

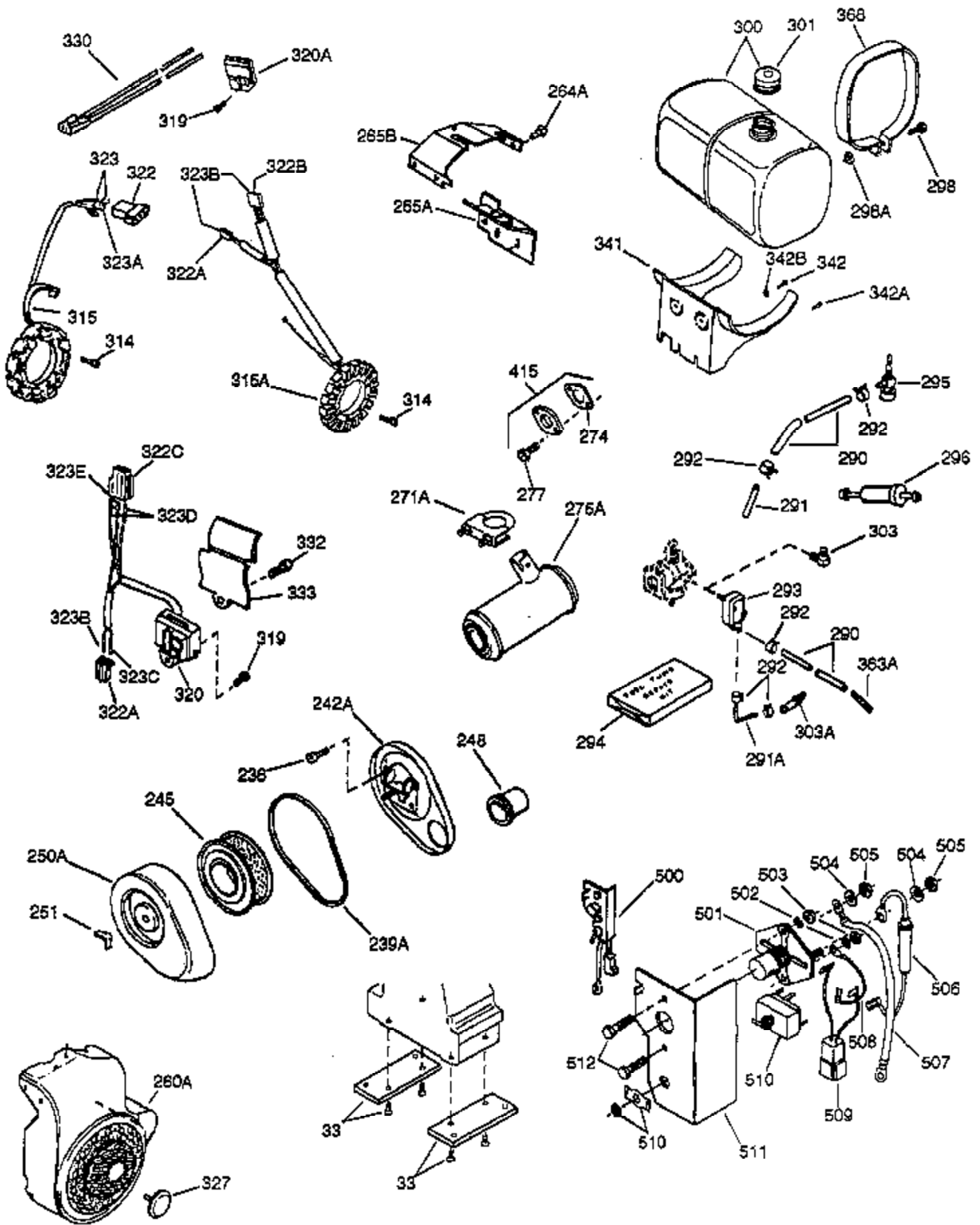
Ref #	Part Number	Qty	Description
1	34648A	1	Cylinder (Incl. 2, 20, 72 & 72A)
2	27652	2	Dowel Pin
14A	28558	1	Washer
15	32425	1	Governor Rod
16B	31965	1	Governor Spring Plate
16	31963	1	Governor Lever
17	31964	1	Governor Lever Clamp
18	650544	1	Screw, Torx T-25, 10-24 x 7/8"
19	31967	1	Extension Spring
20A	32599	1	* "O" Ring
20	31950	1	* Oil Seal
24	31932	2	Tapered Roller Bearing
24A	31928	2	Bearing Cup
25	32579	1	Blower Housing Baffle
25B	651031	1	Screw, 1/4-20 x 9/16"
25A	33477A	1	Air Baffle
26	650561	3	Screw, 1/4-20 x 5/8"
30	34019A	1	Crankshaft(Incl. 24,24A,31,31A,108 & 109)
31A	33499	1	Spacer
31	33963	1	Counterbalance Gear
35	30312	1	Screw, 10-32 x 1/2"
37	7975	1	Lock Nut, 10-24
38	29193	1	Retaining Ring
38A	650518	1	Washer
40	34624	1	Piston, Pin & Ring Set (Std.)
40	34625	1	Piston, Pin & Ring Set (.010" OS)
40	34626	1	Piston, Pin & Ring Set (.020" OS)
41	34629	1	Piston & Pin Ass'y (Std.) (Incl. 43)
41	34630	1	Piston & Pin Ass'y (.010" OS) (Incl. 43)
41	34631	1	Piston & Pin Ass'y (.020" OS) (Incl. 43)
42	34635	1	Ring Set (Std.)
42	34636	1	Ring Set (.010" OS)
42	34637	1	Ring Set (.020" OS)
43	34634	2	Piston Pin Retaining Ring
45	34640	1	Connecting Rod Ass'y (Incl.46 - 46B)
45	35243	1	Connecting Rod Ass'y (.010" US)(Incl. 46-46B)
45	35244	1	Connecting Rod Ass'y (.020" US)(Incl. 46-46B)
46A	26073	2	Washer
46B	28264	2	Nut
46	32077	2	Connecting Rod Bolt
48	33472	2	Valve Lifter
50	34752	1	Camshaft (MCR)
51A	33503	4	Thrust Washer
51	34651	2	Counterbalance Weight (Incl. 51C)
51D	33502	2	Counterbalance Shaft
51C	33501	4	Needle Roller Bearing
51B	792017	2	Retainer Ring
60	33479	1	Blower Housing Extension
69	31956B	1	* Cylinder Cover Gasket
70A	32577	1	Cylinder Cover (See Ref. #'s 480-482)
70	34758	1	Cylinder Cover (Incl. 51D, 72A & 75)
72A	28534	2	Oil Drain Plug
72A	28534	2	Oil Plug
72	31927	2	Oil Drain Plug
75	31950	1	Oil Seal
81A	650745	1	Washer
81	30590A	1	Washer
82	34751	1	Governor Gear Ass'y

Ref #	Part Number	Qty	Description
83	35322	1	Governor Spool
86A	792028	3	Screw, 5/16-18 x 7/8"
86	650492	1	Screw, 1/4-20 x 2-1/4"
87	650451	8	Screw, 1/4-20 x 1"
88	32426	1	Spacer
89	650592	1	Flywheel Key
90A	730201	1	Trigger Pin Kit
90	610909	1	Flywheel (w/ring gear) (Incl. 90A)
92	650666	1	Washer
93	650594	1	Flywheel Nut
94A	650744	1	Screw 10-24 x 7/8"
100	610906	1	Solid State Ignition
101	610118	1	Spark Plug Cover
101A	610750	1	Grommet
103	650661	2	Screw, 1/4-20 x 3/4"
108	29783	1	Crankshaft Pin
109	34692	1	Crankshaft Gear
119	34641A	1	* Cylinder Head Gasket
120	34771	1	Cylinder Head
121	730218	2	Valve Guide Kit (Incl. 2 of 122)
122	792035	2	Retaining Ring
125	33506	1	Exhaust Valve (Std.) (Incl. 151)
125	33646	1	Exhaust Valve (1/32" OS) (Incl. 151)
126	34643	1	Intake Valve (Std.) (Incl. 151)
126	34644	1	Intake Valve (1/32" OS) (Incl. 151)
127	650691	6	Washer
128	650690	6	Belleville Washer
129	650692	4	Screw, 5/16-18 x 1-3/4"
130	650746	2	Screw, 5/16-18 x 1-3/8"
133C	650595	1	Screw, 5/16-24 x 3/8"
133B	8274	1	Lock Washer
135	34645	1	Resistor Spark Plug (RN4C)
141	33481	4	* "O" Ring (Also Incl. in 401)
142	35475	2	Push Rod Tube
143	34754	1	Rocker Arm Housing
144	33484	3	* "O" Ring (Also Incl. in 401)
145	650168	3	Washer
146	32610A	3	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
154	650756	2	Rocker Arm Stud
155	33485	1	Rocker Arm
157	33486	2	Retaining Ring
158	33471	2	Push Rod
159	33487	1	* "O" Ring (Also Incl. in 401)
160	33488	1	Rocker Arm Housing
161	650755	1	Screw, 1/4-20 x 3/4"
162	650864	1	Nut, 1/4-20
169	31958A	1	* Valve Cover Gasket (Also Incl. in 401)
170	33489	1	Breather Body
173	33490	1	Breather Tube
174	30102	2	* Screw 10-32 x 5/8" (Also Incl. in 401)
182	651049	2	Screw, Torx T-30, 5/16-18 x 1-3/32"
184	33476A	2	* Carburetor To Intake Pipe Gasket
185	33475	1	Intake Pipe

## Engine Parts List #1

Ref #	Part Number	Qty	Description
186	33478	1	Governor Link
200A	34404	1	Control Bracket
200	34403	1	Speed Control
203	33099	1	Compression Spring
204	650591	1	Screw, 10-24 x 2"
209	650561	1	Screw 1/4-20 x 19/32"
209A	650641	1	Hex Nut 9/16-18
212	31966	1	Bushing
213	650597	1	Screw, 10-24 x 5/8"
216	31984A	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
238	650399	4	Screw, 10-32 x 5/8"
239	35471	1	* Air Cleaner Gasket
245	32008	1	Air Cleaner Element
251	650513	1	Wing Nut, 1/4-20
260	34195B	1	Blower Housing
261A	650751	1	Screw, 1/4-20 x 7/16"
261	650752	1	Screw, 1/4-20 x 7/16"
264	650650	2	Screw, 10-16 x 3/8"
265	33495	1	Cylinder Head Cover
275	35731	1	Muffler
286	33776	1	Starter Screen
287	27070	3	Washer
287A	650680	3	Screw, 1/4-20 x 1-1/2"
305	32352	1	Oil Fill Tube
305A	34650	1	Oil Gage Tube
306	29673	1	* Oil Fill Tube Gasket
307	29985	1	"O" Ring
310	33068	1	Oil Dipstick (Incl. 307)
319B	650595	1	Screw, 5/16-24 x 3/8"
319A	8274	1	Lock Washer
324A	610408	2	Nut, 8-32
324	610908	1	Terminal
348	34194A	1	Air Cleaner Tube
355	590701	1	Starter Handle
361A	650797	1	Screw 5/16-18 x 1/2"
361	650781	1	Screw 5/16-18 x 11/16"
366A	32143	1	Muffler Nipple
367	650590	1	Nut
370B	35274	1	Instruction Decal
370A	35532	1	Name Decal
370	36261	1	Instruction Decal
380	632477	1	Carburetor (Incl. 184)
392	32046	1	Starter Rope
393	31980	1	Starter Rope Pulley
395	33835	1	Electric Starter Motor (12 Volt)
400	33516G	1	* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 29673 (1), 30 102 (2), 31950 (2), 31956B (1), 31958A (1), 31971 (2), 31972 (1), 32031 ( 1), 32599 (1), 33476A (2), 33481 (4), 33484 (3), 33487 (1), 33509 (1), 335 15A (1), 34225A (1), 34302A (1), 34410 (1), 34641A (1), 35471 (1)
401	35075A	1	* "O" Ring Set (Also Incl. in 400) 30102 (2), 31958A (1), 33481 (4), 33484 (3), 33487 (1), 33509 (1), 34410 (1)
409	31992	3	Spacer
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)
480	31971	2	* Shim Gasket (.004/.005) (See Repair M anual)

Ref #	Part Number	Qty	Description
481	31972	1	* Shim Gasket (.005/.007) (See Repair Manual)
482	32031	1	* Steel Spacer (.010) (See Repair Manual)



Ref #	Part Number	Qty	Description
16B	31965	1	Governor Spring Plate
238	650399	4	Screw, 10-32 x 5/8"
239A	34197	1	Air Cleaner Gasket
242A	35473	1	Air Cleaner Bracket
245	32008	1	Air Cleaner Element
250A	34193	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
261A	650751	1	Screw, 1/4-20 x 7/16"
271A	35732	1	Muffler Clamp
290	29774	1	Fuel Line (1.12")
291A	29774	1	Fuel Line (6.00")
291	30962	1	Fuel Line (21.00")
292	26460	4	Fuel Line Clamp
293	35807	1	Pulse Pump
294	35791	1	Pulse Pump Repair Kit
295	29683	1	Fuel Shut-Off Valve
298A	650456	2	Lock Nut 1/4-20
298	650488	2	Screw 1/4-20 x 1-1/4"
300	33979	1	Fuel Tank (Incl. 301)
303	29634	1	Fuel Fitting
303A	29634	1	Fuel Fitting
314	650521	2	Screw 10-32 x 1-1/8"
315A	611214	1	Alt. Coil (20 Amp) (Incl. 322, 322A & 323)
319	651026	1	Screw 1/4-20 x 1/2"
320A	611215	1	Regulator (20 Amp)
322	610824	1	Connector Body
322A	610921	1	Connector Body
323	610922	2	Terminal
341	33978	1	Fuel Tank Bracket
342	650786	2	Screw 1/4-20 x 5/8"
342A	650785	2	Screw 5/16-18 x 5/8"
342B	650787	2	Belleville Washer
348	34194A	1	Air Cleaner Tube
355	590701	1	Starter Handle
368	33980	2	Fuel Tank Strap
500	730198	1	Electric Start Switch Assy
501	34616	1	Starter Switch
502	27513	2	Lock Washer
503	650864	1	Hex Nut
504	8274	2	Lock Washer
505	650586	2	Jam Nut
506	34620	1	Wire & Fuse
507	34618	1	Starter Wire
508	34619	1	Ground Wire
509	34617	1	Adapter Cord
510	34615	1	Toggle Switch
511	34614	1	Starter Button Bracket
512	792026	2	Screw 1/4-20 x 5/8"