SERVICE SPECIFICATIONS

SERVICE DATA

Output shaft 1st gear journal diameter			
	Limit	49.979 mm	1.9177 in.
Output shaft 2nd gear journal diameter			
	Limit	57.984 mm	2.2828 in.
Output shaft 3rd gear journal diameter			
	Limit	37.979 mm	1.4952 in.
Output shaft 5th gear journal diameter			
	Limit	45.984 mm	1.8104 in.
Output shaft Frange thickness			
	Limit	4.725 mm	0.1860 in.
Output shaft Runout			
	Limit	0.03 mm	0.0012 in.
Gear thrust clearance 1st and 3rd			
	STD	0.1 — 0.45 mm	0.0039 — 0.0177 in.
Gear thrust clearance 2nd and 5th			
	STD	0.1 — 0.35 mm	0.0039 — 0.0138 in.
Gear oil clearance 1st and 3rd			
	STD	0.020 — 0.073 mm	0.0008 — 0.0029 in.
Gear oil clearance 2nd and 5th			
	STD	0.015 — 0.068 mm	0.0006 — 0.0027 in.
Synchronizer ring for 1st gear clearance			
	Limit	1.1 mm	0.04331 in.
Synchronizer ring for 2nd gear clearance			
	Limit	0.85 mm	0.0335 in.
Synchronizer ring for 3rd gear clearance			
	Limit	0.8 mm	0.0315 in.
Output shaft snap ring thickness			
No.3 Hub sleeve	Mark A	2.40 — 2.45 mm	0.0945 — 0.0965 in.
No.3 Hub sleeve	Mark B	2.45 — 2.50 mm	0.0965 — 0.0984 in.
No.3 Hub sleeve	Mark C	2.50 — 2.55 mm	0.0984 — 0.1004 in.
No.3 Hub sleeve	Mark D	2.55 — 2.60 mm	0.1004 — 0.1024 in.
No.3 Hub sleeve	Mark E	2.60 — 2.65 mm	0.1024 — 0.1044 in.
No.3 Hub sleeve	Mark F	2.65 — 2.70 mm	0.1044 — 0.1063 in.
No.2 Hub sleeve	Mark 4	1.90 — 1.95 mm	0.0748 — 0.0768 in.
No.2 Hub sleeve	Mark 5	1.95 — 2.00 mm	0.0768 — 0.0787 in.
No.2 Hub sleeve	Mark 6	2.00 — 2.05 mm	0.0787 — 0.0807 in.
No.2 Hub sleeve	Mark 7	2.05 — 2.10 mm	0.0807 — 0.0827 in.
No.2 Hub sleeve	Mark 8	2.10 — 2.15 mm	0.0827 — 0.0847 in.
No.2 Hub sleeve	Mark 9	2.15 — 2.20 mm	0.0847 — 0.0866 in.
No.1 Hub sleeve	Mark A	2.90 — 2.95 mm	0.1142 — 0.1162 in.
No.1 Hub sleeve	Mark B	2.95 — 3.00 mm	0.1162 — 0.1181 in.
No.1 Hub sleeve	Mark C	3.00 — 3.05 mm	0.1181 — 0.1201 in.
No.1 Hub sleeve	Mark D	3.05 — 3.10 mm	0.1201 — 0.1220 in.
No.1 Hub sleeve	Mark E	3.10 — 3.15 mm	0.1220 — 0.1240 in.
No.1 Hub sleeve	Mark F	3.15 — 3.20 mm	0.1240 — 0.1260 in.
Rear bearing	Mark A	2.40 — 2.45 mm	0.0945 — 0.0965 in.
Rear bearing	Mark B	2.45 — 2.50 mm	0.0965 — 0.0984 in.
Rear bearing	Mark C	2.50 — 2.55 mm	0.0984 — 0.1004 in.
Rear bearing	Mark D	2.55 — 2.60 mm	0.1004 — 0.1024 in.
Rear bearing	Mark E	2.60 — 2.65 mm	0.1024 — 0.1044 in.
Rear bearing	Mark F	2.65 — 2.70 mm	0.1044 — 0.1063 in.
Rear bearing	Mark G	2.70 — 2.75 mm	0.1063 — 0.1083 in.
Rear bearing	Mark H	2.75 — 2.80 mm	0.1083 — 0.1102 in.

TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Transfer x Transmission	69	700	51
Engine rear mounting x Transfer adapter	59	600	43
Transmission x Engine	72	730	53
Crossmember x Body	39	400	29
Crossmember x Engine rest mounting	76	780	56
Stabirizer bracket x Axle housing	28	290	21
Exhaust pipe bracket x Clutch housing	39	400	29
Exhaust pipe clamp	19	195	14
Exhaust center pipe	39	400	29
Transmission x Starter	39	400	29
Clutch release cylinder set bolt	12	120	9
Shift lever control retainer x Transmission case	17	170	12
Front propeller shaft x Front differential	74	750	54
Front propeller shaft x Transfer	74	750	54
Rear propeller shaft x Rear differential	88	900	65
Rear propeller shaft x Transfer	88	900	65