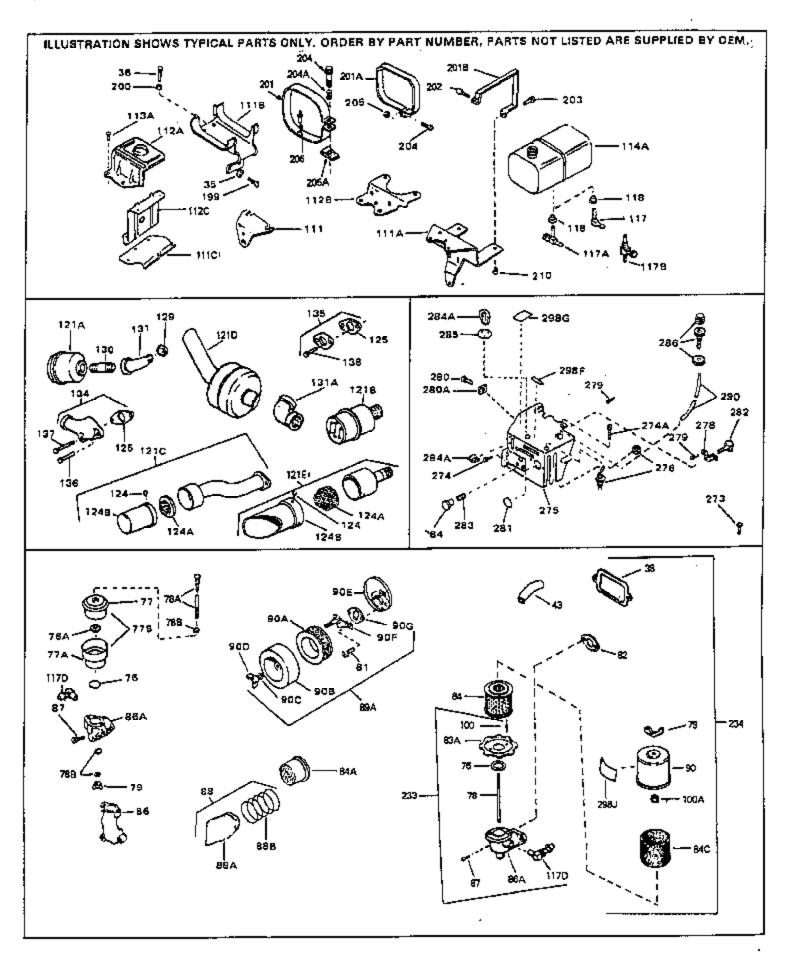


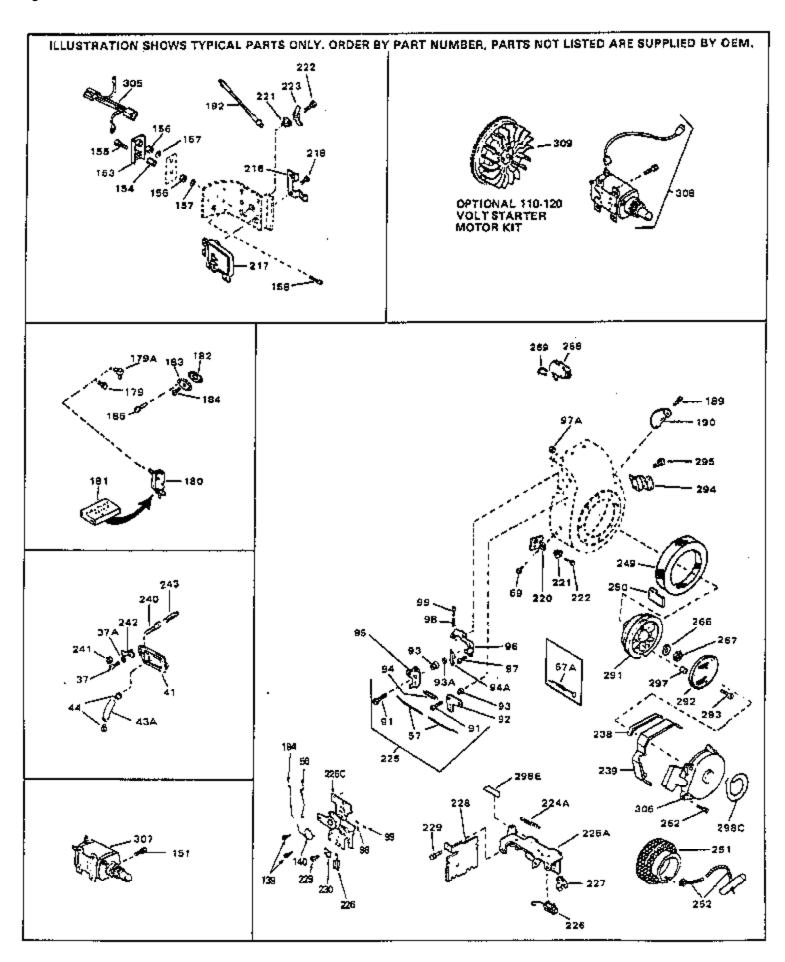
		Description
	33311B	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652	Pin, Dowel
	27642	Plug, Oil drain, 1/4-18
	27876B	Seal, Oil
5	32783	Intake Valve (Std.) (Incl. 9)
5	32784	Intake Valve (1/32" OS) (Incl. 9)
6	27878A	Exhaust Valve (Std.)
6	27880A	Exhaust Valve (1/32" OS) (Incl. 9)
7	27882	Cap, Upper valve spring
	27881	Spring, Valve
	32581	Cap, Lower valve spring
	31856A	Crankshaft (Incl. 12 & 13)
	29783	Pin, Crankshaft gear Used in early production. This gear is
	257.55	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.
	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)
	34531	Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
	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)
15	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)
	33985	Camshaft (Extended)
	34034	Lifter, Valve
	31720A	
		Cylinder Cover (Incl. 24, 24A, 27 & 1 05)
	28427	Seal, Oil
	28926	Seal, Oil
	30684	* Gasket, Cylinder cover
	31546	Bushing, Crankshaft
	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
	30938A	Head, Cylinder (Incl. 3 of 36)
	33636	Resistor Spark Plug
35	26073	Washer, Flat (Use as required)
35	650570	Washer, Flat (Use as required)
35	650691	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 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
		·
41	28425	Cover, Valve spring

		Qty	Description
	32447		Tube, Breather
	27915A		* Gasket, Intake
	34712		Flange, Carburetor (Incl. 60)
	30196		Screw, 5/16-18 x 3/4"
49	29918		Lockwasher
50	650548		Screw, 8-32 x 5/16"
51	30319		Rivet, Split (Used on early productio n)
52	33454		Lever Assy., Governor
53	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"
	29642		Ring, Retaining
	30699B		Rod Assy., Governor (This one piece gov. rod is no longer
05	30099D		· · · · · · · · · · · · · · · · · · ·
			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
	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 1-1/8" (Use as require d)
82	27272A		* Gasket, Air cleaner
83	31708		Bracket, 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)
22	00500		. ,
98	28569		Compression Spring (Used with 29500 screw)(Use as
			required)
98	32924		Compression Spring (Used with 650688 screw) (Use as
30	02024		required)
98	31342		Compression Spring (Used with 650549 screw) (Use as
			required)
00	650600		Coroux 10 22 x 1 /Llos as required)
	650688		Screw, 10-32 x 1 (Use as required)
	650549		Screw, 5-40 x 7/16" (Use as required)
	29500		Screw, 8-32 x 3/4" (Use as required)
	30884		Key, Flywheel
	31843A		Bracket, Governor gear
	650836		Screw, 10-24 x 1/2"
105	31845		Shaft, Mechanical governor
106	30590A		Washer, Flat
	30591		Gear Assy., Governor (Incl. 106)
	30588A		Spool, Governor
	29193		Ring, Retaining
	650665		Screw, 1/4-15 x 3/4"
113A			O.O., 1/T 10 A O/T

Ref #	Part Number	Qty	Description
113	30063	•	Screw, 1/4-20 x 1/2"
	34156A		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	24240		Fire Con (Ded Diestie) (Court Desistant High Dustie) / Hee
115	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			as required)
110	20774		Fuel Line (Preided 9.25") (Lieu ee reguired)
	29774		Fuel Line (Braided 8.25") (Use as req uired)
	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)
121	32401		Muffler
	27930A		* Gasket, Exhaust
	30196		
			Screw, 5/16-18 x 3/4"
	26073		Washer, Flat
	650694A		Screw, 5/16-18 x 2"
132	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"
	29538		Base, Engine mounting
	650128		Screw, 10-24 x 1/2"
	30622A		Extension, Blower housing
	27275		Clip, Wire (Use as required)
186	29443		Clip, Fuel line (Use as required)
226	610973		Terminal Assy.
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
			•
	35182		Wire, Ground
	29716		Screw, 1/4-28 x 7/16"
264	32125		Cup, Starter
265	35009		Screen, Starter cup
266	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)
298A	32173		Decal, H.P. (6 H.P.) (Use as required)
298	34346		Decal, Instruction
	30547A		Contact Assy., Breaker
	30548B		Condenser
	631021		Inlet Needle, Seat & Clip Assy.
			·
303	632178		Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A,
			page 176 for breakdown)
204	610689A		Magneto NOTE: The complete magneto is not available as
304	010009A		
			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	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for
			breakdown)
040	222254		* Cooleat Cat /Inal. itams
310	33235A		* Gasket Set (Incl. items marked *)



Ref #	Part Number	Qty 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
43	32447	Tube, Breather
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
84A	31700	Element, 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.)
111C	34167	Bracket, Lower fuel tank mtg.
	34168	Bracket, Upper fuel tank
	650665	Screw, 1/4-15 x 3/4"
	391026	Muffler (Incl. 124, 124A & 124B) (This spark arrester
	00.020	mufflercan be used on any model)
4044	22474	• ,
	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 650697A	Screw, 5/16-18 x 1-1/2" (Use as required)
	30196	Screw, 5/16-18 x 2-1/2" (Use as required)
		Screw, 5/16-18 x 3/4" (Use as require d) Air Cleaner Elbow (Incl.44,76,78,83A,86A,100)(Use in
233	34819	
		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)
213	00001	0010W, 10 02 x 0/10 (000 do 10quilou)



Dof #	Part Number	Otv	Description
	650128	Qıy	Description 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		·
	32446		Cover, Valve spring
			Grommet, Breather tube
	34662 20747D		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 required)
99	650688		Screw, 10-32 x 1 (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)
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)
225C	34664		Control Bracket (Incl. 98, 99, 140 & 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
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.)