



Ref #	Part Number	Qty	Description
1	33867A	0	Cylinder Assy.
2	27652	0	Pin, Dowel
3	32630	0	Seal, Oil
4	27642	0	Plug, Drain
5	30699B	0	Rod Assy., Governor
5A	30699C	0	Rod Assy., Governor
6	30700	0	Yoke, Governor
7	650494	0	Screw
8	29642	0	Ring, Retaining
9	29916	0	Clamp, Governor lever
10	29826	0	Screw
11	29216	0	Nut
12	650548	0	Screw, Hex washer hd., 8-32 x 5/16
13	33454	0	Lever, Governor
14	29918	0	Lockwasher
15	30322	0	Nut & Lockwasher
16	29536	0	Baffle, Blower housing
17	650561	0	Screw
18	27275	0	Clip, Hi-tension wire
18A	29443	0	Clip, Fuel line
19	33624A	0	Crankshaft Assy.
20	29783	0	Pin, Crankshaft gear
21	33245	0	Gear, Crankshaft
22	34540	0	Piston, Pin & Ring Assy. (Std.) (3-1/16")
22	34541	0	Piston, Pin & Ring Assy. (.010 oversize)
22	34542	0	Piston, Pin & Ring Assy. (.020 oversize)
22A	33869B	0	Piston & Pin Assy. (Std.) (3-1/16")
22A	33870B	0	Piston & Pin Assy. (.010 oversize)
22A	33871B	0	Piston & Pin Assy. (.020 oversize)
23	27888	0	Ring, Piston pin retaining
24	33873	0	Ring Set, Piston (Standard) (3-1/16")
24	33874	0	Ring Set, Piston (.010 oversize)
24	33875	0	Ring Set, Piston (.020 oversize)
25	32591C	0	Rod Assy., Connecting
26	650662B	0	Bolt, Connecting rod
27A	32590	0	Plate, Lock & Oil dipper
27	34242	0	Dipper, Oil
28	34034	0	Lifter, Valve
29	33366	0	Camshaft (Compression Release)
30	33253	0	Gasket, Mounting flange
31	33626A	0	Cover, Cylinder
33	33625	0	Seal, Oil
34	31845	0	Shaft, Mechanical governor
35	30588A	0	Spool, Governor
36	29193	0	Ring, Retaining
37	30591	0	Gear Assy., Governor
38	33369	0	Bracket, Governor gear
39	650836	0	Screw, Hex washer hd. thread forming, 10-24
40	30590A	0	Washer, Flat
41	650488	0	Screw
42	650493	0	Screw, Hex hd. Sems, 1/4-20 x 1-3/4
43	33242	0	Valve, Intake (Standard)
43	33243	0	Valve, Intake (1/32" oversize)
44	27878A	0	Valve, Intake (Standard)
44	27880A	0	Valve, Intake (1/32" oversize)
45	27882	0	Cap, Upper valve spring
46	27881	0	Spring, Valve
47	32581	0	Cap, Lower valve spring

Engine Parts List #1

Ref #	Part Number	Qty	Description
48	650489	0	Screw
48	650516	0	Screw
49	27276	0	Cover, Spark plug
50	32589	0	Key, Flywheel
53A	33662	0	Hub & Screen Assy., Starter
54A	650815	0	Washer, Belleville
55	8116	0	Nut
56	34030	0	Head, Cylinder
57	33270	0	Gasket, Cylinder head
58	6021A	0	Screw, Hex flange hd., 5/16-18 x 1-1/2
58	650692	0	Screw, Hex hd., 5/16-18 x 1-3/4
58	650711	0	Screw, Hex hd., 5/16-18 x 1-5/8
58	650737	0	Screw, Hex washer hd. taptite, 1/4-20 x 1/2
59	650727	0	Screw, Special hex hd. tapped, 5/16-18 x
60	650691	0	Washer, Flat
61	33272	0	Cover, Cylinder head
62	26073	0	Washer, Connecting rod bolt
62	650570	0	Washer, Flat
63	650713	0	Screw, Hex hd., 5/16-18 x 5/8
63	792028	0	Screw, Hex hd. Sems, 5/16-18 x 7/8
65	33636	0	Plug, Spark (Champion J-8 or equivalent)
65	34251	0	Resistor Spark Plug
66	28423	0	Body, Breather
67	28424	0	Element, Breather
68	27896	0	Gasket, Breather cover
69	28425	0	Cover, Valve chamber
70	27627	0	Tube, Breather
71	650128	0	Screw
72	27915	0	Gasket, Intake pipe
73	33877	0	Pipe, Intake
74	33861	0	Gasket, Carburetor
75	650378	0	Screw
76	30088A	0	Screw, Phil. fil. hd. Sems, 1/4-28 x 1
77	29752	0	Nut
82	26073	0	Washer, Connecting rod bolt
82	650570	0	Washer, Flat
83	650273	0	Screw
83	650713	0	Screw, Hex hd., 5/16-18 x 5/8
83	650788	0	Screw, Hex hd. spin-lock thr'd forming,
83	792028	0	Screw, Hex hd. Sems, 5/16-18 x 7/8
86	33878	0	Link, Governor lever-to-throttle
89	33375B	0	Housing, Blower (6.375 dia. starter mtg.
90	29747A	0	Screw
112	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
113	33273	0	Extension, Blower housing
114	650128	0	Screw
115	29752	0	Nut
124	31301	0	Tank Assy., Fuel (1 gal.)
125	33032	0	Cap, Fuel filler (Red Plastic) (Spurt
125	34210	0	Cap, Fuel filler (Red Plastic) (Spurt
125	410144B	0	Cap, Fuel filler (White Plastic) (Std.)
126	29774	0	Line, Fuel (Braided 8.25")
126	30705	0	Line, Fuel (Braided 16")
126	30962	0	Line, Fuel (Braided 32")
127	26460	0	Clamp, Fuel line
157	33876	0	Gasket, Stator
160	33013	0	Cover, Starter bubble
161	650760	0	Screw

Engine Parts List #1

Ref #	Part Number	Qty	Description
222A	33463	0	Dipstick, Oil
224	29673	0	Gasket, Filler plug
247	34346	0	Decal, Instruction
247A	34316	0	Decal, Name
248	30547A	0	Contact Assy., Breaker
249	30548B	0	Condenser
250A	631021	0	Inlet Needle, Seat & Clip Assy.
251	631783	0	Carburetor
252	610865	0	Magneto, Tecumseh alternator (12 Volt) (3
253	590479	0	Starter, Rewind
257	33279C	0	Gasket Set



Ref #	Part Number	Qty	Description
64	650737	0	Screw, Hex washer hd. taptite, 1/4-20 x 1/2
75	650378	0	Screw
91	27793	0	Clip, Conduit
92A	33578	0	Spring Governor Spec. No. 40933K
92	32977	0	Spring, Torsion
93	30201A	0	Lever, Speed control
94	30712	0	Lever, Bellcrank
95A	650399	0	Screw, Phil. fil. hd. Sems, 10-32 x 5/8
96	30199A	0	Bracket, Speed control
97	29530	0	Bushing, Lever
98	32924	0	Spring, Compression
99	650688	0	Screw, Hex hd., 10-32 x 1-5/16" (Drilled
100	30312	0	Screw, Hex washer hd. Sems, 10-32 x 1/2
101	33450	0	Nut, Lock
102	33372	0	Link, Governor lever-to-bellcrank
103	28562	0	Bushing, Lever
104	730152	0	Control Assy., Speed
126	29774	0	Line, Fuel (Braided 8.25")
126	30705	0	Line, Fuel (Braided 16")
126	30962	0	Line, Fuel (Braided 32")
167	30747	0	Clip, Shorting
168	16645	0	Lockwasher
255	33329	0	Starter Motor Kit (110-120 Volt)
255	33329A	0	Starter Motor Kit (110-120 Volt)
255	33329B	0	Starter Motor Kit (110-120 Volt)
255	33519	0	Starter Motor Kit (110-120 Volt)
255	33519A	0	Starter Motor Kit (110-120 Volt)
255	33519B	0	Starter Motor Kit (110-120 Volt)
256	610847	0	Flywheel



Ref #	Part Number	Qty	Description
62	26073	0	Washer, Connecting rod bolt
62	650570	0	Washer, Flat
63	650713	0	Screw, Hex hd., 5/16-18 x 5/8
63	792028	0	Screw, Hex hd. Sems, 5/16-18 x 7/8
82	26073	0	Washer, Connecting rod bolt
82	650570	0	Washer, Flat
83	650273	0	Screw
83	650713	0	Screw, Hex hd., 5/16-18 x 5/8
83	650788	0	Screw, Hex hd. spin-lock thr'd forming,
83	792028	0	Screw, Hex hd. Sems, 5/16-18 x 7/8
112	30688	0	Screw, Hex hd. Sems, 1/4-20 x 1/2
123	28584	0	Strainer & Elbow
127	26460	0	Clamp, Fuel line
128	28819	0	Spring, Fuel line
144A	28820	0	Screw
145	27272	0	Gasket, Air cleaner
146	33268	0	Element, Air cleaner
147	33269A	0	Cover, Air cleaner
148	33267	0	Bracket, Air cleaner
148A	33266	0	Bracket, Air cleaner
149	650513	0	Nut, Wing
169	33627	0	Bearing, Ball
170	33628	0	Washer, Thrust
171	31855	0	Retainer, Bearing
172	650778	0	Washer, Lock
173	650580	0	Nut, Lock
185	730127	0	Cleaner Assy., Air (Poly)
185	730164	0	Cleaner Assy., Air (Paper)
198	27930	0	Gasket, Exhaust
199C	391026	0	Muffler
202	30209	0	Elbow, Exhaust (45°)
204	730130	0	Muffler Adapter Kit
247B	31752	0	Decal, Air cleaner