



## Engine Parts List #1

Ref #	Part Number	Qty	Description
1	33674	0	Cylinder Assy. (2-13/16" Bore)
2	26727	0	Pin, Dowel
3	27642	0	Plug, Drain
4	32600	0	Seal, Oil
5	32644A	0	Valve, Intake (Standard)
5	32645A	0	Valve, Intake (1/32" oversize)
6	29313C	0	Valve, Exhaust (Standard) (Conventional)
6	29315C	0	Valve, Exhaust (1/32" oversize)
8	31672	0	Spring, Valve
9	31673	0	Cap, Lower valve spring
10	610951	0	Key, Flywheel
11	33676	0	Crankshaft
14A	33562B	0	Piston & Pin Assy. (Std.) (2-13/16")
14A	33563B	0	Piston & Pin Assy. (.010 oversize)
14A	33564B	0	Piston & Pin Assy. (.020 oversize)
14	34535	0	Piston, Pin & Ring Assy. (Std.) (2-13/16")
14	34536	0	Piston, Pin & Ring Assy. (.010 oversize)
14	34537	0	Piston, Pin & Ring Assy. (.020 oversize)
15	33567	0	Ring Set, Piston (Standard) (2-13/16")
15	33568	0	Ring Set, Piston (.010 oversize)
15	33569	0	Ring Set, Piston (.020 oversize)
16	20381	0	Ring, Piston pin retaining
17	32875	0	Rod Assy., Connecting
18	32610A	0	Bolt, Connecting rod
20	32654	0	Dipper, Oil
21	27241	0	Lifter, Valve
22	33158	0	Camshaft (Compression Release)
23	30756B	0	Cover, Cylinder
24	28540	0	Seal, Oil
28	27677	0	Gasket, Cylinder cover
29	650451	0	Screw
29	650488	0	Screw
30	27625	0	Plug, Oil filler
31	29673	0	Gasket, Filler plug
32	33554	0	Gasket, Cylinder head
33	33016	0	Head, Cylinder
34	26073	0	Washer, Connecting rod bolt
34	650691	0	Washer, Flat
35	650694A	0	Screw, Hex flange hd., 5/16-18 x 2
35	650818	0	Screw, Special hex hd., 5/16-18 x 1-1/2
35	650865	0	Screw, Special Hex hd. tapped, 5/16-18 x 2
36	6021A	0	Screw, Hex flange hd., 5/16-18 x 1-1/2
37	33636	0	Plug, Spark (Champion J-8 or equivalent)
38	31619	0	Gasket, Breather cover
39A	31337	0	Breather Assy.
40	31410	0	Element, Breather
45	650128	0	Screw
46	33673	0	Gasket, intake (1/32" thick)
47	33666	0	Pipe, Intake
48	30646	0	Screw, Phil. fil. hd. Sems, 1/4-20 x 1-3/8
59	32698	0	Link, Throttle
60	31510	0	Lever, Governor
63A	31334	0	Rod, Governor
64	33342	0	Baffle, Blower housing
65	650561	0	Screw
66	0	0	Rivet, Pop
66	29752	0	Nut
67	28277	0	Washer, Flat

## Engine Parts List #1

Ref #	Part Number	Qty	Description
68	650168	0	Washer, Flat
69	29212	0	Screw
70	33663C	0	Housing, Blower (5.56 dia. starter mtg. bolt
74A	30747	0	Clip, Shorting
75	650890	0	Lockwasher, Shakeproof 5/16
76	27272	0	Gasket, Air cleaner
81	29752	0	Nut
82	33341	0	Extension, Baffle
83	650701	0	Screw, Hex washer hd. shakeproof,
84	6201	0	Screw
85	650601	0	Screw, Fil. hd., 1/4-28 x 2
86	28212	0	Spacer
87	26756	0	Gasket, Carburetor
90	31715	0	Body, Air cleaner
92	650152	0	Screw
93	31691	0	Bracket, Air cleaner
94	28820	0	Screw
95	33344	0	Baffle, Heat
98	35349	0	Wire Assy., Ground (Female fittings both
98	610609	0	Wire, Ground (One female fitting & one eye)
100	730127	0	Cleaner Assy., Air (Poly)
105	30590A	0	Washer, Flat
106	30574	0	Shaft, Mechanical governor
107	30591	0	Gear Assy., Governor
108	30588A	0	Spool, Governor
109	29193	0	Ring, Retaining
111A	28371B	0	Bracket, Upper fuel tank
112	32762	0	Bracket, Lower fuel tank
113	650561	0	Screw
114	34971	0	Tank Assy., Fuel (Black Poly) (2 qt.)
115	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
115	34210	0	Cap, Fuel filler (Red Plastic) (Spurt
115	410144B	0	Cap, Fuel filler (White Plastic) (Std.)
116	650665	0	Screw
118	30705	0	Line, Fuel (Braided 16")
118	30962	0	Line, Fuel (Braided 32")
118	29774	0	Line, Fuel (Braided 8.25")
119	28819	0	Spring, Fuel line
121	29745	0	Extension, Blower housing
122	650128	0	Screw
123	26460	0	Clamp, Fuel line
129	650489	0	Screw
130	27276	0	Cover, Spark plug
130	610118	0	Cover, Spark plug
139	33670	0	Gasket, Muffler
140	30063	0	Screw
140	650561	0	Screw
161	29443	0	Clip, Fuel line
181	33356	0	Terminal, Ground
182	28545	0	Grommet, Plastic
183	650760	0	Screw
197	650548	0	Screw, Hex washer hd., 8-32 x 5/16
201	610973	0	Terminal Assy.
202A	32923	0	Spring, Torsion
202	33857	0	Spring, Extension
203	730136A	0	Control Assy., Mini Bike Speed
204	30200	0	Screw
204	650139	0	Screw

Ref #	Part Number	Qty	Description
204	650152	0	Screw
205	30322	0	Nut & Lockwasher
206	650549	0	Screw
206	650688	0	Screw, Hex hd., 10-32 x 1-5/16" (Drilled
207	31342	0	Spring, Compression
207	32924	0	Spring, Compression
209	28942	0	Screw
210	27793	0	Clip, Conduit
211	31426	0	Spring, Extension
213	650815	0	Washer, Belleville
214	650607	0	Nut, Flywheel
217	33668	0	Screen, Starter
218	33667	0	Cup, Starter
240A	550223	0	Decal, Name
240B	31752	0	Decal, Air cleaner
240	34346	0	Decal, Instruction
243	631021	0	Inlet Needle, Seat & Clip Assy.
244	631702	0	Carburetor
246	590420	0	Starter, Rewind
249	33683	0	Gasket Set



## Engine Parts List #2

Ref #	Part Number	Qty	Description
13	33876	0	Gasket, Stator
34	26073	0	Washer, Connecting rod bolt
34	650691	0	Washer, Flat
38	31619	0	Gasket, Breather cover
40	31410	0	Element, Breather
45	650128	0	Screw
60	31510	0	Lever, Governor
101	30200	0	Screw
102	28458	0	Bearing, Ball All ball bearing models except
103	28539	0	Ring, Retaining (All ball bearing models)
104	28537	0	Washer, Flat
129	650489	0	Screw
191	29918	0	Lockwasher
192	30322	0	Nut & Lockwasher
193	29826	0	Screw
194	29216	0	Nut
195	29642	0	Ring, Retaining
196	29916	0	Clamp, Governor lever
197	650548	0	Screw, Hex washer hd., 8-32 x 5/16
241	30547A	0	Contact Assy., Breaker
242	30548B	0	Condenser
245	610862	0	Magneto, Tecumseh
247	33290C	0	Starter Motor Kit (110-120 Volt)
248	33701B	0	Flywheel
248	611083	0	Flywheel



## Engine Parts List #3

Ref #	Part Number	Qty	Description
90	31715	0	Body, Air cleaner
91	30727	0	Element, Air cleaner
94	28820	0	Screw
100A	730164	0	Cleaner Assy., Air (Paper)
139	33670	0	Gasket, Muffler
140	30063	0	Screw
140	650561	0	Screw
141A	33699	0	Muffler
141D	391026	0	Muffler
143	33323	0	Screen, Muffler
144	33700	0	Cover & Tube, Muffler
145	650578	0	Screw
157	730165	0	Muffler, Adapter Kit
201	610973	0	Terminal Assy.
209	28942	0	Screw
210	27793	0	Clip, Conduit