

SERVICE SPECIFICATIONS - MANUAL TRANSMISSION / TRANSAXLE

Transmission clutch hub No.2 snap ring clearance		0.1 mm (0.0039 in.) or less.
Input shaft rear radial ball bearing snapping clearance		0.1 mm (0.0039 in.) or less
Output shaft assy (C150)		
1st gear thrust clearance	STD Max.	0.10 - 0.40 mm (0.0039 - 0.0157 in.) 0.40 mm (0.0157)
2nd gear thrust clearance	STD Max.	0.1 - 0.45 mm (0.0039 - 0.079) 0.45 mm (0.079 in.)
1st gear radial clearance	STD: KOYO made NSK made Max.: KOYO made NSK made	0.015 - 0.058 mm (0.0006 - 0.0023 in.) 0.015 - 0.056 mm (0.0006 - 0.0022 in.) 0.058 mm (0.0023 in.) NSK made: 0.056 mm (0.0022 in.)
2nd gear radial clearance	STD: KOYO made NSK made Max.: KOYO made NSK made	0.015 - 0.058 mm (0.0006 - 0.0023 in.) 0.015 - 0.056 mm (0.0006 - 0.0023 in.) 0.058 mm (0.0006 - 0.0023 in.) 0.056 mm (0.0006 - 0.0023 in.)
Output shaft runout		0.015 mm (0.0006 in.)
Out put shaft outer diameter	STD: Part A Part B Part C Min.: Part A Part B Part C	31.985 - 32.000 (1.2592 - 1.260 in.) 37.985 - 38.000 (1.4955 - 1.496 in.) 32.985 - 33.000 (1.2986 - 1.299 in.) Part A: 31.985 mm (1.2592 in.) Part B: 37.985 mm (1.4955 in.) Part C: 32.985 mm (1.2986 in.)
2nd gear clearance	STD Max.	33.015 - 38.031 mm (1.2998 - 1.4972 in.) 38.031mm (1.4972 in.)
1st gear clearance	STD Max.	44.015 - 44.031 mm (1.7328 - 1.7335 in.) 44.031 mm (1.7335 in.)
1st gear thrust washer thickness	STD Min.	5.975 - 6.025 mm (0.2350 - 0.2372 in.) 5.975 mm (0.2350 in.)
Synchronizer ring No.1 (2nd gear) Clearance	STD Min.	0.75 - 1.65 mm (0.0295 - 0.0649 in.) 0.75 mm (0.0295 in.)
Synchronizer ring No.1 (1st gear) Clearance	STD Min.	0.75 - 1.65 mm (0.0295 - 0.0649 in.) 0.75 mm (0.0295 in.)
Reverse gear and shift fork clearance	STD Min.	0.15 - 0.35 mm (0.006 - 0.014 in.) 0.35 mm (0.014 in.)
Trancemission clutch hub No.1 snap ring clearance		0 - 1mm (0 - 0.0394 in) or less
Shift & select lever shaft assy (C150)		
Contorol shaft cover oil seal		25.0 - 26.0 mm (1.808 - 1.02362 in)
Select inner lever drive in depth		3.0 - 4.0 mm (0.1181 - 0.1575 in)
Sift lever inner No.1 drive in depth		-0.5 - 0.5 mm (-0.0197 - 0.0197 in)
Sift lever inner No.2 drive in depth		-0.5 - 0.5 mm (-0.0197 - 0.0197 in)
Differential case assy (C150)		
Front differential side gear back lash		0.05 - 0.20 mm (0.0020 - 0.0079 in.)
Front differential pinion thrust washer thickness	Min.	0.94 mm (0.0370 in.)
Front differential pinion shaft No.1 outer diameter	Min.	14.975 mm (in.)

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