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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- The crankcase must be separated to service the crankshaft and transmission components.
- The following parts must be removed before separating the crankcase.

Cylinder head	Section 6
Cylinder and piston	Section 7
Clutch	Section 8
Gearshift linkage	Section 9
A.C. generator	Section 14

TORQUE VALUE

Final drive sprocket	1.0 – 1.4 kg-m (7 – 10 ft-lb)
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SPECIFICATIONS

ITEM			STANDARD	SERVICE LIMIT
Transmission	Gear I.D.	M2	17.016 – 17.043 mm (0.6699 – 0.6710 in)	17.10 mm (0.673 in)
		C1	17.016 – 17.043 mm (0.6699 – 0.6710 in)	17.10 mm (0.673 in)
		C3	17.016 – 17.043 mm (0.6699 – 0.6710 in)	17.10 mm (0.673 in)
	Mainshaft O.D.		16.983 – 16.994 mm (0.6686 – 0.6691 in)	16.95 mm (0.667 in)
	Countershaft O.D.		16.966 – 16.984 mm (0.6680 – 0.6687 in)	16.95 mm (0.667 in)
	Shift drum O.D.		33.950 – 33.975 mm (1.3366 – 1.3376 in)	33.93 mm (1.336 in)
	Shift fork I.D.		34.000 – 34.025 mm (1.3386 – 1.3396 in)	34.07 mm (1.341 in)
	Shift fork pawl thickness		Left: 4.86 – 4.94 mm (0.191 – 0.195 in) Right: 5.86 – 5.94 mm (0.231 – 0.234 in)	4.6 mm (0.18 in) 5.6 mm (0.22 in)
Crankshaft	Connecting rod big end side clearance		0.10 – 0.35 mm (0.004 – 0.014 in)	0.6 mm (0.02 in)
	Connecting rod big end radial clearance		0 – 0.012 mm (0 – 0.0005 in)	0.05 mm (0.002 in)
	Runout		—————	0.10 mm (0.004 in)
	Journal bearing play	Axial	—————	0.10 mm (0.004 in)
		Radial	—————	0.05 mm (0.002 in)