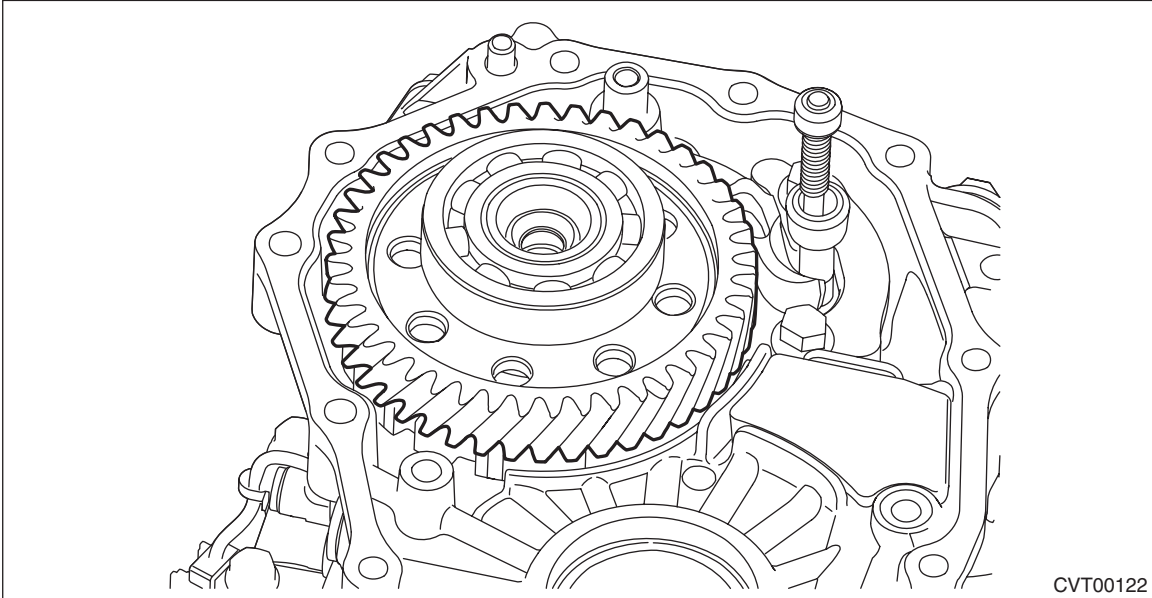


## 35.Transfer Drive Gear

### A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to CVT(TH58A)-63, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the extension case. <Ref. to CVT(TH58A)-182, REMOVAL, Extension Case.>
- 3) Remove the transfer clutch assembly. <Ref. to CVT(TH58A)-186, REMOVAL, Transfer Clutch.>
- 4) Remove the transfer driven gear assembly. <Ref. to CVT(TH58A)-200, REMOVAL, Transfer Driven Gear.>
- 5) Remove the transfer drive gear assembly.

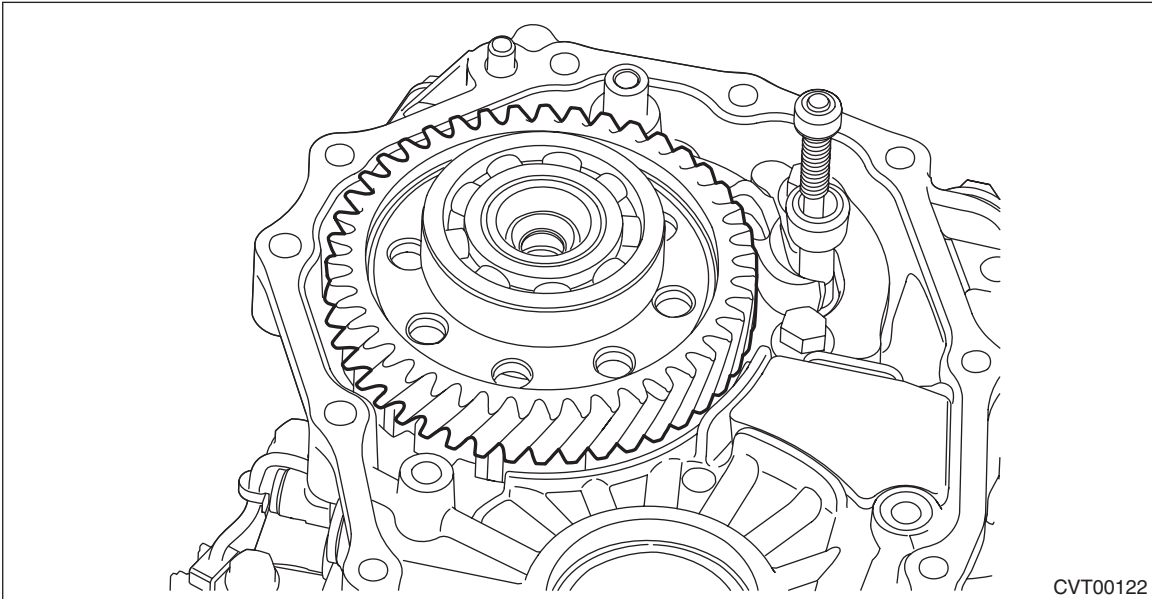


# Transfer Drive Gear

## CONTINUOUSLY VARIABLE TRANSMISSION

### B: INSTALLATION

1) Install the transfer drive gear assembly.



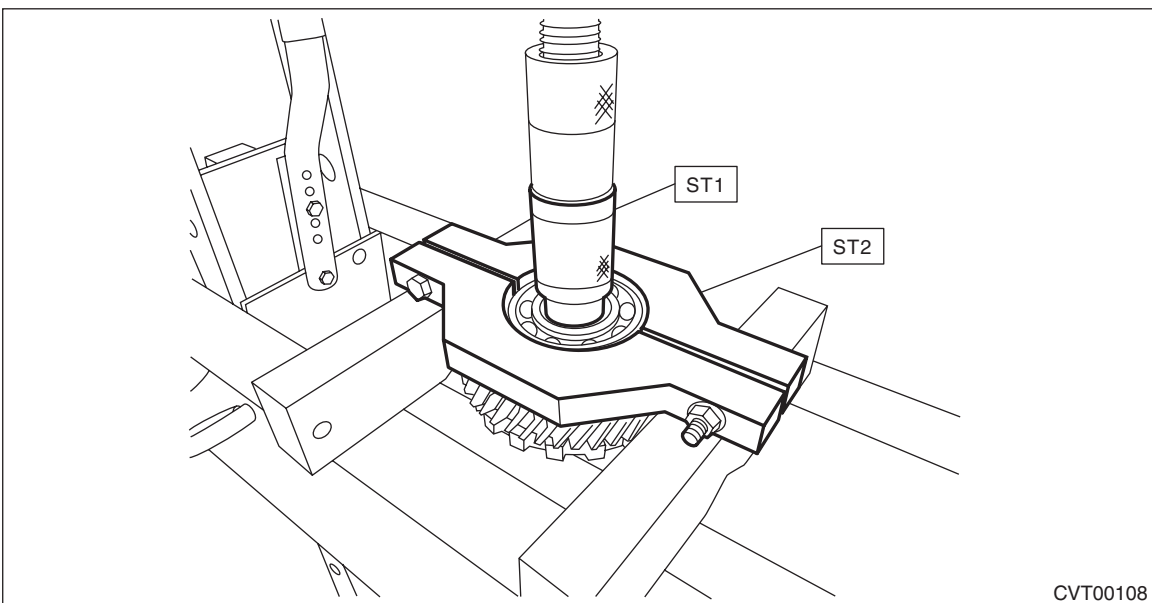
- 2) Select the transfer drive gear shim. <Ref. to CVT(TH58A)-207, ADJUSTMENT, Transfer Drive Gear.>
- 3) Attach the selected transfer drive gear shim to extension case with vaseline.
- 4) Install the transfer driven gear assembly. <Ref. to CVT(TH58A)-201, INSTALLATION, Transfer Driven Gear.>
- 5) Install the transfer clutch assembly. <Ref. to CVT(TH58A)-188, INSTALLATION, Transfer Clutch.>
- 6) Install the extension case. <Ref. to CVT(TH58A)-183, INSTALLATION, Extension Case.>
- 7) Install the transmission assembly to the vehicle. <Ref. to CVT(TH58A)-77, INSTALLATION, Automatic Transmission Assembly.>

### C: DISASSEMBLY

1) Remove the ball bearing using ST.

ST1 499757002 INSTALLER

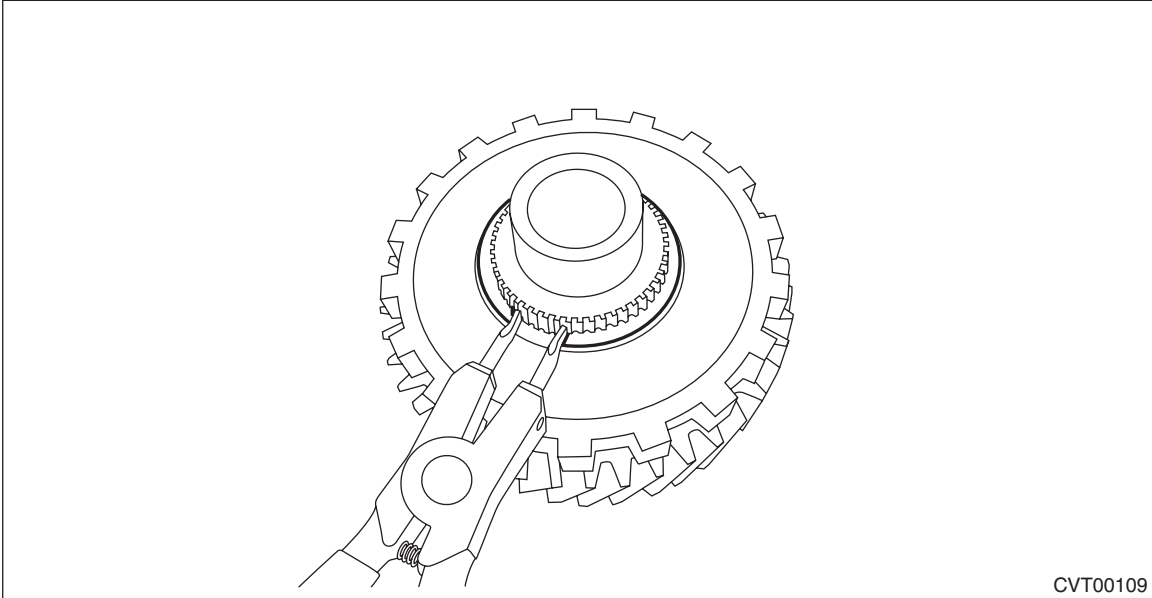
ST2 498077300 REMOVER



# Transfer Drive Gear

CONTINUOUSLY VARIABLE TRANSMISSION

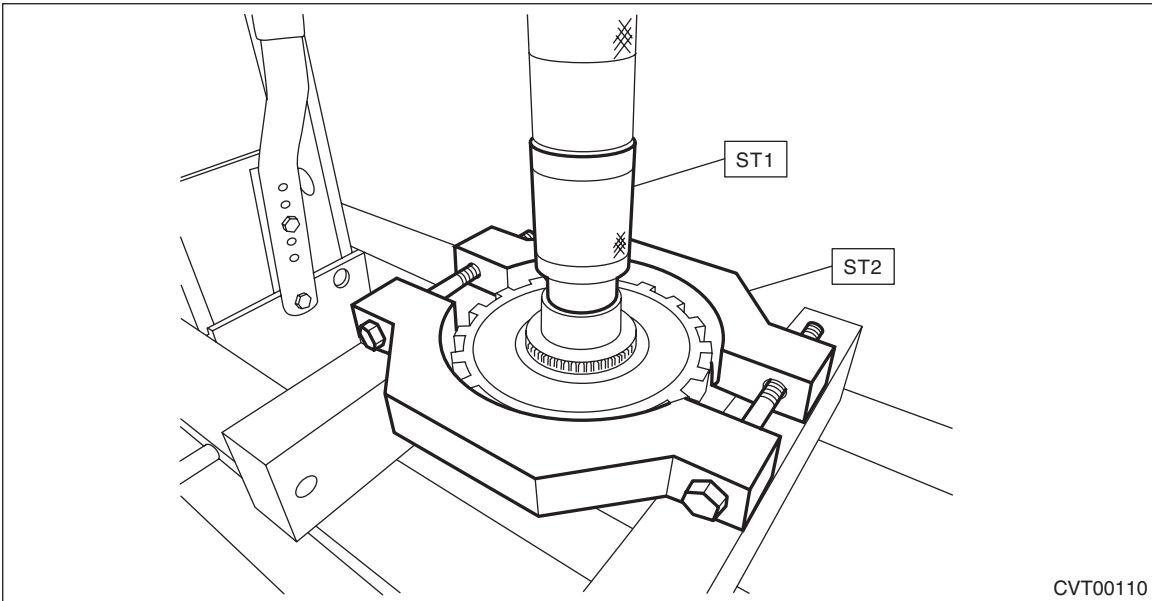
2) Remove the snap ring.



CVT00109

3) Using the ST, remove the parking gear from transfer reduction drive gear.

ST1 499757002 INSTALLER  
ST2 18767AA000 BEARING REMOVER



CVT00110

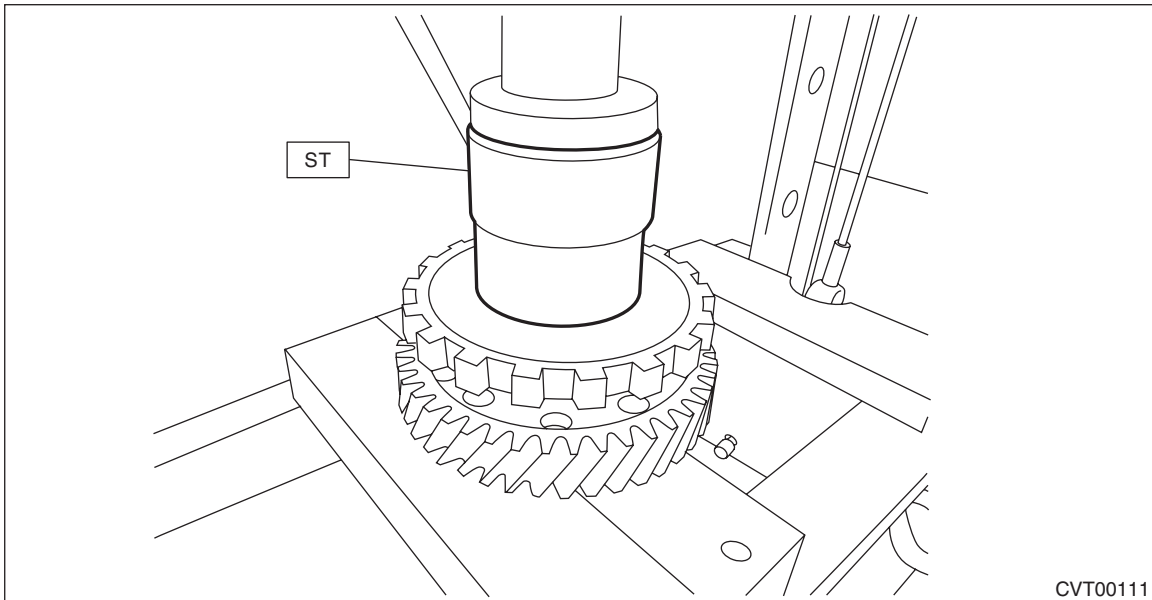
# Transfer Drive Gear

## CONTINUOUSLY VARIABLE TRANSMISSION

### D: ASSEMBLY

1) Using the ST, install the transfer drive gear.

ST 499755602 INSTALLER



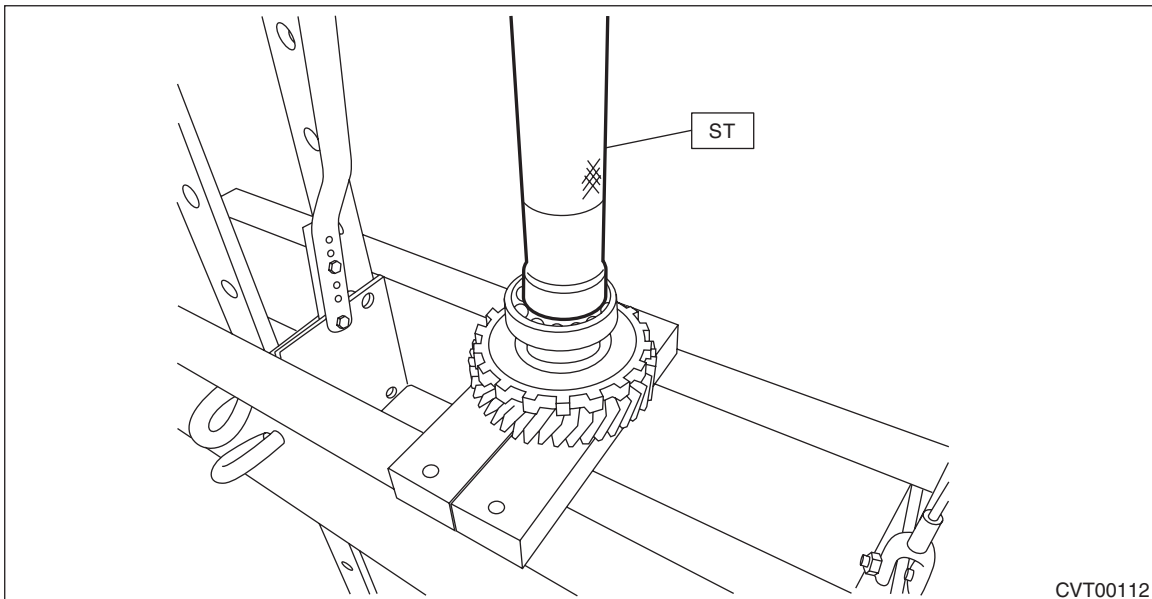
2) Install the snap ring.

3) Using the ST, install the ball bearing.

NOTE:

Use a new ball bearing.

ST 499277100 BUSHING 1-2 INSTALLER



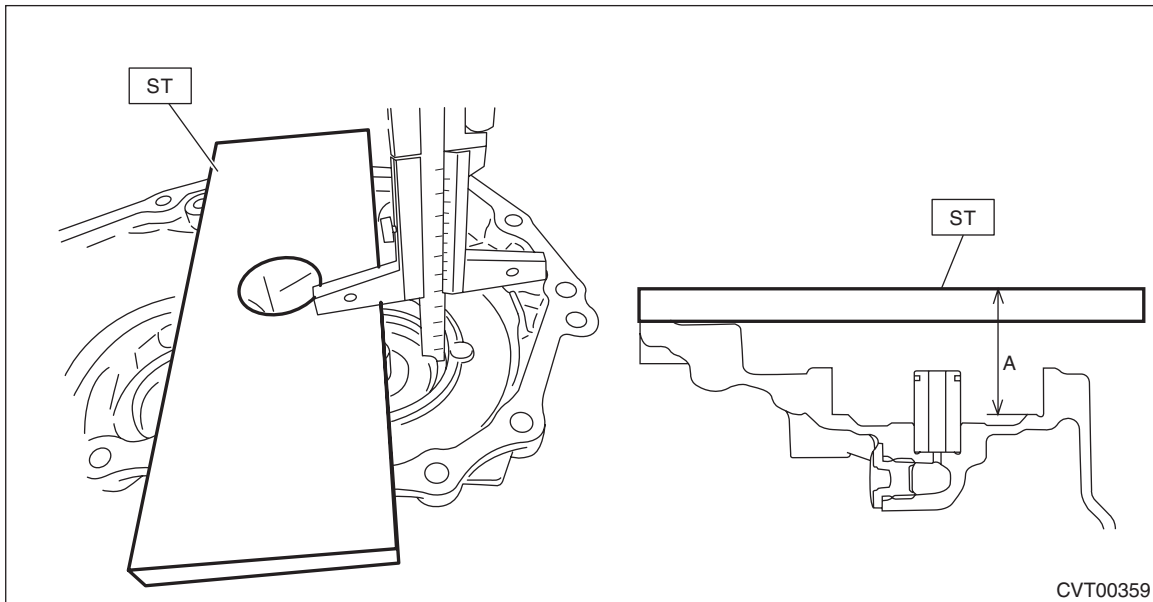
### E: INSPECTION

- Check the ball bearing for smooth rotation.
- Check the ball bearing for excessive looseness.
- Make sure each gear is not broken or damaged.

### F: ADJUSTMENT

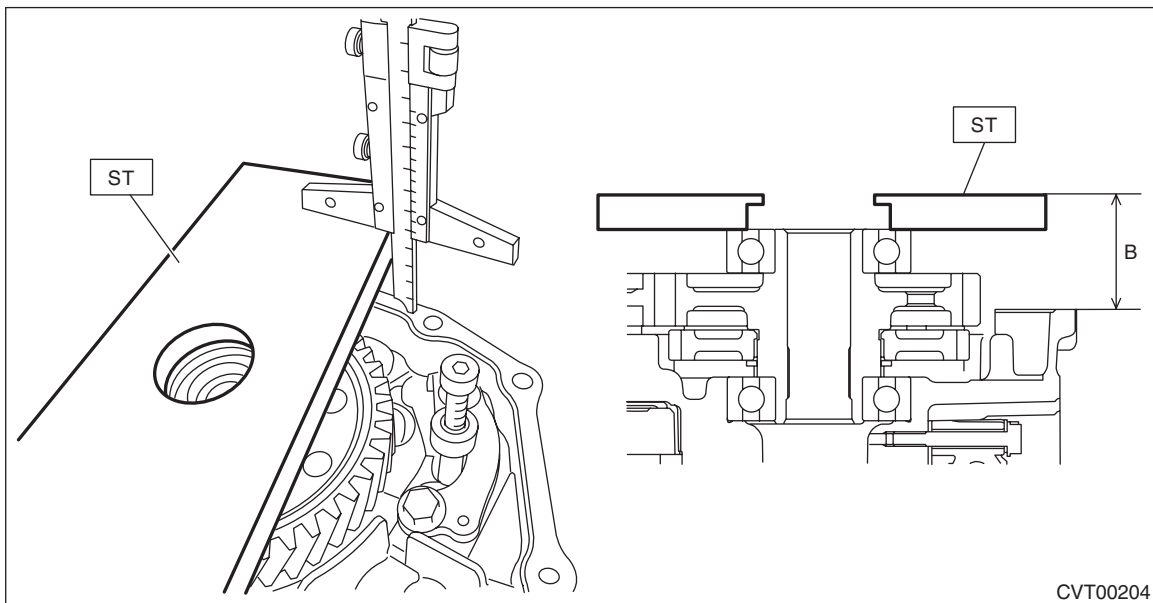
1) Measure the height "A" from the ST upper face to the ball bearing catch surface.

ST 499575600 GAUGE



2) Measure the height "B" from the ST to the mating surface of the transmission case.

ST 499575600 GAUGE



3) Obtain the thickness of transfer drive gear shim using the following formula to select zero to three transfer drive gear shims.

$$T \text{ (mm)} = A - B - (0.05 - 0.25)$$

$$[T \text{ (in)} = A - B - (0.002 - 0.01)]$$

T: Shim thickness

A: Height from the ST upper face to the ball bearing catch surface

B: Height from ST to transmission case mating surface

0.05 — 0.25 mm (0.002 — 0.01 in): Clearance

Transfer drive gear shim	
Part No.	Thickness mm (in)
33279AA090	0.3 (0.012)
33279AA100	0.4 (0.016)
33279AA110	0.5 (0.020)