



Ref #	Part Number	Qty	Description
1	33866A	0	Cylinder Assy. (Cast iron liner) (3-1/16"
2	27652	0	Pin, Dowel
3	32590	0	Plate, Lock & Oil dipper
4	32630	0	Seal, Oil
5	33242	0	Valve, Intake (Standard)
5	33243	0	Valve, Intake (1/32" oversize)
6	27878A	0	Valve, Intake (Standard)
6	27880A	0	Valve, Intake (1/32" oversize)
7	27882	0	Cap, Upper valve spring
7A	27882	0	Cap, Upper valve spring
8	27881	0	Spring, Valve
9	32581	0	Cap, Lower valve spring
10	650662B	0	Bolt, Connecting rod
11	33644A	0	Crankshaft Assy.
12	29783	0	Pin, Crankshaft gear
13	33245	0	Gear, Crankshaft
14A	33869B	0	Piston & Pin Assy. (Std.) (3-1/16")
14A	33870B	0	Piston & Pin Assy. (.010 oversize)
14A	33871B	0	Piston & Pin Assy. (.020 oversize)
15	33873	0	Ring Set, Piston (Standard) (3-1/16")
15	33874	0	Ring Set, Piston (.010 oversize)
15	33875	0	Ring Set, Piston (.020 oversize)
16	27888	0	Ring, Piston pin retaining
17	32591C	0	Rod Assy., Connecting
18	32589	0	Key, Flywheel
19A	29443	0	Clip, Fuel line
19	27275	0	Clip, Hi-tension wire
20A	33581	0	Screen, Oil filter
21	34034	0	Lifter, Valve
22	33579	0	Camshaft (Compression Release)
23	33253	0	Gasket, Mounting flange
24	33767	0	Flange, Mounting
25	29117	0	Screw
26	31356	0	Pump Assy., Oil
27	31950	0	Seal, Oil
28	28483	0	Plug, Oil drain (3/8-18 hex countersunk)
28	31927	0	Plug, Oil drain (3/8-18 sq. hd.)
29	650488	0	Screw
30	33992A	0	Tube, Oil filler (Plastic)
33	33589A	0	Dipstick, Oil (Twist Lock)
34	33590	0	"O" Ring
35	30668	0	Shaft, Mechanical governor
36	31707A	0	Spacer Assy., Governor
37	30591	0	Gear Assy., Governor
38	30588A	0	Spool, Governor
39	29193	0	Ring, Retaining
40	33577	0	Rod, Governor
41	32651	0	Lever, Governor
42	31335	0	Clamp, Governor lever
43	650548	0	Screw, Hex washer hd., 8-32 x 5/16
44	28277	0	Washer, Flat
45	30088A	0	Screw, Phil. fil. hd. Sems, 1/4-28 x 1
46	33862	0	Pipe, Intake
47	27915	0	Gasket, Intake pipe
48	33261	0	Bracket, Intake pipe
49	29752	0	Nut
50	30200	0	Screw
52	650738	0	Screw

Engine Parts List #1

Ref #	Part Number	Qty	Description
53	33861	0	Gasket, Carburetor
54	650378	0	Screw
55	650378	0	Screw
56A	610973	0	Terminal Assy.
56	33865B	0	Control Assy., Speed
57A	31342	0	Spring, Compression
58	650549	0	Screw
59	28942	0	Screw
59A	27793	0	Clip, Conduit
60	33151	0	Link, Governor spring
61	31361	0	Spring, Governor
62	33860	0	Link, Throttle
72	33270	0	Gasket, Cylinder head
73	34030	0	Head, Cylinder
74	33272	0	Cover, Cylinder head
75	6021A	0	Screw, Hex flange hd., 5/16-18 x 1-1/2
75	650692	0	Screw, Hex hd., 5/16-18 x 1-3/4
75	650711	0	Screw, Hex hd., 5/16-18 x 1-5/8
75	650727	0	Screw, Special hex hd. tapped, 5/16-18 x
77	650713	0	Screw, Hex hd., 5/16-18 x 5/8
77	650737	0	Screw, Hex washer hd. taptite, 1/4-20 x 1/2
77	650738	0	Screw
79	650691	0	Washer, Flat
80	27896	0	Gasket, Breather cover
81	28423	0	Body, Breather
82	28424	0	Element, Breather
83	650128	0	Screw
84	28425	0	Cover, Valve chamber
85	27627	0	Tube, Breather
86	33636	0	Plug, Spark (Champion J-8 or equivalent)
86	34251	0	Resistor Spark Plug
87	33273	0	Extension, Blower housing
88	30063	0	Screw
89	650128	0	Screw
90	33635A	0	Housing, Blower (6.375 dia. starter mtg.
91	29747A	0	Screw
92	26073	0	Washer, Connecting rod bolt
93	650713	0	Screw, Hex hd., 5/16-18 x 5/8
94	29536	0	Baffle, Blower housing
95	650561	0	Screw
96	29752	0	Nut
97	33583A	0	Tank Assy., Fuel (Charcoal Poly) (2 1/2 qt.)
98	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
98	34118	0	Cap, Fuel filler (Red Plastic) (Spurt
98	34210	0	Cap, Fuel filler (Red Plastic) (Spurt
98	410144B	0	Cap, Fuel filler (White Plastic) (Std.)
99	26460	0	Clamp, Fuel line
100	29774	0	Line, Fuel (Braided 8.25")
100	30705	0	Line, Fuel (Braided 16")
100	30962	0	Line, Fuel (Braided 32")
103	33794A	0	Muffler
104	31588	0	Plate, Muffler locking
105	650729	0	Screw
109	33662	0	Hub & Screen Assy., Starter
110	8116	0	Nut
111	650815	0	Washer, Belleville
115	650489	0	Screw
115	650516	0	Screw

Ref #	Part Number	Qty	Description
119	33876	0	Gasket, Stator
121	610118	0	Cover, Spark plug
122	30831	0	Wire, Ground (Female fitting both ends)
141	33629	0	Gasket, Air cleaner
142	33634	0	Gasket, Air cleaner
144	650707	0	Screw
145	650762	0	Screw, Fil. hd. Sems, 10-32 x 1-29/32
146	33631	0	Element, Air cleaner
147	33630	0	Bracket, Air cleaner
150	33632A	0	Cover & Body Assy., Air cleaner
195	34346	0	Decal, Instruction
196	30547A	0	Contact Assy., Breaker
197	30548B	0	Condenser
199	631021	0	Inlet Needle, Seat & Clip Assy.
200	631810	0	Carburetor
201	610861	0	Magneto, Tecumseh alternator (w/ring gear)
202	590479	0	Starter, Rewind
206	33279C	0	Gasket Set



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99	26460	0	Clamp, Fuel line
100	29774	0	Line, Fuel (Braided 8.25")
100	30705	0	Line, Fuel (Braided 16")
100	30962	0	Line, Fuel (Braided 32")
103B	391026	0	Muffler
110	8116	0	Nut
111	650815	0	Washer, Belleville
117	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
125	33323	0	Screen, Muffler
126	650578	0	Screw
127	33700	0	Cover & Tube, Muffler
151	28726	0	Screw, Phil. rd. hd., 5-40 x 9/16
152	28727	0	Lockwasher
153	28728	0	Nut
154	30065	0	Nut, Long 5-40
155	30064	0	Cover, Rectifier panel
156	30066	0	Screw
164	730130	0	Muffler Adapter Kit
165	30196	0	Screw
166	27930	0	Gasket, Exhaust
203	33202	0	Motor, Starter (12 Volt)
203	33605	0	Motor, Starter (12 Volt)
204	33329	0	Starter Motor Kit (110-120 Volt)
204	33329A	0	Starter Motor Kit (110-120 Volt)
204	33329B	0	Starter Motor Kit (110-120 Volt)
204	33519	0	Starter Motor Kit (110-120 Volt)
204	33519A	0	Starter Motor Kit (110-120 Volt)
204	33519B	0	Starter Motor Kit (110-120 Volt)
205	610847	0	Flywheel