

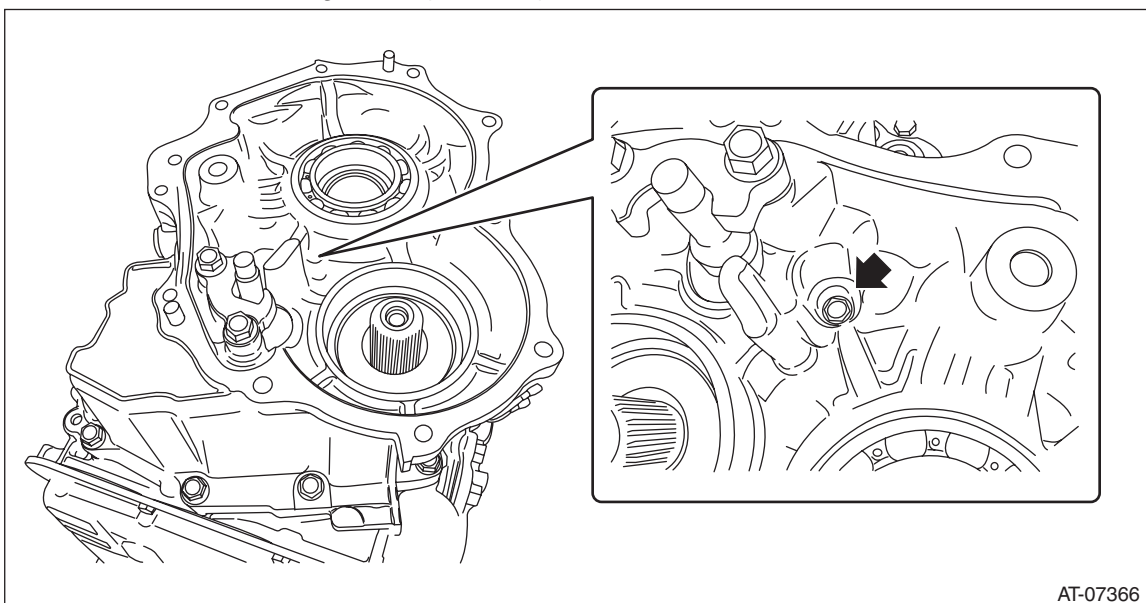
34. Intermediate Case

A: REMOVAL

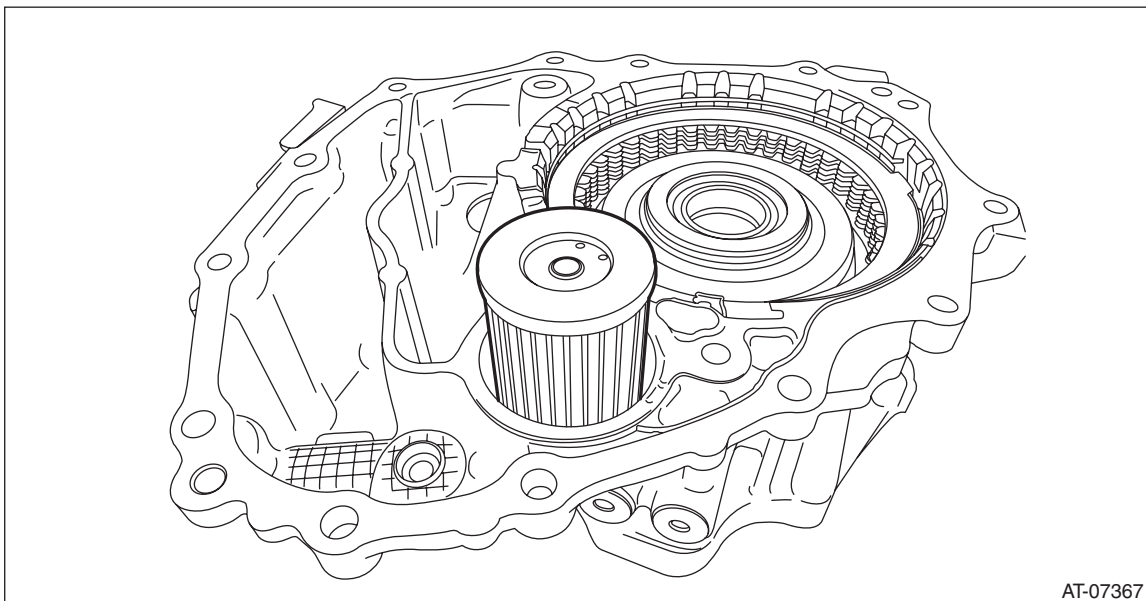
- 1) Remove the transmission assembly from vehicle body. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the extension case. <Ref. to CVT(TR690)-142, REMOVAL, Extension Case.>
- 3) Remove the parking pawl. <Ref. to CVT(TR690)-163, REMOVAL, Parking Pawl.>
- 4) Remove the rear drive shaft. <Ref. to CVT(TR690)-146, REMOVAL, Rear Drive Shaft.>
- 5) Remove the transfer clutch assembly. <Ref. to CVT(TR690)-151, REMOVAL, Transfer Clutch.>
- 6) Remove the center differential carrier. <Ref. to CVT(TR690)-154, REMOVAL, Center Differential Carrier.>
- 7) Remove the transfer reduction driven gear assembly. <Ref. to CVT(TR690)-158, REMOVAL, Transfer Reduction Driven Gear.>
- 8) Remove the intermediate case.

NOTE:

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



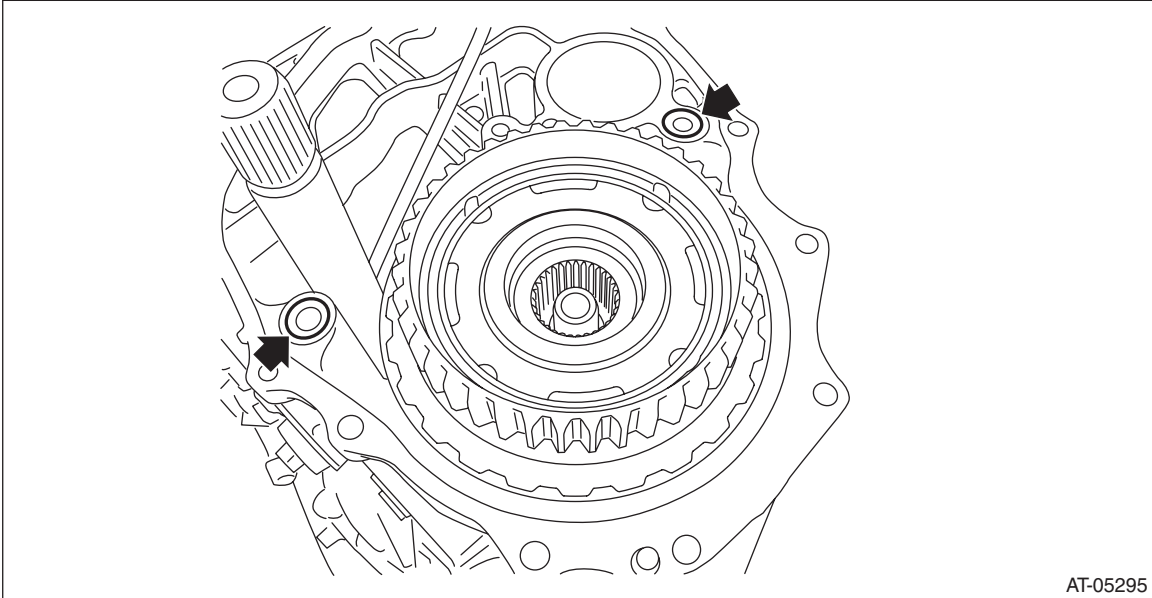
- 9) Remove the CVTF filter.



Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

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

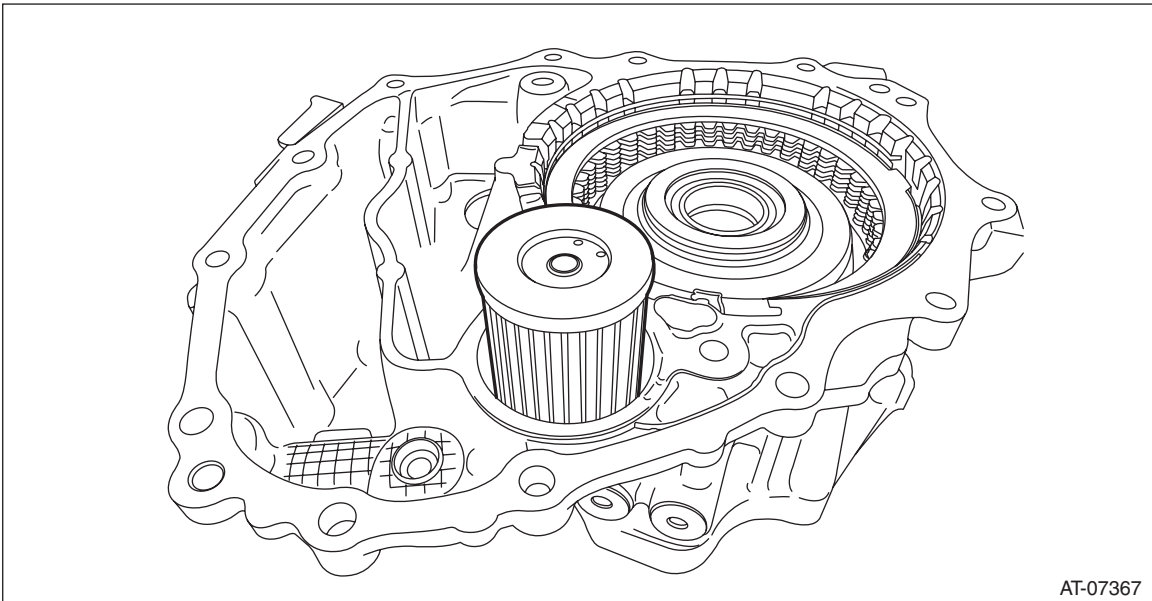


B: INSTALLATION

- 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.



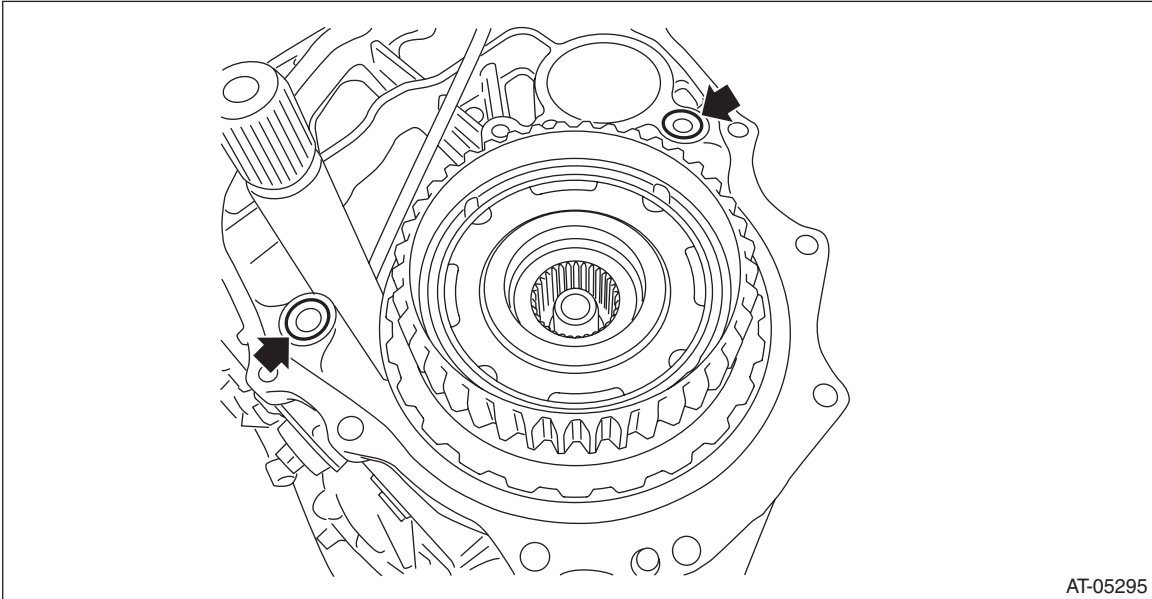
Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

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

NOTE:

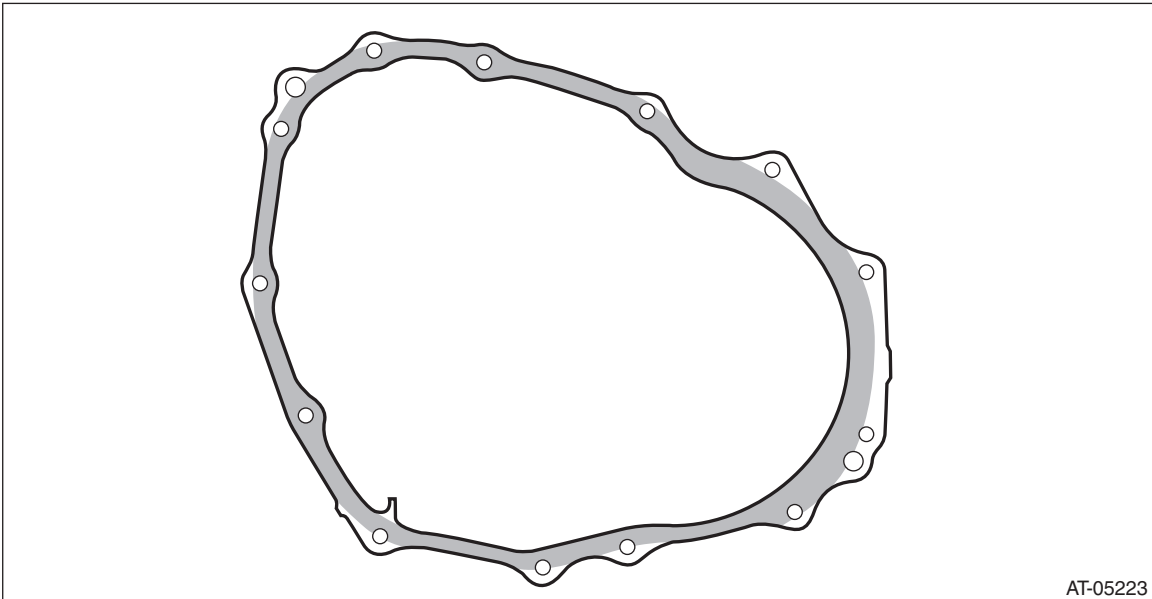
- Use new O-rings.
- Apply CVTF to the O-rings.



4) Apply liquid gasket to intermediate case seamlessly.

Liquid gasket:

THREE BOND 1215B or equivalent



Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

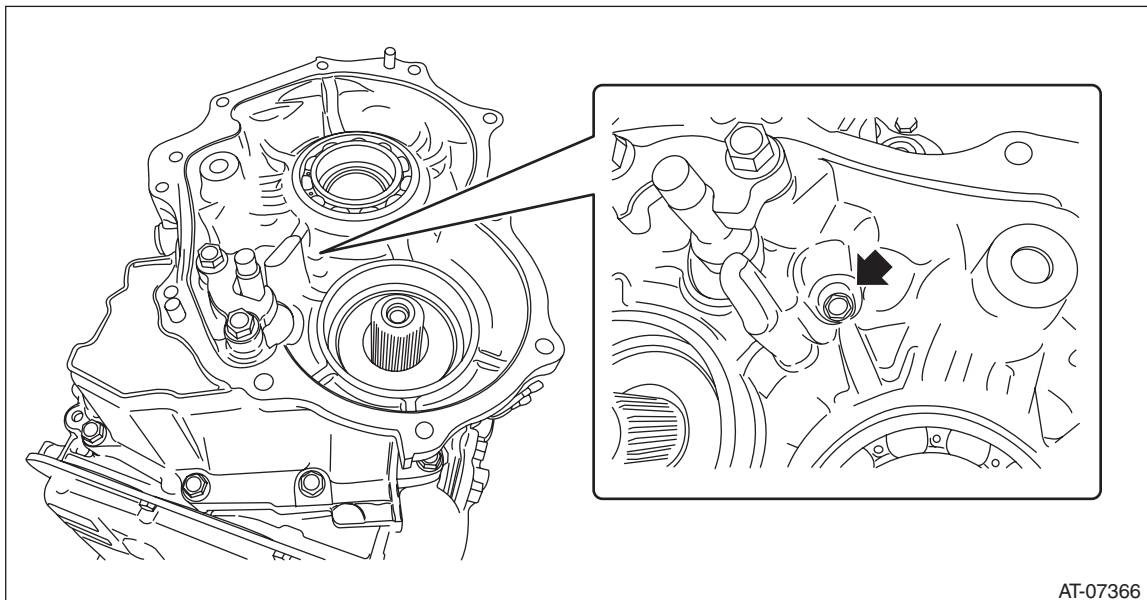
5) Install the intermediate case and the transmission hanger to the transmission case.

NOTE:

Make sure to install the arrowed bolt.

Tightening torque:

25 N·m (2.5 kgf-m, 18.4 ft-lb)



6) Install the transfer reduction driven gear assembly. <Ref. to CVT(TR690)-158, INSTALLATION, Transfer Reduction Driven Gear.>

7) Install the center differential carrier. <Ref. to CVT(TR690)-155, INSTALLATION, Center Differential Carrier.>

8) Install the transfer clutch assembly. <Ref. to CVT(TR690)-151, INSTALLATION, Transfer Clutch.>

9) Install the rear drive shaft. <Ref. to CVT(TR690)-146, INSTALLATION, Rear Drive Shaft.>

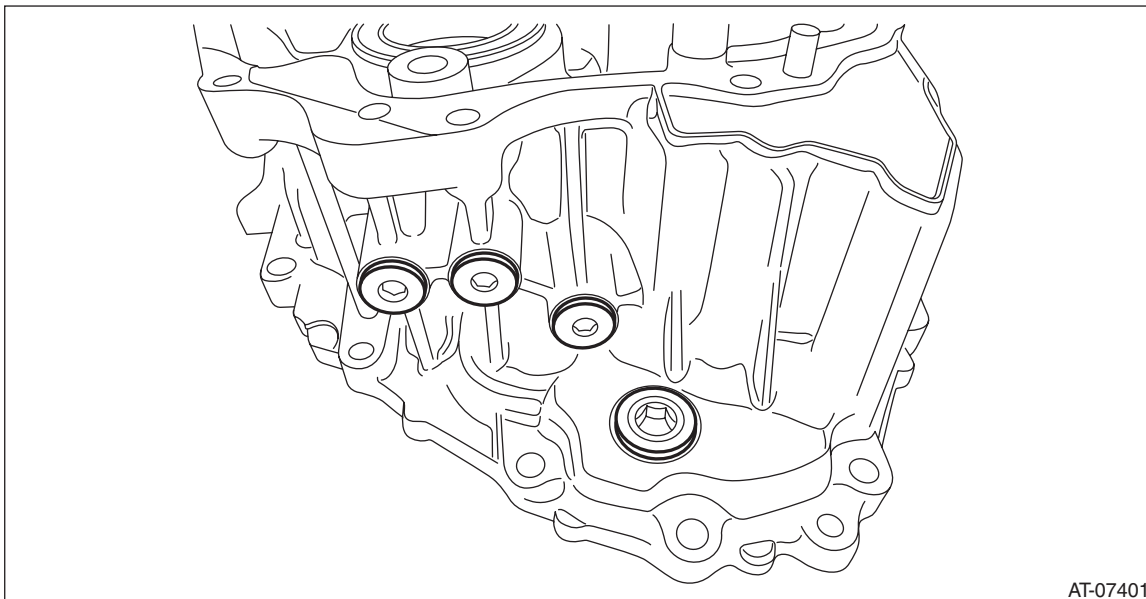
10) Install the parking pawl. <Ref. to CVT(TR690)-164, INSTALLATION, Parking Pawl.>

11) Install the extension case. <Ref. to CVT(TR690)-143, INSTALLATION, Extension Case.>

12) 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)-172, DISASSEMBLY, Reverse Brake Assembly.>

D: ASSEMBLY

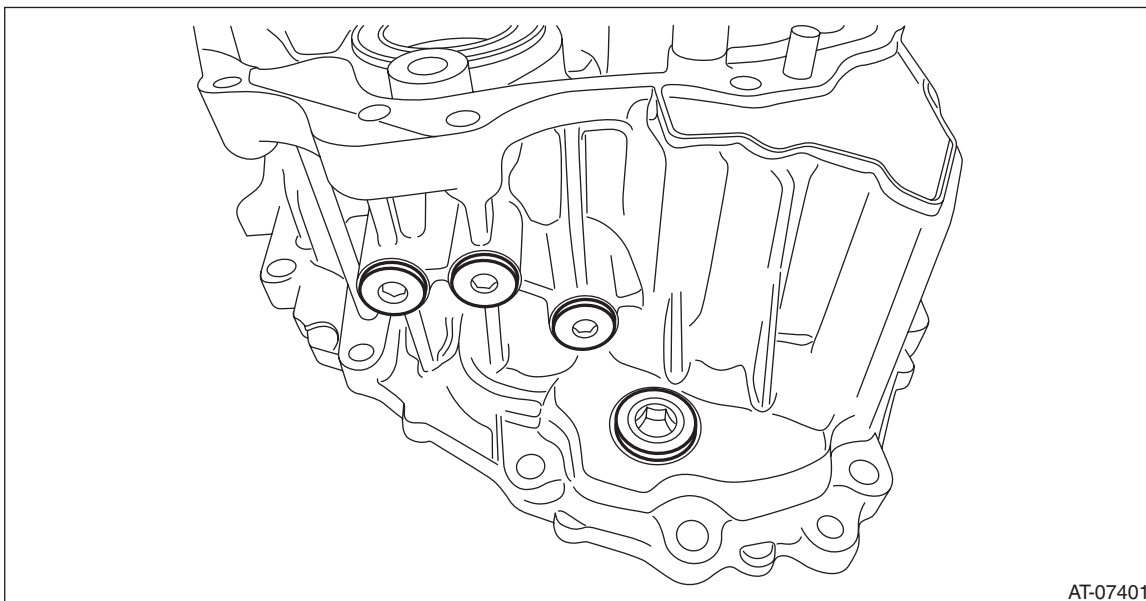
- 1) Install the reverse brake. <Ref. to CVT(TR690)-175, ASSEMBLY, Reverse Brake Assembly.>
- 2) Install all plugs to intermediate case.

Tightening torque:

25 N·m (2.5 kgf-m, 18.4 ft-lb)

NOTE:

Use new O-rings.



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Intermediate Case

CONTINUOUSLY VARIABLE TRANSMISSION

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.