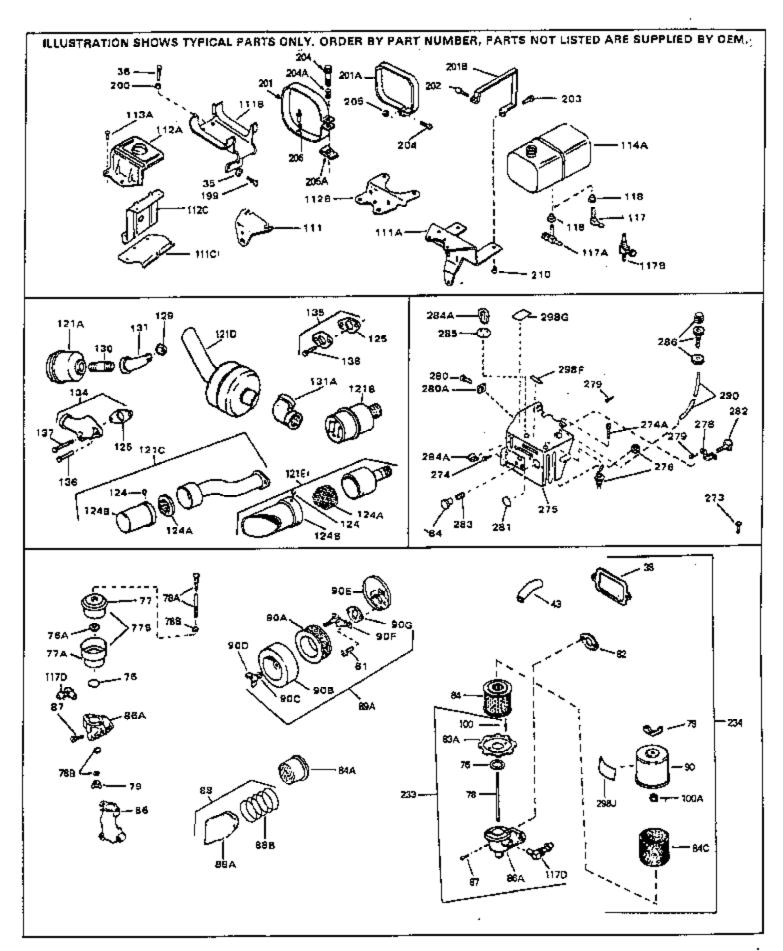


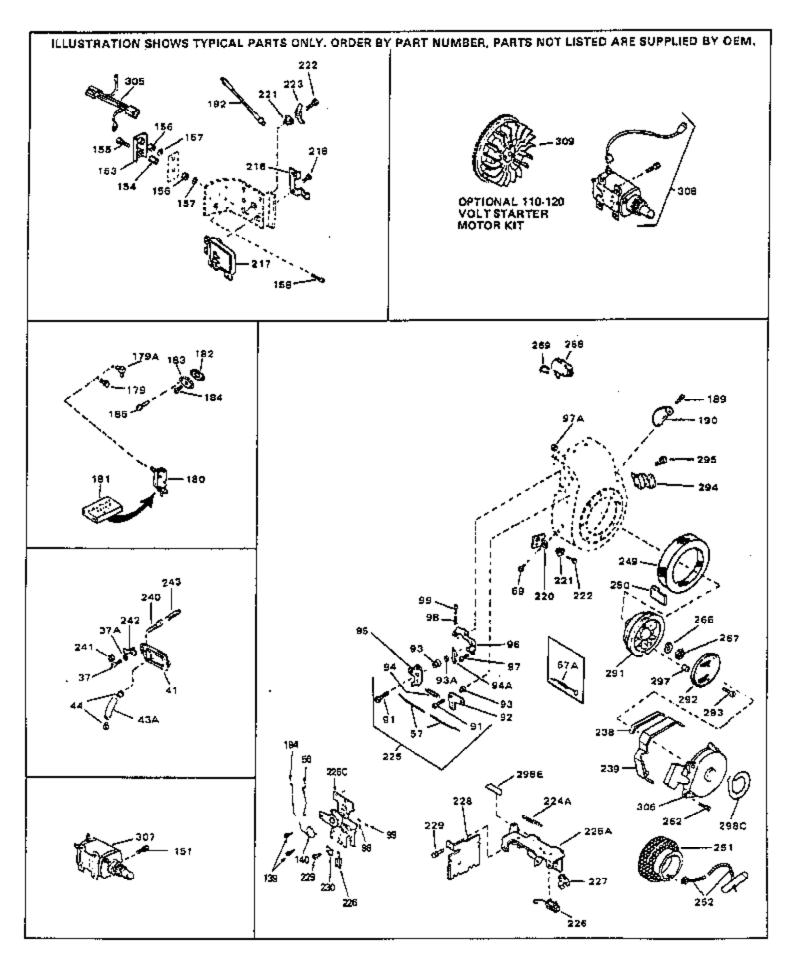
Ref #	Part Number	Otv	Description
	33311B	ω.,	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652		Pin, Dowel
	27642		Plug, Oil drain, 1/4-18
	27876B		Seal, Oil
	32783		Intake Valve (Std.) (Incl. 9)
	32784		Intake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.)
6	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
7	27882		Cap, Upper valve spring
8	27881		Spring, Valve
	32581		Cap, Lower valve spring
	31856A		Crankshaft (Incl. 12 & 13)
	29783		Pin, Crankshaft gear Used in early production. This gear is
12	29765		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.
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)
	34531		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
	34532		Piston, Pin & Ring Set (.010" OS)
	34533		Piston, Pin & Ring Set (.020" OS)
	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)
18A	30682		Bolt, Connecting rod (Early productio n)
18	650662C		Screw, Connecting rod (Late productio n)
	26073		Connecting rod bolt washer (Early pro duction)
	28264		Connecting rod nut (Used on early pro duction)
	33156		Camshaft
	34034		Lifter, Valve
	31303B		Cover, Cylinder (Incl. 24, 27 & 105)
	28427		Seal, Oil
	30684		* Gasket, Cylinder cover
	31546		Bushing, Crankshaft
28	650488		Screw, 1/4-20 x 1-1/4"
29	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
	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)
36	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
36	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
45	27915A		* Gasket, Intake

Rof #	Part Number Qty	Description
	34712	Flange, Carburetor (Incl. 60)
	30196	Screw, 5/16-18 x 3/4"
	29918	Lockwasher
	650548	Screw, 8-32 x 5/16"
	30319	Rivet, Split (Used on early productio n)
	33454	Lever Assy., Governor
	30322	Lock Nut, 8-32 (Use as required)
	29916	Clamp, Governor lever (Use as require d)
	34662	Link, Throttle
	29216	Locknut, 10-32
	650517	Screw, 1/4-20 x 13/16"
	29826	Screw, 10-32 x 3/4"
62	29642	Ring, Retaining
63A	30699C	Rod Assy., Governor (Incl. 64 & 65)
63	30699B	Rod Assy., Governor (This one piece gov. rod is no longer
		used. It is replaced by 30699C assy., Ref.#63A)
64	30700	Yoke, Governor
	650494	Screw, 6-40 x 5/16"
	31297	Dipstick (Incl. 68)
	29673	* Gasket, Dipstick
	29747B	Screw, 5/16-24 x 21/32"
	32158E	Blower Hsg. (For elec.starter)(Incl.1 89,190)
	33876	Gasket, Stator
	29536	Baffle, Blower housing
	650561	Screw, 1/4-20 x 5/8"
	31688A	* Gasket, Carburetor
	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)
	650152	Screw, 8-32 x 3/8"
	27272A	* Gasket, Air cleaner
	31691	Bracket, Air cleaner
	30727	Element, Air cleaner
	31715	Body, Air cleaner
89	730127	Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)
00	28569	Compression Spring (Used with 29500 screw)(Use as
90	20309	required)
00	32924	
90	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)
99	29500	Screw, 8-32 x 3/4" (Use as required)
	650688	Screw, 10-32 x 1 (Use as required)
	30884	Key, Flywheel
	31843A	Bracket, Governor gear
	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
	650665 650561	Screw, 1/4-15 x 3/4" Screw, 1/4-20 x 5/9"
113	650561	Screw, 1/4-20 x 5/8"

	Part Number	Qty	Description
	35584		Fuel Tank (Incl. 115 & 120)
	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
110	3 1 210		as required)
			as required)
	29774		Fuel Line (Braided 8.25") (Use as req uired)
119	30705		Fuel Line (Braided 16") (Use as requi red)
119	30962		Fuel Line (Braided 32") (Use as requi red)
120	26460		Clamp, Fuel line (Use as required)
121	32401		Muffler
122	34174		Deflector, Exhaust
123	650665		Screw, 1/4-15 x 7/8"
125	27930A		* Gasket, Exhaust
126	30196		Screw, 5/16-18 x 3/4"
127	26073		Washer, Flat
128	650694A		Screw, 5/16-18 x 2"
	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"
	30622A		Extension, Blower housing
	30747		Clip, Shorting
	650890		Lockwasher
	27275		Clip, Wire (Use as required)
	29443		Clip, Fuel line (Use as required)
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	29716		Screw, 1/4-28 x 7/16"
	32125		Cup, Starter
	590417		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.
	632178		Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A,
303	032170		, ,
			page 176 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)
200	500420		Powind Startor (Pofor to Division 5 Section C need 25 for
306	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for
			breakdown)
310	33235A		* Gasket Set (Incl. items marked *)
			,



Ref #	Part Number (Oty Description
35	26073	Washer, Flat (Use as required)
35	650570	Washer, Flat (Use as required)
35	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)
36	650694A	Screw, 5/16-18 x 2" (Use as required)
38	27896A	* Gasket, Breather cover
81	30196	Screw, 5/16-18 x 3/4" (Use as require d)
81	28820	Screw, 10-32 x 1/2" (Use as required)
81	650521	Screw, 10-32 x 1-1/8" (Use as require d)
82	27272A	* Gasket, Air cleaner
86A	34697	Air Cleaner Elbow Assy.(Use in 730561 only.)
89A	730128	Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97 &
		298B) (Use as req.)
111	34816	Bracket, Lower fuel tank
	33166A	Bracket, Upper fuel tank
	650665	Screw, 1/4-15 x 3/4"
	391026	Muffler (Incl. 124, 124A & 124B) (This spark arrester
12.12	001020	mufflercan be used on any model)
		, ,
	33171	Muffler Screen (Use as required)
	33185	Cover & Tube, Muffler (Use as require d)
	650578	Screw, 8-18 x 3/8"
	27930A	* Gasket, Exhaust
	31288	Muf.Adapter Kit(Incl.125,136,137)(As req.)
	730130	Muf.Adapter Kit(Incl.125 & 138)(As re quired)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as requi red)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as requi red)
	30196	Screw, 5/16-18 x 3/4" (Use as require d)
233	34819	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.)
סדס	650687	Screw, 10-32 x 5/16" (Use as required)
213	000007	Sciew, 10-32 x 3/10 (Use as required)



	Part Number	Qty	Description
	650128		Screw, 10-24 x 1/2" (Use as required)
	650597		Screw, 10-24 x 5/8" (Use as required)
	27261		Washer, Flat (Use as required)
	28425		Cover, Valve spring
	35350		Tube, Breather
	34662		Link, Throttle
	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
00	01012		required)
00	650549		•
	29500		Screw, 5-40 x 7/16" (Use as required) Screw, 8-32 x 3/4" (Use as required)
	650688		Screw, 10-32 x 1 (Use as required)
	650821		
	34663		Screw, 10-32 x 1/2" Spring, Speed control
	32683A		· • ·
	32955		Gasket, Fuel pump cover (Use as required) Cover, Fuel pump pad (Use as required)
	9556		Plug, Pipe 1/8-27 (Use as required)
	30063		Screw, 1/4-20 x 1/2" (Use as required)
	730152		Control Bracket(Incl.91 thru 97)(As r eq.)
	34664		Control Bracket (Incl. 98, 99, 140 & 226)
	33177		Terminal (Use as required)
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	29716		Screw, 1/4-28 x 7/16"
	650815		Washer, Belleville
	8116		Nut, Hex
	33018		Harness Assy., Adapter (Use as requir ed)
	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for
300	000-120		breakdown)
308	33328D		Starter Motor Kit (110-120 Volt) NOTE: This 110-120 volt
300	33320D		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.)