TRANSFER (VF2A)

03153–01

SERVICE DATA

Rear output shaft		
Drive sprocket thrust clearance	STD	0.10 – 0.25 mm (0.0039 – 0.0098 in.)
	Max.	0.25 mm (0.0098 in.)
Rear output shaft journal outer diameter		
(part A)	Min.	27.98 mm (1.1016 in.)
(part B)	Min.	36.98 mm (1.4561 in.)
Drive sprocket radial clearance	STD	0.010 – 0.055 mm (0.0004 – 0.0022 in.)
	Max.	0.055 mm (0.0022 in.)
Front drive shift fork to clutch sleeve clearance	Max.	1.0 mm (0.039 in.)
High and low shift fork to clutch sleeve clearance	Max.	1.0 mm (0.039 in.)
Rear output shaft snap ring thickness	Mark	
	A	2.10 – 2.15 mm (0.0827 – 0.0846 in.)
	B	2.15 – 2.20 mm (0.0846 – 0.0866 in.)
	C	2.20 – 2.25 mm (0.0866 – 0.0886 in.)
	D	2.25 – 2.30 mm (0.0886 – 0.0906 in.)
	E	2.30 – 2.35 mm (0.0906 – 0.0925 in.)
	F	2.35 – 2.40 mm (0.0925 – 0.0945 in.)
	G	2.40 – 2.45 mm (0.0945 – 0.0965 in.)
	H	2.45 – 2.50 mm (0.0965 – 0.0984 in.)
	J	2.50 – 2.55 mm (0.0984 – 0.1004 in.)
	K	2.00 – 2.05 mm (0.0787 – 0.0807 in.)
	L	2.05 – 2.10 mm (0.0807 – 0.0827 in.)
Input shaft		
Input shaft journal outer diameter	Min.	47.59 mm (1.8736 in.)
Input shaft bushing diameter	Max.	39.14 mm (1.5409 in.)
Synchronizer ring to sprocket clearance	STD	1.05 – 1.85 mm (0.0413 – 0.0728 in.)
	Min.	0.80 mm (0.0315 in.)
Input shaft snap ring thickness	Mark	
	A	2.10 – 2.15 mm (0.0827 – 0.0846 in.)
	B	2.15 – 2.20 mm (0.0846 – 0.0866 in.)
	C	2.20 – 2.25 mm (0.0866 – 0.0886 in.)
	D	2.25 – 2.30 mm (0.0886 – 0.0906 in.)
	E	2.30 – 2.35 mm (0.0906 – 0.0925 in.)
	F	2.35 – 2.40 mm (0.0925 – 0.0945 in.)
	G	2.40 – 2.45 mm (0.0945 – 0.0965 in.)
	H	2.45 – 2.50 mm (0.0965 – 0.0984 in.)
	J	2.50 – 2.55 mm (0.0984 – 0.1004 in.)
	K	2.55 – 2.60 mm (0.1004 – 0.1024 in.)
	L	2.60 – 2.65 mm (0.1024 – 0.1043 in.)
	M	2.65 – 2.70 mm (0.1043 – 0.1063 in.)
	N	2.70 – 2.75 mm (0.1063 – 0.1083 in.)
	P	2.75 – 2.80 mm (0.1083 – 0.1102 in.)
	Q	2.80 – 2.85 mm (0.1102 – 0.1122 in.)
	R	2.85 – 2.90 mm (0.1122 – 0.1142 in.)
	S	2.90 – 2.95 mm (0.1142 – 0.1161 in.)
	T	2.95 – 3.00 mm (0.1161 – 0.1181 in.)
	U	3.00 – 3.05 mm (0.1181 – 0.1201 in.)

Planetary gear		
Pinion gear thrust clearance	STD	0.11 – 0.84 mm (0.0043 – 0.0331 in.)
	Max.	0.84 mm (0.0331 in.)
Pinion gear radial clearance	STD	0.009 – 0.038 mm (0.0004 – 0.0015 in.)
	Max.	0.038 mm (0.0015 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 press in depth		7.7 – 8.3 mm (0.303 – 0.327 in.)
Oil seal		
Shift fork shaft oil seal drive in depth		–0.5 – 0.5 mm (–0.020 – 0.020 in.)