

Ref # Part Number	
2 27652 3 27642 4 27876B 5 29536 Blower Housing Baffle (Without electric starter knock out) (Use as required) 5 35256A Blower Housing Baffle (With electric starter knockout) (Use as required) 6 650561 7 29538 8 650542 9 30543 Crankshaft 10 29783 Pin, Crankshaft (Used on early p rod.) 6 670561 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 11 27884 Piston, Pin & Ring Set (Std.) (2-5/8" Bore) 13 34531 Piston, Pin & Ring Set (010" OS) 13A 33312B Piston, Pin & Ring Set (020" OS) 13A 33314B Piston & Pin Ass'y. (010" OS) (Incl. 14) 14 27888 Piston & Pin Ass'y. (020" OS) (Incl. 14) 15 34854 Ring, Piston pin retaining 15 34855 Ring Set (361) (2-5/8" Bore) Ring Set (010" OS) Rod Assy., Connecting (Incl. 17) Rod Assy., Connecting (Incl. 2, pieces) Rod Assy., Connecting (Incl. 2,	
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29 30699C Rod Assy., Governor (Incl. 30 & 31)	
30 30700 Yoke, Governor 31 650494 Screw, 6-40 x 5/16"	
32 28926 Seal, Oil	
33 29642 Ring, Retaining	
34 31845 Shaft, Mechanical governor	
35 30588A Spool, Governor	
36 35479 Washer, Flat	
37 29193 Ring, Retaining	
38 30591 Gear Assy., Governor	
39 31843A Bracket, Governor gear	
40 650836 Screw, 10-24 x 1/2"	
41 32783 Intake Valve (Std.)	
41 32784 Intake Valve (1/32" OS)	

Ref #	Part Number Qt	y Description
42	27878A	Exhaust Valve (Std.)
42	27880A	Exhaust Valve (1/32" OS)
43	27882	Cap, Upper valve spring
44	27881	Spring, valve
45	32581	Cap, Lower valve spring
	33876	Gasket, Stator
	650489	Screw, 1/4-20 x 5/8"
	34240	Ground Wire
	30884	Key, Flywheel
	30968	Nipple, Oil drain 1/4" x 2-1/2"
	30969	Cap, Oil drain
	28938C	Gasket, Cylinder head
	30938A	Head, Cylinder
	34251	Resistor Spark Plug (RJ-17LM)
	610118	Cover, Spark plug (Use as required)
	30939A	Cover Assy., Cylinder head
	650690	Washer, Belleville (Use as required)
	650691	Washer, Flat (Use as required)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650695A	Screw, 5/16-18 x 2-1/4" (Use as required)
	29916	Clamp, Governor lever (Use as required)
	30322	Locknut, 8-32
	33454	Lever Assy., Governor
	29918	
	650548	Washer, Lock, No. 8 E.T.
	29216	Screw, 8-32 x 5/16"
	29826	Locknut, 10-32
		Screw, 10-32 x 3/4"
	34662 34661	Link, Throttle
		Link, Governor
	34664	Control Bracket (Incl. 68, 69, 72 & 1 38)
	31342	Spring, Compression
	650549	Screw, 5-40 x 7/16"
	27793 28942	Clip, Conduit
		Screw, 10-32 x 3/8"
	610973	Terminal Assy. (Use as required)
	27896A	Gasket, Valve chamber cover
	28423	Breather Assy., Valve
	28424	Element, Breather
	28425	Cover, Valve spring box
	650128	Screw, 10-24 x 1/2"
	35350	Tube Breather
	27915A	* Gasket, Intake pipe to cylinder
	34712	Flange, Carburetor (Incl. 86A)
	30196	Screw, 5/16-18 x 3/4"
	31688A	* Gasket, Carburetor
	650517	Screw, 1/4-20 x 13/16"
	27272A	* Air Cleaner Gasket (Use as required)
	30767	Spacer, Cleaner (Use as required)
94A	34819	Elbow Assy., Air cleaner (Incl. 90,91,92,93,94,96) (Use in 730561 assembly only)
101	34158	Bracket, Fuel tank
	650665	Screw, 1/4-14 x 7/8"
	34159	Plate, Fuel tank mounting
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104 34186A	Rof #	Part Number	Otv	Description
were built with different size fuel intel openings.			Qty	
Tanks with the 1-3/16" I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355. 105 410144B 105 33032 Fuel Cap ((White Plastic) ((Stu.) (As req uired) 105 34210 Fuel Cap ((Red Plastic) (Spurt resistant, Low profile) ((Use as required) 105 34210 Fuel Cap (Red Plastic) (Spurt resistant, High profile) ((Use as required) 106 30962 Fuel Cap (Red plastic) ((Use as required) 107 26460 Fuel I.D. (Braided, 32") (Use as required) 108 35260 Fuel I.D. (Use as required) 109 32747B Fuel I.D. (Use as required) 109 29747B Fuel I.D. (Use as required) 110 27930A Face, Exhaust Hange 111 3401 Muffler 111 32401 Muffler 1110 391026 Opt.Spark Arrest Muf. (Incl. 143,143,1 438) 111 32401 Muffler 112 30196 Screw, 5/16-24 x 21/32" 113 26073 Washer, Flat 114 6506944 Screw, 5/16-18 x 3/4" 115 32125 Cup, Starter 116 35009 Screen, Starter cup 117 650815 Washer, Flat 118 8116 Nut, Hex 119 29716 Screw, 1/4-28 x 7/16" 119 3716 Screw, 1/4-28 x 7/16" 119 3706 Screw, 1/4-28 x 7/16" 140 33303 Screen, 5/16-18 x 3/4" 141 37 36438 Knob, Speed control 142 33111 Screen, 1/4-28 x 7/16" 143 3315 Cover & tube, Muffler (Use as required) 144 33700 Cover & tube, Muffler (Use as required) 147 38934 Oil Fill Tube 149 32180C Cover & Tube, Muffler (Use as required) 150 144 33303 Fill Cover Carburetor 147 38934 Primer Assy. 148 34814 Primer Assy. 149 32180C Line, Primer 150 150760 Screw, 8-32 x 3/8" 151 365076 Screw, 8-32 x 3/8" 152 Screw, 1/2-32 x 1/2" 153 28820 Screw, 1/2-32 x 1/2" 154 28820 Screw, 1/2-32 x 1/2" 155 34127 Guarder Feel	101	011007		,
3032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355.				
use fuel cap 35355. 105 410144B 105 33032				
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Fuel Line Braided, 8 1/4") (Use as required)				(Use as required)
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162 34127 Guard, Starter				,
163 32576 Seal, Snow Guard				,
	163	32576		Seal, Snow Guard

	Part Number	Qty Description
	33013	Cover, Starter bubble
	650760	Screw, 8-32 x 3/8"
201	730164	Air Cleaner Ass'y. (Red
		Poly)(Incl.87,120,121,122,123,124 & 230)(As req.)
201	730164	Air Cleaner Kit, Mini bike (Incl.87,120,121,122,123 & 124) (Use as required)
		, ,
201B	730561	Air Cleaner Kit (Incl.74,79,80,87,88,89,90,91,92,94,95,96,97,99,100 & 230C) (Used only on engine with an externally vented fully adjustable carburetor)
201A	730130	Muffler Adapter Kit (Incl.110,112)(As req.)
	34417	Decal, Primer
	34416	Decal, Instruction
	34414	Decal, Warning
	34418	Decal, Choke
	30547A	Breaker Assy (Used on Std. Point igni tion)
	30548B	Condenser
	631021	Inlet, Needle Seat & Clip Assy.
	611077	Alternator (Optional)
	650868	Screw, 8-18 x 1-1/8" (3 required)(Opt .)
	611078	Connector, A.C. Lighting (Optional)
	611079	Connector, D.C. Charging (Optional)
	590610	Tube, Centering (Optional)
	590613	Alternator Shaft (Optional)
250	631927	Carburetor (Incl. 85) (Refer to Division 5, Section A,
		Page 140 for breakdown)
251	610964A	Magneto (w/ring gear for 120 volt sta rter) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 24 for breakdown)
252	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)
254	33328D	Starter Motor Kit (110-120 volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#255). Refer to service number stamped on end cap of motor or on decal for identificat
255	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition before 1982)
255	611042	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above) (Used on Std. point ignition 1982 or later)
255	611085	Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Used on solid state external ignition)
256	33235A	Gasket Set (Incl. items marked*)