



Ref #	Part Number	Qty	Description
1	31411A	0	Cylinder Assy. (2-1/2" Bore)
2	27652	0	Pin, Dowel
3A	27642	0	Plug, Drain
3	27642	0	Plug, Drain
4	27876B	0	Seal, Oil
5	27877A	0	Valve, Intake (Standard)
5	27879A	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
8	27881	0	Spring, Valve
9A	27883	0	Cap, Lower valve spring (Standard)
9A	30964	0	Cap, Lower valve spring (1/32" oversize)
9	27883	0	Cap, Lower valve spring (Standard)
9	30964	0	Cap, Lower valve spring (1/32" oversize)
10	20810	0	Pin, Valve spring retaining
11	31826	0	Crankshaft Assy.
12	29783	0	Pin, Crankshaft gear
13	27884	0	Gear, Crankshaft
14	27886	0	Piston & Pin Assy. (.010 Oversize)
14	27887	0	Piston & Pin Assy. (.020 Oversize)
14	28739	0	Piston & Pin Assy. (Standard) (2-1/2")
15	27889	0	Ring Set, Piston (Std.) (2-1/2")
15	27890	0	Ring Set, Piston (.010 oversize)
15	27891	0	Ring Set, Piston (.020 oversize)
15	29907	0	Re-Ringing Set, Piston
16	27888	0	Ring, Piston pin retaining
17	31295B	0	Rod Assy., Connecting
18	21718	0	Bolt, Connecting rod
19	26073	0	Washer, Connecting rod bolt
20	28264	0	Nut
21	31296	0	Camshaft (No compression release)
22	27893	0	Lifter, Valve
23	31452A	0	Cover, Cylinder
24	28460	0	Seal, Oil
25	29668	0	Dipstick, Oil (Screw In)
26	30684	0	Gasket, Mounting flange
27	8303	0	Lockwasher
28	30564	0	Screw
28	650488	0	Screw
30	29673	0	Gasket, Filler plug
31	650489	0	Screw
32	28938B	0	Gasket, Cylinder head
33	30938A	0	Head, Cylinder
34	27793	0	Clip, Conduit
35	28942	0	Screw
36	650694	0	Screw, Hex hd. cap, 5/16-18 x 2
36	650695	0	Screw, Hex hd. cap, 5/16-18 x 2-1/4 (Grade 8)
36	650697	0	Screw, Hex hd. cap, 5/16-18 x 2-1/2
37	33636	0	Plug, Spark (Champion J-8 or equivalent)
38	27896	0	Gasket, Breather cover
39	28423	0	Body, Breather
40	28424	0	Element, Breather
41	28425	0	Cover, Valve chamber
42	26073	0	Washer, Connecting rod bolt
43A	8269	0	Washer
43	650128	0	Screw
43	650597	0	Screw, Hex washer hd., 10-24 x 5/8

Ref #	Part Number	Qty	Description
44	27627	0	Tube, Breather
45	27915	0	Gasket, Intake pipe
46	30195A	0	Flange, Carburetor
48	30196	0	Screw
50	650548	0	Screw, Hex washer hd., 8-32 x 5/16
51	30319	0	Rivet, Split
52	31709	0	Lever, Governor
54	28819	0	Spring, Fuel line
54	31778	0	Spring, Coil
55	30205	0	Bracket, Adjusting
56	30206	0	Link, Throttle
57	30985	0	Control, Throttle
57A	24522	0	Control, Throttle
58	31879	0	Link, Governor lever to bellcrank
59	29216	0	Nut
60	650152	0	Screw
61	29826	0	Screw
62	29642	0	Ring, Retaining
63	30699A	0	Rod Assy., Governor
64	29536	0	Baffle, Blower housing
65	650561	0	Screw
66	30592	0	Decal, Instruction
67	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
68	8274	0	Lockwasher
69	29747A	0	Screw
70	32158B	0	Housing, (5.56 Dia. starter mtg. bolt
71	650490	0	Washer, Belleville
72	8116	0	Nut
73	30700	0	Yoke, Governor
74	650494	0	Screw
75	31688	0	Gasket, Carburetor (1/8 thick)
77	31345	0	Plate, Identification
78	29309	0	Stud, Drive
79	29752	0	Nut
80	650572	0	Screw
83	27272	0	Gasket, Air cleaner
87	31691	0	Bracket, Air cleaner
88	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
88	650521	0	Screw
88	28820	0	Screw
89	30727	0	Element, Air cleaner
90A	31715	0	Body, Air cleaner
91	30312	0	Screw, Hex washer hd. Sems, 10-32 x 1/2
92	30712	0	Lever, Bellcrank
93	29530	0	Bushing, Lever
93A	28562	0	Bushing, Lever
94	30202	0	Spring, Extension
95	30201A	0	Lever, Speed control
96	30199A	0	Bracket, Speed control
98	28569	0	Spring, Compression
98	32924	0	Spring, Compression
99	29500	0	Screw, Fil. hd. mach., Sems, 8-32 x 3/4
99	650223	0	Screw, Fil. slotted hd. Sems, 8-32 x 5/8
99	650688	0	Screw, Hex hd., 10-32 x 1-5/16" (Drilled
100	29538	0	Base, Mounting
102	650561	0	Screw
105	31793	0	Bearing, Ball
106	31845	0	Shaft, Mechanical governor

Ref #	Part Number	Qty	Description
108	29193	0	Ring, Retaining
109	30588A	0	Spool, Governor
111	31300	0	Bracket, Fuel tank
113	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
113	650561	0	Screw
114	31321	0	Tank Assy., Fuel (2 qt.)
115	32387A	0	Cap, Fuel filler (Charcoal Plastic) (Spurt
115	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
115A	30998B	0	Cap, Fuel filler (Red Plastic) (Sno Proof)
117	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")
119	31792	0	Washer, Thrust
120	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
120	650128	0	Screw
121	30622	0	Extension, Blower housing
125	27930	0	Gasket, Exhaust
126	650178	0	Screw
127	26073	0	Washer, Connecting rod bolt
128	30196	0	Screw
128	650694	0	Screw, Hex hd. cap, 5/16-18 x 2
129	30884	0	Key, Flywheel
130	31843A	0	Bracket, Governor
131	28763	0	Screw, Hex washer hd. thread-forming, 10-24
132	30091	0	Screw, Hex slotted washer hd., 8-32 x 1/2
132	650548	0	Screw, Hex washer hd., 8-32 x 5/16
133	650493	0	Screw, Hex hd. Sems, 1/4-20 x 1-3/4
144	650542	0	Screw, Hex hd. cap, 5/16 18 x 13/16
145	31752	0	Decal, Air cleaner
148	30529	0	Nut, Lock
149	30747	0	Clip, Shorting
149	31861	0	Clip, Shorting
150	16645	0	Lockwasher
151	30066	0	Screw
152	30063	0	Screw
152	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
153	30064	0	Cover, Rectifier panel
154	30065	0	Nut, Long 5-40
155	31324	0	Decal, Name & H.P., (6 H.P.)
155	31325	0	Decal, Name & H.P. (5 H.P.)
155	31328	0	Decal, Name & H.P., (4 H.P.)
156	28728	0	Nut
157	28727	0	Lockwasher
159	28726	0	Screw, Phil. rd. hd., 5-40 x 9/16
160	30595	0	Decal, Ezee-start
162	29918	0	Lockwasher
164	30322	0	Nut & Lockwasher
165	29916	0	Clamp, Governor lever
176	30972	0	Bracket, Choke control
177	29774	0	Line, Fuel (Braided 8.25")
182	30063	0	Screw
182	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
184	29521	0	Pin, Dowel
194	31478	0	Decal, H.P. (4 H.P.)
194	31517	0	Decal, H.P. (5 H.P.)
194	32173	0	Decal, H.P. (6 H.P.)
206	30590A	0	Washer, Flat

Ref #	Part Number	Qty	Description
	209 30939	0	Cover, Cylinder head
	232 31548	0	Knob, Seed control
	232 32410	0	Knob, Speed control
	238 650489	0	Screw
	253 30767	0	Spacer, Air cleaner
	258 31298	0	Strip, Dampener
	259 31299	0	Brace, Tank mounting
	260 29752	0	Nut
	260 650116	0	Nut, Lock
	260 650456	0	Nut, Lock
	261 650168	0	Washer, Flat
	262 29716	0	Screw
	264A 590417	0	Screen, Starter cup
	264 32125	0	Cup, Starter
	266 26460	0	Clamp, Fuel line
	267 33356	0	Terminal, Ground
	268 31584	0	Cup, Spark plug
	269 31583	0	Clamp, Wire
	270 31461	0	Bushing, Crankshaft
	271 31546	0	Bushing, Crankshaft
	272 31660	0	Cover, Fuel pump pad
	277 29212	0	Screw
	277 650451	0	Screw
	278 6202	0	Screw
	286 27275	0	Clip, Hi-tension wire
	286 29443	0	Clip, Fuel line
	289 730512	0	Kit, Pre-cleaner
	290 31667	0	Spring, Pre-cleaner bag
	291 31668	0	Bag, Pre-cleaner
	296 28942	0	Screw
	296 650229	0	Screw
	296A 650147	0	Washer, Flat
	305 30547A	0	Contact Assy., Breaker
	306 30548A	0	Condenser
	307 631021	0	Inlet Needle, Seat & Clip Assy.
	309 31855	0	Retainer, Bearing
	310 27183	0	Washer, Fiber
	311 650580	0	Nut, Lock
	316 32203	0	Cleaner, Starter air
	317 32204	0	Bracket, Starter air cleaner
	318 650583	0	Washer, Flat
	328 730127	0	Cleaner Assy., Air (Poly)
	334 32179	0	Decal, Super-start
	335 32130	0	Decal, Long Life
	352 8274	0	Lockwasher
	360 631063A	0	Carburetor
	361A 33018	0	Harness, Adapter
	361 610689A	0	Magneto, Tecumseh
	362 590449	0	Starter, Rewind
	363 29965	0	Motor, Starter (12 Volt)
	363 32468	0	Motor, Starter (12 Volt)
	363 32468A	0	Motor, Starter (12 Volt)
	363 32468B	0	Motor, Starter (12 Volt)
	364 33235	0	Gasket Set



Ref #	Part Number	Qty	Description
	34 27793	0	Clip, Conduit
	35 28942	0	Screw
	36 650694	0	Screw, Hex hd. cap, 5/16-18 x 2
	36 650695	0	Screw, Hex hd. cap, 5/16-18 x 2-1/4 (Grade 8
	36 650697	0	Screw, Hex hd. cap, 5/16-18 x 2-1/2
	42 26073	0	Washer, Connecting rod bolt
	54 28819	0	Spring, Fuel line
	54 31778	0	Spring, Coil
	58 31879	0	Link, Governor lever to bellcrank
	60 650152	0	Screw
	67 650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
	79 29752	0	Nut
	80 650572	0	Screw
	83 27272	0	Gasket, Air cleaner
	85 29786	0	Screw
	85 650163	0	Screw, Fil. hd. Sems, 10-32 x 7/8
	85 650416	0	Screw, Rd. hd. Sems, 10-32 x 1
	85 650605	0	Screw
	87 31691	0	Bracket, Air cleaner
	88 650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
	88 650521	0	Screw
	88 28820	0	Screw
	89 30727	0	Element, Air cleaner
	90A 31715	0	Body, Air cleaner
	91 30312	0	Screw, Hex washer hd. Sems, 10-32 x 1/2
	92 30712	0	Lever, Bellcrank
	93 29530	0	Bushing, Lever
	93A 28562	0	Bushing, Lever
	94 30202	0	Spring, Extension
	95 30201A	0	Lever, Speed control
	96 30199A	0	Bracket, Speed control
	98 28569	0	Spring, Compression
	98 32924	0	Spring, Compression
	99 29500	0	Screw, Fil. hd. mach., Sems, 8-32 x 3/4
	99 650223	0	Screw, Fil. slotted hd. Sems, 8-32 x 5/8
	99 650688	0	Screw, Hex hd., 10-32 x 1-5/16" (Drilled
	101 30209	0	Elbow, Exhaust (45°)
	101 32394	0	Elbow, Exhaust (90°)
	103C 31287	0	Muffler
	104 28443	0	Nut, Conduit (1/8" thick)
	104 32862	0	Nut, Conduit (1/4" thick)
	110 31913	0	Nipple, Pipe (3")
	115 32387A	0	Cap, Fuel filler (Charcoal Plastic) (Spurt
	115 33032	0	Cap, Fuel filler (Red Plastic) (Spurt
	118 29774	0	Line, Fuel (Braided 8.25")
	118 30705	0	Line, Fuel (Braided 16")
	118 30962	0	Line, Fuel (Braided 32")
	125 27930	0	Gasket, Exhaust
	145 31752	0	Decal, Air cleaner
	146 28451	0	Gasket, Housing
	171 24590	0	Plug, Pipe
	215 28301	0	Pulley, Starter
	216 590343	0	Rope & Handle Assy., Starter
	228 30820	0	Baffle, Heat
	229 28942	0	Screw
	230 650257	0	Screw, Pan hd. Sems, 8-32 x 5/16
	253 30767	0	Spacer, Air cleaner
	255 28820	0	Screw

Ref #	Part Number	Qty	Description
256	650760	0	Screw
257	31291	0	Plug, Cover
262	29716	0	Screw
265	650701	0	Screw, Hex washer hd. shakeproof,
266	26460	0	Clamp, Fuel line
289	730512	0	Kit, Pre-cleaner
290	31667	0	Spring, Pre-cleaner bag
291	31668	0	Bag, Pre-cleaner
327	730128	0	Cleaner Assy., Air
328	730127	0	Cleaner Assy., Air (Poly)
342	29212	0	Screw
347	31288	0	Muffler Adapter Kit
348	730130	0	Muffler Adapter Kit
349	6021	0	Screw
350	650697	0	Screw, Hex hd. cap, 5/16-18 x 2-1/2
351	650178	0	Screw
353	30803	0	Bracket Kit, Air cleaner
360	631063A	0	Carburetor