

Unit: mm (in)

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CRANKCASE/CRANKSHAFT/BALANCER ITEM	STANDARD	SERVICE LIMIT
Connecting rod big end side clearance	0.05—0.65 (0.002—0.026)	0.80 (0.031)
Crankshaft runout	————	0.05 (0.002)
Connecting rod big end radial clearance	————	0.05 (0.002)

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TRANSMISSION			STANDARD	SERVICE LIMIT
ITEM				
Transmission	Gear I.D.	M4, M5, C2	28.000—28.021 (1.1024—1.1032)	28.04 (1.104)
		C1	23.000—23.021 (0.9055—0.9063)	23.04 (0.907)
		C3	31.000—31.025 (1.2205—1.2215)	31.05 (1.222)
	Bushing O.D.	M4, M5	27.959—27.980 (1.1007—1.1016)	27.93 (1.100)
		C1	22.959—22.979 (0.9039—0.9047)	22.93 (0.903)
		C2	27.959—27.980 (1.1007—1.1016)	27.93 (1.100)
		C3	30.950—30.975 (1.2185—1.2195)	30.92 (1.217)
	Bushing I.D.	M4	24.985—25.006 (0.9837—0.9845)	25.02 (0.985)
		C1	20.000—20.021 (0.7874—0.7882)	20.04 (0.789)
		C2	25.000—25.021 (0.9843—0.9851)	25.04 (0.986)
		C3	27.995—28.016 (1.1022—1.1030)	28.04 (1.104)
	Gear-to-bushing clearance	M4, M5, C2	0.020—0.062 (0.0008—0.0024)	0.10 (0.004)
		C1	0.021—0.062 (0.0008—0.0024)	0.10 (0.004)
		C3	0.025—0.075 (0.0010—0.0030)	0.13 (0.005)
	Mainshaft O.D.	M4	24.967—24.980 (0.9830—0.9835)	24.94 (0.982)
		Clutch outer guide	21.967—21.980 (0.8648—0.8654)	21.94 (0.864)
	Countershaft O.D.	C1	19.980—19.993 (0.7866—0.7871)	19.94 (0.785)
		C2	24.972—24.993 (0.9831—0.9840)	24.95 (0.982)
		C3	27.959—27.980 (1.1007—1.1016)	27.93 (1.100)
		Starter idle gear	19.980—19.993 (0.7866—0.7871)	19.94 (0.785)
	Bushing-to-shaft clearance	M4	0.005—0.039 (0.0002—0.0015)	0.06 (0.002)
		C1	0.007—0.041 (0.0003—0.0016)	0.06 (0.002)
		C2	0.007—0.049 (0.0003—0.0019)	0.06 (0.002)
		C3	0.015—0.057 (0.0006—0.0022)	0.06 (0.002)
Shift fork, Shift fork shaft	Shift fork	I.D.	14.000—14.021 (0.5512—0.5520)	14.03 (0.552)
		Operation area thickness	5.93—6.00 (0.233—0.236)	5.9 (0.23)
	Shift fork shaft O.D.		13.957—13.968 (0.5495—0.5499)	13.95 (0.549)
Shift drum	O.D. at right crankcase bearing side		19.959—19.980 (0.7858—0.7866)	19.93 (0.785)
	O.D. at left side journal side		11.966—11.984 (0.4711—0.4718)	11.95 (0.470)