



Ref #	Part Number	Qty	Description
1	32586C	1	Cylinder (Incl. 2 & 20)
2	27652	2	Dowel Pin
4	30968	1	Oil Drain Extension
5	30969	1	Extension Cap
15B	650494	1	Screw, 6-40 x 5/16"
15	30699C	1	Governor Rod (Incl. 15A & 15B)
15A	30700	1	Governor Yoke
16	33454	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
20	32630	1	Oil Seal
25	36460	1	Blower Housing Baffle
26	650561	2	Screw, 1/4-20 x 5/8"
28	30322	1	Lock Nut, 8-32
30	35272	1	Crankshaft
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	1	Retaining Ring
40	34517	1	Piston, Pin & Ring Set (Std.)
40	34518	1	Piston, Pin & Ring Set (.010" OS)
40	34519	1	Piston, Pin & Ring Set (.020" OS)
41	32592B	1	Piston & Pin Ass'y. (Std.) (Incl. 43)
41	32593B	1	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	32594B	1	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	32595	1	Ring Set (Std.)
42	32596	1	Ring Set (.010" OS)
42	32597	1	Ring Set (.020" OS)
43	27888	2	Piston Pin Retaining Ring
45	32591C	1	Connecting Rod Ass'y. (Incl. 46 & 49)
46	650662C	2	Connecting Rod Bolt
48	34034	2	Valve Lifter
49	34242	1	Oil Dipper
50	32115	1	Camshaft (MCR)
60	30622A	1	Blower Housing Extension
61	34126	1	Grommet Mounting Bracket
62	650760	1	Screw, 8-32 x 3/8"
63	28545	1	Grommet
65	650128	1	Screw, 10-24 x 1/2"
69	30684	1	* Cylinder Cover Gasket
70	31303C	1	Cylinder Cover (Incl. 71, 75 & 80)
71	31546	1	Crankshaft Bushing
72	27642	1	Oil Drain Plug
75	28427	1	Oil Seal
80	31845	1	Governor Shaft
81	30590A	1	Washer
82	30591	1	Governor Gear Ass'y.
83	30588A	1	Governor Spool
84	29193	1	Retaining Ring
86	650488	7	Screw, 1/4-20 x 1-1/4"
87	650493	1	Screw, 1/4-20 x 1-3/4"
89	32589	1	Flywheel Key
90	611085	1	Flywheel
92	650815	1	Belleville Washer
93	8116	1	Flywheel Nut
100	34443A	1	Solid State Ignition
101	610118	1	Spark Plug Cover
102	650872	2	Solid State Mounting Stud

Ref #	Part Number	Qty	Description
103	651007	2	Screw, Torx T-15, 10-24 x 15/16"
110	35253	1	Ground Wire
110A	35305	1	Ground Wire
119	36453	1	* Cylinder Head Gasket
120	36446	1	Cylinder Head (Incl. 3 of 131)
125	27878A	1	Exhaust Valve (Std.) (Incl. 151)
125	27880A	1	Exhaust Valve (1/32" OS) (Incl. 151)
126	32783	1	Intake Valve (Std.) (Incl. 151)
126	32784	1	Intake Valve (1/32" OS) (Incl. 151)
127	650691	3	Washer
128	650690	3	Belleville Washer
129	650697A	2	Screw, 5/16-18 x 2-1/2"
130	650697A	3	Screw, 5/16-18 x 2-1/2"
131	650697A	3	Screw, 5/16-18 x 2-1/2"
135	33636	1	Resistor Spark Plug (RJ17LM)
139	31843A	1	Governor Gear Bracket
140	650965	2	Screw, Torx T-25, 10-24 x 1/2"
149	27882	2	Valve Spring Cap
150	27881	2	Valve Spring
151	32581	2	Valve Spring Keeper
169	27896A	2	* Breather Gasket
170	28423	1	Breather Body
171	28424	1	Breather Element
172	28425	1	Valve Cover
173	35350	1	Breather Tube
174	650128	2	Screw, 10-24 x 1/2"
182	650517	2	Screw, 1/4-20 x 27/32"
183	32398	1	Choke Bracket
184	31688A	1	* Carburetor To Intake Pipe Gasket
186	34661	1	Governor Link
200	34677	1	Control Bracket (Incl. 203,204 & 206)
203	31342	1	Compression Spring
204	650549	1	Screw, 5-40 x 7/16"
206	610973	1	Terminal
207	34662	1	Throttle Link
209	650821	2	Screw, 10-32 x 1/2"
215	35440	1	Control Knob
220	35439	1	Control Knob
222	28820	2	Screw, 10-32 x 1/2"
224	27915A	1	* Intake Pipe Gasket
260	35755	1	Blower Housing
262	29747B	2	Screw, Torx T-40, 5/16-24 x 21/32"
264A	30196	1	Screw, 5/16-18 x 3/4"
265	30939A	1	Cylinder Head Cover
269	35865	1	* Exhaust Manifold Gasket
272	30196	2	Screw, 5/16-18 x 3/4"
273	34712	1	Carburetor Flange
275	32401	1	Muffler
277	650694A	1	Screw, 5/16-18 x 2"
279B	26073	1	Washer
281	33013	1	Starter Bubble Cover
282	650760	1	Screw, 8-32 x 3/8"
285	35287B	1	Starter Cup
287	650926	3	Screw, 8-32 x 21/64"
290	29774	1	Fuel Line
291	30962	1	Fuel Line
292	26460	4	Fuel Line Clamp
295	35857	1	Fuel Shut-Off Valve

Ref #	Part Number	Qty	Description
298	650665	2	Screw, 1/4-15 x 3/4"
299	650764	1	"U" Type Nut
300	34186A	1	Fuel Tank (Incl. 292 & 301)
301	35355	1	Fuel Cap
305	35554	1	Oil Fill Tube
307	35499	1	"O" Ring
308	35540	1	Fill Tube Clip
310	36205	1	Dipstick
325	29443	1	Wire Clip
328	35062	2	Ignition Key
329	610973	1	Terminal
334	650257	2	Screw, 8-32 x 5/16"
335	35060	1	Carburetor Cover
336	650765	1	Screw, 10-32 x 1/2"
338	650760	1	Screw, 8-32 x 3/8"
340	34159	1	Fuel Tank Bracket
341	34158	1	Fuel Tank Bracket
342	650561	1	Screw, 1/4-20 x 5/8"
350	570682	1	Primer Ass'y.
351	32180C	1	Primer Line
355	590574	1	Starter Handle
370	36261	1	Instruction Decal
370A	35063	1	Throttle Decal
370B	34414	1	Warning Decal
370C	36501	1	Primer Decal
370D	34418	1	Choke Decal
370K	36695	1	Logo Decal
380	632371A	1	Carburetor (Incl. 184)
390	590707	1	Rewind Starter (Note: This engine could have been built with 590742 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange.) Refer to service bulletin 518).
396	33328D	1	Electric Starter Motor (Optional)
400	36454	1	* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27272A (1), 27896A (2), 27915A (1), 30684 (1), 31688A (1), 35865 (1), 36453 (1)
420	730226	1	SAE 5W 4-Cycle Engine Oil (Quart)
453	29538	1	Engine Mounting Base
454	650542	4	Screw, 5/16-18 x 3/4"