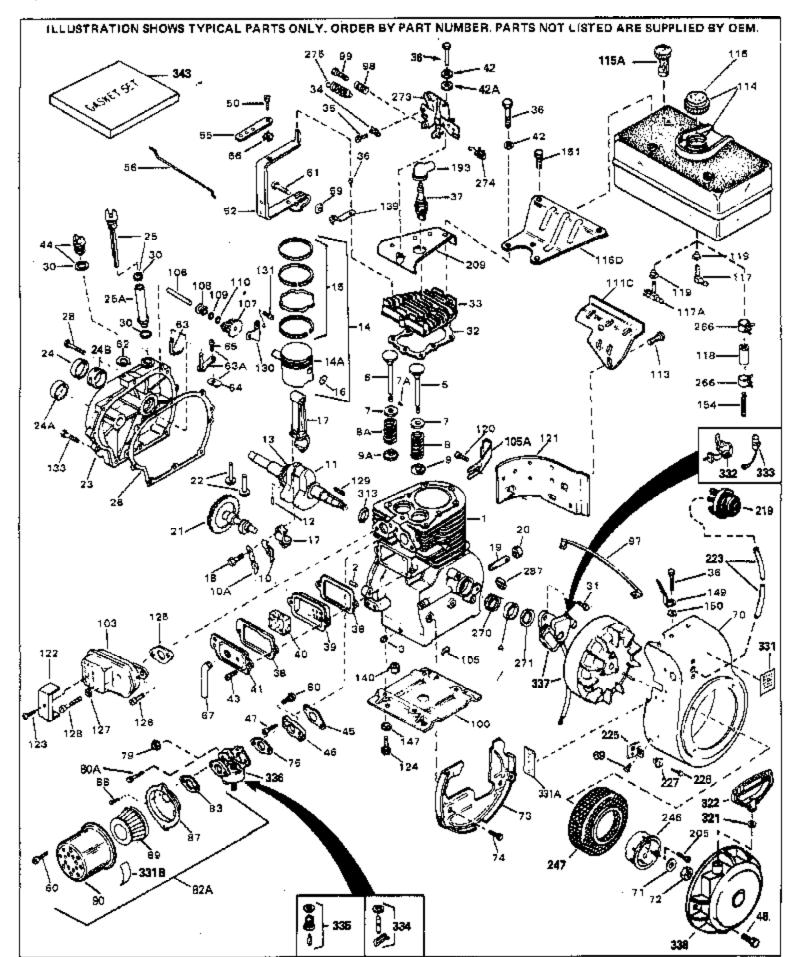
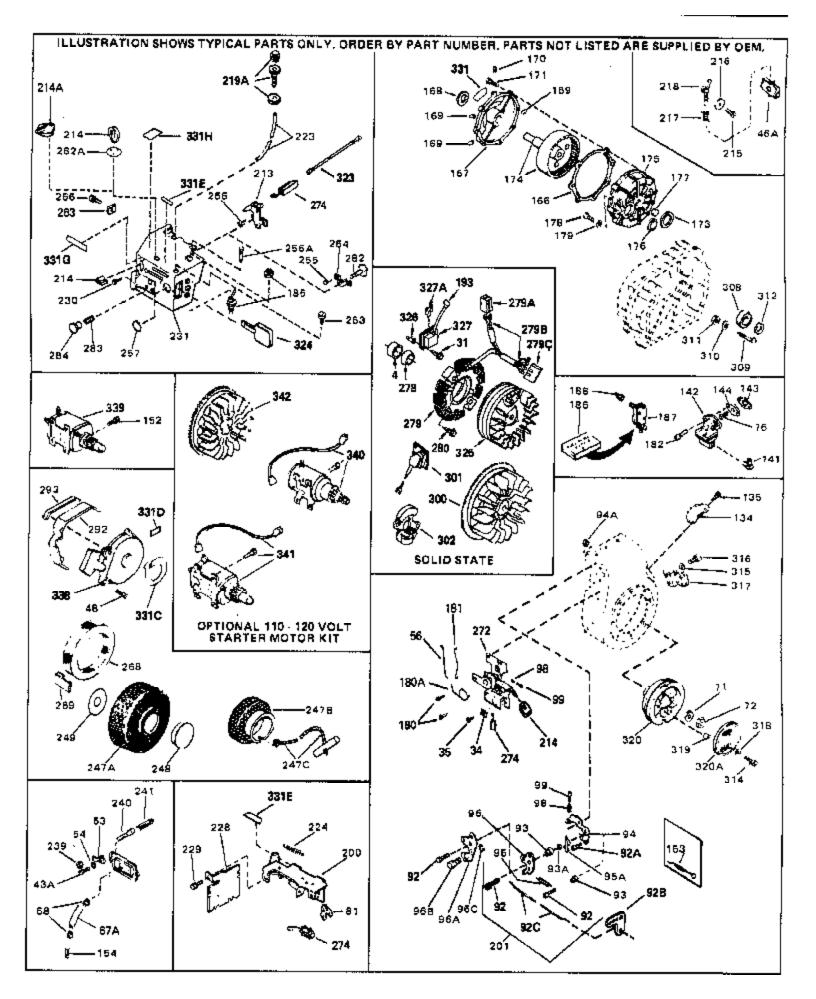
H70-130040 Engine Parts List #1



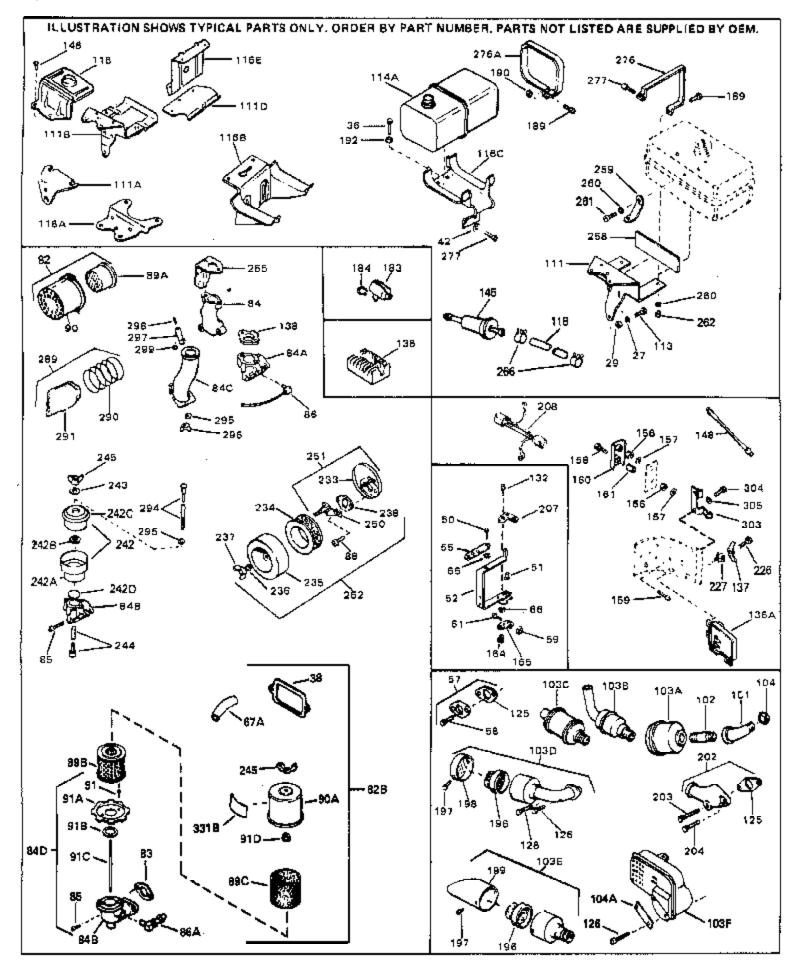
1 32586C Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore) 2 27652 Pin, Dowel 3 27642 Plug, Oil drain 4 32630 Seal, Oil 5 32783 Intake Valve (Std.) (Incl. 9) 5 32784 Intake Valve (Std.) (Incl. 9) 6 27878A Exhaust Valve (Std.) (Incl. 9) 6 27880A Exhaust Valve (Std.) (Incl. 9) 7 27882 Cap, Upper valve spring 7A 20810 Pin, Valve 8 27881 Spring, Valve 8A 27881 Spring, Valve	
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7A 20810Pin, Valve spring retainer (Use as re quired)8 27881Spring, Valve8A 27881Spring, Valve	
8 27881Spring, Valve8A 27881Spring, Valve	
8A 27881 Spring, Valve	
9A 32581 Cap, Lower valve spring	
9 32581 Cap, Lower valve spring	
	ood by
34242 oil dipper but 650662C screw must be use	ea.)
10 34242 Dipper, Oil	
11 32587 Crankshaft (Incl. 12 & 13)	
12 29783 Crankshaft Gear Pin (Early production)	
13 27884 Gear, Crankshaft (Used in early production) This	s dear is
servicable onlywhen it is pinned to the crankshaft	
	-
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)	
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)	
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)	
21 32115 Camshaft (MCR)	
22 34034 Lifter, Valve	
23 31303B Cover, Cylinder (Incl. 24, 106 & 279)	
24B 31546 Bushing, Crankshaft (Use as required)	
24 28427 Seal, Oil	
25 29668 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 required)	
36 650695A Screw, 5/16-18 x 2-1/2" (Use as required)	
36 650694A Screw, 5/16-18 x 2" (Use as required)	
37 34251 Resistor Spark Plug	
38 27896A * Gasket, Breather cover	
39 28423 Body, Breather	
40 28424 Element, Breather	
41 28425 Cover, Valve spring	
42 26073 Washer (Use as required)	

	,	Description
	650691	Washer, Flat (Use as required)
42A	650690	Washer, Belleville (Use as required)
43	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
	650152	Screw, 8-32 x 3/8"
	29826	Screw, 10-32 x 3/4"
	29642	Ring, Retaining
63A	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)
	30700	Yoke, Governor
65	650494	Screw, 6-40 x 5/16"
66	29918	Lockwasher, #8 E.T.
67	35350	Tube, Breather
69	29747B	Screw, 5/16-24 x 21/32"
	32158E	Blower Housing (For elec.star.)(Incl. 134,135)
	650815	Washer, Belleville
	8116	Nut, Hex
	29536	•
15	29000	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)
	650561	Screw, 1/4-20 x 5/8"
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)
	27272A	* Gasket, Air cleaner
87	31691	Bracket, Air cleaner NOTE: 130010 thru 10C & 11 used in
		early production only.
00	20020	Corour 10.22 × 1/2
	28820	Screw, 10-32 x 1/2"
	30727	Element, Air cleaner
	31715	Body, Air cleaner
	31902	Ground Wire
100	31757	Base, Engine mounting
106	31845	Shaft, Mechanical governor
	30591	Gear Assy., Governor (Incl. 109)
	30588A	Spool, Governor
	30590A	Washer, Flat
	29193	Ring, Retaining
	30063	Screw, 1/4-20 x 1/2"
	31758	Fuel Tank (Incl. 115)
115	410144B	Fuel Cap (White Plastic)(Std)(As requ ired)

required)11535355Fuel Cap (Use as required)117A29683Valve, Fuel shut-off11829774Fuel Line (Braided 15/14' 21 cm)(Use as req.)11830705Fuel Line (Braided 32') (81 cm) (Use as req.)11830962Fuel Line (Braided 32') (81 cm) (Use as req.)120650128Screw, 10-24 x 1/2" (Use as required)12130622AExtension, Blower housing122650634AScrew, 5/16-18 x 3/4"12726073Washer (Use as required)128650694AScrew, 5/16-18 x 2" (Use as required)12932589Key, Flywheel13031843ABracket, Govemor gear131650493Screw, 1/4-20 x 1-3/4"14930747Cip, Shorting205Gover, Cylinder head20626460Cover, Cylinder head20626460Cover, Cylinder head20731461Bushing, Crankshaft (Use as required)2083125Cup, Starter20731461Bushing, Crankshaft (Use as required)2083223Decal, Air deaner33132130Decal, Air deaner33132130Decal, Instruction33230548BCondenser333631454Carburetor (Incl. 75) (Refer to Division 5, Section A, page 10 for breakdown)337610689AMagneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference	Ref #	Part Number C	Qty Description
required)11735355117A29683117A296831182977411829774118297741182070511830705118309621206501281213062212130622121306221226506421272607312850542129250731292507312925073129250731292508412925073129250841292508412925083129250941292509413165064A129250831316504931325074713365049313365049320626661207Start 124"2093039A209256561207Starter cup20626400207314612082640020731461208264002073146120826440207267208264002072672082640020726720826400209267201726720182772019277520191146120314331502	115	33032	
117A 29883 Valve, Fuel Line (Braided 8-1/4* 21 cm)(Use as req.) 118 20705 Fuel Line (Braided 16*) (41 cm) (Use as req.) 118 30706 Fuel Line (Braided 16*) (91 cm) (Use as req.) 120 650128 Screw, 50*(10-24 x 1/2*) (Use as required) 121 30622A Extension, Blower housing 122 650542 Screw, 5716-18 x 2" (Use as required) 128 650684A Screw, 5716-18 x 2" (Use as required) 129 32529 Key, Flywheel 130 31843A Bracket, Governor gear 131 65086 Screw, 10*24 x 1/2* 133 650483 Screw, 10*20 x 5/8* (Use as required) 205 565061 Screw, 10*20 x 5/8* (Use as required) 206 Screw, 14*20 x 5/8* (Use as required) Screw, 10*20 x 5/8* 209 30939A Cover, Spark plug (Use as required) Screw, 14*20 x 5/8* 206 Screw Screw, Strem, Starter cup Screw, 14*20 x 5/8* 206 Screw Caren, Starter cup Screw, 14*20 x 5/8* 206 Screw Caren, Starter cup Screw, 14*20 x 1/2* 207 31461	115	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as required)
117A 29883 Valve, Fuel Line (Braided 8-1/4* 21 cm)(Use as req.) 118 20705 Fuel Line (Braided 16*) (41 cm) (Use as req.) 118 30706 Fuel Line (Braided 16*) (91 cm) (Use as req.) 120 650128 Screw, 50*(10-24 x 1/2*) (Use as required) 121 30622A Extension, Blower housing 122 650542 Screw, 5716-18 x 2" (Use as required) 128 650684A Screw, 5716-18 x 2" (Use as required) 129 32529 Key, Flywheel 130 31843A Bracket, Governor gear 131 65086 Screw, 10*24 x 1/2* 133 650483 Screw, 10*20 x 5/8* (Use as required) 205 565061 Screw, 10*20 x 5/8* (Use as required) 206 Screw, 14*20 x 5/8* (Use as required) Screw, 10*20 x 5/8* 209 30939A Cover, Spark plug (Use as required) Screw, 14*20 x 5/8* 206 Screw Screw, Strem, Starter cup Screw, 14*20 x 5/8* 206 Screw Caren, Starter cup Screw, 14*20 x 5/8* 206 Screw Caren, Starter cup Screw, 14*20 x 1/2* 207 31461	115	35355	Fuel Cap (Use as required)
118 29774 Fuel Line (Braided 16') (41 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 required) 121 30522A Extension, Blower housing 124 650542 Screw, 5716-18 x 3/4" 127 26073 Washer (Use as required) 128 525694A Screw, 5716-18 x 2'' (Use as required) 129 32589 Key, Flywheel 130 31843A Bracket, Governor gear 131 650433 Screw, 10-24 x 1/2'' 133 650433 Screw, 1/4-20 x 5/8" (Use as required) 205 650561 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 620407 Clarp, Fuel line 209 30339A Cover, Cylinder head 204 590417 Screen, Starter cup 206 26460 Clarp, Fuel line 217 31461<			
118 30705 Fuel Line (Braided 167) (41 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 34" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 2" (Use as required) 129 32559 Key, Flywheel 130 31843A Bracket, Governor gear 131 650366 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 1-34" 149 30747 Clip, Shorting 205 650561 Screw, 12/24 x 1/2" 133 650493 Screw, 14-20 x 5/8" (Use as required) 206 Screw, 5/14-10 x 5/8" (Use as required) Screw, 1/2-24 x 1/2" 206 Screw, 5/14-10 x 5/8" (Use as required) Screw, 1/2-24 x 1/2" 206 Screw, 5/14-10 x 5/8" (Use as required) Screw, 5/14-134" 206 Screw, 5/14-14 x 1/2" Screw, 5/14-14 x 1/2" 207			
118 30962 Fuel Line (Braided 32) (81 cm) (Use as req.) 120 650128 Screw, 10-24 x 1/2" (Use as required) 124 660542 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 650493 Screw, 10-24 x 1/2" 133 650493 Screw, 1/24 x 1/2" 133 650493 Screw, 1/24 x 1/2" 133 650493 Screw, 1/4-20 x 1-34" 149 30747 Cip, Shorting 120 30939A Cover, Spark plug (Use as required) 205 605661 Screw, 1/4-20 x 5/8" (Use as required) 206 26662 Cup, Starter cup 266 26460 Clamp, Fuel line 27275 Clip, Hitension wire (Use as required) 287 34246 Clip, Ground wire (Use as required) 318 31752 Decal, Air cleaner 331 3132 Decal, Instruction 332 3054			
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124 650542 Screw, 5/16-18 x 3/4" 127 26073 Washer (Use as required) 128 650694A Screw, 5/16-18 x 3/4" 129 32589 Kay, Flywheel 130 31843A Bracket, Governor gear 131 650836 Screw, 1/4-20 x 1/2" 133 650493 Screw, 1/4-20 x 1-3/4" 149 90747 Clip, Shorting 205 650561 Screw, 1/4-20 x 1-3/4" 209 903939A Cover, Spark plug (Use as required) 205 650561 Screw, 1/4-20 x 5/8" (Use as required) 206 6460 Clarp, Fleel line 209 90393A Cover, Cylinder head 216 246 640 Clarp, Fleel line 207 31461 Bushing, Crankshaft (Use as required) 276 Clip, Hirension wire (Use as required) Clip, Ground wire (Use as required) 277 Clip, Ground wire (Use as required) Clip, Ground wire (Use as required) 311 50223 Decal, Name Decal, Name 323 0547A Contact Assy., Breaker Castoret Assy. 331			
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128650694AScrew, 5/16-18 x 2" (Use as required)12932589Key, Flywheel13031843ABracket, Governor gear131650836Screw, 10-24 x 1/2"133650493Screw, 1/4-20 x 1-3/4"14930747Clip, Shorting205650561Screw, 1/4-20 x 5/8" (Use as required)205650561Screw, 1/4-20 x 5/8" (Use as required)20630399ACover, Cylinder head24632125Cup, Starter247590417Screen, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankshaft (Use as required)274610973Terminal Assy. (As req. on late prod uction)28734246Clip, Hi-tension wire (Use as required)31831752Decal, Air cleaner33132130Decal, Air cleaner33332130Decal, Instruction33230547AContact Assy. Breaker333631021Inlet Needle, Seat & Clip Assy.336631454Carburetor (Incl. 75) (Refer to Division 5, Section A, page 10 for breakdown)337610689AMagneto 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)338590420Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)			
12932589Key, Flywheel13031843ABracket, Governor gear131650836Screw, 10-24 x 1/2"133650493Screw, 11/4-20 x 1-3/4"14930747Cilp, Shorting120650561Screw, 11/4-20 x 5/8" (Use as required)205650561Screw, 11/4-20 x 5/8" (Use as required)206620561Screw, 11/4-20 x 5/8" (Use as required)20731461Screw, Starter cup26626460Clamp, Fuel line27031461Bushing, Crankaft (Use as required)277610973Terminal Assy. (As req. on late prod uction)28727275Clip, Hi-tension wire (Use as required)311550223Decal, Air cleaner331230547AContact Assy., Breaker3333648BCondenser334631021Inlet Needle, Seat & Clip Assy.336631454Carburetor (Inc, 75) (Refer to Division 5, Section A, page 10 for breakdown)338590420Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)			
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breakdown)	337	010094	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
343_33239A Gasket Set (Incl. items marked*)	338	590420	
	343	33239A	Gasket Set (Incl. items marked*)



		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"
56	30824	Link, Throttle
	650815	Washer, Belleville
	8116	Nut, Hex
	610118	Cover, Spark plug (Use as required)
	33110A	Control Bracket (Incl. 224 & 274)
224	30826	Spring, Extension
228	30820	Baffle, Heat
229	28942	Screw, 10-32 x 3/8"
263	650764	Nut, "U" Type (Use as required)
	32203	Air cleaner, Starter
269	32204	Bracket, Starter air cleaner
274	610973	Terminal Ass'y. (As req. on late prod uction)
331C	32179	Decal, "Super Start"
331	550223	Decal, Name
331	32130	Decal, "Long Life"
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 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)
	650695A	Screw, 5/16-18 x 2-1/4" (Use as required)
	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)
52	32326A	Lever, Governor (New lever does not need 1 of
		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 x 3/4" (Use as require d)
	29216	Nut, Lock, 10-32
	29826	Screw, 10-32 x 3/4"
66	29918	Lockwasher, #8 E.T.
82	730127	Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89A, 90, 238 &
		331B) (Use as required)
82B	730561	Air cleaner kit (Incl. 38, 67A, 83, 84B, 85,89B, 89C, 90A, 91,
020	730301	
		91A, 91B, 91C, 91D, 245 & 331B) (Use only on engines with
		an externally vented fully adjustable carburetor)
83	27272A	* Gasket, Air cleaner
	31988	Elbow, Air cleaner
	34819	Air Cleaner Elbow (Incl. 84B, 86A, 91, 91A, 91B & 91C) (Use
0+0	34019	in 730561 assembly only)
		in 730301 assembly only)
85	650163	Screw, 10-32 x 7/8"
88	28820	Screw, 10-32 x 1/2"
	31715	Body, Air cleaner
	29574	Muffler Elbow
	391026	Opt. Spark Arrest Muffler (Incl.196,1 97,199)
	31506	Muffler
	28443	Conduit Nut
	32862	Conduit Nut
	30063	Screw, 1/4-20 x 1/2"
118	29774	Fuel Line (Braided 8-1/4" 21 cm)(Use as req.)
118	30705	Fuel Line (Braided 16") (41 cm) (Use as req.)
	30962	Fuel Line (Braided 32") (81 cm) (Use as req.)
	650694A	Screw, 5/16-18 x 2" (Use as required)
	650548	Screw, 8-32 x 5/16" (Early production)
	34067	Wire Assy., Alternator adapter (4-1/4 ")
	34069	Wire Assy., Alternator adapter (6-3/4 ")
	31288	Exh. Adaptor Kit (Incl.125,203,204) (As req.)
	650697A	Screw, 5/16-18 x 2-1/2" (Use as required)
	6021A	Screw, 5/16-18 x 1-1/2" (Use as requi red)
266	26460	Clamp, Fuel line
	730512	Kit. Pre-cleaner (Incl 290 & 291)
	31667	Spring, Pre-cleaner bag
	31668	Bag, Pre-cleaner
	31752	Decal, Air cleaner
331D		