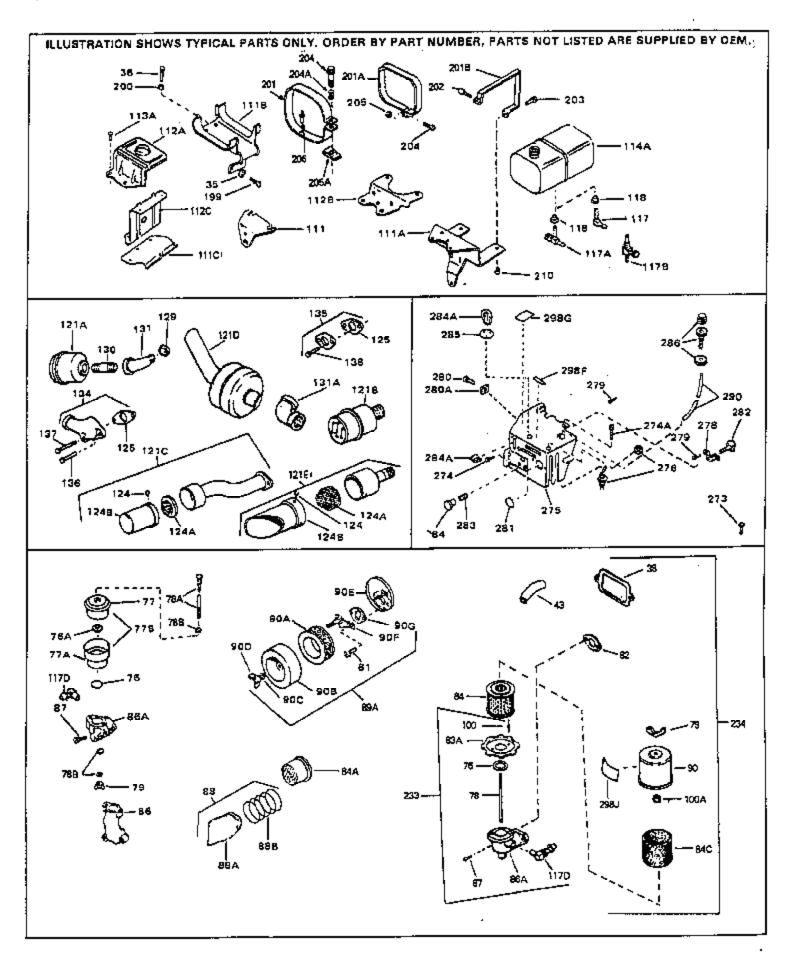


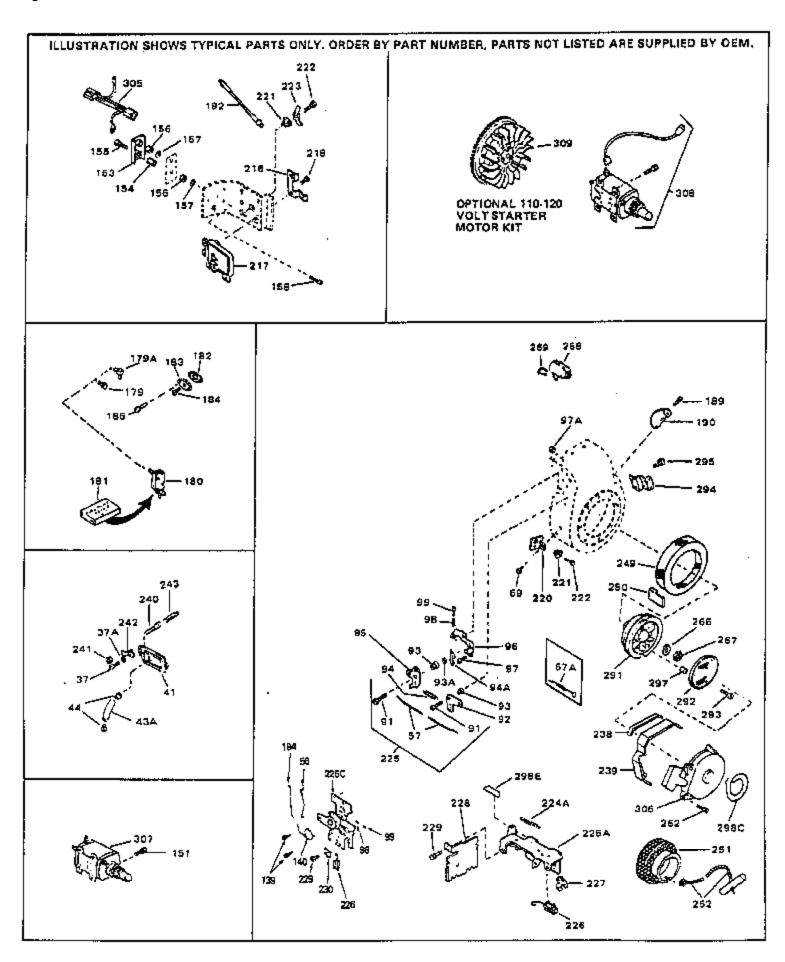
Ref # Part Number				
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5 32/784 Inlake Valve (Sid.) (Incl. 9) 6 278784 Exhaust Valve (Id.2° OS) (Incl. 9) 6 27880A Exhaust Valve (Id.2° OS) (Incl. 9) 7 27882 Cap. Upper valve spring 8 27881 Spring. Valve 9 32881 Cap. Lover valve spring 9 32881 Cap. Lover valve spring 11 32513A Cap. Lover valve spring 12 29783 Pin. Caranishaft (Incl. 12 & 13) 12 29783 Pin. Caranishaft (Incl. 12 & 13) 13 27884 Gard, Caranishaft (Incl. 12 & 13) 14 34531 Piston, Pin & Ring Set (Sid.) (2-58" Bore) 14 34532 Piston, Pin & Ring Set (Ol10" OS) 14 34533 Piston, Pin & Ring Set (Ol10" OS) 14 34533 Piston, Pin & Ring Set (Ol10" OS) 14 34534 Piston, Pin & Ring Set (Ol10" OS) 15 34854 Piston, Pin & Ring Set (Ol20" OS) 16 34855 Piston, Pin & Ring Set (Ol20" OS) 17 31298C Rod Assy, Connecting (Incl. 16) 18 34856 Ring Set (Ol10" OS) 18 650662C Rod Assy, Connecting (Incl. 18) 19 8073 Connecting (Incl. 18) 20 28264 Componenting (Incl. 18) 21 31303 Connecting (Incl. 18) 22 34034 Lilier, Valve 23 313038 Cover, Cylinder (Incl. 24, 27 & 105) 24 28427 Sell 25 650498 Screw, Landish Piston (Incl. 3 of 3) 3 30339A Cover, Cylinder Lead 3 30339A Resistor Spark Plug 3 28423 Boddet Bodd, Bodd, Bodd, Bodd, Screw, Incl. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 3 of 60597 3 2 28697 Screw, Ind. 20 of 60597 3 2 28697 Screw, Ind. 20 of 60597 3 2 28697 Screw, Ind. 20 of 60597 3 2 28697 3 3 660697 3 660				
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8 27881 9 32581 Cap, Lower valve spring Crankshaft (Incl. 12 & 13) Pin, Crankshaft (Incl. 12 & 13) Pin, Crankshaft (Incl. 12 & 13) Pin, Crankshaft (Incl. 12 & 13) Pin, Crankshaft	7	27882		Cap, Upper valve spring
9 32581 11 325134 11 325134 11 325134 11 325134 12 29783 11 227883 11 27884 11 27884 11 327884 11 327884 11 327884 11 327884 11 34531 12 37884 13 4531 14 34531 15 4532 17 19 18 18 19 18 19 19 10 10 18 19 19 19 10 19 19 19 19 19 19 19 19 19 19 19 19 19				
11 32513A 12 29783 Pin, Crankshaft (Incl. 12 & 13) Pin, Pin, Say, (Incl. 16) Pin, A Ring Set (Incl. 12 & 13) Pin, Pin, Say, (Incl. 16) Pin, A Ring Set (Incl. 16) Pin, A Ring Set (Incl. 16) Pin, Pin, & Ring Set (Incl. 16) Pin, Pin, R Ring Set (Incl. 16) Pin, Pin, Pin, Pin, Pin, Pin, Pin, Pin,				
Pin, Crankshaft gear Used in early production. This gear is serviceable ONLY when itis pinned to the crankshaft.				•
Serviceable ONLY when its pinned to the crankshaft.	11	32513A		Crankshaft (Incl. 12 & 13)
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Gear, Crankshaft Used in early production. This gear is serviceable ONLY when itis primed to the crankshaft. 14 34531 14 34532 15 34532 14 34533 16 33132B 17 33132B 18 14 33313B 19 15ton, Pin & Ring Set (.020" OS) 14A 33313B 19 15ton & Pin Assy. (.010" OS) 15 15 34854 16 15 34855 17 34855 18 17 34855 18 18 18 18 18 18 18 18 18 18 18 18 18 1	-			
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Serviceable ONLY when itis pinned to the crankshaft.	13	2788/		Gear Crankshaft Lleed in early production. This gear is
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14A 33312B	14	34533		Piston, Pin & Ring Set (.020" OS)
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111D 34158 Bracket, Lower fuel tank 112 34159 Plate, Upper fuel tank mtg. 113A 650665 Screw, 1/4-15 x 3/4"				• •
112 34159 Plate, Upper fuel tank mtg. 113A 650665 Screw, 1/4-15 x 3/4"				
113A 650665 Screw, 1/4-15 x 3/4"				·
113 650561 Screw, 1/4-20 x 5/8"				
	113	650561	5	Screw, 1/4-20 x 5/8"

Ref #	Part Number	Qty	Description
114	34186A		Fuel Tank (Incl. 115 & 120)
115	410144B		Fuel Cap (White Plastic)(Standard)(As req.)
115	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use
			as required)
	0.404.0		• •
115	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use
			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 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)
	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
	27275		Clip, Wire (Use as required)
186	29443		Clip, Fuel line (Use as required)
193	610118		Cover, Spark plug
232	610609		Ground Wire
262	29716		Screw, 1/4-28 x 7/16"
264	32125		Cup, Starter
265	590417		Screen, Starter cup
266	650815		Washer, Belleville
267	8116		Nut, Hex
	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)
	30547A		Contact Assy., Breaker
	30548B		Condenser
	631021		Inlet Needle, Seat & Clip Assy.
	631927		Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A,
000	001027		page 140 for breakdown)
			,
304	610694A		Magneto (w/ring gear for 120 volt sta rter) 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 20 for
300	J3U413		Rewind Starter (Refer to Division 5, Section C, page 29 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
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)
	34697		Air Cleaner Elbow Assy. (Use in 730561 only.)
	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"
121E	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester
			mufflercan be used on any model)
124A	33171		Muffler Screen (Use as required)
124B	33185		Cover & Tube, Muffler (Use as require d)
124	650578		Screw, 8-18 x 3/8"
125	27930A		* Gasket, Exhaust
134	31288		Muf.Adapter Kit(Incl.125,136,137)(As req.)
135	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
			(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)
274	650257		Screw, 8-32 x 5/16"
274A	650765		Screw, 10-32 x 1/2"
275	34672		Cover, Carburetor
	32398		Bracket, Choke
279	28820		Screw, 10-32 x 1/2"
280	650760		Screw, 8-32 x 3/8"
	650764		"U" Clip Nut
	32410		Knob, Speed control
	35438		Knob, Speed Control
	570629A		Primer Assy.
290	32180C		Line, Primer



37A 37 37 41 43A 56 69 98	Part Number 27261 650128 650597 28425 35350 34662 29747B 28569	Qty	Description Washer, Flat (Use as required) Screw, 10-24 x 1/2" (Use as required) Screw, 10-24 x 5/8" (Use as required) Cover, Valve spring Tube, Breather Link, Throttle Screw, 5/16-24 x 21/32" Compression Spring (Used with 29500 screw)(Use as required) Compression Spring (Used with 650688 screw) (Use as
98	31342		required) Compression Spring (Used with 650549 screw) (Use as required)
99 99 139 140 182 183 184 185 189 190 194 220 221 225 225C 225 227 238 239 262 266 267 305	650549 29500 650688 650821 34663 32683A 32955 9556 30063 650760 33013 34661 34126 28545 650760 34677 730152 33177 32576 34127 29716 650815 8116 33018 590473		Screw, 5-40 x 7/16" (Use as required) Screw, 8-32 x 3/4" (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 10-32 x 1/2" Spring, Speed control Gasket, Fuel pump cover (Use as required) Cover, Fuel pump pad (Use as required) Plug, Pipe 1/8-27 (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Screw, 8-32 x 3/8" Cover, Starter bubble Link, Govemor Bracket, Grommet mounting Grommet, Plastic Screw, 8-32 x 3/8" Control Bracket (Incl. 98, 99, 140 & 226) Control Bracket (Incl.91 thru 97)(As r eq.) Terminal (Use as required) Seal, Snow guard Guard, Starter Screw, 1/4-28 x 7/16" Washer, Belleville Nut, Hex Harness Assy., Adapter (Use as requir ed) Rewind Starter (Refer to Division 5, Section C, page 29 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.)