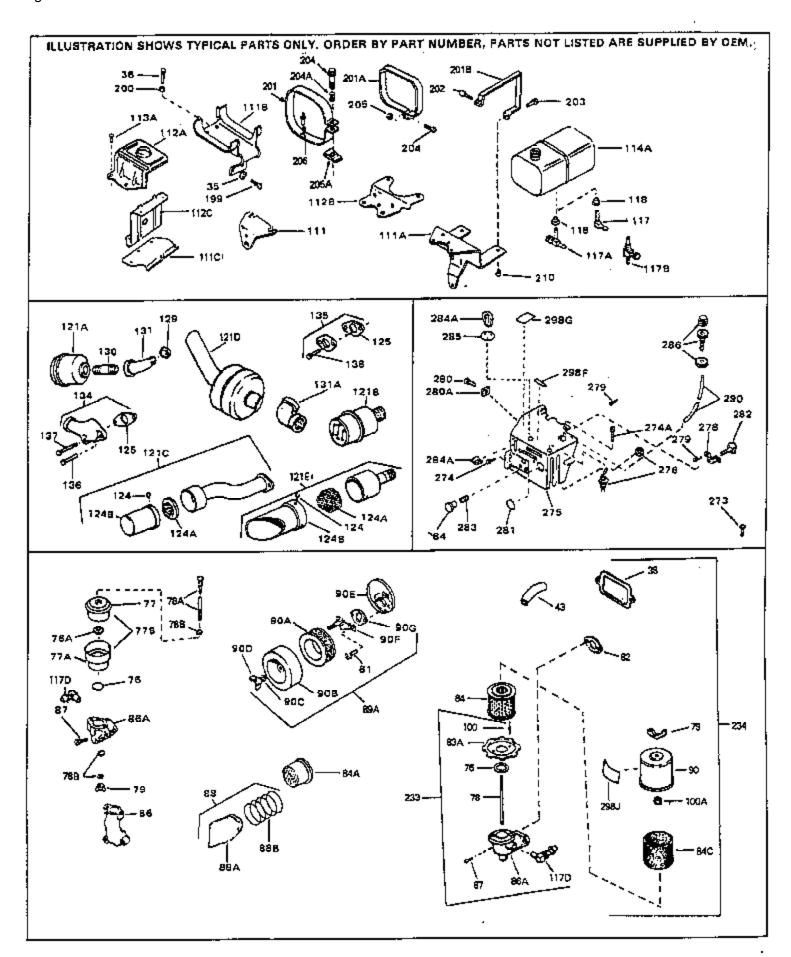


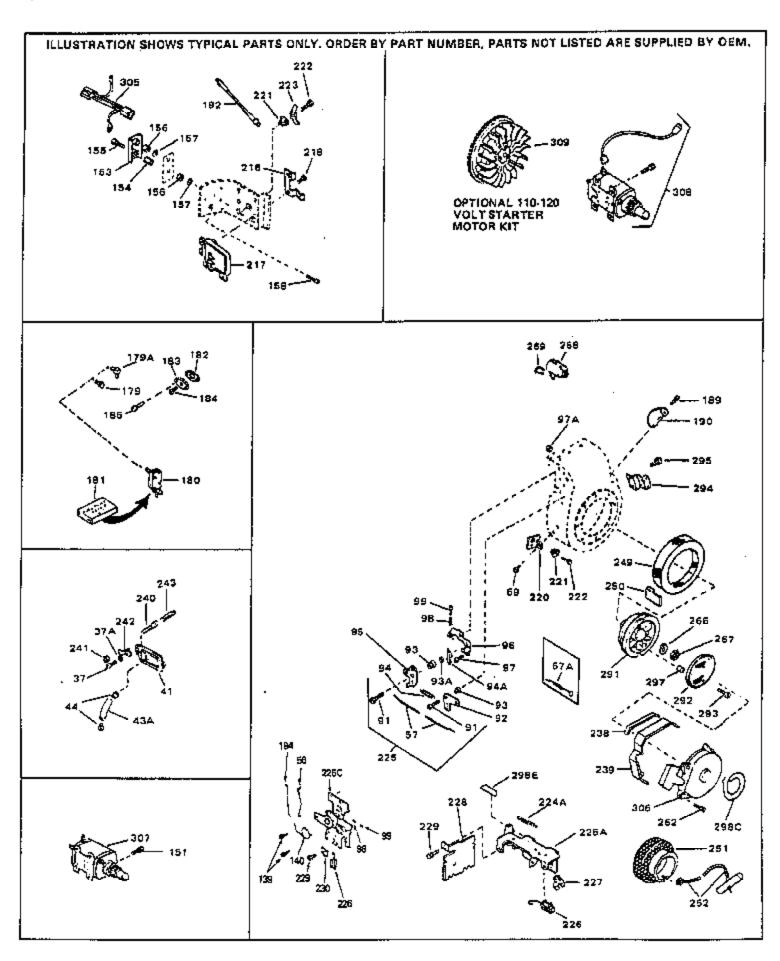
	Part Number	Qty	Description
	33311B		Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
2	27652		Pin, Dowel
3	27642		Plug, Oil drain, 1/4-18
4	27876B		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
5	32784		Intake Valve (1/32" OS) (Incl. 9)
	27878A		Exhaust Valve (Std.)
	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
	27882		Cap, Upper valve spring
	27881		Spring, Valve
	32581		Cap, Lower valve spring
	31376		Crankshaft (Incl. 12 & 13)
	29783		Pin, Crankshaft gear Used in early production. This gear is
12	29700		serviceable ONLY when itis pinned to the crankshaft.
13	27884		Gear, Crankshaft Used in early production. This gear is
			serviceable ONLY when itis pinned to the crankshaft.
14A	33312B		Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.16)
14A	33313B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
14A	33314B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
14	34531		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
14	34532		Piston, Pin & Ring Set (.010" OS)
	34533		Piston, Pin & Ring Set (.020" OS)
	34854		Ring Set (Std.) (2-5/8" Bore)
	34855		Ring Set (.010" OS)
	34856		Ring Set (.020" OS)
	27888		Ring, Piston pin retaining
	31380C		Rod Assy., Connecting (Incl. 18)
	30682		Bolt, Connecting rod (Early productio n)
	650662C		Screw, Connecting rod (Late production)
	26073		Connecting rod bolt washer (Early pro duction)
	28264		Connecting rod nut (Used on early pro duction)
	33156		Camshaft
	34034		Lifter, Valve
	31303B		Cover, Cylinder (Incl. 24, 27 & 105)
	28427		Seal, Oil
26	30684		* Gasket, Cylinder cover
27	31546		Bushing, Crankshaft
28	650488		Screw, 1/4-20 x 1-1/4"
29	650493		Screw, 1/4-20 x 1-3/4"
30	650489		Screw, 1/4-20 x 5/8"
	30939A		Cover, Cylinder head
	28938C		* Gasket, Cylinder head
	30938A		Head, Cylinder (Incl. 3 of 36)
	33636		Resistor Spark Plug
	26073		Washer, Flat (Use as required)
	650570		Washer, Flat (Use as required)
			· · · · · · · · · · · · · · · · · · ·
	650691 650607A		Washer, Flat (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)
	650128		Screw, 10-24 x 1/2" (Use as required)
	650597		Screw, 10-24 x 5/8" (Use as required)
	27896A		* Gasket, Breather cover
39	28423		Body, Breather
40	28424		Element, Breather
41	28425		Cover, Valve spring
	27915A		* Gasket, Intake
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## Ref # Part Number		5 (1)	D 10
48 30196 49 29918 50 660549 51 30319 52 32236A 52226A 5222			
49 29918 50 650548 51 30319 Fivet, Split (Used on early production) 52 32326A Fivet, Split (Used on early production) 52 32326A Fivet, Split (Used on early production) 53 30322 Fivet, Split (Used on early production) 54 29916 Fivet, Split (Use as required) 55 303025 Fivet, Split (Use as required) Camp, Covernor (lave laver does not need 1 of Ref #49,51,53,54,132,133) Fivet, Split (Use as required) Camp, Covernor (laver (Use as required) Fivet, Adjusting Fivet, Adjusting Fivet, Adjusting Fivet, Adjusting Fivet, Adjusting Fivet, Adjusting Fivet, Fivet			
50 650548   Screw, 8-32 x 5/16"			•
51 30319			
52 32328A			·
#49,51,53,54,132,133)  53 30322			Rivet, Split (Used on early productio n)
53 30322	52	32326A	Lever, Governor (New lever does not need 1 of Ref
54 29916 55 30206 56 32327 58 29216 59 29752 60 600572 50 29752 61 600572 61 29826 62 29642 63 30699B 63 30699B 63 30699B 63 30699B 63 30699C 64 30700 65 650494 66 31297 66 29642 67 29642 68 31297 69 29762 69 29763 60 600572 60 600573 60 600572 60 600573 6			#49,51,53,54,132,133)
54 29916 55 30206 56 32327 58 29216 59 29752 60 600572 50 29752 61 600572 61 29826 62 29642 63 30699B 63 30699B 63 30699B 63 30699B 63 30699C 64 30700 65 650494 66 31297 66 29642 67 29642 68 31297 69 29762 69 29763 60 600572 60 600573 60 600572 60 600573 6	<b>5</b> 2	20222	Look Nut. 9.22 (Lloo on required)
55 30205 68 20216 69 20216 10 20216 10 20216 11 28226 12 29752 13 29752 14 Locknut, 10-32 15 29752 16 29826 17 29826 18 20216 18 28262 18 20216 18 28262 28 2842 28 Ring, Retaining 18 200998 18 Rod Assy, Governor (Incl. 64 & 65) 18 20700 19 20826 28 29842 28 Ring, Retaining 29 20840 29 306998 20 Rod Assy, Governor (Incl. 64 & 65) 29 20840 29 30700 20 Yoke, Governor 20 20840 20 20			. ,
66 32327			·
58 29216 59 29752 Nut & Lockwasher, 1/4-28 60 650572 61 29826 650572 61 29826 63 30699B Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 63A 30699C Rod Assy., Governor (Incl. 64 & 65) 64 30700 70Ke, Governor 65 650494 66A 31297 Plug. Oil filler (Incl. 68) 68 29673 Plug. Oil filler (Incl. 68) 68 29673 Screw, 10-32 x 21/32* 70 32158E Riower Hsg., (For elec. starter) (Incl. 1 89, 190) 63 29747B Screw, 5/16-24 x 21/32* 70 32158E Riower Hsg., (For elec. starter) (Incl. 1 89, 190) 63 2536 8 2661 8 27625 8 2661 8 27625 8 2661 8 26661 9 26661			
S9 29752   Nut & Lockwasher, 1/4-28   Screw. 14-28   Screw. 14-28   Screw. 14-28   Screw. 14-28   Screw. 14-28   Screw. 14-28   Screw. 10-32 x 3/4"   Ring. Retaining   Rod Assy., Covernor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A)   Rod Assy., Governor (Incl. 64 & 65)   Yoke, Governor (Incl. 68)   Screw. 6-40 x 5/16'   Screw. 6-40 x 5/16'   Screw. 6-40 x 5/16'   Screw. 5/16-24 x 21/32"   Screw. 5/16-24 x 21/32			
60 650572 61 28926 62 29642 62 29642 63 30699B 64 30700 65 650494 66 27625 66 29747B 67 29863 68 296747 68 31297 69 29747B 70 32158E 71 33876 72 32956 74 650561 74 650561 75 316888 76 30596 78 30596 78 30596 78 30596 79 30596 70 30596 70 30596 70 30596 70 30596 70 30596 70 30596 70 30596 70			•
61 298642 Ring, Retaining 62 29642 Ring, Retaining 63 30699B Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 63A 30699C Rod Assy., Governor (Incl. 64 & 65) 64 30700 Yoke, Governor 65 650494 Screw, 6-40 x 5/16" 66 31297 Dipstick (Incl. 68) 66 27625 Plug, Oil filler (Incl. 68) 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 71 33876 Gasket, Stator 73 29536 Baffle, Blower housing 74 650561 Screw, 1/4-20 x 58" 75 31688A "Gasket, Carburetor 75 31688A Screw, 5/16-18 x 3/4" (Use as required) 81 28820 Screw, 10-32 x 1-1/8" (Use as require d) 81 28820 Screw, 10-32 x 1-1/8" (Use as require d) 81 28820 Screw, 10-32 x 1-1/8" (Use as require d) 81 650521 Screw, 10-32 x 1-1/8" (Use as require d) 82 27272A "Gasket, Air cleaner 83 31691 Bracket, Air cleaner 84B 30727 Element, Air cleaner 85 31715 Body, Air cleaner 87 370127 Air Cleaner Say. (Incl. 81,81A,82,83,84,85,90G & 298B) 83 2924 Compression Spring (Used with 650549 screw) (Use as required) 95 29500 Screw, 8-32 x 3/4" (Use as required) 96 20504 Screw, 3-32 x 1 (Use as required) 97 29500 Screw, 8-32 x 3/4" (Use as required) 98 31342 Compression Spring (Used with 650549 screw) (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 80 Screw, 10-32 x 1 (Use as required) 81 31843 Bracket, Governor gear 81 31843 Bracket, Governor gear 82 Screw, 10-32 x 1 (Use as required) 83 31843 Bracket, Governor gear 84 Screw, 10-32 x 1 (Use as required) 85 Screw, 10-32 x 1 (Use as required) 86 Screw, 10-32 x 1 (Use as required) 87 Screw, 5-40 x 7/16" (Use as required) 88 Screw, 10-32 x 1 (Use as required) 89 Screw, 10-32 x 1 (Use as required) 80 Screw, 10-32 x 1 (Use as required) 81 Screw, 10-32 x 1 (Use as required) 82 Screw, 10-32 x 1 (Use as required) 83 Screw, 10-32 x 1 (Use as required) 84 Screw, 10-32 x 1 (Use as required) 85 Screw, 10-32 x 1 (Use as required) 86 Screw, 10-32 x 1 (Use as required) 87 Screw, 10-32 x 1 (Use as required) 88 Screw, 10-32 x 1 (Use as required) 89 S			·
62 29642 63 30699B Rod Assy,, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 63A 30699C Rod Assy,, Governor (Incl. 64 & 65) 70ke, Governor 65 650494 Screw, 6-40 x 5/16* 66A 31297 Distick (Incl. 68) 66 27625 Plug, Oil filler (Incl. 68) 68 29673 69 29747B Screw, 5/16-24 x 21/32* 70 32158E Blower Hsg, (For elec. starter) (Incl. 1 89,190) 67 329536 68 29636 69 29747B Screw, 5/16-21 x 21/32* 70 32158E Slower housing 71 33876 Gasket, Stator 73 329536 Baffle, Blower housing 74 650561 75 31688A 81 30196 Screw, 1/4-20 x 5/8* 76 31688A 81 30196 Screw, 10-32 x 1/2* (Use as required) 81 2660521 Screw, 10-32 x 1/2* (Use as require d) Screw, 10-32 x 1/2* (Use as require d) Screw, 13-32 x 1-1/8* (Use as required) Screw, 13-32 x 1-1/8* (Use as requ			·
63         30699B         Rod Assy, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A)           63A         30699C         Rod Assy, Governor (Incl. 64 & 65)           64         30700         Yoke, Governor           65         650494         Screw, 6-40 x 5/16"           66A         31297         Dipstick (Incl. 68)           66         27625         Plug, Oil filler (Incl. 68)           68         29673         "Gasket, Dipstick           69         29747B         Screw, 5/16-24 x 2/1/32"           70         32158E         Blower Hsg. (For elec.starter) (Incl.1 89,190)           73         32536         Baffle, Blower housing           74         650561         Screw, 5/16-74 x 2/32"           75         31688A         "Gasket, Carburetor           75         31688A         "Gasket, Carburetor           81         30196         Screw, 18-32 x 1/2" (Use as required)           81         360521         Screw, 19-32 x 1/2" (Use as required)           81         360521         Screw, 19-32 x 3/8"           82         27272A         "Gasket, Air cleaner           84B         30727         Element, Air cleaner           84B         30727         Part c			·
used. It is replaced by 30699C assy., Ref.#63A)  63A 30699C 64 30700 70 Yoke, Governor (Incl. 64 & 65) 70 45 650494 80700 70 50 650494 80 77625 80 10 11 11 11 11 11 11 11 11 11 11 11 11			
63A 30699C 64 30700 65 650494 66A 31297 66 27625 68 29673 69 29747B 70 32158E 71 33876 73 32536 74 660561 75 31688A 75 31688A 76 531688 76 531682 77 531688A 78 52694 79 531688 79 531688 70 531688 70 531688 71 531688 72 527272 73 73 73 73 74 74 75 75 75 75 75 75 75 75 75 75 75 75 75	63	30699B	Rod Assy., Governor (This one piece gov. rod is no longer
64 30700 65 650494 66A 31297 66B 31297 66 27625 68 29673 69 29747B 70 32158E 71 33876 73 29536 74 650561 75 31688A 76 31696 77 31688A 78 1 30196 79 318820 79 318820 79 31896 79 31896 79 31727 79 32152 70 32158 70 32158 70 32158 70 32158 71 329536 72 638ket, Carburetor 73 39536 73 29536 74 650561 75 31688A 76 368ket, Carburetor 77 31688A 78 30196 79 30196 70 30196 70 30196 70 30198 70 30196 70 30197 70 301			used. It is replaced by 30699C assy., Ref.#63A)
64 30700 65 650494 66A 31297 66B 31297 66 27625 68 29673 69 29747B 70 32158E 71 33876 73 29536 74 650561 75 31688A 76 31696 77 31688A 78 1 30196 79 318820 79 318820 79 31896 79 31896 79 31727 79 32152 70 32158 70 32158 70 32158 70 32158 71 329536 72 638ket, Carburetor 73 39536 73 29536 74 650561 75 31688A 76 368ket, Carburetor 77 31688A 78 30196 79 30196 70 30196 70 30196 70 30198 70 30196 70 30197 70 301	631	306000	Pad Apply Covernor (Incl. 64.9.65)
65 650494 66A 31297 66 27625 66 27625 67 191g, 01 filler (Incl. 68) 68 29673 69 29747B 70 32158E 71 33876 73 29536 74 650561 75 31688A 75 31688A 76 31996 77 32953 78 30196 79 27772A 70 32158E 70 32158E 71 33376 72 29536 73 8afte, Blower housing 74 650561 75 31688A 76 31688A 77 31688A 78 31996 79 32772A 81 650521 81 650521 81 650521 82 27272A 83 31691 84 830727 85 31715 89 730127 89 31715 89 730127 89 38569  Compression Spring (Used with 29500 screw) (Use as required) 89 28569  Compression Spring (Used with 650688 screw) (Use as required) 98 32924  Compression Spring (Used with 650549 screw) (Use as required) 99 29500 99 650688 90 5076W, 8-32 x 3/4" (Use as required) 99 650689 99 650649 99 650680 90 5076W, 8-32 x 3/4" (Use as required) 90 650680 91 31343 91 650630 91 650630 92 29500 93 650649 94 650830 95 650649 95 650680 96 650630 97 670 716" (Use as required) 98 870 87176 89 872776 (Use as required) 99 650680 99 650680 99 650680 99 650680 99 650680 99 650680 99 650680 99 650680 90 8076W, 8-32 x 3/4" (Use as required) 99 650680 99 650680 99 650680 90 8076W, 8-32 x 3/4" (Use as required) 99 650680 99 650680 90 8076W, 8-32 x 3/4" (Use as required) 99 650680 99 650680 90 8076W, 8-32 x 3/4" (Use as required) 90 650680 91 8076W, 8-32 x 3/4" (Use as required) 91 8076W, 8-32 x 3/4" (Use as required) 92 8076W, 8-32 x 3/4" (Use as required) 93 80844 809 80894 809 80964 80964 80974 (Use as required) 80965680 80976W, 8-32 x 3/4" (Use as required) 809760680 8097			· · · · · · · · · · · · · · · · · · ·
66A 31297 66 27625 68 29673 68 29673 69 29747B 70 32158E 70 32158E 71 33876 72 32536 8 Blower Hsg. (For elec. starter) (Incl.1 89,190) 8 32924 8 Gasket, Stator 8 Gasket, Carburetor 9 Gasket, Air clea as required d) 9 Gasket, Air cleaner 9 Gasket, Air cleaner 9 Gasket, Air cleaner 9 Barcket, Air cleaner 9 Gasket, Air cleaner 9 Carburetor 9 Gasket, Air cleaner 9 Carburetor 9 Gasket, Air cleaner 9 Gasket, Air clean			·
66 27625 68 29673 68 29673 69 29747B 69 29747B 70 32158E 71 33876 73 329536 816986 8174 650561 81 30196 81 28820 81 650521 81 650521 82 27772A 83 31691 83 30727 83 31691 84 30727 85 31715 86 3715 87 32953 88 32924 89 32924  Compression Spring (Used with 650688 screw) (Use as required)  98 32924  Compression Spring (Used with 650549 screw) (Use as required)  99 650688 99 650689 99 650689 96 650689 96 50684 103 31845 106 30590A  Paffle (Incl. 68)  * Gasket, Dipstick Packet, Dipst			•
68 29673 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec. starter) (Incl. 1 89,190) 63 29747B 71 33876 73 29536 Baffle, Blower housing 74 650561 Screw, 1/4-20 x 5/8" 75 31688A 81 30196 Screw, 5/16-18 x 3/4" (Use as require d) 81 28820 Screw, 10-32 x 1-1/8" (Use as require d) 81 650521 Screw, 10-32 x 1-1/8" (Use as require d) 82 27272A 83 31691 Bracket, Air cleaner 848 30727 Body, Air cleaner 85 31715 Body, Air cleaner 89 730127 Air Cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  98 28569 Compression Spring (Used with 650688 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  5 crew, 10-32 x 1/4" (Use as required)  5 crew, 10-32 x 1/4" (Use as required)  6 compression Spring (Used with 650688 screw) (Use as required)  7 compression Spring (Used with 650649 screw) (Use as required)  8 crew, 8-32 x 3/4" (Use as required)  9 29500 Screw, 8-32 x 3/4" (Use as required)  5 crew, 10-32 x 1 (Use as required)  5 crew, 10-32 x 1 (Use as required)  6 compression Spring (Used with 650649 screw) (Use as required)  7 compression Spring (Used with 650649 screw) (Use as required)  8 crew, 10-32 x 1 (Use as required)  8 crew, 10-32 x 1 (Use as required)  8 crew, 10-32 x 1 (Use as required)  9 compression Spring (Used with 650649 screw) (Use as required)  9 compression Spring (Used with 650649 screw)  9 compression Spring (			·
69 29747B 70 32158E 81 Blower Hsg. (For elec.starter) (Incl.1 89,190) 83876 93844, Stator 73 29536 Baffle, Blower housing 74 650561 Screw, 1/4-20 x 5/8" 75 31688A 30196 Screw, 1/4-20 x 5/8" 81 30196 Screw, 5/16-18 x 3/4" (Use as required) 81 28820 Screw, 10-32 x 1-1/8" (Use as required) 81 650521 Screw, 10-32 x 1-1/8" (Use as required) 82 27272A Screw, 18-32 x 3/8" 83 31691 Screw, 18-32 x 3/8" 84B 30727 Blement, Air cleaner 85 31715 Body, Air cleaner 85 31715 Body, Air cleaner 87 30127 Compression Spring (Used with 29500 screw) (Use as required)  98 28569 Compression Spring (Used with 650688 screw) (Use as required)  98 32924 Compression Spring (Used with 650688 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  99 650688 Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)			
70 32158E 71 33876 73 29536 8affle, Blower Hsg. (For elec.starter)(Incl.1 89,190) Gasket, Stator 8affle, Blower housing Screw, 1/4-20 x 5/8" 75 31688A 81 30196 Screw, 5/16-18 x 3/4" (Use as require d) Screw, 5/16-18 x 3/4" (Use as require d) Screw, 10-32 x 1/2" (Use as require d) Screw, 10-32 x 1/2" (Use as require d) Screw, 10-32 x 1/2" (Use as require d) Screw, 33 x 3/8" 82 27272A 83 31691 84B 30727 85 31715 89 730127 Blook, Air cleaner 89 730127 Compression Spring (Used with 29500 screw)(Use as required)  98 28569 Compression Spring (Used with 650549 screw) (Use as required)  98 31342 Compression Spring (Used with 650549 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 5-40 x 7/16" (Use as required) Key, Flywheel Bracket, Governor gear Screw, 10-24 x 1/2" Shaft, Mechanical governor Washer, Flat			
71 33876 73 29536 74 650561 75 31688A 81 30196 81 28820 81 650521 81 650521 81 650521 82 27272A 83 31691 84 30727 85 31715 89 730127 89 32859 80 Compression Spring (Used with 650688 screw) (Use as required)  98 32924  Compression Spring (Used with 650549 screw) (Use as required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  Screw, 8-32 x 3/8"  Compression Spring (Used with 650549 screw) (Use as required)  Screw, 8-32 x 3/8"  For William Street Air Cleaner  Barbarde Air Cleaner  Body, Air Cleaner  Screw, 10-32 x 1-1/8" (Use as required)  Compression Spring (Used with 650688 screw) (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 10-32 x 1 (Use as required)			·
Baffle, Blower housing   Screw, 1/4-20 x 5/8"   To 31688A   Screw, 1/4-20 x 5/8"   To 31688A   "Gasket, Carburetor   Screw, 5/16-18 x 3/4" (Use as require d)   Screw, 5/16-18 x 3/4" (Use as require d)   Screw, 10-32 x 1-1/8" (Use as required)   Screw, 10-32 x 1-1/8" (U			
Screw, 1/4-20 x 5/8"     75 31688A			•
* Gasket, Carburetor * Gasket, Carburetor * Screw, 5/16-18 x 3/4" (Use as require d) * Screw, 5/16-18 x 3/4" (Use as require d) * Screw, 10-32 x 1/2" (Use as require d) * Screw, 10-32 x 1-1/8" (Use as require d) * Screw, 10-32 x 1-1/8" (Use as require d) * Screw, 8-32 x 3/8" * Gasket, Air cleaner * Gasket, Air cleaner * Bath 30727 * Element, Air cleaner * Body, Ai			
81       30196       Screw, 5/16-18 x 3/4" (Use as required d)         81       28820       Screw, 10-32 x 1-1/8" (Use as required)         81       650521       Screw, 10-32 x 1-1/8" (Use as required)         81A       650152       Screw, 8-32 x 3/8"         82       27272A       * Gasket, Air cleaner         83       31691       Bracket, Air cleaner         84B       30727       Element, Air cleaner         85       31715       Body, Air cleaner         89       730127       Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)         98       28569       Compression Spring (Used with 29500 screw)(Use as required)         98       32924       Compression Spring (Used with 650688 screw) (Use as required)         98       31342       Compression Spring (Used with 650549 screw) (Use as required)         99       650688       Screw, 8-32 x 3/4" (Use as required)         99       650549       Screw, 5-40 x 7/16" (Use as required)         102       30884       Key, Flywheel         103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         Washer, Flat <td></td> <td></td> <td>•</td>			•
81       28820       Screw, 10-32 x 1/2" (Use as required)         81       650521       Screw, 10-32 x 1/8" (Use as require d)         81A       650152       Screw, 8-32 x 3/8"         82       27272A       * Gasket, Air cleaner         83       31691       Bracket, Air cleaner         84B       30727       Element, Air cleaner         85       31715       Body, Air cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B)         89       730127       Air Cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B)         98       28569       Compression Spring (Used with 29500 screw) (Use as required)         98       32924       Compression Spring (Used with 650688 screw) (Use as required)         98       31342       Compression Spring (Used with 650549 screw) (Use as required)         99       29500       Screw, 8-32 x 3/4" (Use as required)         99       650688       Screw, 10-32 x 1 (Use as required)         99       650689       Screw, 10-32 x 1 (Use as required)         102       30884       Key, Flywheel         103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A			·
81 650521 Screw, 10-32 x 1-1/8" (Use as require d) 81A 650152 Screw, 8-32 x 3/8" 82 27272A * Gasket, Air cleaner 83 31691 Bracket, Air cleaner 84B 30727 Element, Air cleaner 85 31715 Body, Air cleaner 89 730127 Air Cleaner Asy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  98 28569 Compression Spring (Used with 29500 screw)(Use as required)  98 32924 Compression Spring (Used with 650688 screw) (Use as required)  98 31342 Compression Spring (Used with 650549 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  99 650688 Screw, 10-32 x 1 (Use as required)  99 650549 Screw, 10-32 x 1 (Use as required)  102 30884 Key, Flywheel 103 31843A Bracket, Governor gear 104 650836 Screw, 10-24 x 1/2"  105 31845 Shaft, Mechanical governor Washer, Flat	81	30196	Screw, 5/16-18 x 3/4" (Use as require d)
81A 650152 82 27272A 82 27272A 83 31691 83 31691 84B 30727 85 31715 85 31715 89 730127 89 28569 Compression Spring (Used with 29500 screw) (Use as required)  98 32924 Compression Spring (Used with 650688 screw) (Use as required)  98 31342 Compression Spring (Used with 650549 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  90 650688 Screw, 10-32 x 1 (Use as required)  91 23 0884 8	81	28820	
82       27272A       * Gasket, Air cleaner         83       31691       Bracket, Air cleaner         84B       30727       Element, Air cleaner         85       31715       Body, Air cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)         98       28569       Compression Spring (Used with 29500 screw)(Use as required)         98       32924       Compression Spring (Used with 650688 screw) (Use as required)         98       31342       Compression Spring (Used with 650549 screw) (Use as required)         99       29500       Screw, 8-32 x 3/4" (Use as required)         99       650688       Screw, 10-32 x 1 (Use as required)         99       650549       Screw, 5-40 x 7/16" (Use as required)         102       30884       Key, Flywheel         103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat	81	650521	Screw, 10-32 x 1-1/8" (Use as require d)
83 31691 84B 30727 85 31715 89 730127  81 28569  82 28569  83 32924  84 28569  85 31342  86 29500  87 29500  88 29500  89 29500  99 29500  90 29500  90 29500  90 29500  91 29500  92 2500  93 250688  94 250688  95 250688  96 250649  97 250688  98 250649  99 250649  90 250649  90 250649  90 250649  91 250649  92 250649  93 250649  94 250649  95 250649  96 250649  97 250640  98 250640  99 250640  99 250640  90 250640	81A	650152	Screw, 8-32 x 3/8"
Element, Air cleaner Body, Air cleaner Body, Air cleaner Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  8 28569  Compression Spring (Used with 29500 screw)(Use as required)  8 32924  Compression Spring (Used with 650688 screw) (Use as required)  9 31342  Compression Spring (Used with 650549 screw) (Use as required)  9 29500  Screw, 8-32 x 3/4" (Use as required)  9 650688  Screw, 10-32 x 1 (Use as required)  9 650549  Screw, 5-40 x 7/16" (Use as required)  102 30884  Key, Flywheel  103 31843A  Bracket, Governor gear  Screw, 10-24 x 1/2"  105 31845  Shaft, Mechanical governor  Washer, Flat	82	27272A	* Gasket, Air cleaner
85 31715 89 730127	83	31691	Bracket, Air cleaner
Air Čleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  98 28569	84B	30727	Element, Air cleaner
Air Čleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  98 28569	85	31715	·
(Use as required)  Compression Spring (Used with 29500 screw)(Use as required)  Sequired  Compression Spring (Used with 650688 screw) (Use as required)  Sequired  Compression Spring (Used with 650549 screw) (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Key, Flywheel  Screw, 5-40 x 7/16" (Use as required)  Key, Flywheel  Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Screw, 10-30540 Key, Flywheel  Screw, 10-24 x 1/2"  Shaft, Mechanical governor  Washer, Flat			
Compression Spring (Used with 29500 screw)(Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 8-32 x 1 (Use as required)  Screw, 10-32 x 1 (Use as required)  Screw, 5-40 x 7/16" (Use as required)  Key, Flywheel  31843A  Bracket, Governor gear  Screw, 10-24 x 1/2"  Shaft, Mechanical governor  Washer, Flat			
required)  Compression Spring (Used with 650688 screw) (Use as required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  Screw, 8-32 x 3/4" (Use as required)  99 650688  Screw, 10-32 x 1 (Use as required)  99 650549  Screw, 5-40 x 7/16" (Use as required)  102 30884  Key, Flywheel  103 31843A  Bracket, Governor gear  104 650836  Screw, 10-24 x 1/2"  105 31845  Shaft, Mechanical governor  Washer, Flat	00	00500	. ,
98       32924       Compression Spring (Used with 650688 screw) (Use as required)         98       31342       Compression Spring (Used with 650549 screw) (Use as required)         99       29500       Screw, 8-32 x 3/4" (Use as required)         99       650688       Screw, 10-32 x 1 (Use as required)         99       650549       Screw, 5-40 x 7/16" (Use as required)         102       30884       Key, Flywheel         103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat	98	28569	
required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  90 650688  90 650549  90 650549  102 30884  103 31843A  104 650836  105 31845  106 30590A  Compression Spring (Used with 650549 screw) (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 10-32 x 1 (Use as required)  Key, Flywheel  Screw, 5-40 x 7/16" (Use as required)  Key, Flywheel  Screw, 10-24 x 1/2"  Shaft, Mechanical governor  Washer, Flat			required)
required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  90 650688  90 650549  90 650549  102 30884  103 31843A  104 650836  105 31845  106 30590A  Compression Spring (Used with 650549 screw) (Use as required)  Screw, 8-32 x 3/4" (Use as required)  Screw, 10-32 x 1 (Use as required)  Key, Flywheel  Screw, 5-40 x 7/16" (Use as required)  Key, Flywheel  Screw, 10-24 x 1/2"  Shaft, Mechanical governor  Washer, Flat	98	32924	Compression Spring (Used with 650688 screw) (Use as
98 31342 Compression Spring (Used with 650549 screw) (Use as required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  99 650688 Screw, 10-32 x 1 (Use as required)  99 650549 Screw, 5-40 x 7/16" (Use as required)  102 30884 Key, Flywheel  103 31843A Bracket, Governor gear  104 650836 Screw, 10-24 x 1/2"  105 31845 Shaft, Mechanical governor  106 30590A Washer, Flat	00	02021	, , , , , , , , , , , , , , , , , , , ,
required)  99 29500 Screw, 8-32 x 3/4" (Use as required)  99 650688 Screw, 10-32 x 1 (Use as required)  99 650549 Screw, 5-40 x 7/16" (Use as required)  102 30884 Key, Flywheel  103 31843A Bracket, Governor gear  104 650836 Screw, 10-24 x 1/2"  105 31845 Shaft, Mechanical governor  106 30590A Washer, Flat			
99 29500 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 99 650549 Screw, 5-40 x 7/16" (Use as required) 102 30884 Key, Flywheel 103 31843A Bracket, Governor gear 104 650836 Screw, 10-24 x 1/2" 105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat	98	31342	
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99 650549 Screw, 5-40 x 7/16" (Use as required) 102 30884 Key, Flywheel 103 31843A Bracket, Governor gear 104 650836 Screw, 10-24 x 1/2" 105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat			
102       30884       Key, Flywheel         103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat			
103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat			· · ·
104 650836 Screw, 10-24 x 1/2" 105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat			
105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat			
106 30590A Washer, Flat			
·			
107 30591 Gear Assy., Governor (Incl. 106)			
	107	30591	Gear Assy., Governor (Incl. 106)

Ref #	Part Number	Otv	Description
	30588A	٠.,	Spool, Governor
	29193		Ring, Retaining
	34158		Bracket, Lower fuel tank
	34159		Plate, Upper fuel tank mtg.
	650561		Screw, 1/4-20 x 5/8"
	650665		Screw, 1/4-15 x 3/4"
	34156A		·
	410144B		Fuel Cap (M/hite Plastic) (Standard) (Ag rag )
			Fuel Cap (White Plastic)(Standard)(As req.)
115	33032		Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as required)
115	34210		Fuel Cap (Red Plastic) (Spurt Resistant, High Profile) (Use as required)
119	29774		Fuel Line (Braided 8.25") (Use as req uired)
119	30705		Fuel Line (Braided 16") (Use as required)
119	30962		Fuel Line (Braided 32") (Use as required)
120	26460		Clamp, Fuel line (Use as required)
125	27930A		* Gasket, Exhaust
	650548		Screw, 8-32 x 5/16" (Early production )
	650139		Screw, 8-32 x 1/2" (Early production)
	650542		Screw, 5/16-18 x 3/4"
	29538		Base, Engine mounting
	650128		Screw, 10-24 x 1/2"
	30622A		Extension, Blower housing
	30747		Clip, Shorting
	650890		Lockwasher
	27275		Clip, Wire (Use as required)
	29443		. , ,
	27276		Clip, Fuel line (Use as required)
	35349		Cover, Spark Plug Ground Wire
	29716		Screw, 1/4-28 x 7/16"
	32125		Cup, Starter
	590417		Screen, Starter cup
	650815		Washer, Belleville
	8116		Nut, Hex
	33310		Decal, 5 HP Mini-Bike (Use as require d)
	31517		Decal, H.P. (5 H.P.) (Use as required )
	32173		Decal, H.P. (6 H.P.) (Use as required )
	30547A		Contact Assy., Breaker
	30548B		Condenser
	31393		Valve, Seat, Gasket & Spring Assy.
303	631677		Carburetor (Incl. 75 & 302) (Refer to Division 5, Section A, page 120 for breakdown)
304	610689A		Magneto NOTE: The complete magneto is not available as an assembly. The magneto number is shown for reference purposes only. Order component parts individually, as shown in parts list. (Refer to Division 5, Section B, page 24 for breakdown)
306	590420		Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
310	33235A		* Gasket Set (Incl. items marked *)



Ref #	Part Number	Qty	Description
35	26073		Washer, Flat (Use as required)
35	650570		Washer, Flat (Use as required)
35	650691		Washer, Flat (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)
38	27896A		* Gasket, Breather cover
81	30196		Screw, 5/16-18 x 3/4" (Use as require d)
81	28820		Screw, 10-32 x 1/2" (Use as required)
81	650521		Screw, 10-32 x 1-1/8" (Use as require d)
82	27272A		* Gasket, Air cleaner
86A	34697		Air Cleaner Elbow Assy.(Use in 730561 only.)
89A	730128		Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97 &
			298B) (Use as req.)
1121	650665		Screw, 1/4-15 x 3/4"
	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester
IZIL	391020		mufflercan be used on any model)
			mullercan be used on any model)
	33171		Muffler Screen (Use as required)
	33185		Cover & Tube, Muffler (Use as require d)
	650578		Screw, 8-18 x 3/8"
	27930A		* Gasket, Exhaust
	32862		Nut, Conduit (1/4" thick)
	29574		Elbow, Exhaust (90 degree)
	31288		Muf.Adapter Kit(Incl.125,136,137)(As req.)
	730130		Muf.Adapter Kit(Incl.125 & 138)(As re quired)
	6021A		Screw, 5/16-18 x 1-1/2" (Use as requi red)
	650697A		Screw, 5/16-18 x 2-1/2" (Use as requi red)
	30196		Screw, 5/16-18 x 3/4" (Use as require d)
233	34819		Air Cleaner Elbow (Incl.44,76,78,83A,86A,100)(Use in
			730561 ass'y. only)
234	730561		Air Cleaner Kit
201	700001		(Incl.38,43,44,76,78,79,82,83A,84,84C,86A,87,90,100A,233,29
			(Use only on engines with an externally ventedfully
			adjustable carburetor.)
			,
273	650687		Screw, 10-32 x 5/16" (Use as required )



	D 111 1	
		ty Description
	650128	Screw, 10-24 x 1/2" (Use as required)
	650597	Screw, 10-24 x 5/8" (Use as required)
	27261	Washer, Flat (Use as required)
	28425	Cover, Valve spring
43A	35350	Tube, Breather
56	32327	Link, Throttle
69	29747B	Screw, 5/16-24 x 21/32"
98	28569	Compression Spring (Used with 29500 screw)(Use as
		required)
QR.	32924	Compression Spring (Used with 650688 screw) (Use as
00	02021	required)
		• ,
98	31342	Compression Spring (Used with 650549 screw) (Use as
		required)
99	29500	Screw, 8-32 x 3/4" (Use as required)
	650688	Screw, 10-32 x 1 (Use as required)
	650549	Screw, 5-40 x 7/16" (Use as required)
	33229	Pipe Fitting
	28566	Fitting, Fuel line
	32959	Pump, Impulse fuel
	33010	Repair Kit, Impulse fuel pump
	32683A	Gasket, Fuel pump cover (Use as requi red)
	32955	Cover, Fuel pump pad (Use as required )
	9556	Plug, Pipe 1/8-27 (Use as required)
	30063	Screw, 1/4-20 x 1/2" (Use as required)
	28545	Grommet, Plastic
	650760	Screw, 8-32 x 3/8"
	33356	Terminal, Ground
	730152	·
	33177	Control Bracket(Incl.91 thru 97)(As r eq.)
	30845A	Terminal (Use as required)
	33450	Bolt, Governor adjusting Nut, Lock
	30886A	
	29716	Spring, Governor bolt
		Screw, 1/4-28 x 7/16"
	650815	Washer, Belleville
	8116	Nut, Hex
	33018	Harness Assy., Adapter (Use as required)
300	590420	Rewind Starter (Refer to Division 5, Section C, page 25 for breakdown)
308	33328D	Starter Motor Kit (110-120 Volt) NOTE: This 110-120 volt starter motor kit may have been added to this engine. This can be added only if cylinder has drilled and tapped starter mounting bosses and a ring gear flywheel has been added (see #309). Refer to service number stamped on end cap of motor,
309	30811A	Flywheel (Ring gear flywheel requiredon engines using 110-120 volt starter motor kits listed above.)