

REDUCTION DRIVE GEAR

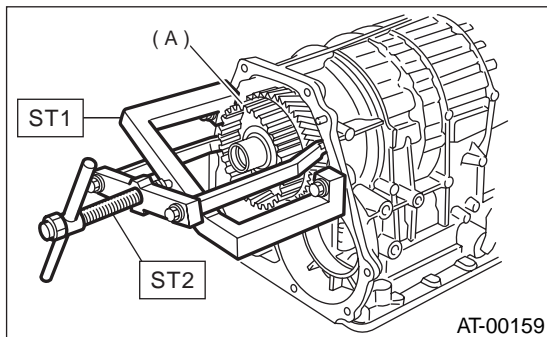
AUTOMATIC TRANSMISSION

31.Reduction Drive Gear

A: REMOVAL

- 1) Remove the transmission assembly from the vehicle. <Ref. to AT-39, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove rear vehicle speed sensor, and separate the transmission case and extension case. <Ref. to AT-85, REMOVAL, Extension Case.>
- 3) Remove the reduction driven gear. <Ref. to AT-100, REMOVAL, Reduction Driven Gear.>
- 4) Using ST, extract the reduction drive gear.

ST1 499737100 PULLER
ST2 899524100 PULLER SET



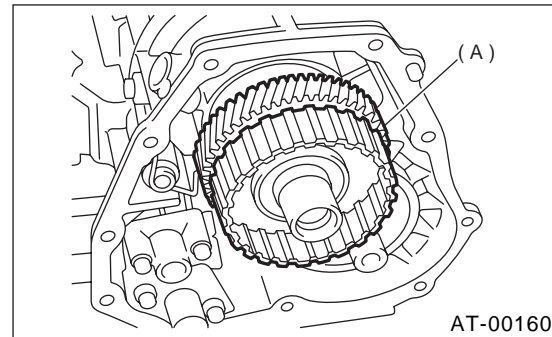
(A) Reduction drive gear

B: INSTALLATION

- 1) Install the reduction drive gear assembly.

NOTE:

Insert it fully into position until the bearing shoulder bottoms.



(A) Reduction drive gear

- 2) Install the reduction driven gear. <Ref. to AT-101, INSTALLATION, Reduction Driven Gear.>
- 3) Combine the transmission case with the extension case, and install rear vehicle speed sensor. <Ref. to AT-85, INSTALLATION, Extension Case.>
- 4) Install the transmission assembly to the vehicle. <Ref. to AT-42, INSTALLATION, Automatic Transmission Assembly.>

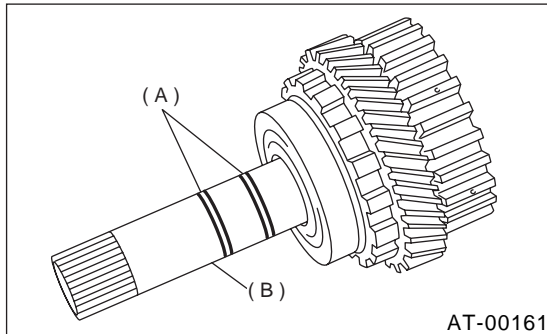
AT-103

REDUCTION DRIVE GEAR

AUTOMATIC TRANSMISSION

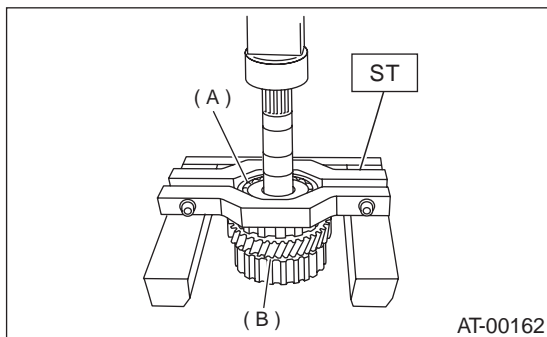
C: DISASSEMBLY

1) Take out the seal rings.



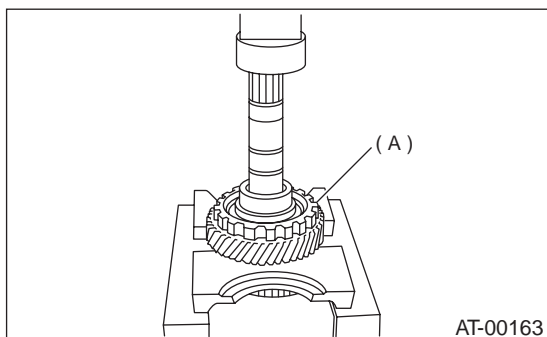
- (A) Seal rings
(B) Reduction drive shaft

2) Using ST, remove the ball bearing.
ST 498077600 REMOVER



- (A) Ball bearing
(B) Reduction drive gear

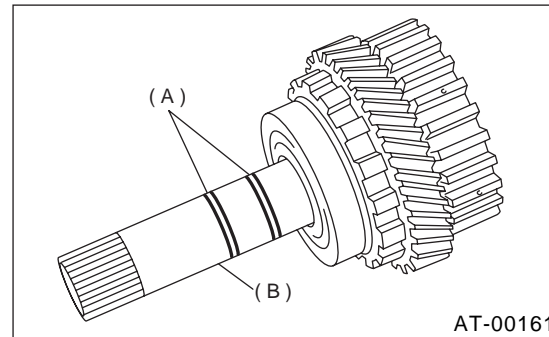
3) Using a press, remove the reduction drive gear.



- (A) Reduction drive gear

D: ASSEMBLY

- 1) Press-fit the reduction drive gear to the shaft.
- 2) Press-fit the a new ball bearing to the reduction drive gear.
- 3) Apply vaseline to outer surface of seal ring and shaft groove.
- 4) Attach new seal rings.



- (A) Seal rings
(B) Reduction drive shaft

E: INSPECTION

- Rotate bearing by hand, make sure it rotates smoothly.
- Make sure that each component is free of harmful gouges, cuts, or dust.
- Measure the extension end play and adjust it to within specifications.<Ref. to AT-93, ADJUSTMENT, Transfer Clutch.>