

How to Disassemble the Mainshaft Assembly

Special Instructions

Lay all parts on a clean bench in order of removal to facilitate assembly.

Special Tools

- Typical service tools

Procedure -

1. Lay the Mainshaft on its side, and from the front, remove the 4th (or Overdrive) and 5th Sliding Clutch.



2. Place the Mainshaft in a vertical position, Pilot end down.
3. Remove Snap Ring (if applicable).



4. Remove Key, Washer, and Reverse Gear. Mark keyway location.

Note: When removing Washer and Reverse Gear, note their orientation. Keep the Washer with the Reverse Gear.

5. Remove the 1st/Reverse Sliding Clutch.



Transmission Overhaul Procedures - Bench Service



6. Remove the Washer and 1st Gear.
7. Remove the Washer and 2nd Gear.



8. Remove the Washer and Sliding Clutch.
9. Remove the Washer and 3rd Gear.
10. Remove the Washer.



11. Remove the 4th or Overdrive Gear.
12. Remove the Washer.