

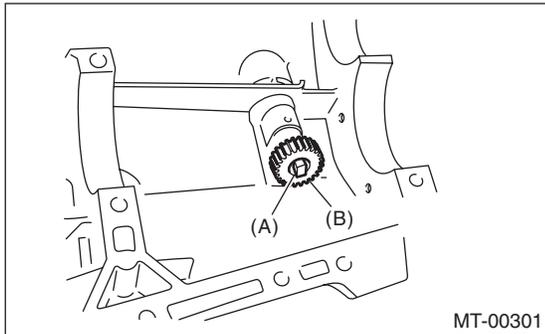
# SPEEDOMETER GEAR

## MANUAL TRANSMISSION AND DIFFERENTIAL

### 19.Speedometer Gear

#### A: REMOVAL

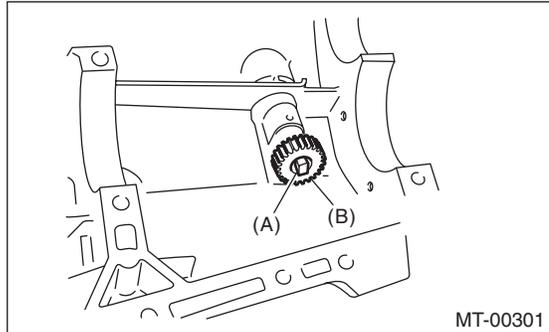
- 1) Remove the manual transmission assembly from vehicle. <Ref. to 5MT-28, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the back-up light switch and neutral position switch. <Ref. to 5MT-38, REMOVAL, Switches and Harness.>
- 3) Remove the transfer case with extension case assembly. <Ref. to 5MT-42, REMOVAL, Transfer Case and Extension Case Assembly.>
- 4) Remove the transmission case. <Ref. to 5MT-54, REMOVAL, Transmission Case.>
- 5) Remove the vehicle speed sensor. <Ref. to 5MT-40, REMOVAL, Vehicle Speed Sensor.>
- 6) Remove the outer snap ring and pull out speedometer driven gear. Next, remove the oil seal, speedometer shaft and washer.



- (A) Outer snap ring
- (B) Speedometer driven gear

#### B: INSTALLATION

- 1) Install the washer and speedometer shaft, and press fit the new oil seal with ST. ST 899824100 or 499827000PRESS
- 2) Install the vehicle speed sensor. <Ref. to 5MT-40, INSTALLATION, Vehicle Speed Sensor.>
- 3) Install the speedometer driven gear and new snap ring.



- (A) Outer snap ring
- (B) Speedometer driven gear

- 4) Install the transmission case. <Ref. to 5MT-54, INSTALLATION, Transmission Case.>
- 5) Install the transfer case with extension case assembly. <Ref. to 5MT-42, INSTALLATION, Transfer Case and Extension Case Assembly.>
- 6) Install the back-up light switch and neutral position switch. <Ref. to 5MT-38, INSTALLATION, Switches and Harness.>
- 7) Install the manual transmission assembly to vehicle. <Ref. to 5MT-31, INSTALLATION, Manual Transmission Assembly.>

#### C: INSPECTION

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