

OUTPUT SHAFT

Disassembly and Reassembly

5B-68-71

Disassembly

1. Separate the transmission unit, Operation 5B-61-65.
2. Remove the shift cover, Operation 5B-62-65.
3. Remove the counter shaft, Operation 5B-64-68.
4. Remove the range shift control, Operation 5B-67-70.
5. Remove the four screws from the bearing cover.
6. Remove the snap ring and thrust washer from the shaft front end.
7. Pull the output shaft out.
8. Remove the gears, bearings and sleeves.

Examination

9. Temporarily assemble the gears, bushings, bearings, thrust washers and snap rings on the shaft.
10. Measure the clearance with feeler gauge.
Standard Clearance 0.1 to 0.3 mm
(0.00394 to 0.0118")
11. Select appropriate thrust washer to obtain the standard clearance.
 - 2.2 mm (0.0866")
 - 2.5 mm (0.0984")
 - 2.8 mm (0.110")
 - 3.1 mm (0.122")
12. Disassemble and retain correct thrust washer.

Reassembly

13. Insert the bearing into the housing.
14. Place the needle bearing on the main shaft.
15. Place the bearing housing and rear thrust washer on the shaft.
16. Insert the output shaft, and install the gears and others in the housing to assemble the shaft.
17. Install the front bearing, selected thrust washer, and snap ring on the shaft.
18. Reverse procedures 1 to 5.

