



Ref #	Part Number	Qty	Description
	1 32176A	0	Cylinder Assy, (2-5/8" Bore)
	2 27652	0	Pin, Dowel
	3 27642	0	Plug, Drain
	3A 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
	9B 32581	0	Cap, Lower valve spring
	10 20810	0	Pin, Valve spring retaining
	11 31376	0	Crankshaft Assy.
	12 29783	0	Pin, Crankshaft gear
	13 27884	0	Gear, Crankshaft
	14 31797	0	Piston & Pin Assy. (Standard) (2-5/8")
	14 31798	0	Piston & Pin Assy. (.010 Oversize)
	14 31799	0	Piston & Pin Assy. (.020 Oversize)
	15 29909	0	Re-Ringing Set, Piston
	15 31854	0	Ring Set, Piston (Standard) (2-5/8") (Long
	15 32057	0	Ring Set, Piston (.010 Oversize)
	15 32058	0	Ring Set, Piston (.020 Oversize)
	16 27888	0	Ring, Piston pin retaining
	17 31380	0	Rod Assy., Connecting
	18 30682	0	Bolt, Connecting rod
	19 26073	0	Washer, Connecting rod bolt
	20 28264	0	Nut
	21 32115	0	Camshaft Assy. (Mech. compression release)
	22 27893	0	Lifter, Valve
	23 31577B	0	Cover, Cylinder
	24 28427	0	Seat, 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 31882	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 31889	0	Plug, Spark (Champion D-21 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
	44 27627	0	Tube, Breather
	45 27915	0	Gasket, Intake pipe
	46 30195A	0	Flange, Carburetor

Ref #	Part Number	Qty	Description
48	30196	0	Screw
50	650548	0	Screw, Hex washer hd., 8-32 x 5/16
51	30319	0	Rivet, Split
52	32326	0	Lever, Governor
54	28819	0	Spring, Fuel line
54	31778	0	Spring, Coil
55	30205	0	Bracket, Adjusting
56	32327	0	Link, Throttle
57	30985	0	Control, Throttle
57A	24522	0	Control, Throttle
59	29216	0	Nut
60	650152	0	Screw
61	29826	0	Screw
62	29642	0	Ring, Retaining
63	32325	0	Rod Assy., Governor
64	29536	0	Baffle, Blower housing
65	650561	0	Screw
66	30586	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	28820	0	Screw
88	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
88	650521	0	Screw
89A	31700	0	Element, Air cleaner
90	31692	0	Body, Air cleaner
91	30312	0	Screw, Hex washer hd. Sems, 10-32 x 1/2
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
106	31845	0	Shaft, Mechanical governor
107	30591	0	Gear Assy., Governor
107	31947	0	Gear Assy., Governor
108	29193	0	Ring, Retaining
109	32324	0	Spool, Governor
111	31694	0	Bracket, Fuel tank
113	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
113	650561	0	Screw
114	31301	0	Tank Assy., Fuel (1 gal.)
115A	30998B	0	Cap, Fuel filler (Red Plastic) (Sno Proof)
115	31888	0	Cap, Fuel filler (Kerosene)
115	32387A	0	Cap, Fuel filler (Charcoal Plastic) (Spurt

Ref #	Part Number	Qty	Description
115	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
116	650625	0	Washer, Thrust
117A	29683	0	Strainer & Shut-off
118	29774	0	Line, Fuel (Braided 8.25")
118	30705	0	Line, Fuel (Braided 16")
118	30962	0	Line, Fuel (Braided 32")
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	650599	0	Screw, Hex hd. cap, Sems, 1/4-20 x 1-1/2
144	650542	0	Screw, Hex hd. cap, 5/16 18 x 13/16
145	31871	0	Decal, Air cleaner
147	30363	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
193	27276	0	Cover, Spark plug
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.)
209	30939	0	Cover, Cylinder head
232	31548	0	Knob, Seed control
232	32410	0	Knob, Speed control
238	650489	0	Screw
240	30845A	0	Bolt, Governor adjusting
241	32329	0	Spring, Governor bolt
253	30767	0	Spacer, Air cleaner
260	29752	0	Nut

Ref #	Part Number	Qty	Description
260	650116	0	Nut, Lock
260	650456	0	Nut, Lock
261	650168	0	Washer, Flat
262	29716	0	Screw
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
276	31697	0	Strap, Fuel tank
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
296A	650147	0	Washer, Flat
296	28942	0	Screw
296	650229	0	Screw
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
318	650583	0	Washer, Flat
328	730127	0	Cleaner Assy., Air (Poly)
335	32130	0	Decal, Long Life
352	8274	0	Lockwasher
360	631067A	0	Carburetor
361	610689A	0	Magneto, Tecumseh
361A	33018	0	Harness, Adapter
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
	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 28820	0	Screw
	88 650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
	88 650521	0	Screw
	89A 31700	0	Element, Air cleaner
	90 31692	0	Body, Air cleaner
	91 30312	0	Screw, Hex washer hd. Sems, 10-32 x 1/2
	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°)
	103A 29633	0	Muffler
	104 28443	0	Nut, Conduit (1/8" thick)
	104 32862	0	Nut, Conduit (1/4" thick)
	110 30244	0	Nipple, Exhaust pipe (2-1/2")
	115 31888	0	Cap, Fuel filler (Kerosene)
	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 31871	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
	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

Ref #	Part Number	Qty	Description
291	31668	0	Bag, Pre-cleaner
315	28566	0	Fitting, Fuel
320	31883	0	Cup, Priming (Kerosene)
321	31884	0	Coupling, Pipe
322	31885	0	Bracket, Priming cup
323	31886	0	Clamp, Priming cup
324	28942	0	Screw
325	31887	0	Fitting, Fuel line
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	631067A	0	Carburetor