

8. Cylinder to Piston Clearance:

- (at skirt) .051mm (.002) minimum to
 .102mm (.004) maximum
- a. Ring Gap: .051mm (.002) minimum to
 .203mm (.008) maximum
- b. Piston Ring Side
 Clearance: .02 (.0008) minimum to
 .06 (.0024) maximum

B. Ignition System: 110mm diameter flywheel magneto

1. Lighting Coil: 33 watt - 6 volt, split coil
2. Ignition Timing: 2.8mm (.110) Before T.D.C.
- a. Point Gap: .356mm (.014) to .406mm (.016) @ T.D.C.

C. Transmission: 6-Speed

1. Primary gear ratio: 4.6153:1
- a. Crankshaft gear: 13 teeth, helical cut
- b. Mainshaft gear: 60 teeth, helical cut
2. Gear ratios and number of teeth for CLOSE ratio transmission only.

a.	<u>Main Shaft</u>		<u>Counter Shaft</u>		<u>Ratio</u>
	<u>Number of Teeth</u>		<u>Number of Teeth</u>		
	1st 10		33		3.3000:1
	2nd 13		30		2.3075:1
	3rd 16		27		1.6875:1
	4th 18		25		1.3888:1
	5th 19		24		1.2631:1
	6th 20		23		1.1500:1
b.	<u>Final Ratio</u>				
	1st 15.2304:1	4th	6.4097:1		
	2nd 10.6498:1	5th	5.8295:1		
	3rd 7.7883:1	6th	5.3075:1		

