

## Engine Parts List #1

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
16	31963	1	Governor Lever
16B	31965	1	Governor Spring Plate
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
24A	31928	2	Bearing Cup
24	31932	2	Tapered Roller Bearing
25B	650738	1	Screw, 1/4-20 x 5/8"
25A	34285	1	Air Baffle
25	32579	1	Blower Housing Baffle
26	650561	3	Screw, 1/4-20 x 5/8"
30	33497C	1	Crankshaft
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)
46	32077	2	Connecting Rod Bolt
46B	28264	2	Nut
46A	26073	2	Washer
48	33472	2	Valve Lifter
50	34752	1	Camshaft (MCR)
51	34651	2	Counterbalance Weight
51A	33503	4	Washer
51B	792017	2	Retainer Ring
51C	33501	4	Needle Roller Bearing
51D	33502	2	Counterbalance Shaft
69	31956B	1	* Cylinder Cover Gasket
70A	32577	1	Cylinder Cover (See Ref. #'s 480-482)
70	34649	1	Cylinder Cover (Incl. 15D,72,72A&75)
72A	28534	2	Oil Drain 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
83	35322	1	Governor Spool
86	650492	1	Screw, 1/4-20 x 2"
86A	792028	3	Screw, 5/16-18 x 7/8"

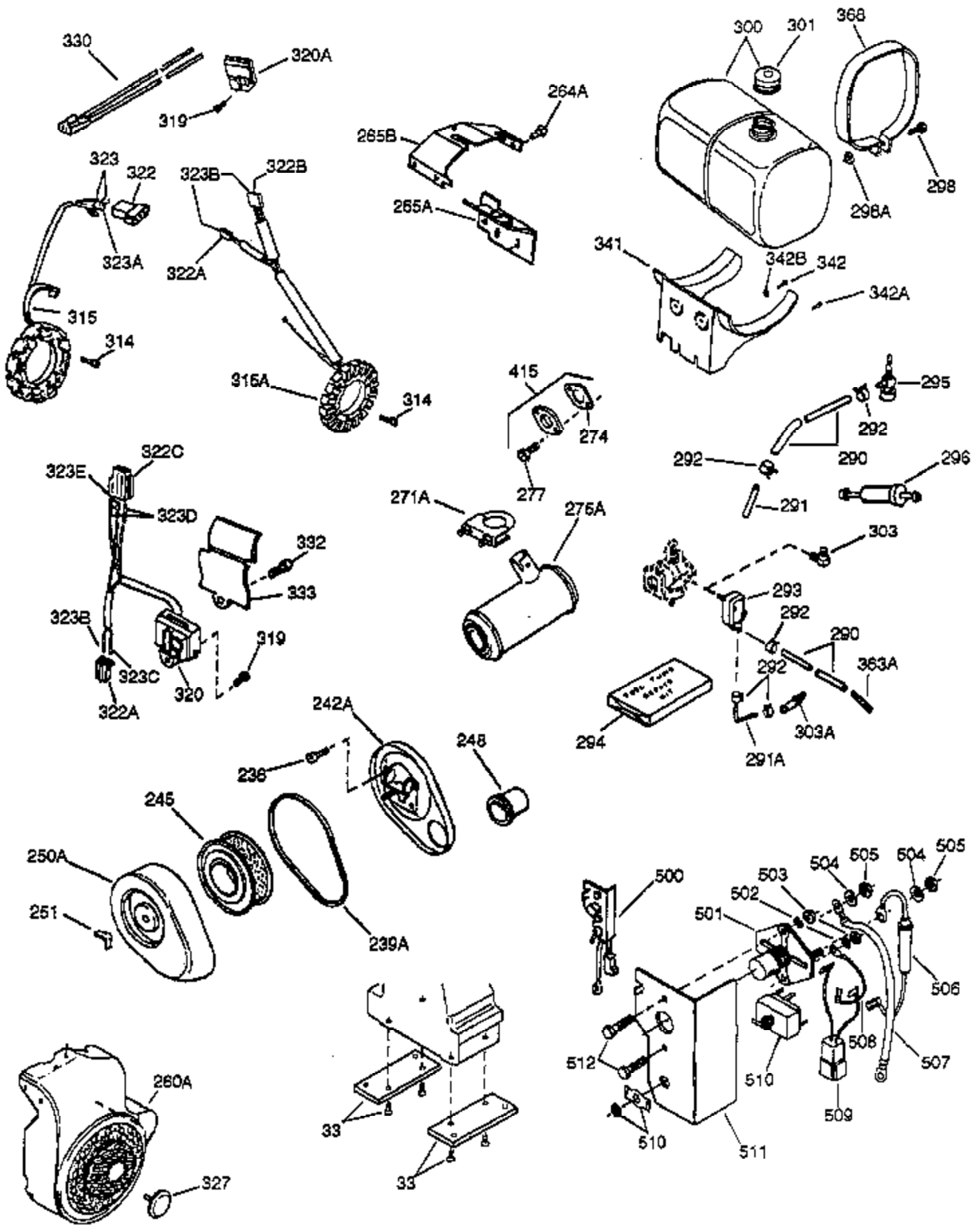
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Ref #	Part Number	Qty	Description
87	650451	8	Screw, 1/4-20 x 1"
88	32426	1	Spacer
89	650592	1	Flywheel Key
90A	730201	1	Trigger Pin Kit
90	610909	1	Flywheel (Incl. 90A)
92	650666	1	Washer
93	650594	1	Flywheel Nut
100	610906	1	Solid State Ignition
101A	610750	1	Grommet
101	610118	1	Spark Plug Cover
103	650661	2	Screw, 1/4-20 x 3/4"
108	29783	1	Crankshaft Pin
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"
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 40 1)
182	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
184	33476A	2	* Carburetor To Intake Pipe Gasket
185	33475	1	Intake Pipe
186	33478	1	Governor Link
200B	34403	1	Speed Control Assy
200A	34404	1	Control Bracket
203	33099	1	Compression Spring
204	650591	1	Screw, 10-24 x 2"

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Ref #	Part Number	Qty	Description
209A	650641	1	Hex Nut
209	650561	1	Screw 1/4-20 x 19/32"
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
242	35473	1	Air Cleaner Bracket
245	32008	1	Air Cleaner Element
250	34193	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
260	34195B	1	Blower Housing
261	650752	1	Screw, 1/4-20 x 7/16"
261A	650751	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
305	32352	1	Oil Fill Tube
307	29673	1	* "O" Ring
309	650744	1	Screw, 10-24 x 7/8"
310	33068	1	Dipstick
310	34650	1	Oil Fill Plug
311	33068	1	Oil Fill Plug
312	29985	1	"O" Ring
319A	8274	2	Lock Washer
319B	650595	2	Screw, 5/16-24 x 3/8"
324	610908	1	Terminal
324A	610408	2	Nut, 8-32
340	33978	1	Fuel Tank Bracket
361	650781	3	Screw, 5/16-18 x 11/16"
361A	650797	1	Screw, 5/16-18 x 1/2"
366A	32143	1	Muffler Nipple
367	650590	1	Nut
370	36261	1	Instruction Decal
370A	35532	1	Name Decal
370B	35274	1	Instruction Decal
380	632456	1	Carburetor (Incl. 184)
390	590405A	1	Rewind Starter
395	33835	1	Electric Starter Motor (12 Volt)
398F	32048	1	Starter Hub
398B	650598	4	Screw, 1/4-28 x 3/4"
398C	8345	4	Washer
398D	650516	3	Screw, 1/4-20 x 1-1/8"
398E	32049	1	Starter Hub Screen
400	33516G	1	* Gasket Set (Incl. items marked PK in notes) Incl. part #'s 29673 (1), 30102 (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), 33515A (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)
409A	650675	3	Washer
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)
480	31971	2	* Shim Gasket (.004/.005) (See Repair Manual)
481	31972	1	* Shim Gasket (.005/.007) (See Repair Manual)

Ref #	Part Number	Qty	Description
482	32031	1	* Steel Spacer (.010) (See Repair Manua l)



Ref #	Part Number	Qty	Description
16B	31965	1	Governor Spring Plate
200B	34403	1	Speed Control Assy
238	650399	4	Screw, 10-32 x 5/8"
239A	34197	1	Air Cleaner Gasket
245	32008	1	Air Cleaner Element
248	34194A	1	Air Cleaner Tube
251	650513	1	Wing Nut, 1/4-20
261A	650751	1	Screw, 1/4-20 x 7/16"
264A	650128	2	Screw, 10-24 x 1/2"
265B	34413	1	Cylinder Head Cover (upper)
265A	34283	1	Cylinder Head Cover
271A	35732	1	Muffler Clamp
290	29774	2	Fuel Line
291	30962	1	Fuel Line
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
303A	29634	2	Air Cleaner Elbow Fitting
309	650744	1	Screw, 10-24 x 7/8"
311	33068	1	Oil Fill Plug
312	29985	1	"O" Ring
314	650521	2	Screw, 10-32 x 1-1/8"
315	610902	1	Alternator Coil (20 Amp) (Incl. 322 - 323A)
319	30063	1	Screw, Torx T-30, 1/4-20 x 1/2"
320	610996	1	Regulator (20 Amp)
322	611200	1	Connector Body
323A	610905	2	Terminal
323	610904	1	Terminal
340	33978	1	Fuel Tank Bracket
342B	650787	2	Washer
342A	650785	2	Screw, 5/16-18 x 5/8"
342	650786	2	Screw, 1/4-20 x 5/8"
363A	34148	1	Fuel Line Spring
363A	34148	1	Fuel Line Spring
368	33980	2	Fuel Tank Strap
390	590405A	1	Rewind Starter
500	730198	1	Electric Starter Ass'y