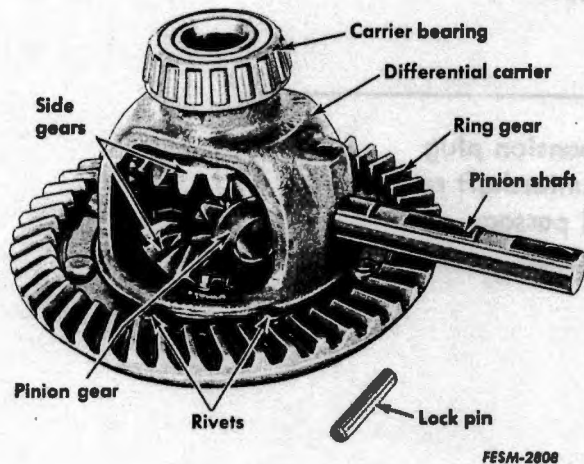


## REASSEMBLY AND INSTALLATION

1. Install new rear bearings (1 and 5) in the transmission case if they were removed. Be sure the spline and clutch shaft rear bearing (1) is installed with its oil hole aligned with the oil passage (6) in the transmission case. (Refer to illustration on page 6-7.)



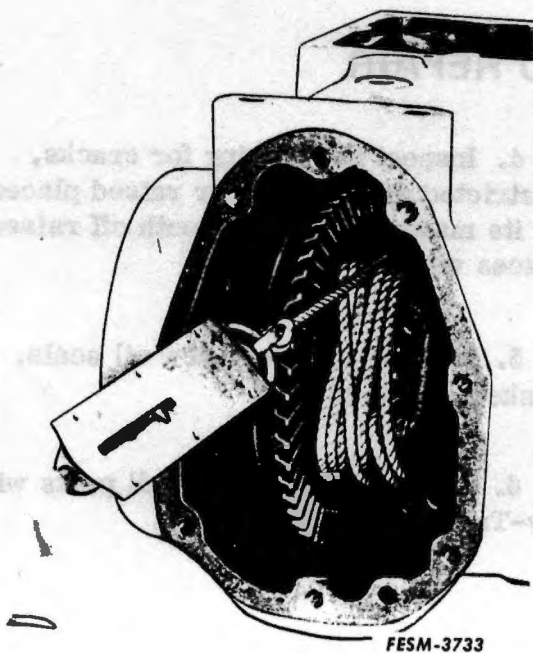
2. Assemble the side gears and the pinion gears in the differential carrier.

3. Install the pinion shaft and drive the pinion shaft lock pin into place.

4. Install the differential assembly in the transmission case.

5. Press the R.H. bearing on the differential carrier if it was removed during disassembly.

6. Install the bearing retainers and shims. Install the cap screws and tighten to 45 ft. lbs. torque.



7. Check bearing preload before installing the transmission countershaft. Preload is correct when a steady pull of one to eight pounds is necessary to rotate the differential assembly.

8. Add or remove an equal amount of shims on both bearing retainers to adjust for specified preload.

9. Remove the differential assembly in order to install the countershaft. Be sure to keep the shims with each retainer and identified for each side.