

Check the gear shifter groove for abnormal wear or damage.



Check the mainshaft and countershaft for abnormal wear or damage.

Measure the mainshaft O.D. at the M5 gear.

SERVICE LIMIT: 27.957 mm (1.1007 in)

Measure the countershaft O.D. at the C2 gear.

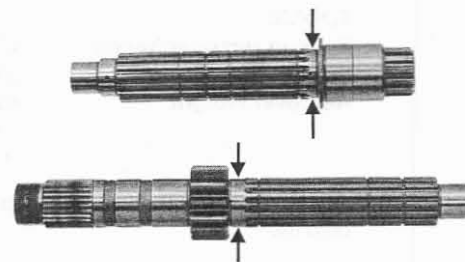
SERVICE LIMIT: 29.960 mm (1.1795 in)

Calculate the gear bushing-to-shaft clearance.

SERVICE LIMITS:

M5: 0.06 mm (0.002 in)

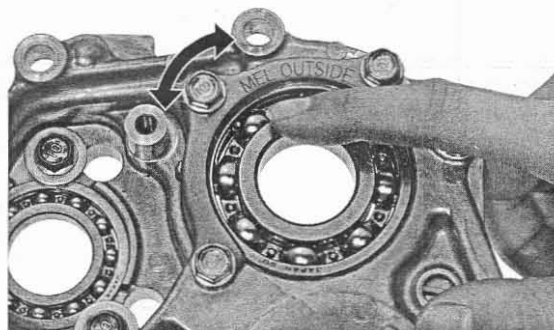
C2: 0.06 mm (0.002 in)



Turn the outer race of each transmission bearing with your finger.

The bearing should turn smoothly and freely without excessive play.

If necessary replace the bearing.



TRANSMISSION BEARING REPLACEMENT

Replace the transmission bearing holder and crankcase as a set.

Remove the bolts and shift drum bearing set plates.

Remove the bolts and mainshaft bearing set plate.

