

9. TRANSMISSION

MAINTENANCE INFORMATION.....	9 - 1	TRANSMISSION INSPECTION	9 - 4
TROUBLE SHOOTING.....	9 - 2	TRANSMISSION REPLACEMENT	9 - 5
TRANSMISSION REMOVAL	9 - 3	TRANSMISSION INSTALLATION	9 - 8

MAINTENANCE INFORMATION:

Warnings:

- * Perform all maintenance with vehicle in an upright position
- * Before removing transmission, remove the following parts:
 - clutch (section 8)
 - kickstarter (section 8)
 - gearshift linkage (section 8)

: mm

ITEM		STANDARD	SERVICE LIMIT	
Mainshaft	Backlash	0.044 - 0.133	0.30	
Countershaft	Gear I.D	M 5	28.000 - 28.021	
		M 6	28.000 - 28.021	
		C 1	23.000 - 23.021	
		C 2	28.000 - 28.021	
		C 3	28.000 - 28.021	
		C 4	28.000 - 28.021	
	Gear Collar	M 5 I.D	25.000 - 25.021	
		M 5 O.D	27.959 - 27.980	
		M 6 O.D	27.959 - 27.980	
		C 1 O.D	22.959 - 22.980	
		C 1 I.D	20.020 - 20.041	
		C 2 O.D	27.959 - 27.980	
		C 2 I.D	25.000 - 25.021	
		C 3 O.D	27.959 - 27.980	
	Mainshaft O.D	M 5	24.980 - 24.993	
		Countershaft O.D	C 1	19.980 - 19.993
	Shift fork	Hook width		5.93 - 6.00
			I.D	11.000 - 11.021
Fork shaft O.D		11.966 - 11.984	11.94	
Shift drum O.D		11.966 - 11.984	11.94	

TOOLS

Special Tools

Bearing remover	07936-3710300
Remover handle	07936-3710100
Remover sliding weight	07741-0010201
Driver handle	07949-3710001

Standard Tools

Outer driver (37x40mm)	07746-0010200
Outer driver (42x47mm)	07746-0010300
Outer driver (62x68mm)	07746-0010500
Pilot (20mm)	07746-0040500
Pilot (25mm)	07746-0040600
Driver handle A	07749-0010000
Driver handle C	07746-0030100
Inner driver (25mm)	07746-0030200