

No  
Diagram  
Available  
  
Parts List  
Only

## Engine Parts List

Ref #	Part Number	Qty	Description
1	34172A		Cylinder Assy. (2-3/4" Bore)
2	27652		Pin, Dowel
3A	31462		Bushing, Crankshaft
3	31461		Bushing, Crankshaft
4	32630		Seal, Oil
5	32783		Valve, Intake (Standard)
5	32784		Valve, Intake (1/32" oversize)
6	27878A		Valve, Exhaust (Standard)
6	27880A		Valve, Exhaust (1/32" oversize)
7	27882		Cap, Upper valve spring
8	27881		Spring, Valve
8A	27881		Spring, Valve
9A	32581		Cap, Lower valve spring
9	32581		Cap, Lower valve spring
10	20810		Pin, Valve spring retaining
11	35464		Crankshaft Assy.
12	29783		Pin, Crankshaft gear
13	27884		Gear, Crankshaft
14	34517		Piston, Pin & Ring Assy. (Std.)
14	34518		Piston, Pin & Ring Assy. (.010 overs)
14	34519		Piston, Pin & Ring Assy. (.020 overs)
14A	32592B		Piston & Pin Assy. (Std.) (2-3/4")
14A	32593B		Piston & Pin Assy. (.010 oversize)
14A	32594B		Piston & Pin Assy. (.020 oversize)
15	32595		Ring Set, Piston (Std.) (2-3/4")
15	32596		Ring Set, Piston (.010 oversize)
15	32597		Ring Set, Piston (.020 oversize)
16	27888		Ring, Piston pin retaining
17	32591C		Rod Assy., Connecting
18	650662C		Screw, Connecting rod (Two pieces)
20	650625		Washer, Thrust
21	34034		Lifter, Valve
22	34006		Camshaft (Mech. Compression Release)
23	28926		Camshaft Oil Seal
24	31549		Flange, Mounting
25	31355		Screen, Oil strainer
26	30684		Gasket, Mounting flange
27	29117		Screw, Hex hd. shakeproof, 8-32 x 5/6
34	27897		Seal, Oil
35	650548		Screw, Hex washer hd., 8-32 x 5/16
36	31335		Clamp, Governor
37	27642		Plug, Drain (1/4-18 sq. hd.)
38	31356		Pump Assy., Oil
39	650488		Screw, Hex hd. Sems, 1/4-20 x 1-1/4
43	27275		Clip, Wire retaining
44	29443		Clip, Fuel line
47	32631		Gasket, Cylinder head
48	30938A		Head, Cylinder
49	30939A		Cover, Cylinder head
50	610118		Cover, Spark plug
51	650697A		Screw, Hex flange hd., 5/16-18 x 2-12
52	33636		Plug, Spark (Champion J-8C or equiva)
52	34251		Resistor Spark Plug
53	27896		Gasket, Breather
54	28423		Body, Breather
55	28424		Element, Breather
56	28425		Cover, Valve chamber
57	27627		Tube, Breather

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Ref #	Part Number	Qty	Description
	59 650128		Screw, Fil. hd., 10-24 x 1/2
	60 27915		Gasket, Intake pipe
	61 32632		Pipe, Intake
	64 650378		Screw, Fil. hd. Sems, 5/16-18 x 1-1/8
	65 26756		Gasket, Carburetor
	66 29747B		Screw, Phil. Hex hd. Sems, 5/16-24 x2
	67 32629B		Housing Assy., Blower (5.56 dia. star
69A	650372		Screw, Hex hd. Sems, 1/4-20 x 13/16
	69 32633		Stud, Intake pipe
	70 29752		Nut & Lockwasher, 1/4-28
	76 27261		Washer, Flat
	76 650168		Washer, Flat (1/4 Plain)
	77 27656		Washer, Thrust
	78 650690		Washer, Belleville
	79 650691		Washer, Flat
	84 27272		Gasket, Air cleaner
	85 31691		Bracket, Air cleaner
	86 28820		Screw, Fil. hd. Sems, 10-32 x 1/2
	87 650152		Screw, Fil. hd. Sems, 8-32 x 3/8
	88 30727		Element, Air cleaner (Paper)
	89 730127		Cleaner Assy., Air (Poly)
	89 730164		Cleaner Assy., Air (Paper)
	90 31715		Body, Air cleaner
	95 650489		Screw, Hex hd. Sems, 1/4-20 x 5/8 (S.
	95 650516		Screw, Hex hd. Sems, 1/4-20 x 1-1/8 .
	95 650814		Screw, Hex hd. Sems, 10-24 x 1
	96 650561		Screw, Hex washer hd. Durlok, 1/4-208
97A	29536		Baffle, Blower housing (Without elecc
97A	35256A		Baffle, Blower housing (With electric
	98 32589		Key, Flywheel
	103 31361		Spring, Governor
	104 32582		Link, Governor spring
	105 30669		Rod, Governor
	106 31357		Lever, Governor
	107 28277		Washer, Flat
	108 31823		Link, Throttle
	109 31707A		Governor, Spacer Assy.
	110 30668		Shaft, Mechanical governor
	111 30591		Gear Assy., Governor
	112 29193		Ring, Retaining
	113 30588A		Spool, Governor
	114 30590A		Washer, Flat
	117 30622A		Extension, Blower housing
	118 650128		Screw, Fil. hd. Sems, 10-24 x 1/2
	119 30063		Screw, Hex hd. Sems, 1/4-20 x 1/2
	119 30688		Screw, Hex hd. Sems, 1/4-20 x 1/2
	120 29716		Screw, Pan hd. Sems, 1/4-28 x 7/16
	121 30063		Screw, Hex washer hd., Sems, 1/4-20 2
	121 30688		Screw, Hex hd. Sems, 1/4-20 x 1/2
	124 26460		Clamp, Fuel line
	125 29774		Line, Fuel (Braided 8.25")
	125 30705		Line, Fuel (Braided 16")
	125 30962		Line, Fuel (Braided 32")
	126 32584		Tank Assy., Fuel (White Poly) (2 qt.)
	127 33032		Cap, Fuel filler (Red Plastic) (Spurt
	127 34118		Cap, Fuel filler (Red Plastic) (Spurt
	127 34210		Cap, Fuel filler (Red Plastic) (Spurt
	127 410144B		Cap, Fuel filler (White Plastic) (St)

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Ref #	Part Number	Qty	Description
135	27930		Gasket, Exhaust
136F	391026		Muffler
136	28269		Muffler
137	650696		Screw, Hex hd., 5/16-18 x 2-3/4
138	31588		Plate, Muffler locking
139	8274		Lockwasher
153A	730130		Kit, Muffler adapter
153	31288		Kit, Muffler adapter
154	6021A		Screw, Hex flange hd., 5/16-18 x 1-12
155	650697A		Screw, Hex flange hd., 5/16-18 x 2-12
156	30196		Screw, Fil. hd., 5/16-18 x 3/4
158	35182		Wire, Ground (Male & Female fittings)
159	610973		Terminal Assy.
161	31342		Spring, Compression
162	650549		Screw, Fil. hd., 5-40 x 7/16
163	30200		Screw, Hex washer hd. self-tap, Sems4
164	32410		Knob, Speed control
165	27793		Clip, Conduit
166	28942		Screw, Hex hd. Sems, 10-32 x 3/8
167	32181A		Control Assy., Speed
174	29673		Gasket, Dipstick
175	34165		Dipstick, Oil (Screw In) (2.34" long)
209	33018		Harness Assy., Adapter
219	650815		Washer, Belleville
220	8116		Nut
221	32125		Cup, Starter
222	35009		Screen, Starter cup
226	34443A		Solid State Assy.
227	650872		Stud, Solid State mounting
228	611084		Flywheel
236A	550223		Decal, Name
236	34346		Decal, Instruction
239	631021		Inlet Needle, Seat & Clip Assy.
240	631449		Carburetor
245	590420		Starter, Rewind
247	32386		Starter Motor Kit (110-120 Volt)
247	32901		Starter Motor Kit (110-120 Volt)
247	33328		Starter Motor Kit (110-120 Volt)
247	33328A		Starter Motor Kit (110-120 Volt)
247	33328B		Starter Motor Kit (110-120 Volt)
247	33328C		Starter Motor Kit (110-120 Volt)
247	33518		Starter Motor Kit (110-120 Volt)
247	33518A		Starter Motor Kit (110-120 Volt)
247	33518B		Starter Motor Kit (110-120 Volt)
247	33518B		Starter Motor Kit (110-120 Volt)
248	30811A		Flywheel (Std. Point) (V70 thru typer
248	611042		Flywheel (Std. Point) (V70 type lett)
248	611085		Flywheel (Solid state ignition)
249	33239		Gasket Set