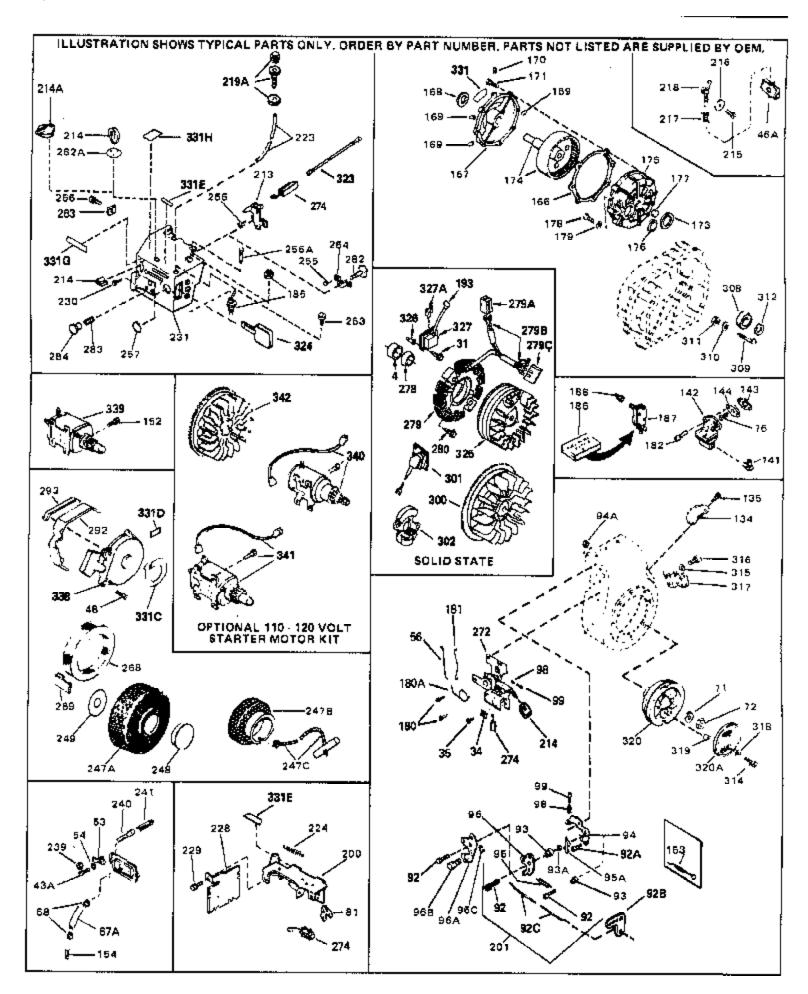


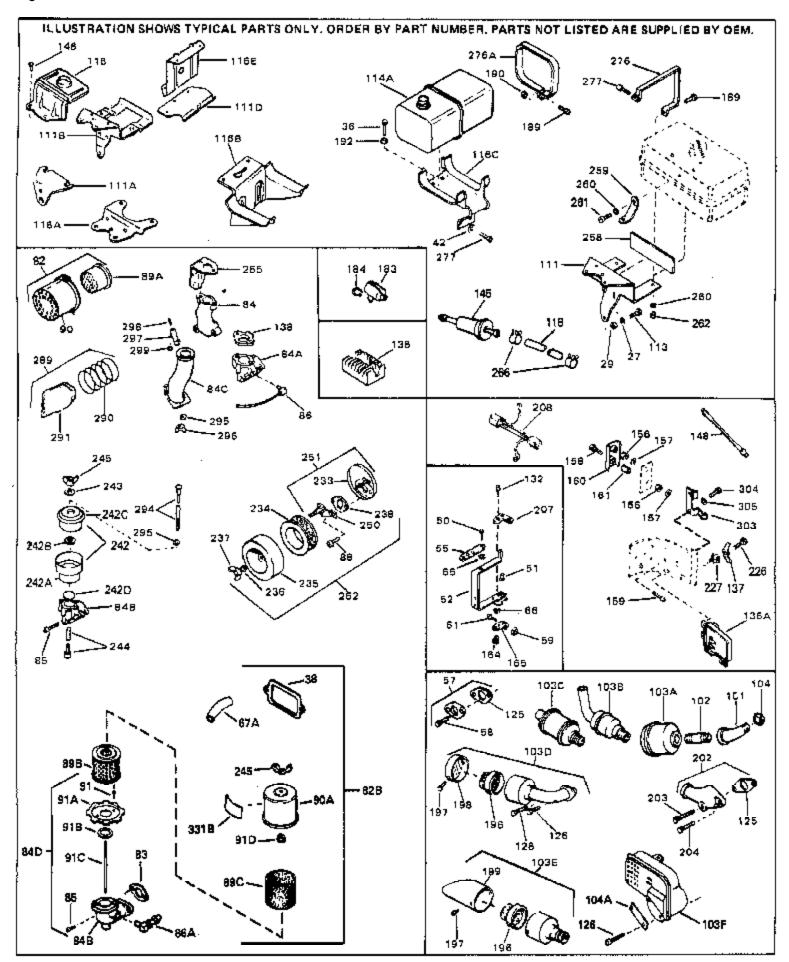
		Qty	Description
1	32586C		Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore)
2	27652		Pin, Dowel
3	27642		Plug, Oil drain
4	32630		Seal, Oil
	32783		Intake Valve (Std.) (Incl. 9)
	32784		Intake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.) (Incl. 9)
	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
	20810		, , , ,
			Pin, Valve spring retainer (Use as re quired)
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	32581		Cap, Lower valve spring
10	34242		Dipper, Oil
10A	32590		Plate, Lock & Oil dipper (This plate may be replaced by
			34242 oil dipper but 650662C screw must be used.)
11	32680A		Crankshaft (Incl. 12 & 13)
	29783		· · · · · · · · · · · · · · · · · · ·
			Crankshaft Gear Pin (Early production)
13	27884		Gear, Crankshaft (Used in early production) This gear is
			servicable onlywhen it is pinned to the crankshaft.
14A	32592B		Piston & Pin Ass'y. (Std.)(2-3/4")(In cl.16)
	32593B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	32594B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	34517		Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
	34518		Piston, Pin & Ring Set (.010" OS)
	34519		Piston, Pin & Ring Set (.020" OS)
	32595		Ring Set (Std.) (2-3/4" Bore)
	32596		Ring Set (.010" OS)
	32597		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	32591C		Rod Assy., Connecting (Incl. 10 & 18)
	650662C		Screw, Connecting rod (2 each)
	30968		Nipple, Oil drain
	30969		Cap, Oil drain
	32115		Camshaft (MCR)
22	34034		Lifter, Valve
23	31303B		Cover, Cylinder (Incl. 24, 106 & 279)
24B	31546		Bushing, Crankshaft (Use as required)
	28427		Seal, Oil
25	29668		Dipstick, Oil (Incl. 30)
	30684		* Gasket, Cylinder cover
	650488		Screw, 1/4-20 x 1-1/4"
	29673		* Gasket, Oil filler
	650489		Screw, 1/4-20 x 5/8"
	32631A		* Gasket, Cylinder head
	30938A		Head, Cylinder Clip, Conduit (Lice as required)
	27793		Clip, Conduit (Use as required)
	28942		Screw, 10-32 x 3/8" (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)
	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug
38	27896A		* Gasket, Breather cover
39	28423		Body, Breather
	28424		Element, Breather
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75 31688A * Gasket, Carburetor 79 29752 Nut & Lockwasher Assy., 1/4-28 80 650572 Screw, 1/4-28 x 1-1/8" 82A 730164 Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 83 27272A * Gasket, Air cleaner 87 31691 Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in early production only. 88 28820 Screw, 10-32 x 1/2" 97 35349 Ground Wire 100 29538 Base, Engine mounting 103 32401 Muffler 106 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 113 650561 Screw, 1/4-20 x 5/8" 114 31301 Fuel Tank (Incl. 115)	7/	650561		Screw 1/4-20 v 5/8"
79 29752				•
80 650572 82A 730164 Screw, 1/4-28 x 1-1/8" Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) * Gasket, Air cleaner 87 31691 Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in early production only. 88 28820 Screw, 10-32 x 1/2" 97 35349 Ground Wire 100 29538 Base, Engine mounting 103 32401 Muffler 106 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 113 650561 Screw, 1/4-20 x 5/8" 114 31301 Fuel Tank (Incl. 115)				· · · · · · · · · · · · · · · · · · ·
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114 31301 Fuel Tank (Incl. 115)				
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	113	- 10 1 110		Tadi Sap (Millio Flasho)(Ola)(no Tega Ilea)

Ref #	Part Number Qt	y Description
115	33032	Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile) (Use as required)
115	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
115	35355	Fuel Cap (Use as required)
	29683	Valve, Fuel shut-off
118	29774	Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705	Fuel Line (Braided 16") (41 cm) (Use as req.)
118	30962	Fuel Line (Braided 32") (81 cm) (Use as req.)
120	650128	Screw, 10-24 x 1/2" (Use as required)
121	30622A	Extension, Blower housing
124	650542	Screw, 5/16-18 x 3/4"
125	27930A	Gasket, Exhaust
126	30196	Screw, 5/16-18 x 3/4"
127	26073	Washer (Use as required)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	32589	Key, Flywheel
	31843A	Bracket, Governor gear
	650836	Screw, 10-24 x 1/2"
	650493	Screw, 1/4-20 x 1-3/4"
	30747	Clip, Shorting
	610118	Cover, Spark plug (Use as required)
	650561	Screw, 1/4-20 x 5/8" (Use as required)
	30939A	Cover, Cylinder head
	32125	Cup, Starter
	590417	Screen, Starter cup
	26460	Clamp, Fuel line
	31461	Bushing, Crankshaft (Use as required)
	610973	Terminal Ass'y. (As req. on late prod uction)
	27275	Clip, Hi-tension wire (Use as require d)
	34246	Clip, Ground wire (Use as required)
	34346	Decal, Instruction
	30547A	Contact Assy., Breaker
	30548B 631021	Condenser Inlet Needle, Seat & Clip Assy.
	631440	Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78
330	031440	for breakdown)
337	610694A	Magneto (w/ring gear for 110 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 show in parts list. (Refer to Division 5, Section B, page 24 for breakdown)
338	590420	Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
343	33239A	Gasket Set (Incl. items marked*)



Ref #	Part Number Qt	y Description
	650489	Screw, 1/4-20 x 5/8"
34	27793	Clip, Conduit (Use as required)
	28942	Screw, 10-32 x 3/8" (Use as required)
	650128	Screw, 10-24 x 1/2"
	29716	Screw, 1/4-28 x 7/16"
	30824	Link, Throttle
	650815	Washer, Belleville
	8116	Nut, Hex
	610118	Cover, Spark plug (Use as required)
	33108A	Control Bracket (Incl. 224 & 274)
	30826	Spring, Extension
	650257	Screw, 8-32 x 5/16"
	32395	
		Cover, Carburetor
	32398	Bracket, Choke
	28820	Screw, 10-32 x 1/2"
	650760	Screw, 8-32 x 3/8"
	650765	Screw, 10-32 x 1/2"
	31291	Plug, Cover
	650764	Nut, "U" Type (Use as required)
	610973	Terminal Ass'y. (As req. on late prod uction)
	32397	Plate Assy., Choke
	32399	Spring, Choke stop
	32400	Knob, Choke
	31680	Guard, Starter
293	32576	Seal, Snow guard
331H	31682	Decal, Instruction
331G	31718	Decal, Choke
338	590420	Rewind Starter (Refer to Division 5, Section C, page 25 for
		breakdown)
340	33328D	Starter Motor Kit (110-120 Volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder hasdrilled and tapped starter mounting bosses and a ring gear flywheel (see#342). Refer to service number stamped on end cap of motor, or on decal, for identifica
342	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter kits listed above)
342	611042	Flywheel (Used on Type letters H and above) (Std. Point ignition) (Ring gear flywheel required on engines using 110-120 volt starter kits listed above)
342	611085	Flywheel (Minimum ring gear flywheel required on engines using 110-120 volt starter kits listed above) (Use with Solid State ignition)



Ref #	Part Number	Qty	Description
36 36 38 42 42 50 51	27513 650697A 650695A 650694A 27896A 26073 650691 650548 30319 32326A		Lockwasher, 1/4" (Use as required) Screw, 5/16-18 x 2-1/2" (Use as requi red) Screw, 5/16-18 x 2-1/4" (Use as requi red) Screw, 5/16-18 x 2" (Use as required) * Gasket, Breather cover Washer (Use as required) Washer, Flat (Use as required) Screw, 8-32 x 5/16" Rivet, Split (Used in early productio n) Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)
57 58 59 61 66	30205 730130 30196 29216 29826 29918 730561		Bracket, Adjusting Exh.Adap.Kit (Incl. 58 & 125) (Use as req.) Screw, 5/16-18 x 3/4" (Use as require d) Nut, Lock, 10-32 Screw, 10-32 x 3/4" Lockwasher, #8 E.T. Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 91, 91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines with an externally vented fully adjustable carburetor)
82	730127		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 & 331B) (Use as required)
	27272A 34819		* Gasket, Air cleaner Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Use in 730561 assembly only)
103E 111 113 118 118 118 125 126 128 132 148 148 148 202 203 204 262 266 276	28820 391026 31694 650561 29774 30705 30962 27930A 30196 650694A 650548 34067 34069 6201 31288 650697A 6021A 29752 26460 31697		Screw, 10-32 x 1/2" Opt. Spark Arrest Muffler (Incl.196,1 97,199) Bracket, Fuel tank Screw, 1/4-20 x 5/8" Fuel Line (Braided 8-1/4" 21 cm)(Use as req.) Fuel Line (Braided 32") (81 cm) (Use as req.) Fuel Line (Braided 32") (81 cm) (Use as req.) Gasket, Exhaust Screw, 5/16-18 x 3/4" Screw, 5/16-18 x 2" (Use as required) Screw, 8-32 x 5/16" (Early production) Wire Assy., Alternator adapter (4-1/4") Wire Assy., Alternator adapter (6-3/4") Screw, 1/4-28 x 7/8" Exh. Adaptor Kit (Incl.125,203,204) (As req.) Screw, 5/16-18 x 2-1/2" (Use as required) Screw, 5/16-18 x 1-1/2" (Use as required) Nut, Lock Clamp, Fuel line Strap, Fuel tank Screw, Hex hd. Sems, 1/4-28 x 7/16