

FESM-3721

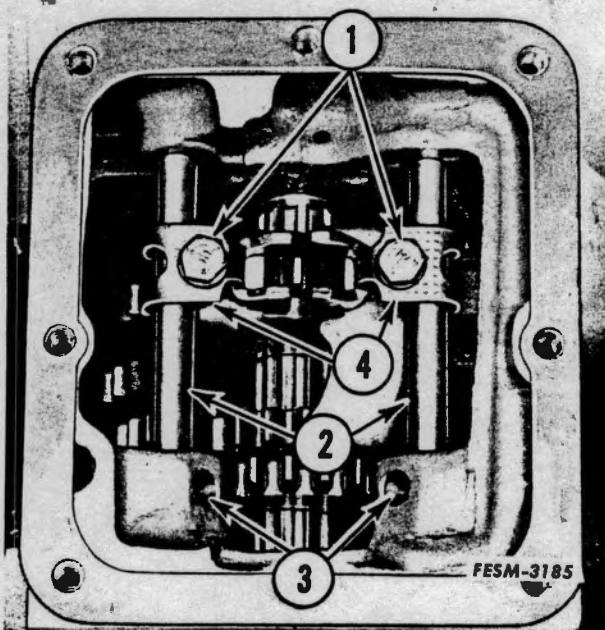
1. Spline and clutch shaft
2. First and reverse speed sliding gear
3. Second and third speed sliding gear
4. Bearing
5. Retaining ring
6. Oil seal and bearing retainer assembly

18. Install the bearing (4) on the spline and clutch shaft (1) and secure with the retaining ring (5). Install the shaft, bearing and gears (2 and 3) in the transmission case.

19. Install a new shaft oil seal and retainer (6) and gasket. Tighten the cap screws to 20 ft. lbs. torque.

20. Shift the transmission into two gear speeds to lock the transmission. Tighten the countershaft nut to 80 ft. lbs. torque.

21. Install the cotter pin in the nut, and using a new gasket install the bearing retainer cap. Tighten the cap screws to 35 ft. lbs. torque.



FESM-3185

1. Shifter fork set screws
2. Shifter rods
3. Poppet ball holes
4. Shifter forks

22. Install the shift poppet balls and springs in their bores (3).

23. Depress the balls and install the shifter rods (2) and forks (4). Lock the forks in place with the set screws (1) and tighten securely.

24. Install new expansion plugs in the front shifter rod bores.

25. Use a new gasket and install the gear shift assembly on the transmission case.

26. Install the differential shaft housing and the final drive assemblies.

27. Recouple the tractor. Refer to Section 4.

28. Install the fast hitch assembly (if equipped) or the drawbar.