

TRANSFER ASSY

SERVICE DATA

030RP-01

Drive pinion preload (at starting) Drive pinion and ring gear Total		0.32 – 0.57 N·m (3 – 6 kgf·cm, 2.8 – 5.0 in.-lbf) 0.53 – 0.94 N·m (5 – 10 kgf·cm, 4.7 – 8.3 in.-lbf)
Ring gear backlash		0.10 – 0.15 mm (0.0039 – 0.0059 in.)
Ring gear runout		0.06 mm (0.0024 in.)
Transfer ring gear mounting case runout		0.14 mm (0.0055 in.)
Driven pinion preload (at starting) New bearing Used bearing		0.52 – 0.97 N·m (5 – 10 kgf·cm, 4.6 – 8.6 in.-lbf) 0.30 – 0.52 N·m (3 – 5 kgf·cm, 2.7 – 4.6 in.-lbf)
Thrust washer thickness (Backlash adjust)	Mark	
	50	2.05 mm (0.0807 in.)
	51	2.08 mm (0.0819 in.)
	52	2.11 mm (0.0831 in.)
	53	2.14 mm (0.0843 in.)
	54	2.17 mm (0.0854 in.)
	55	2.20 mm (0.0866 in.)
	56	2.23 mm (0.0878 in.)
	57	2.26 mm (0.0890 in.)
	58	2.29 mm (0.0902 in.)
	59	2.32 mm (0.0913 in.)
	60	2.35 mm (0.0925 in.)
	61	2.38 mm (0.0937 in.)
	62	2.41 mm (0.0949 in.)
	63	2.44 mm (0.0961 in.)
	64	2.47 mm (0.0973 in.)
	65	2.50 mm (0.0984 in.)
	66	2.53 mm (0.0996 in.)
	67	2.56 mm (0.1008 in.)
	68	2.59 mm (0.1020 in.)
	69	2.62 mm (0.1031 in.)
	70	2.65 mm (0.1043 in.)
	71	2.68 mm (0.1055 in.)
	72	2.71 mm (0.1067 in.)
	73	2.74 mm (0.1079 in.)
	74	2.77 mm (0.1091 in.)
	75	2.80 mm (0.1102 in.)
	76	2.83 mm (0.1114 in.)
	77	2.86 mm (0.1126 in.)
	78	2.89 mm (0.1138 in.)
	79	2.92 mm (0.1150 in.)
	80	2.95 mm (0.1161 in.)
	81	2.98 mm (0.1173 in.)
	82	3.01 mm (0.1185 in.)
	83	3.04 mm (0.1197 in.)
	84	3.07 mm (0.1209 in.)

SERVICE SPECIFICATIONS – TRANSFER ASSY

Thrust washer thickness (Tooth adjust)	Mark	
	AA	2.10 mm (0.0827 in.)
	AC	2.12 mm (0.0835 in.)
	BB	2.14 mm (0.0843 in.)
	CA	2.16 mm (0.0850 in.)
	CC	2.18 mm (0.0858 in.)
	DB	2.20 mm (0.0866 in.)
	EA	2.22 mm (0.0874 in.)
	EC	2.24 mm (0.0882 in.)
	FB	2.26 mm (0.0890 in.)
	GA	2.28 mm (0.0898 in.)
	GC	2.30 mm (0.0906 in.)
	HB	2.32 mm (0.0913 in.)
	JA	2.34 mm (0.0921 in.)
	JC	2.26 mm (0.0929 in.)
	KB	2.38 mm (0.0937 in.)
	LA	2.40 mm (0.0945 in.)
	LC	2.42 mm (0.0953 in.)
	MB	2.44 mm (0.0961 in.)
	NA	2.46 mm (0.0969 in.)
	NC	2.48 mm (0.0976 in.)
	PB	2.50 mm (0.0984 in.)
	QA	2.52 mm (0.0992 in.)
	QC	2.54 mm (0.1000 in.)

Total preload New bearing		Driven pinion preload + 0.3 – 0.45 N·m (3 – 5 kgf·cm, 2.7 – 4.0 in.-lbf)
Used bearing		Driven pinion preload + 0.19 – 0.33 N·m (2 – 3 kgf·cm, 1.7 – 2.9 in.-lbf)
Thrust washer thickness (Preload adjust)	Mark	
	A0	2.47 mm (0.0972 in.)
	A1	2.50 mm (0.0984 in.)
	A2	2.53 mm (0.0996 in.)
	A3	2.56 mm (0.1008 in.)
	A4	2.59 mm (0.1020 in.)
	A5	2.62 mm (0.1031 in.)
	A6	2.65 mm (0.1043 in.)
	A7	2.68 mm (0.1055 in.)
	A8	2.71 mm (0.1067 in.)
	A9	2.74 mm (0.1079 in.)
	B0	2.77 mm (0.1091 in.)
	B1	2.80 mm (0.1102 in.)
	B2	2.83 mm (0.1114 in.)
	B3	2.86 mm (0.1126 in.)
	B4	2.89 mm (0.1138 in.)
	B5	2.92 mm (0.1150 in.)
	B6	2.95 mm (0.1161 in.)
	B7	2.98 mm (0.1173 in.)
	B8	3.01 mm (0.1185 in.)
	B9	3.04 mm (0.1197 in.)
	C0	3.07 mm (0.1209 in.)
	C1	3.10 mm (0.1220 in.)
	C2	3.13 mm (0.1232 in.)
	C3	3.16 mm (0.1244 in.)
	C4	3.19 mm (0.1256 in.)
	C5	3.22 mm (0.1268 in.)
	C6	3.25 mm (0.1280 in.)
	C7	3.28 mm (0.1291 in.)
	C8	3.31 mm (0.1303 in.)
	C9	3.34 mm (0.1315 in.)
	D0	3.37 mm (0.1327 in.)
	D1	3.40 mm (0.1339 in.)
	D2	3.43 mm (0.1350 in.)
	D3	3.46 mm (0.1362 in.)
	D4	3.49 mm (0.1374 in.)
	D5	3.52 mm (0.1386 in.)
	D6	3.55 mm (0.1398 in.)
	D7	3.58 mm (0.1409 in.)
	D8	3.61 mm (0.1421 in.)
	D9	3.64 mm (0.1433 in.)
	E0	3.67 mm (0.1445 in.)
	E1	3.70 mm (0.1457 in.)
	E2	3.73 mm (0.1469 in.)
	E3	3.76 mm (0.1480 in.)
	E4	3.79 mm (0.1492 in.)
	E5	3.82 mm (0.1504 in.)