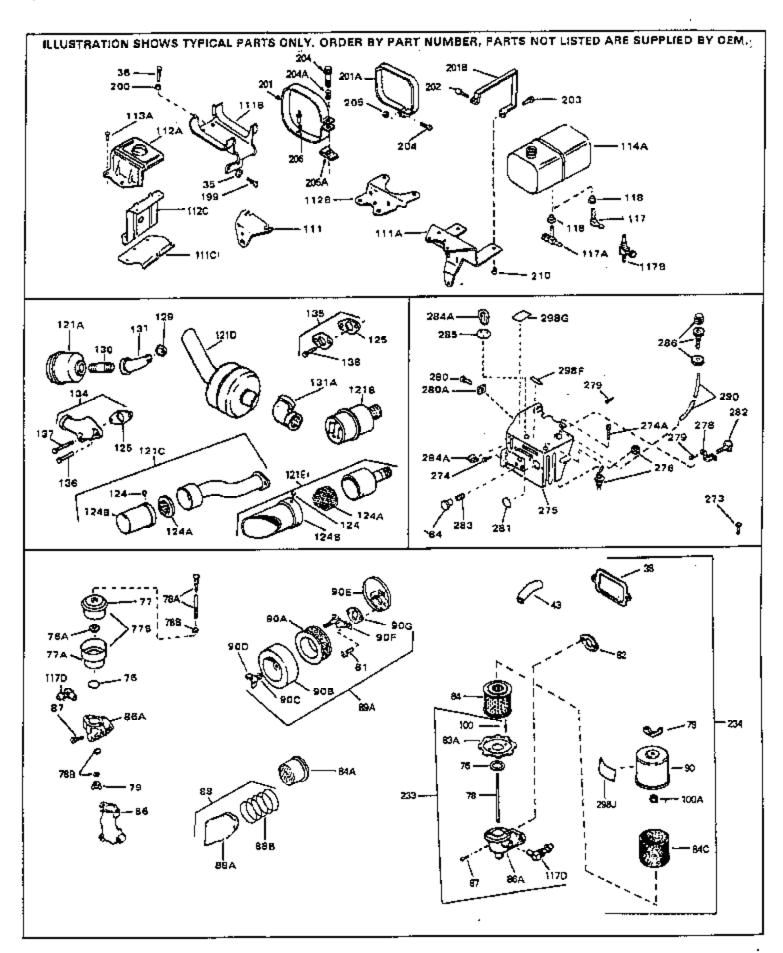


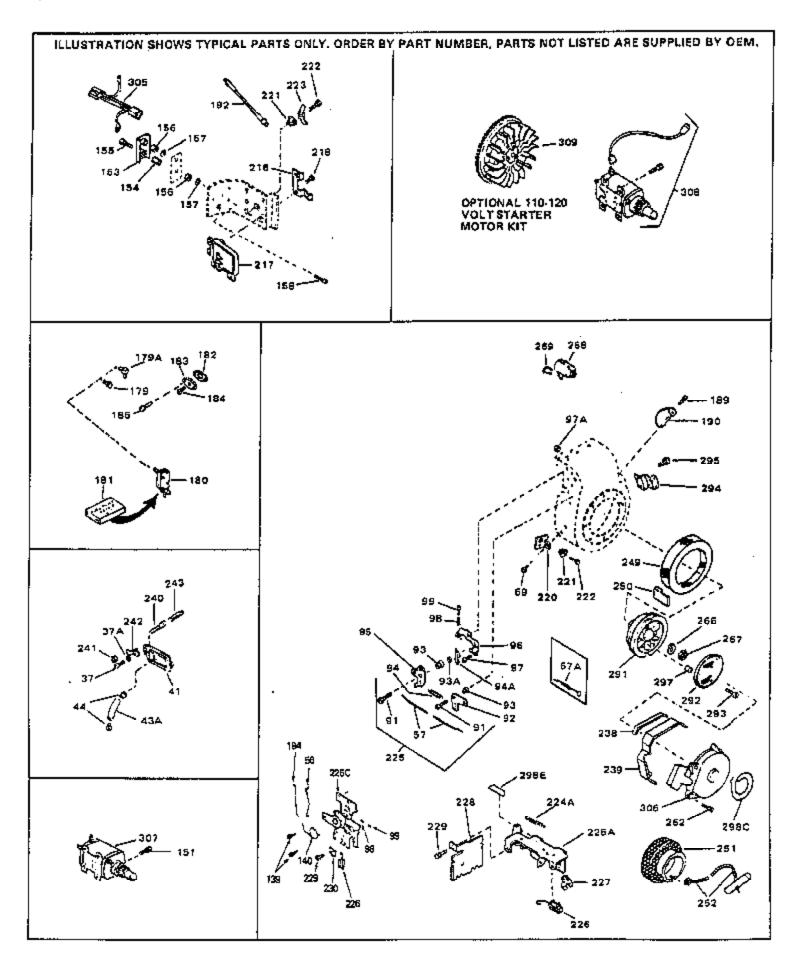
Ref #	Part Number	Otv	Description
	33311B	Qıy	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652		Pin, Dowel
	27642		·
			Plug, Oil drain, 1/4-18
	27876B		Seal, Oil
	32783		Intake Valve (Std.) (Incl. 9)
	32784		Intake Valve (1/32" OS) (Incl. 9)
6	27878A		Exhaust Valve (Std.)
6	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	32581		Cap, Lower valve spring
			•
	31376		Crankshaft (Incl. 12 & 13)
12	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
10	27001		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)
16	27888		Ring, Piston pin retaining
17	31380C		Rod Assy., Connecting (Incl. 18)
	30682		Bolt, Connecting rod (Early productio n)
	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
	31303B		Cover, Cylinder (Incl. 24, 27 & 105)
24	28427		Seal, Oil
26	30684		* Gasket, Cylinder cover
27	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
	26073		Washer, Flat (Use as required)
35	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)
	650128		Screw, 10-24 x 1/2" (Use as required)
	650597		Screw, 10-24 x 5/8" (Use as required)
	27896A		* Gasket, Breather cover
39	28423		Body, Breather
	28424		Element, Breather
	28425		Cover, Valve spring
	27915A		* Gasket, Intake
70	21010/1		Caonos, irrano

46 48 49 50 51	Part Number 30195A 30196 29918 650548 30319 32326A	Qty	Description Flange, Carburetor (Incl. 79 & 80) Screw, 5/16-18 x 3/4" Lockwasher Screw, 8-32 x 5/16" Rivet, Split (Used on early productio n) Lever, Governor (New lever does not need 1 of Ref #49,51,53,54,132,133)
54 55 56 58 59 60 61 62	30322 29916 30205 32327 29216 29752 650572 29826 29642 30699B		Lock Nut, 8-32 (Use as required) Clamp, Governor lever (Use as require d) Bracket, Adjusting Link, Throttle Locknut, 10-32 Nut & Lockwasher, 1/4-28 Screw, 1/4-28 x 1-1/8" Screw, 10-32 x 3/4" Ring, Retaining Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A)
64 65 66A 68 69 70 71 73 74 75 81A 81 81 81 82 83 84B	30699C 30700 650494 31297 29673 29747B 32158E 33876 29536 650561 31688A 650152 30196 28820 650521 27272A 31691 30727 31715 730127		Rod Assy., Governor (Incl. 64 & 65) Yoke, Governor Screw, 6-40 x 5/16" Dipstick (Incl. 68) * Gasket, Dipstick Screw, 5/16-24 x 21/32" Blower Hsg. (For elec.starter)(Incl.1 89,190) Gasket, Stator Baffle, Blower housing Screw, 1/4-20 x 5/8" * Gasket, Carburetor Screw, 8-32 x 3/8" 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 require d) * Gasket, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Body, Air cleaner Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)
	28569 32924		Compression Spring (Used with 29500 screw)(Use as required) Compression Spring (Used with 650688 screw) (Use as required)
98	31342		required) Compression Spring (Used with 650549 screw) (Use as required)
99 99 102 103 104 105 106 107	650688 650549 29500 30884 31843A 650836 31845 30590A 30591		Screw, 10-32 x 1 (Use as required) Screw, 5-40 x 7/16" (Use as required) Screw, 8-32 x 3/4" (Use as required) Key, Flywheel Bracket, Governor gear Screw, 10-24 x 1/2" Shaft, Mechanical governor Washer, Flat Gear Assy., Governor (Incl. 106) Spool, Governor

	Part Number Qt	, .
	29193	Ring, Retaining
111D	34158	Bracket, Lower fuel tank
112	34159	Plate, Upper fuel tank mtg.
113A	650665	Screw, 1/4-15 x 3/4"
113	650561	Screw, 1/4-20 x 5/8"
114	34186A	Fuel Tank (Incl. 115 & 120)
	410144B	Fuel Cap (White Plastic)(Standard)(As req.)
	33032	Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use
	00002	as required)
115	34210	Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
	0.210	as required)
119	29774	Fuel Line (Braided 8.25") (Use as req uired)
	30705	Fuel Line (Braided 16") (Use as requi red)
	30962	Fuel Line (Braided 32") (Use as requi red)
	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)
	650139	Screw, 8-32 x 1/2" (Early production)
	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
149A	30747	Clip, Shorting
150	650890	Lockwasher
	27275	Clip, Wire (Use as required)
	29443	Clip, Fuel line (Use as required)
	27276	Cover, Spark Plug
	29716	Screw, 1/4-28 x 7/16"
	32125	Cup, Starter
	590417	• '
		Screen, Starter cup
	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)
298A	32173	Decal, H.P. (6 H.P.) (Use as required)
299	30547A	Contact Assy., Breaker
300	30548B	Condenser
301	631021	Inlet Needle, Seat & Clip Assy.
303	631828	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)
306	590420	Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
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
	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)
	27272A		* Gasket, Air cleaner
	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.)
113A	650665		Screw, 1/4-15 x 3/4"
	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester
			mufflercan be used on any model)
1244	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)
	34819		Air Cleaner Elbow (Incl.44,76,78,83A,86A,100)(Use in
			730561 ass'y. only)
224	730561		Air Cleaner Kit
204	730301		(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	Otv	Description
	27261	Qty	Washer, Flat (Use as required)
	650128		Screw, 10-24 x 1/2" (Use as required)
	650597		Screw, 10-24 x 5/8" (Use as required)
	28425		Cover, Valve spring
	35350		Tube, Breather
	32327		Link, Throttle
	29747B		Screw, 5/16-24 x 21/32"
	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)
	650549		Screw, 5-40 x 7/16" (Use as required)
	29500		Screw, 8-32 x 3/4" (Use as required)
	32683A		Gasket, Fuel pump cover (Use as required)
	32955		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)
225	730152		Control Bracket(Incl.91 thru 97)(As r eq.)
227	33177		Terminal (Use as required)
240	30845A		Bolt, Governor adjusting
241	33450		Nut, Lock
242	32328		Bracket, Speed adjusting (Incl. 241)
243	30886A		Spring, Governor bolt
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.)