SERVICE SPECIFICATIONS

SERVICE DATA

Input gear snap ring	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	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.
Idle low gear thrust clearance	STD	0.125 — 0.275 mm	0.0049 — 0.0108 in.
	Limit	0.275 mm	0.0108 in.
Idle low gear oil clearance	STD	0.015 — 0.068 mm	0.0006 — 0.0027 in.
	Limit	0.068 mm	0.0027 in.
High speed gear thrust clearance	STD	0.10 — 0.25 mm	0.0039 — 0.0098 in.
	Limit	0.25 mm	0.0098 in.
High speed gear oil clearance	STD	0.015 — 0.071 mm	0.0006 — 0.0028 in.
	Limit	0.071 mm	0.0028 in.
Center differential backlash adjusting shim		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.
Center differential backlash	Limit	0.05 mm	0.0020 in.
Oil pump driven rotor body clearance	STD	0.08 — 0.17 mm	0.0031 — 0.0067 in.
	Limit	0.17 mm	0.0067 in.
Oil pump driven rotor body tip clearance	STD	0.05 — 0.15 mm	0.0020 — 0.0059 in.
	Limit	0.15 mm	0.0059 in.
Oil pump side clearance	STD	0.03 — 0.1 mm	0.0012 — 0.0039 in.
	Limit	0.10 mm	0.0039 in.
Front drive gear piece snap ring	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.
	K	1.80 mm	0.0709 in.
	L	1.90 mm	0.0748 in.
Rear output shaft adjusting shim			
Idler gear side	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.

TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Oil pump plate × Rear extension housing	4.9	50	43 in.·lbf
Screw plug × Rear extension housing	29	300	22
Oil pump cover × Rear extension housing	4.9	50	43 in.·lbf
Lever lock pin	12	120	9
Oil strainer × Rear case	4.9	50	43 in.·lbf
Case cover × Rear case	37	380	27
Rear extension housing × Rear case	37	380	27
Front extension housing × Front case	37	380	27
Center Diff Lock Indicator switch × Front extension housing	37	380	27
Screw plug × Front case	19	190	14
Motor actuator × Front case	18.1	185	13.3
Differential front case × Differential rear case	98	1,000	72
(temporarily tighten)	88	900	65
Front case × Rear case	37	380	27
Rear case × Bearing retainer	39.2	400	28