

10. CRANKCASE/TRANSMISSION/CRANKSHAFT

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SERVICE INFORMATION

GENERAL

- Remove the following parts before separating the crankcase.
 - Cylinder head (section 6).
 - Cylinder and piston (section 7).
 - Clutch, oil pump and kick starter (section 8).
 - Alternator and gearshift linkage (section 9).
- For crankshaft and transmission repair, the crankcase must be separated.

SPECIFICATIONS

ITEM			STANDARD	SERVICE LIMIT
Crankshaft	Connecting rod small end I.D.		21.020–21.041 mm (0.8276–0.8284 in)	21.07 mm (0.830 in)
	Connecting rod big end axial clearance		0.05–0.65 mm (0.002–0.026 in)	0.80 mm (0.031 in)
	Connecting rod big end radial clearance		0.006–0.018 mm (0.0002–0.0007 in)	0.05 mm (0.002 in)
	Runout		—	0.05 mm (0.002 in)
Shift fork, shaft	Fork	I.D.	13.000–13.021 mm (0.5118–0.5126 in)	13.04 mm (0.513 in)
		Claw thickness	4.93–5.00 mm (0.194–0.197 in)	4.50 mm (0.177 in)
	Shaft O.D.		12.966–12.984 mm (0.5105–0.5112 in)	12.96 mm (0.510 in)
Transmission	Gear I.D.	M5	25.020–25.041 mm (0.9850–0.9859 in)	25.07 mm (0.987 in)
		M6	24.020–24.041 mm (0.9457–0.9465 in)	24.07 mm (0.948 in)
		C1	23.020–23.041 mm (0.9063–0.9071 in)	23.07 mm (0.908 in)
		C2	27.020–27.041 mm (1.0638–1.0646 in)	27.07 mm (1.066 in)
		C3	28.020–28.041 mm (1.1031–1.1040 in)	28.07 mm (1.105 in)
		C4	28.020–28.041 mm (1.1031–1.1040 in)	28.07 mm (1.105 in)
	Mainshaft O.D.	M5	21.959–21.980 mm (0.8645–0.8654 in)	21.93 mm (0.863 in)
		Clutch	21.959–21.980 mm (0.8645–0.8654 in)	21.93 mm (0.863 in)
	Counter-shaft O.D.	C1	19.980–19.993 mm (0.7866–0.7871 in)	19.95 mm (0.785 in)
		C2	23.959–23.980 mm (0.9433–0.9441 in)	23.93 mm (0.942 in)
C4		24.959–24.980 mm (0.9826–0.9835 in)	24.93 mm (0.981 in)	