

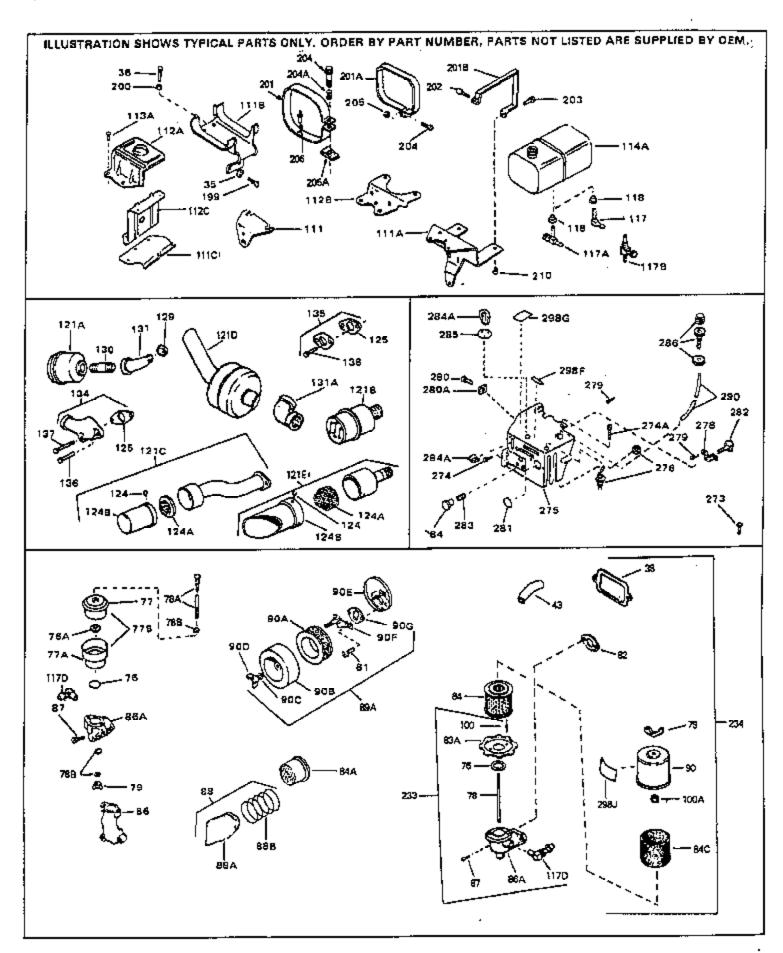
Ref #	Part Number	Otv	Description
	33311B	٠.,	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652		Pin, Dowel
	27642		Plug, Oil drain, 1/4-18
	27876B		Seal, Oil
	27877A		Intake Valve (Std.) (Incl. 9)
	27880A		Inake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.)
6	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
7	27882		Cap, Upper valve spring
8	27881		Spring, Valve
	32581		Cap, Lower valve spring
	31827		Crankshaft (Incl. 12 & 13)
	29783		Pin, Crankshaft gear Used in early production. This gear is
12	29703		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)
	33312B		Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.16)
	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
17	31380C		Rod Assy., Connecting (Incl. 18)
18	650662C		Screw, Connecting rod (Late productio n)
18A	30682		Bolt, Connecting rod (Early productio n)
	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
28	650488		Screw, 1/4-20 x 1-1/4"
29	650493		Screw, 1/4-20 x 1-3/4"
30	650489		Screw, 1/4-20 x 5/8"
31	30939A		Cover, Cylinder head
	28938C		* Gasket, Cylinder head
	30938A		Head, Cylinder (Incl. 3 of 36)
	33636		Resistor Spark Plug
	26073		Washer, Flat (Use as required)
	650570		Washer, Flat (Use as required)
	650691		Washer, Flat (Use as required)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
36	650694A		Screw, 5/16-18 x 2" (Use as required)
37	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
46	30195A		Flange, Carburetor (Incl. 79 & 80)

Ref #	Part Number Q	tty Description
	30196	Screw, 5/16-18 x 3/4"
	29918	Lockwasher
	650548	Screw, 8-32 x 5/16"
	30319	Rivet, Split (Used on early production)
52	32326A	Lever, Governor (New lever does not need 1 of Ref
		#49,51,53,54,132,133)
53	30322	Lock Nut, 8-32 (Use as required)
	29916	Clamp, Governor lever (Use as require d)
	30205	Bracket, Adjusting
	30824	Link, Throttle
	29216	
		Locknut, 10-32
	29752	Nut & Lockwasher, 1/4-28
	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)
631	30699C	Rod Assy., Governor (Incl. 64 & 65)
	30700	Yoke, Governor
	650494	Screw, 6-40 x 5/16"
	34011A	Dipstick (Incl. 68)
	33893A	Oil Fill Tube
68	33590	"O" Ring
69	29747B	Screw, 5/16-24 x 21/32"
70	32158E	Blower Hsg. (For elec.starter)(Incl.1 89,190)
73	29536	Baffle, Blower housing
74	650561	Screw, 1/4-20 x 5/8"
	31688A	* Gasket, Carburetor
	650152	Screw, 8-32 x 3/8"
	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 1/2" (Ose as required) Screw, 10-32 x 1-1/8" (Use as require d)
		,
	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)
98	28569	Compression Spring (Used with 29500 screw)(Use as
		required)
00	00004	•
98	32924	Compression Spring (Used with 650688 screw) (Use as
		required)
98	31342	Compression Spring (Used with 650549 screw) (Use as
		required)
00	CEOE 40	
	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)
	30884	Key, Flywheel
103	31843A	Bracket, Governor gear
104	650836	Screw, 10-24 x 1/2"
	31845	Shaft, Mechanical governor
	30590A	Washer, Flat
	30591	Gear Assy., Governor (Incl. 106)
	30588A	Spool, Governor
	29193	Ring, Retaining
	650561	Screw, 1/4-20 x 5/8"
113	UUUUU I	JUIGW, 1/4-20 X J/0

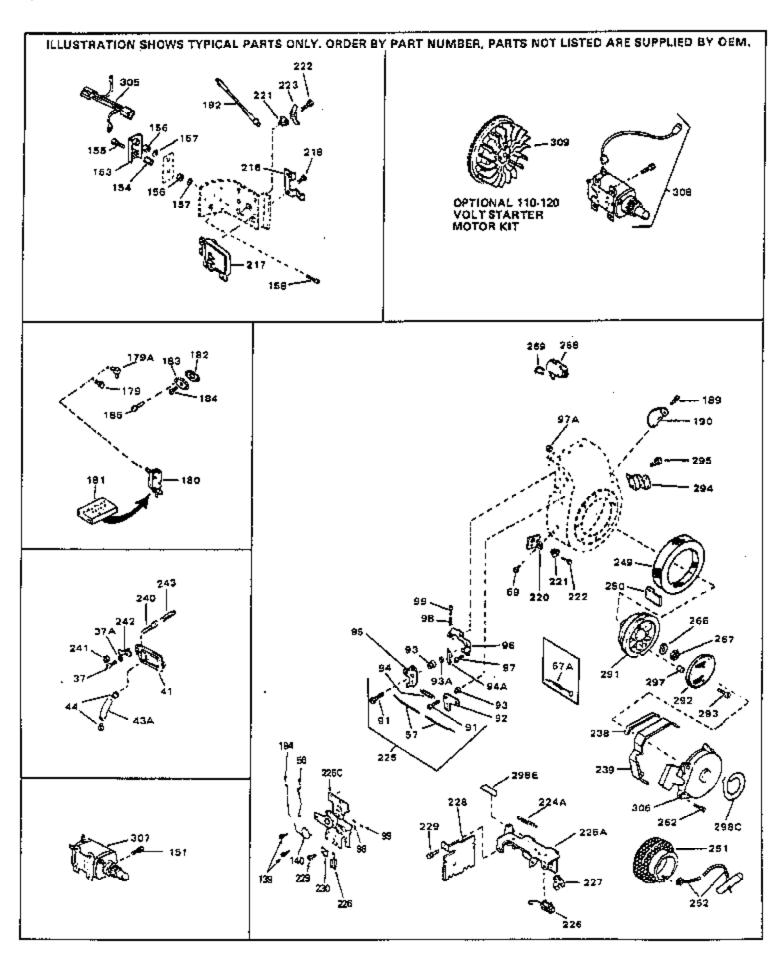
	Part Number	Qty	Description
114	31301		Fuel Tank (Incl. 115)
115	410144B		Fuel Cap (White Plastic)(Standard)(As req.)
115	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use
			as required)
115	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
	-		as required)
110	29774		Fuel Line (Braided 8.25") (Use as req uired)
	30705		Fuel Line (Braided 16") (Use as required)
	30962		Fuel Line (Braided 32") (Use as required)
	26460		Clamp, Fuel line (Use as required)
	32401		Muffler
	27930A		* Gasket, Exhaust
	30196		Screw, 5/16-18 x 3/4"
	26073		Washer, Flat
	650694A		Screw, 5/16-18 x 2"
	650548		Screw, 8-32 x 5/16" (Early production)
132	650139		Screw, 8-32 x 1/2" (Early production)
144	650542		Screw, 5/16-18 x 3/4"
146	29538		Base, Engine mounting
147	650128		Screw, 10-24 x 1/2"
148	30622A		Extension, Blower housing
186	27275		Clip, Wire (Use as required)
186	29443		Clip, Fuel line (Use as required)
	610118		Cover, Spark plug
	610973		Terminal Assy.
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	35349		Ground Wire
	31793		Bearing, Ball
	31792		Washer, Thrust
	31855		Retainer, Bearing
	650778		Washer, Lock
	650580		Nut, Lock
	29716		Screw, 1/4-28 x 7/16"
	32125		
	590417		Cup, Starter
			Screen, Starter cup
	650815		Washer, Belleville
	8116		Nut, Hex
	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)
	34346		Decal, Instruction
	30547A		Contact Assy., Breaker
	30548B		Condenser
	631021		Inlet Needle, Seat & Clip Assy.
303	631827		Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A,
			page 206 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)
306	590473		Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)

breakdown)

Ref # Part Number	Qty Description
310 33235A	* Gasket Set (Incl. items marked *)



Ref #	Part Number	Qty	Description
35 35 36 36 36 38 81 81 81 82 84A 86A 89A	26073 650570 650691 650697A 650695A 650694A 27896A 30196 28820 650521 27272A 31700 34697 730128	<u>aty</u>	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.) Bracket, Lower fuel tank
	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester mufflercan be used on any model)
124B 124 125 134 135 136 137 138 201B 202 203 210	33171 33185 650578 27930A 31288 730130 6021A 650697A 30196 31697 29212 6201 29752 34819		Muffler Screen (Use as required) Cover & Tube, Muffler (Use as require d) Screw, 8-18 x 3/8" * Gasket, Exhaust 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 required) Screw, 5/16-18 x 3/4" (Use as require d) Strap, Fuel tank Screw, 1/4-28 x 7/16" Screw, Hex hd. cap, 1/4-28 x 7/8 Nut & Lockwasher, 1/4-28 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.)
274 274A 275 278 279 280 280A 281 282 283 284	650687 650257 650765 32395 32398 28820 650760 650764 31291 32397 32399 32400 31682		Screw, 10-32 x 5/16" (Use as required) Screw, 8-32 x 5/16" Screw, 10-32 x 1/2" Cover, Carburetor Bracket, Choke Screw, 10-32 x 1/2" Screw, 8-32 x 3/8" "U" Clip Nut Plug, Cover Plate Assy., Choke Spring, Choke knob Knob, Choke Decal, Operating



Ref #	Part Number Q	ty Description
37	650128	Screw, 10-24 x 1/2" (Use as required)
37	650597	Screw, 10-24 x 5/8" (Use as required)
	27261	Washer, Flat (Use as required)
	28425	Cover, Valve spring
	35350	Tube, Breather
	30824	Link, Throttle
	29747B	Screw, 5/16-24 x 21/32"
	28569	Compression Spring (Used with 29500 screw)(Use as
30	2000	required)
98	32924	Compression Spring (Used with 650688 screw) (Use as
		required)
98	31342	Compression Spring (Used with 650549 screw) (Use as
		required)
	650549	Screw, 5-40 x 7/16" (Use as required)
	29500	Screw, 8-32 x 3/4" (Use as required)
99	650688	Screw, 10-32 x 1 (Use as required)
182	32683A	Gasket, Fuel pump cover (Use as requi red)
183	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)
224A	30826	Spring, Extension
225A	33108A	Control Bracket (Incl. 224A & 226)
225	730152	Control Bracket(Incl.91 thru 97)(As r eq.)
226	610973	Terminal Assy.
227	33177	Terminal (Use as required)
229	28942	Screw, 10-32 x 3/8"
230	27793	Clip, Conduit
	32576	Seal, Snow guard
	31680	Guard, Starter
	29716	Screw, 1/4-28 x 7/16"
	650815	Washer, Belleville
	8116	Nut, Hex
	31718	Decal, Choke
	33018	Harness Assy., Adapter (Use as requir ed)
	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for
300	330473	breakdown)
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.)