TRANSFER

SERVICE DATA

031IV–02

Driven pinion preload	Starting	0.9 to 1.4 N·m (9 to 14 kgf·cm, 8.0 to 12.4 in.·lbf)
Total preload	Turning	1.05 to 1.70 N·m (11 to 17 kgf·cm, 9.2 to 15.0 in.·lbf)
Driven pinion preload (For use with SST)	New bearig Used bearing	1.1 to 1.6 N·m (11 to 16 kgf·cm, 9.7 to 14.2 in.·lbf) 0.9 to 1.4 N·m (9 to 14 kgf·cm, 8.0 to 12.4 in.·lbf)
Total preload (For use with SST)	New bearing Used bearing	1.30 to 1.98 N·m (13.3 to 20.2 kgf·cm, 11.5 to 17.5 in.·lbf) 1.07 to 1.68 N·m (10.9 to 17.1 kgf·cm, 9.5 to 14.9 in.·lbf)
Ring gear	Backlash	0.10 to 0.15 mm (0.0039 to 0.0059 in.)
Ring gear runout	Maximum	0.1 mm (0.004 in.)
Transfer ring gear mounting case runout	Maximum	0.03 mm (0.0012 in.)
Center differential control coupling runout	Maximum	0.03 mm (0.0012 in.)
Washer thickness LH side	Mark	
	AA	2.07 mm (0.0814 in.)
	AB	2.10 mm (0.0826 in.)
	AC	2.13 mm (0.0838 in.)
	BA	2.16 mm (0.0850 in.)
	BB	2.19 mm (0.0862 in.)
	BC	2.22 mm (0.0874 in.)
	CA	2.25 mm (0.0885 in.)
	CB	2.28 mm (0.0897 in.)
	CC	2.31 mm (0.0909 in.)
	DA	2.34 mm (0.0921 in.)
	DB	2.37 mm (0.0933 in.)
	DC	2.40 mm (0.0944 in.)
	EA	2.43 mm (0.0956 in.)
	EB	2.46 mm (0.0968 in.)
	EC	2.49 mm (0.0980 in.)
	FA	2.52 mm (0.0992 in.)
	FB	2.55 mm (0.1003 in.)
	FC	2.58 mm (0.1015 in.)
	GA	2.61 mm (0.1027 in.)
	GB	2.64 mm (0.1039 in.)
	GC	2.67 mm (0.1051 in.)
	HA	2.70 mm (0.1062 in.)
	HB	2.73 mm (0.1074 in.)
	HC	2.76 mm (0.1086 in.)
	JA	2.79 mm (0.1098 in.)
	JB	2.82 mm (0.1110 in.)
	JC	2.85 mm (0.1122 in.)
	KA	2.88 mm (0.1133 in.)
	KB	2.91 mm (0.1145 in.)
	KC	2.94 mm (0.1157 in.)
	LA	2.97 mm (0.1169 in.)
	LB	3.00 mm (0.1181 in.)

Driven pinion bearing washer thickness front side	Mark	
	AA	1.20 mm (0.0472 in.)
	AC	1.22 mm (0.0480 in.)
	BB	1.24 mm (0.0488 in.)
	CA	1.26 mm (0.0496 in.)
	CC	1.28 mm (0.0503 in.)
	DB	1.30 mm (0.0511 in.)
	EA	1.32 mm (0.0519 in.)
	EC	1.34 mm (0.0527 in.)
	FB	1.36 mm (0.0535 in.)
	GA	1.38 mm (0.0543 in.)
	GC	1.40 mm (0.0551 in.)
	HB	1.42 mm (0.0559 in.)
	JA	1.44 mm (0.0566 in.)
	JC	1.46 mm (0.0574 in.)
	KB	1.48 mm (0.0582 in.)
	LA	1.50 mm (0.0590 in.)
	LC	1.52 mm (0.0598 in.)
	MB	1.54 mm (0.0606 in.)
	NA	1.56 mm (0.0614 in.)
	NC	1.58 mm (0.0622 in.)
	PB	1.60 mm (0.0629 in.)
	QA	1.62 mm (0.0637 in.)
	QC	1.64 mm (0.0645 in.)
Washer thickness RH side	Mark	
	AA	1.47 mm (0.0578 in.)
	AB	1.50 mm (0.0590 in.)
	AC	1.53 mm (0.0602 in.)
	BA	1.56 mm (0.0614 in.)
	BB	1.59 mm (0.0625 in.)
	BC	1.62 mm (0.0637 in.)
	CA	1.65 mm (0.0649 in.)
	CB	1.68 mm (0.0661 in.)
	CC	1.71 mm (0.0673 in.)
	DA	1.74 mm (0.0685 in.)
	DB	1.77 mm (0.0696 in.)
	DC	1.80 mm (0.0708 in.)
	EA	1.83 mm (0.0720 in.)
	EB	1.86 mm (0.0732 in.)
	EC	1.89 mm (0.0744 in.)
	FA	1.92 mm (0.0755 in.)
	FB	1.95 mm (0.0767 in.)
	FC	1.98 mm (0.0779 in.)
	GA	2.01 mm (0.0790 in.)
	GB	2.04 mm (0.0803 in.)
	GC	2.07 mm (0.0814 in.)
	HA	2.10 mm (0.0826 in.)
	HB	2.13 mm (0.0838 in.)
	HC	2.16 mm (0.0850 in.)
	JA	2.19 mm (0.0862 in.)
	JB	2.22 mm (0.0874 in.)
	JC	2.25 mm (0.0885 in.)
	KA	2.28 mm (0.0897 in.)
	KB	2.31 mm (0.0909 in.)
	KC	2.34 mm (0.0921 in.)
	LA	2.37 mm (0.0933 in.)
	LB	2.40 mm (0.0944 in.)
	LC	2.43 mm (0.0956 in.)
	MA	2.46 mm (0.0968 in.)
	MB	2.49 mm (0.0980 in.)
	MC	2.52 mm (0.0992 in.)
	NA	2.55 mm (0.1003 in.)
	NB	2.58 mm (0.1015 in.)