TRANSFER (Part–Time 4WD Type)

SS0SH–01

SERVICE DATA

Idler gear rear bearing adjusting shim thickness		
	Mark 2	0.30 mm (0.0118 in.)
	Mark 3	0.45 mm (0.0177 in.)
	Mark 4	2.40 mm (0.0945 in.)
	Mark 5	2.60 mm (0.1024 in.)
	Mark 6	2.80 mm (0.1102 in.)
	Mark 7	3.00 mm (0.1181 in.)
	Mark 8	3.20 mm (0.1260 in.)
	Mark 9	3.40 mm (0.1339 in.)
	Mark 10	3.60 mm (0.1417 in.)
	Mark 11	3.80 mm (0.1496 in.)
	Mark 12	4.00 mm (0.1575 in.)
	Mark 13	0.55 mm (0.0216 in.)
Output shaft rear bearing adjusting shim thickness		
	Mark B	0.30 mm (0.0118 in.)
	Mark C	0.45 mm (0.0177 in.)
	Mark D	1.00 mm (0.0394 in.)
	Mark E	1.20 mm (0.0472 in.)
	Mark F	1.40 mm (0.0551 in.)
	Mark G	1.60 mm (0.0630 in.)
	Mark H	1.80 mm (0.0709 in.)
	Mark J	2.00 mm (0.0787 in.)
	Mark K	2.20 mm (0.0866 in.)
	Mark L	2.40 mm (0.0945 in.)
	Mark M	2.60 mm (0.1024 in.)
	Mark N	0.55 mm (0.0216 in.)
Input shaft front ball bearing snap ring thickness		
	Mark A	2.90 mm (0.1142 in.)
	Mark B	2.95 mm (0.1161 in.)
	Mark C	3.00 mm (0.1181 in.)
	Mark D	3.05 mm (0.1201 in.)
	Mark E	3.10 mm (0.1220 in.)
	Mark F	3.15 mm (0.1240 in.)
Input shaft rear ball bearing snap ring thickness		
	Mark A	2.00 mm (0.0787 in.)
	Mark B	2.10 mm (0.0827 in.)
	Mark C	2.20 mm (0.0866 in.)
	Mark D	2.30 mm (0.0906 in.)
	Mark E	2.40 mm (0.0945 in.)
High speed gear thrust clearance	STD	0.28 – 0.43 mm (0.0110 – 0.0169 in.)
	Max.	0.43 mm (0.0169 in.)
Low speed gear thrust clearance	STD	0.20 – 0.45 mm (0.0079 – 0.0177 in.)
	Max.	0.45 mm (0.0177 in.)
High speed gear and low speed gear radial clearance	STD	0.015 – 0.068 mm (0.0005 – 0.0027 in.)
	Max.	0.068 mm (0.0027 in.)
Output shaft journal outer diameter	High speed gear	41.984 mm (1.6529 in.)
	Low speed gear	42.984 mm (1.6923 in.)
Output shaft journal length	High speed gear	51.55 mm (2.0295 in.)
	Low speed gear	62.35 mm (2.4547 in.)
Synchronizer ring to gear clearance (M/T)	STD	0.68 – 1.66 mm (0.0268 – 0.0654 in.)
	Min.	0.68 mm (0.0268 in.)

Shift fork to hub sleeve clearance	STD	0.1 – 0.4 mm (0.0039 – 0.0157 in.)
	Max.	0.4 mm (0.0157 in.)
Output shaft clutch hub snap ring thickness		
	Mark A	2.60 mm (0.1024 in.)
	Mark B	2.65 mm (0.1043 in.)
	Mark C	2.70 mm (0.1063 in.)
	Mark D	2.75 mm (0.1083 in.)
	Mark E	2.80 mm (0.1102 in.)
	Mark F	2.85 mm (0.1122 in.)
	Mark G	2.90 mm (0.1142 in.)
Output shaft front drive gear piece snap ring thickness		
	Mark A	2.00 mm (0.0787 in.)
	Mark B	2.10 mm (0.0827 in.)
	Mark C	2.20 mm (0.0866 in.)
	Mark D	2.30 mm (0.0906 in.)
	Mark E	2.40 mm (0.0945 in.)
Front extension housing ball bearing snap ring thickness		
	Mark A	1.70 mm (0.0669 in.)
	Mark B	1.80 mm (0.0709 in.)
Front output shaft drive clutch hub snap ring thickness		
	Mark A	1.80 mm (0.0709 in.)
	Mark B	1.90 mm (0.0748 in.)
	Mark C	2.00 mm (0.0787 in.)
	Mark D	2.10 mm (0.0827 in.)
	Mark E	2.20 mm (0.0866 in.)
Motor actuator		
2 – 3	STD resistance	0.3 – 100 Ω
2 or 3 – body ground	STD resistance	More than 0.5 MΩ
Breather hose (from the hose end to the clip end)		
w/o One touch 2–4 selector system (for the transfer)		2 mm (0.08 in.) or more
w/ One touch 2–4 selector system (for the motor actuator)		5 mm (0.20 in.) or more