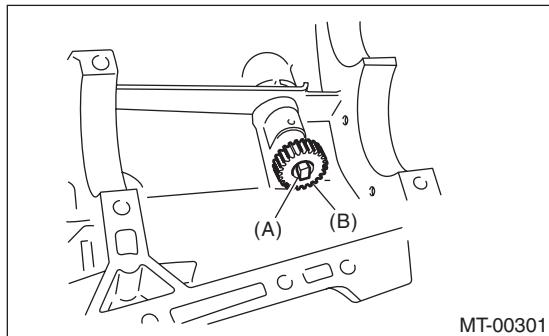


### 19. Speedometer Gear

#### A: REMOVAL

- 1) Remove the manual transmission assembly from the vehicle. <Ref. to 5MT-26, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the back-up light switch and the neutral position switch. <Ref. to 5MT-36, REMOVAL, Switches and Harness.>
- 3) Remove the transfer case together with the extension case assembly. <Ref. to 5MT-40, REMOVAL, Transfer Case and Extension Case Assembly.>
- 4) Remove the transmission case. <Ref. to 5MT-53, REMOVAL, Transmission Case.>
- 5) Remove the vehicle speed sensor. <Ref. to 5MT-38, REMOVAL, Vehicle Speed Sensor.>
- 6) Remove the snap ring (outer) and pull out the speedometer driven gear. Next, remove the oil seal, speedometer shaft and washer.



(A) Snap ring (Outer)  
(B) Speedometer driven gear

#### B: INSTALLATION

- 1) Install the washer and speedometer shaft, and press-fit the oil seal with ST.

##### NOTE:

If it is removed, use a new oil seal.

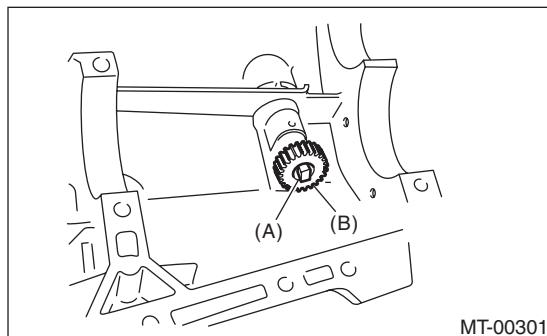
ST 899824100 or 499827000 PRESS

- 2) Install the vehicle speed sensor. <Ref. to 5MT-38, INSTALLATION, Vehicle Speed Sensor.>

- 3) Install the speedometer driven gear and snap ring (outer).

##### NOTE:

If it is removed, use a new snap ring.



(A) Snap ring (Outer)  
(B) Speedometer driven gear

- 4) Install the transmission case. <Ref. to 5MT-54, INSTALLATION, Transmission Case.>
- 5) Install the transfer case together with the extension case assembly. <Ref. to 5MT-40, INSTALLATION, Transfer Case and Extension Case Assembly.>
- 6) Install the back-up light switch and neutral position switch. <Ref. to 5MT-37, INSTALLATION, Switches and Harness.>
- 7) Install the manual transmission assembly to the vehicle. <Ref. to 5MT-29, INSTALLATION, Manual Transmission Assembly.>

#### C: INSPECTION

Check the speedometer driven gear, oil seal and speedometer shaft for damage. Replace if it is damaged.