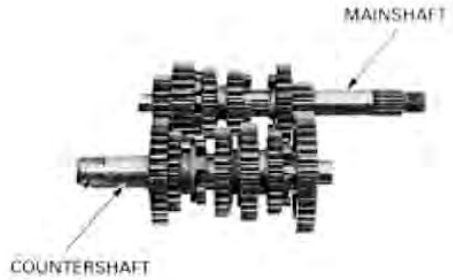


Disassemble the mainshaft and countershaft.



## INSPECTION

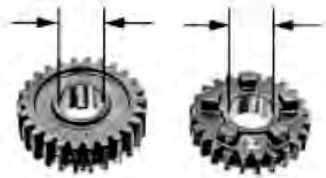
### Gears

Check the gear dogs, dog holes and teeth for damage or excessive wear.

Measure the I.D. of each gear.

#### SERVICE LIMITS:

M5, M6:	17.08 mm (6.724 in)
C1:	18.07 mm (0.711 in)
C2:	23.09 mm (0.909 in)



### Bushings

Check the bushings for wear or damage.

Measure the O.D. of each bushing.

#### SERVICE LIMITS:

C1:	17.9 mm (0.70 in)
C2:	22.9 mm (0.90 in)

Measure the I.D. of each bushing.

#### SERVICE LIMITS:

C1:	18.10 mm (0.713 in)
C2:	20.10 mm (0.791 in)



### Mainshaft/Countershaft

Check the spline grooves and sliding surfaces for abnormal wear or damage.

Measure the O.D. of the mainshaft and countershaft at the gear and bushing sliding areas.

#### SERVICE LIMITS:

Mainshaft (at M5 gear):	16.93 mm (0.067 in)
Countershaft(at C1 gear bushing):	14.90 mm (0.587 in)
(at C2 gear bushing):	19.92 mm (0.784 in)

