

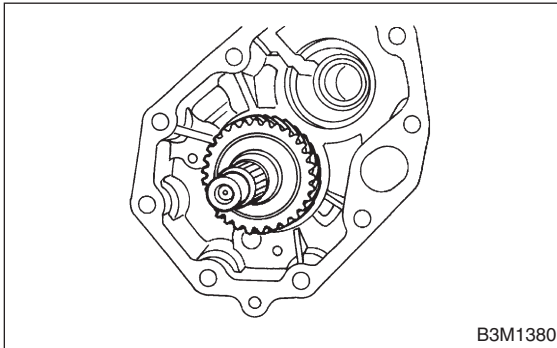
**8. Transfer Drive Gear**

S503229

**A: REMOVAL**

S503229A18

- 1) Remove the manual transmission assembly from vehicle. <Ref. to MT-27 REMOVAL, Manual Transmission Assembly.>
- 2) Remove back-up light switch and neutral position switch.
- 3) Remove transfer case and extension case assembly. <Ref. to MT-40 REMOVAL, Transfer Case and Extension Case Assembly.>
- 4) Remove extension case assembly. <Ref. to MT-40 REMOVAL, Transfer Case and Extension Case Assembly.>
- 5) Remove transfer drive gear.

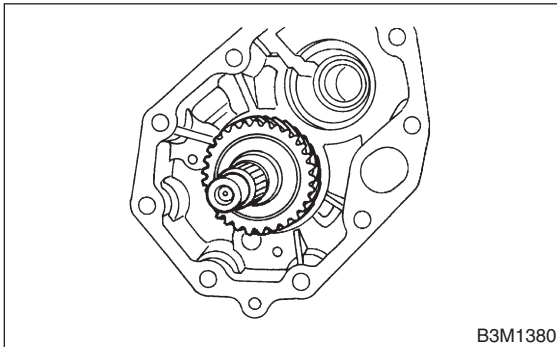


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**B: INSTALLATION**

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- 1) Install transfer drive gear.



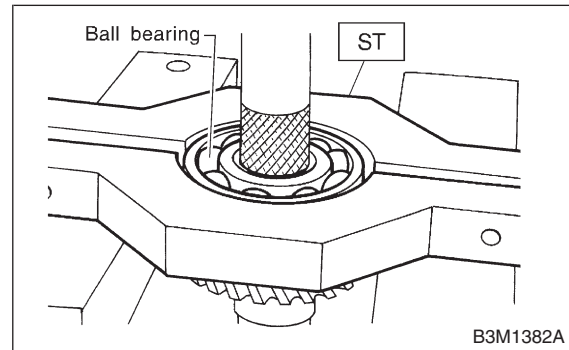
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- 2) Install transfer case and extension case assembly. <Ref. to MT-40 INSTALLATION, Transfer Case and Extension Case Assembly.>
- 3) Install back-up light switch and neutral position switch.
- 4) Install the manual transmission assembly to vehicle. <Ref. to MT-31 INSTALLATION, Manual Transmission Assembly.>

**C: DISASSEMBLY**

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Using ST, remove ball bearing.  
ST 498077100 REMOVER



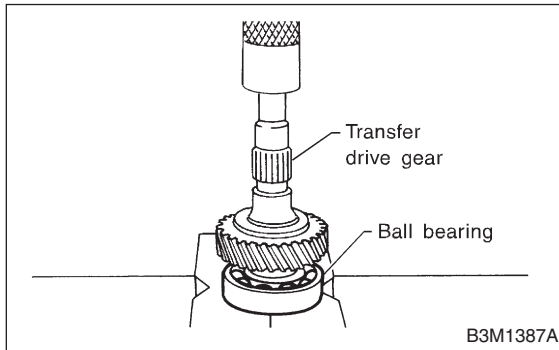
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## D: ASSEMBLY S503229A02

Install ball bearing.

### CAUTION:

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



## E: INSPECTION S503229A10

### 1) Bearings

Replace bearings in the following cases:

- Broken or rusty bearings
- Worn or damaged
- Bearings that fail to turn smoothly or make abnormal noise when turned after gear oil lubrication.

### 2) Drive gear

Replace drive gear in the following cases:

- If their tooth surfaces and shaft are broken, damage, or excessively.