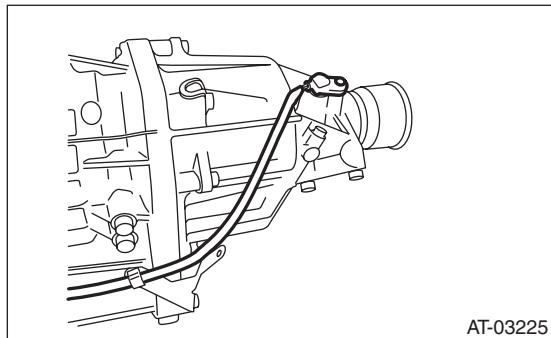


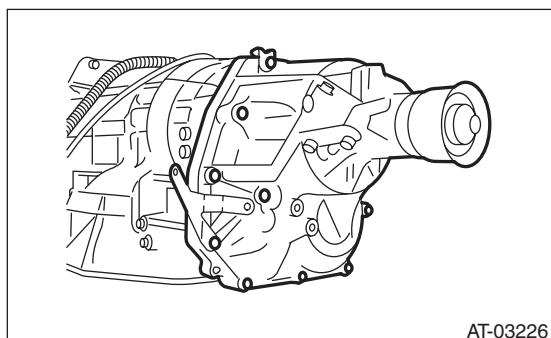
26. Extension Case

A: REMOVAL

- 1) Remove the transmission assembly.
<Ref. to 5AT-36, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the rear vehicle speed sensor.



- 3) Remove the extension case.



B: INSTALLATION

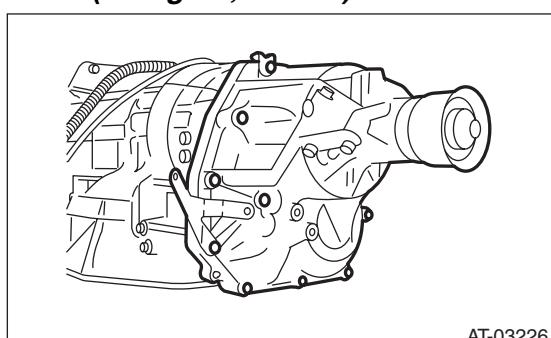
- 1) Attach the selected reduction driven gear shim to end surface of reduction driven gear with vaseline. <Ref. to 5AT-72, ADJUSTMENT, Reduction Driven Gear.>
- 2) Install the extension case.

NOTE:

Use a new gasket.

Tightening torque:

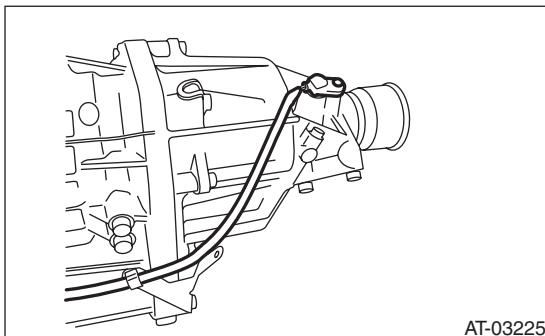
25 N·m (2.5 kgf·m, 18 ft·lb)



- 3) Install the rear vehicle speed sensor.

Tightening torque:

7 N·m (0.7 kgf·m, 5.2 ft·lb)



- 4) Install the transmission assembly.
<Ref. to 5AT-40, INSTALLATION, Automatic Transmission Assembly.>

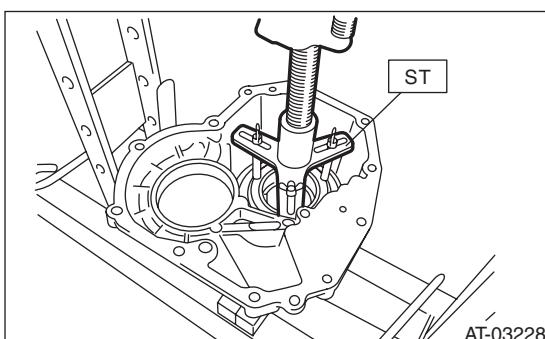
C: DISASSEMBLY

- 1) Take out the transfer clutch and multi-plate clutch hub assembly by lightly tapping the end of rear drive shaft.

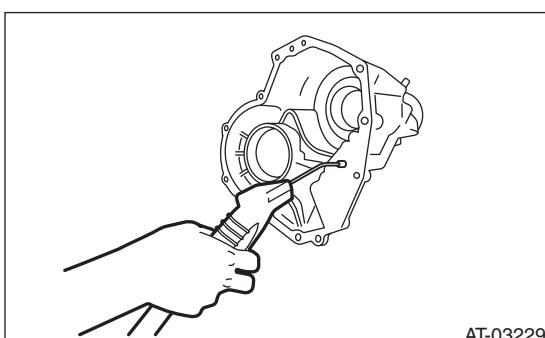
NOTE:

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

- 2) Remove the snap ring using the ST and press.
ST 18762AA000 COMPRESSOR SPECIAL TOOL



- 3) Remove the clutch piston by applying compressed air.

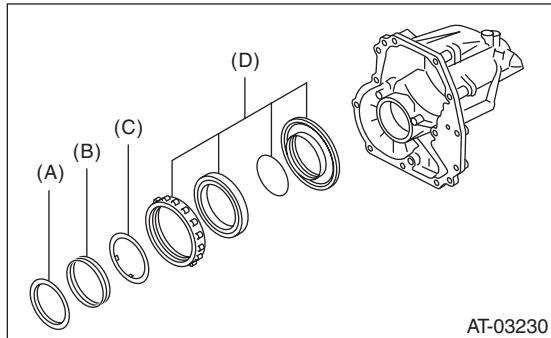


- 4) Remove the dust cover from extension case.

- 5) Remove the oil seal from the extension case.

D: ASSEMBLY

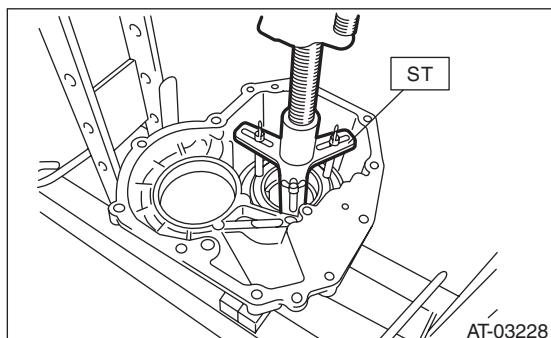
- 1) Press-fit the new oil seal using ST and the press.
ST 498057300 INSTALLER
- 2) Press-fit the dust cover.
- 3) Insert the transfer clutch assembly, spring retainer, return spring and clutch spring retainer.



(A) Clutch spring retainer
(B) Return spring
(C) Spring retainer
(D) Transfer clutch piston ASSY

- 4) Using the ST and compressor, install the snap ring.

ST 18762AA000 COMPRESSOR SPECIAL TOOL



- 5) Install the transfer clutch. <Ref. to 5AT-68, INSTALLATION, Transfer Clutch.>
- 6) Install the multi-plate hub assembly.

E: INSPECTION

- Use compressed air to make sure the extension case routes are not clogged or leaking.
- Inspect the extension end play, and adjust it to within the standard value.

<Ref. to 5AT-68, ADJUSTMENT, Transfer Clutch.>