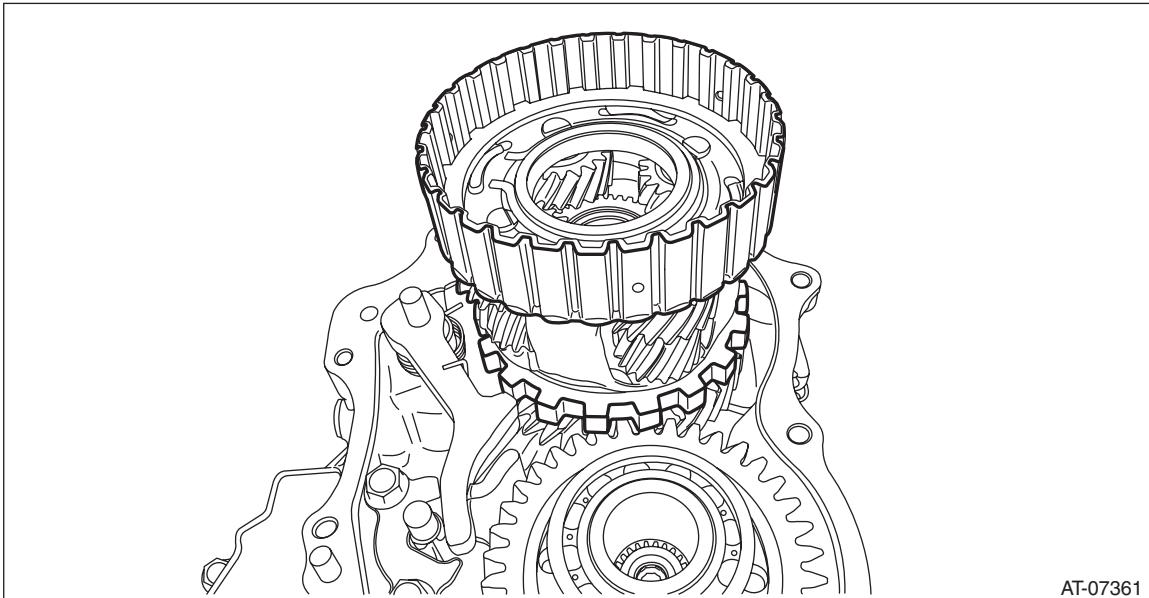


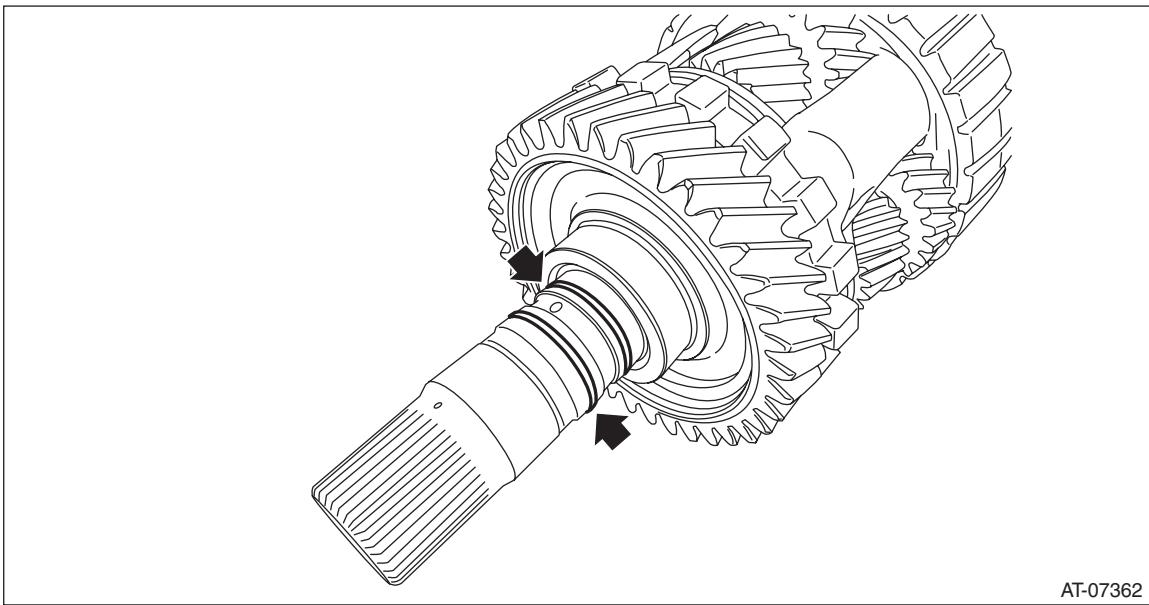
31. Center Differential Carrier

A: REMOVAL

- 1) Remove the transmission assembly from the vehicle.
- 2) Remove the extension case. <Ref. to CVT(TR690)-142, REMOVAL, Extension Case.>
- 3) Remove the rear drive shaft. <Ref. to CVT(TR690)-146, REMOVAL, Rear Drive Shaft.>
- 4) Remove the transfer clutch. <Ref. to CVT(TR690)-151, REMOVAL, Transfer Clutch.>
- 5) Remove the center differential carrier assembly.



- 6) Remove the seal rings.

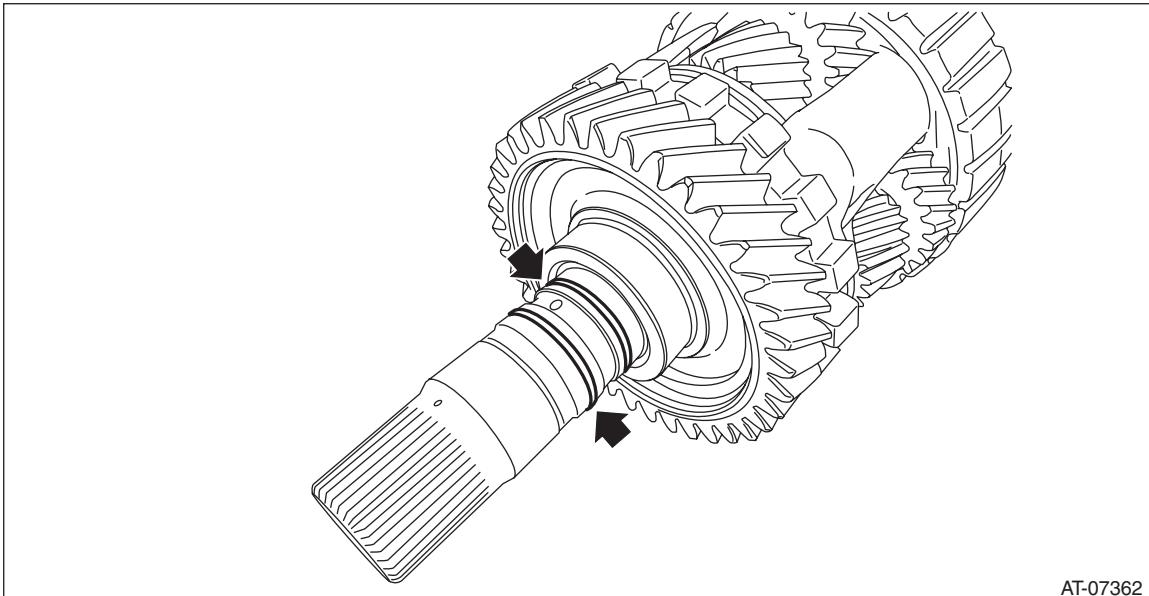


B: INSTALLATION

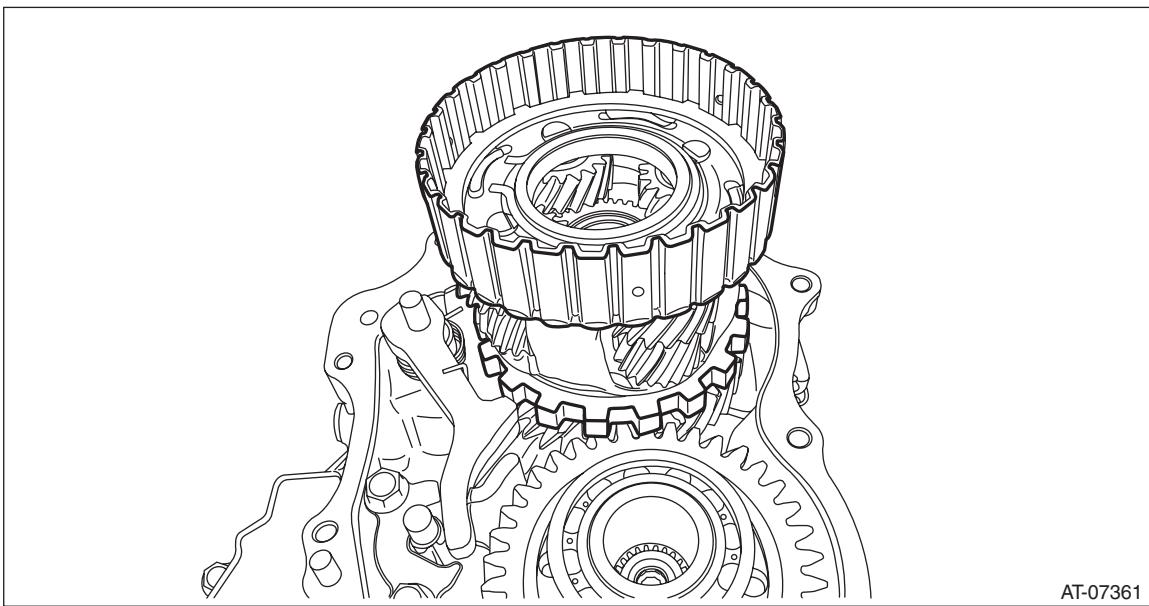
1) Install the seal rings.

NOTE:

- Use new seal rings.
- Do not stretch the seal ring excessively.
- Apply CVTF after installation.



2) Install the center differential assembly.



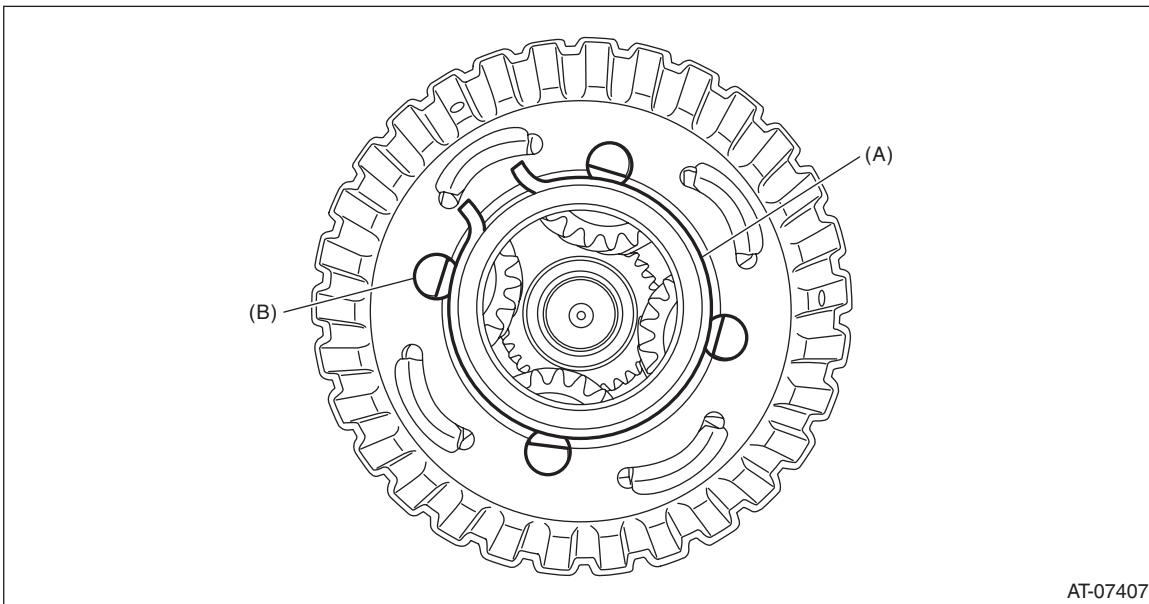
- 3) Install the transfer clutch. <Ref. to CVT(TR690)-151, INSTALLATION, Transfer Clutch.>
- 4) Select driven plate No. 3 to replace. <Ref. to CVT(TR690)-152, ADJUSTMENT, Transfer Clutch.>
- 5) Install the rear drive shaft. <Ref. to CVT(TR690)-146, INSTALLATION, Rear Drive Shaft.>
- 6) Select the rear drive shaft shim. <Ref. to CVT(TR690)-149, ADJUSTMENT, Rear Drive Shaft.>
- 7) Install the extension case. <Ref. to CVT(TR690)-143, INSTALLATION, Extension Case.>
- 8) Install the transmission assembly to the vehicle.

Center Differential Carrier

CONTINUOUSLY VARIABLE TRANSMISSION

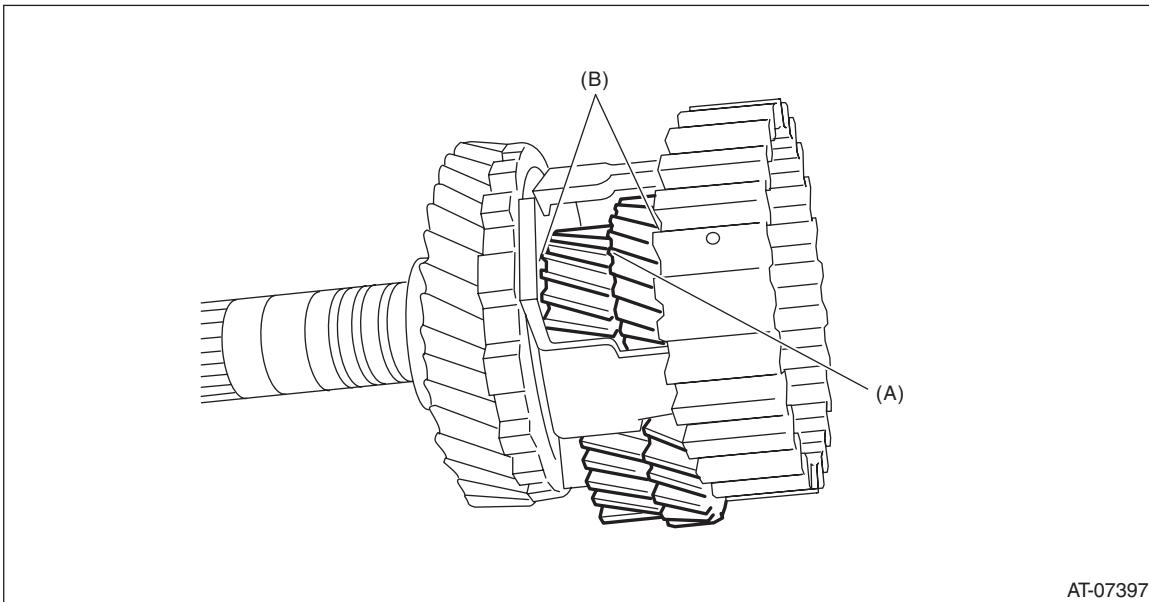
C: DISASSEMBLY

- 1) Remove the snap ring, and pull out the pinion shaft from center differential assembly.



(A) Snap ring
(B) Pinion shaft

- 2) Remove the pinion gear and washers from center differential assembly.



(A) Pinion gear
(B) Washer

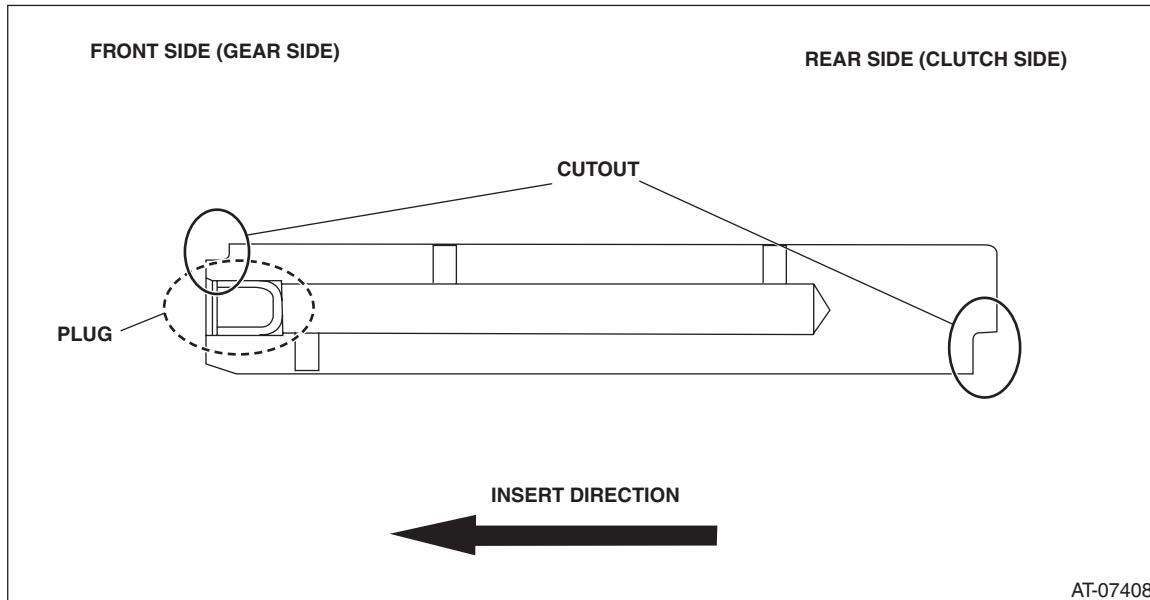
- 3) Remove the intermediate shaft and thrust bearing.

D: ASSEMBLY

- 1) Install the thrust bearing onto intermediate shaft.
- 2) Insert the intermediate shaft into the center differential assembly.
- 3) Install the pinion gears and washers.
- 4) Insert the pinion shaft into the center differential assembly.

NOTE:

- Insert the pinion shaft with the side with the plug side facing the front side (gear side).
- After inserting the pinion shaft, adjust its position so that the cutout portion on the front side is on the inner side.



- 5) Install the snap ring.

E: INSPECTION

- Check each part for crack, damage, wear or dust.
- Inspect the extension end play, and adjust it to within the standard value. <Ref. to CVT(TR690)-152, ADJUSTMENT, Transfer Clutch.>