

Engine Parts List #1

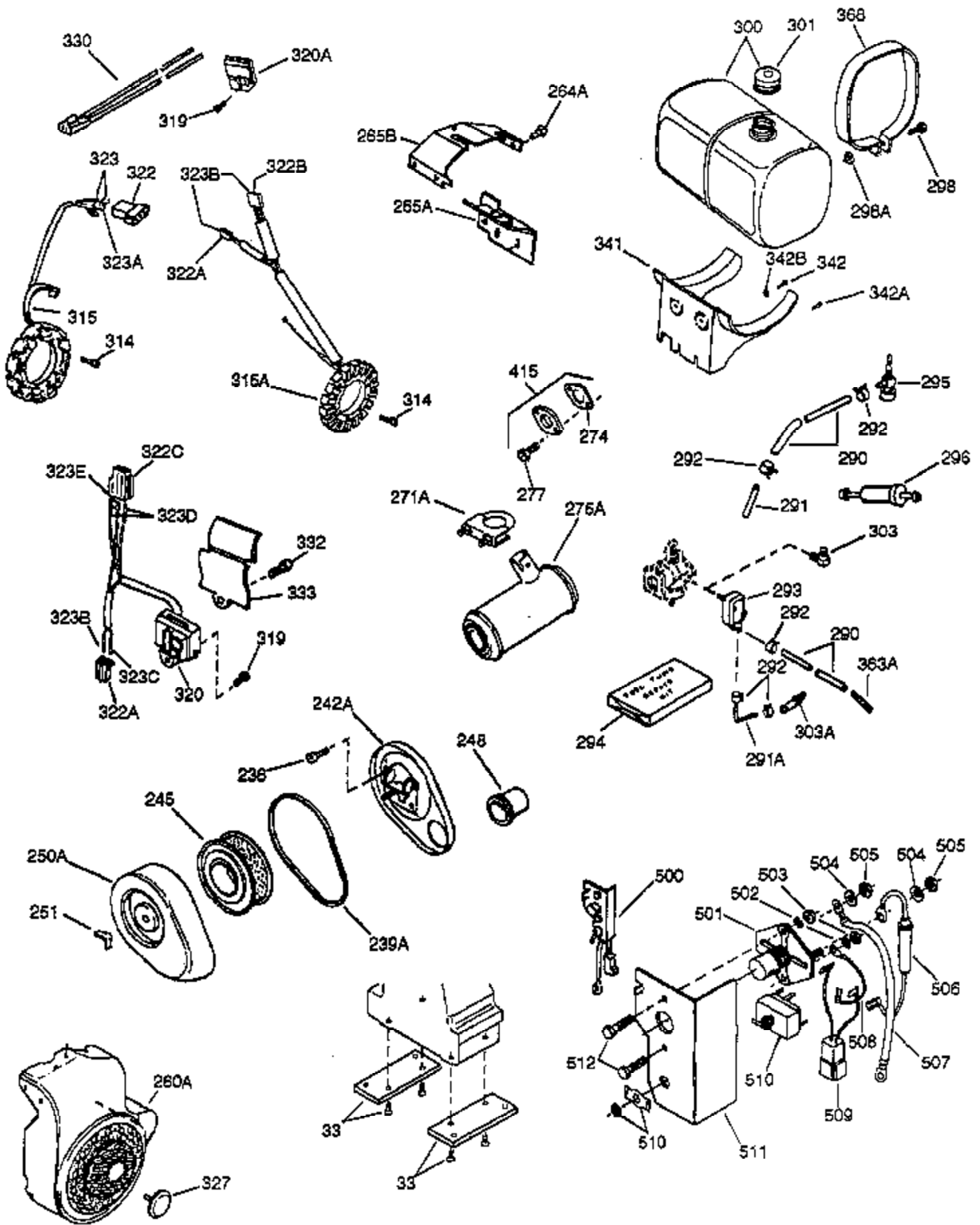
Ref #	Part Number	Qty	Description
	1 34648A	1	Cylinder (Incl. 2, 20, 72 & 72A)
	2 27652	2	Dowel Pin
	14A 28558	1	Washer
	15 32425	1	Governor Rod
	16 31963	1	Governor Lever
	16B 31965	1	Governor Spring Plate
	17 31964	1	Governor Lever Clamp
	18 650544	1	Screw, Torx T-25, 10-24 x 7/8"
	19 34021	1	Governor Spring
	20A 32599	1	* "O" Ring
	20 31950	1	* Oil Seal
	24 31932	2	Tapered Roller Bearing
	24A 31928	2	Bearing Cup
	25A 33477A	1	Air Baffle
	25 32579	1	Blower Housing Baffle
	25B 650738	1	Screw, 1/4-20 x 5/8"
	26 650561	3	Screw, 1/4-20 x 5/8"
	30 34820	1	Crankshaft
	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)
	46B 28264	2	Nut
	46A 26073	2	Washer
	46 32077	2	Connecting Rod Bolt
	48 33472	2	Valve Lifter
	50 34752	1	Camshaft (MCR)
	51C 33501	2	Needle Bearing
	51D 33502	2	Counterbalance Shaft
	51 34651	1	Counterbalance Weight (Incl. 51C)
	51A 33503	4	Thrust Washer
	51B 792017	2	Retaining Ring
	60 33479	1	Blower Housing Extension
	62 650760	1	Screw, 8-32 x 3/8"
	63 28545	1	Grommet
	66 30063	2	Screw, Torx T-30, 1/4-20 x 1/2"
	68 33356	1	Ground Terminal
	69 31956B	1	* Cylinder Cover Gasket
	70A 32577	1	Cylinder Cover (See Ref. #'s 480-482)
	70 34649	1	Cylinder Cover (Incl. 51D,72,72A & 75)
	72A 28534	2	Pipe Plug
	72 31927	2	Oil Drain Plug
	75 31950	1	Oil Seal
	81A 650745	1	Washer
	81 30590A	1	Washer

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Ref #	Part Number	Qty	Description
82	34751	1	Governor Gear Assy
83	35322	1	Governor Spool
86	650492	1	Screw, 1/4-20 x 2-13/64"
86A	792028	3	Screw, 5/16-18 x 7/8"
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	610967	1	Flywheel (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
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
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"
133A	26073	1	Washer
133C	650624	1	Screw, 5/16-24 x 9/16"
133	650890	1	Lock Washer, 5/16
134	32039	1	Shorting Clip
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	650755	1	Screw, 1/4-20 x 3/4"
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	650756	2	Rocker Arm Stud
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)

Ref #	Part Number	Qty	Description
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
203	33099	1	Compression Spring
204	650591	1	Screw, 10-24 x 2"
210	27793	1	Conduit Clip
211	28942	1	Screw, 10-32 x 3/8"
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"
238	650399	4	Screw, 10-32 x 5/8"
239	35471	1	* Air Cleaner Gasket
242	35472	1	Air Cleaner Bracket
245	32008	1	Air Cleaner Element
250	32810	1	Air Cleaner Cover
251	650513	1	Wing Nut, 1/4-20
260	33775A	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
286	33776	1	Starter Screen
287A	650680	3	Screw, 1/4-20 x 1-1/2"
287	27070	3	Washer
305	35554	1	Oil Fill Tube
305A	34650	1	Oil Fill Tube Extension
307	35499	1	"O" Ring
310	35594	1	Dipstick
319A	8274	1	Lock Washer
319B	650595	1	Screw, 5/16-24 x 3/8"
324	610908	1	Terminal
324A	610408	2	Nut, 8-32
325	29443	1	Wire Clip
355	590452	1	Starter Handle
361A	650797	1	Screw, 5/16-18 x 1/2"
361	650781	2	Screw, 5/16-18 x 11/16"
370A	35532	1	Name Decal
370B	35274	1	Instruction Decal
370	36261	1	Instruction Decal
380	632456	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), 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)
409	31992	3	Spacer
420	730225	1	SAE 30 4-Cycle Engine Oil (Quart)
436B	650399	2	Screw, 10-32 x 5/8"
436	610965	1	Stator Plate Ass'y
480	31971	2	* Shim Gasket (.004/.005) (See Repair Manual)

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



Engine Parts List #2

Ref #	Part Number	Qty	Description
16B	31965	1	Governor Spring Plate
238	650399	4	Screw, 10-32 x 5/8"
245	32008	1	Air Cleaner Element
251	650513	1	Wing Nut, 1/4-20
261A	650751	1	Screw, 1/4-20 x 7/16"
274	33515A	1	* Exhaust Gasket
290	29774	1	Fuel Line
290	29774	1	Fuel Line
292	26460	2	Fuel Line Clamp
292	26460	2	Fuel Line Clamp
293	35807	1	Fuel Pump (Incl. 294)
294	35791	1	Fuel Pump Repair Kit
303A	29634	1	Fuel Line Fitting
355	590452	1	Starter Handle
363A	34148	1	Fuel Line Spring
436B	650399	2	Screw, 10-32 x 5/8"