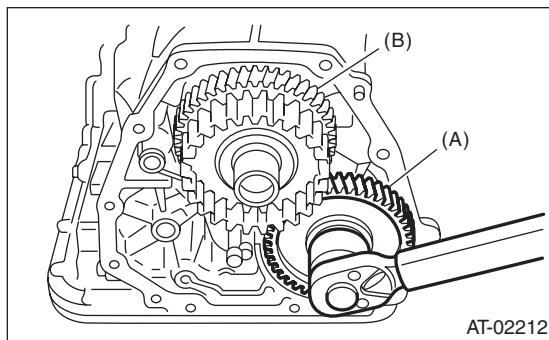


30. Reduction Driven Gear

A: REMOVAL

1. MP-T MODEL

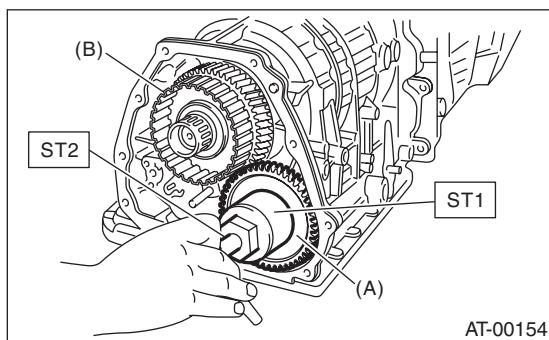
- 1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-37, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the rear wheel speed sensor, and separate the extension case from transmission case. <Ref. to 4AT-70, REMOVAL, Extension Case.>
- 3) Set the select lever to "P" range.
- 4) Lift the crimped section, and then remove the lock nut.



(A) Reduction driven gear
(B) Reduction drive gear

- 5) Using the ST1 and ST2, extract the reduction driven gear assembly.

ST1 499737000 PULLER
ST2 899524100 PULLER SET

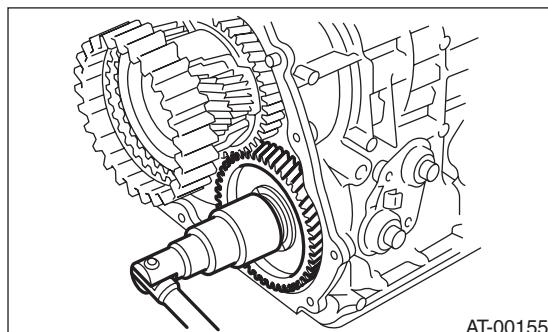


(A) Reduction driven gear ASSY
(B) Reduction drive gear ASSY

2. VTD MODEL

- 1) Remove the transmission assembly from vehicle body. <Ref. to 4AT-37, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove the rear wheel speed sensor, and separate the extension case from transmission case. <Ref. to 4AT-70, REMOVAL, Extension Case.>
- 3) Remove the rear drive shaft. <Ref. to 4AT-81, REMOVAL, Rear Drive Shaft.>
- 4) Set the select lever to "P" range.

- 5) Lift the crimped section, and then remove the lock nut.



AT-00155

- 6) Using the ST1 and ST2, extract the reduction driven gear.

ST1 499737000 PULLER
ST2 899524100 PULLER SET

- 7) Pull out the center differential assembly. <Ref. to 4AT-86, REMOVAL, Center Differential Carrier.>

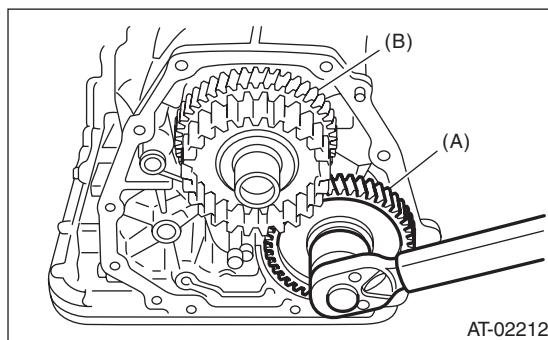
B: INSTALLATION

1. MP-T MODEL

- 1) Set the select lever to "P" range.
- 2) Using a plastic hammer, install the reduction driven gear assembly and the new washer, and tighten the new lock nut.

Tightening torque:

100 N·m (10.2 kgf·m, 73.8 ft-lb)



(A) Reduction driven gear ASSY
(B) Reduction drive gear ASSY

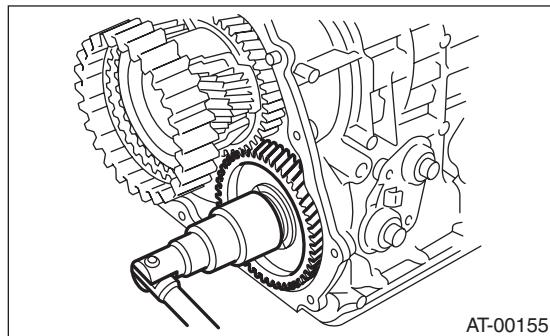
- 3) After tightening, stake the lock nut securely.
- 4) Join the transmission case and the extension case, and then install the rear vehicle speed sensor. <Ref. to 4AT-70, INSTALLATION, Extension Case.>
- 5) Install the transmission assembly to the vehicle. <Ref. to 4AT-40, INSTALLATION, Automatic Transmission Assembly.>

2. VTD MODEL

- 1) Set the select lever to "P" range.
- 2) Using a plastic hammer, install the reduction driven gear assembly.
- 3) Using a plastic hammer, install the center differential.
- 4) Install new self-locking nut and the washer.

Tightening torque:

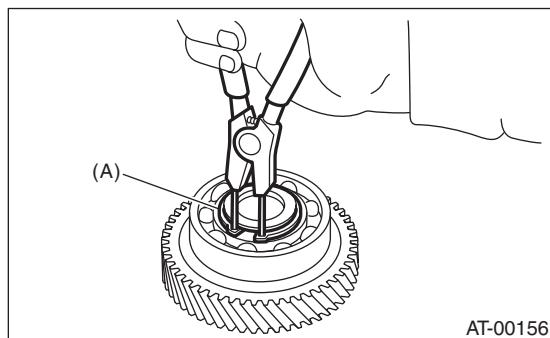
100 N·m (10.2 kgf·m, 73.8 ft-lb)



- 5) After tightening, stake the lock nut securely.
- 6) Insert the rear drive shaft assembly. <Ref. to 4AT-81, INSTALLATION, Rear Drive Shaft.>
- 7) Join the transmission case and the extension case, and then install the rear vehicle speed sensor. <Ref. to 4AT-70, INSTALLATION, Extension Case.>
- 8) Install the transmission assembly to the vehicle. <Ref. to 4AT-40, INSTALLATION, Automatic Transmission Assembly.>

C: DISASSEMBLY

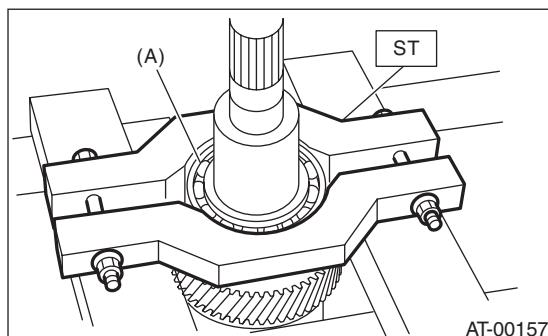
- 1) Remove the snap ring from reduction driven gear.



(A) Snap ring

- 2) Remove the ball bearing from reduction driven gear using ST.

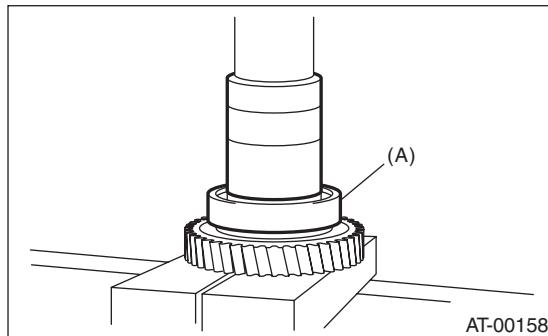
ST 498077600 REMOVER



(A) Ball bearing

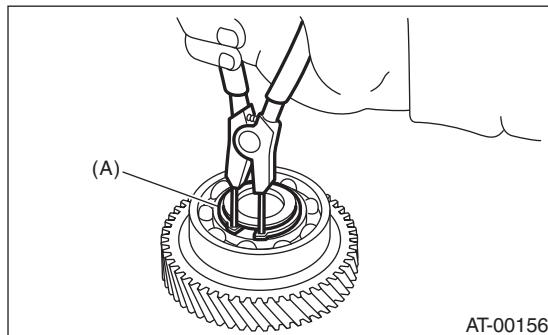
D: ASSEMBLY

- 1) Install the new ball bearing to reduction driven gear using press.



(A) Ball bearing

- 2) Install the snap ring to reduction driven gear.



(A) Snap ring

E: INSPECTION

Make sure the ball bearing and gear is not deformed or damaged.