

TRANSFER**Specifications**

Oil pump body	Body clearance	STD	0.075 – 0.17 mm	0.0030 – 0.0067 in.	
		Limit	0.40 mm	0.0157 in.	
	Tip clearance	STD	0.10 – 0.22 mm	0.0039 – 0.0087 in.	
		Limit	0.40 mm	0.0157 in.	
	Side clearance	STD	0.03 – 0.13 mm	0.0012 – 0.0051 in.	
		Limit	0.40 mm	0.0157 in.	
Front output assembly	Drive sprocket thrust clearance	STD	0.10 – 0.25 mm	0.0039 – 0.0098 in.	
		Limit	0.40 mm	0.0157 in.	
	Driven sprocket oil clearance	STD	0.010 – 0.057 mm	0.0004 – 0.0022 in.	
		Limit	0.15 mm	0.0059 in.	
	Front output shaft journal diameter	Limit	36.930 mm	1.4539 in.	
	Synchronizer ring to sprocket clearance	STD	1.1 – 1.9 mm	0.043 – 0.075 in.	
		Limit	0.8 mm	0.031 in.	
	No.1 shift fork to No.2 hub sleeve clearance	Limit	1.0 mm	0.039 in.	
		Mark			
	1	1.95 – 2.00 mm	0.0768 – 0.0787 in.		
	2	2.00 – 2.05 mm	0.0787 – 0.0807 in.		
	3	2.05 – 2.10 mm	0.0807 – 0.0827 in.		
	4	2.10 – 2.15 mm	0.0827 – 0.0846 in.		
	5	2.15 – 2.20 mm	0.0846 – 0.0866 in.		
	6	2.20 – 2.25 mm	0.0866 – 0.0886 in.		
	7	2.25 – 2.30 mm	0.0886 – 0.0906 in.		
	8	2.30 – 2.35 mm	0.0906 – 0.0925 in.		
	9	2.35 – 2.40 mm	0.0925 – 0.0945 in.		
	10	2.40 – 2.45 mm	0.0945 – 0.0965 in.		
	11	2.45 – 2.50 mm	0.0965 – 0.0984 in.		
	12	2.50 – 2.55 mm	0.0984 – 0.1004 in.		
Rear output assembly	Drive sprocket thrust clearance	STD	0.10 – 0.25 mm	0.0039 – 0.0098 in.	
		Limit	0.40 mm	0.0157 in.	
	Drive sprocket oil clearance	STD	0.010 – 0.057 mm	0.0004 – 0.0022 in.	
		Limit	0.15 mm	0.0059 in.	
	Rear output shaft journal outer diameter	Part			
		A	Limit	27.930 mm	1.0996 in.
		B	Limit	38.900 mm	1.5315 in.
		C	Limit	36.930 mm	1.4539 in.
	No.1 shift fork to No.1 hub sleeve clearance	Limit	1.0 mm	0.039 in.	
		Limit	1.0 mm	0.039 in.	
	No.2 shift fork to high and low hub sleeve clearance	Limit	1.0 mm	0.039 in.	
		Limit	1.0 mm	0.039 in.	

Specifications (Cont'd)

Input shaft	Input shaft journal outer diameter			
	Part A	Limit	47.540 mm	1.8716 in.
Planetary gear	Pinion gear thrust clearance	STD	0.11 – 0.86 mm	0.0043 – 0.0339 in.
		Limit	1.00 mm	0.0394 in.
	Pinion gear oil clearance	STD	0.009 – 0.038 mm	0.0004 – 0.0015 in.
		Limit	0.08 mm	0.0031 in.
	Outer bearing snap ring thickness	Mark		
		1	1.45 – 1.50 mm	0.0571 – 0.0591 in.
		2	1.50 – 1.55 mm	0.0591 – 0.0610 in.
		3	1.55 – 1.60 mm	0.0610 – 0.0630 in.
		4	1.60 – 1.65 mm	0.0630 – 0.0650 in.
		5	1.65 – 1.70 mm	0.0650 – 0.0669 in.
	Inner bearing depth		5.0 – 5.6 mm	0.197 – 0.220 in.
Transfer shift lever	Console box to the screw tip of the shift lever	STD	90 mm	3.54 in.
No.2 and No.4 VSV	Resistance	1 – 2	39 ± 3 Ω	
Diaphragm cylinder body		Condition		
	Diaphragm cylinder body air thickness	Vacuum in diaphragm 500 mmHg (19.7 in.Hg, 66.7 kPa) for 30 seconds		No charge
Vacuum tank and line	Vacuum tank air thickness	Vacuum in vacuum tank 500 mmHg (19.7 in.Hg, 66.7 kPa) for 30 seconds		No charge
	Vacuum line air pressure	Engine idling		About 400 mmHg (15.75 in.Hg, 53.3 kPa)

Torque Specifications

Part tightened	kg-cm	ft-lb	N-m
Transfer			
Diaphragm cylinder x Rear case	175	13	17
Diaphragm cylinder cover	175	13	17
Oil pump cover	75	65 in.-lb	7.4
Straight screw plug for oil pump body	175	13	17
Straight screw plug for high and low shift fork shaft	175	13	17
Straight screw plug for front drive shift fork shaft	175	13	17
Oil receiver	50	43 in.-lb	4.9
Oil strainer	50	43 in.-lb	4.9
Rear case x Front case	380	27	37
Extension housing x Rear case	115	8	11
Companion flange lock nut	1,250	90	123
Oil pump body x Front case	115	8	11
Speedometer driven gear lock plate x Extension housing	115	8	11
Transfer indicator switch x Front case	400	29	39

Torque Specifications (Cont'd)

Part tightened	kg-cm	ft-lb	N-m
Installation of transfer			
Transfer x Transmission	380	27	37
Engine rear mounting x Transfer	480	35	47
Engine rear mounting set bolt	500	36	49
Transfer x Propeller shaft	750	54	74
Propeller shaft x Front differential	750	54	74
Stabilizer bar bracket	185	13	18
Transfer shift lever and control cable			
Transfer shift lever assembly x Body	120	9	12
Shift lever control retainer x Shift lever	120	9	12
Control cable clamp x Body	120	9	12