

## Extension Case

CONTINUOUSLY VARIABLE TRANSMISSION

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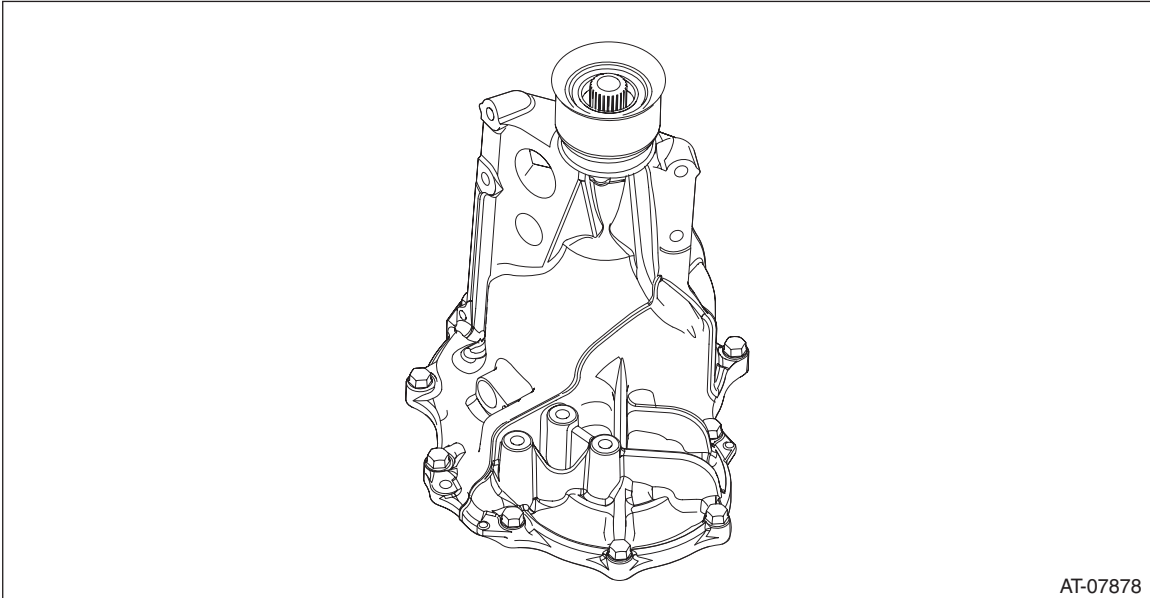
### 29.Extension Case

#### A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to CVT(TR690)-56, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the front wheel speed sensor. <Ref. to CVT(TR690)-105, REMOVAL, Front Wheel Speed Sensor.>
- 3) Remove the harness clip, and remove the extension case.

#### NOTE:

The total number of extension case mounting bolts is 10.

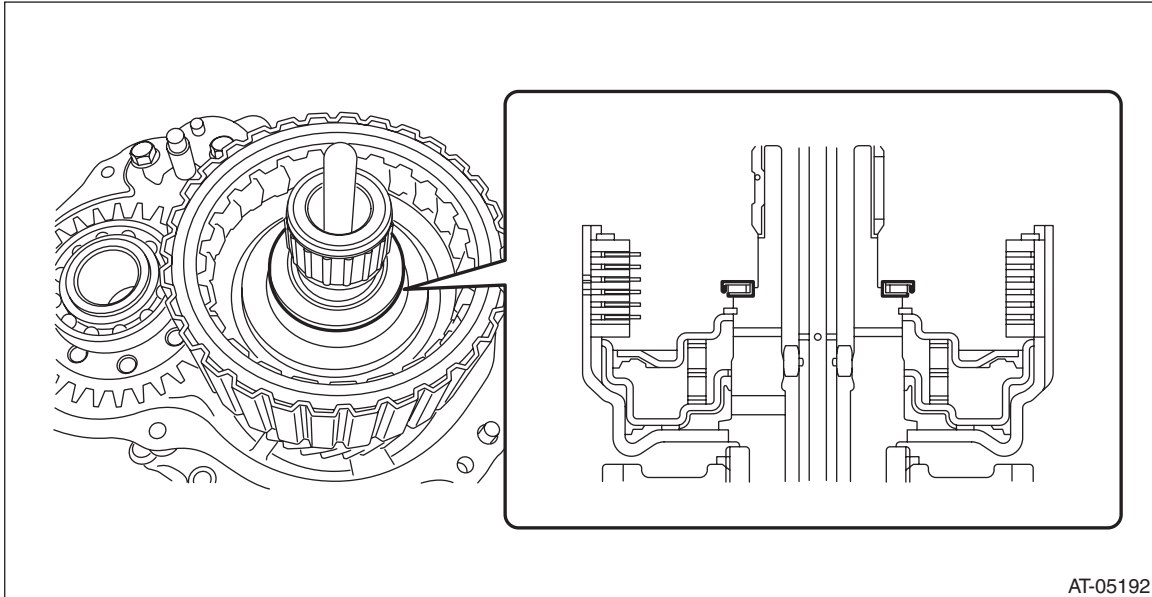


## B: INSTALLATION

- 1) Clean the mating surface of the extension case and intermediate case.
- 2) Select the thrust needle bearing.<Ref. to CVT(TR690)-145, ADJUSTMENT, Rear Drive Shaft.>
- 3) Select the shim for transfer reduction driven gear.<Ref. to CVT(TR690)-163, ADJUSTMENT, Transfer Reduction Driven Gear.>
- 4) Install the selected thrust needle bearing to transfer clutch assembly.

### NOTE:

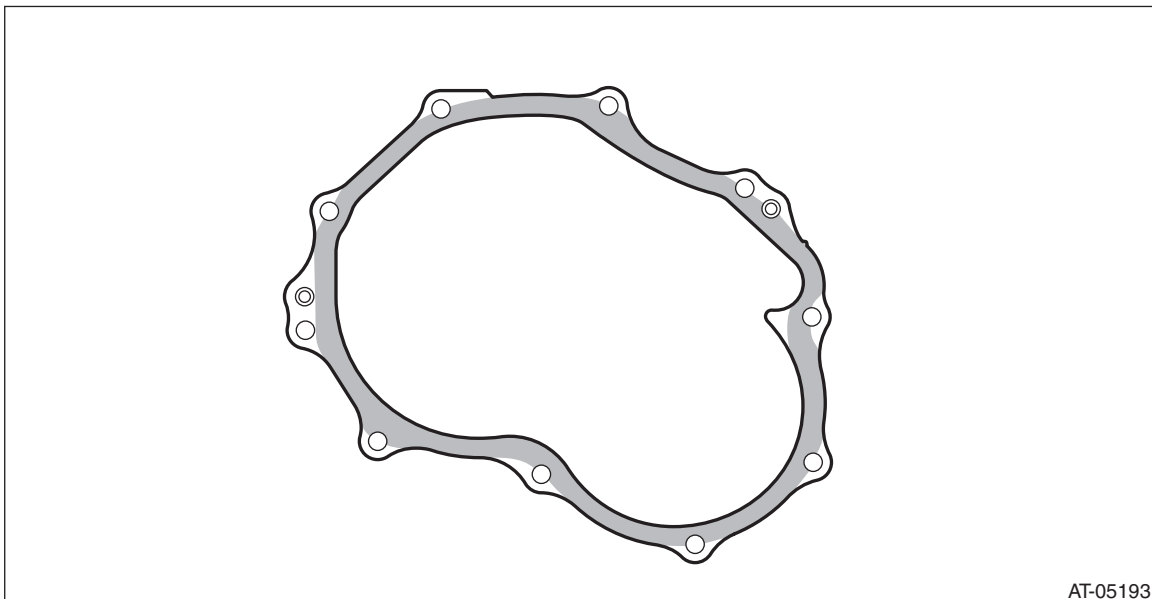
Install the thrust needle bearing in the correct direction.



- 5) Attach the selected shim to transfer reduction driven gear assembly.
- 6) Apply liquid gasket to extension case seamlessly.

### Liquid gasket:

**THREE BOND 1215B or equivalent**



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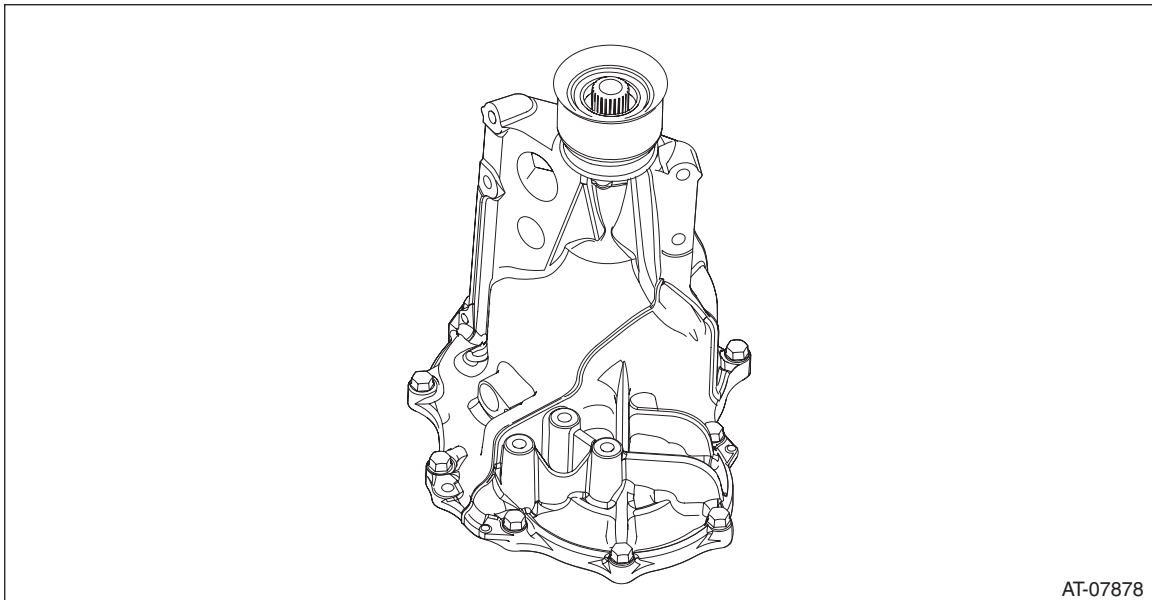
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7) Install the extension case.

**Tightening torque:**

**25 N·m (2.5 kgf-m, 18.4 ft-lb)**



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8) Install the front wheel speed sensor. <Ref. to CVT(TR690)-105, INSTALLATION, Front Wheel Speed Sensor.>

9) Install the transmission assembly. <Ref. to CVT(TR690)-69, 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.

## D: ASSEMBLY

- 1) Press-fit the dust cover into extension case.
- 2) Install the extension case oil seal to extension case.

ST 498057300 INSTALLER

## E: INSPECTION

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

## F: ADJUSTMENT

### NOTE:

When replacing the extension case, select the shims for rear drive shaft thrust needle bearing and transfer reduction driven gear. <Ref. to CVT(TR690)-145, ADJUSTMENT, Rear Drive Shaft.> <Ref. to CVT(TR690)-163, ADJUSTMENT, Transfer Reduction Driven Gear.>