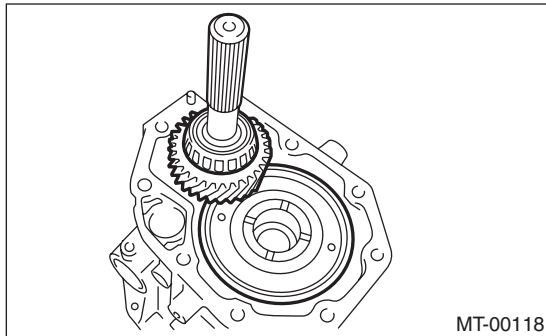


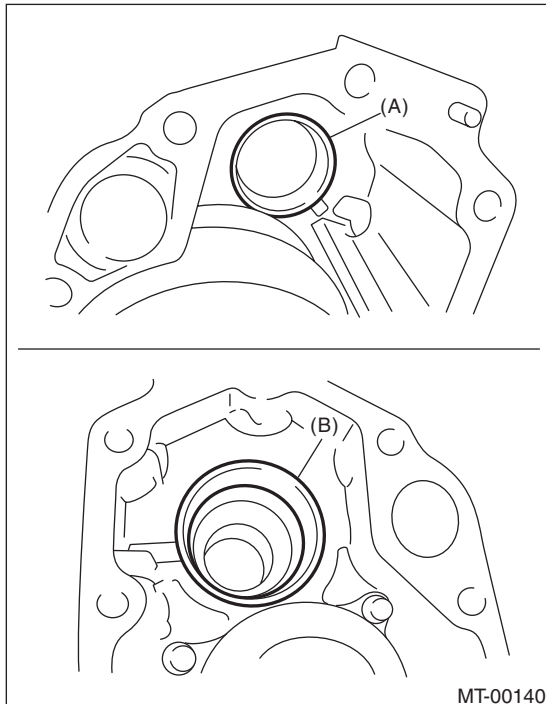
### 12. Transfer Driven Gear

#### A: REMOVAL

- 1) Remove the manual transmission assembly from the vehicle. <Ref. to 5MT-22, REMOVAL, Manual Transmission Assembly.>
- 2) Remove the back-up light switch and the neutral position switch. <Ref. to 5MT-35, REMOVAL, Switches and Harness.>
- 3) Remove the transfer case together with the extension case assembly. <Ref. to 5MT-39, REMOVAL, Transfer Case and Extension Case Assembly.>
- 4) Remove the extension case assembly.
- 5) Remove the transfer driven gear.



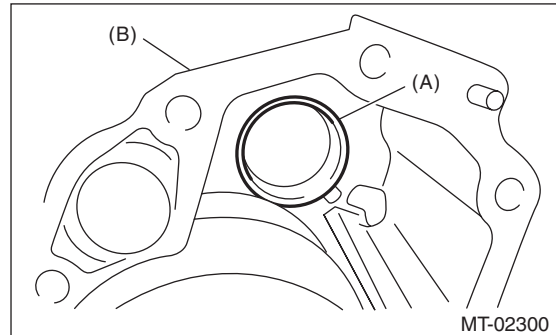
- 6) Remove the taper roller bearing outer race.



- (A) Taper roller bearing (transfer case side) outer race
- (B) Taper roller bearing (extension case side) outer race

#### B: INSTALLATION

- 1) Install the taper roller bearing (transfer case side) outer race.



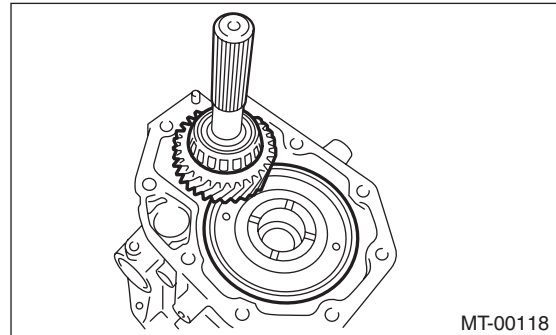
- (A) Taper roller bearing (transfer case side) outer race
- (B) Transfer case

- 2) Apply a coat of grease to the taper roller bearing (transfer case side) of transfer driven gear and the roller rolling surface of the taper roller bearing (extension case side).

#### Grease:

**NICHIMOLY N-130 or equivalent**

- 3) Install the transfer driven gear.



- 4) Select the adjusting washer. <Ref. to 5MT-39, INSTALLATION, Transfer Case and Extension Case Assembly.>
- 5) Install the transfer case and the extension case assembly. <Ref. to 5MT-39, INSTALLATION, Transfer Case and Extension Case Assembly.>
- 6) Install the back-up light switch and the neutral position switch. <Ref. to 5MT-35, INSTALLATION, Switches and Harness.>
- 7) Install the manual transmission assembly to the vehicle. <Ref. to 5MT-25, INSTALLATION, Manual Transmission Assembly.>

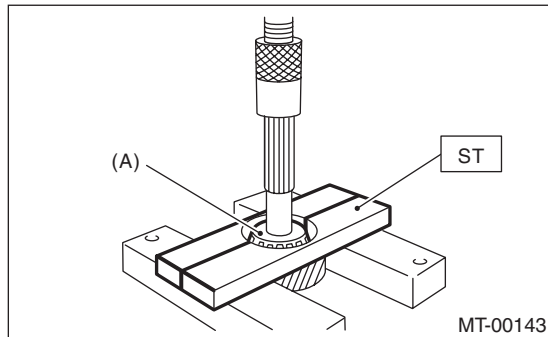
# Transfer Driven Gear

## MANUAL TRANSMISSION AND DIFFERENTIAL

### C: DISASSEMBLY

1) Using the ST, remove the taper roller bearing (extension case side).

ST 498077000 REMOVER

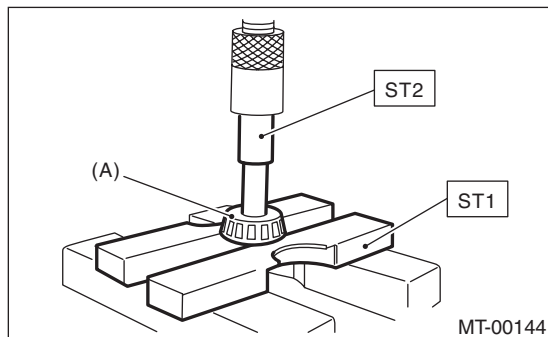


(A) Taper roller bearing (extension case side)

2) Using ST1 and ST2, remove the taper roller bearing (transfer case side).

ST1 498077000 REMOVER

ST2 899864100 REMOVER



(A) Taper roller bearing (transfer case side)

### D: ASSEMBLY

#### NOTE:

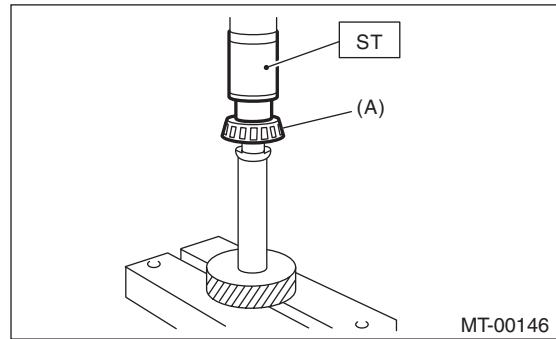
Be careful when handling because the taper roller bearing outer race and inner race are used as a set.

1) Using the ST, install the taper roller bearing (transfer case side).

#### CAUTION:

**Do not apply a load in excess of 10 kN (1 ton, 1.1 US ton, 1.0 Imp ton).**

ST 927640000 INSTALLER



(A) Taper roller bearing (transfer case side)

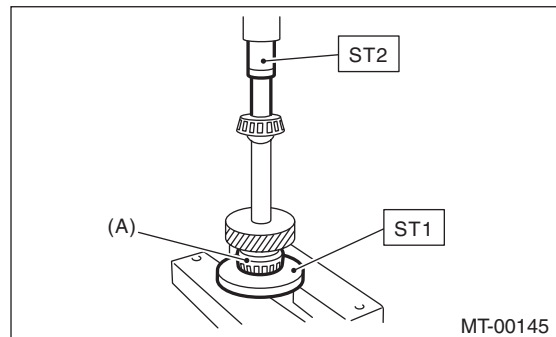
2) Using the ST, install the taper roller bearing (extension case side).

#### CAUTION:

**Do not apply a load in excess of 10 kN (1 ton, 1.1 US ton, 1.0 Imp ton).**

ST1 498175500 INSTALLER

ST2 899864100 REMOVER



(A) Taper roller bearing (extension case side)

### E: INSPECTION

1) Taper roller bearing

Replace the bearings in the following cases.

- In case of broken or rusty bearings
- In case of worn or damaged bearings
- When the bearings fail to turn smoothly or emit noise in rotation after transmission gear oil lubrication.

2) Transfer driven gear

If the tooth face of driven gear and the shaft are excessively broken or damaged, replace the driven gear.