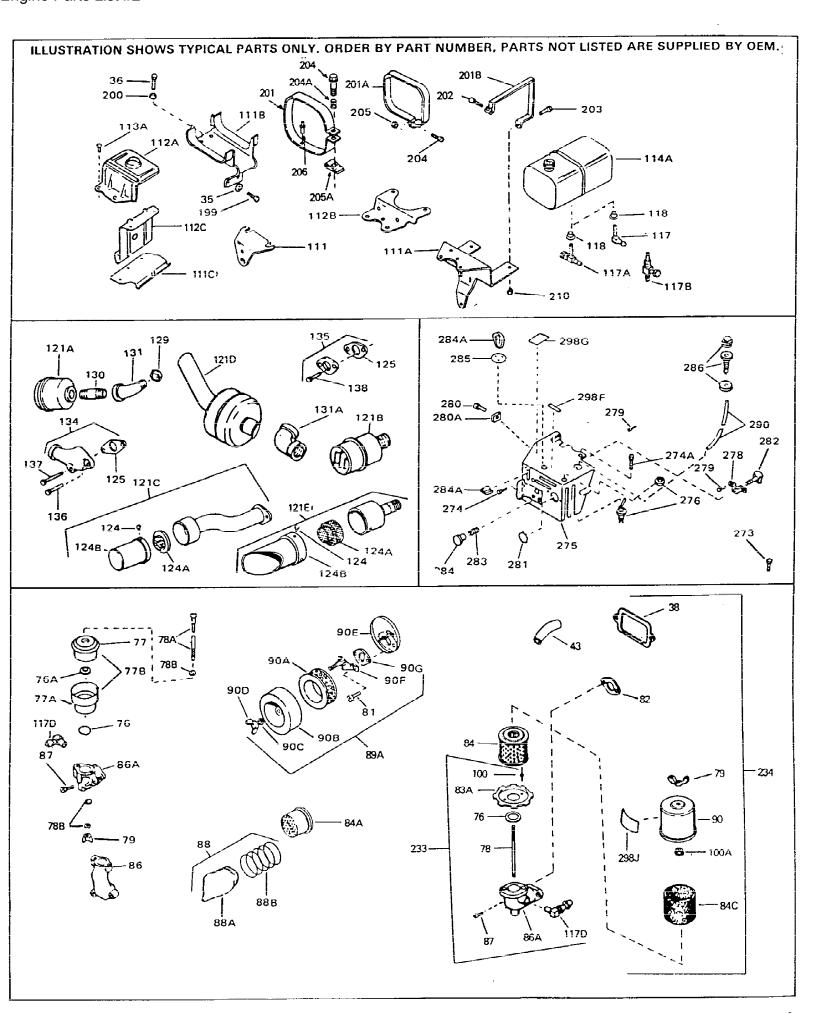


	Part Number	Qty	Description
	33311B		Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652		Pin, Dowel
	27642		Plug, Oil drain, 1/4-18
	27876B		Seal, Oil
5	32783		Intake Valve (Std.) (Incl. 9)
5	32784		Intake Valve (1/32" OS) (Incl. 9)
6	27878A		Exhaust Valve (Std.)
6	27880A		Exhaust Valve (1/32" OS) (Incl. 9)
7	27882		Cap, Upper valve spring
8	27881		Spring, Valve
9	32581		Cap, Lower valve spring
11	31827		Crankshaft (Incl. 12 & 13)
12	29783		Pin, Crankshaft gear Used in early production. This
			gear is serviceable ONLY when it is pinned to the
			crankshaft.
40	07004		
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)
	33313B		Piston & Pin Ass'y. (.010" OS) (Incl. 16)
	33314B		Piston & Pin Ass'y. (.020" OS) (Incl. 16)
	34531		Piston, Pin & Ring Set (Std.) (2-5/8" Bore)
	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 production)
	650662C		Screw, Connecting rod (Late production)
	26073		Connecting rod bolt washer (Early pro duction)
	28264		Connecting rod but Washer (Early pro duction)
	33156		Camshaft
	34034		Lifter, Valve
	31451A		Cylinder Cover (Incl.24, 105, 246, 24 7 & 248)
	28460		Seal, Oil
	30684		* Gasket, Cylinder cover
	650488		Screw, 1/4-20 x 1-1/4"
	650493		Screw, 1/4-20 x 1-1/4 Screw, 1/4-20 x 1-3/4"
	650489		Screw, 1/4-20 x 1-3/4 Screw, 1/4-20 x 5/8"
	30939A		Cover, Cylinder head
			· · ·
	28938C		* Gasket, Cylinder head
	30938A		Head, Cylinder (Incl. 3 of 36)
	33636 26073		Resistor Spark Plug
	26073 650570		Washer, Flat (Use as required)
	650570		Washer, Flat (Use as required)
	650691		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)
38	27896A		* Gasket, Breather cover

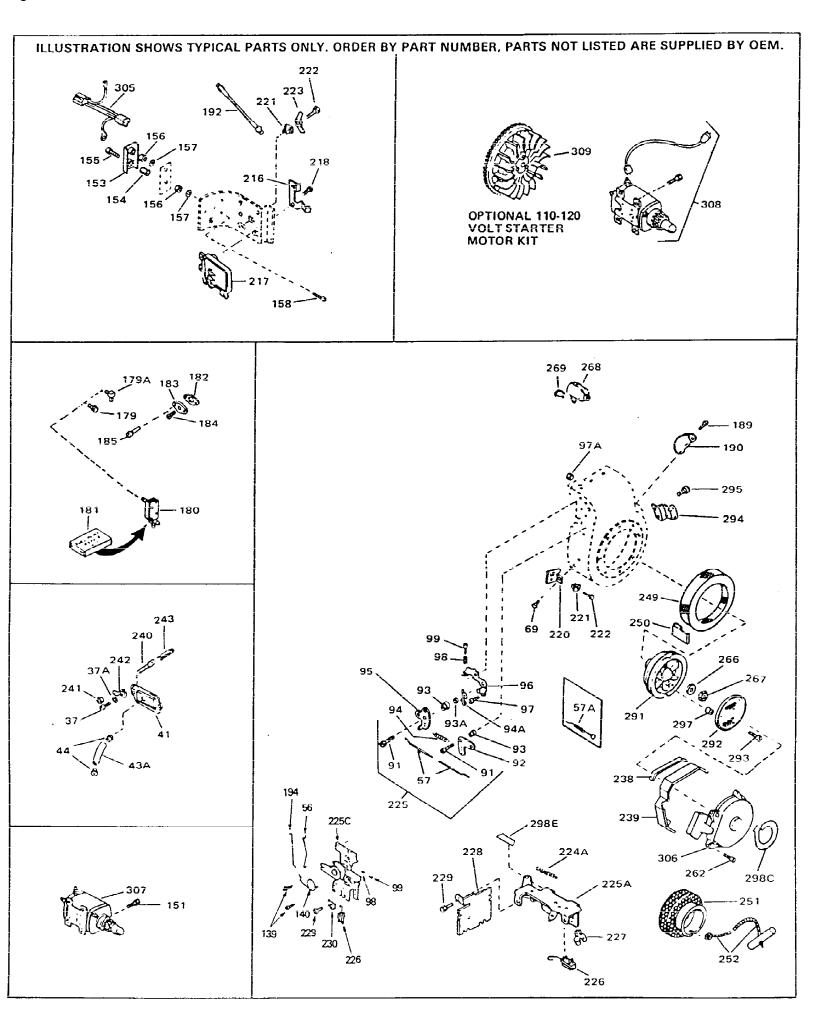
Ref # Part Number Qty Description Body, Breather Element, Breather Element	D-4 II	Deat Niverban	to December the
40 28424 41 28425 45 27915A 46 34712 48 30196 48 30196 50 650548 49 29918 50 650548 51 30319 62 3454 51 30319 63 8712 64 29916 51 30319 65 8716 67 33454 68 30322 60 650517 68 30322 60 650517 69 3225 60 650517 61 29826 63 30699B 64 30700 65 30699B 64 30700 65 30699B 64 30700 65 30509C 65 30509C 66 30509C 67 33893A 68 30590C 69 29747B 60 33590 60 33590 61 30700 62 30833 63 30590 63 30699B 64 30700 65 650494 66 30117 67 33893A 68 33590 69 29747B 70 32158E 70 32158E 71 33876 73 32536 74 650561 75 31688A 76 33880 78 31396 79 31988 79 31888 79 31888 79 31888 79 31888 79			
41 28425 Cover, Valve spring 45 27915A 46 34712 Flange, Carburetor (Incl. 60) 48 30196 Screw, 516-18 x 3/4" 49 29918 Lockwasher 50 650548 Screw, 516-18 x 3/4" 51 30319 Rivel, Split (Used on early production) 52 33454 Lever Assy., Governor 53 30322 Lock Nut. 3-32 (Use as required) 54 29916 Clamp, Governor lever (Use as required) 55 34662 Link, Throttle 56 29642 Clamp, Governor lever (Use as required) 61 29826 Screw, 14-20 x 13/16" 62 29642 Ring, Retaining 63 30699B Rod Assy., Governor (Incl. 64 & 65) 63 30699B Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., 64 30700 Yoke, Governor 65 650494 Screw, 6-40 x 5/16" 66 33893A Oil Fill Tube 67 33893A Oil Fill Tube 68 33590 "O'R Ring 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Housing 71 33876 Gasket, Stator 73 29536 Baffle, Blower housing 72 3158B Slower housing 73 3168BA "Gasket, Carburetor 81 30196 Screw, 176-18 x 23/8" (Use as require d) 81 28820 Screw, 176-18 x 23/8" (Use as require d) 82 77772A Sasket, Carburetor 83 31691 Bracket, Air cleaner 84 30727 Element, Linc Line Republication 85 3194 Grow, 32 x 1-18" (Use as require d) 86 32590 Compression Spring (Used with 29500 screw) (Use as required) 98 32924 Compression Spring (Used with 650549 screw) (Use as required) 99 55000 Screw, 8-32 x 3/8" (Use as required) 99 55000 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1-18" (Use as required) 99 650689 Screw, 10-32 x 1-18" (Use as required) 99 650689 Screw, 10-32 x 1-18" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required)			
45 27915A 46 34712 48 30196 48 30196 49 29918 50 650548 51 30319 52 33454 53 30322 54 29916 56 34662 58 29216 60 650517 61 29826 62 26642 63 30699C 63 30699B 64 30700 65 3660344 66 30700 65 3660344 66 30114 66 33590 67 338934 68 33590 70 7811 Tube 70 32158E 70 32158E 71 33876 73 329536 74 650561 75 31688A 76 31691 77 31688A 78 30196 78 32820 79 31691 79 32158 79 31688A 79 31691 79 32158 79 31698 79 31715 79 32569 79 31698 79 31715 79 32669 79 31698 70 31715 71 31884 71 31876 72 32669 73 3876 73 3876 73 3876 73 3876 74 650561 75 31688A 75 31688A 76 31691 77 31688A 78 31691 79 32778 79 32778 79 32778 79 32778 79 32778 79 32778 79 32778 70 32758 71 32876 72 31688A 73 31996 74 650561 75 31688A 75 31688A 76 3688A 77 31688A 78 31996 79 82778 79 32778 79 32778 79 32788 79 32787 79 32788 70 32788 70 32788 71 32876 72 32856 73 36956 74 650561 75 31688A 75 31688A 76 3688A 77 31688A 78 30196 79 82778 79 32788 70 32786 71 32876 72 32856 73 36956 74 650561 75 31688A 75 31688A 76 3688A 77 38820 76 38820 76 38820 76 38820 77 8787 79 32858 79 31688A 79 31715 79 32856 79 31688A 79 31688A 79 31715 79 328569 79 32950 79			
## 30196 ## 30196 ## 30196 ## 30196 ## 30196 ## 30319 ## Lockwasher ## Screw, 6-32 x 5/16* ## 51 30319 ## Rivet, Split (Used on early production) ## 52 33454 ## Lever Assy., Governor ## 53 30322 ## Lock Natl., 8-32 (Use as required) ## 54 29916 ## 54 29916 ## 54 29916 ## 56 34662 ## 57 32216 ## 58 29217 ## 58 29216 ## 58 29217 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29221 ## 58 29222 ## 58 29222 ## 58 29223 ## 58 29224 #	41	28425	Cover, Valve spring
48 30196 49 29918 50 650548 51 30319 52 33454 51 30319 52 33454 53 30322 54 29916 56 34662 57 29916 58 29216 59 20642 59 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 60 30699B 60 30700 70 20 20 20 20 20 20 20 20 20 20 20 20 20	45	27915A	* Gasket, Intake
48 30196 49 29918 50 650548 51 30319 52 33454 51 30319 52 33454 53 30322 54 29916 56 34662 57 29916 58 29216 59 20642 59 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 50 20642 60 30699B 60 30700 70 20 20 20 20 20 20 20 20 20 20 20 20 20	46	34712	Flange, Carburetor (Incl. 60)
Lockwasher Screw, R-32 x 5/16"			• ,
Screw, 8-32 x 5/16"			,
51 30319			
52 33454 53 30322			
53 30322			
54 29916 56 34662 Link, Throttle 58 29216 Clamp, Governor lever (Use as require d) Link, Throttle 58 29216 Clocknut, 10-32 Corew, 1/4-20 x 13/16" Screw, 1/4-20 x 13/16" Screw, 1/4-20 x 3/4" 62 29642 Ring, Retaining Rod Assy., Governor (Incl. 64 & 65) Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 64 30700 70 Yoke, Governor 70 Screw, 6-40 x 5/16" Screw, 6-10 x 6/16 x 6			
56 34662 58 29216 60 650517 60 650517 61 29826 62 29642 63 30699C 63 30699B 64 30700 65 650494 66 33893 A 68 33893 69 29747B 70 32158E 70 32158E 71 32856 73 38876 73 38876 73 38876 73 388876 73 38880 74 650561 75 31688A 74 650561 75 31688A 75 31688A 76 31892 77 31688A 78 31396 79 317 31882 79 317 31882 79 317 31882 79 321585 79 318880 70 318880 70 318880 70 318880 70 318880 70 318880 70 318880 70 318880 70 318880 70 321588 71 33876 73 329536 74 650561 75 31688A 75 31688A 76 33870 77 329536 78 31688B 79 31715 79 318880 70 321880 70 3215888 70 32158888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70 3215888 70			
58 29216 60 650517 61 29826 60 650517 61 29826 62 29642 81ng, Retaining 63A 30699C 63 30699B Rod Assy., Governor (Incl. 64 & 65) 63 30699B Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 64 30700 Yoke, Governor 65 650494 Screw, 6-40 x 5/16* Dipstick (Incl. 68) 67 33893A Oil Fill Tube 68 33590 Gegen Screw, 5/16-24 x 21/32* Flower Hsg. (For elec. starter) (Incl. 1 89,190) Gasket, Stator Gasket, Stator Gasket, Stator Gasket, Stator Gasket, Carburetor Screw, 10-42 v 5/8* 75 31688A Gasket, Carburetor Screw, 10-42 v 5/8* 75 31688A Gasket, Carburetor Grew, 10-42 v 1/2* (Use as require d) Grew, 10-32 x 1/2* (Use as required)			• • • • • • • • • • • • • • • • • • • •
60 650517 61 29826 61 29826 62 29642 63 30699C 63 30699B 63 30699B 63 30699B 64 30700 65 650494 650 34011A 661 33833A 662 34011A 663 33699 663 30699B 664 34011A 665 33833A 665 33699 665 33699 665 3669 666 34011A 667 33893A 678 38893A 688 33590 698 29747B 698 29747B 698 29747B 699 29747B 690 297478 690 297478 690 297478 690 297478 690 297478 690 29747			
61 2826 62 29642 62 29642 Ring, Retaining 63A 30699C Rod Assy., Governor (Incl. 64 & 65) Rod Assy., Governor (Incl. 61 & 65) Rod Assy., Governor (Incl. 64 & 65) Rod Assy., Governor (Incl. 68) Rod Assy., Governor Ref.#63A) 64 30700 Rod			•
62 29642 63A 30699C Rod Assy., Governor (Incl. 64 & 65) Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 64 30700 Yoke, Governor For Screw, 6-40 x 5/16" Dipstick (Incl. 68) Dipstick (Incl.			·
63A 30699B Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 64 30700 Yoke, Governor 65 650494 Screw, 6-40 x 5/16" 66A 34011A Dipstick (Incl. 68) 67 33893A Oil Fill Tube 68 33590 "O" Ring 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg., (For elec.starter)(Incl.1 89,190) 73 29536 Gasket, Stator 73 29536 Baffle, Blower housing 74 650561 Screw, 1/4-20 x 5/8" 75 31688A "Gasket, Carburetor 81 30196 Screw, 10-32 x 1/2" (Use as required) 81 28820 Screw, 10-32 x 1/2" (Use as required) 81 28820 Screw, 10-32 x 1/2" (Use as required) 81 287272A "Gasket, Air cleaner 83 31691 Bracket, Air cleaner 84B 30727 Element, Air cleaner 89 730127 Air Cleaner Ass'y. (Incl. 81,81A,			•
Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A)			<u> </u>
longer used. It is replaced by 30699C assy., Ref.#63A 64 30700			
Ref.#63A) 64 30700 65 650494 66A 34011A 66A 34011A Dipstick (Incl. 68) 67 33893A Oil Fill Tube 0° Ring 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 63 33590 74 650561 75 31688A Screw, 1/4-20 x 5/8" 75 31688A Screw, 1/4-32 x 1/2" (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 Screw, 3-32 x 3/8" 8 Gasket, Air cleaner 84B 30727 Blowdrape 84B 30727 Blowdrape 85 31715 Body, Air cleaner 867 31715 Body, Air cleaner 87 730127 Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 98 28569 Compression Spring (Used with 650688 screw) (Use as required) 98 31342 Compression Spring (Used with 650688 screw) (Use as required) 99 650549 Screw, 3-32 x 3/4" (Use as required)	63	30699B	· · · · · · · · · · · · · · · · · · ·
Yoke, Governor			·
65 650494			Ref.#63A)
65 650494	64	30700	Voke Governor
66A 34011A 67 33893A 68 33590 69 29747B 69 29747B 70 32158E 810wer Hsg. (For elec.starter)(Incl.1 89,190) 67 329536 68 3586 68 3586 69 29747B 70 32158E 810wer Hsg. (For elec.starter)(Incl.1 89,190) 68 329536 82 3188A 83 6358 83 636 84 6368A 85 6388A 85 6388A 86 6388A 87 638ket, Carburetor 81 30196 82 2820 82 27272A 83 31651 84 650152 85 27272A 86 38184 87 30727 88 31691 88 30727 89 730127 89 730127 89 730127 80 730127 81 804, Air cleaner 82 288B) (Use as required) 83 32924 84 Compression Spring (Used with 650688 screw) (Use as required) 85 31342 Compression Spring (Used with 650549 screw) (Use as required) 96 650549 97 650549 98 28569 Screw, 8-32 x 3/4" (Use as required)			•
67 33893A 68 33590 68 29747B 69 29747B 70 32158E 70 32158E 71 33876 73 29536 74 650561 75 31688A 81 68820 81 680521 81 680521 82 672722A 82 72722A 83 31691 848 30727 85 31715 85 31715 86 31715 87 31027 87 31027 88 31342 Compression Spring (Used with 650688 screw) (Use as required) 98 32924 Compression Spring (Used with 650549 screw) (Use as required) 99 650549 99 650688 10 2 30884 Coi' Fill Tube "O'' Ring Co'' Ring Co'' Ring Co'' Ring Corew, 5/16-24 x 21/32" Blower Hsg. (For elec.starter)(Incl.1 89,190) Blower Hsg. (For elec.starter)(Incl.1 89,190) Blower Hsg. (For elec.starter)(Incl.1 89,190) Basket, Stator Blower Hsg. (For elec.starter)(Incl.1 89,190) Gasket, Stator Blower Hsg. (For elec.starter)(Incl. 189,190) Gasket, Stator Blower Hsg. (For elec.starter)(Incl. 189,190) Gasket, Stator Blower Hsg. (For elec.starter)(Incl. 189,190) Gasket, Stator Gasket, Air claner Bracket, Air cleaner			,
68 33590 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 71 33876 Gasket, Stator Fas 29536 Fas Blower housing Fas 31688A Fas Gasket, Stator Fas 31688A Fas Gasket, Stator Fas 31688A Fas Gasket, Stator Fas 31688A Fas Gasket, Carburetor Fas 31096 Fas Crew, 1/4-20 x 5/8" Fas 31688A Fas Gasket, Carburetor Fas 31096 Fas Crew, 10-32 x 1/2" (Use as required) Fas Gasket, Air (Use as required) Fas Gasket, Air cleaner Fas 27272A Fas Gasket, Air cleaner Fas 31715 Fas Gasket, Air cleaner Fas Ga			· · · · · · · · · · · · · · · · · · ·
69 29747B Screw, \$\frac{5}{16-24 \times 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 5/8" 75 31688A *Gasket, Carburetor 81 30196 Screw, 5/16-18 x 3/4" (Use as require d) 81 28820 Screw, 5/16-18 x 3/4" (Use as require d) 81 650521 Screw, 10-32 x 1/2" (Use as require d) 81A 650152 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 89 730127 Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 98 28569 Compression Spring (Used with 650688 screw) (Use as required) 98 31342 Compression Spring (Used with 650549 screw) (Use as required) 99 650549 Screw, 5-40 x 7/16" (
Blower Hsg. (For elec.starter)(Incl.1 89,190) 71 33876			•
71 33876 73 29536			·
73 29536 Baffle, Blower housing 74 650561 Screw, 1/4-20 x 5/8" 75 31688A * Gasket, Carburetor 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) 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) 99 650549 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			
74 650561 75 31688A 81 30196 81 28820 Screw, 5/16-18 x 3/4" (Use as require d) 81 28820 Screw, 10-32 x 1/2" (Use as require d) 81 650521 Screw, 10-32 x 1-1/8" (Use as require d) 81 650152 Screw, 10-32 x 1-1/8" (Use as require d) 81 650152 Screw, 8-32 x 3/8" 82 27272A 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) 99 650549 Screw, 5-40 x 7/16" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) Key, Flywheel			,
75 31688A * Gasket, Carburetor 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) 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) 99 650549 Screw, 5-40 x 7/16" (Use as required) 99 650549 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			· · · · · · · · · · · · · · · · · · ·
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) 81 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 650549 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			
81 28820 Screw, 10-32 x 1/2" (Use as required) 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 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 650549 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			
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 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 650549 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			Screw, 5/16-18 x 3/4" (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 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 650549 Screw, 5-40 x 7/16" (Use as required) 99 650689 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 102 30884 Key, Flywheel			
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102 30884 Key, Flywheel			
103 31843A Bracket, Governor gear			
	103	31843A	Bracket, Governor gear

Pof #	Part Number C)tv	Description
	650836	χιy	Screw, 10-24 x 1/2"
	31845		Shaft, Mechanical governor
	30590A		Washer, Flat
	30591		Gear Assy., Governor (Incl. 106)
	30588A		Spool, Governor
	29193		Ring, Retaining
	650561		Screw, 1/4-20 x 5/8"
	650665		Screw, 1/4-15 x 3/4"
	35584		Fuel Tank (Incl. 115 & 120)
115	410144B		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
132	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		Clip, Fuel line (Use as required)
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	31793		Bearing, Ball
	31792		Washer, Thrust
	31855		Retainer, Bearing
	650778		Washer, Lock
	650580		Nut, Lock
	29716		Screw, 1/4-28 x 7/16"
	32125		Cup, Starter
	590417		• •
	650815		Screen, Starter cup
			Washer, Belleville
	8116		Nut, Hex
	31752		Decal, Air cleaner
	34346		Decal, Instruction
	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
	631021		Inlet Needle, Seat & Clip Assy.
303	632178		Carburetor (Incl. 75 & 301) (Refer to Division 5,
			Section A, page 176 for breakdown)

Ref #	Part Number	Qty	Description
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)
	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
	30196		Screw, 5/16-18 x 3/4" (Use as require d)
	28820		Screw, 10-32 x 1/2" (Use as required)
	650521		Screw, 10-32 x 1-1/8" (Use as require d)
	27272A		* Gasket, Air cleaner
	34697		Air Cleaner Elbow Assy.(Use in 730561 only.)
	650163		Screw, 10-32 x 7/8"
	730128		Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97
-	700120		& 298B) (Use as req.)
111	34816		Bracket, Lower fuel tank
	33166A		Bracket, Upper fuel tank
	650665		Screw, 1/4-15 x 3/4"
	31287		Muffler
	391026		Muffler (Incl. 124, 124A & 124B) (This spark arrester
	00.020		mufflercan be used on any model)
124	650578		Screw, 8-18 x 3/8"
	33171		Muffler Screen (Use as required)
124B	33185		Cover & Tube, Muffler (Use as require d)
125	27930A		* Gasket, Exhaust
129	32862		Nut, Conduit (1/4" thick)
	28443		Nut, Conduit (1/8" thick)
	31913		Nipple, Pipe
	32394		Elbow, Exhaust (90)
	30209		Elbow, Exhaust (45 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 (Incl.38,43,44,76,78,79,82,83A,84,84C,86A,87,90,100A) (Use only on engines with an externally ventedfully
			adjustable carburetor.)
273	650687		Screw, 10-32 x 5/16" (Use as required)



	Part Number	Qty	Description
37 37A 41 43A 56 69	650128 650597 27261 28425 35350 34662 29747B 28569		Screw, 10-24 x 1/2" (Use as required) Screw, 10-24 x 5/8" (Use as required) Washer, Flat (Use as required) Cover, Valve spring Tube, Breather Link, Throttle Screw, 5/16-24 x 21/32" 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 99 139 140 182 183 184 185 225 225C 227 229 230 249 250 262 266 267 305	650549 29500 650688 650821 34663 32683A 32955 9556 30063 730152 34664 33177 28942 27793 32203 32204 29716 650815 8116 33018 590420		Screw, 5-40 x 7/16" (Use as required) Screw, 8-32 x 3/4" (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 10-32 x 1/2" Spring, Speed control Gasket, Fuel pump cover (Use as required) Cover, Fuel pump pad (Use as required) Plug, Pipe 1/8-27 (Use as required) Screw, 1/4-20 x 1/2" (Use as required) Control Bracket(Incl.91 thru 97)(As r eq.) Control Bracket (Incl. 98, 99, 140 & 226) Terminal (Use as required) Screw, 10-32 x 3/8" Clip, Conduit Cleaner, Starter air Bracket, Starter air cleaner Screw, 1/4-28 x 7/16" Washer, Belleville Nut, Hex Harness Assy., Adapter (Use as requir ed) 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.)