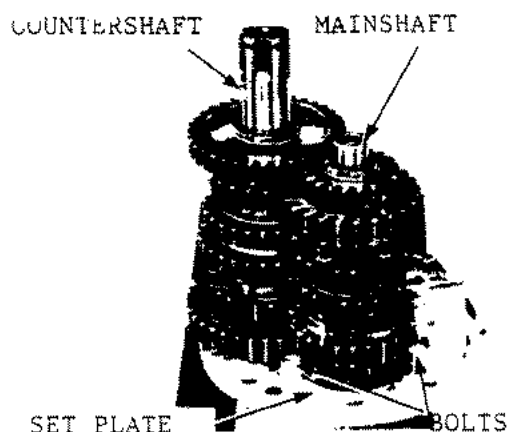


Remove main shaft bearing set plate and remove mainshaft and countershaft as an assembly from bearing shaft



TRANSMISSION INSPECTION

Mainshaft, Countershaft, Gears, Collars

Separate each gear from shaft and inspect gears faces and dogs for damage

* Do not open circlip more than necessary. Hold shaft and heavy items and slide to remove

Inspect each gear dog and hole for wear and damage. Also inspect each gear facing for wear and damage.

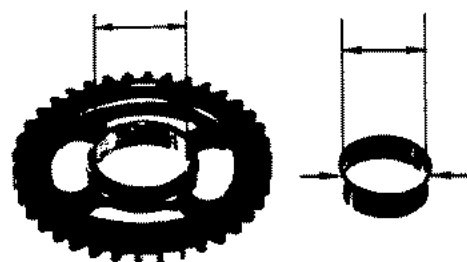
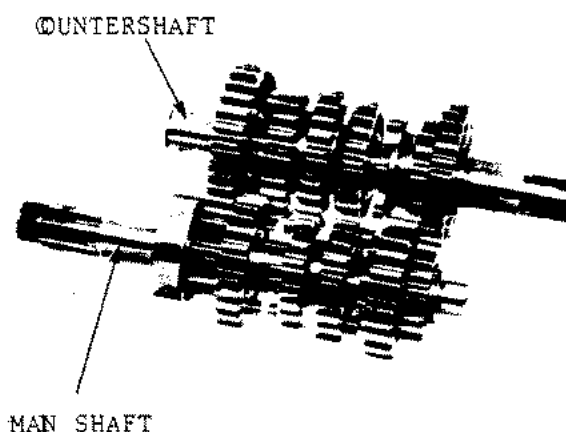
Measure each gears I.D

- M5, M6, C2, C3, C4 : 28.05mm (replace if over)
- C1 : 23.05mm (replace if over)

Measure each gear collars internal O.D

Service limit:

- M5 I.D : 25.085mm (replace if above)
- C2 I.D : 25.05mm (replace if above)
- C1 I.D : 20.07mm (replace if above)
- C1 O.D : 22.92mm (replace if below)
- M5, M6, C2, C3, C4 O.D : 27.92mm (replace if below)



Measure mainshaft counter shaft O.D

Service limit:

- M5 : 24.95mm (replace if below)
- C1 : 19.95mm (replace if below)
- C2 : 24.93mm (replace if below)

While turning mainshaft bearing outer race, inspect for smooth movement and condition Also inspect that mainshaft is tightened so there is no slack if abnormal, then replace (9.7)

