

Remove bolts from tailhousing and separate from intermediate differential housing. Remove shims, speedometer drive gear, and oil pump gear\* from the output shaft. (Note how these parts are installed). Remove output shaft by sliding it out the front of the differential housing.

\*If you have a very early model 203, you may have a press-on type oil pump gear. Replace it with late model plastic gear, part no. 11801.

### Re-assemble:

Inspect large gasket on chain case for damage. (Fig. 3). Replace if necessary.

Inspect small O-ring on the splined input shaft. (Fig. 3). And replace if damaged. (New one supplied).

Slide 2 by 4 output shaft over O-ring and onto the splined input shaft. (Fig. 4).

Place differential housing carefully over the 2 by 4 output shaft, (Do not damage inner rubber seal) and install oil and speedometer gears. (Fig. 5). Install bolts and tighten.

Install original shims on new 2 by 4 out shaft and install tailhousing without O-ring. (May have to remove speedometer driven gear holder (Fig. 6) to allow housing to pull up). Install 2 bolts diagonally, and snug. Screw large nut and washer loosely on the end of the output and move forward and back, to check for end clearance. It is important to have *some* end clearance. If it appears to have *no* clearance, remove a few of the shims and re-check. When you have determined clearance exists, install rubber O-ring, bolts, and the speedometer driven assembly, then tighten.

Install U-joint flange, rubber gasket, large washer and nut, and tighten to 90-150 lbs. For those with no torque wrench, that means *tight!* Re-install driveshaft and speedometer cable.

The 2 by 4 installation should now be complete. All that remains is to install the Warn locking hubs using the instructions furnished.

As soon as the complete installation is finished, drive to a local service station and have the lubricating fluid brought to the recommended level.

To insure adequate lubrication to all non-moving parts, it is recommended the shifting lock lever be engaged for a few miles, once a week!

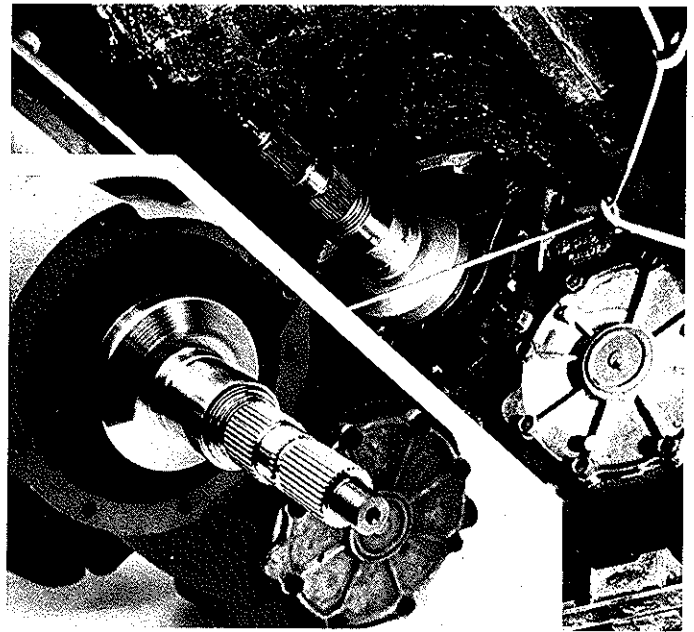


FIG. 4

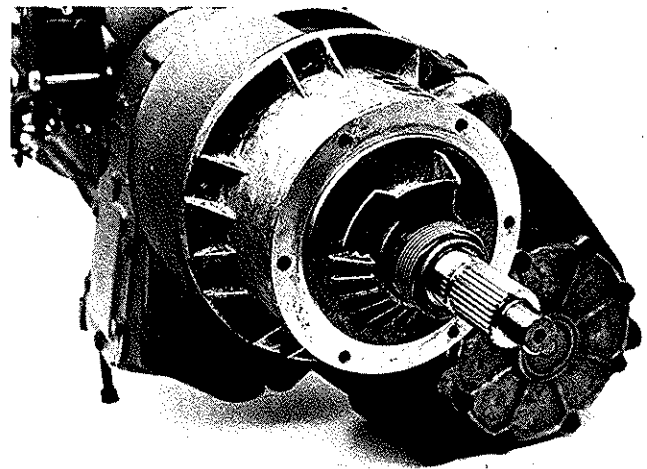


FIG. 5

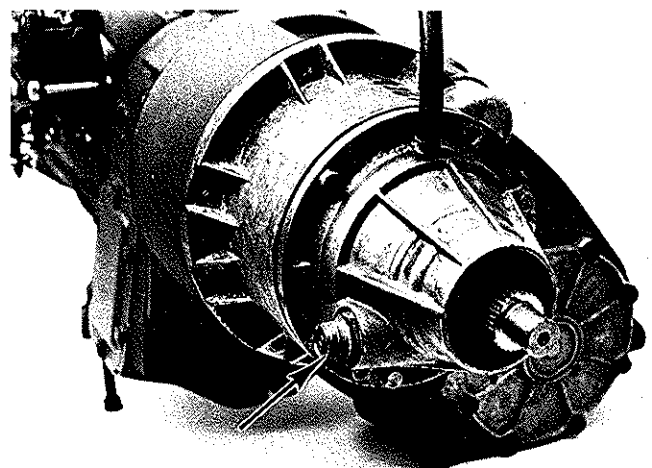


FIG. 6