

### 29. Extension Case

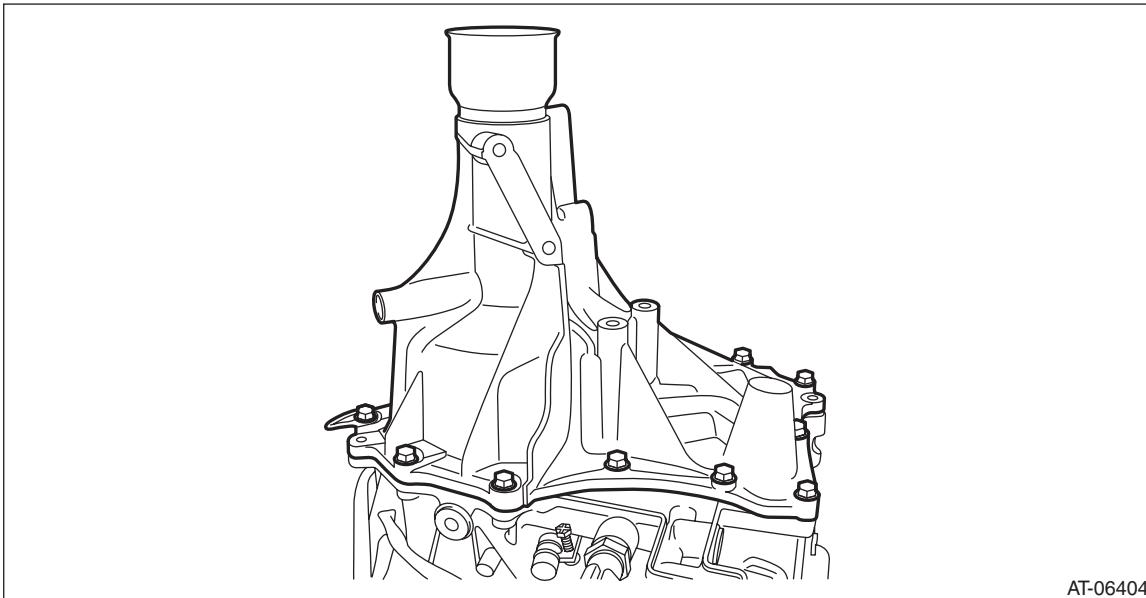
#### A: REMOVAL

1) Remove the transmission assembly from the vehicle. <Ref. to CVT(TR580)-57, REMOVAL, Automatic Transmission Assembly.>

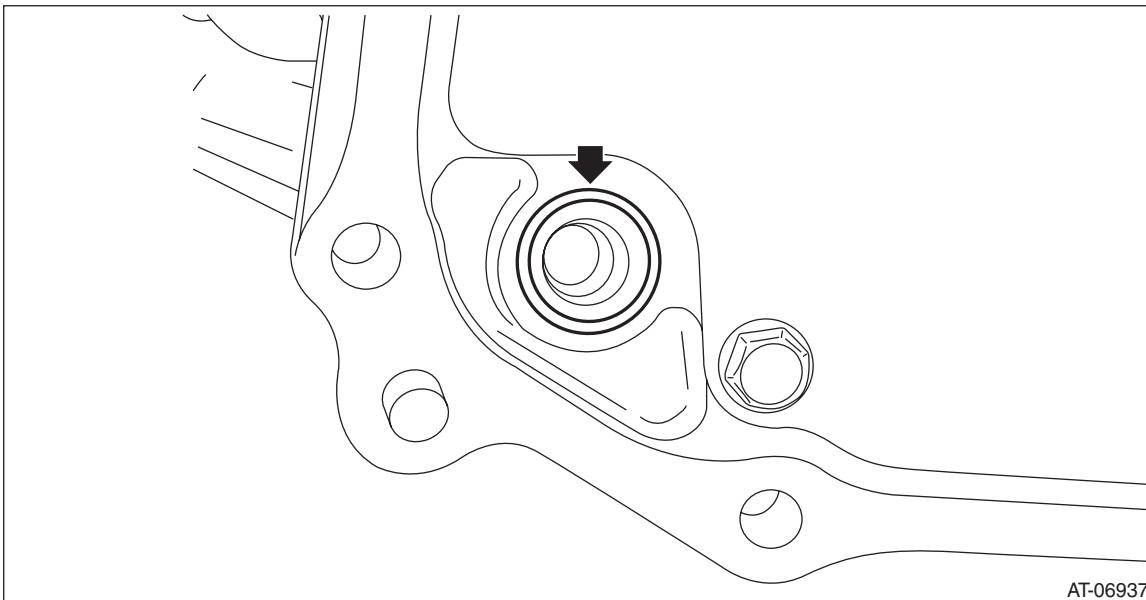
2) Remove the extension case and transmission hanger.

NOTE:

The total number of extension case mounting bolts is 13.



3) Remove the O-ring.



# Extension Case

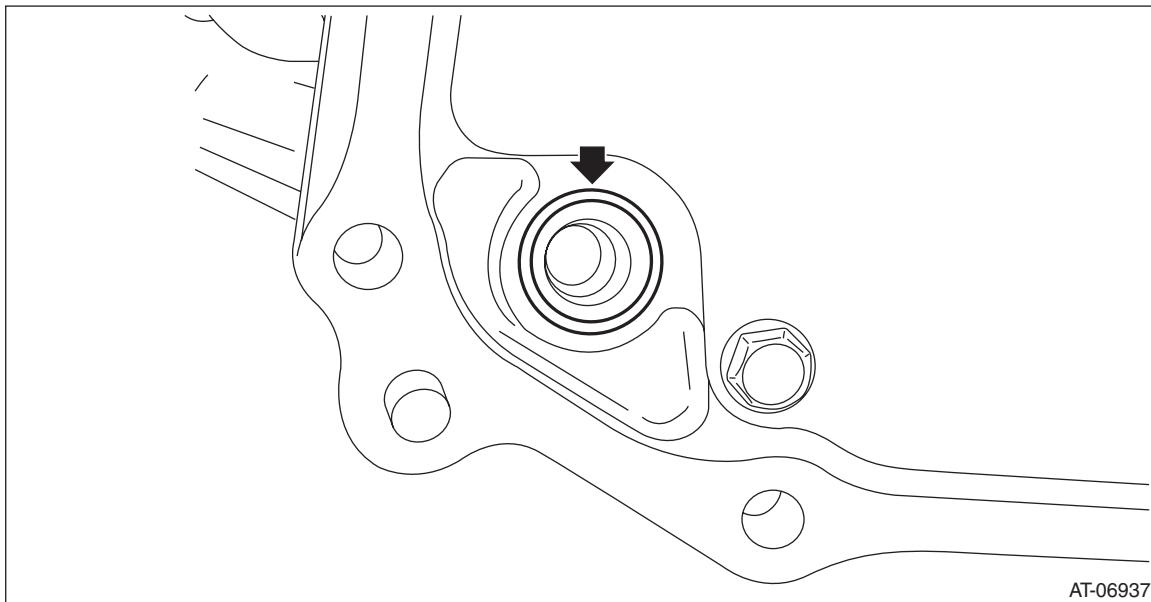
## CONTINUOUSLY VARIABLE TRANSMISSION

### B: INSTALLATION

- 1) Clean the mating surface of extension case and transmission case.
- 2) Select the transfer drive gear shim.<Ref. to CVT(TR580)-219, ADJUSTMENT, Reduction Drive Gear.>
- 3) Select the transfer driven gear shim.<Ref. to CVT(TR580)-181, ADJUSTMENT, Transfer Clutch.>
- 4) Attach the selected transfer drive gear shim to extension case with vaseline.
- 5) Attach the selected transfer driven gear shim to extension case with vaseline.
- 6) Install the O-ring to the transmission case.

NOTE:

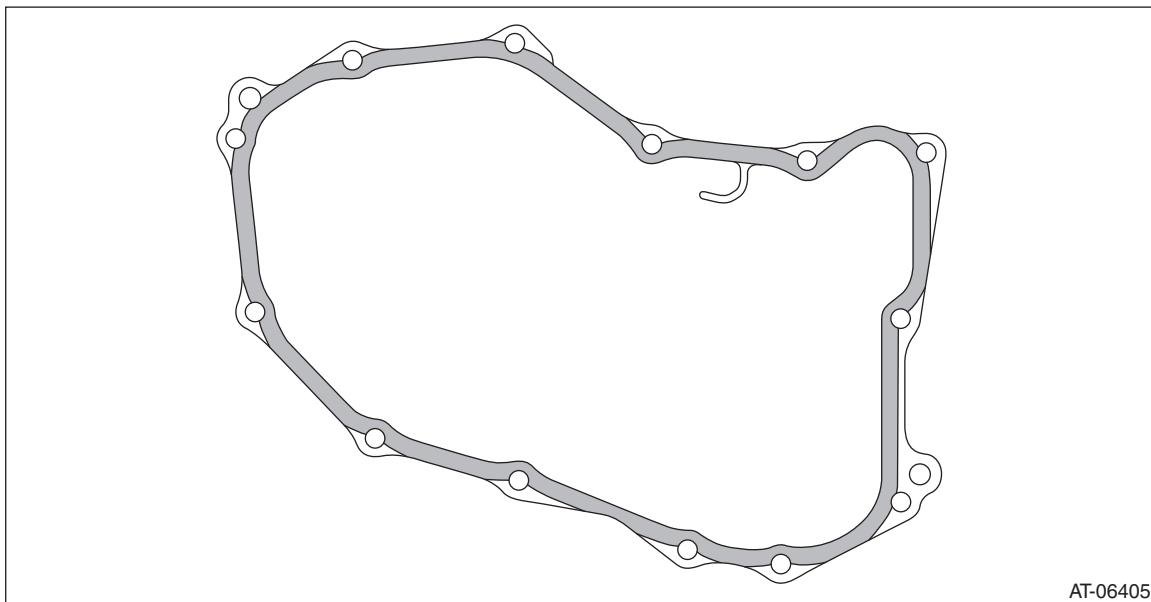
- Use new O-rings.
- Apply CVTF to the O-rings.



- 7) Apply liquid gasket to extension case seamlessly.

**Liquid gasket:**

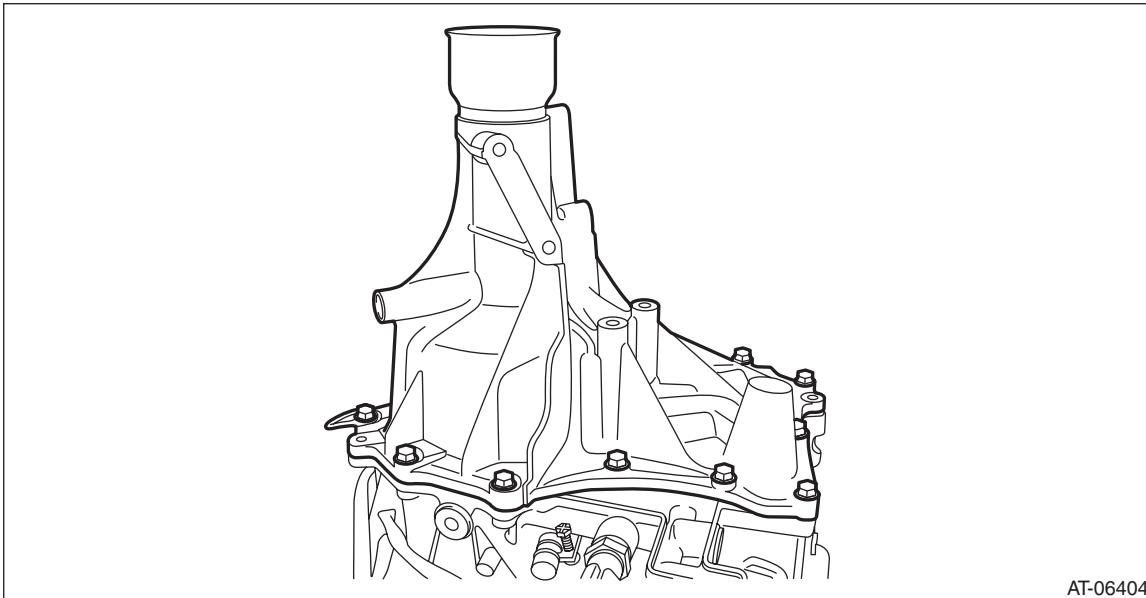
**THREE BOND 1215B or equivalent**



8) Install the extension case to transmission hanger.

**Tightening torque:**

25 N·m (2.5 kgf-m, 18.4 ft-lb)



9) Install the transmission assembly.<Ref. to CVT(TR580)-67, INSTALLATION, Automatic Transmission Assembly.>

## C: DISASSEMBLY

- 1) Remove the dust cover from extension case.
- 2) Remove the extension case oil seal from the extension case. <Ref. to CVT(TR580)-83, REPLACEMENT, Extension Case Oil Seal.>
- 3) Remove all plugs.

### D: ASSEMBLY

- 1) Press-fit the dust cover into extension case.
- 2) Install the extension case oil seal to extension case. <Ref. to CVT(TR580)-83, REPLACEMENT, Extension Case Oil Seal.>
- 3) Install all plugs.

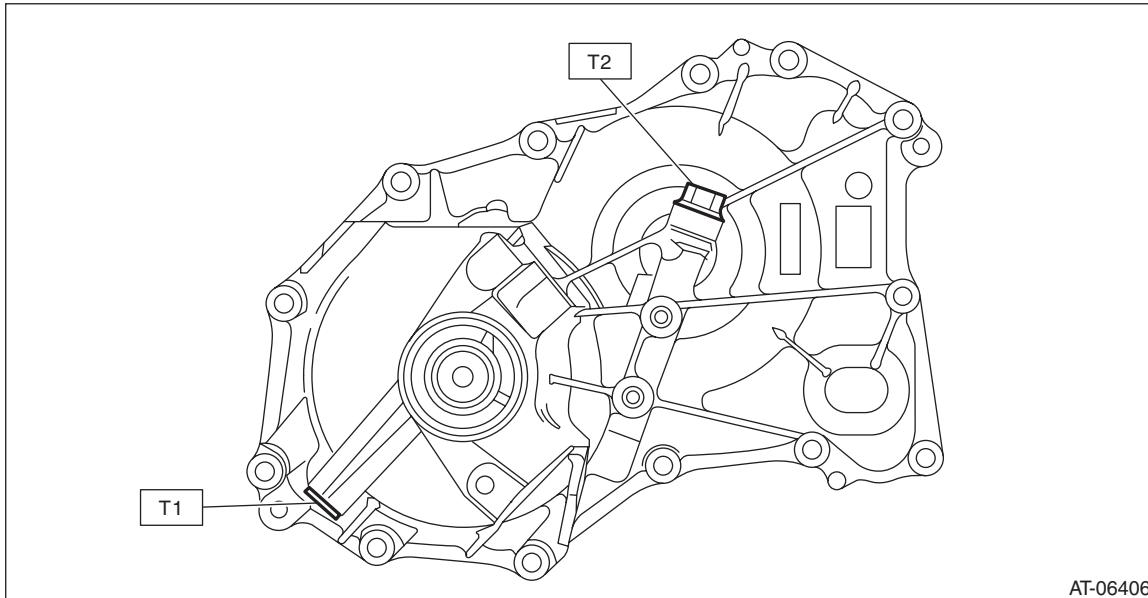
NOTE:

- Use a new O-ring or a gasket.
- Apply CVTF to the O-ring.

**Tightening torque:**

**T1: 25 N·m (2.5 kgf-m, 18.4 ft-lb)**

**T2: 35 N·m (3.6 kgf-m, 25.8 ft-lb)**



### E: INSPECTION

- Check there is no leak of CVTF from the joint between extension case and transmission case.
- Check there is no damage or cracks on the extension case and other parts.

### F: ADJUSTMENT

NOTE:

When replacing the extension case, select the transfer drive gear shim and transfer driven gear shim. <Ref. to CVT(TR580)-219, ADJUSTMENT, Reduction Drive Gear.> <Ref. to CVT(TR580)-181, ADJUSTMENT, Transfer Clutch.>