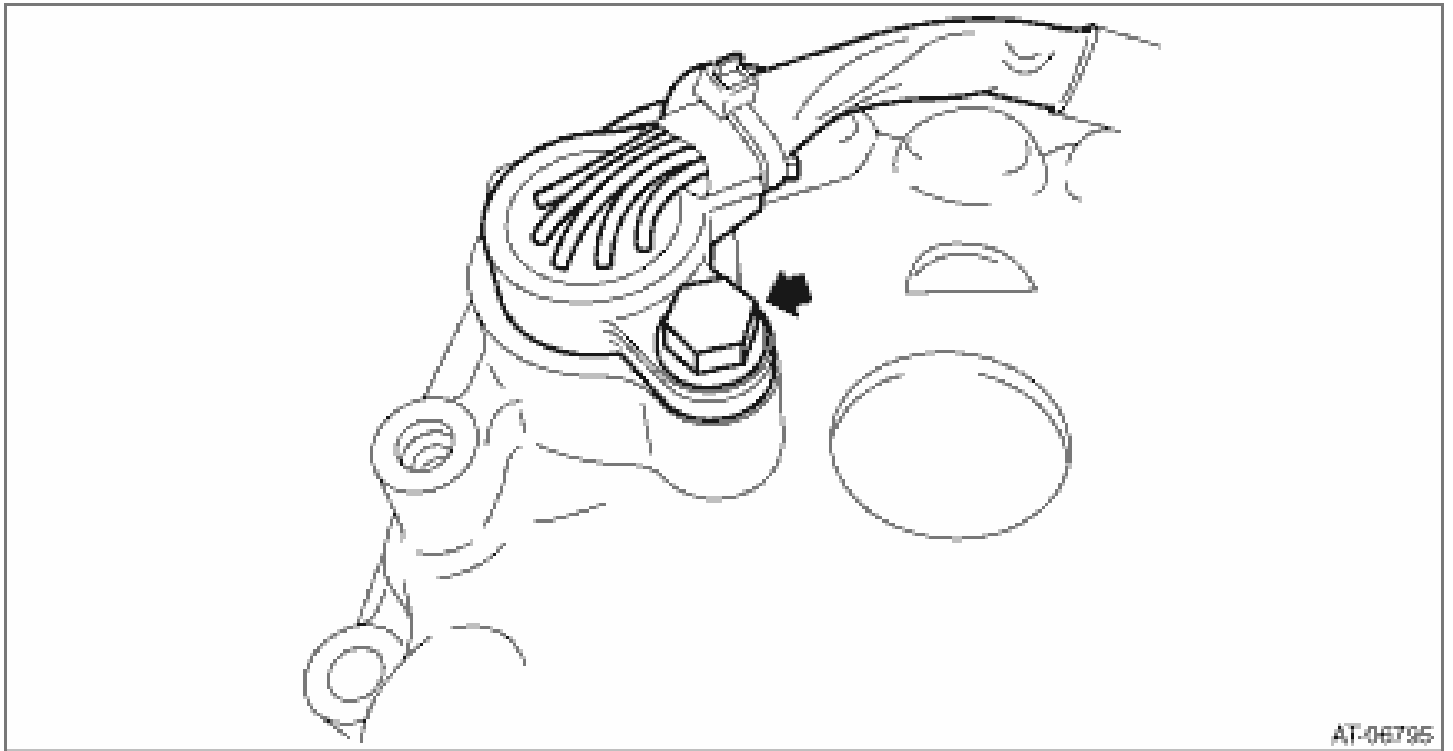
AT-06796

6.

Install the transmission harness to the valve cover.

Tightening torque:

7 N·m (0.7 kgf-m, 5.2 ft-lb)



AT-06795

7.

Install the gasket to the transmission.

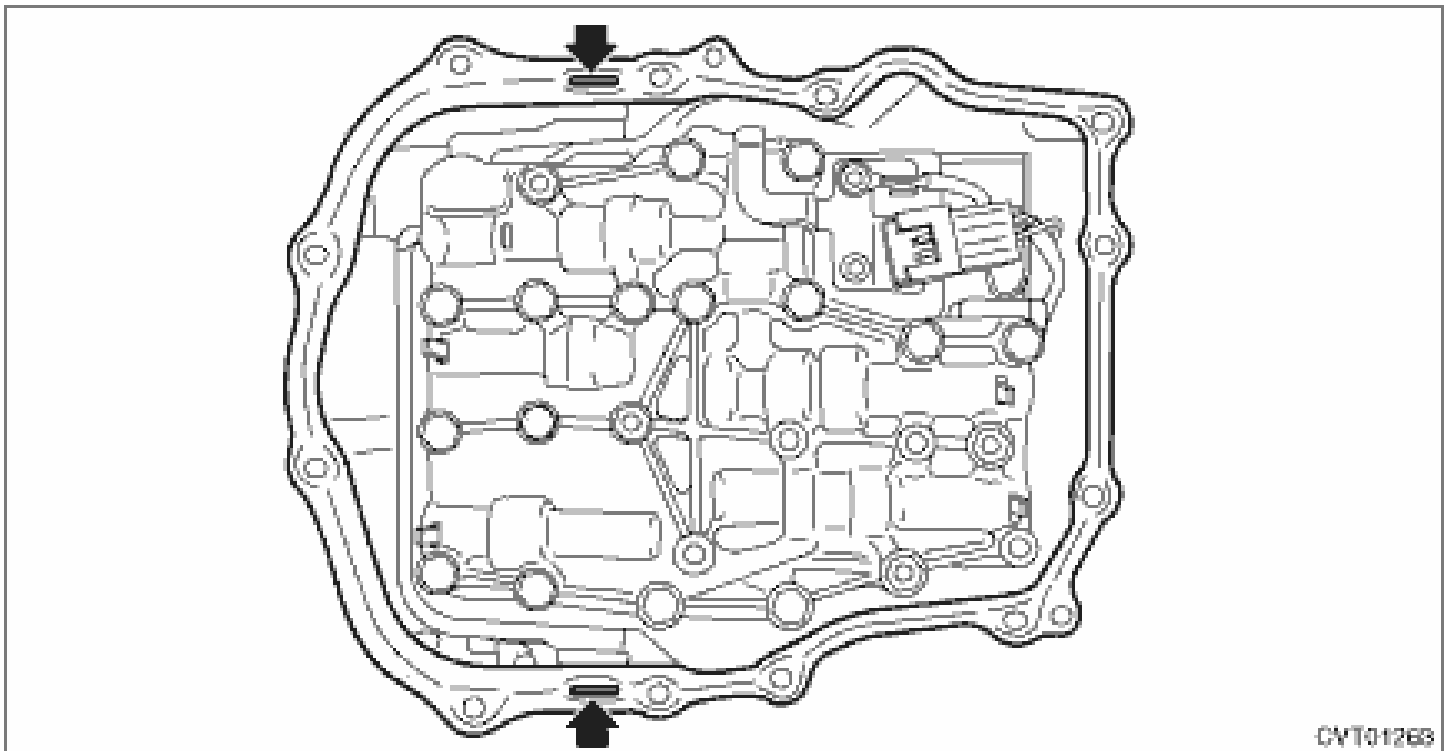
Use a new gasket.

8.

Apply liquid gasket to the oval hole of gasket.

Liquid gasket:

THREE BOND 1215B or equivalent



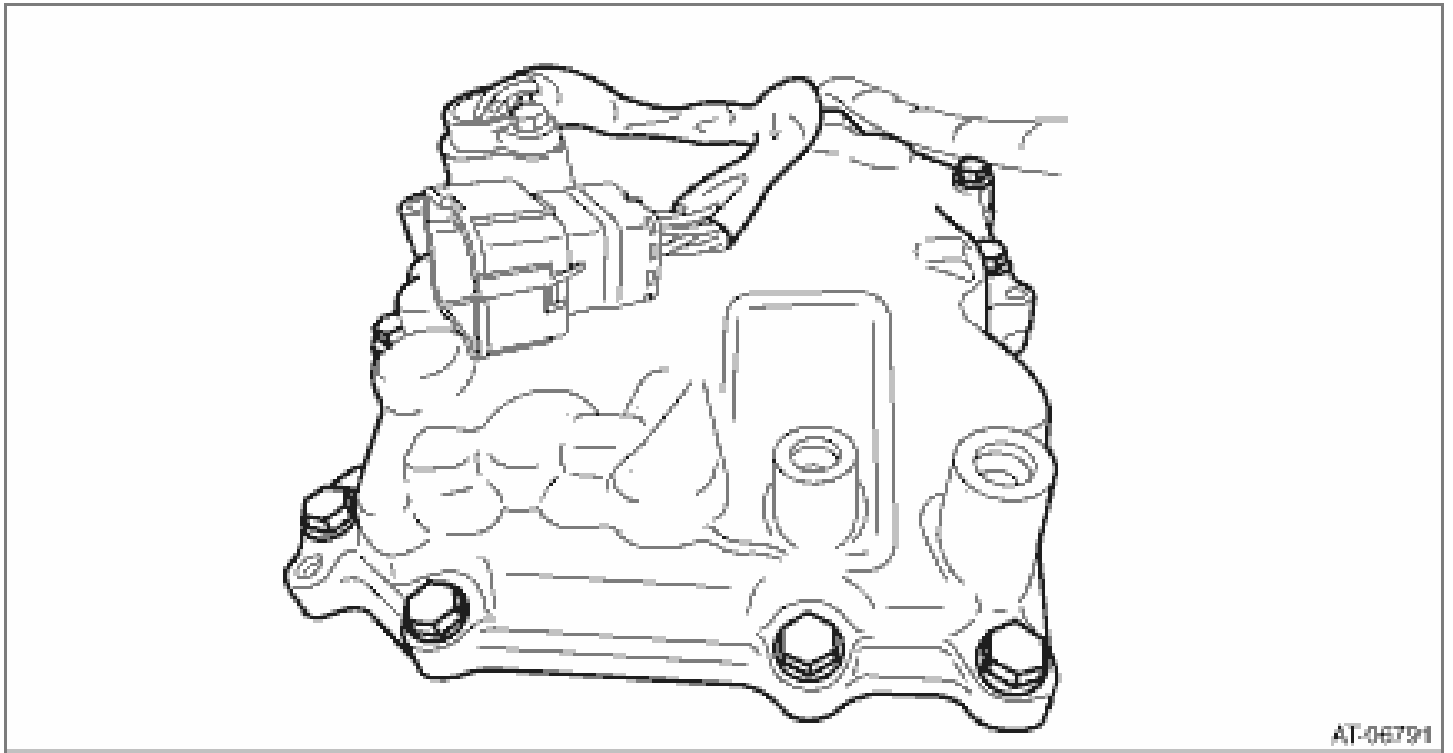
9.

Connect the transmission harness connector to the control valve body, and install the valve cover.

Be careful not to catch the sheet of the ST.

Tightening torque:

8 N·m (0.8 kgf·m, 5.9 ft·lb)



10.

Remove the ST (SHEET SPECIAL TOOL).

11.

Install the throttle body. [FUEL INJECTION \(FUEL SYSTEMS\)\(H4DO\)>Throttle Body>INSTALLATION](#)

12.

Install the transmission harness connector to the harness stay.

13.

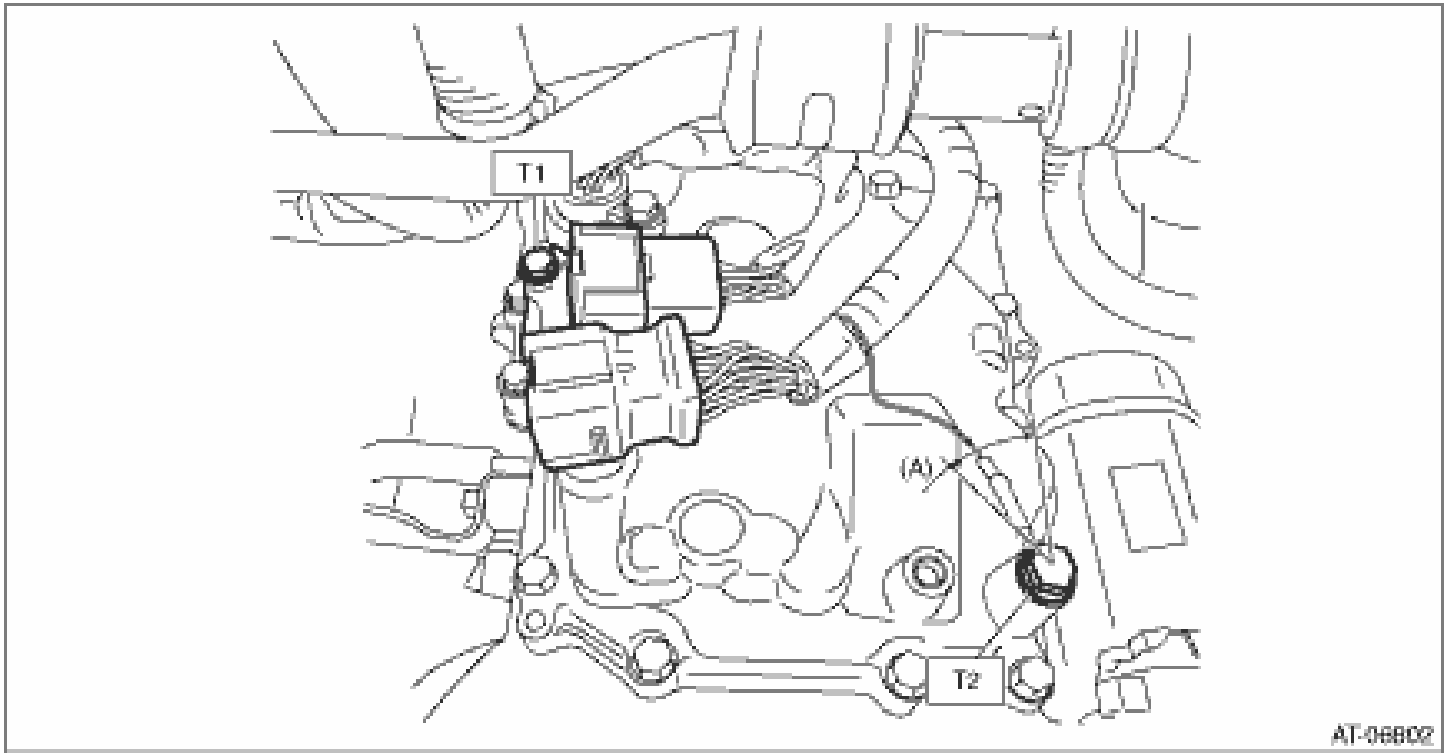
Install the transmission harness stay and transmission ground terminal.

Install the transmission ground terminal in the direction within the range of approx. 30° (A).

Tightening torque:

T1: 7 N·m (0.7 kgf-m, 5.2 ft-lb)

T2: 14 N·m (1.4 kgf-m, 10.3 ft-lb)



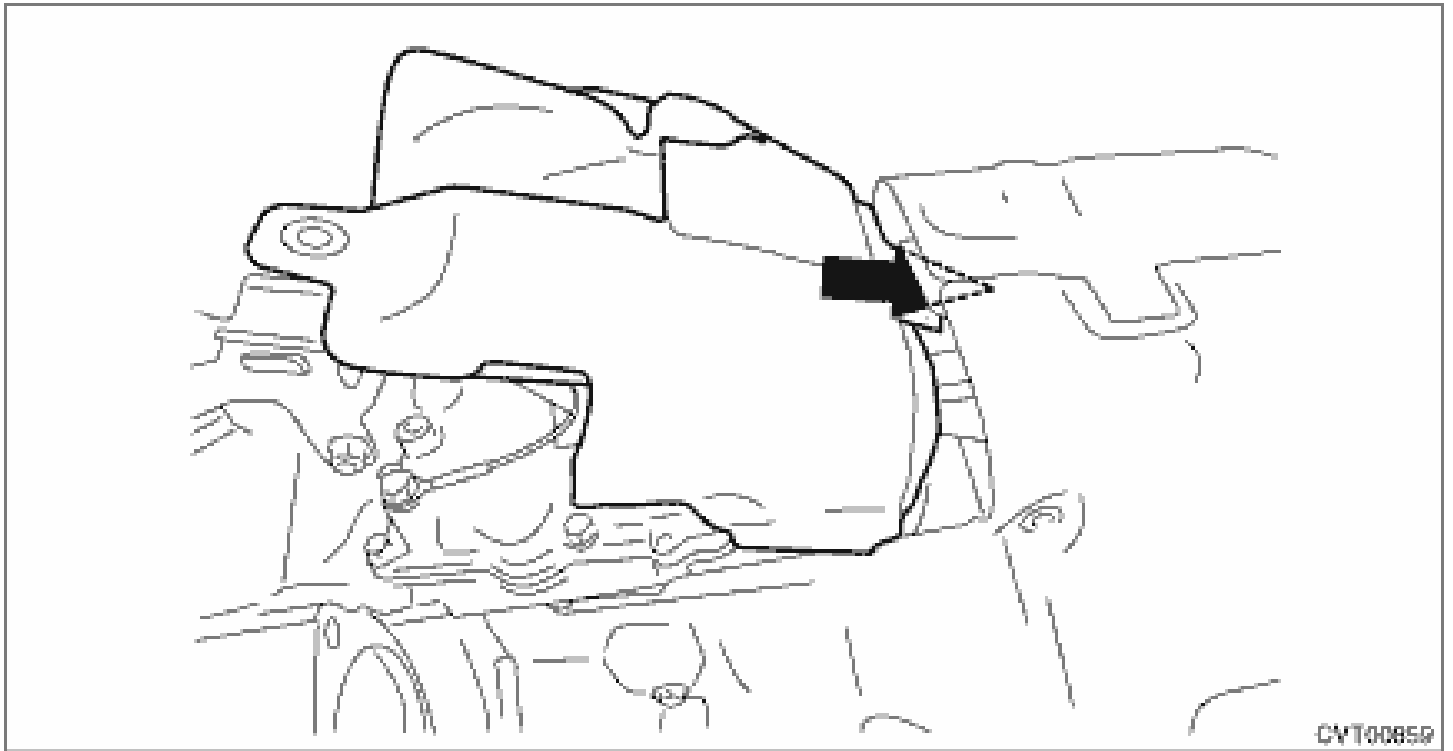
AT-06B02

14.

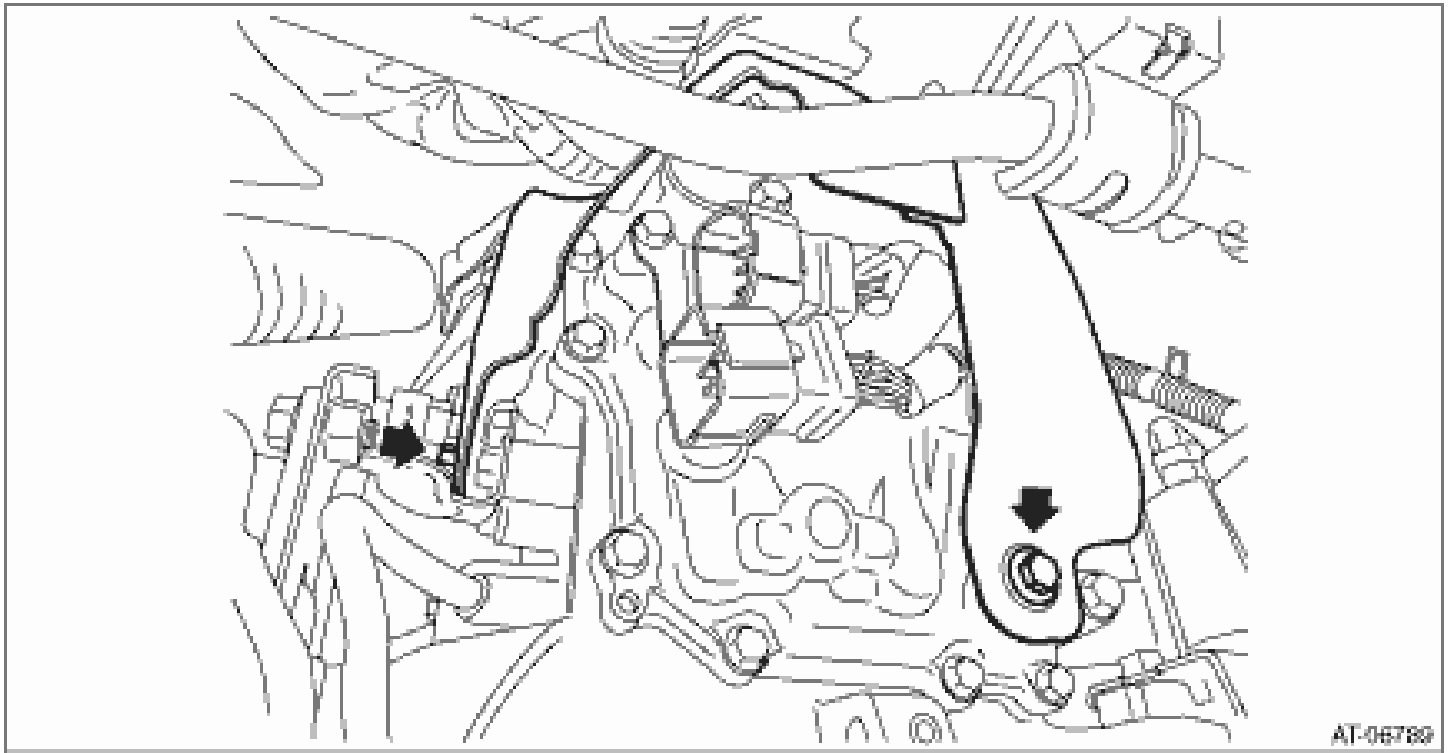
Insert the transmission case cover (small) between transmission case cover (large) and transmission to install.

Tightening torque:

8 N·m (0.8 kgf·m, 5.9 ft·lb)



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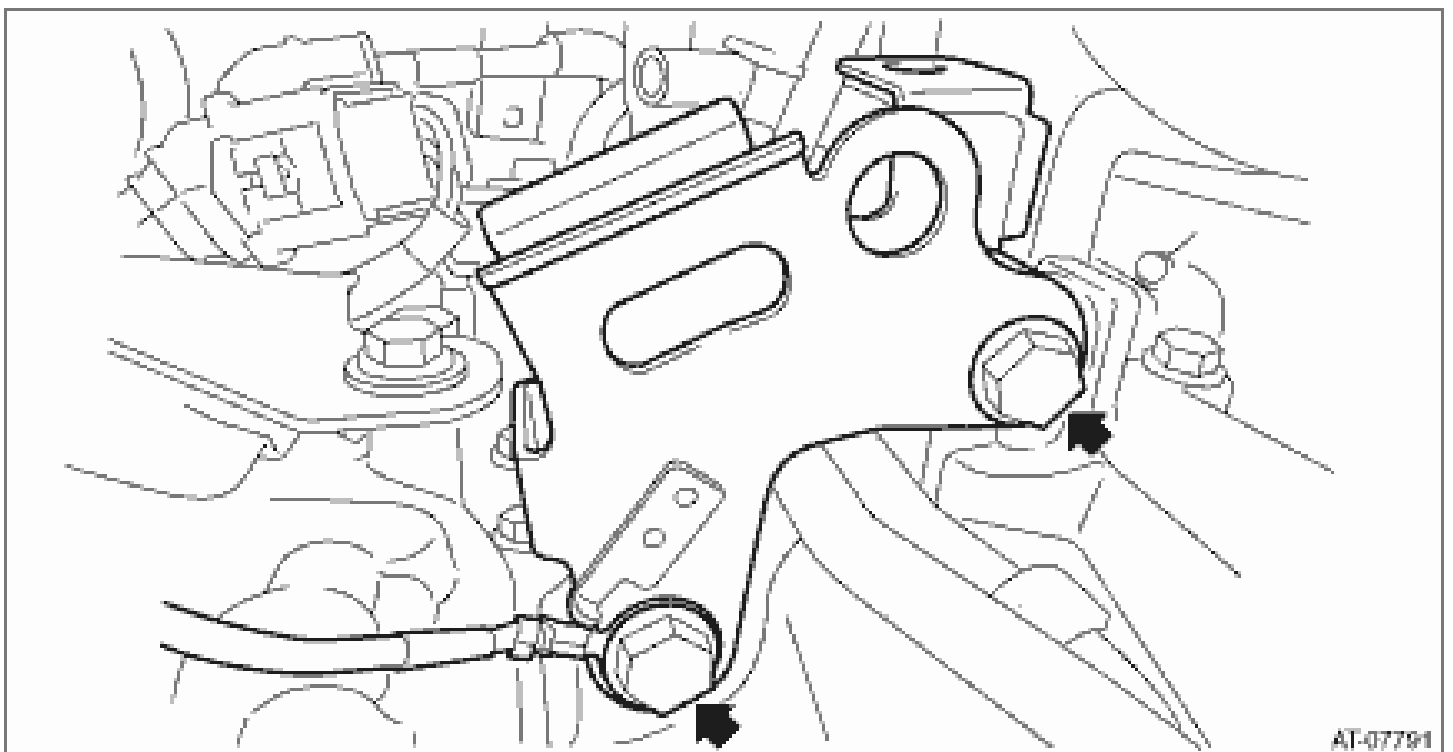
15.

Install the pitching stopper bracket and transmission radio ground cord.

Be careful not to deform or damage the terminal of transmission radio ground cord.

Tightening torque:

41 N·m (4.2 kgf·m, 30.2 ft·lb)



16.

Install the air breather hose to the pitching stopper bracket.

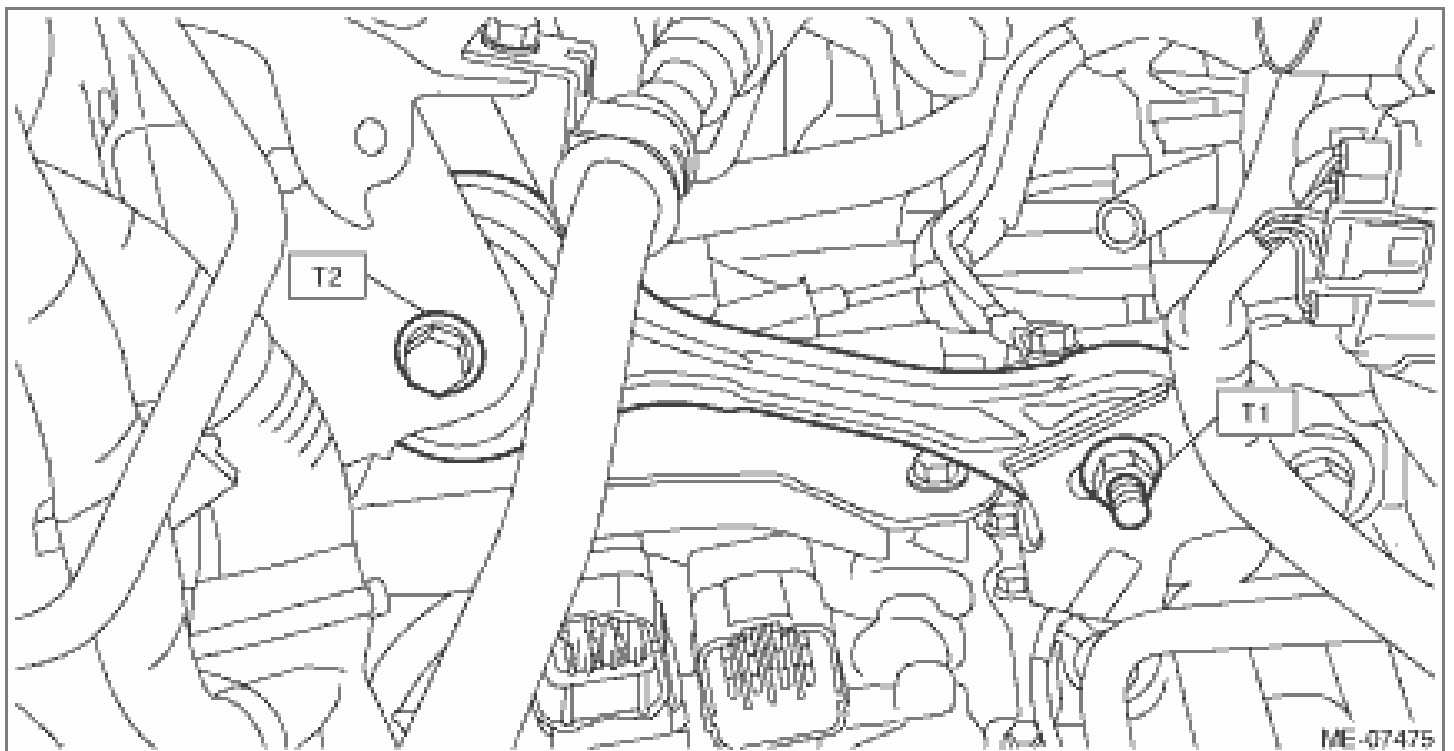
17.

Install the pitching stopper.

Tightening torque:

T1: 50 N·m (5.1 kgf-m, 36.9 ft-lb)

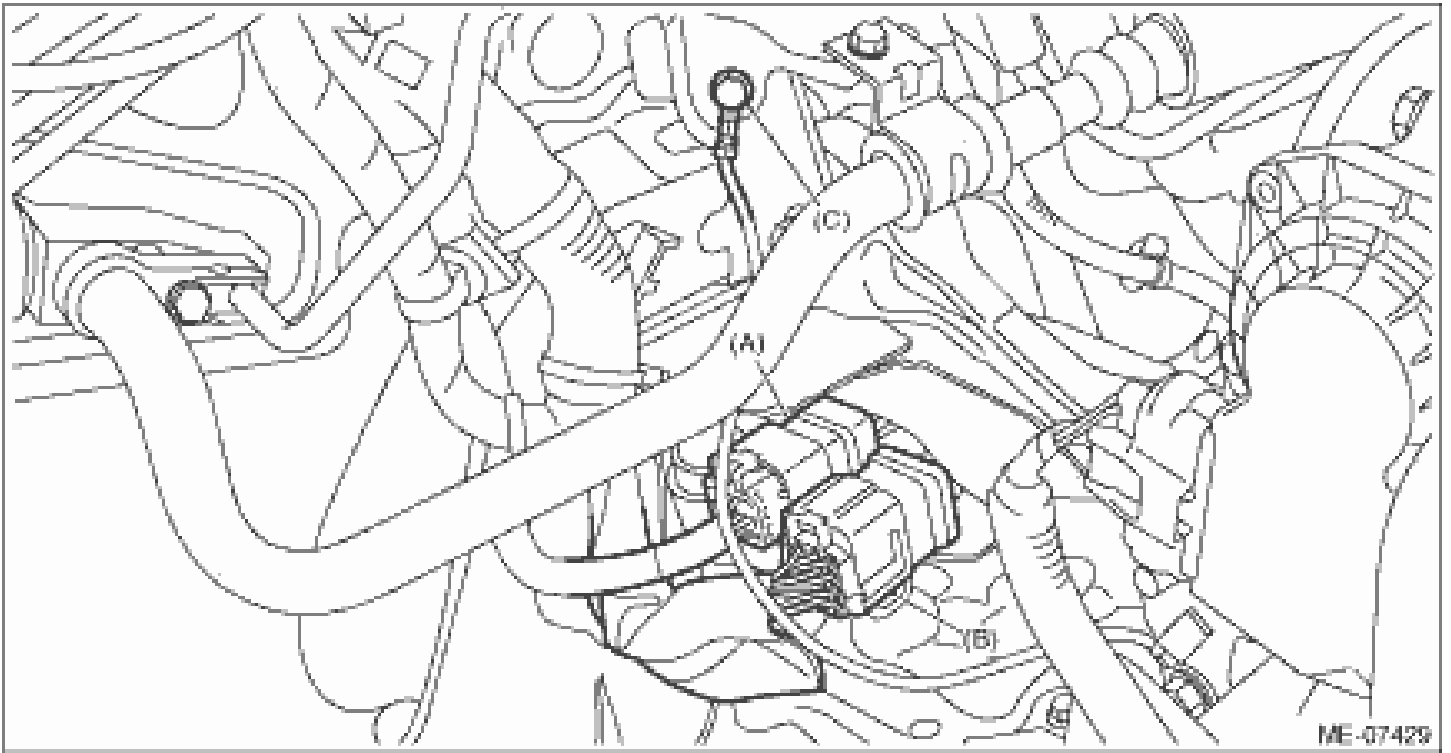
T2: 58 N·m (5.9 kgf-m, 42.8 ft-lb)



18.

Connect the following harness connectors.

- Transmission harness connectors
- Inhibitor harness connector
- Transmission radio ground terminal
- **Tightening torque:**
- 13 N·m (1.3 kgf-m, 9.6 ft-lb)



| | |
|-----|------------------------------------|
| (A) | Transmission harness connectors |
| (B) | Inhibitor harness connector |
| (C) | Transmission radio ground terminal |

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19.

Install the air intake boot assembly. [INTAKE \(INDUCTION\)\(H4DO\)>Air Intake Boot>INSTALLATION](#)

20.

Adjust the amount of CVTF. [CONTINUOUSLY VARIABLE TRANSMISSION\(TR580\)>CVTF>ADJUSTMENT](#)

21.

Using the Subaru Select Monitor, perform «Clear AT learning value» on «Work Support», and perform «AT learning mode». [CONTINUOUSLY VARIABLE TRANSMISSION \(DIAGNOSTICS\)>Learning Control>PROCEDURE](#)