

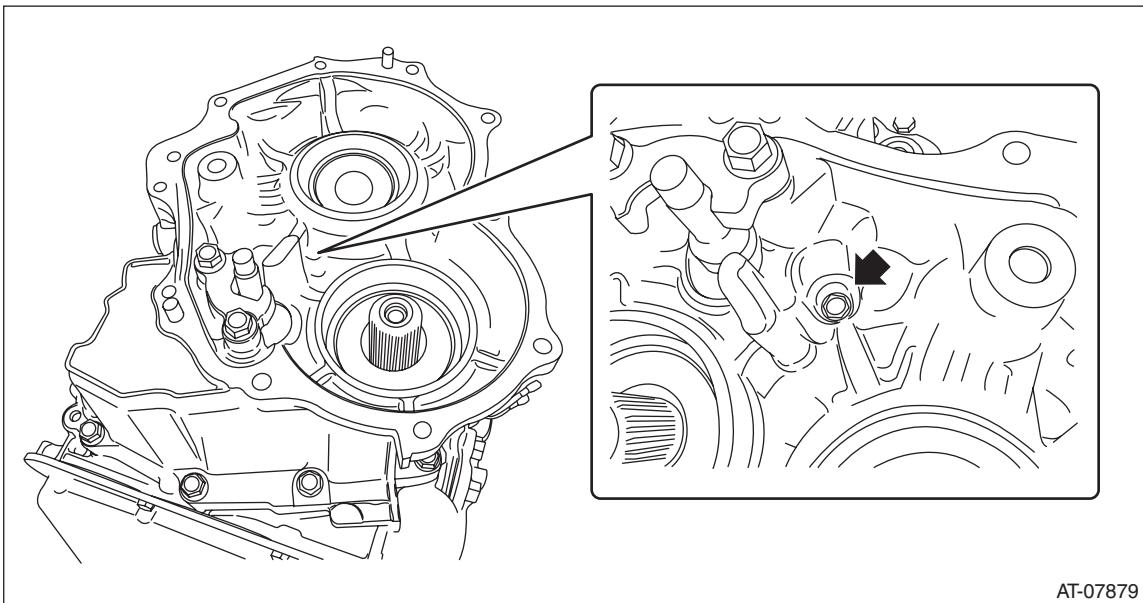
34. Intermediate Case

A: REMOVAL

- 1) Remove the transmission assembly from vehicle body. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the extension case. <Ref. to CVT(TR690)-140, REMOVAL, Extension Case.>
- 3) Remove the parking pawl. <Ref. to CVT(TR690)-165, REMOVAL, Parking Pawl.>
- 4) Remove the rear drive shaft. <Ref. to CVT(TR690)-143, REMOVAL, Rear Drive Shaft.>
- 5) Remove the transfer clutch assembly. <Ref. to CVT(TR690)-148, REMOVAL, Transfer Clutch.>
- 6) Remove the transfer reduction driven gear assembly. <Ref. to CVT(TR690)-160, REMOVAL, Transfer Reduction Driven Gear.>
- 7) Remove the intermediate case.

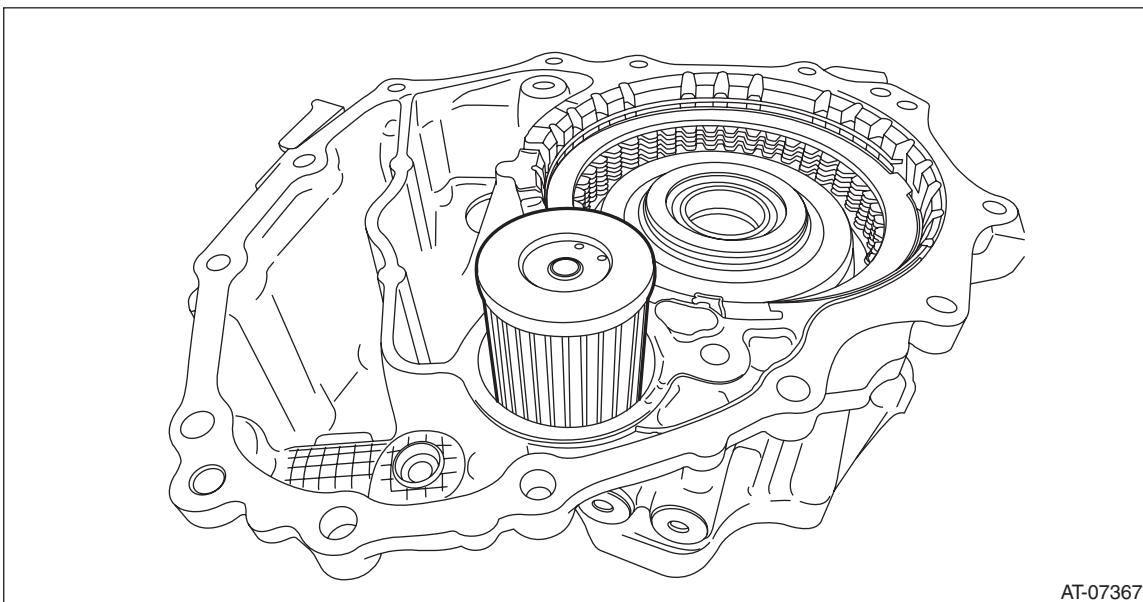
NOTE:

- The total number of intermediate case mounting bolts is 14.
- Inside the transmission is a single bolt (arrowed).



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- 8) Remove the CVTF filter.

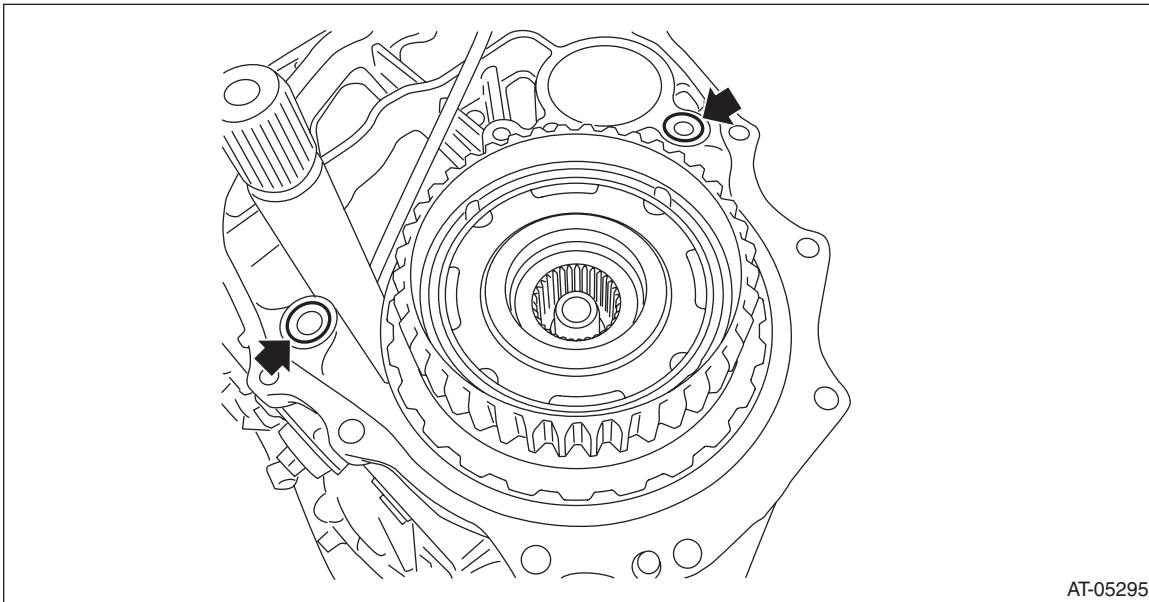


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Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

- 9) Remove the O-ring from the transmission case.

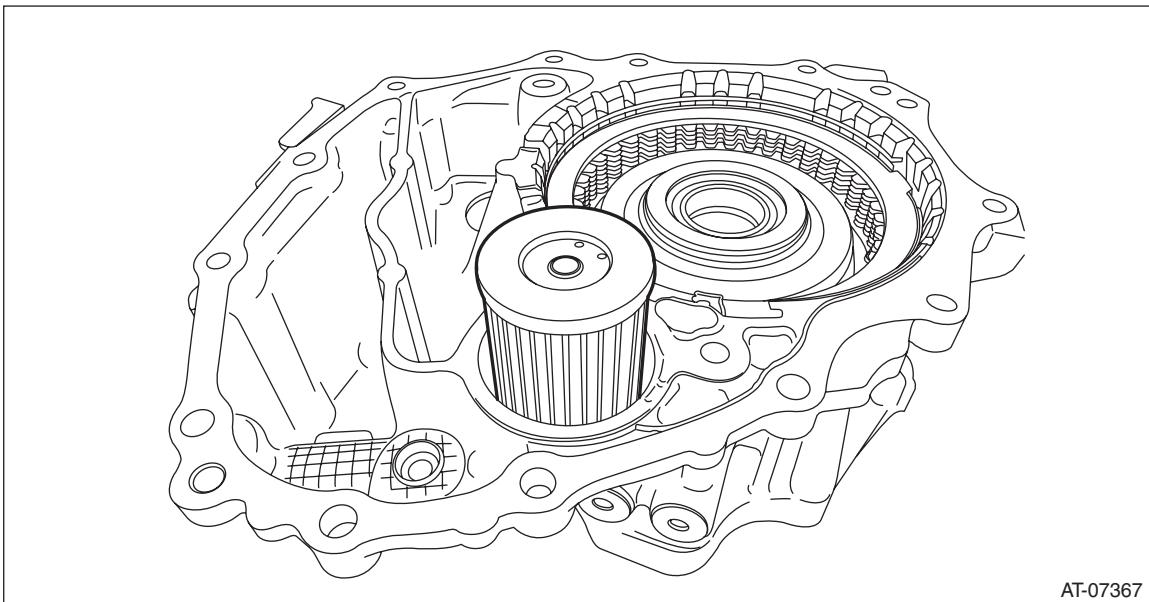


B: INSTALLATION

- 1) Clean the mating surface of intermediate case and transmission case.
- 2) Face the O-ring side of the CVTF filter to the intermediate case side, and install the CVTF filter.

NOTE:

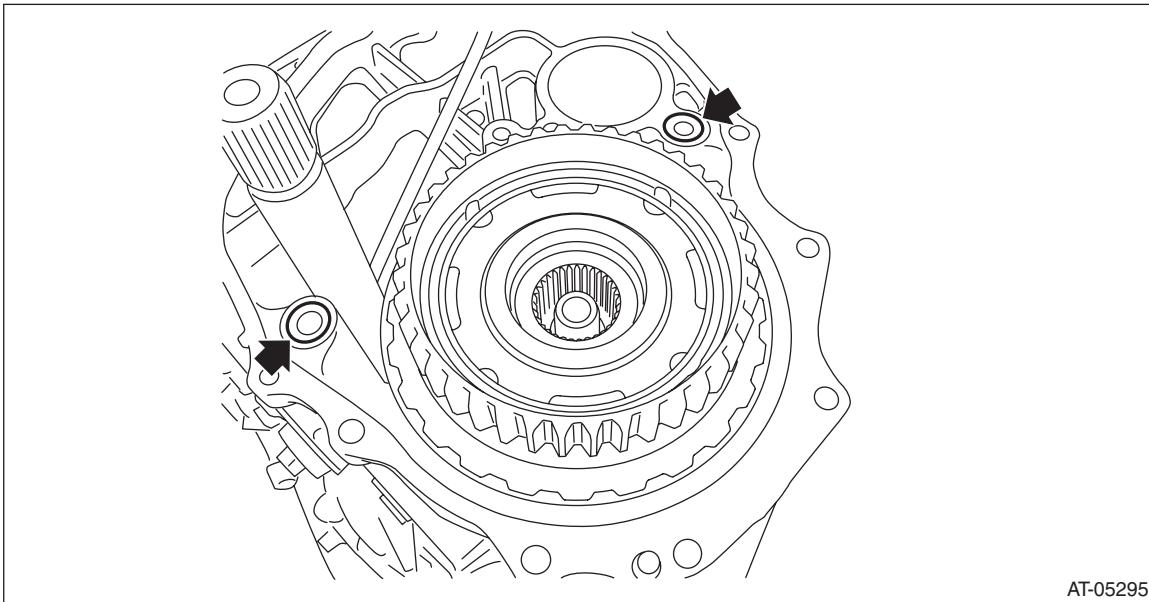
Apply CVTF to the O-rings.



- 3) Install the O-ring to the transmission case.

NOTE:

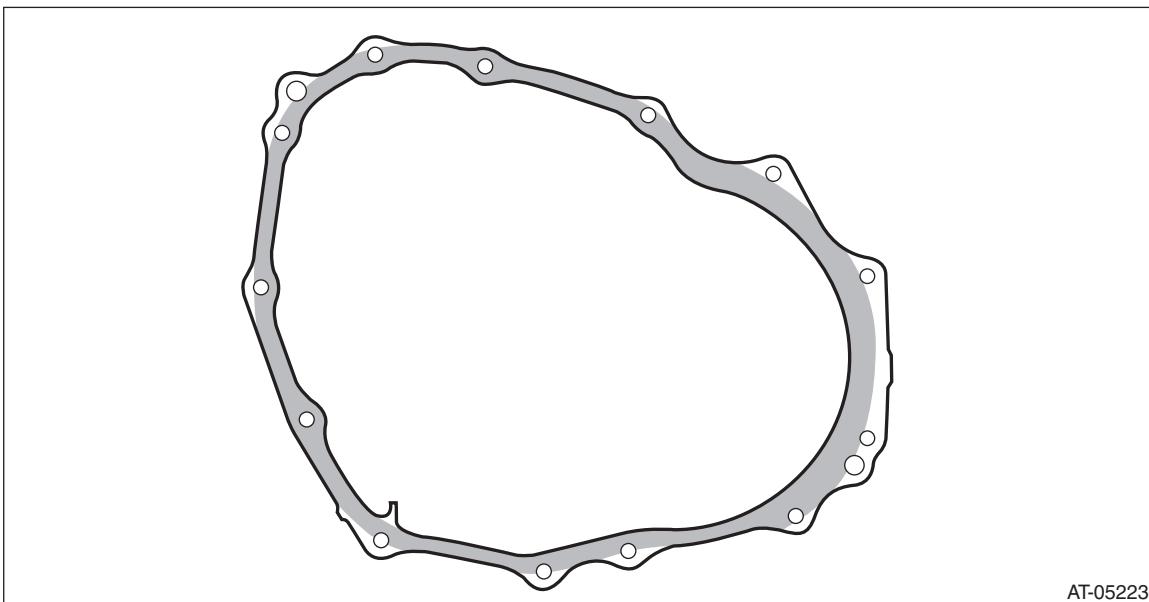
- Use new O-rings.
- Apply CVTF to the O-rings.



- 4) Apply liquid gasket to intermediate case seamlessly.

Liquid gasket:

THREE BOND 1215B or equivalent



Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

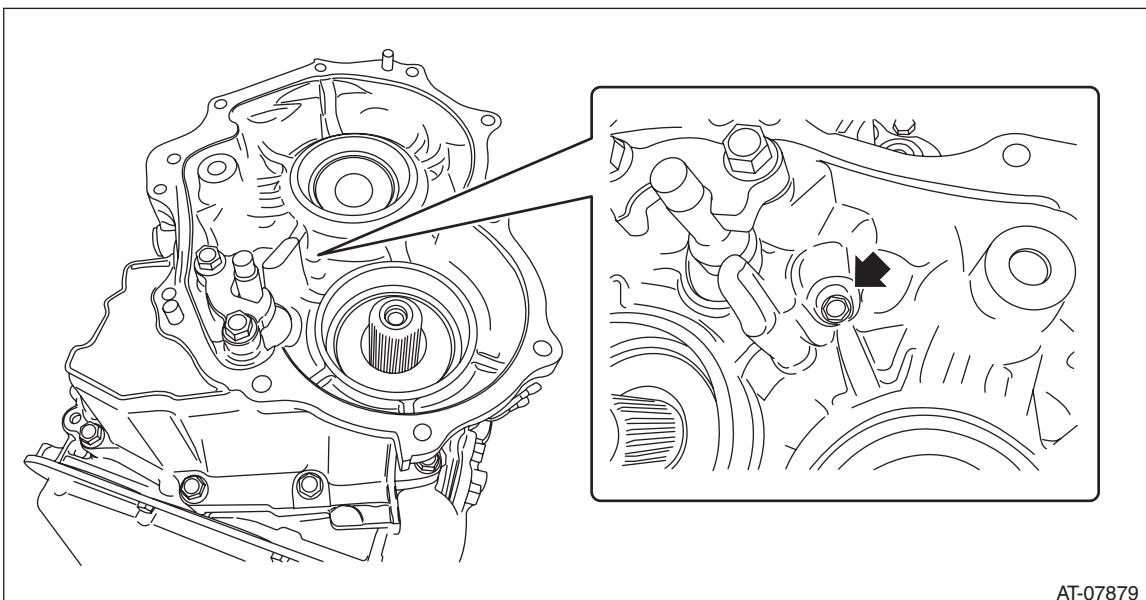
- 5) Install the intermediate case and the transmission hanger to the transmission case.

NOTE:

Make sure to install the arrowed bolt.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft-lb)

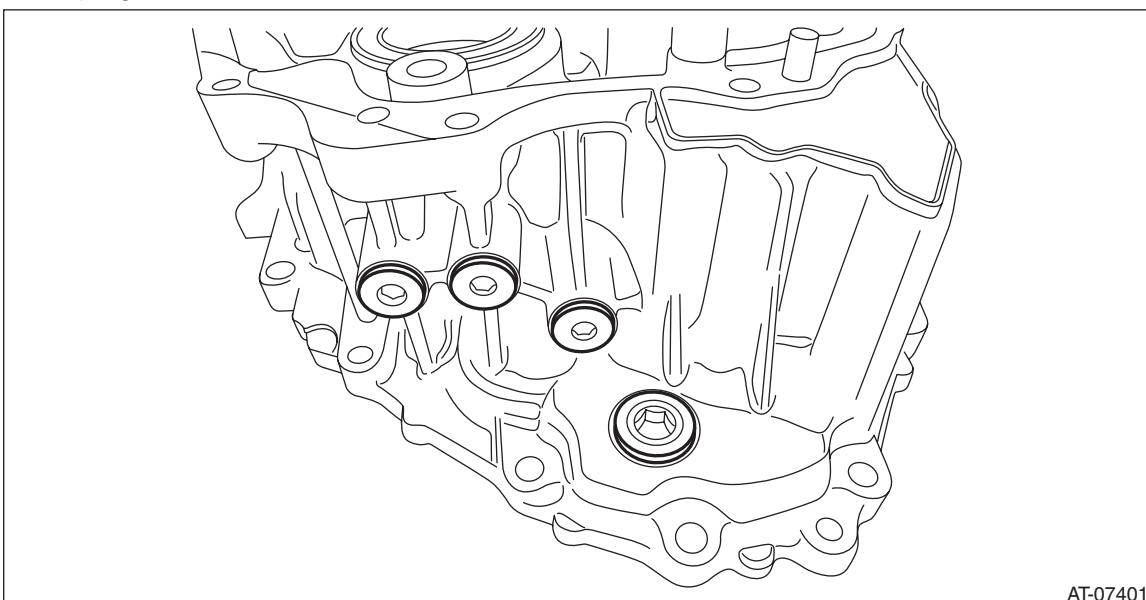


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- 6) Install the transfer reduction driven gear assembly.<Ref. to CVT(TR690)-160, INSTALLATION, Transfer Reduction Driven Gear.>
- 7) Install the transfer clutch assembly.<Ref. to CVT(TR690)-149, INSTALLATION, Transfer Clutch.>
- 8) Install the rear drive shaft.<Ref. to CVT(TR690)-143, INSTALLATION, Rear Drive Shaft.>
- 9) Install the parking pawl.<Ref. to CVT(TR690)-166, INSTALLATION, Parking Pawl.>
- 10) Install the extension case.<Ref. to CVT(TR690)-141, INSTALLATION, Extension Case.>
- 11) Install the transmission to vehicle.<Ref. to CVT(TR690)-69, INSTALLATION, Automatic Transmission Assembly.>

C: DISASSEMBLY

- 1) Remove the parking support.
- 2) Remove the CVTF filler plug.
- 3) Remove all plugs from intermediate case.



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4) Remove the reverse brake assembly. <Ref. to CVT(TR690)-173, DISASSEMBLY, Reverse Brake Assembly.>

D: ASSEMBLY

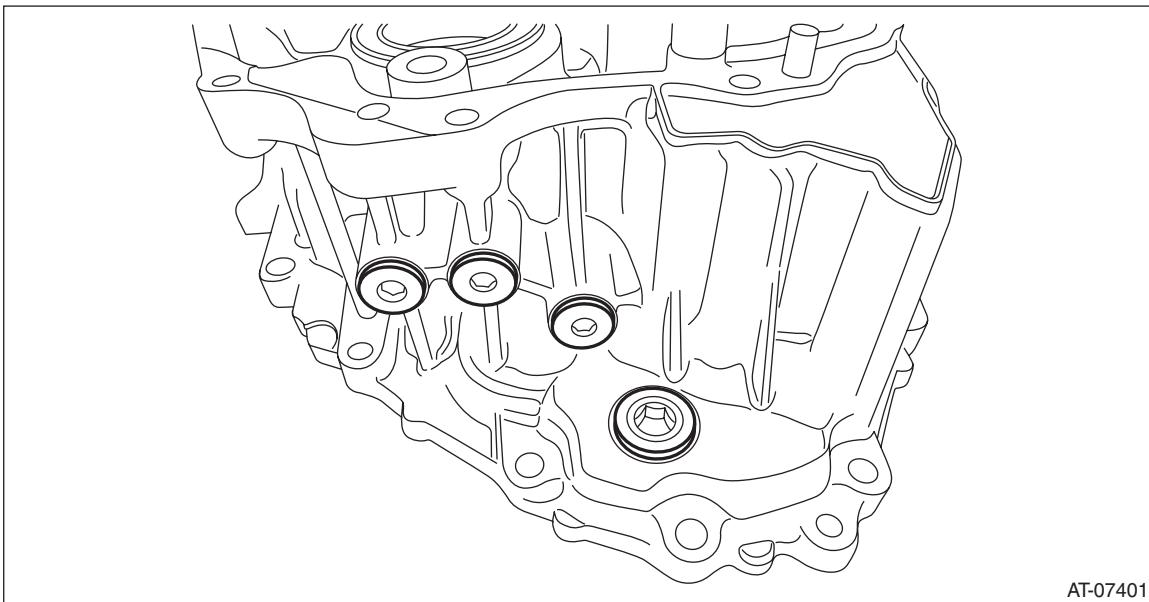
- 1) Install the reverse brake. <Ref. to CVT(TR690)-176, ASSEMBLY, Reverse Brake Assembly.>
- 2) Install all plugs to intermediate case.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft-lb)

NOTE:

Use new O-rings.



- 3) Install the parking support.

Tightening torque:

25 N·m (2.5 kgf·m, 18.4 ft-lb)

- 4) Install the CVTF filler plug.

NOTE:

Replace the gasket of CVTF filler plug with a new part after installing the transmission assembly to vehicle and adjusting CVTF fluid.

E: INSPECTION

- Check the intermediate case for fissures, cracks or damage.
- Check for leakage of CVTF from the connections between intermediate case and transmission case, and between intermediate case and extension case.