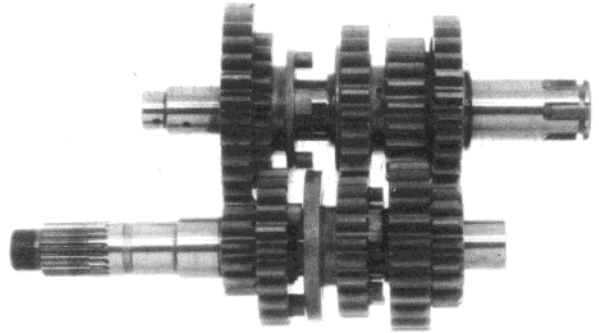


TRANSMISSION

INSPECTION

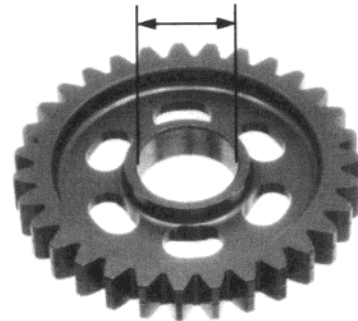
Disassemble the mainshaft and countershaft.
Inspect each gear for wear or damage.
Check the gear teeth for wear or damage.
Check the gear engagement dogs for wear or damage.



Check each gear for excessive or abnormal wear.
Inspect the I.D. of each gear.

SERVICE LIMITS:

M4	28.10 mm (1.106 in)
M5	28.08 mm (1.105 in)
C1	25.10 mm (0.988 in)
C3	25.10 mm (0.988 in)
C2	28.10 mm (1.106 in)



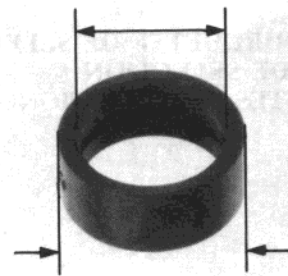
Measure the I.D. and O.D. of each gear bushing.

SERVICE LIMITS:

M5 O.D.	27.90 mm (1.098 in)
C1 O.D.	24.93 mm (0.981 in)
C1 I.D.	20.01 mm (0.791 in)
M4, C2 O.D.	27.93 mm (1.100 in)
M4, C2 I.D.	25.10 mm (0.988 in)

Calculate the clearance between the gear and bushing.

SERVICE LIMIT: 0.10 mm (0.004 in)



Measure the O.D. of the mainshaft.

SERVICE LIMIT:

M4	24.92 mm (0.981 in)
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