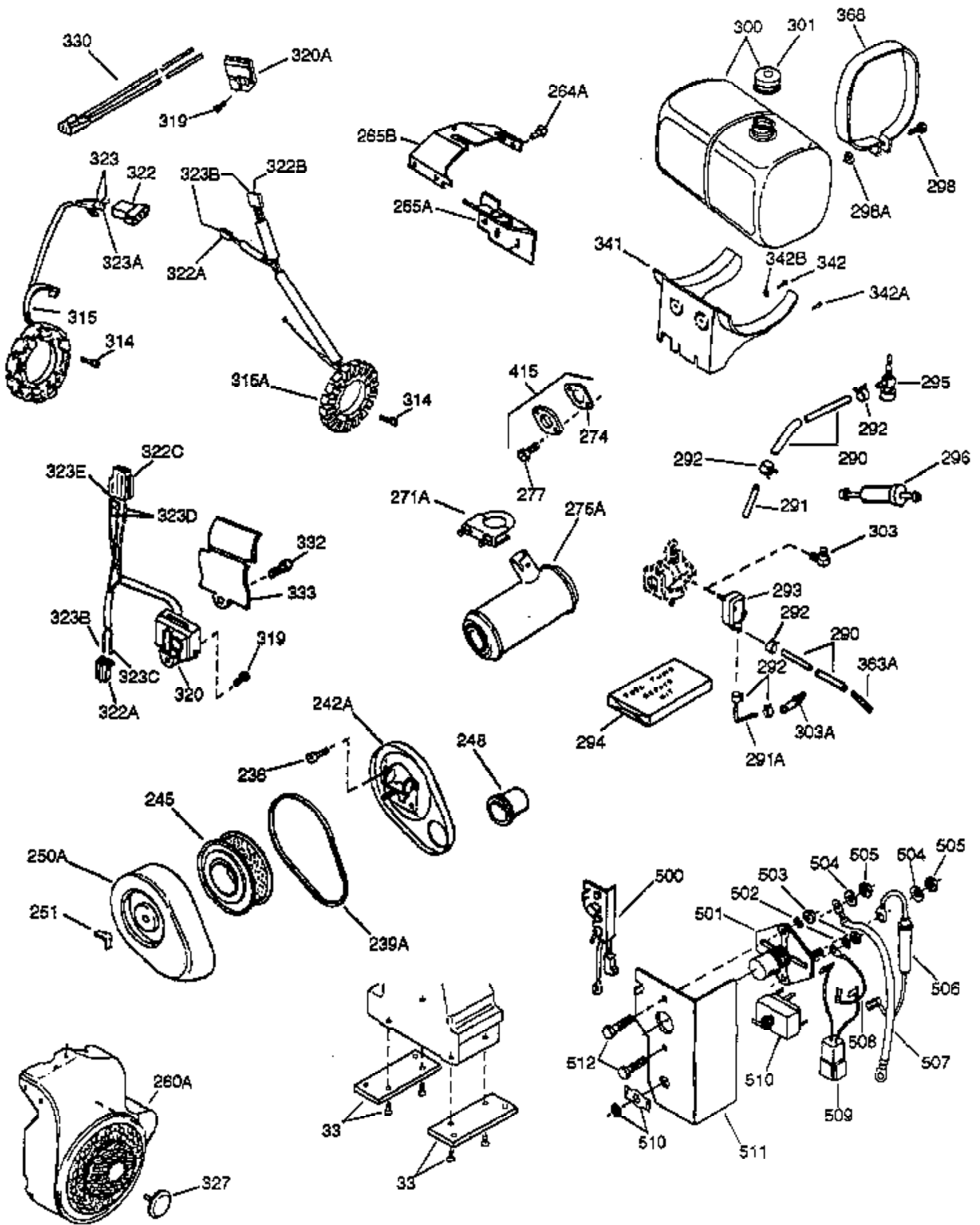


## Engine Parts List #1

Ref #	Part Number	Qty	Description
	1 34402A	1	Cylinder (Incl. 2, 20 & 72)
	2 27652	2	Dowel Pin
	14A 28558	1	Washer
	15C 34222	1	Needle Roller Bearing
	15 32425	1	Governor Rod
	15D 34223	1	Needle Roller Bearing
	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 33477A	1	Air Baffle
	25 32579	1	Blower Housing Baffle
	26 650561	3	Screw, 1/4-20 x 5/8"
	30 33390B	1	Crankshaft
	35 30312	1	Screw, 10-32 x 1/2"
	36 8345	1	Flat Washer
	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)
	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
	70 34221	1	Cylinder Cover (Incl. 15,15C,15D,36,3 8,75&88)
	70A 32577	1	Cylinder Cover (See Ref. #'s 480-482)
	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 650588	1	Screw, 1/4-20 x 2"

Ref #	Part Number	Qty	Description
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
90	610967	1	Flywheel (Incl. 90A)
90A	730201	1	Trigger Pin Kit
92	650666	1	Washer
93	650594	1	Flywheel Nut
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
108	29783	1	Crankshaft Gear Pin
109	34692	1	Crankshaft Gear
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"
133	650890	1	Lock Washer, 5/16
133A	26073	1	Washer
133C	650624	1	Screw, 5/16-24 x 9/16"
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)
182	650378	2	Screw, Torx T-30, 5/16-18 x 1-1/8"
184	33476A	2	* Carburetor To Intake Pipe Gasket

Ref #	Part Number	Qty	Description
185	33475	1	Intake Pipe
186	33478	1	Governor Link
203	33099	1	Compression Spring
204	650591	1	Screw, 10-24 x 2"
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
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
286	33776	1	Starter Screen
287	27070	3	Washer
287A	650680	3	Screw, 1/4-20 x 1-1/2"
307	29673	1	* "O" Ring
310	33069	1	Dipstick
319B	650595	1	Screw, 5/16-24 x 3/8"
319A	8274	1	Lock Washer
324	610908	1	Terminal
324A	610408	2	Nut, 8-32
325	29443	1	Wire Clip
355	590452	1	Starter Handle
361	650781	3	Screw, 5/16-18 x 11/16"
370B	35274	1	Instruction Decal
370A	35532	1	Name Decal
370	36261	1	Instruction Decal
380	632456A	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)
436	610965	1	Stator Plate Ass'y
436B	650399	2	Screw, 10-32 x 5/8"
480	31971	2	* Shim Gasket (.004/.005) (See Repair Manual)
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
248	34194A	1	Air Cleaner Tube
251	650513	1	Wing Nut, 1/4-20
261A	650751	1	Screw, 1/4-20 x 7/16"
274	33515A	1	* Exhaust Gasket
303	29634	1	Fuel Fitting
355	590452	1	Starter Handle
436B	650399	2	Screw, 10-32 x 5/8"