

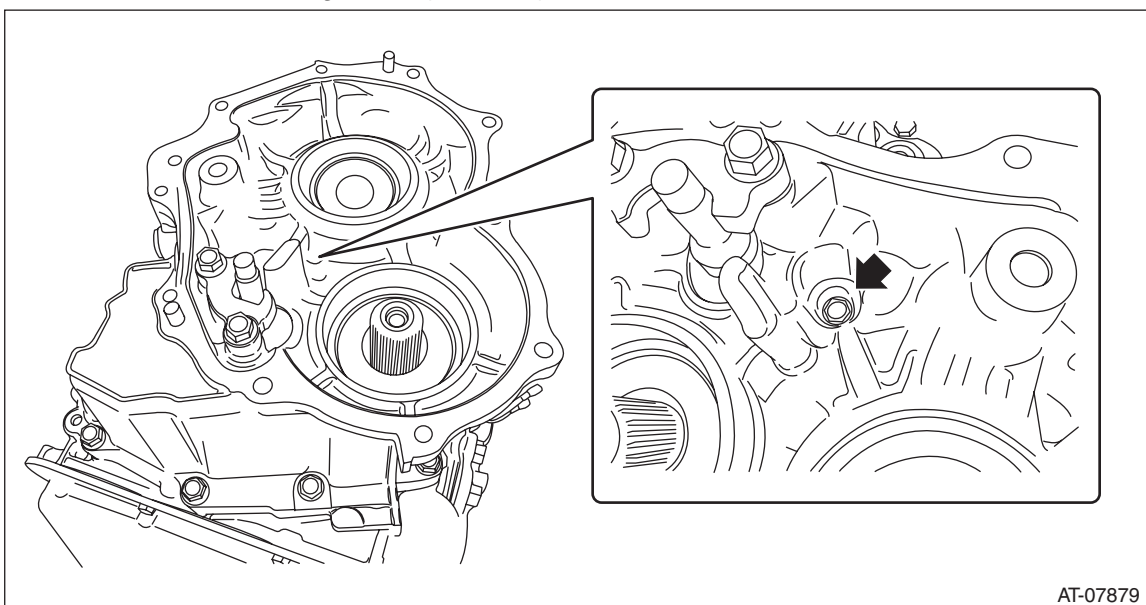
## 34. Intermediate Case

### A: REMOVAL

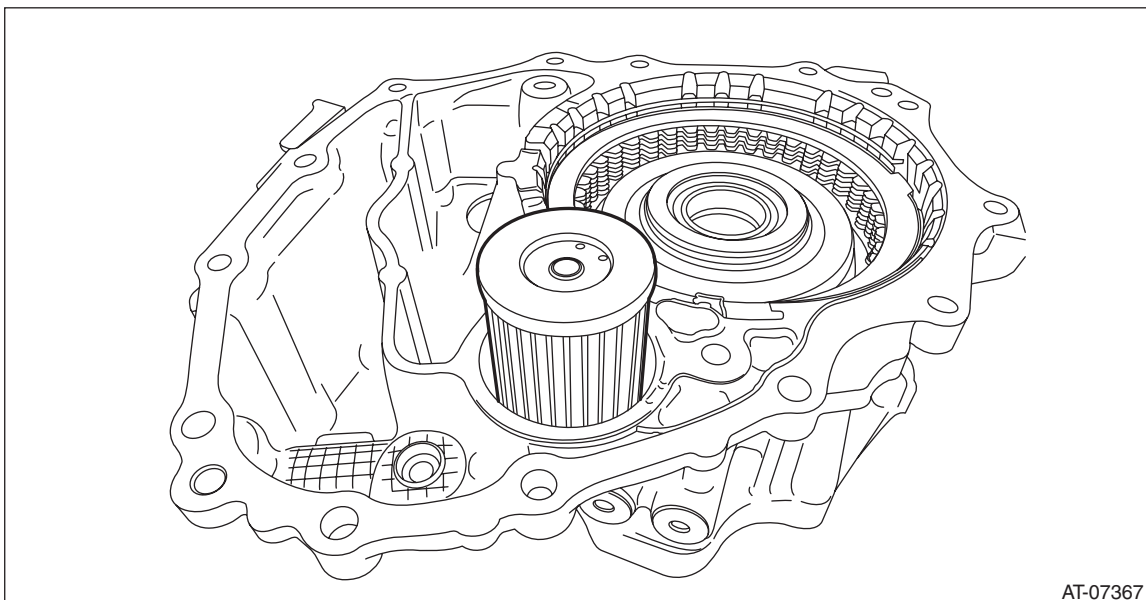
- 1) Remove the transmission assembly from vehicle body. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the extension case. <Ref. to CVT(TR690)-140, REMOVAL, Extension Case.>
- 3) Remove the parking pawl. <Ref. to CVT(TR690)-165, REMOVAL, Parking Pawl.>
- 4) Remove the 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).



- 8) Remove the CVTF filter.

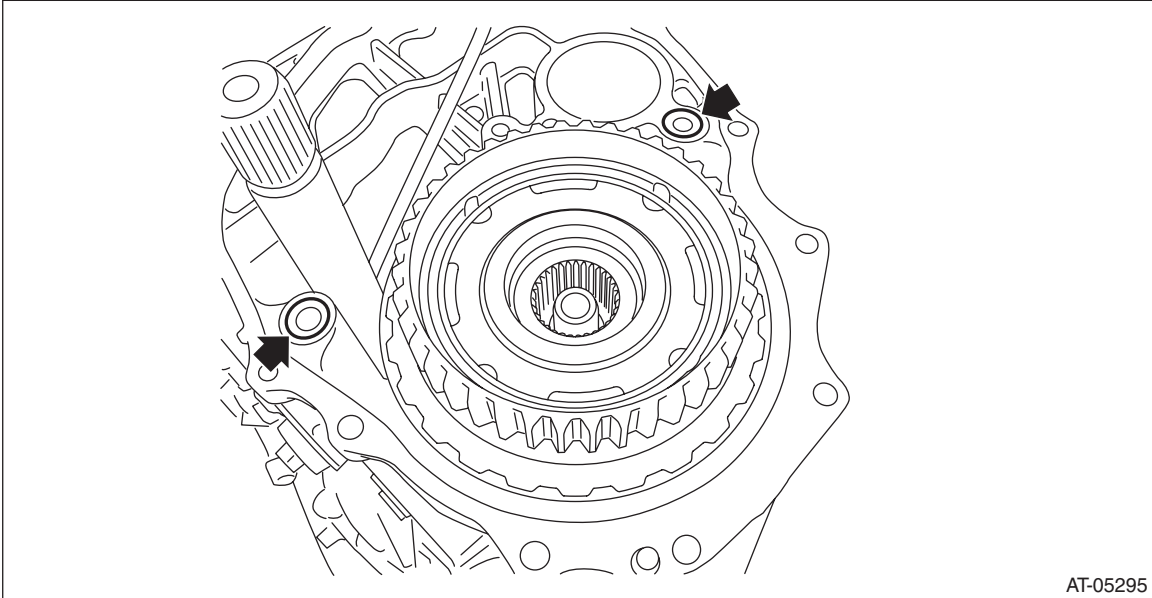


## Intermediate Case

### CONTINUOUSLY VARIABLE TRANSMISSION

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

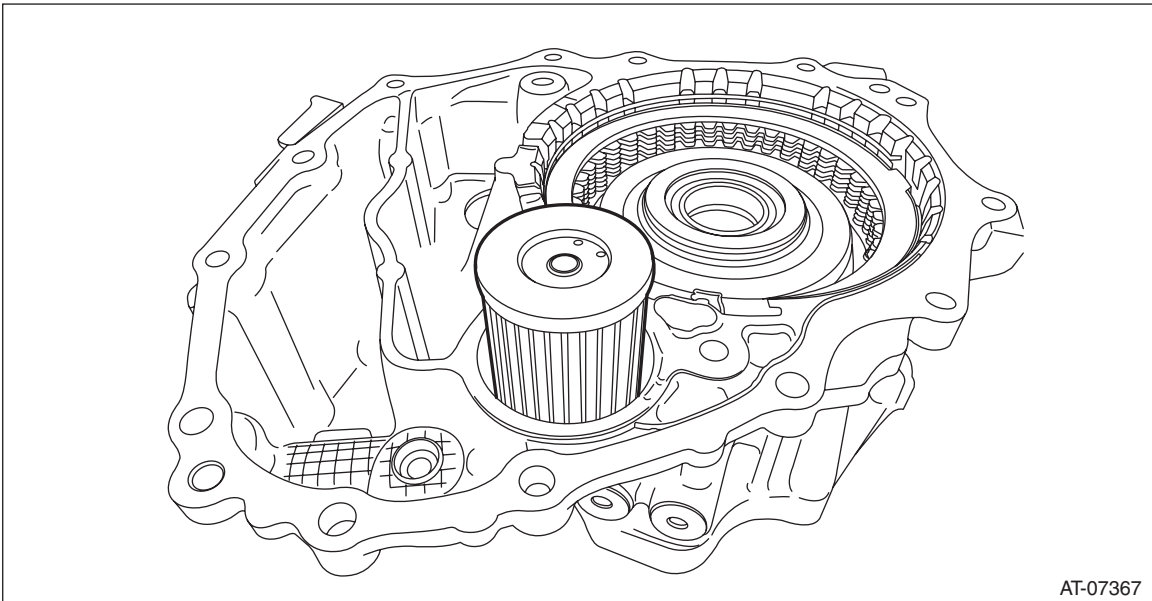


## B: INSTALLATION

- 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.



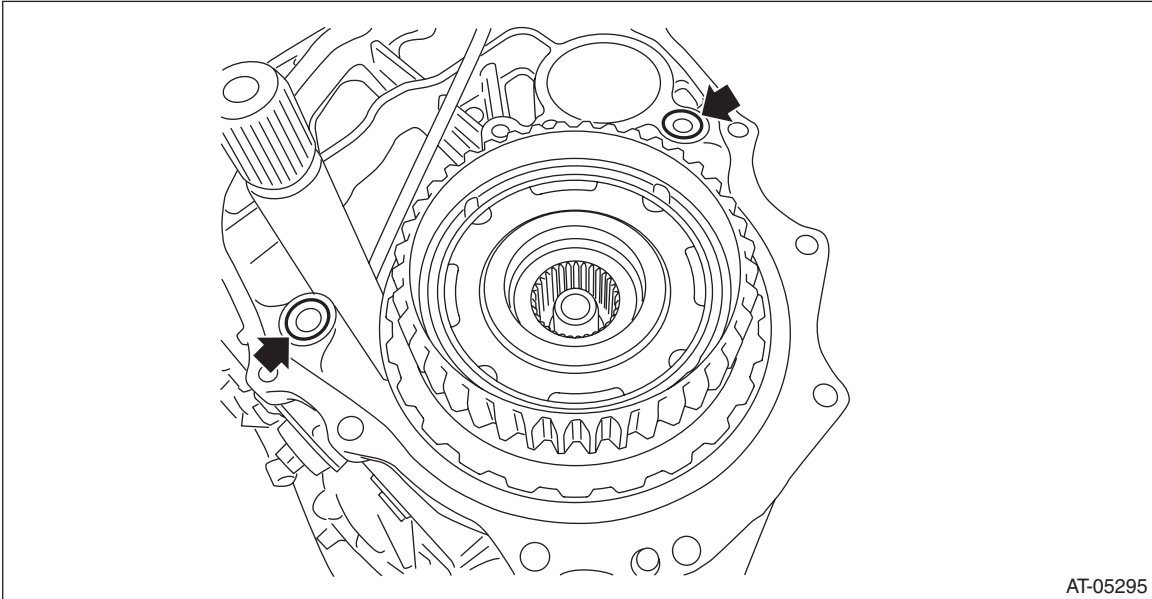
## Intermediate Case

### CONTINUOUSLY VARIABLE TRANSMISSION

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

**NOTE:**

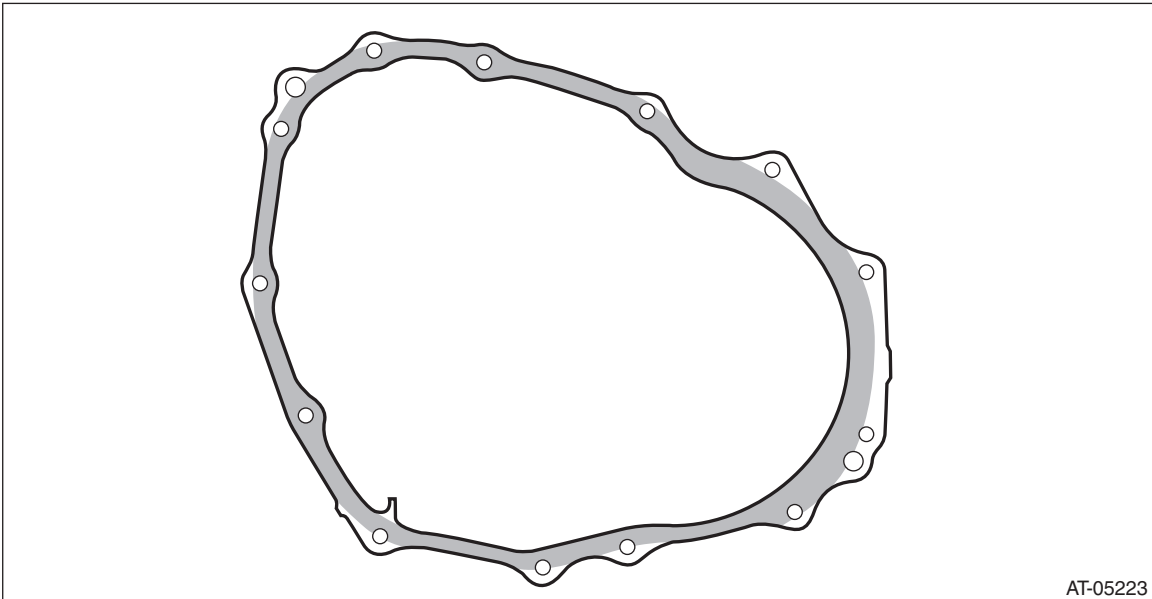
- Use new O-rings.
- Apply CVTF to the O-rings.



4) Apply liquid gasket to intermediate case seamlessly.

**Liquid gasket:**

**THREE BOND 1215B or equivalent**



## Intermediate Case

### CONTINUOUSLY VARIABLE TRANSMISSION

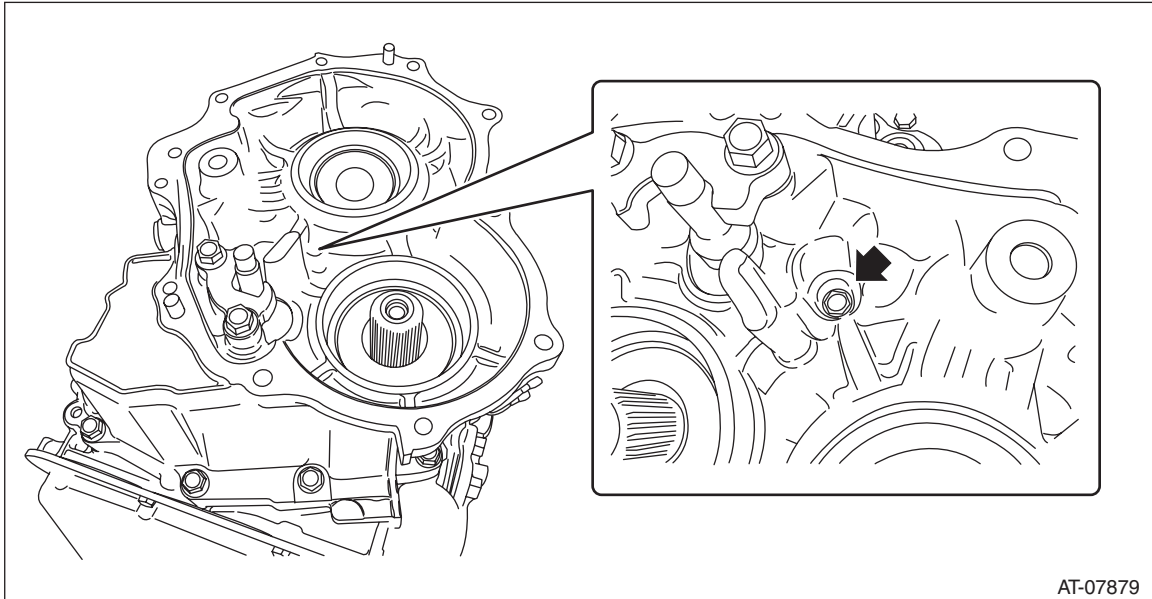
5) Install the intermediate case and the transmission hanger to the transmission case.

**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)-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.>

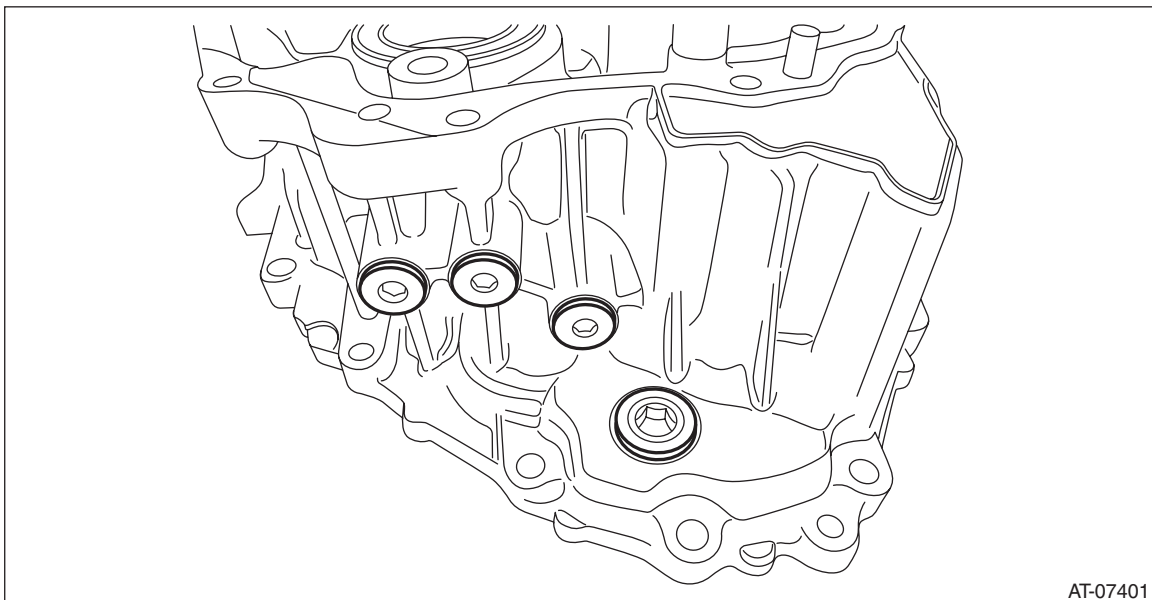
11) Install the transmission to vehicle.<Ref. to CVT(TR690)-69, INSTALLATION, Automatic Transmission Assembly.>

## C: DISASSEMBLY

1) Remove the parking support.

2) Remove the CVTF filler plug.

3) Remove all plugs from intermediate case.



## Intermediate Case

### CONTINUOUSLY VARIABLE TRANSMISSION

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.>

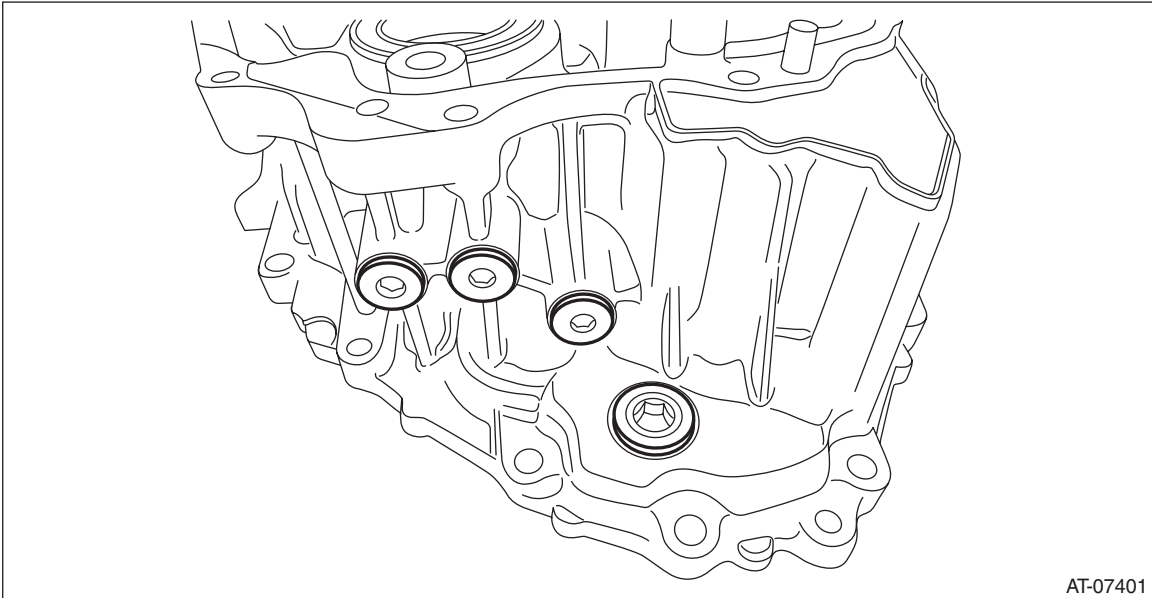
2) Install all plugs to intermediate case.

#### ***Tightening torque:***

***25 N·m (2.5 kgf-m, 18.4 ft-lb)***

#### **NOTE:**

Use new O-rings.



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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.