



Ref #	Part Number	Qty	Description
1	36469A	1	Cylinder (Incl. 2,20,72 & 125)
2	26727	2	Dowel Pin
14	28277	1	Washer
15	31334	1	Governor Rod
16	31510	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
19D	33857	1	Extension Spring Ass'y. (Incl. 213)
19	31426	1	Extension Spring
20	32600	1	Oil Seal
25	36552	1	Blower Housing Baffle (Incl. 262)
25A	35883	1	Baffle Extension
26	650802	2	Screw, 1/4-20 x 5/8"
26A	650926	1	Screw, 8-32 x 21/64"
30	34728	1	Crankshaft
40	36073	1	Piston, Pin & Ring Set (Std.)
40	36074	1	Piston, Pin & Ring Set (.010" OS)
40	36075	1	Piston, Pin & Ring Set (.020" OS)
41	36070	1	Piston & Pin Ass'y. (Std.) (Incl. 43)
41	36071	1	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	36072	1	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	36076	1	Ring Set (Std.)
42	36077	1	Ring Set (.010" OS)
42	36078	1	Ring Set (.020" OS)
43	20381	2	Piston Pin Retaining Ring
45	32875A	1	Connecting Rod Ass'y. (Incl. 46 & 49)
46	32610A	2	Connecting Rod Bolt
48	27241	2	Valve Lifter
49	32654	1	Oil Dipper
50	33158	1	Camshaft (BCR)
60	29745	1	Blower Housing Extension
62	650760	1	Screw, 8-32 x 7/16"
63	28545	1	Grommet
64	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
64A	8345	1	Washer
65	650128	1	Screw, 10-24 x 1/2"
68	33356	1	Ground Terminal
69	27677A	1	* Cylinder Cover Gasket
70	30756C	1	Cylinder Cover (Incl. 72 thru 83,311)
72	27642	2	Oil Drain Plug
75	28540	1	Oil Seal
80	30574A	1	Governor Shaft
81	30590A	1	Washer
82	30591	1	Governor Gear Ass'y. (Incl. 81)
83	30588A	1	Governor Spool
86	650488	7	Screw, 1/4-20 x 1-1/4"
89	610961	1	Flywheel Key
90	611195	1	Flywheel
92	650815	1	Belleville Washer
93	650816	1	Flywheel Nut
100	34443A	1	Solid State Ignition
101	27276	1	Spark Plug Cover
102	650872	2	Solid State Mounting Stud
103	651007	2	Screw, Torx T-15, 10-24 x 15/16"
110	36681	1	Ground Wire
119	36443	1	* Cylinder Head Gasket
120	36441	1	Cylinder Head (Incl. 130)
125	36471	1	Exhaust Valve (Std.) (Incl. 151)

Ref #	Part Number	Qty	Description
125	36472	1	Exhaust Valve (1/32" OS) (Incl. 151)
126	32644A	1	Intake Valve (Std.) (Incl. 151)
126	32645A	1	Intake Valve (1/32" OS) (Incl. 151)
127	650691	1	Washer
130B	650818	1	Screw, 5/16-18 x 1-1/2"
130A	6021A	2	Screw, 5/16-18 x 1-1/2"
130	650694A	5	Screw, 5/16-18 x 2"
133	650890	1	Lock Washer, 5/16
134	30747	1	Shorting Clip
135	33636	1	Resistor Spark Plug (RJ17LM)
150	31672	2	Valve Spring
151	31673	2	Valve Spring Cap
169	27234A	2	* Valve Cover Gasket
170	27666	1	Breather Body
171	31410	1	Breather Element
172	34146	1	Valve Cover
173	35350	1	Breather Tube
174	30200	2	Screw, 10-24 x 9/16"
178	29752	2	Nut & Lock Washer, 1/4-28
181	650870	1	Screw, 1/4-28 x 1-11/16"
182	6201	1	Screw, 1/4-28 x 7/8"
184	26756	1	* Carburetor To Intake Pipe Gasket
185	33666	1	Intake Pipe
186	32698	1	Governor Link
200	730136A	1	Control Bracket (Incl. 19,203 thru 20 9A)
203	31342	1	Compression Spring
204	650549	1	Screw, 5-40 x 7/16"
209	650139	2	Screw, 8-32 x 3/4"
209A	30322	2	Lock Nut, 8-32
210	27793	1	Conduit Clip
211	28942	1	Screw, 10-32 x 3/8"
213	28942	1	Screw, 10-32 x 3/8"
223A	650664	1	Screw, 1/4-20 x 1-19/32"
223	30646	1	Screw, 1/4-20 x 1-3/8"
224	33673A	1	* Intake Pipe Gasket
260	35585	1	Blower Housing
262	650737	2	Screw, 1/4-20 x 1/2"
267	34212	1	Hold Down Bracket
268	30200	1	Screw, 10-24 x 9/16"
274	33670A	1	* Exhaust Gasket
275	35771	1	Muffler (Incl. 274)
277	650327	2	Screw, 1/4-20 x 2-1/2"
285	36467A	1	Starter Cup
287	650926	2	Screw, 8-32 x 21/64"
290	30705	1	Fuel Line
292	26460	2	Fuel Line Clamp
298	650665	2	Screw, 1/4-15 x 7/8"
300	35584	1	Fuel Tank (Incl. 292 & 301)
301	35355	1	Fuel Cap
313	34080	1	Spacer
340	36247	1	Fuel Tank Bracket
342	650751	1	Screw, 1/4-20 x 7/16"
345	33344	1	Heat Baffle
370K	36695	1	Starter Decal
370A	36261	1	Lubrication Decal
380	631923	1	Carburetor (Incl. 184)

Ref #	Part Number	Qty	Description
390	590732	1	Rewind Starter (NOTE: This engine could have been built with 590738 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin 116).
400	36444	1	* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 26756 (1), 27234A (2), 27272A (1), 27677A (1), 29673 (1), 33670A (1), 33673A (1), 36443 (1)
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)



Ref #	Part Number	Qty	Description
16	31510	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
23	28458	1	Ball Bearing
27	28539	1	Bearing Retainer
28	30322	1	Lock Nut, 8-32
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
69	27677A	1	* Cylinder Cover Gasket
70	30756C	1	Cylinder Cover (Incl. 72 thru 83,311)
74A	28537	2	Washer
74	30200	2	Screw, 10-24 x 9/16"
75	28540	1	Oil Seal
86	650488	7	Screw, 1/4-20 x 1-1/4"
90	611195	1	Flywheel
92	650815	1	Belleville Washer
93	650816	1	Flywheel Nut
100	34443A	1	Solid State Ignition
101	27276	1	Spark Plug Cover
102	650872	2	Solid State Mounting Stud
103	651007	2	Screw, Torx T-15, 10-24 x 15/16"
169	27234A	2	* Valve Cover Gasket
170	27666	1	Breather Body
171	31410	1	Breather Element
172	34146	1	Valve Cover
173	35350	1	Breather Tube
174	30200	2	Screw, 10-24 x 9/16"
200	730136A	1	Control Bracket (Incl. 19,203 thru 20 9A)
203	31342	1	Compression Spring
204	650549	1	Screw, 5-40 x 7/16"
209A	30322	2	Lock Nut, 8-32
209	650139	2	Screw, 8-32 x 3/4"
238	650152	2	Screw, 8-32 x 3/8"
239	27272A	1	* Air Cleaner Gasket
242	31914	1	Air Cleaner Base
243	28820	2	Screw, 10-32 x 1/2"
245	30727	1	Air Cleaner Filter
250	31715	1	Air Cleaner Cover
262	650737	2	Screw, 1/4-20 x 1/2"
275	35771	1	Muffler (Incl. 274)
285	36467A	1	Starter Cup
290	30705	1	Fuel Line
298	650665	2	Screw, 1/4-15 x 7/8"
311	27625	2	Oil Fill Plug
313	34080	1	Spacer
380	631923	1	Carburetor (Incl. 184)
390	590732	1	Rewind Starter (NOTE: This engine could have been built with 590738 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin 116).