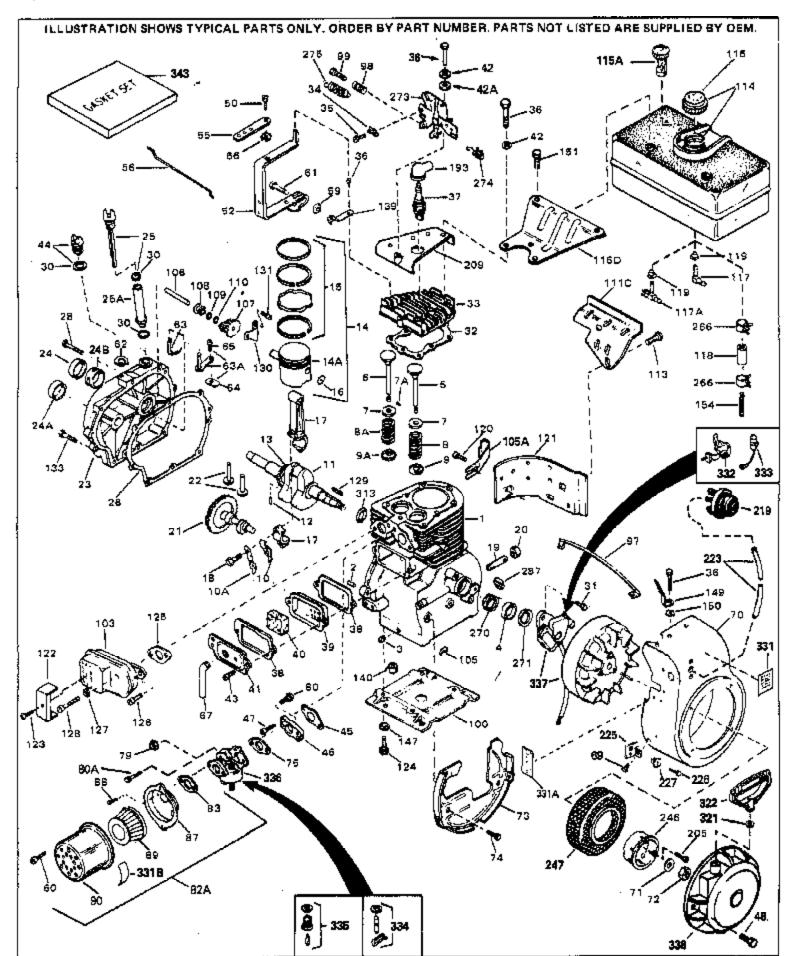
H70-130003A Engine Parts List #1



		<u> </u>	
	Part Number	Qty	
1	32586C		Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore)
	27652		Pin, Dowel
	28582		Plug, Oil drain
	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)
	27882		Cap, Upper valve spring
	20810		Pin, Valve spring retainer (Use as re quired)
	27881		Spring, Valve
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	32581		Cap, Lower valve spring
	34242		Dipper, Oil
TUA	32590		Plate, Lock & Oil dipper (This plate may be replaced by 34242 oil dipper but 650662C screw must be used.)
11	32587		Crankshaft (Incl. 12 & 13)
12	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.
	34517		Piston, Pin & Ring Set (Std.) (2-3/4" Bore)
	34518		Piston, Pin & Ring Set (.010" OS)
	34519		Piston, Pin & Ring Set (.020" OS)
	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)
	32595		Ring Set (Std.) (2-3/4" Bore)
	32596		Ring Set (.010" OS)
	32597 27888		Ring Set (.020" OS)
	32591C		Ring, Piston pin retaining Rod Assy., Connecting (Incl. 10 & 18)
	650662C		Screw, Connecting rod (2 each)
	32678		Nipple, Oil drain
	30969		Cap, Oil drain
	32178		Camshaft (MCR) (Extended)
	34034		Lifter, Valve
	31720A		Cover, Cylinder (Incl. 24, 24A, 106 & 279)
	28427		Seal, Oil
	31546		Bushing, Crankshaft (Use as required)
	28926		Seal, Ŏi
25	29668		Dipstick, Oil (Incl. 30)
26	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
	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 required)
	650694A		Screw, 5/16-18 x 2" (Use as required)
	33636		Resistor Spark Plug (RJ-8C)
	34251		Resistor Spark Plug
	27896A		* Gasket, Breather cover
39	28423		Body, Breather

		/ Description
40	28424	Element, Breather
41	28425	Cover, Valve spring
42A	650690	Washer, Belleville (Use as required)
42	26073	Washer (Use as required)
42	650691	Washer, Flat (Use as required)
	650128	Screw, 10-24 x 1/2"
	27915A	* Gasket, Intake
	30195A	Flange, Carburetor (Incl. 79 & 80)
	30196	Screw, 5/16-18 x 3/4"
	29716	Screw, 1/4-28 x 7/16"
	650548	Screw, 8-32 x 5/16"
52	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)
03	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	
	8116	Washer, Belleville
		Nut, Hex Disuser Lieuwing Roffle (without electric starter knock out)
73	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)
	05050/	
	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"
82A	730164	Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B)
		(Use as required)
02		* Casket Air desper
	27272A	* Gasket, Air cleaner
8/	31691	Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in
		early production only.
97	35349	Ground Wire
	29538	Base, Engine mounting
	32401	Muffler
	31845	Shaft, Mechanical governor
	30591	
		Gear Assy., Governor (Incl. 109)
	30588A	Spool, Governor
	30590A	Washer, Flat
	29193	Ring, Retaining
	650561	Screw, 1/4-20 x 5/8"
	31301	Fuel Tank (Incl. 115)
115	410144B	Fuel Cap (White Plastic)(Std)(As requ ired)

(Use as required)11534210Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)11535355Fuel Cap (Use as required)117A29683Valve, Fuel shut-off11829774Fuel Line (Braided 51/4* 21 cm)(Use as req.)11830705Fuel Line (Braided 51/4* 21 cm)(Use as req.)11830962120650128Screw, 10:24 x 1/2* (Use as required)12130522AExtension, Blower housing124650542Screw, 5/16-18 x 3/4*12527930ACasket, Extraust12650694A12726073Washer (Use as required)12852288Key, Flywheel131650493Screw, 10-24 x 1/2*133650493Screw, 14-20 x 1-3/4*14930747Clip, Shorting13365049326626460Char, V-420 x 58* (Use as required)270275271Screw, Cylinder head270144128730446271Screw, Sarter cup27217427820407278204072775Clip, Hi-tension wire (Use as required)2774109732775Clip, Ground wire (Use as required)277420732775Clip, Ground wire (Use as required)277427752775Clip, Ground wire (Use as re	Ref #	Part Number 0	Qty Description
required) required) 115 35355 Fuel Cap (Use as required) 117A 29683 Valve, Fuel shut-off 118 30705 Fuel Line (Braided 3-14" 21 cm) (Use as req.) 118 30705 Fuel Line (Braided 3-14" 21 cm) (Use as req.) 120 650128 Screw, 10-24 x 12" (Use as required) 121 30562 Fuel Line (Braided 32") (81 cm) (Use as req.) 122 650542 Screw, 516-18 x 34" 122 50196 Screw, 516-18 x 34" 123 50594A Screw, 516-18 x 34" 129 32589 Key, Flywheel 131 650636 Screw, 10-24 x 1/2" 133 650433 Screw, 114-20 x 51-34" 149 30747 Clip, Shorting 133 650431 Cover, Cylinder head 206 505051 Sc	115	33032	Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile) (Use as required)
117A 29683 Valve, 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 16") (41 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as required) 121 30622A Extension, Blower housing 122 650128 Screw, 5/16-18 x 3/4" 123 3064 Gasket, Exhaust 126 30156 Screw, 5/16-18 x 3/4" 127 20073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32599 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 14-20 x 5/8" (Use as required) 205 Scoled Screw, 14-20 x 5/8" (Use as required) 206 Scoled Screw, 14-20 x 5/8" (Use as required) 207 Clip, Shorting 208 Screw, 14-20 x 5/8" (Use as required) 208 Screw, 14-20 x 5/8" (Use as required) 209 Screw, 14-20 x 5/8" (Use as required) 201 Screw, 14-20 x 5/8" (Use as required) 203 Screw, 14-20 x 5/8" (Use as required) 204 Screw, 14-20 x 5	115	34210	
117A 29683 Valve, 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 16") (41 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as required) 121 30622A Extension, Blower housing 122 650128 Screw, 5/16-18 x 3/4" 123 3064 Gasket, Exhaust 126 30156 Screw, 5/16-18 x 3/4" 127 20073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32599 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 14-20 x 5/8" (Use as required) 205 Scoled Screw, 14-20 x 5/8" (Use as required) 206 Scoled Screw, 14-20 x 5/8" (Use as required) 207 Clip, Shorting 208 Screw, 14-20 x 5/8" (Use as required) 208 Screw, 14-20 x 5/8" (Use as required) 209 Screw, 14-20 x 5/8" (Use as required) 201 Screw, 14-20 x 5/8" (Use as required) 203 Screw, 14-20 x 5/8" (Use as required) 204 Screw, 14-20 x 5	115	35355	Fuel Cap (Use as required)
118 29774 Fuel Line (Braided 16") (41 21 cm)(Use as req.) 118 30705 Fuel Line (Braided 32") (81 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as req.) 121 30622 Extension, Blower housing 124 650542 Screw, 5/16-18 x 3/4" 125 27930A Gasted, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 3/4" 129 32589 Key, Flywheel 130 31843A Bracket, Governor gar 131 650636 Screw, 10-24 x 1/2" 133 650493 Screw, 14-20 x 1-3/4" 149 30747 Clip, Shorting 209 30939A Cover, Cylinder head 204 526/25 Cup,			\cdot \cdot \cdot \cdot \cdot
118 30705 Fuel Line (Braided 15') (81 cm) (Use as req.) 118 30962 Fuel Line (Braided 32') (81 cm) (Use as req.) 121 30622A Extension, Blower housing 124 60542 Screw, 5/16-18 x 3/4" 125 27930A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 20073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2'' (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 14-20 x 1-3/4" 149 30747 Clip, Shorting 193 610118 Cover, Spark plug (Use as required) 205 650561 Screw, 14-20 x 5/8" (Use as required) 206 2460 Clarp, Fuel line 2125 Cup, Starter 247 2145 Cup, Starter 31461 2146 Decal, Instr	118	29774	
118 30962 Fuel Line (Braided 22) (St Cm) (Use as required) 121 30522A Screw, 10-24 x 1/2" (Use as required) 124 650542 Screw, 5/16-18 x 3/4" 125 27300A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Kay, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1/2" 133 650433 Screw, 1/4-20 x 1/34" 149 30747 Clip, Shoring 133 610118 Cover, Spark plug (Use as required) 205 Screw, 1/4-20 x 1/34" 149 3033A Cover, Spark plug (Use as required) 205 Scorew, 1/4-20 x 1/34" 149 30747 Clip, Shoring 209 30339A Cover, Spark plug (Use as required) 205 Cup, Starter Cup, Starter cup 206 2460 Clarp, Fuel line 270 Starter Cup Corankshaf			
120650128Screw, 10-24 x 1/2" (Use as required)12130622AExtension, Blover housing124650542Screw, 5/16-18 x 3/4"12527930AGasket, Exhaust12630196Screw, 5/16-18 x 3/4"12726073Washer (Use as required)128650694AScrew, 5/16-18 x 2/4"12932589Kay, Flywheel13031843ABracket, Governor gear131650363Screw, 10-24 x 1/2"133650433Screw, 14-20 x 1-3/4"14930747Clip, Shorting133650511Screw, 14-20 x 5/8" (Use as required)205650561Screw, 14-20 x 5/8" (Use as required)20626460Clarm, Fuel line20731461Bushing, Crankshaft (Use as required)20826460Clarm, Fuel line20731461Bushing, Crankshaft (Use as required)2082346Clip, Ground wire (Use as required)2775Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)28734246Decal, Instruction381550223Decal, Name33230547AContact Asy, Breaker333631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (wring gear for 110 volt sta tref) NOTE: The completer number is shown for reference purposes only. Order component parts individually, as show in parts list. (Refer to Division 5, Section C, page 29 for 			
121 30622A Extension, Blower housing 124 660542 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) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 11/4-20 x 5/8" (Use as required) 205 Screw, 11/4-20 x 5/8" (Use as required) Ocver, 50561 206 Screw, 1/4-20 x 5/8" (Use as required) Ocver, 50561 207 Screw, 1/4-20 x 5/8" (Use as required) Ocver, 50561 208 Screw, 1/4-20 x 5/8" (Use as required) Ocver, 5061 209 30939A Cover, Cylinder head Ocver, 504570 209 30939A Cover, Starter cup Cale pod uction) Oction, 10000 207 31461 Bushing, Crankshaft (Use as required) Decal, Narue Ocale pod uction) Oction, 1000			
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) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 133 650493 Screw, 1/4-20 x 5/8" (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 206 650561 Screw, 1/4-20 x 5/8" (Use as required) 207 30339A Cover, Cylinder head 246 32125 Cup, Starter 247 590417 Screen, Starter cup 266 26460 Clamp, Fuel line 270 31461 Bushing, Crankshaft (Use as required) 2775 Clip, Hi-tension wire (Use as required) 2775 Clip, Cround wire (Use as required) 331 520223 Decal, Name 323 0547A Contact Ass			
125 27930A Gasket, Exhaust 126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 10-24 x 1/2" 134 650561 Screw, 11/4-20 x 5/8" (Use as required) 205 Cup, Starter Cup, Starter cup 266 6460 Clamp, Crankhaft (Use as required) 276 Clip, Hi-tension wire (Use as required) 277 Screw, Support (Use as required) 276 Clip, Ground wire (Use as required) 277 Clip, Hi-tension wire (Use as required) 273 34246 Decal, Instruction			
126 30196 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 133 650493 Screw, 1/4-20 x 5/8" (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 206 650561 Screw, 1/4-20 x 5/8" (Use as required) 207 31461 Bushing, Crankshaft (Use as required) 208 290417 Screw, Sy, Kere, on late prod uction) 217 2125 Clip, Hi-tension wire (Use as required) 207 31461 Bushing, Crankshaft (Use as required) 218 320547A Contact Assy, Breaker 313 550223 Decal, Name 323 30548B Condenser 333 631021 Inlet Needle, Seat & Clip Assy. 334 631021 Inlet Needle, Seat & Clip Assy. 336 631440 Carburetor (Inc.			
127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 10-24 x 1/2" 133 650493 Screw, 1/4-20 x 1-3/4" 149 30747 Clip, Shorting 102 30939A Cover, Spark plug (Use as required) 205 650661 Screw, 1/4-20 x 5/8" (Use as required) 206 2662640 Clamp, Fuel line 207 31461 Bushing, Crankshaft (Use as required) 2775 Clip, Hi-tension wire (Use as required) 287 232426 Clip, Ground wire (Use as required) 313 550223 Decal, Instruction 313 50223 Decal, Name 323 20547A Contact Assy, Breaker 333 631021 Inlet Needle, Seat & Clip Assy. 334 631021 Inlet Needle, Seat & Clip Assy. 337 610694A Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown) 338 590473 Rewind Starte	126	30196	Screw, 5/16-18 x 3/4"
12932589Key, Flywheel13031843ABracket, Governor gear131650493Screw, 10-24 x 1/2"133650493Screw, 1/4-20 x 1-3/4"14930747Clip, Shorting193610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Ass'y. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)311550223Decal, Instruction331550223Decal, Name33230548BCondenser333631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78337610694AMagneto (wring gear for 110 volt starter)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	127	26073	
13031843ABracket, Governor gear131650836Screw, 10-24 x 1/2"133650493Screw, 10-24 x 1/2"14930747Clip, Shorting133610118Cover, Spark plug (Use as required.)205650561Screw, 1/4-20 x 5/8" (Use as required.)2093039ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required.)274610973Terminal Assy. (As req. on late prod.uction.)28727275Clip, Hi-tension wire (Use as required.)331550223Decal, Instruction33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	128	650694A	Screw, 5/16-18 x 2" (Use as required)
131650836Screw, 10-24 x 1/2"133650493Screw, 1/4-20 x 1-3/4"14930747Clip, Shorting133610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930399ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Assy. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)331A34246Decal, Instruction331350233Decal, Name33230547ACondartser33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (wring gear for 110 volt starter) 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	129	32589	
133650493Screw, 1/4-20 x 1-3/4"14930747Clip, Shorting193610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Assy. (As req. on late prod uction)28734246Clip, Ground wire (Use as require d)28734246Decal, Instruction331550223Decal, Instruction33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (w/ring gear for 110 volt sta rter) NOTE: The completer 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	130	31843A	Bracket, Governor gear
14930747Clip, Shorting193610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930339ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)28727275Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (wring gear for 110 volt sta rter)NOTE: The component parts individually, as show in parts list. (Refer to Division 5, Section C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	131	650836	Screw, 10-24 x 1/2"
193610118Cover, Spark plug (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)28734246Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)31A34346Decal, Instruction33150223Decal, Name33230548BCondenser334631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	133	650493	Screw, 1/4-20 x 1-3/4"
205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Ass'y. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)31A34346Decal, Instruction331550223Decal, Name33230547ACondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt starter) 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	149	30747	Clip, Shorting
205650561Screw, 1/4-20 x 5/8" (Use as required)20930939ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Ass'y. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)31A34346Decal, Instruction331550223Decal, Name33230547ACondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt starter) 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	193	610118	Cover, Spark plug (Use as required)
24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Ass'y. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)331A34346Decal, Instruction331550223Decal, Instruction33230547AContact Assy., Breaker3330548BCondenser334631021Inlet Needle, Seat & Clip Assy.337610694AMagneto (w/ring gear for 110 volt starter) 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	205	650561	
247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Assy. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker3330548BCondenser336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt starter) 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)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	209	30939A	Cover, Cylinder head
26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Assy. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (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)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	246	32125	Cup, Starter
27031461Bushing, Crankshaft (Use as required)274610973Terminal Ass'y. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	247	590417	Screen, Starter cup
274610973Terminal Assly. (As req. on late production)28727275Clip, Hi-tension wire (Use as require d)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt starter) 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 C, page 29 for breakdown)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)			Clamp, Fuel line
28727275Clip, Hi-tension wire (Use as require d)28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (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)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	270	31461	Bushing, Crankshaft (Use as required)
28734246Clip, Ground wire (Use as required)331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt sta rter)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)			Terminal Ass'y. (As req. on late prod uction)
331A34346Decal, Instruction331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (w/ring gear for 110 volt sta rter)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	287	27275	Clip, Hi-tension wire (Use as require d)
331550223Decal, Name33230547AContact Assy., Breaker33330548BCondenser334631021Inlet Needle, Seat & Clip Assy.336631440Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (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)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)	287	34246	Clip, Ground wire (Use as required)
 332 30547A 333 30548B 334 631021 336 631440 337 610694A 337 610694A 338 590473 338 590473 Contact Assy., Breaker Condenser Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown) 	331A	34346	Decal, Instruction
 333 30548B 334 631021 336 631440 337 610694A 337 610694A 338 590473 338 590473 Condenser Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown) Magneto (w/ring gear for 110 volt starter) 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) 			Decal, Name
334631021Inlet Needle, Seat & Clip Assy. Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown)337610694AMagneto (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)338590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)			
 336 631440 337 610694A 337 610694A 338 590473 338 590473 Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown) Carburetor (Incl. 75) (Refer to Division 5, Section A, page 78 for breakdown) Magneto (w/ring gear for 110 volt starter) 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) Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown) 			
337 610694AMagneto (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 590473Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown)			
 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) 	336	631440	
breakdown)	337	610694A	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.
343_33239A Gasket Set (Incl. items marked*)	338	590473	
	343	33239A	Gasket Set (Incl. items marked*)



		Aty Description
	650489	Screw, 1/4-20 x 5/8"
34	27793	Clip, Conduit (Use as required)
35	28942	Screw, 10-32 x 3/8" (Use as required)
43A	650128	Screw, 10-24 x 1/2"
48	29716	Screw, 1/4-28 x 7/16"
56	30824	Link, Throttle
71	650815	Washer, Belleville
	8116	Nut, Hex
134	33013	Cover, Bubble
	650736	Screw, 10-16 x 3/8"
	610118	Cover, Spark plug (Use as required)
	33108A	Control Bracket (Incl. 224 & 274)
	30826	Spring, Extension
	650152	Screw, 8-32 x 3/8"
	32395	Cover, Carburetor
	32398	Bracket, Choke
	28820	Screw, 10-32 x 1/2"
	650765	Screw, 10-32 x 1/2"
	650760	Screw, 8-32 x 3/8"
	31291	Plug, Cover
	650764	
	610973	Nut, "U" Type (Use as required)
		Terminal Ass'y. (As req. on late prod uction)
	32397	Plate Assy., Choke
	32399	Spring, Choke stop
	32400	Knob, Choke
	31680	Guard, Starter
	32576	Seal, Snow guard
	550223	Decal, Name
	31718	Decal, Choke
	31682	Decal, Instruction
338	590473	Rewind Starter (Refer to Division 5, Section C, page 29 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 withSolid State ignition)



Ref #	Part Number	Qty Description
27	27513	Lockwasher, 1/4" (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)
	27896A	* Gasket, Breather cover
	26073	Washer (Use as required)
	650691	Washer, Flat (Use as required)
	650548	Screw, 8-32 x 5/16"
	30319	Rivet, Split (Used in early productio n)
	32326A	Lever, Governor (New lever does not need 1 of
JZ	32320A	
		51,66,132,164,165,207)
55	30205	Bracket, Adjusting
	730130	Exh.Adap.Kit (Incl. 58 & 125) (Use as req.)
	30196	Screw, $5/16-18 \times 3/4$ " (Use as require d)
	29216	Nut, Lock, 10-32
	29826	Screw, 10-32 x 3/4"
	29918	Lockwasher, #8 E.T.
020	730561	Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 9
		91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines w
		an externally vented fully adjustable carburetor)
82	730127	Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 &
	100121	331B) (Use as required)
	27272A	* Gasket, Air cleaner
84D	34819	Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (U
		in 730561 assembly only)
103E	391026	Opt. Spark Arrest Muffler (Incl.196,1 97,199)
	31694	Bracket, Fuel tank
	650561	Screw, 1/4-20 x 5/8"
	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.)
	27930A	Gasket, Exhaust
126	30196	Screw, 5/16-18 x 3/4"
128	650694A	Screw, 5/16-18 x 2" (Use as required)
132	650548	Screw, 8-32 x 5/16" (Early production)
148	34067	Wire Assy., Alternator adapter (4-1/4 ")
	34069	Wire Assy., Alternator adapter (6-3/4 ")
	6201	Screw, 1/4-28 x 7/8"
	31288	Exh. Adaptor Kit (Incl.125,203,204) (As req.)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
<u>001</u>	6021A	Screw, 5/16-18 x 1-1/2" (Use as required)
		Nut, Lock
262	29752	
262 266	26460	Clamp, Fuel line
262 266 276		