

Bill of Materials
Organized by Assembly

6-2	6-3	6-4	6-5	6-6
Crankshaft	Shift Roller	Engine Casing	Oil Pumps	Shift Arrester
Balancer shaft		2 M6X30 6 M6X45 4 M6X60 1 M6X75	Oil Pump Shaft Needle Roller X2 Outer Rotor Inner Rotor Oil Pump Casing	Disk Locking Lever Locking Lever Spring Locking Spring Sleeve 1 M5X20
6-Speed Main Shaft		Engine case gasket	2 M5X12	Shift Locating Drum
Split Needle Bearing X2		Free Wheel Gear	Oil Pump Wheel	1 M6X30
Stop Disk X3		Free Wheel Gear Hub	Stop Disk	Return Spring
Circlip X2		Free Wheel Gear Bolts X6	Tab Washer	Casing Nose
5th speed idler gear		Spreader Ring	Oil Pump Cover	
3rd speed sliding gear			2 M5X16	
4th speed sliding gear				
6th speed idler gear				
2nd speed fixer gear				

Countershaft	6-11	6-12	6-13	6-14
Split needle bearing X4	Camshaft	Cylinder head top	Timing chain tensioner	Custom Flywheel
Stop Disk X3		1 M6X55	Tensioner gasket	Crankshaft fixing bolt
Circlip X3		2 M6X45	2 M6X20	Fixing bolt sealing ring
2nd speed idler gear		2 M6X30	Valve Covers X2	Wave Washer
6th speed sliding gear		1 M6X75	6 M6X20	Collar nut
4th speed idler gear		1 M6X50	Spark Plug	Shaft disc
3rd speed idler gear		Needle roller		Pulse generator
5th speed sliding gear		Water pump wheel		2 M5X16
1st speed idler gear		1 M6X20		Ignition Cover
Shift Forks X2		1 Broken Spring seat		2 M6X30
Springs X4				2 M6X35
Shift Rolls X2				

6-7	6-8	6-9	6-10
E-starter drive gear and kickstarter	Outer Clutch Hub	Timing chain guide	Cylinder-base gasket
Kickstarter idler gear	Supporting plate	Tensioning rail	Piston
E-starter idler gear	Needle bearing	2 M6X25	Cylinder head
Needle bearing	Half disks X2	Timing chain guide	Piston Pin
Reduction gear	Stepped disc	2 M6X16	Wire Clips X2
Spring shackle	Lock washer		Cylinder dowels X2
1 M6X12	Nut		Collar bolts X4
	Collar Nut		2 M6X45
			1 M6X40

6-15	6-16	6-17
Intermediate clutch disk X8	Oil line	Oil Filters X2
Lining clutch discs X7	Jet screw	Oil filter cover X2
Thin clutch disc	Hollow screw	4 M5X16
Driving pin sleeves X12	E-starter motor	Oil drain plug
Pressure cap	2 M6X20	Kickstart
Clutch Springs	Spacer bushing	
Spring retainers	Sprocket	
Collar bolts	Collar screw	
Clutch Cover	Spring retainer	
8 M6X30		
2 M6X35		