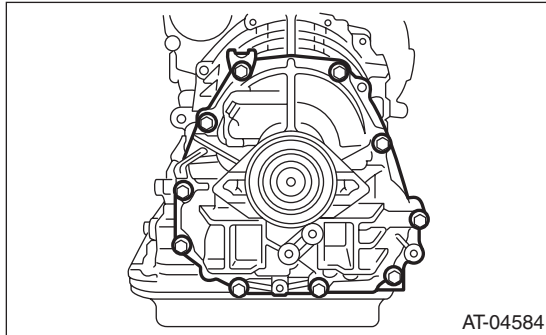


25.Extension Case

A: REMOVAL

- 1) Remove the transmission assembly. <Ref. to 4AT-34, REMOVAL, Automatic Transmission Assembly.>
- 2) Separate the transmission case and extension case section.



B: INSTALLATION

- 1) Apply vaseline to the contact surface, and attach the selected thrust needle bearing to the end surface of the reduction drive gear.

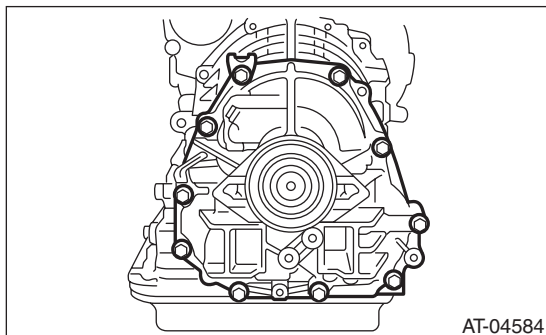
NOTE:

Install the thrust needle bearing in the correct direction.

- 2) Install a new gasket.
- 3) Install the extension case to transmission case.
- 4) Tighten bolts to secure the extension case.

Tightening torque:

25 N·m (2.5 kgf-m, 18.4 ft-lb)



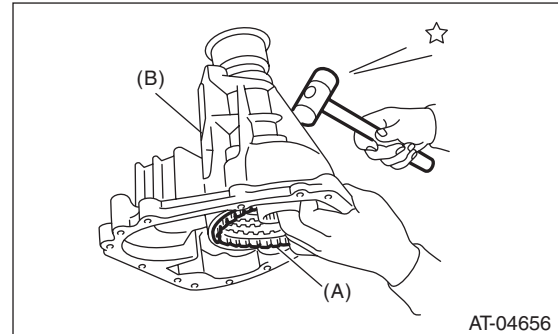
- 5) Install the transmission assembly. <Ref. to 4AT-37, INSTALLATION, Automatic Transmission Assembly.>

C: DISASSEMBLY

- 1) Hit the extension case lightly with a plastic hammer, and take out the transfer clutch.

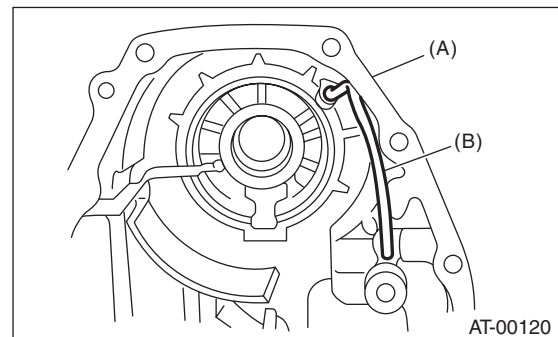
NOTE:

Be careful not to damage the oil seal of the extension case.



- (A) Transfer clutch
(B) Extension case

- 2) Remove the transfer clutch pipe while being careful not to deform the pipe.

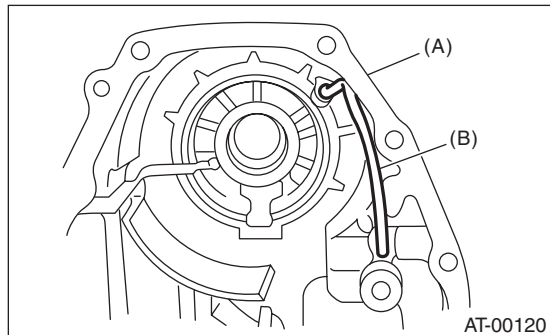


- (A) Extension case
(B) Transfer clutch pipe

- 3) Remove the dust cover from extension case.
- 4) Remove the oil seal from the extension case.

D: ASSEMBLY

- 1) Press-fit the new oil seal using ST and the press.
ST 498057300 INSTALLER
- 2) Press-fit the dust cover.
- 3) Install the transfer clutch pipe to the extension case while being careful not to deform the pipe.

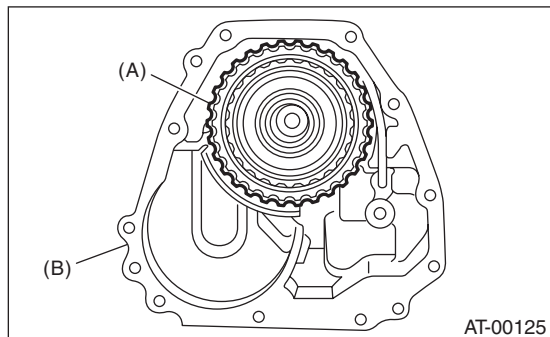


- (A) Extension case
(B) Transfer clutch pipe

- 4) Install the transfer clutch assembly to the case.

NOTE:

- Be careful not to damage the seal ring.
- Insert the transfer clutch assembly all the way to the bottom of the bearing shoulder.



- (A) Transfer clutch ASSY
(B) Extension case

E: INSPECTION

- Blow with compressed air to make sure the transfer clutch pipe and extension case routes are not clogged or leaking.
- Inspect the extension end play, and adjust it to within the standard value. <Ref. to 4AT-70, ADJUSTMENT, Transfer Clutch.>