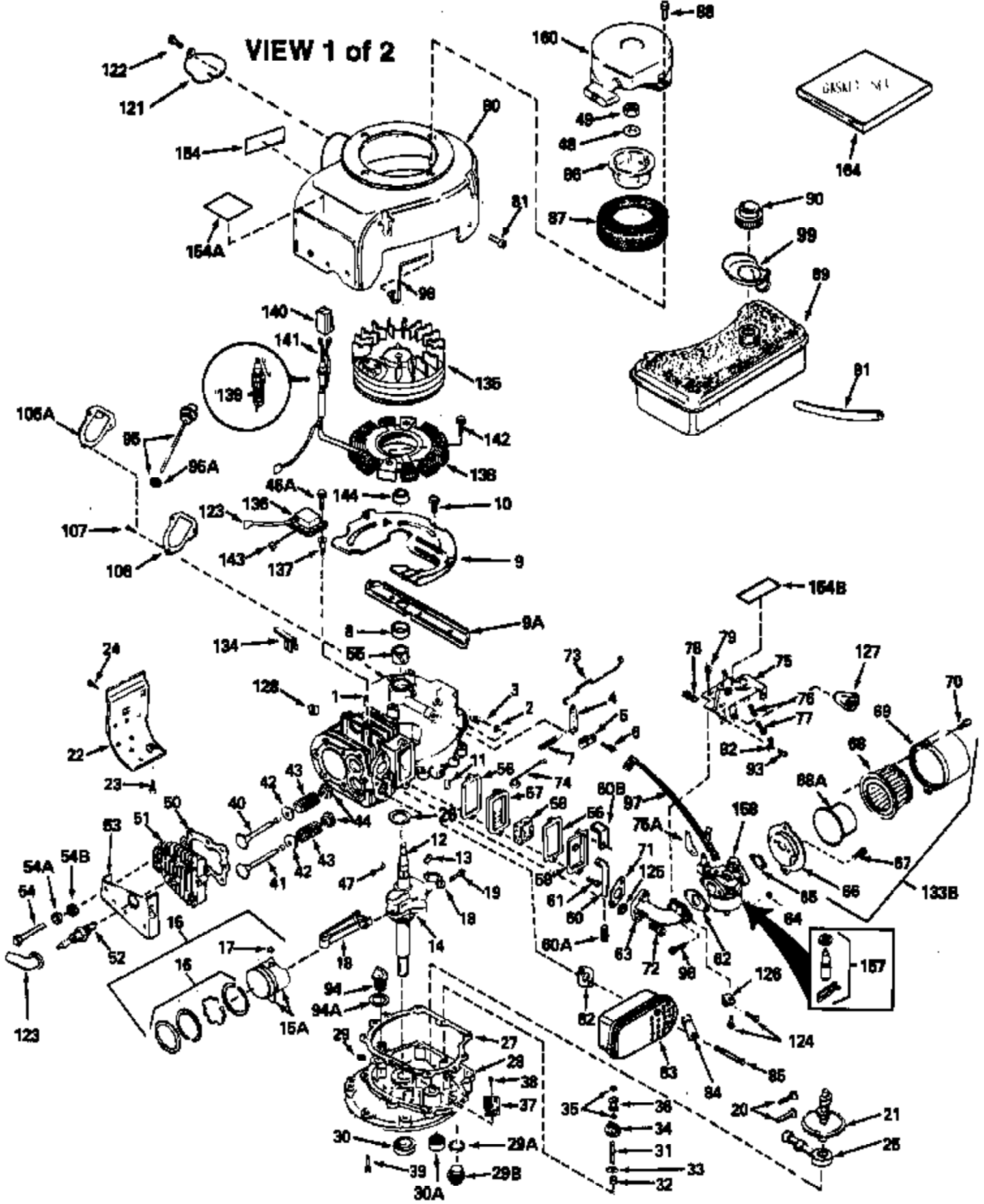


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



## Engine Parts List #1

Ref #	Part Number	Qty	Description
1	34920A		Cylinder (Incl. 8,11,106,106A,107)(2- 5/8")
2	28277		Washer, Flat
3	30669		Rod, Governor
4	31357		Lever, Governor
5	31335		Clamp, Governor lever
6	650548		Screw, 8-32 x 5/16"
7	31361		Spring, Governor
8	32630		Seal, Oil
9	29536		Baffle, Blower housing (Use as required)
9	35256A		Blo.Hsg.Baffle (W/E.S.knock-out)(As required)
10	650561		Screw, 1/4-20 x 5/8"
11	27652		Pin, Dowel
12	34958		Crankshaft (Incl. 13 & 14)
13	29783		Pin, Crankshaft gear
14	27884		Gear, Crankshaft
15A	31797B		Piston & Pin Ass'y. (Incl.17)(2-5/8") (Std.)
15A	31798B		Piston & Pin Ass'y. (Incl. 17) (.010" OS)
15A	31799B		Piston & Pin Ass'y. (Incl. 17) (.020" OS)
15	34503		Piston, Pin & Ring Set (2-5/8") (Std. )
15	34504		Piston, Pin & Ring Set (.010" OS)
15	34505		Piston, Pin & Ring Set (.020" OS)
16	34854		Ring Set (2-5/8") (Std.)
16	34855		Ring Set (.010" OS)
16	34856		Ring Set (.020" OS)
17	27888		Ring, Piston pin retaining
18	31295C		Rod Assy., Connecting (Incl. 19)
19	650662C		Bolt, Connecting rod (Incl. 2 pieces)
20	34034		Lifter, Valve
21	33157		Camshaft
22	30622A		Extension, Blower housing
23	650128		Screw, 10-24 x 1/2"
24	30688		Screw, 1/4-20 x 1/2"
25	31356		Pump Assy., Oil
26	650625		Washer, Thrust
27	30684		* Gasket, Cylinder cover
28	31471C		Flange Ass'y. (Incl. 29,30,31,33,182 & 183)
29	27642		Plug, Pipe (sq.hd, 1/4-28)
30	27897		Seal, Oil
31	30668		Shaft, Mech. Governor
32	31707A		Governor Spacer Assy. (Incl. 33)
33	30590A		Washer, Flat (2 required)
34	30591		Gear Assy., Governor
35	29193		Ring, Retaining
36	30588A		Spool, Governor
37	31355		Screen, Oil filter (Use as required)
38	29117		Screw, 8-32 x 5/16" (Use as required)
39	30564		Screw, 1/4-20 x 1"
40	32783		Intake Valve (Std.) (Incl. 44)
40	32784		Intake Valve (1/32" OS) (Incl. 44)
41	27878A		Exhaust Valve (Std.) (Incl. 44)
41	27880A		Exhaust Valve (1/32" OS) (Incl. 44)
42	27882		Cap, Upper valve spring
43	27881		Spring, Valve
44	32581		Cap, Lower valve spring
47	32589		Key, Flywheel
48	650815		Washer, Belleville
49	8116		Nut, Washer, 1/2-20
50	28938B		* Gasket, Head

## Engine Parts List #1

Ref #	Part Number	Qty	Description
51	30938A		Head, Cylinder (Incl. 54)
52	33636		Resistor Spark Plug (RJ-8)
52	34251		Resistor Spark Plug (RJ-17LM)
53	30939A		Cover Assy., Cylinder head
54	650694A		Screw, 5/16-18 x 2" (Use as required)
54	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
54B	650691		Washer, Flat (Use as required)
54A	26073		Washer, Flat (Use as required)
54A	650690		Washer, Belleville (Use as required)
55	31461		Bushing, Crankshaft
56	27896		* Gasket, Breather cover
57	28423		Body, Breather
58	28424		Element, Breather
59	28425		Cover, Valve spring box
60	27627		Tube, Breather
61	650128		Screw, 10-24 x 1/2"
62	26756		* Gasket, Carburetor
63	31358		Pipe, Intake
64	29752		Nut & Lockwasher Assy. 1/4-28
65	27272		* Gasket, Air cleaner
66	31691		Bracket, Air cleaner
67	28820		Screw, 10-32 x 1/2"
69	31715		Body, Air cleaner
70	650152		Screw, 8-32 x 3/8"
71	27915		* Gasket, Intake to cylinder
72	650378		Screw, 5/16-18 x 1-1/8"
73	31823		Link, Throttle
74	32582		Link, Governor spring
75	32181A		Control Assy., Speed (Incl. 76, 77 & 78)
76	31342		Spring, Compression
77	650549		Screw, 5-40 x 7/16"
78	610973		Terminal Assy. (Use as required)
79	30200		Screw, 10-24 x 9/16"
80	32629B		Blower Housing (Incl. 121 & 122)(Elec. Str.)
81	29747B		Screw, 5/16-24 x 21/32"
82	27930		* Gasket, Exhaust
83	28269		Muffler
84	31588		Plate, Muffler locking
85	30196		Screw, 5/16-18 x 3/4" (Use as required)
85	650696		Screw, 5/16-18 x 2-3/4" (Use as required)
85	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
86	32125		Cup, Starter
87	35009		Screen, Starter
88	29716		Screw, 1/4-28 x 7/16"
89	32584		Fuel Tank (Incl. 90)
90	33032		Fuel Cap (Use as required)
90	34210		Fuel Cap (Use as required)
91	29774		Fuel Line (8-1/4") (Use as required)
91	30962		Fuel Line (32") (Use as required)
92	27793		Clip, Conduit
93	28942		Screw, 10-32 x 3/8"
94	27625		Plug, Oil fill (Incl. 94A)
94A	29673		* Gasket, Oil fill
96	6201		Screw, 1/4-28 x 7/8" (Use as required)
96	650372		Screw, 1/4-20 x 13/16" (Use as required)
97	34235		Ground Wire
115	33323		Screen, Muffler (Use as required)
123	27276		Cover, Spark plug (Use as required)

Ref #	Part Number	Qty	Description
123	610118		Cover, Spark plug (Use as required)
133B	730127		A/C Assy. (Incl.65,66,67,68A,69,70,13 4)
154A	34768		Decal, Name
154	34346		Decal, Instruction
157	631021		Inlet Needle, Seat & Clip Assy.
158	631444		Carburetor (Incl. 62) (Refer to Division 5, Section A, page 78 for breakdown)
160	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
164	33234A		* Gasket Set (Incl. items marked *)

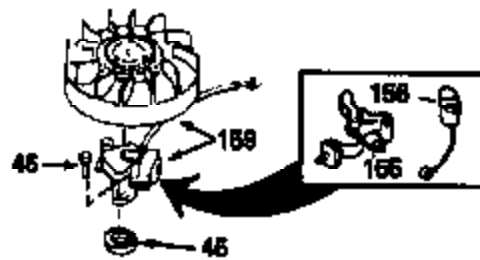
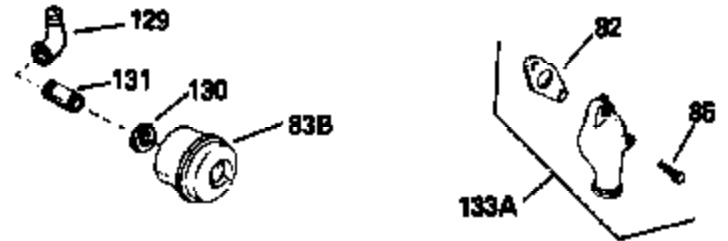
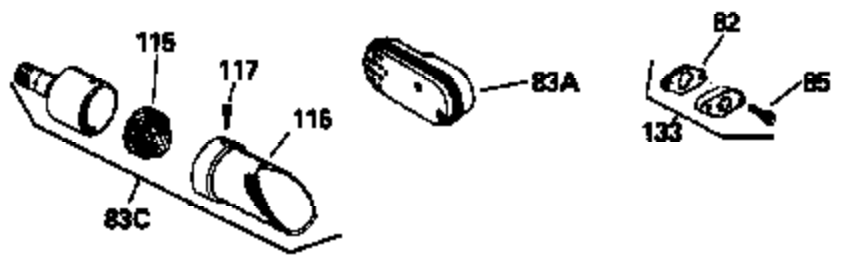
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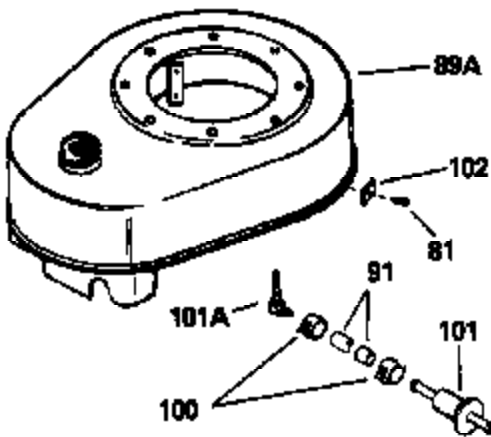
OPTIONAL 110 - 120 VOLT  
STARTER MOTOR KIT



VIEW 2 of 2



STD. POINT



Ref #	Part Number	Qty	Description
22B	32765		Clamp, Blower housing extension
22C	610938		Rectifier, Regulator
22A	28820		Screw, 10-32 x 1/2"
45	33876		Gasket, Stator
46	650516		Screw, 1/4-20 x 1-1/8"
54A	26073		Washer, Flat (Use as required)
54A	650690		Washer, Belleville (Use as required)
81	29747B		Screw, 5/16-24 x 21/32"
82	27930		* Gasket, Exhaust
83C	391026		Muffler (Incl. 115, 116 & 117) (This spark arrestor muffler can be used on any model)
85	30196		Screw, 5/16-18 x 3/4" (Use as required)
85	650696		Screw, 5/16-18 x 2-3/4" (Use as required)
85	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
88A	30688		Screw, 1/4-20 x 1/2"
91	29774		Fuel Line (8-1/4") (Use as required)
91	30962		Fuel Line (32") (Use as required)
100	26460		Clamp, Fuel line (Use as required)
115	33323		Screen, Muffler (Use as required)
116	33700		Cover & tube, Muffler (Use as required)
117	650578		Screw, 8-18 x 3/8" (Use as required)
133A	31288		Muffler Adapter Kit (Incl. 82 & 85) (As required)
133	730130		Muffler Adap. Kit (Incl. 82 & 85) (As required)
155	30547A		Contact Assy., Breaker
156	610767A		Condenser
159	611041		Magneto, Alt. (w/ring gear) (12 volt, 7 amp) NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually as shown in parts list. (Refer to Division 5, Section B, page 36 for breakdown)
161	33606		Starter Motor (12 volt) (Refer to Division 5, Section D, page 20 for breakdown)
162	33329D		Starter Motor Kit (110-120 volt) (Refer to service number stamped on end cap of motor, or on decal, for identification. For breakdown see Division 5, Section D, Page 16.)
163	611042		Flywheel (Ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Use on Std. point ignitions)
163	611085		Flywheel (Ring gear flywheel required on engines using 110-120 volt starter motor kits listed above) (Use on solid state ignitions)