

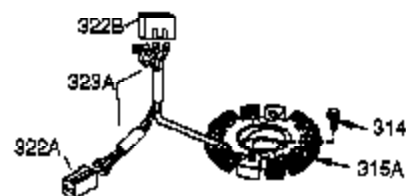
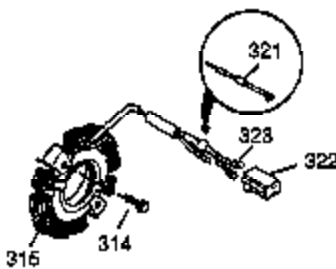
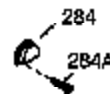
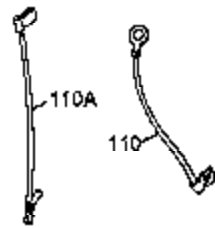
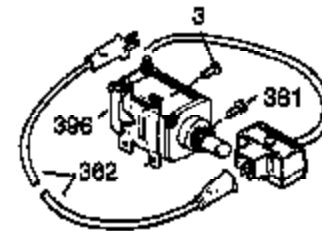
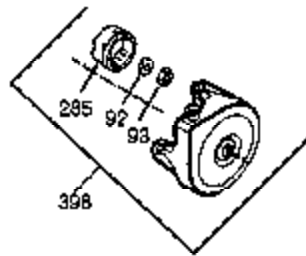
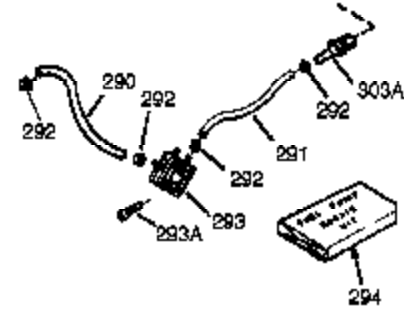
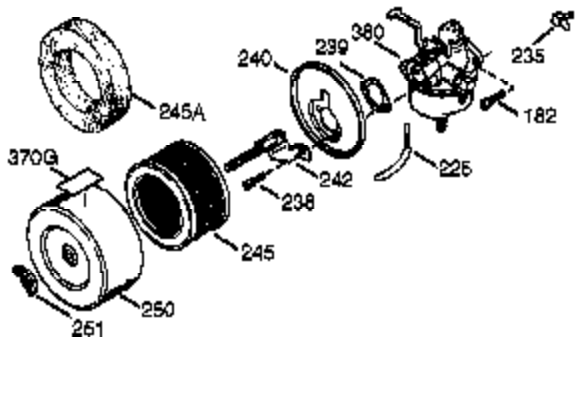
Engine Parts List #1

Ref #	Part Number	Qty	Description
1	35677A	1	Cylinder (Incl. 2, 20, 72 & 80)
2	27652	2	Dowel Pin
14A	28558	1	Washer
14	28277	1	Washer
15	35685	1	Governor Rod (Incl. 14 & 38)
16	35686	1	Governor Lever
17	29916	1	Governor Lever Clamp
18	650548	1	Screw, 8-32 x 5/16"
19	35688	1	Extension Spring
20	35319	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	35680A	1	Crankshaft
31	35327	1	Counterbalance Gear
35	29826	1	Screw, 10-32 x 3/4"
36	29918	1	Lock Washer
37	29216	1	Lock Nut, 10-32
38	29642	3	Retaining Ring
40	35776	1	Piston, Pin & Ring Set (Std.)
40	35777	1	Piston, Pin & Ring Set (.010" OS)
40	35778	1	Piston, Pin & Ring Set (.020" OS)
41	35773	1	Piston & Pin Ass'y. (Std.) (Incl. 43)
41	35774	1	Piston & Pin Ass'y. (.010" OS) (Incl. 43)
41	35775	1	Piston & Pin Ass'y. (.020" OS) (Incl. 43)
42	35779	1	Ring Set (Std.)
42	35780	1	Ring Set (.010" OS)
42	35781	1	Ring Set (.020" OS)
43	35772	2	Piston Pin Retaining Ring
45	35681	1	Connecting Rod Ass'y. (Incl. 46 & 47)
46	650908	1	Connecting Rod Bolt
47	650882	1	Connecting Rod Bolt
48	35313	2	Valve Lifter
50	35682A	1	Camshaft (MCR)
51	35315A	1	Counterbalance Weight
60	35316A	1	Blower Housing Extension
64	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
65	650128	1	Screw, 10-24 x 1/2"
66	650561	1	Screw, 1/4-20 x 5/8"
69	35683	1	* Cylinder Cover Gasket
70	35684A	1	Cylinder Cover (Incl. 14, 15, 38, 71, 75)
71	35377	1	Crankshaft Bushing
72	27642	2	Oil Drain Plug
75	35319	1	Oil Seal
80	35751	1	Governor Shaft
81	35479	2	Washer
82	35321	1	Governor Gear Ass'y.
83	35322	1	Governor Spool
84	29193	1	Retaining Ring
86	650833	7	Screw, 1/4-20 x 1-3/16"
87	650832	1	Screw, 1/4-20 x 1-11/16"
89	32589	1	Flywheel Key
90	611090	1	Flywheel
92	650880	1	Lock Washer
93	650881	1	Flywheel Nut
100	35135	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"
119	35306A	1	* Cylinder Head Gasket
120	35307	1	Cylinder Head
121	730218	2	Valve Guide Kit (Incl. 2 of 122)
122	792035	2	Retaining Ring
125	35308	1	Exhaust Valve (Std.)
125	35433	1	Exhaust Valve (1/32" OS)
126	35309	1	Intake Valve (Std.)
126	35432	1	Intake Valve (1/32" OS)
127	650691	6	Washer
128	650690	6	Belleville Washer
129	650746	2	Screw, 5/16-18 x 1-3/8"
130	650692	4	Screw, 5/16-18 x 1-3/4"
135	34046	1	Resistor Spark Plug (RL86C)
141	33481	4	* "O" Ring (Also Incl. in 401)
142	35475	2	Push Rod Tube
143	35310	1	Rocker Arm Housing
144	33484	1	* "O" Ring (Also Incl. in 401)
145	650168	1	Washer
146	32610A	1	Screw, 1/4-20 x 29/32"
147	33509	1	* "O" Ring (Also Incl. in 401)
148	34410	1	* "O" Ring (Also Incl. in 401)
149	33510	2	Valve Spring Cap
150	33507	2	Valve Spring
151	33508	2	Valve Spring Keeper
152	35295	2	* "O" Ring (Also Incl. in 401)
153	35296	1	Push Rod Guide
154	650878	2	Rocker Arm Stud
155	35297	2	Rocker Arm
156	35298	2	Rocker Arm Bearing
157	28264	2	* Lock Nut (Incl. 162) (Also Incl. in 4 01)
158	35466	2	Push Rod
159	35299B	1	* "O" Ring (Incl. 2 of 161) (Also Incl. in 401)
160	35713	1	Rocker Arm Housing
161	650879	2	Screw, Torx T-20, 8-32 x 1/2"
162	650903	2	Jam Nut
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"
179	30593	1	Retaining Clip
180	35301	1	Blower Housing Extension
181	650128	1	Screw, 10-24 x 1/2"
182	650517	2	Screw, 1/4-20 x 27/32"
184	33263	1	* Carburetor To Intake Pipe Gasket
185	35690	1	Intake Pipe
186	35691	1	Governor Link
200	35702	1	Control Bracket (Incl.203,204,206,210 & 211)
202	36482	1	Compression Spring
203	31342	1	Compression Spring
204	650549	1	Screw, 5-40 x 7/16"
205	650777	1	Screw, 6-32 x 21/32"
206	610973	1	Terminal
207	35692	1	Throttle Link
209	650821	2	Screw, 10-32 x 1/2"
210	27793	1	Conduit Clip

Engine Parts List #1

Ref #	Part Number	Qty	Description
211	28942	1	Screw, 10-32 x 3/8"
212	30773A	1	Bushing
213	650930	1	Screw, 10-32 x 5/8"
216	35679	1	R.P.M. Adjusting Lever
223	650971	2	Screw, Torx T-30, 5/16-18 x 7/8"
224	33515A	1	* Intake Pipe Gasket
260	35716	1	Blower Housing
261	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
262	29747B	2	Screw, Torx T-40, 5/16-24 x 21/32"
265	35290	1	Cylinder Head Cover
266	650876	2	Screw, 5/16-18 x 1-1/4"
269	35762	1	* Exhaust Gasket
270A	35829A	1	Exhaust Port Liner
270	35292	1	Exhaust Manifold
271	35293	1	Locking Plate
275	37250	1	Muffler
276	35348	1	Locking Plate
277	650877	2	Screw, 5/16-18 x 4-1/2"
281	33013	1	Starter Bubble Cover
282	650760	1	Screw, 8-32 x 3/8"
285	35985B	1	Starter Cup
287	29752	4	Nut & Lock Washer, 1/4-28
290	30962	1	Fuel Line
292	26460	2	Fuel Line Clamp
298	650665	2	Screw, 1/4-15 x 3/4"
300	34156A	1	Fuel Tank (Incl. 292 & 301)
301	36246	1	Fuel Cap
305	35574	1	Oil Fill Tube
307	35499	1	"O" Ring
308	35539	1	Fill Tube Clip
310	35700	1	Dipstick
340	35696	1	Fuel Tank Bracket
341	35697	1	Fuel Tank Bracket
342	792028	2	Screw, 5/16-18 x 7/8"
345	35699	1	Heat Baffle
370A	36261	1	Lubrication Decal
370C	35703	1	Throttle Decal
370B	35274	1	Instruction Decal
370K	36695	1	Starter Decal
380	632519	1	Carburetor (Incl. 184)
390	590704	1	Rewind Starter (Note: This engine could have been built with 590671 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do ninterchange.)
400	35331B	1	*Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27272A (1),27896A (2), 28264 (2), 33263 (1), 33481 (4), 33484 (1), 33509 (1), 33515A (1), 33629 (2), 34410 (1), 34912 (1), 35295 (2), 35299B (1), 35306A (1), 35317 (1), 35683 (1), 35762 (2)
401	35332	1	"O" Ring Kit (Also incl. in 400) 28264 (2), 33481 (4), 33484 (1), 33509 (1), 34410 (1), 35295 (2), 35299B (1)
414	35352	1	Spark Arrestor Screen
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)



Ref #	Part Number	Qty	Description
64	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
92	650880	1	Lock Washer
93	650881	1	Flywheel Nut
110	35187	1	Ground Wire
129	650746	2	Screw, 5/16-18 x 1-3/8"
182	650517	2	Screw, 1/4-20 x 27/32"
225	35043	1	Carburetor Tube
238	28820	2	Screw, 10-32 x 1/2"
239	27272A	1	* Air Cleaner Gasket
240	32380	1	Air Cleaner Body
242	32377	1	Air Cleaner Bracket
245A	36727	1	Air Cleaner Filter
245	31925	1	Air Cleaner Filter
250	31926	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20"
284	35428	1	Exhaust Deflector
284A	650760	3	Screw, 8-32 x 3/8"
285	35985B	1	Starter Cup
290	30962	1	Fuel Line
292	26460	2	Fuel Line Clamp
380	632519	1	Carburetor (Incl. 184)
414	35352	1	Spark Arrestor Screen