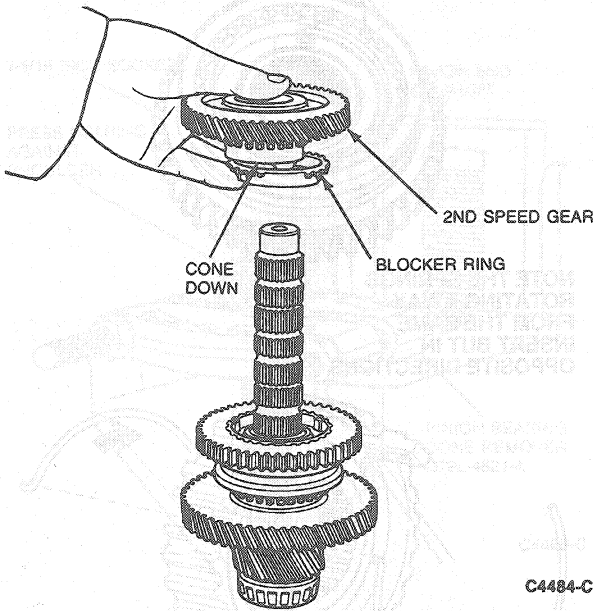


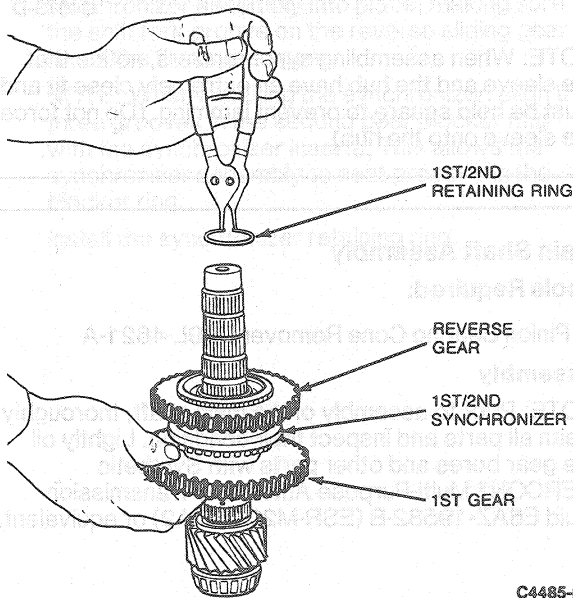
DISASSEMBLY AND ASSEMBLY (Continued)

5. Remove the second speed gear and its blocker ring.



NOTE: Tag blocker ring for proper installation.

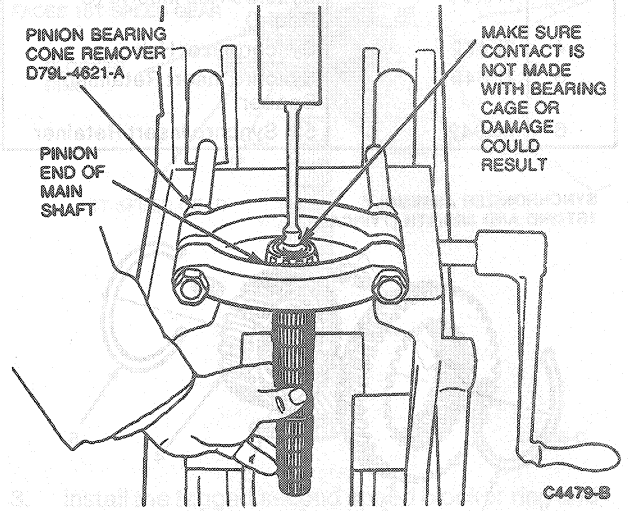
6. Remove the first / second synchronizer retaining ring. Slide the first / second synchronizer assembly, blocker ring and first speed gear off the shaft.



NOTE: This bearing does not have to be removed to disassemble the main shaft, only replace if damaged. Refer to Bearing Diagnosis.

7. Remove the tapered roller bearing from the pinion end of the main shaft using a socket or extension and Pinion Bearing Cone Remover D79L-4621-A or equivalent and an arbor press.

Label the bearing.

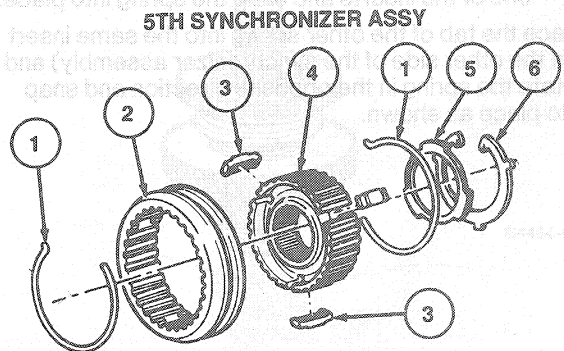


Synchronizer

Disassembly and Assembly

NOTE: Prior to disassembly note position of index marks.

To disassemble the synchronizer assembly, remove the synchronizer springs with a small screwdriver. Do not compress the springs more than necessary. Remove the three hub inserts. Slide the hub and sleeve apart.



NOTE: THE 5TH SYNCHRONIZER IS POSITIONED ON SHAFT SO THAT PLASTIC SPACER AND RETAINER IS FACING THE 5TH DRIVE GEAR

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