

# SERVICE SPECIFICATIONS

## SERVICE DATA

Output shaft	Output shaft bearing thrust clearance		Less than 0.10 mm (0.0039 in.)	
	Output shaft snap ring thickness	Mark		
		0	2.40–2.45 mm	0.0945–0.0965 in.
		1	2.45–2.50 mm	0.0965–0.0984 in.
		2	2.50–2.55 mm	0.0984–0.1004 in.
		3	2.55–2.60 mm	0.1004–0.1024 in.
		4	2.60–2.65 mm	0.1024–0.1043 in.
		5	2.65–2.70 mm	0.1043–0.1063 in.
	Output shaft runout	Limit	0.03 mm	0.0012 in.
	Output shaft outer diameter	Limit	Part A	44.984 mm
			Part B	34.984 mm
				1.7710 in.
				1.3773 in.
	Low gear to output shaft radial clearance	STD	0.010–0.055 mm	0.0004–0.0022 in.
Low gear thrust clearance		Limit	0.075 mm	0.0030 in.
		STD	0.10–0.25 mm	0.0039–0.0098 in.
	Drive gear to output shaft radial clearance	Limit	0.30 mm	0.0118 in.
		STD	0.009–0.051 mm	0.0004–0.0020 in.
	Drive gear thrust clearance	Limit	0.071 mm	0.0028 in.
		STD	0.09–0.27 mm	0.0035–0.0106 in.
		Limit	0.32 mm	0.0126 in.
Input shaft	Input shaft bearing thrust clearance		Less than 0.15 mm (0.0059 in.)	
	Input shaft snap ring thickness	Mark		
		1	2.05–2.10 mm	0.0807–0.0827 in.
		3	2.15–2.20 mm	0.0846–0.0866 in.
		5	2.25–2.30 mm	0.0886–0.0906 in.
Counter shaft	Counter shaft bearing thrust clearance		Less than 0.15 mm (0.0059 in.)	
	Counter shaft snap ring thickness	Mark		
		1	2.10–2.15 mm	0.0827–0.0846 in.
		3	2.20–2.25 mm	0.0866–0.0886 in.
Idler gear shaft	Idler gear shaft bearing thrust clearance		Less than 0.15 mm (0.0059 in.)	
	Idler gear shaft snap ring thickness	Mark		
		A	1.50–1.55 mm	0.0591–0.0610 in.
		B	1.60–1.65 mm	0.0630–0.0650 in.
	Shift fork to hub sleeve clearance	Limit	1.0 mm	0.039 in.
	Speedometer driven gear oil seal depth		20 mm	0.79 in.
	Front drive gear oil seal depth		7 mm	0.28 in.

## TORQUE SPECIFICATIONS

Part tightened	N·m	kgf·cm	ft·lbf
Adaptor x Reduction gear case	39	400	29
Reduction gear case x Front case x Rear case	37	380	27
Rear case x Extension housing	39	400	29
Front case x Rear case (A) bolt	39	400	29
(B) bolt	37	380	27
Reduction case x Front case	39	400	29
Reduction case x Transfer case cover	8.8	90	78 in·lbf
Output shaft x Companion flange	123	1,250	90
Front drive gear bearing retainer x Front case	18	185	13
Front case x Bearing retainer	18	185	13
Straight screw plug	12	120	9
Transfer indicator switch	34	350	25
Speedometer driven gear lock plate	11	115	8