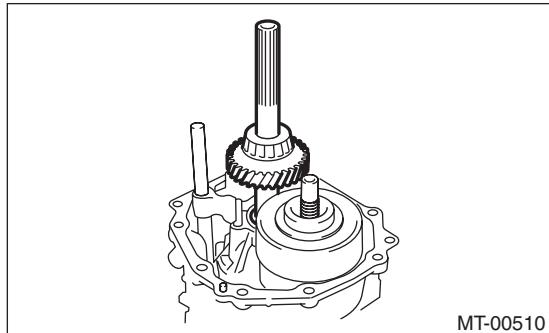


## 15. Transfer Driven Gear

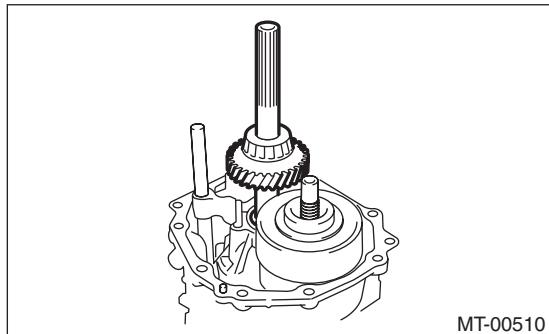
### A: REMOVAL

- 1) Remove the manual transmission assembly from the vehicle. <Ref. to 6MT-33, REMOVAL, Manual Transmission Assembly.>
- 2) Prepare the transmission for overhaul. <Ref. to 6MT-38, Preparation for Overhaul.>
- 3) Remove the extension case. <Ref. to 6MT-45, REMOVAL, Extension Case.>
- 4) Remove the transfer driven gear.



### B: INSTALLATION

- 1) Install the transfer driven gear.

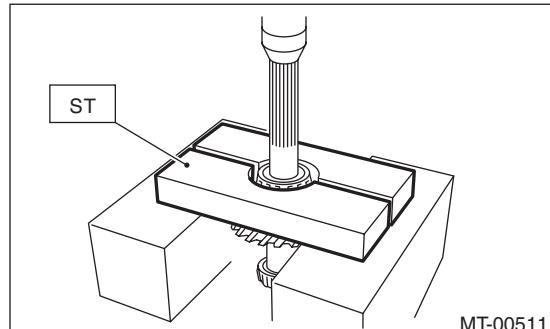


- 2) When the bearing or the transfer driven gear is replaced, select an appropriate thrust washer for the transfer driven gear. <Ref. to 6MT-47, ADJUSTMENT, Extension Case.>
- 3) Install the extension case. <Ref. to 6MT-45, INSTALLATION, Extension Case.>
- 4) Install the manual transmission assembly to the vehicle. <Ref. to 6MT-35, INSTALLATION, Manual Transmission Assembly.>

### C: DISASSEMBLY

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

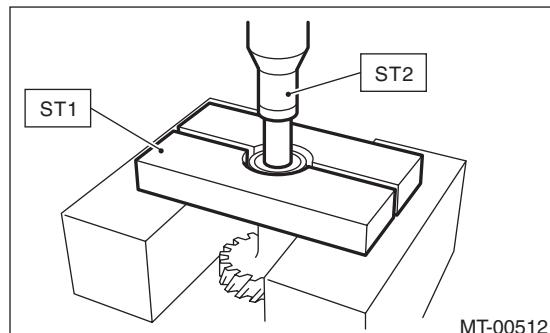
ST 498515700 REMOVER



- 2) Using ST1 and ST2, remove the roller bearing (transmission case side).

ST1 899858600 REMOVER

ST2 899864100 REMOVER



### D: ASSEMBLY

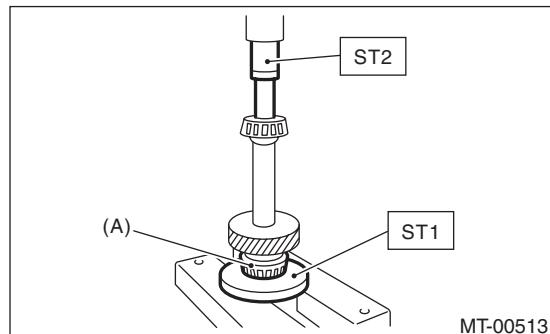
- 1) Using the ST, install the roller bearing (extension case side).

ST1 398177700 INSTALLER

ST2 899864100 REMOVER

#### CAUTION:

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



(A) Roller bearing

# Transfer Driven Gear

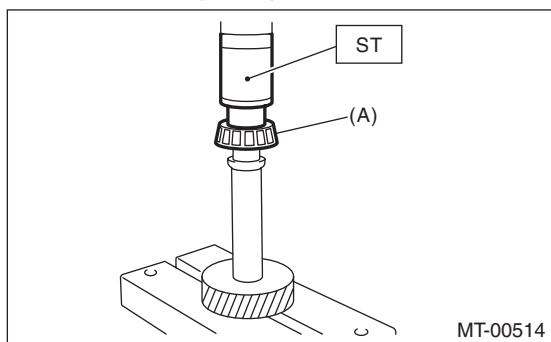
## MANUAL TRANSMISSION AND DIFFERENTIAL

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

ST 499757002 INSTALLER

### CAUTION:

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



(A) Roller bearing

## E: INSPECTION

### 1) Bearing

Replace the bearings in the following cases.

- If there is damage or rusting of the bearing.
- In case of wear or damage.
- After applying gear oil, if the bearing does not rotate smoothly or an abnormal noise is emitted.

### 2) Driven gear

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