

TRANSFER

SERVICE DATA

SS1E8-02

Idler gear rear bearing adjusting shim thickness	Mark 2	0.30 mm (0.0118 in.)
	3	0.45 mm (0.0177 in.)
	4	2.40 mm (0.0945 in.)
	5	2.60 mm (0.1024 in.)
	6	2.80 mm (0.1102 in.)
	7	3.00 mm (0.1181 in.)
	8	3.20 mm (0.1260 in.)
	9	3.40 mm (0.1339 in.)
	10	3.60 mm (0.1417 in.)
	11	3.80 mm (0.1496 in.)
	12	4.00 mm (0.1575 in.)
	13	0.55 mm (0.0216 in.)
Output shaft rear bearing adjusting shim thickness	Mark B	0.30 mm (0.0118 in.)
	C	0.45 mm (0.0177 in.)
	D	1.00 mm (0.0394 in.)
	E	1.20 mm (0.0472 in.)
	F	1.40 mm (0.0551 in.)
	G	1.60 mm (0.0630 in.)
	H	1.80 mm (0.0709 in.)
	J	2.00 mm (0.0787 in.)
	K	2.20 mm (0.0866 in.)
	L	2.40 mm (0.0945 in.)
	M	2.60 mm (0.1024 in.)
	N	0.55 mm (0.0216 in.)
Input gear snap ring thickness	Mark A	2.00 mm (0.0787 in.)
	B	2.10 mm (0.0827 in.)
	C	2.20 mm (0.0866 in.)
	D	2.30 mm (0.0906 in.)
	E	2.40 mm (0.0945 in.)
	F	2.50 mm (0.0984 in.)
	G	2.60 mm (0.1024 in.)
	H	2.70 mm (0.1063 in.)
	J	2.80 mm (0.1102 in.)
Input shaft rear ball bearing snap ring thickness	Mark A	2.00 mm (0.0787 in.)
	B	2.10 mm (0.0827 in.)
	C	2.20 mm (0.0866 in.)
	D	2.30 mm (0.0906 in.)
	E	2.40 mm (0.0945 in.)
Idler low gear thrust clearance	STD	0.125 – 0.275 mm (0.0049 – 0.0108 in.)
	Max.	0.275 mm (0.0108 in.)
Idler low gear radial clearance	STD	0.015 – 0.068 mm (0.0006 – 0.0027 in.)
	Max.	0.068 mm (0.0027 in.)
High speed output gear thrust clearance	STD	0.10 – 0.25 mm (0.0039 – 0.0098 in.)
	Max.	0.25 mm (0.0098 in.)
High speed output gear radial clearance	STD	0.015 – 0.071 mm (0.0006 – 0.0028 in.)
	Max.	0.071 mm (0.0028 in.)
Center differential backlash	Min.	0.05 mm (0.0020 in.)

Center differential side gear thrust washer thickness		1.70 mm (0.0669 in.) 1.85 mm (0.0728 in.) 2.00 mm (0.0787 in.) 2.15 mm (0.0846 in.) 2.30 mm (0.0906 in.) 2.45 mm (0.0965 in.) 2.60 mm (0.1024 in.) 2.75 mm (0.1083 in.) 2.90 mm (0.1142 in.) 3.05 mm (0.1201 in.)
Front drive gear piece snap ring thickness	Mark A B C D E F G H J K L	2.00 mm (0.0787 in.) 2.10 mm (0.0827 in.) 2.20 mm (0.0866 in.) 2.30 mm (0.0906 in.) 2.40 mm (0.0945 in.) 2.50 mm (0.0984 in.) 2.60 mm (0.1024 in.) 2.70 mm (0.1063 in.) 2.80 mm (0.1102 in.) 1.80 mm (0.0709 in.) 1.90 mm (0.0748 in.)
Front extension housing ball bearing snap ring thickness	Mark A B	1.7 mm (0.0669 in.) 1.8 mm (0.0709 in.)
Front output shaft hub snap ring thickness	Mark A B C D E	1.8 mm (0.0709 in.) 1.9 mm (0.0748 in.) 2.0 mm (0.0787 in.) 2.1 mm (0.0827 in.) 2.2 mm (0.0866 in.)
Oil pump driven rotor body clearance	STD Max.	0.08 – 0.17 mm (0.0031 – 0.0067 in.) 0.17 mm (0.0067 in.)
Oil pump driven rotor body tip clearance	STD Max.	0.05 – 0.15 mm (0.0020 – 0.0059 in.) 0.15 mm (0.0059 in.)
Oil pump side clearance	STD Max.	0.03 – 0.10 mm (0.0012 – 0.0039 in.) 0.10 mm (0.0039 in.)
Rear extension housing ball bearing snap ring thickness	Mark A B	1.7 mm (0.0669 in.) 1.8 mm (0.0709 in.)
Rear output shaft ball bearing snap ring thickness	Mark 1 2 3 4	1.95 mm (0.0768 in.) 2.05 mm (0.0807 in.) 2.15 mm (0.0847 in.) 2.25 mm (0.0886 in.)
Motor actuator		
Terminal 2 – Terminal 3	STD resistance	0.3 – 100 Ω
Terminal 2 or 3 – Body ground	STD resistance	More than 0.5 M Ω