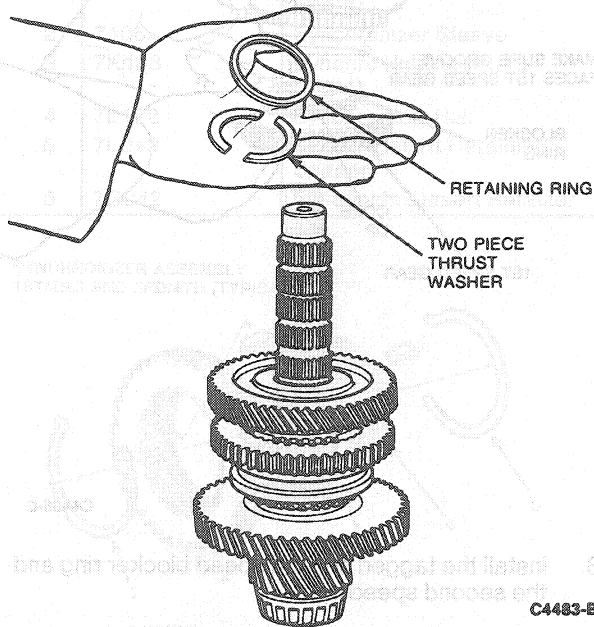


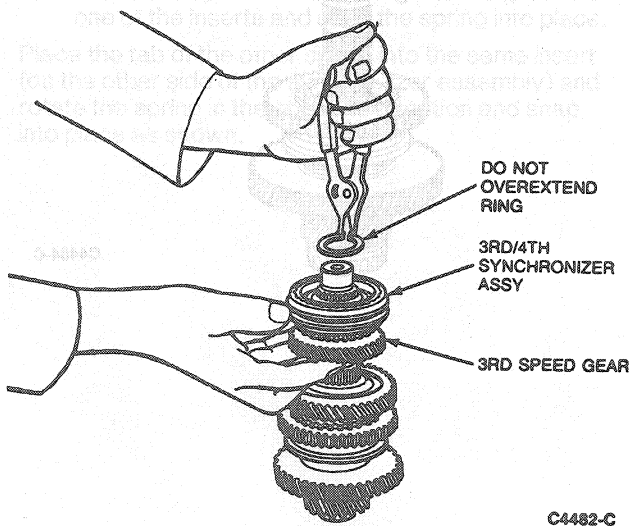
**DISASSEMBLY AND ASSEMBLY (Continued)**

4. Install the thrust washer halves into the groove on the main shaft and then the retaining ring around the thrust washer halves.

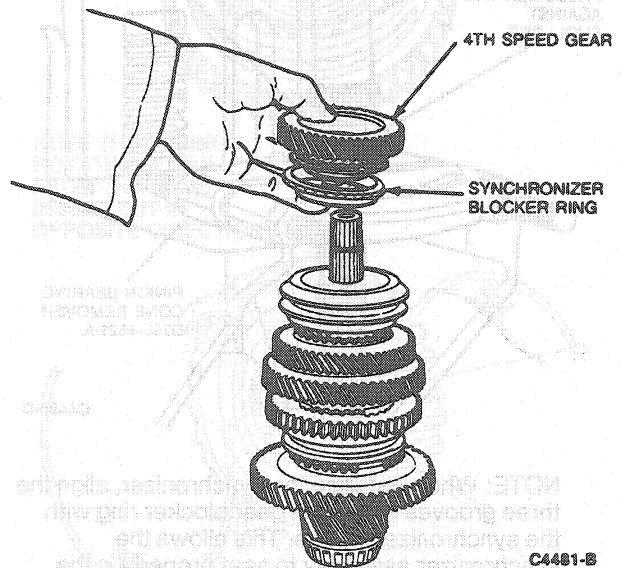


**NOTE:** When installing the synchronizer, align the three grooves in the third gear blocker ring with the synchronizer inserts. This allows the synchronizer assembly to seat properly in the blocker ring.

5. Slide the third speed gear onto the shaft followed by the tagged third gear synchronizer blocker ring and the third/fourth gear synchronizer assembly. Install the synchronizer retaining ring.



6. Install the tagged fourth gear blocker ring and the fourth speed gear.



**NOTE:** Make sure bearings are seated against the shoulder of the main shaft. Position bearings on the proper end, as labeled during disassembly. Rotate each gear on the shaft to check for binding or roughness.