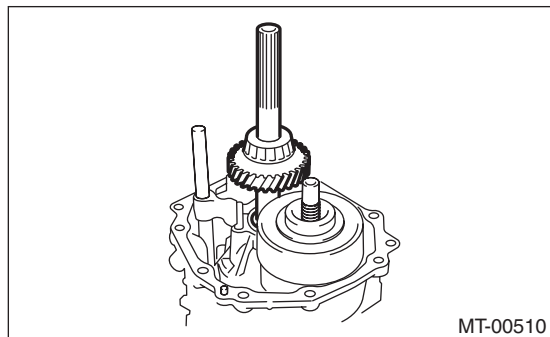


15. Transfer Driven Gear

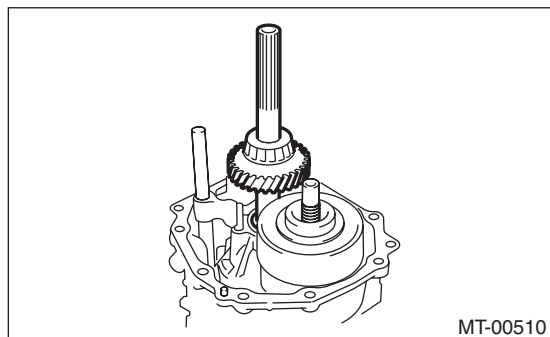
A: REMOVAL

- 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.

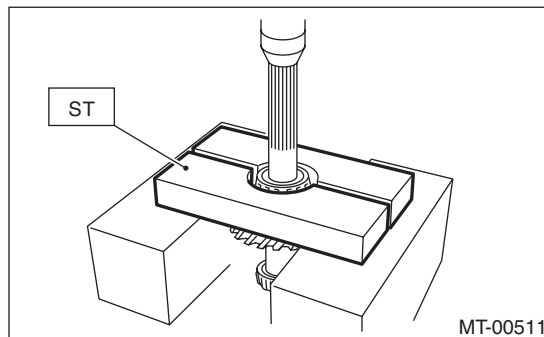


- 2) When the bearing or the transfer driven gear is replaced, select an appropriate thrust washer for the transfer driven gear. <Ref. to 6MT-47, ADJUSTMENT, Extension Case.>
- 3) Install the extension case. <Ref. to 6MT-45, INSTALLATION, Extension Case.>
- 4) Install the manual transmission assembly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

C: DISASSEMBLY

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

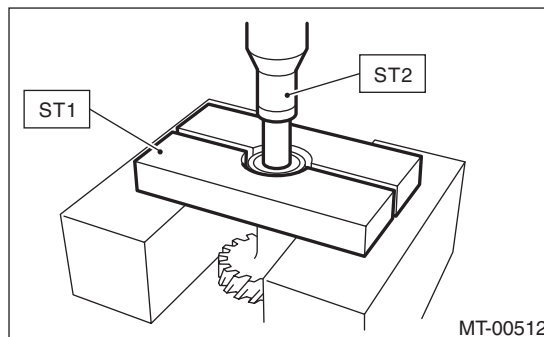
ST 498515700 REMOVER



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

ST1 899858600 REMOVER

ST2 899864100 REMOVER



D: ASSEMBLY

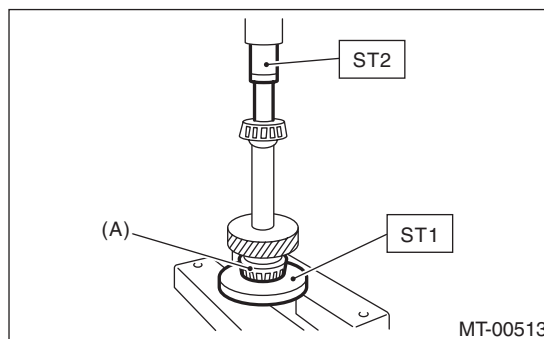
- 1) Using the ST, install the roller bearing (extension case side).

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

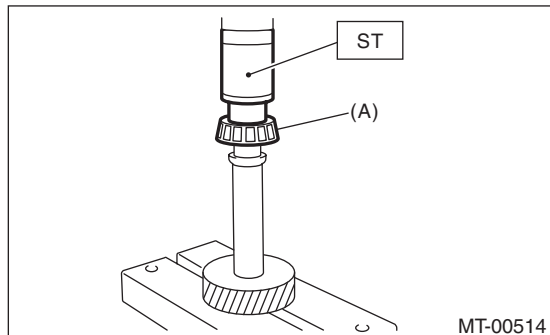
MANUAL TRANSMISSION AND DIFFERENTIAL

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.