

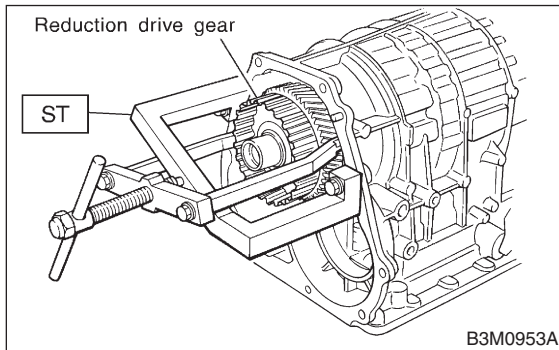
REDUCTION DRIVE GEAR

Automatic Transmission

11. Reduction Drive Gear S510591

A: REMOVAL S510591A18

- 1) Remove vehicle sensor 1 (rear), and separate the transmission case and extension case. <Ref. to AT-31 REMOVAL, Extension Case.>
- 2) Remove the reduction driven gear. <Ref. to AT-38 REMOVAL, Reduction Driven Gear.>
- 3) Using the ST, extract the reduction drive gear.
ST 499737100 PULLER SET

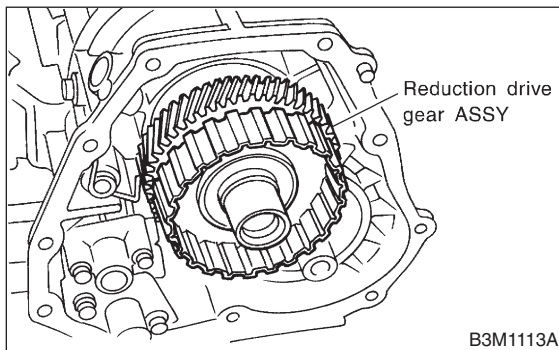


B: INSTALLATION S510591A11

- 1) Install the reduction drive gear assembly.

NOTE:

Insert it fully into position until the bearing shoulder bottoms.



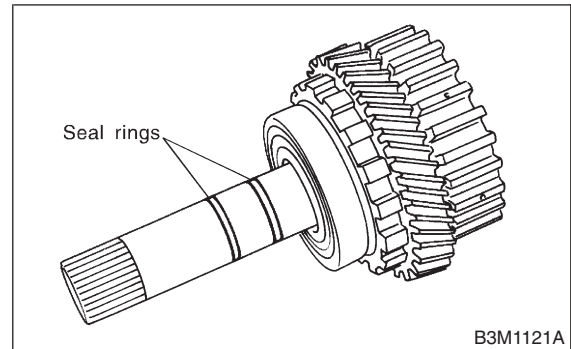
- 2) Install the reduction driven gear. <Ref. to AT-38 INSTALLATION, Reduction Driven Gear.>
- 3) Combine the transmission case with the extension case, and install vehicle speed sensor 1 (rear). <Ref. to AT-31 INSTALLATION, Extension Case.>

C: DISASSEMBLY S510591A06

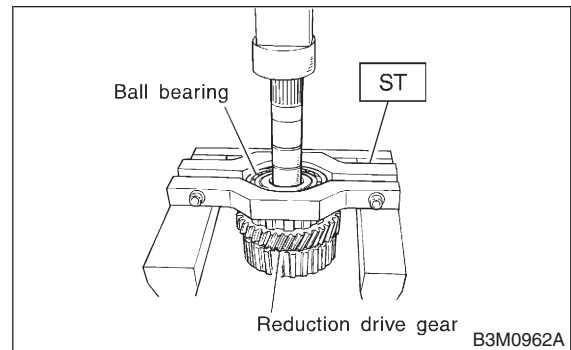
- 1) Take out the seal rings.

CAUTION:

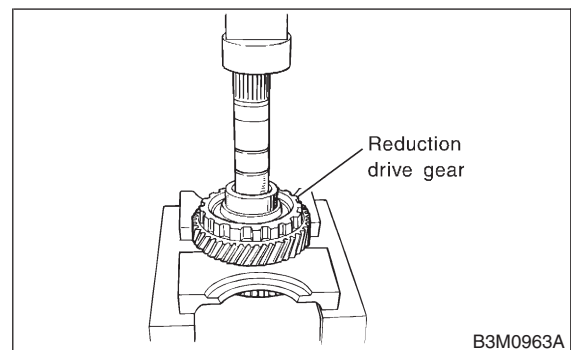
Be careful not to damage the seal rings.



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



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

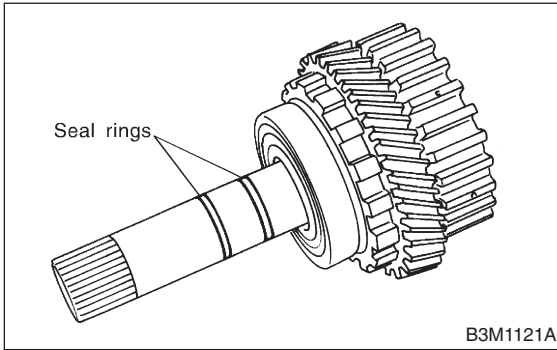


D: ASSEMBLY S510591A02

- 1) Press-fit the reduction drive gear to the shaft.
- 2) Press-fit the ball bearing to the reduction drive gear.
- 3) Attach two seal rings.

NOTE:

To make subsequent assembly easier, apply vaseline to the grooves of the shaft and to the exterior of the seal ring.



E: INSPECTION S510591A10

- 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-36 ADJUSTMENT, Transfer Clutch.>