

## NOTE

- Apply molybdenum oil to the shifter gear grooves.
- Always install the thrust washers and snap rings with the chamfered(rolled) edge facing away from the thrust load.
- After installing a snap ring, slightly open the ring and rotate it in its groove to be sure it is fully seated.
- Do not use worn snap rings which could easily spin in the groove. They may be too loose to properly seat in the groove.
- Align the gap in the snap ring with the groove of spline.

**Requisite Service**

- Transmission removal/installation (page 10-8)

Procedure		Q'ty	Remarks
	<b>Countershaft Disassembly Order</b>		Assembly is in the reverse order of disassembly.
(1)	Needle bearing	1	
(2)	Washer	1	
(3)	C1 gear (33T)	1	
(4)	Needle bearing	1	
(5)	Washer	1	
(6)	C6 gear (23T)	1	
(7)	Snap ring	1	
(8)	Spline washer	1	
(9)	C4 gear (26T)	1	
(10)	C4 gear spline bushing	1	
(11)	Lock plate	1	At installation, align the tabs on the plate with the cut outs of the washer.
(12)	Lock washer	1	
(13)	C3 gear (28T)	1	
(14)	C3 gear spline bushing	1	
(15)	Spline washer	1	
(16)	Snap ring	1	
(17)	C5 gear (27T)	1	
(18)	Snap ring	1	
(19)	Spline washer	1	
(20)	C2 gear (31T)	1	
(21)	C2 gear bushing	1	
(22)	Countershaft	1	