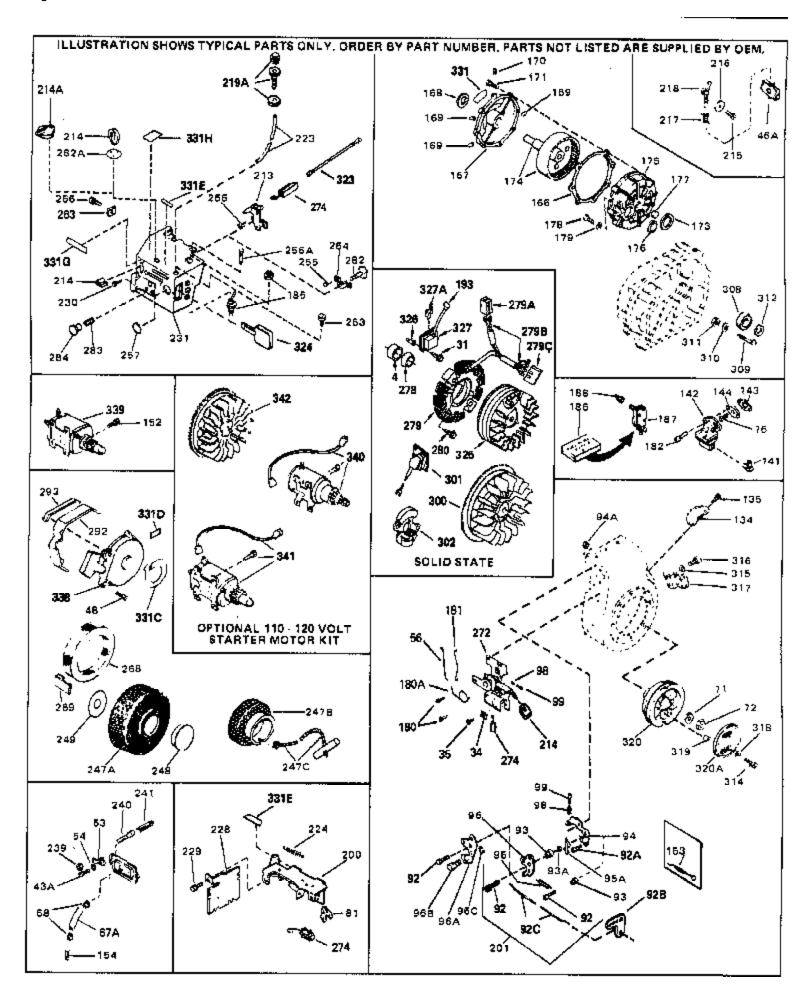


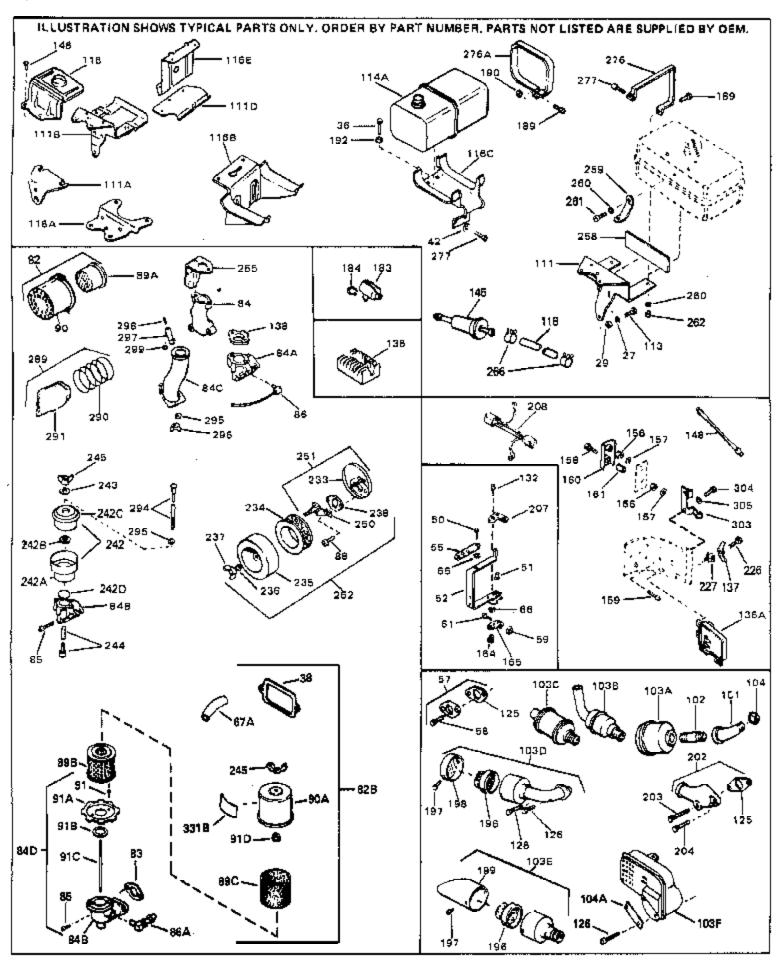
Ref # Part Number	Qty Description
1 32586C	Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore)
2 27652	Pin, Dowel
3 27642	Plug, Oil drain
4 32630	Seal, Oil
	·
5 32783	Intake Valve (Std.) (Incl. 9)
5 32784	Intake Valve (1/32" OS) (Incl. 9)
6 27878A	Exhaust Valve (Std.) (Incl. 9)
6 27880A	Exhaust Valve (1/32" OS) (Incl. 9)
7A 20810	Pin, Valve spring retainer (Use as re quired)
7 27882	Cap, Upper valve spring
8A 27881	Spring, Valve
8 27881	Spring, Valve
9A 32581	Cap, Lower valve spring
9 32581	Cap, Lower valve spring
10A 32590	Plate, Lock & Oil dipper (This plate may be replaced by
10A 32330	34242 oil dipper but 650662C screw must be used.)
	34242 Oil dipper but 0000020 Screw must be used.)
10 34242	Dipper, Oil
11 32680A	Crankshaft (Incl. 12 & 13)
12 29783	Crankshaft Gear Pin (Early production)
13 27884	Gear, Crankshaft (Used in early production) This gear is
10 2/001	servicable onlywhen it is pinned to the crankshaft.
	servicable of hywher it is piritied to the drainstrait.
14 34517	Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
14 34518	Piston, Pin & Ring Set (.010" OS)
14 34519	Piston, Pin & Ring Set (.020" OS)
14A 32592B	Piston & Pin Ass'y. (Std.)(2-3/4")(In cl.16)
14A 32593B	Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A 32594B	Piston & Pin Ass'y. (.020" OS) (Incl. 16)
15 32595	Ring Set (Std.) (2-3/4" Bore)
15 32596	
	Ring Set (.010" OS)
15 32597	Ring Set (.020" OS)
16 27888	Ring, Piston pin retaining
17 32591C	Rod Assy., Connecting (Incl. 10 & 18)
18 650662C	Screw, Connecting rod (2 each)
19 30968	Nipple, Oil drain
20 30969	Cap, Oil drain
21 32115	Camshaft (MCR)
22 34034	Lifter, Valve
23 31303B	Cover, Cylinder (Incl. 24, 106 & 279)
24 28427	Seal, Oil
24B 31546	Bushing, Crankshaft (Use as required)
25 31297	Dipstick, Oil (Incl. 30)
26 30684	* Gasket, Cylinder cover
28 650488	Screw, 1/4-20 x 1-1/4"
30 29673	•
	* Gasket, Oil filler
31 650489	Screw, 1/4-20 x 5/8"
32 32631A	* Gasket, Cylinder head
33 30938A	Head, Cylinder
34 27793	Clip, Conduit (Use as required)
35 28942	Screw, 10-32 x 3/8" (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)
37 33636	Resistor Spark Plug (RJ-8C)
37 34251	Resistor Spark Plug
38 27896A	* Gasket, Breather cover
39 28423	Body, Breather
40 28424	Element, Breather

Rof #	Part Number	Ot√	Description
-	28425	Qty	Cover, Valve spring
	26073		Washer (Use as required)
	650691		
			Washer, Flat (Use as required)
	650690		Washer, Belleville (Use as required)
	650128		Screw, 10-24 x 1/2"
	27915A		* Gasket, Intake
	30195A		Flange, Carburetor (Incl. 79 & 80)
47	30196		Screw, 5/16-18 x 3/4"
48	29716		Screw, 1/4-28 x 7/16"
50	650548		Screw, 8-32 x 5/16"
	32326A		Lever, Governor (New lever does not need 1 of
			51,66,132,164,165,207)
55	30205		Bracket, Adjusting
	30824		•
			Link, Throttle
	29216		Nut, Lock, 10-32
	29826		Screw, 10-32 x 3/4"
	29642		Ring, Retaining
	30699C		Rod Assy., Governor (Incl. 64 & 65)
63	30699B		Governor Rod Ass'y. (This one-piece governor rodis no longer
			used. It is replaced by 30699C ass'y.,Ref. no. 63A)
64	30700		Yoke, Governor
	650494		Screw, 6-40 x 5/16"
	29918		Lockwasher, #8 E.T.
	35350		Tube, Breather
	29747B		Screw, 5/16-24 x 21/32"
	32158E		
			Blower Housing (For elec.star.)(Incl. 134,135)
	650815		Washer, Belleville
	8116		Nut, Hex
/3	29536		Blower Housing Baffle (without electric starter knock-out)
			(Use as required)
73	35256A		Blower Housing Baffle (with electric starter knock-out) (Use
			as required) (Point Ignition)
74	650561		Screw, 1/4-20 x 5/8"
	31688A		* Gasket, Carburetor
	29752		Nut & Lockwasher Assy., 1/4-28
	650572		Screw, 1/4-28 x 1-1/8" Air Cleanar Apply (Incl. CO. 83, 87, 88, 80, 80, 80, 83, 83, 87)
82A	730164		Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B)
			(Use as required)
	34240		Ground Wire
100	29538		Base, Engine mounting
103	32401		Muffler
	31845		Shaft, Mechanical governor
	30591		Gear Assy., Governor (Incl. 109)
	30588A		Spool, Governor
	30590A		Washer, Flat
	29193		Ring, Retaining
	34158		Bracket, Fuel tank
	650561		Screw, 1/4-20 x 5/8" Fuel Tapk (Incl. 115 & 266) NOTE: Those tapks were built
114	34186A		Fuel Tank (Incl. 115 & 266) NOTE: These tanks were built
			with different size fuel inlet openings. Tanks with the 1-3/16"
			I.D. opening use fuel cap 33032 or 34210. Tanks with the
			1-1/2" I.D. opening use fuel cap 35355 or 35650.
115	410144B		Fuel Cap (White Plastic)(Std)(As requ ired)

		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)
116D	34159	Plate, Fuel tank mounting
117A	32961	Valve, Shut-off
	29774	Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
	30705	Fuel Line (Braided 16") (41 cm) (Use as req.)
	30962	Fuel Line (Braided 32") (81 cm) (Use as req.)
	650128	Screw, 10-24 x 1/2" (Use as required)
	30622A	Extension, Blower housing
	650542	Screw, 5/16-18 x 3/4"
	27930A	Gasket, Exhaust
	30196	Screw, 5/16-18 x 3/4"
	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
	650665	Screw, 1/4-15 x 7/8"
	610118	
	650561	Cover, Spark plug (Use as required) Screw, 1/4-20 x 5/8" (Use as required)
	30939A	• • •
	32180C	Cover, Cylinder head Line, Primer
	34126 650760	Bracket, Grommet mounting
	650760	Screw, 8-32 x 3/8"
	28545	Grommet Gue, Storter
	32125	Cup, Starter
	590417	Screen, Starter cup
	26460	Clamp, Fuel line
	31461	Bushing, Crankshaft (Use as required)
	33876	Gasket, Stator
	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)
	550223	Decal, Name
	34346	Decal, Instruction
	30547A	Contact Assy., Breaker
	30548B	Condenser
	631021	Inlet Needle, Seat & Clip Assy.
336	631920	Carburetor (Incl. 75) (Refer to Division 5, Section A, page 138 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	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)
343	33239A	Gasket Set (Incl. items marked*)



Ref #	Part Number Q	y Description
	650489	Screw, 1/4-20 x 5/8"
	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
	33013	Cover, Bubble
	650760	Screw, 8-32 x 3/8"
	610118	Cover, Spark plug (Use as required)
	33108A	Control Bracket (Incl. 224 & 274)
	35438	Knob, Control
	570629A	Primer Assy.
	32180C	Line, Primer
	30826	Spring, Extension
	650257	Screw, 8-32 x 5/16"
	34581	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)
	34127	Guard Starter
	32576	Seal, Snow guard
	34414	Decal, Warning
	34416	Decal, Choke
	550223	Decal, Name
	34144	Decal, Primer
	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for
		breakdown)
0.40	00000B	
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)
242	611042	Flourback (Lland on Type letters Lland above) (Std. Daint
342	011042	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)



	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)
84D	34819	Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Use in 730561 assembly only) NOTE: 130010 thru 10C & 11 used in early production only.
113 118 118 118 125 126 128 132 137 148 148 202 203 204 226 227	391026 650561 29774 30705 30962 27930A 30196 650694A 650548 33356 34067 34069 31288 650697A 6021A 650760 28545 26460	Opt. Spark Arrest Muffler (Incl.196,1 97,199) Screw, 1/4-20 x 5/8" Fuel Line (Braided 8-1/4" 21 cm)(Use as req.) Fuel Line (Braided 16") (41 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) Terminal Wire Assy., Alternator adapter (4-1/4") Wire Assy., Alternator adapter (6-3/4") 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) Screw, 8-32 x 3/8" Grommet Clamp, Fuel line