



## Engine Parts List #1

Ref #	Part Number	Qty	Description
1	32220A	0	Cylinder Assy. (Cast iron liner) (2-5/8"
2	27652	0	Pin, Dowel
3	31461	0	Bushing, Crankshaft
4	27876B	0	Seal, Oil
5	27878A	0	Valve, Intake (Standard)
5	27880A	0	Valve, Intake (1/32" oversize)
6	31469A	0	Valve, Exhaust (Standard) (Long Life)
6	31470A	0	Valve, Exhaust (1/32" oversize) (Long Life)
7	27882	0	Cap, Upper valve spring
8A	27881	0	Spring, Valve
8	27881	0	Spring, Valve
9	27883	0	Cap, Lower valve spring (Standard)
9	30964	0	Cap, Lower valve spring (1/32" oversize)
9A	27883	0	Cap, Lower valve spring (Standard)
9A	30964	0	Cap, Lower valve spring (1/32" oversize)
10	20810	0	Pin, Valve spring retaining
11	31730	0	Crankshaft Assy.
12	29783	0	Pin, Crankshaft gear
13	27884	0	Gear, Crankshaft
14A	31797B	0	Piston & Pin Assy. (Std.) (2-5/8")
14A	31798B	0	Piston & Pin Assy. (.010 oversize)
14A	31799B	0	Piston & Pin Assy. (.020 oversize)
14	34503	0	Piston, Pin & Ring Assy. (Std.) (2-5/8")
14	34504	0	Piston, Pin & Ring Assy. (.010 oversize)
14	34505	0	Piston, Pin & Ring Assy. (.020 oversize)
15	33315	0	Ring Set, Piston (Std.) (2-5/8")
15	33316	0	Ring Set, Piston (.010 oversize)
15	33317	0	Ring Set, Piston (.020 oversize)
16	27888	0	Ring, Piston pin retaining
17	31380C	0	Rod Assy., Connecting
18A	30682	0	Bolt, Connecting rod
18A	32077	0	Bolt, Connecting rod
18	650662B	0	Bolt, Connecting rod
19	26073	0	Washer, Connecting rod bolt
20	28264	0	Nut
21	34034	0	Lifter, Valve
22	32114	0	Camshaft (Mech. Compression Release)
23	30684	0	Gasket, Mounting flange
24	32221A	0	Flange, Mounting
25	31355	0	Screen, Oil filter
26	29117	0	Screw
30	29673	0	Gasket, Filler plug
31	27625	0	Plug, Oil filler
32	31462	0	Bushing, Crankshaft
34	27897	0	Seal, Oil
34A	28926	0	Seal, Oil (Camshaft)
35	650548	0	Screw, Hex washer hd., 8-32 x 5/16
36	31335	0	Clamp, Governor lever
37	27642	0	Plug, Drain
38	31356	0	Pump Assy., Oil
39	30564	0	Screw
39	650488	0	Screw
41	28954	0	Cover, Oil filler hole
42	28749	0	Screw, Phil. Rd. hd., w/neoprene washer,
43	28747	0	Gasket, Oil filler tube
45	32216	0	Dipstick, Oil (Screw In)
46	29985	0	"O" Ring
47	28938B	0	Gasket, Cylinder head

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Ref #	Part Number	Qty	Description
48	30938A	0	Head, Cylinder
49	28833	0	Gasket, Oil drain
50A	31560	0	Clip, Fuel line
50A	32704	0	Clip, Fuel line
50	32704	0	Clip, Fuel line
51A	26073	0	Washer, Connecting rod bolt
51A	650690	0	Washer, Belleville
51B	650691	0	Washer, Flat
51	650694A	0	Screw, Hex flange hd., 5/16-18 x 2
51	650697A	0	Screw, Hex flange hd., 5/16-18 x 2-1/2
52	33636	0	Plug, Spark (Champion J-8 or equivalent)
52	34251	0	Resistor Spark Plug
53	27896	0	Gasket, Breather cover
54	28423	0	Body, Breather
55	28424	0	Element, Breather
56	28425	0	Cover, Valve chamber
57	27627	0	Tube, Breather
58	650128	0	Screw
59	650378	0	Screw
60	27915	0	Gasket, Intake pipe
61	31358	0	Pipe, Intake
65	26756	0	Gasket, Carburetor
66	610118	0	Cover, Spark plug
67	32223A	0	Housing, Blower (5.56 Dia. starter mtg. bolt
69	6201	0	Screw
69	6202	0	Screw
70	8274	0	Lockwasher
71	29752	0	Nut
74	30936	0	Flange, Air cleaner
76	27656	0	Washer, Flat
76	650168	0	Washer, Flat
77	30767	0	Spacer, Air cleaner
78	650152	0	Screw
79	610973	0	Terminal Assy.
80	31342	0	Spring, Compression
81	650549	0	Screw
82	32181A	0	Control Assy., Speed
83	30200	0	Screw
84	27272	0	Gasket, Air cleaner
85	31914	0	Bracket, Air cleaner
86	28820	0	Screw
87	730127	0	Cleaner Assy., Air (Poly)
88	30727	0	Element, Air cleaner
89	31715	0	Body, Air cleaner
95	29536	0	Baffle, Blower housing
96	650561	0	Screw
98	30884	0	Key, Flywheel
99	31778	0	Spring, Coil
100	30939A	0	Cover, Cylinder head
101	650489	0	Screw
101	650516	0	Screw
102	31362	0	Link, Governor spring
103	31361	0	Spring, Governor
104	30669	0	Rod, Governor
105	31357	0	Lever, Governor
106	31823	0	Link, Throttle
107	28277	0	Washer, Flat
109	31707A	0	Spacer Assy., Governor

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Ref #	Part Number	Qty	Description
110	30668	0	Shaft, Mechanical governor
111	30591	0	Gear Assy., Governor
112	29193	0	Ring, Retaining
113	30588A	0	Spool, Governor
114	27793	0	Clip, Conduit
115	28942	0	Screw
117	30622	0	Extension, Blower housing
118	650128	0	Screw
119	30063	0	Screw
119	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
120	650557	0	Nut
122	27275	0	Clip, Hi-tension wire
122	33685	0	Clip, Hi-tension wire
123	650815	0	Washer, Belleville
124	8116	0	Nut
127	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
127	34210	0	Cap, Fuel filler (Red Plastic) (Spurt
127	410144B	0	Cap, Fuel filler (White Plastic) (Std.)
131	29747A	0	Screw
137	29716	0	Screw
137	650601	0	Screw, Fil. hd., 1/4-28 x 2
143	590417	0	Screen, Starter cup
144	32125	0	Cup, Starter
157	30831	0	Wire, Ground (Female fitting both ends)
169	31588	0	Plate, Muffler locking
172	30196	0	Screw
172	6021A	0	Screw, Hex flange hd., 5/16-18 x 1-1/2
172	650689	0	Screw
172	650695A	0	Screw, Hex flange hd., 5/16-18 x 2-1/4
172	650696	0	Screw, Hex hd., 5/16-18 x 2-3/4
172	650697A	0	Screw, Hex flange hd., 5/16-18 x 2-1/2
172A	8274	0	Lockwasher
173	27930	0	Gasket, Exhaust
181A	32214	0	Elbow, Oil drain (45°)
181	29573	0	Elbow, Oil drain (90°)
182	32213	0	Nipple, Oil drain (1-1/4")
184	30747	0	Clip, Shorting
185	16645	0	Lockwasher
206	31873	0	Baffle, Air
216	650625	0	Washer, Thrust
234C	31495	0	Decal, Speed control
234D	31490	0	Decal, Oil
234D	32217	0	Decal, Long Life
234A	31478	0	Decal, H.P. (4 H.P.)
234A	31517	0	Decal, H.P. (5 H.P.)
234A	32173	0	Decal, H.P. (6 H.P.)
234A	34316	0	Decal, Name
234B	32219	0	Decal, Air cleaner
234	34346	0	Decal, Instruction
235	30547A	0	Contact Assy., Breaker
236	30548B	0	Condenser
237	631021	0	Inlet Needle, Seat & Clip Assy.
240	631155	0	Carburetor
241	610681A	0	Magneto, Tecumseh Alternator (w/ring gear)
242	590420	0	Starter, Rewind
245	33234A	0	Gasket Set



## Engine Parts List #2

Ref #	Part Number	Qty	Description
44	32215	0	Tube, Oil filler (Metal, mounts in flange)
46A	30139	0	"O" Ring
51A	26073	0	Washer, Connecting rod bolt
51A	650690	0	Washer, Belleville
97	29749	0	Clip, Retaining
130	28511	0	Plate, Securing
140	590343	0	Rope & Handle Assy., Starter
141	28301	0	Pulley, Starter
149	30063	0	Screw
149	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
151	28726	0	Screw, Phil. rd. hd., 5-40 x 9/16
152	28727	0	Lockwasher
153	28728	0	Nut
154	30064	0	Cover, Rectifier panel
155	30065	0	Nut, Long 5-40
156	30066	0	Screw
163A	33018	0	Harness, Adapter
201	28545	0	Grommet, Plastic
202	33356	0	Terminal, Ground
203	650643	0	Screw
204	24522	0	Control, Throttle
234G	30595	0	Decal, Ezee-start
243	29965	0	Motor, Starter (12 Volt)
243	32468	0	Motor, Starter (12 Volt)
243	32468A	0	Motor, Starter (12 Volt)
243	32468B	0	Motor, Starter (12 Volt)
243	33606	0	Motor, Starter (12 Volt)
244	33518A	0	Starter Motor Kit (110-120 Volt)
244A	30811A	0	Flywheel



## Engine Parts List #3

Ref #	Part Number	Qty	Description
72	31572	0	Strap, Fuel tank
73	650556	0	Screw
73	792028	0	Screw, Hex hd. Sems, 5/16-18 x 7/8
86	28820	0	Screw
116B	28837	0	Strainer & Fitting
116	28584	0	Strainer & Elbow
116A	29683	0	Strainer & Shut-off
130	28511	0	Plate, Securing
131	29747A	0	Screw
132	28819	0	Spring, Fuel line
133	31613	0	Brace, Fuel tank
134	29774	0	Line, Fuel (Braided 8.25")
134	30705	0	Line, Fuel (Braided 16")
134	30962	0	Line, Fuel (Braided 32")
134	30965	0	Line, Fuel (Braided 48")
135	26460	0	Clamp, Fuel line
145	31668	0	Bag, Pre-cleaner
146	31667	0	Spring, Pre-cleaner bag
147	730512	0	Kit, Pre-cleaner
162	8274	0	Lockwasher
164	33323	0	Screen, Muffler
165	33700	0	Cover & Tube, Muffler
166	650578	0	Screw
167	31288	0	Muffler Adapter Kit
168	730130	0	Muffler Adapter Kit
170	28443	0	Nut, Conduit (1/8" thick)
170	32862	0	Nut, Conduit (1/4" thick)
171E	391026	0	Muffler
172	30196	0	Screw
172	6021A	0	Screw, Hex flange hd., 5/16-18 x 1-1/2
172	650689	0	Screw
172	650695A	0	Screw, Hex flange hd., 5/16-18 x 2-1/4
172	650696	0	Screw, Hex hd., 5/16-18 x 2-3/4
172	650697A	0	Screw, Hex flange hd., 5/16-18 x 2-1/2
173	27930	0	Gasket, Exhaust
179	30244	0	Nipple, Exhaust pipe (2-1/2")
179	32332	0	Nipple, Exhaust pipe (2")
179	32454	0	Nipple, Exhaust pipe (1-3/8")
180	29574	0	Elbow, Exhaust (90°)
180	30209	0	Elbow, Exhaust (45°)