

5. Remove transmission mount.

6. Remove axle tubes (17 RA).

7. Remove transmission housing end cover with selector rod.

8. Remove reverse idler II from reverse gear shift fork.

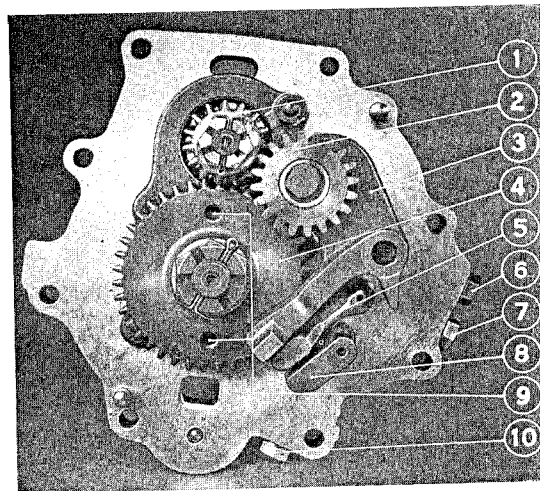


Fig. 33

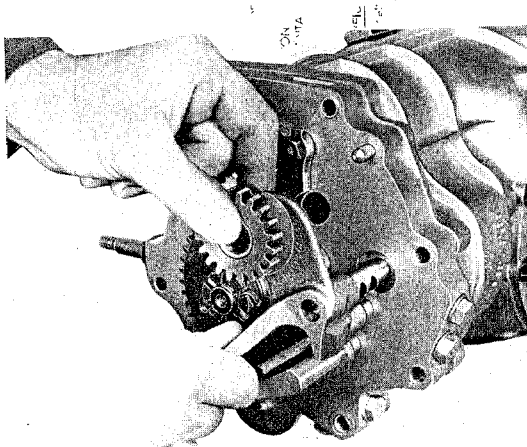


Fig. 32

9. Install main shaft holder P 37 (Fig. 47).

10. Engage 4th gear. Remove cotter key from pinion shaft castle nut. Loosen nut on pinion shaft using P 42 and P 46, and remove reverse gear III and key from main shaft.
Should the gear be excessively tight on the pinion shaft, insert bolts in the two holes in the gear and pull off evenly.

11. After removing cotter key and nut from main shaft, remove reverse gear I and key.

① Reverse gear I (on main shaft).

② Reverse gear II (held by selector fork).

③ Selector rod for reverse gear.

④ Reverse gear III (mounted on pinion shaft).

⑤ Selector rod, 1st and 2nd gear.

⑥ Plug for selector rod lock, reverse gear.

⑦ Plug for selector rod lock, 1st and 2nd gear.

⑧ Selector rod 3rd and 4th gear.

⑨ Tapped holes to extract gear.

⑩ Plug for selector rod lock, 3rd and 4th gear.

12. Remove intermediate plate with main and pinion shafts from transmission housing. For reassembly note thickness of gaskets used. The two dowel pins should remain in the intermediate plate.

13. Hold intermediate plate in vise using soft jaws.

14. Remove three plugs from selector rod locks (Fig. 45, ⑥, ⑦, and ⑩).