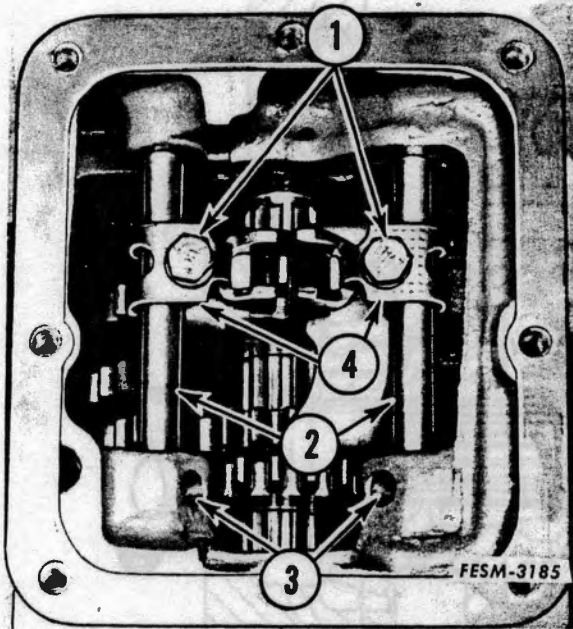


Transmission

1. Remove the differential assembly as previously described on page 6-5.

2. Remove the gear shift assembly from the transmission case.

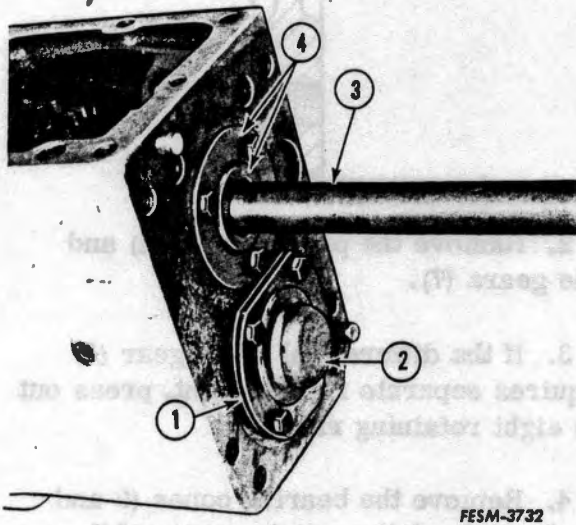


3. Remove the gear shift forks (4) and rods (2) by removing the shifter fork set screws (1) and driving the rods forward out of the case.

CAUTION: Cover the shifter poppet ball holes (3) to prevent the balls and springs from flying out as the rods are removed.

- | |
|---|
| <ol style="list-style-type: none"> 1. Shifter fork set screws 2. Shifter rods 3. Poppet ball holes 4. Shifter forks |
|---|

*Spring 350 876 R1
poppet ball 16 012 R1 3/8 diameter*



4. Remove the countershaft bearing retainer cap (2), and remove the cotter pin from the nut.

5. Shift the transmission into two gear speeds to lock the transmission, then remove the countershaft nut.

6. Remove the spline and clutch shaft bearing retainer and oil seal (4). Remove the shaft (3) and gears from the case. Remove the bearing retaining ring and remove the bearing from the shaft.

7. Remove the countershaft bearing retainer and shims (1). Save the shims for use in reassembly.

8. Move the countershaft rearward and out of the case as the gears and spacers are removed. Note the sequence of spacers and gears for reassembly.

- | |
|---|
| <ol style="list-style-type: none"> 1. Countershaft bearing retainer and shims 2. Bearing retainer cap 3. Spline and clutch shaft 4. Bearing retainer and oil seal |
|---|