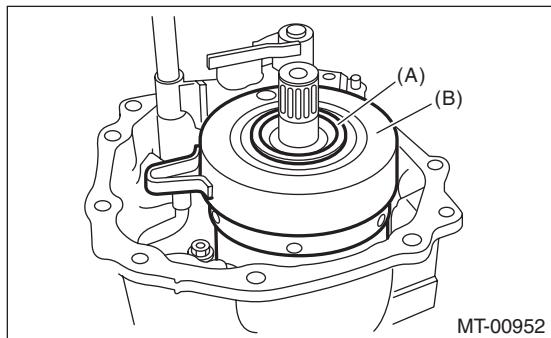


17.Center Differential

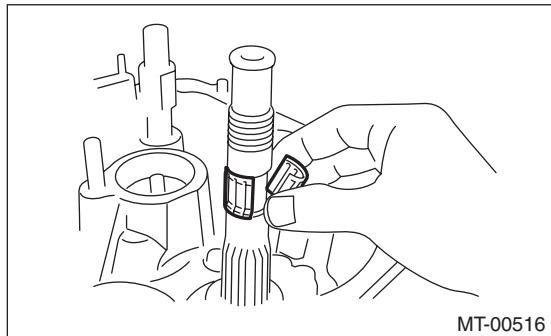
A: REMOVAL

- 1) Remove the manual transmission case from the vehicle. <Ref. to 6MT(TY85)-31, REMOVAL, Manual Transmission Assembly.>
- 2) Prepare the transmission for overhaul. <Ref. to 6MT(TY85)-38, Preparation for Overhaul.>
- 3) Remove the extension case. <Ref. to 6MT(TY85)-42, REMOVAL, Extension Case.>
- 4) Remove the transfer driven gear. <Ref. to 6MT(TY85)-54, REMOVAL, Transfer Driven Gear.>
- 5) Disconnect the center differential connector.
- 6) Remove the adjusting washer and center differential.



(A) Adjusting washer
(B) Center differential

- 7) Remove the needle bearing.



B: INSTALLATION

- 1) Install the needle bearing.

CAUTION:

Apply transmission gear oil onto sliding or revolving surfaces before installation.

- 2) Install the adjusting washer and center differential.

- 3) When replacing the center differential, select and install the appropriate transfer drive gear and adjusting washer. <Ref. to 6MT(TY85)-44, ADJUSTMENT, Extension Case.>

- 4) Connect the center differential connector, and affix to the oil guide.

- 5) Install the transfer driven gear. <Ref. to 6MT(TY85)-54, INSTALLATION, Transfer Driven Gear.>

- 6) Install the extension case. <Ref. to 6MT(TY85)-42, INSTALLATION, Extension Case.>

- 7) Install the manual transmission case assembly to the vehicle. <Ref. to 6MT(TY85)-33, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

Check that there is no damage on the center differential. Replace if damaged.