- 12 Remove clutch body (15) and synchronizer ring (16).
- 13 Remove sliding sleeve (17).

#### NOTE

Use cloth to catch released pressure pieces (18) and compression springs (19) when pulling off sliding sleeve.

- 14 Place two-leg or three-leg puller on 2nd speed helical gear (23). Pull off helical gear together with bush (24), clutch body (22), synchronizer ring (21) and synchronizer hub (29). Use adapter.
- 15 Remove needle cage (25).
- 16 Clamp output end of mainshaft.
- 17 Attach 2- or 3-leg puller underneath sliding sleeve (26) and pull off synchronizer ring (27, clutch body (28), roller bearing (29) and helical gear (30). Use adapter.

#### NOTE

Use cloth to catch released pressure pieces (31) and compression springs (32) when pulling off sliding sleeve.

18 Remove pressure pieces and springs. Attach 2- or 3-leg puller underneath 3rd-speed helical gear (33) and pull off together with roller bearing (34), synchronizer hub (35), synchronizer ring (36) and clutch body (37). Use adapter.

#### CAUTION

Do not attach puller to mainshaft collar (see arrow).

19 Remove needle cage (38).



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**ML Yell** 

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