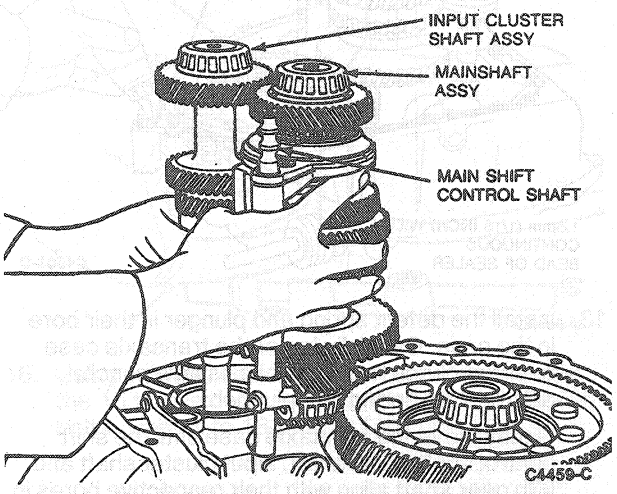
## REMOVAL AND INSTALLATION (Continued)

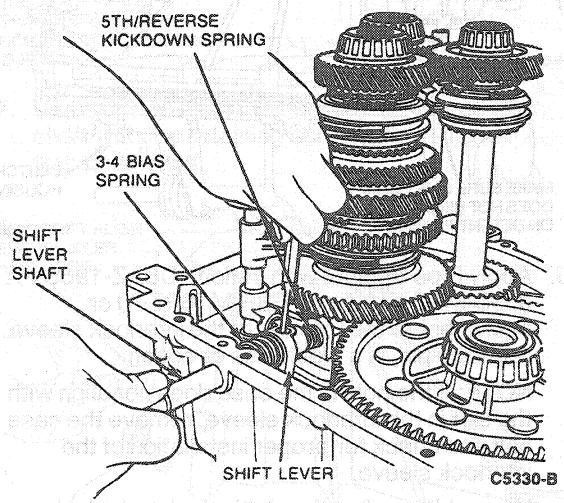
5. Bring the main shaft assembly into mesh with the input cluster shaft assembly. Holding the three shafts (input cluster shaft, main shaft and the main shift control shaft) in their respective working positions, lower them into their bores in the clutch housing case as one unit.



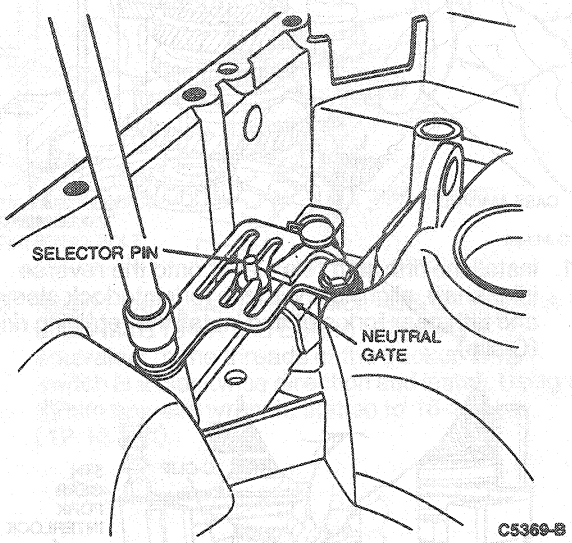

6. Position the shift lever, 3 / 4 bias spring and fifth / reverse kickdown spring in their working positions (with one shift lever ball located in the socket of the input shift gate selector plate arm assembly and the other in the socket of the main shift control shaft block).

   Install the ball in the fifth and reverse inhibitor shift lever hole.

   Slide the shift lever shaft (notch down) through the shift lever. Then using a small drift, depress the inhibitor ball and spring and tap the shift shaft through the shift lever and the fifth gear kickout spring and then tap into its bore in the clutch housing.




7. Align the shift shaft spring pin hole with the case bore and tap the spring pin in, slightly below the case mating surface.
8. Verify that the selector pin is in the neutral gate of the control selector plate and the finger of the fork selector arm is partially engaged with the first / second fork and partially engaged with the third / fourth fork.




9. Position reverse idler gear over bore in clutch housing while engaging reverse shift relay lever in the slot of the gear. Slide the reverse idler shaft through the gear and into its bore.

   Make sure lever is engaged in slot in gear.