TRANSFER (RF1A)

SERVICE DATA

SS09S-01

Output shaft		
Output shaft journal diameter		
Part A	Maximum	44.984 mm (1.7710 in.)
Part B	Maximum	34.984 mm (1.3773 in.)
Output shaft runout	Maximum	0.03 mm (0.0012 in.)
Low gear radial clearance	STD	0.010 – 0.055 mm (0.0004 – 0.0022 in.)
	Maximum	0.075 mm (0.0030 in.)
Low gear thrust clearance	STD	0.10 – 0.25 mm (0.0039 – 0.0098 in.)
	Maximum	0.30 mm (0.0118 in.)
Drive gear radial clearance	STD	0.009 – 0.051 mm (0.0004 – 0.0020 in.)
	Maximum	0.071 mm (0.0028 in.)
Drive gear thrust clearance	STD	0.009 – 0.27 mm (0.0004 – 0.0106 in.)
	Maximum	0.32 mm (0.0126 in.)
No.1 shift fork to clutch sleeve clearance	Maximum	1.0 mm (0.039 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.)
Input gear		
No.2 shift fork to clutch sleeve clearance	Maximum	1.0 mm (0.039 in.)
Input gear 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.)
Idler gear		
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.)
Counter gear		
Counter gear 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.)
Oil seal		
Speedometer driven gear oil seal depth		20 mm (0.79 in.)

S60BT-01

TORQUE SPECIFICATION

Part tightened	N·m	kgf·cm	ft·lbf
Propeller shaft No.2 dust cover	17	175	13
Propeller shaft dust cover	23	230	17
Crossmember x Engine rear mounting	13	130	9
Crossmember x Frame	95	970	70
Engine rear mounting x Transmission	40	410	30
Transfer x Transfer adaptor	37	380	27
Speedometer driven gear set bolt	11.5	115	8
4WD position switch	34	350	25
Companion flange lock nut	123	1,250	90
Extension housing x Rear case	39	400	29
Front case x rear case	39	400	29
Bearing retainer x Front case	18	185	13
Transfer case cover x Reduction gear case	8.8	90	78 in.·lbf
Straight screw plug	12	120	9
Front case x Reduction gear case	39	400	29