

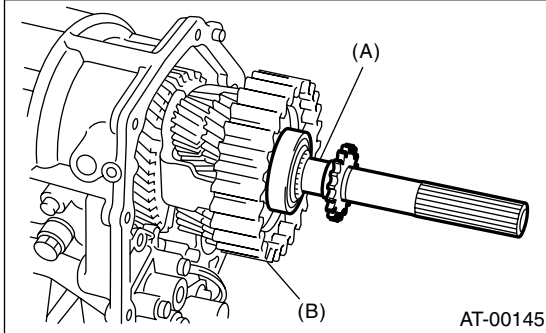
# REAR DRIVE SHAFT

## AUTOMATIC TRANSMISSION

### 29. Rear Drive Shaft

#### A: REMOVAL

- 1) Remove transmission assembly. <Ref. to 4AT-36, REMOVAL, Automatic Transmission Assembly.>
- 2) Remove rear wheel speed sensor and separate extension case from transmission case. <Ref. to 4AT-75, REMOVAL, Extension Case.>
- 3) Pull out the rear driveshaft from the center differential assembly.



- (A) Rear driveshaft
- (B) Center differential carrier

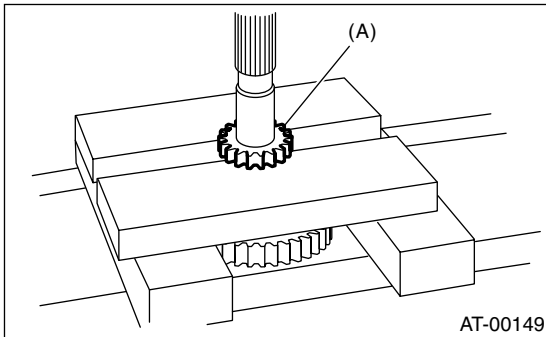
- 4) Remove drive plate and driven plate.

#### B: INSTALLATION

- 1) Select the appropriate shim. <Ref. to 4AT-83, VTD MODEL, ADJUSTMENT, Transfer Clutch.>
- 2) Install drive plate and driven plate.
- 3) Insert rear driveshaft into the center differential assembly.
- 4) Join transmission case and extension case. Install rear wheel speed sensor. <Ref. to 4AT-75, INSTALLATION, Extension Case.>
- 5) Install transmission assembly. <Ref. to 4AT-38, INSTALLATION, Automatic Transmission Assembly.>

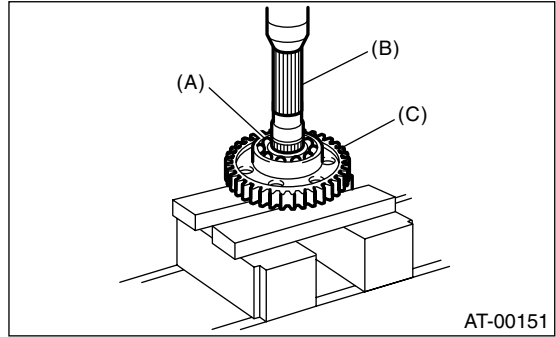
#### C: DISASSEMBLY

- 1) Using a press, remove revolution gear.



- (A) Revolution gear

- 2) Using a press, remove the front and rear side ball bearings and clutch hub.



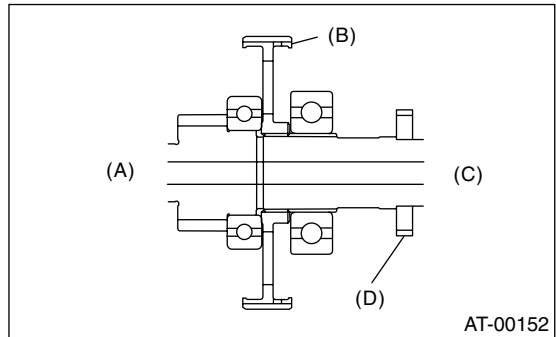
- (A) Rear ball bearing
- (B) Rear driveshaft
- (C) Clutch hub

#### D: ASSEMBLY

Assemble in the reverse order of disassembly.

#### NOTE:

- Use a new revolution gear and ball bearings.
- Make sure the clutch hub is oriented in the correct direction.



- (A) Front side
- (B) Clutch hub
- (C) Rear side
- (D) Revolution gear

#### E: INSPECTION

- Inspect parts to make sure there are no holes, cuts, and that they are not dusty.
- Inspect extension end play and adjust it to within the standard value. <Ref. to 4AT-83, VTD MODEL, ADJUSTMENT, Transfer Clutch.>