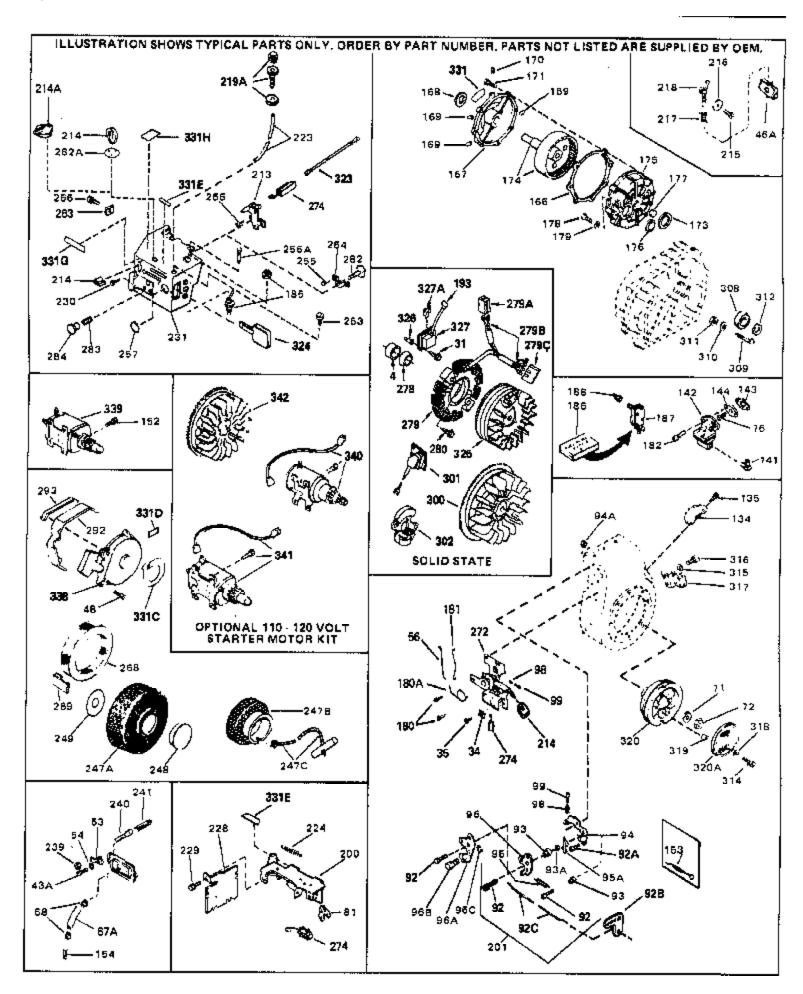


		Qty	Description
	32586C		Cylinder (Incl. 2, 3, 4 & 76) (2-3/4" Bore)
	27652		Pin, Dowel
3	27642		Plug, Oil drain
4	32630		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
	32784		Intake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.) (Incl. 9)
	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
	27882		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
10A	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)
	29783		Crankshaft Gear Pin (Early production)
	27884		Gear, Crankshaft (Used in early production) This gear is
13	27004		
			servicable onlywhen it is pinned to the crankshaft.
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)
	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." (.05)
	32597		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	32591C		Rod Assy., Connecting (Incl. 10 & 18)
	650662C		Screw, Connecting rod (2 each)
	32115		Camshaft (MCR)
	34034		Lifter, Valve
	31303B		Cover, Cylinder (Incl. 24, 106 & 279)
24B	31546		Bushing, Crankshaft (Use as required)
24	28427		Seal, Oil
25	31297		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 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
38	27896A		* Gasket, Breather cover
39	28423		Body, Breather
	28424		Element, Breather
	28425		Cover, Valve spring
	26073		Washer (Use as required)
72			

## Part Number Oty Description ## 42 650691 ## 42 650690 ## Washer, Flat (Use as required) ## 43 650129 ## 43 650129 ## 45 27915A ## 6 30196A ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29716 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29726 ## 3 29727 ## 3 29727 ## 3 29726 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 29727 ## 3 305894 ## 3 306896	Dof #	Dort Number	Nt. Description
42A 650630 43 650128 45 27915A 46 27915A 46 30195A 47 30196 48 29716 50 650548 48 29716 50 650548 50			, ,
45 650128 45 27915A 46 30195A 47 30196 48 29716 50 650548 50 50 650548 50 232326A 51 50 650548 52 32326A 55 30205 56 30205 57 30205 58 30205 59 30204 51 66,132,164,1652,207) 58 30205 59 3024 50 650548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505548 50 6505554 50 6505548 50 6505554 50 6505548 50 6505554 50 6505554 50 6505554 50 6505554 50 6505554 50 6505554 50 6505554 50 65055554 50 65055554 50 65055554 50 65055554 50 65055554 50 6505552 50 650552 50 650552 50 650552 50 65			. ,
46 27915A 46 30196A 47 30196 48 29716 50 650548 48 29716 50 650548 50 505948 50 505948 50 505948 50 505948 50 505948 50 505948 50 505948 50 505948 50 50595 50 500524 50 50596 51 50 500524 51 50 50596 52 500524 51 50 50596 53 500524 51 50 50596 54 50 50596 55 300524 51 51 50 50052 61 29826 62 29816 63 30699B 60 50 50052 63 30699B 60 50 50052 64 30700 65 650494 66 29918 67 35350 68 29918 69 29747B 70 32168E 71 650815 72 8116 73 35256 73 35256 74 650561 75 31688A 75 35556 76 50591 77 34240 78 36456 79 39752 80 650572 80 70 70 70 70 70 70 70 70 70 70 70 70 70			. ,
46 30195A			·
47 30196 48 29716 50 650548 50744, 14-29 x 71/6" 50 650548 50744, 14-29 x 71/6" 50 650549 51 30205 52326A 51 29216 52 30205 53 30205 53 30205 54 30205 55 30205 55 30205 56 30824 57 30826 61 29826 61 29826 62 29842 63 30699B 63 30699B 63 30699B 63 30699B 63 30699B 63 30699B 63 30699C 74 50300 75 75 76 76 76 76 76 76 76 76 76 76 76 76 76			•
48 29716 50 660549 50 660549 51 650549 52 32326A 51 650 660549 52 32326A 52 32326A 52 32326A 53 32326A 53 32326A 53 32326A 53 32326A 54 55 30205 55 30205 56 30824 57 30205 58 30824 59 29216 50 29216 50 29216 51 29262 52 29642 62 29642 63 30699B 63 30699B 63 30699B 63 30699B 63 30700 63 505494 64 30700 65 505494 66 29918 67 33330 68 52694 69 29747B 69 29747B 70 32158E 71 650815 72 8116 73 32536 74 816 75 33266 75 33266 76 33266 77 342568 78 81668 79 39752 79 321587 816 916 916 916 916 916 916 916 916 916 9			
Screw, B-32 x 5/16"			·
Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)			
51,66,132,164,165,207) 55 30205 56 30824 Link, Throttle 59 29216 Nut, Lock, 10-32 61 29826 52 29642 Ring, Retaining Governor Rod Assy. (This one-piece governor rodis no longer used. It is replaced by 30698C assy). Ref. no. 63A) 63A 30699C 63A 30699C 64 30700 65 650494 66 29918 Colowasher, #8 E.T. 67 36350 69 29747B 70 32158E 71 650815 72 8116 73 29536 81 Blower Housing Baffle (without electric starter knock-out) (Use as required) (Point Ignition) 74 650561 75 31688A 79 29752 80 650572 80 650572 80 650572 80 70 70164 Ring, Retaining 70 70163 Rod Assy., Governor (Incl. 64 & 65) Yoke, Governor 80 70 29747B 80 70 20158E 81 Blower Housing Baffle (without electric starter knock-out) (Use as required) (Point Ignition) 74 650561 81 Screw, 1/4-20 x 5/8' 75 31688A 79 29752 Nut & Lockwasher Assy., 1/4-28 80 650572 80 650572 80 650572 80 650572 80 650574 80 67004 Wire 80 29538 80 30590A Washer, Belleville Nut, Hex Nut, Hex			•
55 30205 56 30824 59 29216 Nut, Lock, 10-32 61 29826 62 29842 63 30699B Covernor Rod Assy. (This one-piece governor rodis no longer used. It is replaced by 30699C assy, Ref. no. 63A) 63A 30699C 63 30700 65 650494 Covernor Rod Assy., Governor (Incl. 64 & 65) 70 48 40 x 5/16 66 29918 Covernor Rod Assy., Governor (Incl. 64 & 65) 70 52564 Covernor Rod Assy., Governor (Incl. 64 & 65) 70 65 650494 Covernor 66 650494 Covernor 67 30350 Covernor Rod Assy., Governor (Incl. 64 & 65) 70 82168E Covernor 70 32168E Covernor 70 32168E Covernor 71 650815 Covernor 72 8116 Covernor 73 32536 Covernor 74 650561 Covernor 75 31688A Covernor 76 531688A Covernor 77 29752 Covernor 78 4240 Covernor 79 29752 Covernor 79 34240 Covernor 79 34240 Covernor 79 34240 Covernor 79 34240 Covernor 70 30591 Covernor 70 30591 Covernor 71 30591 Covernor 72 4240 Covernor 73 32401 Covernor 74 650661 Covernor 75 31688A Covernor 76 3168A Covernor 77 34240 Covernor 78 32401 Covernor 79 34240 Cover	52	32326A	Lever, Governor (New lever does not need 1 of
56 30824			51,66,132,164,165,207)
56 30824	55	30205	Bracket Adjusting
59 29216 Nut, Lock, 10-32 61 29826 Screw, 10-32 x 3/4" 62 29642 Ring, Retaining 63 30699B Governor Rod Assy. (This one-piece governor rodis no longer used, It is replaced by 30699C assy.,Ref. no. 63A) 63A 30699C Rod Assy., Governor (Ind. 64 & 65) 64 30700 Yoke, Governor (Sovernor Rod Assy., Ref. no. 63A) 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" 70 32158E Blower Housing (For elec.star.)(Ind. 134,135) 71 650815 Washer, Belleville Nut, Hex 73 29536 Blower Housing Baffle (without electric starter knock-out) (Use as required) (Point Ignition) 73 36256A Blower Housing Baffle (with electric starter knock-out) (Use as required) (Point Ignition) 74 650561 Screw, 1/4-20 x 5/6" 75 31688A "Gasket, Carburetor 74 650561 Screw, 1/4-22 x 1-1/8" 82A 730164 Screw, 1/4-28 x 1-1/8" 82A 730164 Screw, 1/4-28 x 1-1/8" 82A 730164 Screw, 1/4-28 x 1-1/8" 82A 730165 Screw, 1/4-28 x 1-1/8" 82A 730166 Screw, 1/4-28 x 1-1/8" 82A 730167 Screw, 1/4-28 x 1-1/8" 82A 730168 Screw, 1/4-28 x 1-1/8" 82A 730169 Shaft, Mechanical governor 82A 6 10 29193 Ring, Retaining 82A 730169 Shaft, Mechanical governor 82A 8 10 29193 Ring, Retaining 82A 8 10 29193			•
61 29642 62 29642 Ring, Retaining 63 30699B Covernor Rod Assy, (This one-piece governor rodis no longer used. It is replaced by 30699C assiy., Ref. no. 63A) 63A 30699C 64 30700 70ke, Governor 65 650494 Screw, 6-40 x 5/16" 65 29918 Lockwasher, #8 E.T. 71 35360 Fig. 10 29747B Screw, 5/16-24 x 21/32" 70 32159E Riower Housing (For elec.star.)(Incl. 134,135) 71 650815 Fig. 16 Nut., Hex 73 29536 Blower Housing Baffle (without electric starter knock-out) (Use as required) Fig. 31688A Fig. 31688A Fig. 31688A Fig. 3240			
62 29642 63 30699B Governor Rod Assy. (This one-piece governor rodis no longer used. It is replaced by 30699C assyl., Ref. no. 63A) 63A 30699C 64 30700 65 650494 66 29918 Lockwasher, #8 E.T. 71 650815 71 650815 72 8116 73 35256A Blower Housing Baffle (without electric starter knock-out) (Use as required) 73 35256A Blower Housing Baffle (with electric starter knock-out) (Use as required) 74 650561 75 31688A 76 29752 80 650572 80 6505			
Governor Rod Assy., (This one-piece governor rodis no longer used. It is replaced by 30699C assy). Ref. no. 63A) 63A 30699C Rod Assy,, Governor (Incl. 64 & 65) 43 30700 Yoke, Governor (Incl. 64 & 65) Yoke, Governor (Incl. 65) Yoke, Governor (Incl. 64 & 65) Yoke, Governor (Incl. 64 & 65) Yoke, Governor (Incl. 64 & 65) Yoke, Governor (Incl. 65) Blower Housing Baffle (without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-out) (Use as required) You say Fill (Without electric starter knock-o			
used. It is replaced by 30699C assy, Ref. no. 63A) 63A 30699C 64 30700 70Ke, Governor 65 650494 8crew, 6-40 x 5/16" 10ckwasher, #8 E.T. 73 3350 70 Tube, Breather 8crew, 5/16-24 x 21/32" 70 32158E 8lower Housing (For elec.star.)(Incl. 134,135) 71 660815 72 8116 73 29536 8lower Housing Baffle (without electric starter knock-out) (Use as required) 73 35256A 8lower Housing Baffle (with electric starter knock-out) (Use as required) 74 650561 75 31688A 8 Gosofor 79 29752 Nut & Lockwasher Assy., 1/4-28 80 650572 80 730164 8 Grew, 1/4-22 x 5/8" 82A 730164 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34240 97 34250 97 34260 97 34260 97 30591 98 388 98 388, Engine mounting Muffler 100 29538 103 32401 104 Muffler 105 31845 107 30591 98 30588A 109 30590A 110 29193 111			O: 0
63A 30699C 64 30700 65 650494 66 29918 67 35350 69 29747B 70 32158E 71 Usbe, Breather 70 32158E 71 650815 72 8116 73 329536 74 650561 75 31688A 76 35350 77 4 650561 77 31688A 79 29752 80 65072 80 70 70 70 70 70 70 70 70 70 70 70 70 70	63	30699B	, , , ,
64 30700 65 650494 66 29918 67 35350 67 35350 71 Ube, Breather 70 32158E 71 650815 71 650815 72 8116 73 329536 74 650561 75 31688A 79 29752 82A 730164 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 34240 79 39538 79 39			used. It is replaced by 30699C ass'y.,Ref. no. 63A)
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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" 70 32158E Blower Housing (For elec.star.) (Incl. 134,135) 71 650815 Washer, Belleville 72 8116 Nut, Hex 810wer Housing Baffle (without electric starter knock-out) (Use as required) 73 35256A Blower Housing Baffle (with electric starter knock-out) (Use as required) 74 650561 Screw, 1/4-20 x 5/8" 75 31688A "Gasket, Carburetor 76 31688A "Gasket, Carburetor 77 147-28 x 1-1/8" 82A 730164 To Lockwasher Assy., 1/4-28 80 650572 Screw, 1/4-28 x 1-1/8" 82A 730164 Ground Wire 80 29328 Base, Engine mounting 100 29338 Base, Engine mounting 103 32401 Muffler 106 31845 Shaft, Mechanic			· · · · · · · · · · · · · · · · · · ·
66 29918 67 35350 69 29747B 70 32158E 71 650815 72 8116 73 29536 81 Blower Housing (For elec.star.)(Incl. 134,135) 73 29536 81 Blower Housing Baffle (without electric starter knock-out) (Use as required) 73 35256A 81 Blower Housing Baffle (with electric starter knock-out) (Use as required) 74 650561 75 31688A 76 29752 80 650572 80 650572 80 650572 80 650572 80 670			
67 35350 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Housing (For elec.star.) (Incl. 134,135) Washer, Belleville Nut, Hex 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) 74 650561 Screw, 1/4-20 x 5/8" 75 31688A Gasket, Carburetor Nut & Lockwasher Assy., 1/4-28 80 650572 Screw, 1/4-28 x 1-1/8" 82A 730164 Air Cleaner Assy. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 97 34240 Ground Wire 100 29538 Base, Engine mounting Muffler 106 31845 Shaft, Mechanical governor Gear Assy., Governor 107 30591 Gear Assy., Governor Washer, Flat 110 29193 Ring, Retaining 1110 34158 Bracket, Fluel tank Screw, 1/4-20 x 5/8" LiD. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 33032 or 34510. Low profile) Fuel Cap (White Plastic) (Stud) (As required) Fuel Cap (Charcoal Plastic) (Sput resistant, Low profile)			
69 29747B 70 32158E 810wer Housing (For elec.star.)(Incl. 134,135) 71 650815 72 8116 73 29536 810wer Housing Baffle (without electric starter knock-out) (Use as required) 73 35256A 810wer Housing Baffle (with electric starter knock-out) (Use as required) (Point Ignition) 74 650561 75 31688A 79 29752 80 650572 81			·
Blower Housing (For elec.star.) (Incl. 134,135) 71 650815 Washer, Belleville Nut, Hex 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) 74 650561 Screw, 1/4-20 x 5/8" 75 31688A *Gasket, Carburetor 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) 97 34240 Ground Wire 100 29538 Base, Engine mounting Muffler 106 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Bing, Retaining 111 34158 Bracket, Fuel tank 112 34158 Screw, 1/4-20 x 5/8" 114 34186A Fuel Tank (Incl. 115 & 266) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" 1.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 33032 or 35355 or 35650. 115 410144B Fuel Cap (White Plastic) (Spurt resistant, Low profile)			
71 650815 72 8116 73 29536			
Nut, Hex			
Blower Housing Baffle (without electric starter knock-out) (Use as required)			·
(Use as required) Blower Housing Baffle (with electric starter knock-out) (Use as required) (Point Ignition) 74 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 Assy. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 97 34240 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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) Fuel Cap (White Plastic) (Spurt resistant, Low profile)			,
Blower Housing Baffle (with electric starter knock-out) (Use as required) (Point Ignition) 74 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 Assy. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 97 34240 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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 114 34186A Fuel Tank (Incl. 115 & 266) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" 1.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) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)	73	29536	• ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` ` `
as required) (Point Ignition) 74 650561 75 31688A 75 31688A 8 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) 97 34240 Ground Wire 100 29538 Base, Engine mounting 101 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 111C 34158 Bracket, Fuel tank Screw, 1/4-20 x 5/8" 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 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355 or 35650.			(Use as required)
as required) (Point Ignition) 74 650561 75 31688A 75 31688A 8 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) 97 34240 Ground Wire 100 29538 Base, Engine mounting 101 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 111C 34158 Bracket, Fuel tank Screw, 1/4-20 x 5/8" 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 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355 or 35650.	73	35256A	Blower Housing Baffle (with electric starter knock-out) (Use
74 650561 75 31688A 76 31688A 77 29752 80 650572 80 650572 81 Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 97 34240 97 34240 97 34240 97 34240 97 34240 100 29538 103 32401 106 31845 107 30591 108 30588A 109 30590A 109 30590A 110 29193 1110 34158 113 650561 114 34186A 115 34186A Screw, 1/4-20 x 5/8" Screw, 1/4-28 x 1-1/8" Screw, 1/4-28 x 1-1/8" Screw, 1/4-28 x 1-1/8" Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) Ground Wire Base, Engine mounting Muffler Shaft, Mechanical governor (Incl. 109) Spool, Governor (Incl. 109) Ring, Retaining Bracket, Flat Ring, Retaining Bracket, Fuel tank Screw, 1/4-20 x 5/8" 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) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)	. •	33_33/ 1	· · · · · · · · · · · · · · · · · · ·
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) 97 34240 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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)		0=0=04	. , , , , , , , , , , , , , , , , , , ,
79 29752 Nut & Lockwasher Assy., 1/4-28 80 650572 Screw, 1/4-28 x 1-1/8" 82A 730164 Air Cleaner Assy. (Incl. 60, 83, 87, 88, 89, 90A & 331B) (Use as required) 97 34240 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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			·
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97 34240 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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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 35355 or 35650. 115 410144B Fuel Cap (White Plastic) (Std) (As requ ired) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)	82A	730164	Air Cleaner Ass'y. (Incl. 60, 83, 87, 88, 89, 90A & 331B)
Base, Engine mounting Muffler			(Use as required)
Base, Engine mounting Muffler	97	3/12/10	Ground Wire
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 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
106 31845 Shaft, Mechanical governor 107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
107 30591 Gear Assy., Governor (Incl. 109) 108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
108 30588A Spool, Governor 109 30590A Washer, Flat 110 29193 Ring, Retaining 111C 34158 Bracket, Fuel tank 113 650561 Screw, 1/4-20 x 5/8" 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) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
109 30590A 110 29193 111C 34158 113 650561 114 34186A 115 410144B 115 33032 Washer, Flat Ring, Retaining Bracket, Fuel tank Screw, 1/4-20 x 5/8" 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. Fuel Cap (White Plastic)(Std)(As requ ired) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			· , ,
Ring, Retaining Bracket, Fuel tank Screw, 1/4-20 x 5/8" 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) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
111C 34158 113 650561 114 34186A 115 Example 12 Screw, 1/4-20 x 5/8" 116 Screw, 1/4-20 x 5/8" 117 Fuel Tank (Incl. 115 & 266) NOTE: These tanks were built with different size fuel inlet openings. Tanks with the 1-3/16" 117 I.D. opening use fuel cap 33032 or 34210. Tanks with the 1-1/2" I.D. opening use fuel cap 35355 or 35650. 118 Fuel Cap (White Plastic)(Std)(As required) 119 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			•
Screw, 1/4-20 x 5/8" 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. Fuel Cap (White Plastic)(Std)(As requ ired) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			The state of the s
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. Fuel Cap (White Plastic)(Std)(As requ ired) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			·
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) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			·
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) Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)	114	34186A	
1-1/2 I.D. opening use fuel cap 35355 or 35650. 115 410144B Fuel Cap (White Plastic)(Std)(As requ ired) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			
115 410144B Fuel Cap (White Plastic)(Std)(As requ ired) 115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			I.D. opening use fuel cap 33032 or 34210. Tanks with the
115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)			1-1/2" I.D. opening use fuel cap 35355 or 35650.
115 33032 Fuel Cap (Charcoal Plastic) (Spurt resistant, Low profile)	115	410144R	Fuel Can (Mhite Plactic)(Std)(As required)
(Use as required)	115	33U3Z	
			(Use as required)

Ref #	Part Number Qty	Description
	34210	Fuel Cap (Red Plastic) (Spurt resistant, High profile) (Use as
		required)
115	35355	Fuel Cap (Use as required)
	34159	Plate, Fuel tank mounting
	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	Cover, Spark plug (Use as required)
	650561	Screw, 1/4-20 x 5/8" (Use as required)
	30939A	Cover, Cylinder head
	32180C	Line, Primer
	34126	Bracket, Grommet mounting
	650760	Screw, 8-32 x 3/8"
	28545	Grommet
	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)
	34346	Decal, Instruction
	30547A	Contact Assy., Breaker
	30548B	Condenser
	631021	Inlet Needle, Seat & Clip Assy.
	631920	Carburetor (Incl. 75) (Refer to Division 5, Section A, page 138
000	00.1020	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)
000	500.470	
338	590473	Rewind Starter (Refer to Division 5, Section C, page 29 for
		breakdown)
343	33239A	Gasket Set (Incl. items marked*)



Ref #	Part Number Qty	Description
31	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"
	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"
	650765	Screw, 10-32 x 1/2"
	650760	Screw, 8-32 x 3/8"
	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
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 with Solid State ignition)



Ref #	Part Number	Qty	Description
	27513		Lockwasher, 1/4" (Use as required)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	650695A		Screw, 5/16-18 x 2-1/4" (Use as requi red)
	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 production)
32	32326A		Lever, Governor (New lever does not need 1 of 51,66,132,164,165,207)
	00005		· · · · · · · · · · · · · · · · · · ·
	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"
	29918 730561		Lockwasher, #8 E.T.
02D	730301		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.
103E	391026		Opt. Spark Arrest Muffler (Incl.196,1 97,199)
113	650561		Screw, 1/4-20 x 5/8"
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.)
	27930A		Gasket, Exhaust
	30196		Screw, 5/16-18 x 3/4"
	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 requi red)
	6021A		Screw, 5/16-18 x 1-1/2" (Use as requi red)
	650760		Screw, 8-32 x 3/8"
	28545		Grommet
266	26460		Clamp, Fuel line