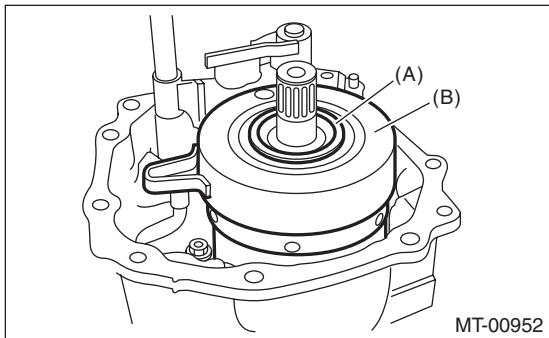


15. Center Differential

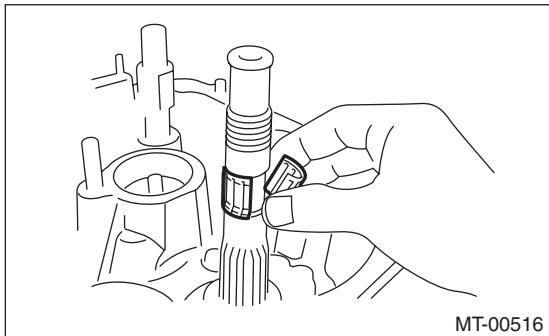
A: REMOVAL

- 1) Remove the manual transmission case from the vehicle. <Ref. to 6MT-31, REMOVAL, Manual Transmission Assembly.>
- 2) Prepare the transmission for overhaul. <Ref. to 6MT-37, Preparation for Overhaul.>
- 3) Remove the extension case. <Ref. to 6MT-43, REMOVAL, Extension Case.>
- 4) Remove the transfer driven gear. <Ref. to 6MT-55, REMOVAL, Transfer Driven Gear.>
- 5) Disconnect the center differential connector.
- 6) Remove the adjusting washer and center differential.



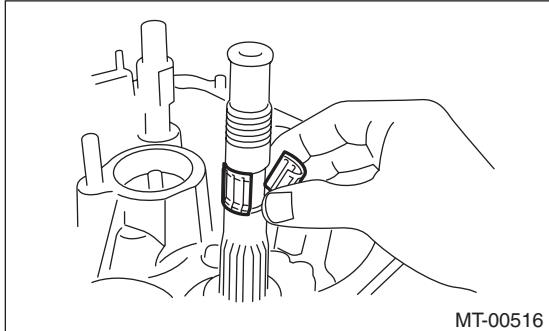
(A) Adjusting washer
(B) Center differential

- 7) Remove the needle bearing.

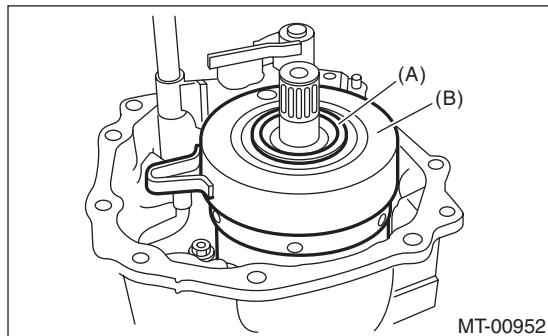


B: INSTALLATION

- 1) Install the needle bearing.



- 2) Install the adjusting washer and center differential.



(A) Adjusting washer
(B) Center differential

- 3) When replacing the center differential, select and install the appropriate transfer drive gear and adjusting washer. <Ref. to 6MT-45, ADJUSTMENT, Extension Case.>
- 4) Connect the center differential connector, and affix to the oil guide.
- 5) Install the transfer driven gear. <Ref. to 6MT-55, INSTALLATION, Transfer Driven Gear.>
- 6) Install the extension case. <Ref. to 6MT-43, INSTALLATION, Extension Case.>
- 7) Install the manual transmission case assembly to the vehicle. <Ref. to 6MT-33, INSTALLATION, Manual Transmission Assembly.>

C: INSPECTION

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