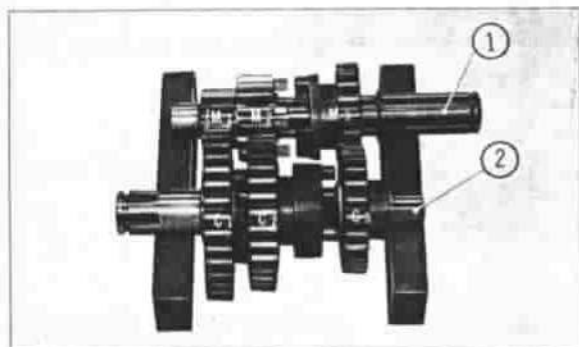


9. TRANSMISSION

This motorcycle use a constant mesh three speed transmission.



① Transmission mainshaft
② Transmission countershaft
Fig. 43-A Neutral position

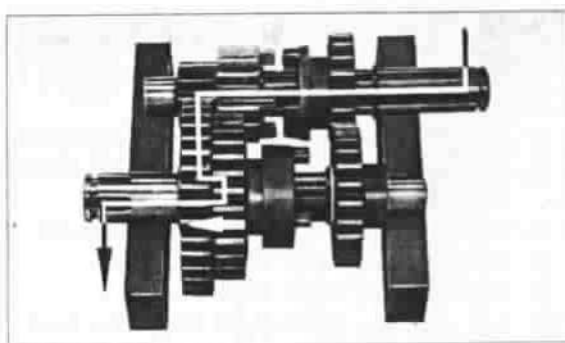


Fig. 43-B Low gear (C_2 shifted)

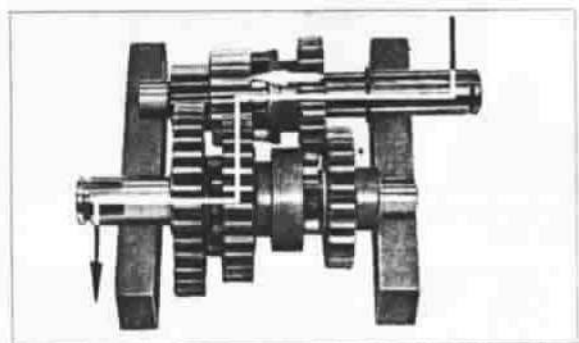


Fig. 43-C 2nd gear (M_2 shifted)

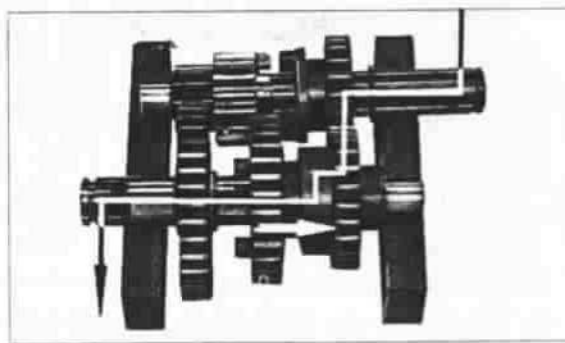
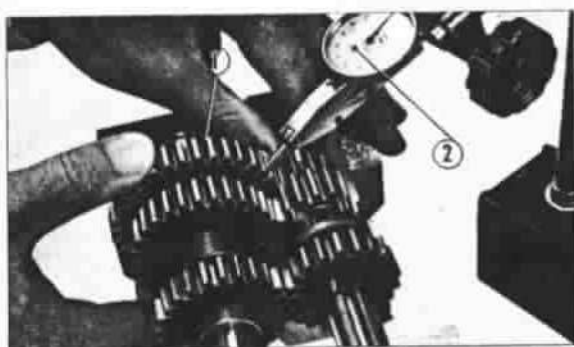


Fig. 43-D Top gear (C_3 shifted)

B. Disassembly

Perform the disassembly in accordance with the description in the section on crankshaft disassembly on page 18.

Remove the right crankcase and then remove the mainshaft, countershaft gear assembly and the gear shift fork assembly together as the unit.



① Gear ② Small dial gauge
Fig. 44

C. Inspection

1. Measuring the gear backlash

Lock one gear of the gear set being measured and measure the amount of gear movement in the free gear using a dial gauge (Fig. 44).

Item	Standard Value	Serviceable Limit
Low gear	0.0033~0.0067	Replace if over 0.010 (0.25 mm)
	(0.085~0.169 mm)	
2nd gear	0.0035~0.0071	Replace if over 0.010 (0.25 mm)
	(0.089~0.179 mm)	
Top gear	0.0033~0.0067	Replace if over 0.010 (0.25 mm)
	(0.084~0.170 mm)	