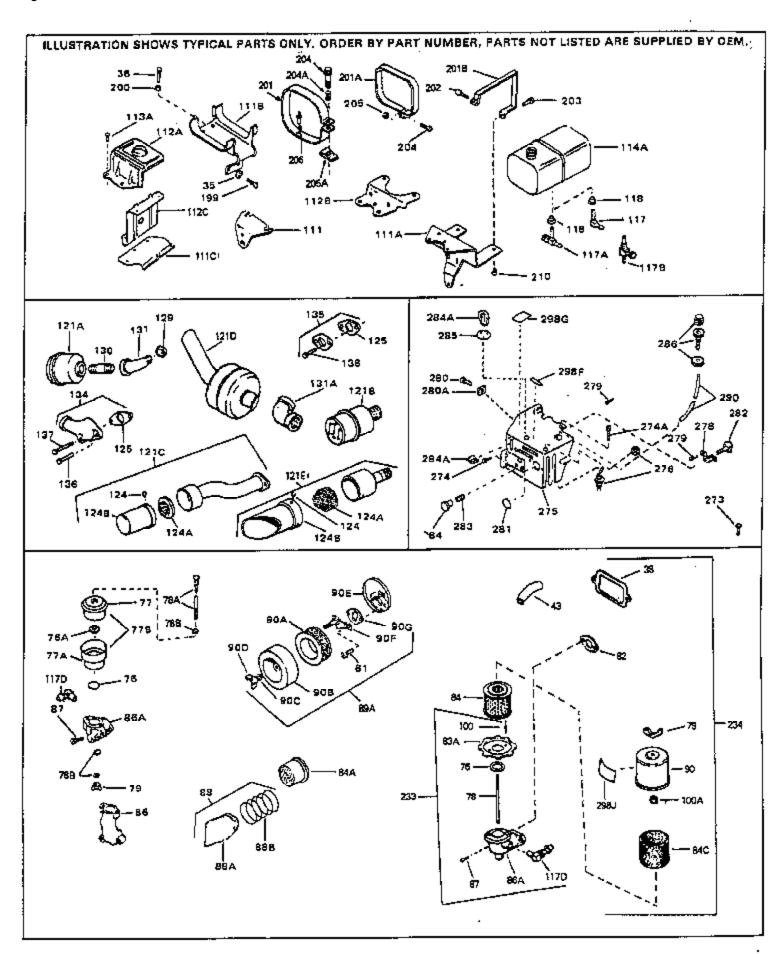


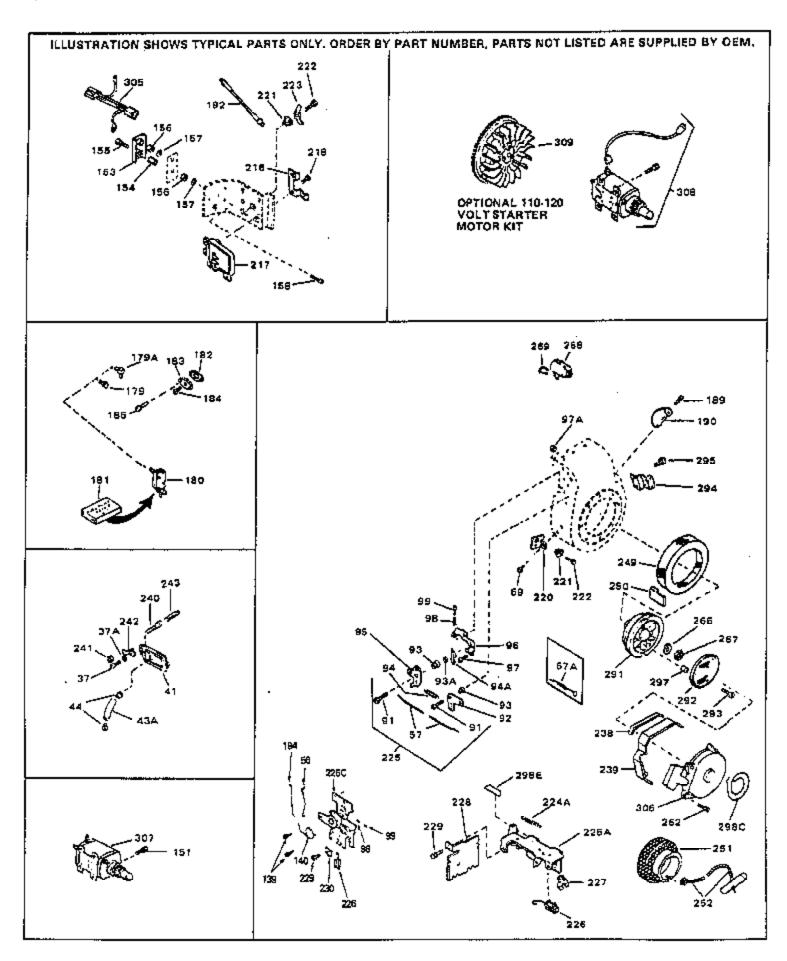
Ref #	Part Number	Qty	Description
1	33311B		Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
2	27652		Pin, Dowel
3	27642		Plug, Oil drain, 1/4-18
4	27876B		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
	32784		Intake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.)
	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	31831		Crankshaft (Incl. 12 & 13)
	29783		Pin, Crankshaft gear Used in early production. This gear is
	20.00		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)
14A	33314B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
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)
15	34854		Ring Set (Std.) (2-5/8" Bore)
15	34855		Ring Set (.010" OS)
	34856		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	31380C		Rod Assy., Connecting (Incl. 18)
	650662C		Screw, Connecting rod (Late productio n)
	30682		Bolt, Connecting rod (Early 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 1-1/4"
	650489		Screw, 1/4-20 x 5/8"
	30939A		Cover, Cylinder head
	28938C		* Gasket, Cylinder head
	30938A		
	33636		Head, Cylinder (Incl. 3 of 36) Resistor Spark Plug
	26073		
			Washer, Flat (Use as required)
	650570 650601		Washer, Flat (Use as required)
	650691 650607A		Washer, Flat (Use as required)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as required)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as required)
	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
	32447		Tube, Breather
45	27915A		* Gasket, Intake

Pof #	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"
61	29826	Screw, 10-32 x 3/4"
62	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)
63A	30699C	Rod Assy., Governor (Incl. 64 & 65)
	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)
	27272A	* Gasket, Air cleaner
85	31715	Body, Air cleaner
89	730127	Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B)
		(Use as required)
98	32924	Compression Spring (Used with 650688 screw) (Use as
		required)
00	21242	
90	31342	Compression Spring (Used with 650549 screw) (Use as
		required)
98	28569	Compression Spring (Used with 29500 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)
	30884	Key, Flywheel
	31843A	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	31845	•
	30590A	Shaft, Mechanical governor Washer, Flat
	30591	·
		Gear Assy., Governor (Incl. 106)
	30588A	Spool, Governor
	29193	Ring, Retaining
	34158	Bracket, Lower fuel tank
	34159	Plate, Upper fuel tank mtg.
	650665	Screw, 1/4-15 x 3/4"
	650561	Screw, 1/4-20 x 5/8"
114	34186A	Fuel Tank (Incl. 115 & 120)

115	# Part Number 5 410144B 5 33032	Qty	Description Fuel Cap (White Plastic)(Standard)(As req.) Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required)
115	5 34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required)
119 119 120 121 125 125 127 128 132 132 144 146 147 148 149 150 186 186 193 232 244 245 246 267 266 266 266 266 266 266 266 266 26	29774 30705 30962 26460 32401 527930A 26073 3650694A 2650548 2650139 4650542 529538 7650128 30622A 30747 0650890 527275 529443 327276 235349 431793 531792 531855 7650778 3650580 229716 432125 5590417 5650815 78116 33962 5590417 5650815 78116 33962 5333962 533310 531517 533310 531517 533310 531517 533310 531517 533349 531792 533349 531792 5331855 7650778 6650815 78116 933962 933310 93310 933117 9		Fuel Line (Braided 8.25") (Use as required) Fuel Line (Braided 16") (Use as required) Fuel Line (Braided 32") (Use as required) Clamp, Fuel line (Use as required) Muffler * Gasket, Exhaust Washer, Flat Screw, 5/16-18 x 2" Screw, 8-32 x 5/16" (Early production) Screw, 8-32 x 1/2" (Early production) Screw, 5/16-18 x 3/4" Base, Engine mounting Screw, 10-24 x 1/2" Extension, Blower housing Clip, Shorting Lockwasher Clip, Wire (Use as required) Clip, Fuel line (Use as required) Cover, Spark Plug Ground Wire Bearing, Ball Washer, Thrust Retainer, Bearing Washer, Lock Nut, Lock Screw, 1/4-28 x 7/16" Cup, Starter Screen, Starter cup Washer, Belleville Nut, Hex Decal, Control Decal, Name Decal, 5 HP Mini-Bike (Use as required) Decal, H.P. (6 H.P.) (Use as required) Decal, H.P. (6 H.P.) (Use as required) Decal, Instruction Contact Assy., Breaker Condenser Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A, page 176 for breakdown)
304	F 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)
300	5 590420		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
310) 33235A		* Gasket Set (Incl. items marked *)



Ref #	Part Number (Qtv	Description
	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 required)
	650694A		Screw, 5/16-18 x 2" (Use as required)
	27896A		* Gasket, Breather cover
	32447		Tube, Breather
	34698A		Gasket, Air cleaner elbow
	650826		Stud, 1/4-20
			·
	650513		Nut, Wing
	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)
	27272A		* Gasket, Air cleaner
	34699		Bracket, Air cleaner
	34782		Element, Air cleaner
	34783		Filter, Pre-Air
	34780		Elbow, Air cleaner
	34697		Air Cleaner Elbow Assy.(Use in 730561 only.)
87	650163		Screw, 10-32 x 7/8"
89A	730128		Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97 &
			298B) (Use as req.)
90	34781		Cover, Air cleaner
100			Pop Rivet (Purchase locally) (1/8" di a.)
	650825		Nut & Lockwasher, 1/4-20
	650665		Screw, 1/4-15 x 3/4"
	30675		Fitting, Breather tube
	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester
.2.2	001020		mufflercan be used on any model)
4044	00474		• ,
	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)
136	6021A		Screw, 5/16-18 x 1-1/2" (Use as requi red)
137	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
138	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
201	700001		(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.)
			•
	650687		Screw, 10-32 x 5/16" (Use as required)
	32410		Knob, Speed control
298J	34704		Decal, Air cleaner



Ref #	Part Number	Ωtv	Description
	650128	σιy	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
	32446		Grommet, Breather tube
	34662		Link, Throttle
	29747B		Screw, 5/16-24 x 21/32"
	32924		Compression Spring (Used with 650688 screw) (Use as
90	32324		required)
98	31342		Compression Spring (Used with 650549 screw) (Use as required)
98	28569		Compression Spring (Used with 29500 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)
99	650688		Screw, 10-32 x 1 (Use as required)
139	650821		Screw, 10-32 x 1/2"
140	34663		Spring, Speed control
182	32683A		Gasket, Fuel pump cover (Use as required)
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)
221	28545		Grommet, Plastic
222	650760		Screw, 8-32 x 3/8"
223	33356		Terminal, Ground
225	730152		Control Bracket(Incl.91 thru 97)(As r eq.)
225C	34677		Control Bracket (Incl. 98, 99, 140 & 226)
227	33177		Terminal (Use as required)
262	29716		Screw, 1/4-28 x 7/16"
266	650815		Washer, Belleville
267	8116		Nut, Hex
305	33018		Harness Assy., Adapter (Use as requir ed)
306	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for 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.)