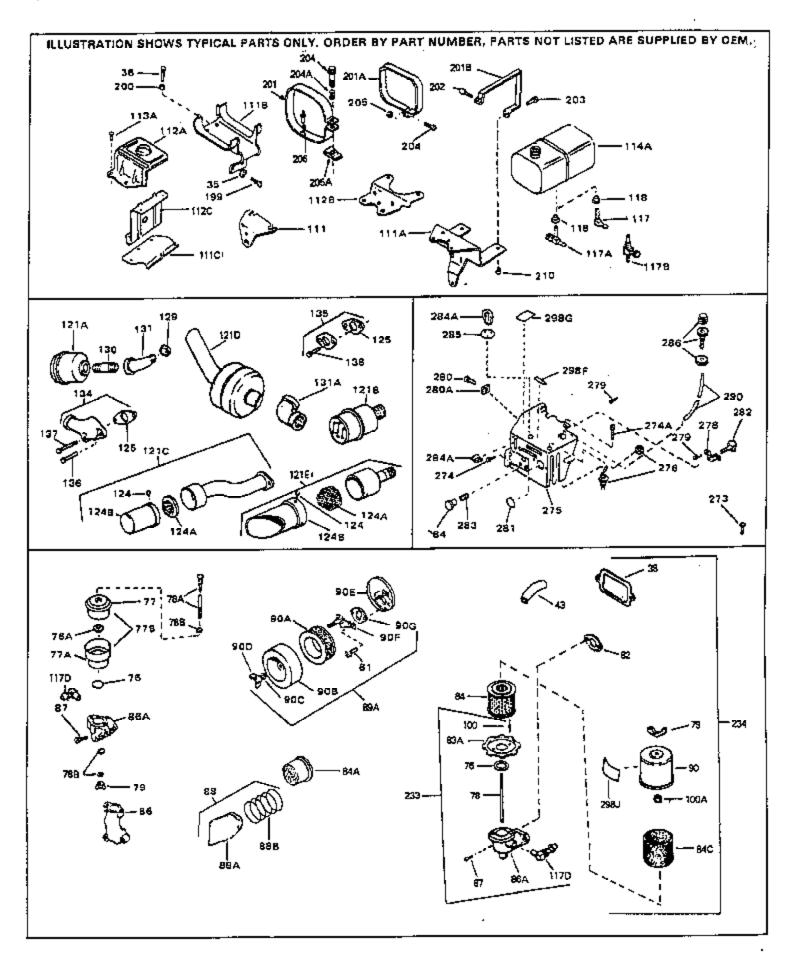


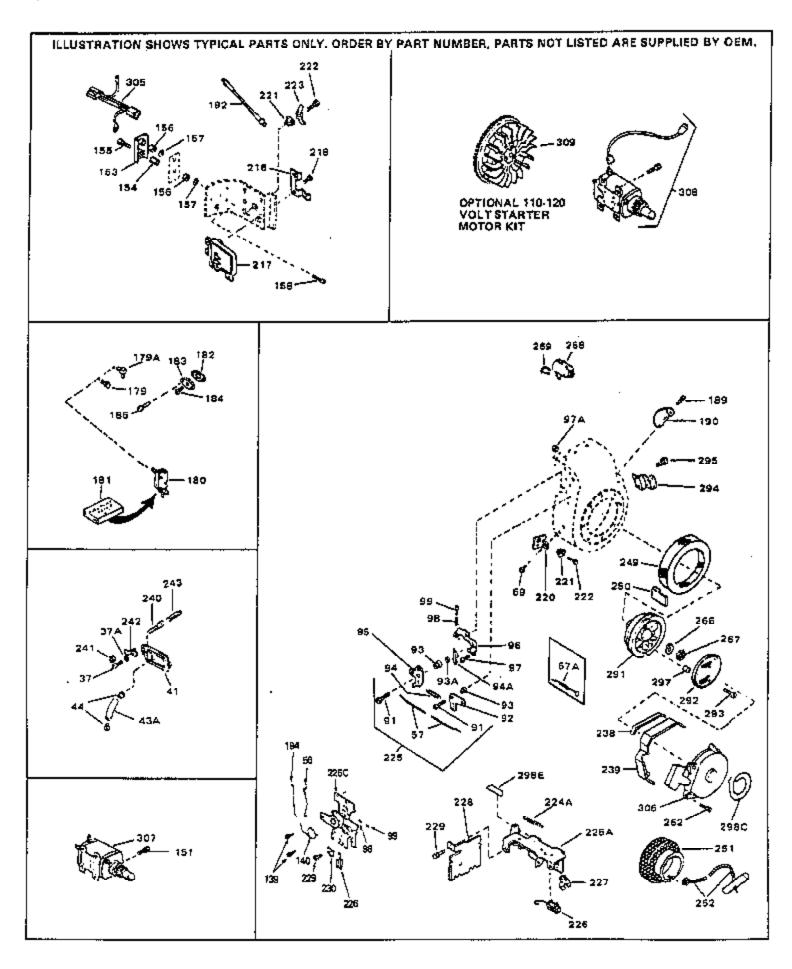
		Description
	33311B	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652	Pin, Dowel
	27642	Plug, Oil drain, 1/4-18
	27876B	Seal, Oil
5	27877A	Intake Valve (Std.) (Incl. 9)
5	27880A	Inake Valve (1/32" OS) (Incl. 9)
6	27878A	Exhaust Valve (Std.)
6	27880A	Exhaust Valve (1/32" OS) (Incl. 9)
7	27882	Cap, Upper valve spring
	27881	Spring, Valve
	32581	Cap, Lower valve spring
	31860	Crankshaft (Incl. 12 & 13)
	29783	Pin, Crankshaft gear Used in early production. This gear is
		serviceable ONLY when itis pinned to the crankshaft.
13	27884	Gear, Crankshaft Used in early production. This gear is
		serviceable ONLY when itis pinned to the crankshaft.
14	34531	Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
14	34532	Piston, Pin & Ring Set (.010" OS)
14	34533	Piston, Pin & Ring Set (.020" OS)
14A	33312B	Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.16)
14A	33313B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	33314B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	34854	Ring Set (Std.) (2-5/8" Bore)
	34855	Ring Set (.010" OS)
	34856	Ring Set (.020" OS)
	27888	Ring, Piston pin retaining
	31380C	Rod Assy., Connecting (Incl. 18)
	30682	Bolt, Connecting rod (Early production)
	650662C	Screw, Connecting rod (Late production)
	26073	Connecting rod bolt washer (Early pro duction)
	28264	
		Connecting rod nut (Used on early pro duction)
	33156	Camshaft
	34034	Lifter, Valve
	31451A	Cylinder Cover (Incl.24, 105, 246, 24 7 & 248)
	28460	Seal, Oil
	30684	* Gasket, Cylinder cover
	650488	Screw, 1/4-20 x 1-1/4"
	650493	Screw, 1/4-20 x 1-3/4"
	650489	Screw, 1/4-20 x 5/8"
	30939A	Cover, Cylinder head
	28938C	* Gasket, Cylinder head
	31882	Head, Cylinder
	31889	Plug, Spark (Champion D-21 or equival ent)
	26073	Washer, Flat (Use as required)
	650570	Washer, Flat (Use as required)
	650691	Washer, Flat (Use as required)
36	650697A	Screw, 5/16-18 x 2-1/2" (Use as requi red)
36	650695A	Screw, 5/16-18 x 2-1/4" (Use as requi red)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650128	Screw, 10-24 x 1/2" (Use as required)
	650597	Screw, 10-24 x 5/8" (Use as required)
	27896A	* Gasket, Breather cover
	28423	Body, Breather
	28424	Element, Breather
	28425	Cover, Valve spring
	27915A	* Gasket, Intake
	30195A	Flange, Carburetor (Incl. 79 & 80)
40	00 100A	i lange, Cabuletoi (iilot. 13 & 00)

Ref #	Part Number	Qty	Description
48	30196		Screw, 5/16-18 x 3/4"
	29918		Lockwasher
50	650548		Screw, 8-32 x 5/16"
51	30319		Rivet, Split (Used on early productio n)
	32326A		Lever, Governor (New lever does not need 1 of Ref
32	32320A		•
			#49,51,53,54,132,133)
F2	30322		Look Nut 9.22 (Lloo on required)
			Lock Nut, 8-32 (Use as required)
54	29916		Clamp, Governor lever (Use as require d)
55	30205		Bracket, Adjusting
	31710		Link, Throttle
	29216		Locknut, 10-32
59	29752		Nut & Lockwasher, 1/4-28
60	650572		Screw, 1/4-28 x 1-1/8"
	29826		Screw, 10-32 x 3/4"
	29642		Ring, Retaining
63	30699B		Rod Assy., Governor (This one piece gov. rod is no longer
			used. It is replaced by 30699C assy., Ref.#63A)
			asca. It is replaced by 600000 assy., reci.#60/1/
63A	30699C		Rod Assy., Governor (Incl. 64 & 65)
	30700		• • • • • • • • • • • • • • • • • • • •
			Yoke, Governor
	650494		Screw, 6-40 x 5/16"
66A	31297		Dipstick (Incl. 68)
	29673		* Gasket, Dipstick
	29747B		Screw, 5/16-24 x 21/32"
70	32158E		Blower Hsg. (For elec.starter)(Incl.1 89,190)
73	29536		Baffle, Blower housing
	650561		Screw, 1/4-20 x 5/8"
	31688A		* Gasket, Carburetor
81	30196		Screw, 5/16-18 x 3/4" (Use as require d)
	28820		Screw, 10-32 x 1/2" (Use as required)
	650521		Screw, 10-32 x 1-1/8" (Use as require d)
81A	650152		Screw, 8-32 x 3/8"
82	27272A		* Gasket, Air cleaner
	31691		Bracket, Air cleaner
	31715		Body, Air cleaner
89	730127		Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B)
			(Use as required)
			(Soc do rodamod)
98	28569		Compression Spring (Used with 29500 screw)(Use as
			required)
			required)
98	32924		Compression Spring (Used with 650688 screw) (Use as
00	02021		
			required)
QQ	31342		Compression Spring (Used with 650549 screw) (Use as
90	31342		· · · · · · · · · · · · · · · · · · ·
			required)
00	CEOE 40		Carrery F 40 - 7/40" (Llan an many install)
	650549		Screw, 5-40 x 7/16" (Use as required)
99	29500		Screw, 8-32 x 3/4" (Use as required)
99	650688		Screw, 10-32 x 1 (Use as required)
	30884		Key, Flywheel
	31843A		Bracket, Governor gear
104	650836		Screw, 10-24 x 1/2"
	31845		Shaft, Mechanical governor
	30590A		Washer, Flat
107	30591		Gear Assy., Governor (Incl. 106)
	30588A		Spool, Governor
	29193		Ring, Retaining
	30063		Screw, 1/4-20 x 1/2"
115	410144B		Fuel Cap (White Plastic)(Standard)(As req.)
. 10			-1 /

Ref #	Part Number Qty	Description
115	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required)
115	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required)
115	31888	Fuel Cap
119	29774	Fuel Line (Braided 8.25") (Use as req uired)
119	30705	Fuel Line (Braided 16") (Use as required)
119	30962	Fuel Line (Braided 32") (Use as requi red)
120	26460	Clamp, Fuel line (Use as required)
	27930A	* Gasket, Exhaust
	650548	Screw, 8-32 x 5/16" (Early production)
	650139	Screw, 8-32 x 1/2" (Early production)
	650542	Screw, 5/16-18 x 3/4"
	29538	Base, Engine mounting
	650128	Screw, 10-24 x 1/2"
148	30622A	Extension, Blower housing
149A	30747	Clip, Shorting
150	650890	Lockwasher
186	27275	Clip, Wire (Use as required)
186	29443	Clip, Fuel line (Use as required)
224	31386	Spring, Extension
225B	31726B	Control Bracket (Incl. 98, 99, 226 & 284A)
226	610973	Terminal Assy.
229	28942	Screw, 10-32 x 3/8"
230	27793	Clip, Conduit
244	31793	Bearing, Ball
	31792	Washer, Thrust
	31855	Retainer, Bearing
	650778	Washer, Lock
	650580	Nut, Lock
	650815	Washer, Belleville
	8116	Nut, Hex
	34346	Decal, Instruction
	550223	Decal, Name
	33310	Decal, 5 HP Mini-Bike (Use as require d)
	31517	Decal, H.P. (5 H.P.) (Use as required)
	32173	Decal, H.P. (6 H.P.) (Use as required)
	30547A	Contact Assy., Breaker
	30548B	Condenser
	631021	Inlet Needle, Seat & Clip Assy.
303	631950	Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A, page 144 for breakdown)
304	610689A	Magneto 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 24 for breakdown)
310	33235A	* Gasket Set (Incl. items marked *)



35 35 36 36 36 38 81 81 81 82 84A 86A	Part Number 26073 650570 650691 650697A 650695A 650694A 27896A 30196 28820 650521 27272A 31700 34697 730128	Qty	Description Washer, Flat (Use as required) Washer, Flat (Use as required) Washer, Flat (Use as required) Screw, 5/16-18 x 2-1/2" (Use as requi red) Screw, 5/16-18 x 2-1/4" (Use as requi red) Screw, 5/16-18 x 2" (Use as required) * Gasket, Breather cover Screw, 5/16-18 x 3/4" (Use as require d) Screw, 10-32 x 1/2" (Use as required) Screw, 10-32 x 1-1/8" (Use as required) * Gasket, Air cleaner Element, Air cleaner Air Cleaner Elbow Assy. (Use in 730561 only.) Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97 & 298B) (Use as req.)
114A 117D 117B 117A 121A	34823 33050 31887 33053 29683 29633 391026		Bracket, Lower fuel tank Fuel Tank (Incl. 115) Fitting, Fuel line Valve, Fuel strainer & shut-off Valve, Fuel strainer & shut-off Muffler Muffler (Incl. 124, 124A & 124B) (This spark arrester mufflercan be used on any model)
124B 124 125 129 130 131 134 135 136 137 138 199 200 201A 204 205	33171 33185 650578 27930A 32862 30244 30209 31288 730130 6021A 650697A 30196 29212 650570 31979 650451 650456 34819		Muffler Screen (Use as required) Cover & Tube, Muffler (Use as require d) Screw, 8-18 x 3/8" * Gasket, Exhaust Nut, Conduit (1/4" thick) Nipple, Pipe (2.5") Elbow, Exhaust (45 degree) Muf.Adapter Kit(Incl.125,136,137)(As req.) Muf.Adapter Kit(Incl.125 & 138)(As re quired) Screw, 5/16-18 x 1-1/2" (Use as required) Screw, 5/16-18 x 2-1/2" (Use as required) Screw, 5/16-18 x 3/4" (Use as require d) Screw, 1/4-28 x 7/16" Washer, Flat Strap, Fuel tank Screw, 1/4-20 x 1" Nut, 1/4-20 Air Cleaner Elbow (Incl.44,76,78,83A,86A,100)(Use in 730561 ass'y. only)
234	730561		Air Cleaner Kit (Incl.38,43,44,76,78,79,82,83A,84,84C,86A,87,90,100A,233,29 (Use only on engines with an externally ventedfully adjustable carburetor.)
273	650687		Screw, 10-32 x 5/16" (Use as required)



Ref #	Part Number C	ty Description
37	650128	Screw, 10-24 x 1/2" (Use as required)
37	650597	Screw, 10-24 x 5/8" (Use as required)
37A	27261	Washer, Flat (Use as required)
41	28425	Cover, Valve spring
43A	35350	Tube, Breather
56	31710	Link, Throttle
69	29747B	Screw, 5/16-24 x 21/32"
98	28569	Compression Spring (Used with 29500 screw)(Use as required)
98	32924	Compression Spring (Used with 650688 screw) (Use as required)
98	31342	Compression Spring (Used with 650549 screw) (Use as required)
99	650549	Screw, 5-40 x 7/16" (Use as required)
	29500	Screw, 8-32 x 3/4" (Use as required)
	650688	Screw, 10-32 x 1 (Use as required)
	32683A	Gasket, Fuel pump cover (Use as requi red)
	32955	Cover, Fuel pump pad (Use as required)
184	9556	Plug, Pipe 1/8-27 (Use as required)
185	30063	Screw, 1/4-20 x 1/2" (Use as required)
225	730152	Control Bracket(Incl.91 thru 97)(As r eq.)
226	610973	Terminal Assy.
227	33177	Terminal (Use as required)
	28942	Screw, 10-32 x 3/8"
	27793	Clip, Conduit
	28301	Pulley, Rope starter
	590343	Rope Assy., Starter
	650815	Washer, Belleville
	8116	Nut, Hex
	33018	Harness Assy., Adapter (Use as requir ed)
308	33328D	Starter Motor Kit (110-120 Volt) NOTE: This 110-120 volt
		starter motor kit may have been added to this engine. This can be added only if cylinder has drilled and tapped starter mounting bosses and a ring gear flywheel has been added (see #309). Refer to service number stamped on end cap of motor,
309	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above.)