SERVICE SPECIFICATIONS

SERVICE DATA

Output shaft 1st gear journal diameter	Limit	49.979 mm	1.9677 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	0.05 mm	0.0020 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			
(H150F)			
	Limit	1.1 mm	0.0433 in.
Synchronizer ring for 2nd gear clearance			
(H150F)			
	Limit	0.85 mm	0.0335 in.
Synchronizer ring for 3rd gear clearance			
(H150F)			
	Limit	0.8 mm	0.0315 in.
Synchronizer ring for 1st and 2nd gear clearance			
(H151F)			
	Limit	0.85 mm	0.0335 in.
Synchronizer ring for 3rd gear clearance			
(H151F)			
	Limit	0.75 mm	0.0295 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.

Output shaft snap ring thickness			
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.