



## Engine Parts List #1

Ref #	Part Number	Qty	Description
1	33066	0	Cylinder Assy. (2-5/16" Bore)
2	26727	0	Pin, Dowel
3A	27642	0	Plug, Drain
3	28582	0	Plug, Drain
4	29183	0	Seal, Oil
5	29314A	0	Valve, Intake (Standard)
5	29315B	0	Valve, Intake (1/32" oversize)
6	29313B	0	Valve, Exhaust (Standard)
6	29315B	0	Valve, Intake (1/32" oversize)
7	31671	0	Cap, Upper valve spring
8	31672	0	Spring, Valve
9	31673	0	Cap, Lower valve spring
11	30946	0	Crankshaft Assy.
12	29783	0	Pin, Crankshaft gear
13	27613	0	Gear, Crankshaft
14	31761	0	Piston & Pin Assy. (Standard) (2-5/16")
14	32662	0	Piston & Pin Assy. (.010 oversize)
14	32663	0	Piston & Pin Assy. (.020 oversize)
15	27565	0	Ring Set, Piston (Standard) (2-5/16")
15	27566	0	Ring Set, Piston (.010 oversize)
15	27567	0	Ring Set, Piston (.020 oversize)
16	20381	0	Ring, Piston pin retaining
17	30963B	0	Rod Assy., Connecting
18	26706	0	Bolt, Connecting rod
19	28594	0	Dipper, Oil
20	27573	0	Nut, Connecting rod bolt
21	31317	0	Camshaft (No compression release)
22	27241	0	Lifter, Valve
23	30941D	0	Cover, Cylinder
24	30256	0	Seal, Oil
25	27625	0	Plug, Oil filler
26	29673	0	Gasket, Filler plug
27	27677	0	Gasket, Cylinder cover
28	30564	0	Screw
29	30981	0	Bushing, Crankshaft
30	650168	0	Washer, Flat
30	650675	0	Washer, Flat
31	650489	0	Screw
31A	650489	0	Screw
32	29953B	0	Gasket, Cylinder head
33	30579	0	Head, Cylinder
34	26073	0	Washer, Connecting rod bolt
35	6021	0	Screw
35	650694	0	Screw, Hex hd. cap, 5/16-18 x 2
35	650695	0	Screw, Hex hd. cap, 5/16-18 x 2-1/4 (Grade 8)
37	33636	0	Plug, Spark (Champion J-8 or equivalent)
38	31619	0	Gasket, Breather cover
39	31337	0	Breather Assy.
40	31410	0	Element, Breather
42	650128	0	Screw
45	26754	0	Gasket, Exhaust
46	28416	0	Pipe, Intake
47	650664	0	Screw, Phil. fil. hd. Sems, 1/4-20 x 1-19/32
48	30646	0	Screw, Phil. fil. hd. Sems, 1/4-20 x 1-3/8
48	650517	0	Screw, Fil. flex hd. self-locking, 1/4-20 x
48	650664	0	Screw, Phil. fil. hd. Sems, 1/4-20 x 1-19/32
50	650708	0	Washer, Flat 5/16"
50	8303	0	Lockwasher

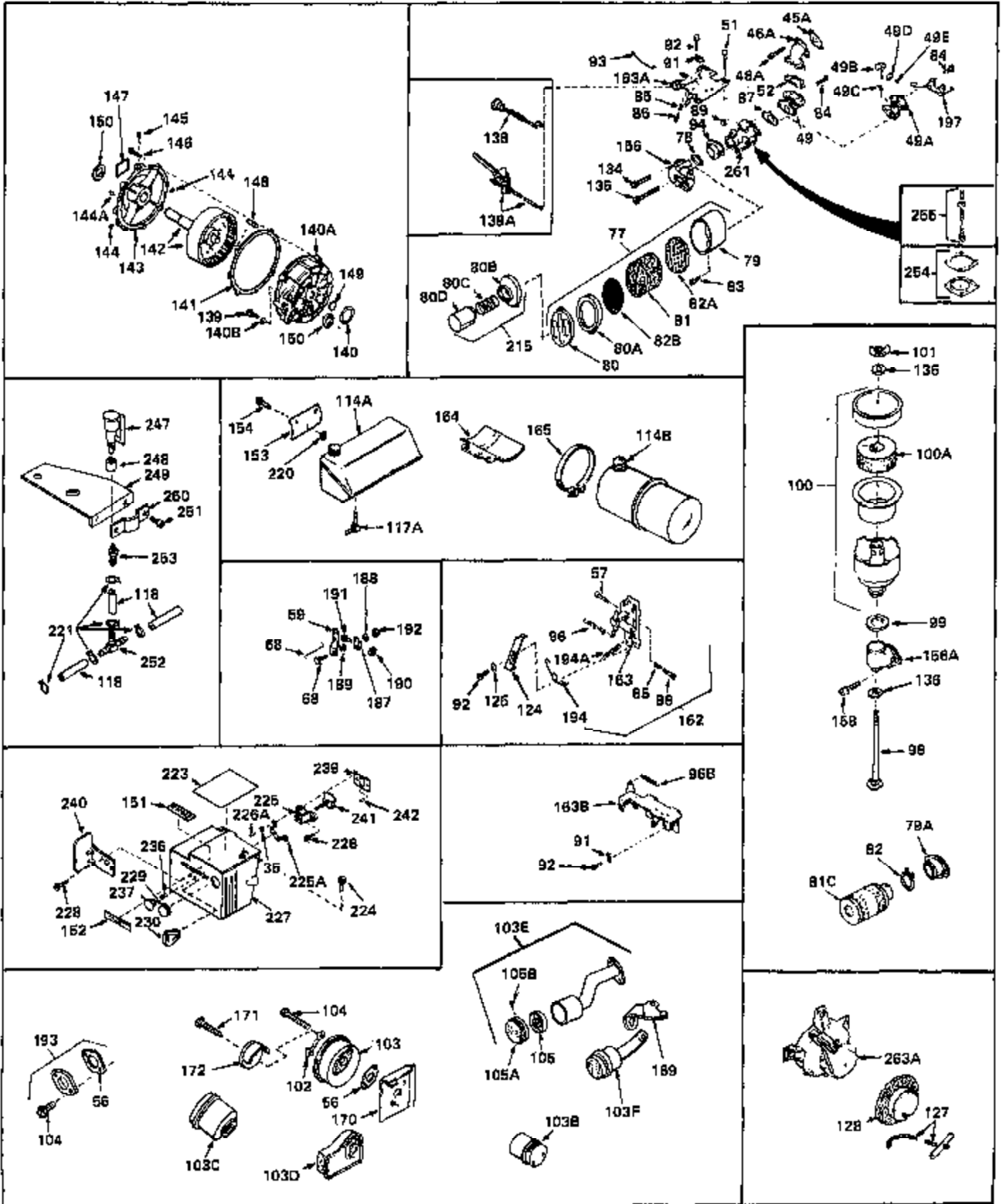
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Ref #	Part Number	Qty	Description
53	650152	0	Screw
53	650684	0	Screw, Fil. hd mach., 8-32 x 5/16
58	31858	0	Link, Throttle
59	31510	0	Lever, Governor
63A	31334	0	Rod, Governor
64	30658	0	Baffle, Blower housing
65	30200	0	Screw
65	650561	0	Screw
66	31345	0	Plate, Identification
67	29309	0	Stud, Drive
68	650548	0	Screw, Hex washer hd., 8-32 x 5/16
69	29212	0	Screw
70	30655A	0	Housing, Blower
71	650490	0	Washer, Belleville
72	650607	0	Nut, Flywheel
73	29716	0	Screw
74	16645	0	Lockwasher
75	30747	0	Clip, Shorting
76	30596	0	Decal, Name & H.P. (2-1/4 H.P.)
76	30597	0	Decal, Name & H.P. (3 H.P.)
76	30612	0	Decal, Name & H.P. (3-1/2 H.P.)
76	30631	0	Decal, Name & H.P. (2-1/2 H.P.)
76	31328	0	Decal, Name & H.P. (4 H.P.)
76A	33306	0	Decal, Mini-Bike (2-1/2 H.P.)
76A	33307	0	Decal, Mini-Bike (3 H.P.)
76A	33308	0	Decal, Mini-Bike (3-1/2 H.P.)
78	27272	0	Gasket, Air cleaner
78A	30767	0	Spacer, Air cleaner
81B	30727	0	Element, Air cleaner
83	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
83	650709	0	Screw
83	28820	0	Screw
83	650163	0	Screw, Fil. hd. Sems, 10-32 x 7/8
84	30564	0	Screw
84	6201	0	Screw
84	6202	0	Screw
84	650551	0	Screw, Hex hd. cap, 1/4-28 x 1-1/4
87	31688	0	Gasket, Carburetor (1/8 thick)
89	29752	0	Nut
90	31432	0	Bracket, Speed limit
91	27793	0	Clip, Conduit
92	28942	0	Screw
95	28277	0	Washer, Flat
103A	30911	0	Muffler
106	30574	0	Shaft, Mechanical governor
107	30591	0	Gear Assy., Governor
107A	30590A	0	Washer, Flat
108	29193	0	Ring, Retaining
109	30588A	0	Spool, Governor
110	28212	0	Spacer
113	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
113	650306	0	Screw, Hex hd. cap, 1/4-20 x 1/2
113	650561	0	Screw
115	26027	0	Cap, Fuel filler (Special bayonet type)
115	30998B	0	Cap, Fuel filler (Red Plastic) (Sno Proof)
115	32387A	0	Cap, Fuel filler (Charcoal Plastic) (Spurt
115	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
115	410144B	0	Cap, Fuel filler (White Plastic) (Std.)

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Ref #	Part Number	Qty	Description
116	650556	0	Screw
116	650665	0	Screw
116	650697	0	Screw, Hex hd. cap, 5/16-18 x 2-1/2
117B	29683	0	Strainer & Shut-off
117B	32961	0	Valve, Fuel shut-off
117	28837	0	Strainer & Fitting
118	29774	0	Line, Fuel (Braided 8.25")
118	30705	0	Line, Fuel (Braided 16")
118	30962	0	Line, Fuel (Braided 32")
119A	31778	0	Spring, Coil
119	28819	0	Spring, Fuel line
120	650128	0	Screw
121	29745	0	Extension, Blower housing
122	31752	0	Decal, Air cleaner
126	30322	0	Nut & Lockwasher
129	27247	0	Key, Flywheel
130	32576	0	Seal, Snow guard
131	31680	0	Guard, Starter
132	31875	0	Baffle, Heat
133	28763	0	Screw, Hex washer hd. thread-forming, 10-24
137	31373	0	Spacer, Carburetor
159	31691	0	Bracket, Air cleaner
160	31715	0	Body, Air cleaner
161	31714	0	Decal, Instruction
161	33320	0	Decal, Instruction Spec. Nos. 25205H, 212H,
166	33356	0	Terminal, Ground
167	29117	0	Screw
167	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
167	650561	0	Screw
167	650643	0	Screw
168	27675	0	Nut, Conduit
173	30617	0	Elbow, Exhaust (45°)
176	650116	0	Nut, Lock
177	27276	0	Cover, Spark plug
178	30200	0	Screw
179	28539	0	Ring, Retaining (All ball bearing models)
180	28537	0	Washer, Flat
181	28458	0	Bearing, Ball All ball bearing models except
183	31861	0	Clip, Shorting
184	29443	0	Clip, Fuel line
203	30865	0	Link, Bellcrank
204	27275	0	Clip, Hi-tension wire
207	32969	0	Dipstick, Oil (Screw In)
209A	32187	0	Decal, Super-start
209	32179	0	Decal, Super-start
213	30595	0	Decal, Ezee-start
214	650518	0	Lockwasher, No. 10
216	730127	0	Cleaner Assy., Air (Poly)
217	730512	0	Kit, Pre-cleaner
218	31668	0	Bag, Pre-cleaner
219	31667	0	Spring, Pre-cleaner bag
221	26460	0	Clamp, Fuel line
222	30980	0	Bushing, Crankshaft
231	30968	0	Nipple, Oil (2-1/2")
231	32678	0	Nipple, Oil drain
232	30969	0	Cap, Oil drain
233	28250	0	Decal, H.P. (3 H.P.)
233	30077	0	Decal, H.P. (3-1/2 H.P.)

Ref #	Part Number	Qty	Description
233	31427	0	Decal, H.P. (2-1/2 H.P.)
234	590417	0	Screen, Starter cup
234A	590416	0	Cup, Starter
235	28942	0	Screw
235	30200	0	Screw
238	28545	0	Grommet, Plastic
243	30879	0	Bracket, Toggle switch
244	610164	0	Switch, Toggle
259	30547A	0	Contact Assy., Breaker
260	30548A	0	Condenser
262	610690A	0	Magneto, Tecumseh
263	590420	0	Starter, Rewind
264	33233	0	Gasket Set



## Engine Parts List #2

Ref #	Part Number	Qty	Description
36	8269	0	Washer
45A	30188	0	Gasket, Intake pipe
48A	650451	0	Screw
51	650454	0	Screw, Fil. flex hd. 1/4-20 x 3/4
57	28942	0	Screw
57	30091	0	Screw, Hex slotted washer hd., 8-32 x 1/2
57	30200	0	Screw
59	31510	0	Lever, Governor
68	650548	0	Screw, Hex washer hd., 8-32 x 5/16
77	31545	0	Cleaner Assy., Air
78	27272	0	Gasket, Air cleaner
80C	450150	0	Spring, Pre-cleaner
80D	450124	0	Bag, Pre-cleaner
82A	29962	0	Screen, Air cleaner
83	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
83	650709	0	Screw
83	28820	0	Screw
83	650163	0	Screw, Fil. hd. Sems, 10-32 x 7/8
84	30564	0	Screw
84	6201	0	Screw
84	6202	0	Screw
84	650551	0	Screw, Hex hd. cap, 1/4-28 x 1-1/4
85	28564	0	Spring, Compression
85	31342	0	Spring, Compression
85	32924	0	Spring, Compression
86	29500	0	Screw, Fil. hd. mach., Sems, 8-32 x 3/4
86	650549	0	Screw
86	650688	0	Screw, Hex hd., 10-32 x 1-5/16" (Drilled
87	31688	0	Gasket, Carburetor (1/8 thick)
89	29752	0	Nut
91	27793	0	Clip, Conduit
92	28942	0	Screw
96B	31426	0	Spring, Extension
101	9577	0	Nut, Wing, 10-24
102	30083	0	Plate, Locking
103F	33288	0	Muffler
104	27182	0	Screw, Hex hd. cap, 1/4-20 x 3-3/8
104	650253	0	Screw, Hex hd. cap, 1/4-20 x 2-1/4
104	650327	0	Screw, Fil slotted hd. Sems, 114-20 x 2-1/2
104	650493	0	Screw, Hex hd. Sems, 1/4-20 x 1-3/4
104	650561	0	Screw
104	650599	0	Screw, Hex hd. cap, Sems, 1/4-20 x 1-1/2
104	650795	0	Screw, Hex hd. cap, Sems, 1/4-20 x 2-5/16
105A	33172	0	Cover, Muffler
105	33171	0	Screen, Muffler
105B	650578	0	Screw
117A	28584	0	Strainer & Elbow
118	29774	0	Line, Fuel (Braided 8.25")
118	30705	0	Line, Fuel (Braided 16")
118	30962	0	Line, Fuel (Braided 32")
134	650163	0	Screw, Fil. hd. Sems, 10-32 x 7/8
135	650520	0	Screw
135	650544	0	Screw, Pan flex hd., 10-24 x 7/8
136	27183	0	Washer, Fiber
136	31905	0	Washer, Paper
138	30985	0	Control, Throttle
138A	24522	0	Control, Throttle
139	28454	0	Screw

## Engine Parts List #2

Ref #	Part Number	Qty	Description
140	28451	0	Gasket, Housing
140B	8274	0	Lockwasher
140A	30516	0	Housing, Reducer
141	30517A	0	Gasket, Reduction cover
143	30518	0	Cover, Housing (All 6:1 gear reduction)
144	9556	0	Plug, Oil drain (Sq. hd. pipe, 1/8-27)
145	24590	0	Plug, Pipe
146	30564	0	Screw
148	32714	0	Pin, Shaft & Gear (All 6:1 gear reduction)
149	28508	0	Plug, Expansion
150	30256	0	Seal, Oil
154	650561	0	Screw
158	650163	0	Screw, Fil. hd. Sems, 10-32 x 7/8
162	730136A	0	Control Assy., Mini Bike Speed
163	33282	0	Bracket Assy., Speed control
169	33127	0	Bracket, Muffler
170	31874	0	Baffle, Heat
171	650665	0	Screw
172	30997	0	Cover, Muffler
187	29916	0	Clamp, Governor lever
188	29642	0	Ring, Retaining
189	29918	0	Lockwasher
190	29216	0	Nut
191	29826	0	Screw
192	30322	0	Nut & Lockwasher
193	730162	0	Kit, Muffler Adapter
194	32923	0	Spring, Torsion
215	730510	0	Kit, Pre-cleaner
220	31266	0	Spacer, Strip
221	26460	0	Clamp, Fuel line
224	650687	0	Screw, Pan hd. self-tap, 10-32 x 5/16
228	650257	0	Screw, Pan hd. Sems, 8-32 x 5/16
229	31291	0	Plug, Cover
230	32410	0	Knob, Speed control
236	32399	0	Spring, Choke knob
237	32400	0	Knob, Choke
241	32397	0	Plate Assy., Choke
242	650571	0	Screw, Flat trim hd. mach. , 10-32 x 7/16
254	630978	0	Diaphragm & Gasket Assy.
255	630932A	0	Inlet Needle, Seat, Gasket & Spring Assy.
261	631595	0	Carburetor