## VF2BM TRANSFER SERVICE DATA

Standard	Rear output shaft		
Maximum   0.25 mm (0.098 in.)	Drive eprocket thrust clearance	Standard	0.10 to 0.25 mm (0.0039 to 0.0098 in.)
Part A   Minimum   27.98 mm (1.1016 in.)	Drive sprocket tillust clearance	Maximum	0.25 mm (0.0098 in.)
Ceart B   Minimum   36.98 mm (1.4961 in.)	, ,	Minimum	27.98 mm (1.1016 in.)
Drive sprocket radial clearance   Maximum   0.055 mm (0.0022 in.)	·	Minimum	36.98 mm (1.4561 in.)
Maximum   0.055 mm (0.0022 in.)	Drive sprocket radial clearance	Standard	0.010 to 0.055 mm (0.0004 to 0.0022 in.)
Shift fork No. 2 to high and low clutch sleeve clearance		Maximum	0.055 mm (0.0022 in.)
Mark A   2.10 to 2.15 mm (0.0827 to 0.0846 in.)	Shift fork No. 1 to drive clutch sleeve clearance	Maximum	1.0 mm (0.039 in.)
Mark B       2.15 to 2.20 mm (0.0846 to 0.0866 in.)         Mark C       2.20 to 2.25 mm (0.0866 to 0.0886 in.)         Mark D       2.25 to 2.30 mm (0.0986 to 0.0906 in.)         Mark E       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0925 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)         Mark H       2.45 to 2.50 mm (0.0945 to 0.0984 in.)         Mark J       2.50 to 2.55 mm (0.0984 to 0.1004 in.)         Mark L       2.05 to 2.05 mm (0.0787 to 0.0807 in.)         Mark L       2.05 to 2.10 mm (0.0807 to 0.0827 in.)         Input shaft       Minimum       47.59 mm (1.8736 in.)         Input shaft bushing diameter       Maximum       39.14 mm (1.5409 in.)         Mark A       2.10 to 2.15 mm (0.0827 to 0.0846 in.)         Mark B       2.15 to 2.20 mm (0.0846 to 0.0866 in.)         Mark C       2.20 to 2.25 mm (0.0866 to 0.0886 in.)         Mark D       2.25 to 2.30 mm (0.0866 to 0.0906 in.)         Mark F       2.35 to 2.40 mm (0.0925 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)	Shift fork No. 2 to high and low clutch sleeve clearance	Maximum	1.0 mm (0.039 in.)
Mark C   2.20 to 2.25 mm (0.0866 to 0.0886 in.)		Mark A	2.10 to 2.15 mm (0.0827 to 0.0846 in.)
Mark D   2.25 to 2.30 mm (0.0886 to 0.0906 in.)     Mark E   2.30 to 2.35 mm (0.0906 to 0.0925 in.)     Mark F   2.35 to 2.40 mm (0.0925 to 0.0945 in.)     Mark G   2.40 to 2.45 mm (0.0925 to 0.0945 in.)     Mark H   2.45 to 2.50 mm (0.0965 to 0.0984 in.)     Mark J   2.50 to 2.55 mm (0.0984 to 0.1004 in.)     Mark K   2.00 to 2.05 mm (0.0787 to 0.0807 in.)     Mark L   2.05 to 2.10 mm (0.0807 to 0.0827 in.)     Input shaft     Input shaft journal outer diameter   Minimum   47.59 mm (1.8736 in.)     Input shaft bushing diameter   Maximum   39.14 mm (1.5409 in.)     Mark A   2.10 to 2.15 mm (0.0827 to 0.0846 in.)     Mark B   2.15 to 2.20 mm (0.0846 to 0.0866 in.)     Mark C   2.20 to 2.25 mm (0.0866 to 0.0886 in.)     Mark D   2.25 to 2.30 mm (0.0886 to 0.0906 in.)     Mark E   2.30 to 2.35 mm (0.0906 to 0.0925 in.)     Mark F   2.35 to 2.40 mm (0.0925 to 0.0945 in.)     Mark G   2.40 to 2.45 mm (0.0945 to 0.0965 in.)	Rear output shaft snap ring thickness	Mark B	2.15 to 2.20 mm (0.0846 to 0.0866 in.)
Mark E   2.30 to 2.35 mm (0.0906 to 0.0925 in.)		Mark C	2.20 to 2.25 mm (0.0866 to 0.0886 in.)
Mark F   2.35 to 2.40 mm (0.0925 to 0.0945 in.)		Mark D	2.25 to 2.30 mm (0.0886 to 0.0906 in.)
Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)         Mark H       2.45 to 2.50 mm (0.0965 to 0.0984 in.)         Mark J       2.50 to 2.55 mm (0.0984 to 0.1004 in.)         Mark K       2.00 to 2.05 mm (0.0787 to 0.0807 in.)         Mark L       2.05 to 2.10 mm (0.0807 to 0.0827 in.)         Input shaft         Input shaft journal outer diameter       Minimum       47.59 mm (1.8736 in.)         Input shaft bushing diameter       Maximum       39.14 mm (1.5409 in.)         Mark A       2.10 to 2.15 mm (0.0827 to 0.0846 in.)         Mark B       2.15 to 2.20 mm (0.0846 to 0.0866 in.)         Mark C       2.20 to 2.25 mm (0.0866 to 0.0886 in.)         Mark D       2.25 to 2.30 mm (0.0886 to 0.0906 in.)         Mark E       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0945 to 0.0965 in.)		Mark E	2.30 to 2.35 mm (0.0906 to 0.0925 in.)
Mark H 2.45 to 2.50 mm (0.0965 to 0.0984 in.)  Mark J 2.50 to 2.55 mm (0.0984 to 0.1004 in.)  Mark K 2.00 to 2.05 mm (0.0787 to 0.0807 in.)  Mark L 2.05 to 2.10 mm (0.0807 to 0.0827 in.)  Input shaft  Input shaft journal outer diameter Minimum 47.59 mm (1.8736 in.)  Input shaft bushing diameter Maximum 39.14 mm (1.5409 in.)  Mark A 2.10 to 2.15 mm (0.0827 to 0.0846 in.)  Mark B 2.15 to 2.20 mm (0.0846 to 0.0866 in.)  Mark C 2.20 to 2.25 mm (0.0866 to 0.0866 in.)  Mark D 2.25 to 2.30 mm (0.0886 to 0.0906 in.)  Mark E 2.30 to 2.35 mm (0.0906 to 0.0925 in.)  Mark G 2.40 to 2.45 mm (0.0945 to 0.0945 in.)		Mark F	2.35 to 2.40 mm (0.0925 to 0.0945 in.)
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Mark K       2.00 to 2.05 mm (0.0787 to 0.0807 in.)         Mark L       2.05 to 2.10 mm (0.0807 to 0.0827 in.)         Input shaft         Input shaft journal outer diameter       Minimum       47.59 mm (1.8736 in.)         Input shaft bushing diameter       Maximum       39.14 mm (1.5409 in.)         Mark A       2.10 to 2.15 mm (0.0827 to 0.0846 in.)         Mark B       2.15 to 2.20 mm (0.0846 to 0.0866 in.)         Mark C       2.20 to 2.25 mm (0.0866 to 0.0986 in.)         Mark B       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0945 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark H	2.45 to 2.50 mm (0.0965 to 0.0984 in.)
Mark L   2.05 to 2.10 mm (0.0807 to 0.0827 in.)		Mark J	2.50 to 2.55 mm (0.0984 to 0.1004 in.)
Input shaft Input shaft journal outer diameter  Minimum  47.59 mm (1.8736 in.)  Input shaft bushing diameter  Maximum  39.14 mm (1.5409 in.)  Mark A  2.10 to 2.15 mm (0.0827 to 0.0846 in.)  Mark B  2.15 to 2.20 mm (0.0846 to 0.0866 in.)  Mark C  2.20 to 2.25 mm (0.0866 to 0.0886 in.)  Mark D  2.25 to 2.30 mm (0.0886 to 0.0906 in.)  Mark E  2.30 to 2.35 mm (0.0906 to 0.0925 in.)  Mark F  2.35 to 2.40 mm (0.0945 to 0.0965 in.)		Mark K	2.00 to 2.05 mm (0.0787 to 0.0807 in.)
Input shaft journal outer diameter   Minimum   47.59 mm (1.8736 in.)		Mark L	2.05 to 2.10 mm (0.0807 to 0.0827 in.)
Input shaft bushing diameter  Maximum  39.14 mm (1.5409 in.)  Mark A  2.10 to 2.15 mm (0.0827 to 0.0846 in.)  Mark B  2.15 to 2.20 mm (0.0846 to 0.0866 in.)  Mark C  2.20 to 2.25 mm (0.0866 to 0.0886 in.)  Mark D  2.25 to 2.30 mm (0.0886 to 0.0906 in.)  Mark E  2.30 to 2.35 mm (0.0906 to 0.0925 in.)  Mark F  2.35 to 2.40 mm (0.0925 to 0.0945 in.)  Mark G  2.40 to 2.45 mm (0.0945 to 0.0965 in.)	Input shaft	<b>"</b>	
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Mark C       2.20 to 2.25 mm (0.0866 to 0.0886 in.)         Mark D       2.25 to 2.30 mm (0.0886 to 0.0906 in.)         Mark E       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0925 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark A	2.10 to 2.15 mm (0.0827 to 0.0846 in.)
Mark D       2.25 to 2.30 mm (0.0886 to 0.0906 in.)         Mark E       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0925 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark B	2.15 to 2.20 mm (0.0846 to 0.0866 in.)
Mark E       2.30 to 2.35 mm (0.0906 to 0.0925 in.)         Mark F       2.35 to 2.40 mm (0.0925 to 0.0945 in.)         Mark G       2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark C	2.20 to 2.25 mm (0.0866 to 0.0886 in.)
Mark F 2.35 to 2.40 mm (0.0925 to 0.0945 in.)  Mark G 2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark D	2.25 to 2.30 mm (0.0886 to 0.0906 in.)
Mark G 2.40 to 2.45 mm (0.0945 to 0.0965 in.)		Mark E	2.30 to 2.35 mm (0.0906 to 0.0925 in.)
		Mark F	2.35 to 2.40 mm (0.0925 to 0.0945 in.)
Mark H 2.45 to 2.50 mm (0.0965 to 0.0984 in.)		Mark G	2.40 to 2.45 mm (0.0945 to 0.0965 in.)
		Mark H	2.45 to 2.50 mm (0.0965 to 0.0984 in.)
Mark J 2.50 to 2.55 mm (0.0984 to 0.1004 in.)		Mark J	2.50 to 2.55 mm (0.0984 to 0.1004 in.)
Input gear stopper shaft snap ring thickness  Mark K  2.55 to 2.60 mm (0.1004 to 0.1024 in.)	Input gear stopper shaft snap ring thickness	Mark K	2.55 to 2.60 mm (0.1004 to 0.1024 in.)
Mark L 2.60 to 2.65 mm (0.1024 to 0.1043 in.)		Mark L	2.60 to 2.65 mm (0.1024 to 0.1043 in.)
Mark M 2.65 to 2.70 mm (0.1043 to 0.1063 in.)		Mark M	2.65 to 2.70 mm (0.1043 to 0.1063 in.)
Mark N 2.70 to 2.75 mm (0.1063 to 0.1083 in.)		Mark N	2.70 to 2.75 mm (0.1063 to 0.1083 in.)
Mark P 2.75 to 2.80 mm (0.1083 to 0.1102 in.)		Mark P	2.75 to 2.80 mm (0.1083 to 0.1102 in.)
Mark Q 2.80 to 2.85 mm (0.1102 to 0.1122 in.)		Mark Q	2.80 to 2.85 mm (0.1102 to 0.1122 in.)
Mark R 2.85 to 2.90 mm (0.1122 to 0.1142 in.)		Mark R	2.85 to 2.90 mm (0.1122 to 0.1142 in.)
Mark S 2.90 to 2.95 mm (0.1142 to 0.1161 in.)		Mark S	2.90 to 2.95 mm (0.1142 to 0.1161 in.)
Mark T 2.95 to 3.00 mm (0.1161 to 0.1181 in.)		Mark T	2.95 to 3.00 mm (0.1161 to 0.1181 in.)
Mark U 3.00 to 3.05 mm (0.1181 to 0.1201 in.)		Mark U	3.00 to 3.05 mm (0.1181 to 0.1201 in.)
Transfer RH bearing retainer oil seal drive in depth  Oil seal A  10.5 to 11.5 mm (0.413 to 0.453 in.)	Transfer RH bearing retainer oil seal drive in depth (RA60F transmission)	Oil seal A	10.5 to 11.5 mm (0.413 to 0.453 in.)
		Oil seal B	0.5 to 1.0 mm (0.020 to 0.039 in.)
Planetary gear	Planetary gear		

SS

Pinion gear thrust clearance	Standard	0.11 to 0.84 mm (0.0043 to 0.0331 in.)
	Maximum	0.84 mm (0.0331 in.)
Pinion gear radial clearance	Standard	0.009 to 0.038 mm (0.0004 to 0.0015 in.)
	Maximum	0.038 mm (0.0015 in.)
Outer bearing snap ring thickness	Mark 1	1.45 to 1.50 mm (0.0571 to 0.0591 in.)
	Mark 2	1.50 to 1.55 mm (0.0591 to 0.0610 in.)
	Mark 3	1.55 to 1.60 mm (0.0610 to 0.0630 in.)
	Mark 4	1.60 to 1.65 mm (0.0630 to 0.0650 in.)
	Mark 5	1.65 to 1.70 mm (0.0650 to 0.0669 in.)
Low planetary gear bearing press in depth	-	7.7 to 8.3 mm (0.303 to 0.327 in.)

SS