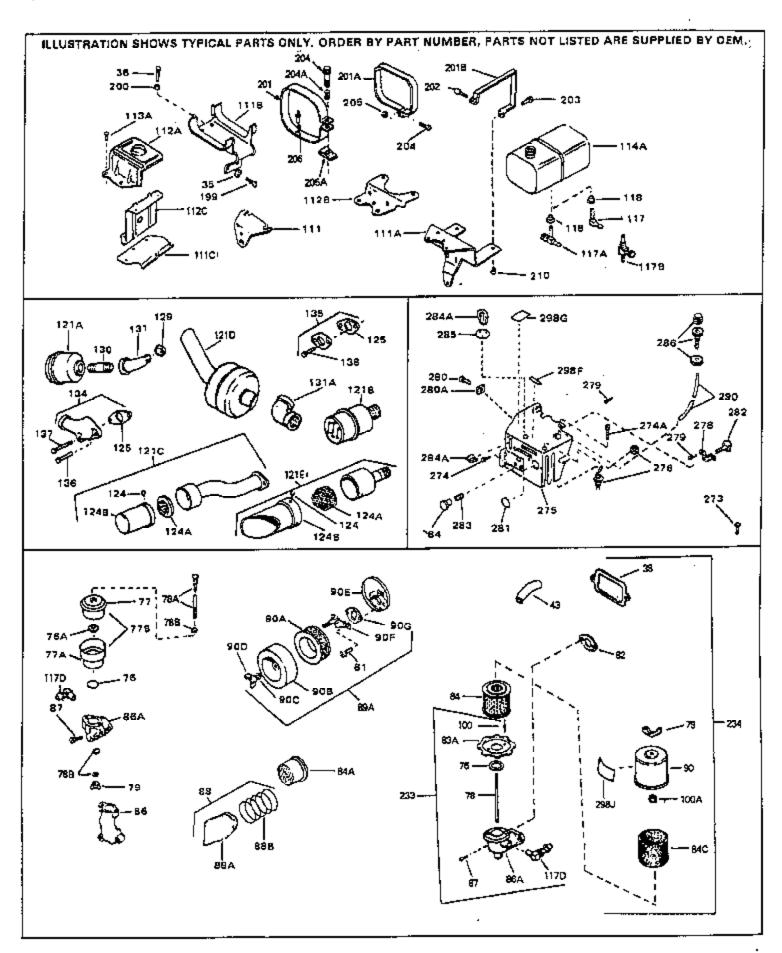


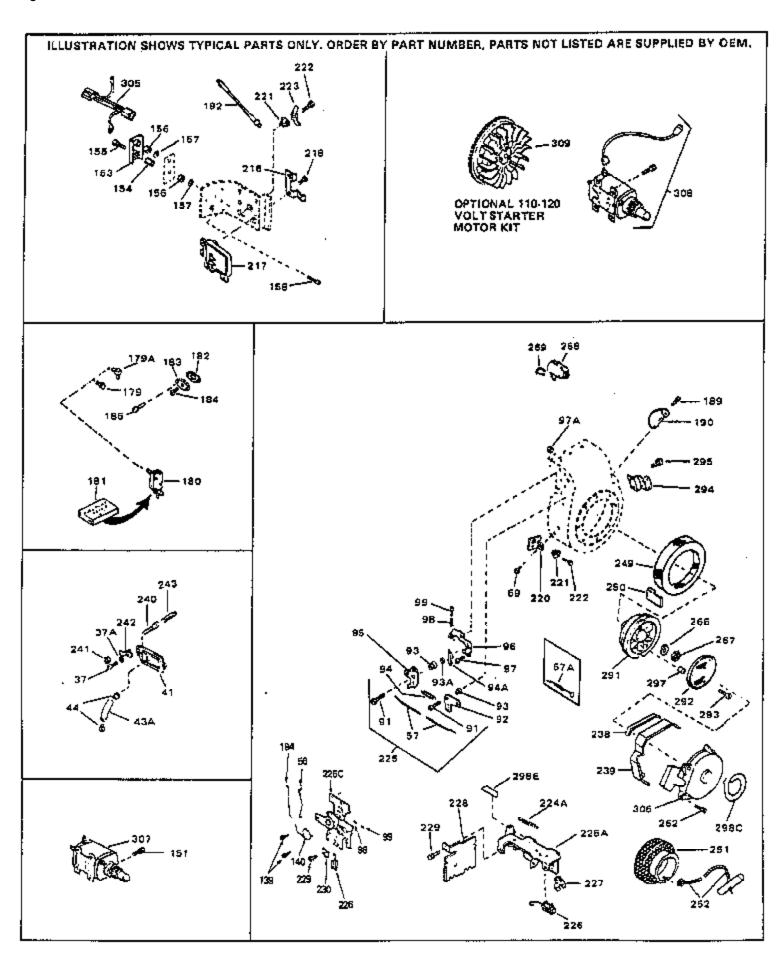
		Description
	33311B	Cylinder (Incl. 2,3,4,5,184) (2-5/8" Bore)
	27652	Pin, Dowel
	27642	Plug, Oil drain, 1/4-18
	27876B	Seal, Oil
5	27878A	Intake Valve (Std.) (Incl. 9)
5	27880A	Intake Valve (1/32" OS) (Incl. 9)
6	31469A	Exhaust Valve (Std.) (Incl. 9)
6	31470A	Exhaust Valve (1/32" OS) (Incl. 9)
7	27882	Cap, Upper valve spring
8	27881	Spring, Valve
	32581	Cap, Lower valve spring
	34116	Crankshaft (Incl. 12 & 13)
	29783	Pin, Crankshaft gear Used in early production. This gear is
		serviceable ONLY when itis pinned to the crankshaft.
13	27884	Gear, Crankshaft Used in early production. This gear is
	000400	serviceable ONLY when itis pinned to the crankshaft.
	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)
15	34855	Ring Set (.010" OS)
	34856	Ring Set (.020" OS)
16	27888	Ring, Piston pin retaining
17	31380C	Rod Assy., Connecting (Incl. 18)
18A	30682	Bolt, Connecting rod (Early productio n)
18	650662C	Screw, Connecting rod (Late productio n)
19	26073	Connecting rod bolt washer (Early pro duction)
20	28264	Connecting rod nut (Used on early pro duction)
	33156	Camshaft
	34034	Lifter, Valve
	31303B	Cover, Cylinder (Incl. 24, 27 & 105)
	28427	Seal, Oil
	30684	* Gasket, Cylinder cover
	31546	Bushing, Crankshaft
	650488	Screw, 1/4-20 x 1-1/4"
	650493	Screw, 1/4-20 x 1-3/4"
	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
	28423	Body, Breather
	28424	Element, Breather
	28425	Cover, Valve spring
43	32447	Tube, Breather

## Ref if Part Number		D (N )	<u> </u>	
## 6 30196A ## 30196 ## 30196 ## 30196 ## 30196 ## 30199 ## Lockwasher ## 50 650548 ## 51 30319 ## Rivet, Spift (Used on early production) ## 52 3236A ## 51 30319 ## 52 3236A ## 51 30322 ## 52 3236A			Qty	
## 30196   Screw, 516-16 x 3/4"   ## 29918   Lockwasher   ## 50 650548   Screw, 8-32 x 5/16"   ## 51 30319   Rivet, Spill (Used on early production n)   ## 52 32326A   Laver, Governor (New lever does not need 1 of Ref				•
49 29918				· · · · · · · · · · · · · · · · · · ·
50 650548         Screw, 8-32 x 5'16"           61 30319         Rivet, Spill (Used on early production n)           52 32326A         Lever, Gowenor (New lever does not need 1 of Ref           449,51,53,54,132,133)         Lever, Gowenor (New lever does not need 1 of Ref           54 29916         Clamp, Gowenor lever (Use as required)           55 30205         Bracket, Adjusting           56 31710         Link, Throttle           10 59216         Locknut, 10-32           59 29752         Nut & Lockwasher, 1/4-28           60 650572         Screw, 10-32 x 24"           61 29826         Screw, 10-32 x 24"           62 29942         Ring, Retaining           63 30699B         Rod Assy, Governor (This one piece gov, rod is no longer used. It is replaced by 30699C assy., Ref.#63A)           63 30699C         Rod Assy, Governor (Incl. 64 & 65)           64 30700         Yoke, Governor           65 650494         Screw, 64-04 x 5/16"           66 31297         Dipstick (Incl. 68)           69 29747B         Screw, 5/16-24 x 2/132*           70 32158E         Blower Hay, (For elec.starter) (Incl. 1 89,190)           81 29836         Blower Hay, (For elec.starter) (Incl. 1 89,190)           81 29836         Blower Hay, (For elec.starter) (Incl. 2 as required)           81 2				•
51 30319 52 32326A				
1.52   32326A				·
#49,51,53,54,132,133)  53 30322				• • • • • • • • • • • • • • • • • • • •
53 30322	52	32326A		•
54 29916 55 30205 56 31710 58 329216 59 31710 59 29752 50 650572 50 650572 51 28826 52 29542 52 29642 62 29642 63 30699B 63 30699B 64 30700 65 650494 65 29673 66 31297 67 68 29673 68 29673 69 29747B 69 29747B 70 32158E 71 30196 72 31461 73 29536 74 650561 75 31688A 75 31688A 76 31797 77 32168 78 31797 79 32170 79 32170 79 32170 79 32170 70 321				#49,51,53,54,132,133)
54 29916 55 30205 56 31710 58 329216 59 31710 59 29752 50 650572 50 650572 51 28826 52 29542 52 29642 62 29642 63 30699B 63 30699B 64 30700 65 650494 65 29673 66 31297 67 68 29673 68 29673 69 29747B 69 29747B 70 32158E 71 30196 72 31461 73 29536 74 650561 75 31688A 75 31688A 76 31797 77 32168 78 31797 79 32170 79 32170 79 32170 79 32170 70 321	53	30322		Lock Nut. 8-32 (Use as required)
55 30205 66 31710 Link. Throttle 68 29216 Locknut, 10-32 Nut & Lockwasher, 1/4-28 60 650572 Screw, 1/4-28 61 29826 Screw, 10-32 x 3/4* 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) 70ke, Governor 65 650494 Foreign Screw, 10-32 x 1/46* 66A 31297 Dipstick (Incl. 68) 68 29673 Gasket, Dipstick 69 29747B Screw, 5/16-24 x 21/32* To 32158E Blower Hsg. (For elec.starter)(Incl. 1 89,190) Bushing, Crankshaft 73 29536 Raffle, Blower housing 74 650561 Screw, 1/4-20 x 5/8* 75 31688A Screw, 5/16-18 x 3/4* (Use as require d) Screw, 5/16-18 x 1/18* (Use as require d) Screw, 1/3-20 x 1-18* (Incl. as require d) Screw, 1/3-30 x 1-18* (Use as required) Screw, 1/3-20 x 1-18* (Use as required) Screw, 1/3-20 x 1-18* (Use as requi				·
56 31710				· · · · · · · · · · · · · · · · · · ·
58 29216 59 29752 Nut & Lockwasher, 1/4-28 60 650572 61 29826 61 650572 62 29842 63 30699B Rod Assy, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assyx, Ref.#63A) 63A 30699C Rod Assy, Governor (Incl. 64 & 65) 64 30700 Yoke, Governor 65 650494 66A 31297 Dipstick (Incl. 68) 68 29673 68 29673 70 32158E Blower Hsg. (For elecs starter) (Incl. 189,190) 72 31461 Publishing, Crankshaft				•
Sep   29752   Nut & Lockwasher, 1/4-28   Screw, 14-28   Screw, 14-28   Screw, 14-28   Screw, 14-28   Screw, 10-32 x 3/4*   Screw, 10-32 x 3/4*   Screw, 10-32 x 3/4*   Ring, Retaining   Retaining   Rod Assy., Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A)				
66 650572 61 29826 61 29826 62 29642 62 29642 63 30699B 63 30699B 64 30700 65 650494 66A 31297 68 29673 69 29747B 70 32158E 71 31461 73 29336 74 650561 75 31688A 78 301996 78 31820 79 31708 79 3182820 79 31708 79 31708 79 31708 79 31708 79 329569 79 329569 79 329569 79 329569 79 329569 79 3142 79 3142 70 31758 70 31758 70 32159 70 321				·
61 29864 62 29642 Ring, Retaining 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" Dispatick (Incl. 68) 82 29747B Screw, 6-40 x 5/16" Dispatick (Incl. 68) 83 29673 84 29747B Screw, 5/16-24 x 21/32" 70 32159E Blower Hsg., For elec. starter)(Incl.1 89,190) Bushing, Crankshaft 73 29536 Baffle, Blower housing 74 650561 Screw, 10-32 x 1/2" (Use as required) 81 28820 Screw, 16-18 x 34" (Use as required) 81 28820 Screw, 10-32 x 1/2" (Use as required) 81 650521 Screw, 10-32 x 1/2" (Use as require d) 81 650521 Screw, 10-32 x 1/2" (Use as required) 82 27272A 83 31708 Bracket, Air cleaner 85 31715 Body, Air cleaner 86 31715 Body, Air cleaner 87 730127 Air Cleaner Asy. (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) Screw, 10-32 x 1/2" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 90 Screw, 8-32 x 3/4" (Use as required) 91 Screw, 8-32 x 3/4" (Use as required) 92 29500 Screw, 8-32 x 3/4" (Use as required) 93 29500 Screw, 8-32 x 3/4" (Use as required) 94 29500 Screw, 8-32 x 3/4" (Use as required) 95 29500 Screw, 8-32 x 3/4" (Use as required) 96 29500 Screw, 8-32 x 3/4" (Use as required) 97 3084 Screw, 10-32 x 1 (Use as required) 98 3084 Screw, 10-32 x 1 (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required)				
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 64 30700 65 650494 Screw, 640 x 5716* 66A 31297 Dipstick (Incl. 68) 68 29673 69 29747B Crankshelt 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) Bushing, Crankshelt 73 32556 Baffle, Blower housing 74 660561 Screw, 1420 x 578* 75 31688A 81 30196 Screw, 161-81 x 34* (Use as required) 81 28820 Screw, 10-32 x 11/2* (Use as require d) 81 28820 Screw, 10-32 x 11/2* (Use as require d) 81 650152 Screw, 10-32 x 11/2* (Use as require d) 82 27272A 83 31708 85 31715 Body, Air cleaner 85 31715 Body, Air cleaner 86 31715 Body, Air cleaner 87 30127 Air Cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 98 32924 Compression Spring (Used with 650688 screw) (Use as required) 99 2500 Screw, 8-32 x 34** (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 10-32 x 1 (Use as required) Screw, 8-32 x 34** (Use as required) Screw, 8-32 x 34** (Use as required) Screw, 8-32 x 34** (Use as required) Screw, 10-32 x 1 (Use as required)				·
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°           68         29673         "Dipstick (Incl. 68)           68         296747B         "Casket, Dipstick           70         32158E         Blower Hsg. (For elec. starter)(Incl. 1 89,190)           72         31461         Bushing, Crankshaft           73         25956         Baffle, Blower Housing           74         650561         Screw, 14-20 x 5/8°           75         31688A         "Gasket, Carburetor           81         30196         Screw, 14-20 x 5/8°           81         2820         Screw, 14-20 x 5/8°           81         560521         Screw, 14-20 x 5/8°           81         650521         Screw, 14-20 x 5/8°           82         27272A         Screw, 14-20 x 5/8°           83         31708         Bracket, Air cleaner           85         31715         Body, Air cleaner           85         730127         Air Cleaner Assy. (Incl. 81,814,82,83,84,85,90G & 298B)				
used. It is replaced by 30699C assy., Ref.#63A)  63A 30699C  64 30700 Yoke, Governor (Incl. 64 & 65)  65 650494 Screw, 6-40 x 5/16"  66A 31297 Dipstrick (Incl. 68)  68 29673 "Gasket, Dipstrick  69 29747B Screw, 5/16-24 x 2/1/32"  70 32158E Blower Hsg., (For elec. starter)(Incl. 1 89,190)  80 281461 Bushing, Crankshaft  73 32536 Baffle, Blower housing  74 660561 Screw, 14-20 x 5/8"  75 31688A "Gasket, Carburetor  75 31688A "Gasket, Carburetor  76 31688A Screw, 5/16-18 x 3/4" (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)  82 272772A "Gasket, Air cleaner  83 31705 Bracket, Air cleaner  85 31715 Body, Air cleaner  86 31715 Body, Air cleaner  87 30127 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)  98 32924 Compression Spring (Used with 650688 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)  90 650688 Screw, 10-32 x 1 (Use as required)  90 650689 Screw, 10-32 x 1 (Use as required)  91 20 3084 Key, Flywheel  92 2860 Screw, 10-32 x 1 (Use as required)  93 29500 Screw, 8-32 x 3/4" (Use as required)  94 2500 Screw, 10-32 x 1 (Use as required)  95 260036 Screw, 10-32 x 1 (Use as required)  96 20688 Screw, 10-32 x 1 (Use as required)  97 29500 Screw, 10-32 x 1 (Use as required)  98 28609 Screw, 10-32 x 1 (Use as required)  99 28600 Screw, 10-32 x 1 (Use as required)  99 29500 Screw, 10-32 x 1 (Use as required)  90 29600 Screw, 10-32 x 1 (Use as required)  91 20 3084 Key, Flywheel  92 3084 Screw, 10-32 x 1 (Use as required)  93 31845 Shaft, Mechanical governor  94 40 460036 Screw, 10-32 x 1 (Use, 20 required)  95 30591 Gear Assy, Governor (Incl. 106)				
63A 30699C 64 30700 65 650494 66A 31297 68 29673 68 29673 69 29747B 70 32158E 70 32158E 71 32536 72 31461 73 29536 74 650561 75 31688A 75 31996 76 31996 77 31996 78 329536 79 3	03	300990		
64 30700 65 650494 66A 31297 66 82 9673 68 29673 69 29747B 70 32158E 71 31461 72 31461 73 29536 74 650561 75 31688A 75 31688A 76 50521 77 32158 78 31708 79 32172 81 650521 81 650522 82 27272A 83 31708 85 31715 89 730127 81 6200 81 28569 82 26569 83 2924 84 Compression Spring (Used with 650688 screw) (Use as required)  98 28569  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  Screw, 8-32 x 3/4" (Use as required)  Screw, 10-32 x 1-1/8" (Use as required)  S				used. It is replaced by 30699C assy., Rel.#63A)
64 30700 65 650494 66A 31297 66B 31297 68 29673 68 29673 69 29747B 70 32158E 70 32158E 810ver Hsg. (For elec.starter)(Incl.1 89,190) 82 31461 83 29636 84 29636 85 29636 86 29637 86 29747B 86 29747B 87 231461 89 31461 89 31688A 80 29636 80 29747B 80 29748 80 29748 81 30196 81 28820 81 28820 81 28820 81 28820 81 28820 81 650521 81 650521 81 650521 81 650521 81 650521 81 650522 82 27272A 83 31708 85 31715 89 730127 80 28584, Air cleaner 86 31715 89 730127 80 28589 80 28569 80 28	63A	30699C		Rod Assy., Governor (Incl. 64 & 65)
66 650494 66A 31297 68 29673 68 29673 68 29673 69 29747B Screw, 5/16-24 x 2/132" 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) Bushing, Crankshaft Bushing, Crankshaft 73 29536 Baffle, Blower housing 74 650561 75 31688A Screw, 1/4-20 x 5/8" 75 31688A Screw, 1/4-20 x 5/8" 76 31688A Screw, 1/4-20 x 5/8" 78 31696 Screw, 10-32 x 1-12" (Use as require d) Screw, 10-32 x 1-12" (Use as require d) Screw, 10-32 x 1-18" (Use as required) Screw, 10-32 x 1 (Use as required)	64	30700		
Dipstick (Incl. 68)   Septiment				
68 29673 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec. starter) (Incl. 1 89,190) 8ushing, Crankshaft 8ush				·
69 29747B 70 32158E 81 Blower Hsg. (For elec.starter) (Incl.1 89,190) 82 31461 82 Blower Hsg. (For elec.starter) (Incl.1 89,190) 83 31342 85 Corew, 5/16-24 x 21/32" 86 Compression Spring (Used with 650688 screw) (Use as required) 87 32950 88 31342 89 29500 89 31343 80 50764, 8-32 x 3/4" (Use as required) 80 50764, 8-32 x 3/4" (Use as required) 81 3096 82 50764, 8-32 x 3/4" (Use as required) 85 31715 86 31715 87 30127 88 31708 89 31342 80 50764, 8-32 x 3/4" (Use as required) 80 31845 81 31745 82 50764, 8-32 x 3/4" (Use as required) 83 31745 84 31755 85 31755 86 31755 87 30127 86 31755 87 30127 87 30127 88 31745 89 31342 80 32924 80 329				• • •
70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 72 31461 Bushing, Crankshaft 8affle, 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 require d) 81 650521 Screw, 10-32 x 1-1/8" (Use as require d) 81 650521 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 31708 Bracket, 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 29500 screw)(Use as required) 98 31342 Compression Spring (Used with 650688 screw) (Use as required) 99 29500 Screw, 8-32 x 3/4" (Use as required) 99 650688 Screw, 8-32 x 3/4" (Use as required) 99 650649 Screw, 8-32 x 3/4" (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				•
72 31461 73 29536				·
Baffle, Blower housing   Screw, 1/4-20 x 5/8"				
Screw, 1/4-20 x 5/8"     75 31688A				<u> </u>
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 require d)         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       31715       Body, Air cleaner         85       31715       Body, Air cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B)         98       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       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       31				
81 30196 81 28820 81 28820 82 2727, 10-32 x 1-1/8" (Use as required) 81 650521 81A 650152 82 27272A 83 31708 85 31715 89 730127 89 28569 80 28569 81 2869 81 2869 81 2869 82 2724 83 31342 84 2509 8500 85 31342 85 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 86 31342 87 30127 88 31342 89 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31342 80 31343 8				·
81 28820 Screw, 10-32 x 1/2" (Use as required) 81 650521 Screw, 10-32 x 1-1/8" (Use as required) 81 650521 Screw, 10-32 x 1-1/8" (Use as required) 82 27272A "Gasket, Air cleaner 83 31708 Bracket, 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 29500 Screw, 8-32 x 3/4" (Use as required)  99 650688 Screw, 10-32 x 1 (Use as required)  90 650549 Screw, 716" (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 107 30591 Gear Assy., Governor (Incl. 106)				·
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       31708       Bracket, 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       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         107       30591       Gear Assy., Governor (Incl. 106)				
81A 650152 82 27272A 82 27272A 83 31708 85 31715 86 31715 87 30127 88 730127 89 730127 80 Compression Spring (Used with 29500 screw)(Use as required) 80 32924 81 Compression Spring (Used with 650688 screw) (Use as required) 82 31342 83 31342 84 Compression Spring (Used with 650549 screw) (Use as required) 85 29500 86 Screw, 8-32 x 3/4" (Use as required) 87 30588 88 Screw, 10-32 x 1 (Use as required) 89 650689 80 Screw, 5-40 x 7/16" (Use as required) 80 31843A 81 Bracket, Governor gear 81 Screw, 10-24 x 1/2" 81 50 30590A 81 Screw, 10-24 x 1/2" 82 Screw Source (Incl. 106) 83 Sorewn (Incl. 106)				
82       27272A       * Gasket, Air cleaner         83       31708       Bracket, 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       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         106       30590A       Washer, Flat         107       30591       Gear Assy., Governor (Incl. 106)				·
83       31708       Bracket, 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       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, Air cleaner         104       650836       Screw, 10-32 x 1 (Use as required)         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat         107       30591       Gear Assy., Governor (Incl. 106)				
85 31715 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 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" 1105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat 107 30591 Gear Assy., Governor (Incl. 106)				·
Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required)  98 28569				·
(Use as required)  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  103 31843A  Bracket, Governor gear  104 650836  Screw, 10-24 x 1/2"  105 31845  Shaft, Mechanical governor  106 30590A  Washer, Flat  Gear Assy., Governor (Incl. 106)				
Compression Spring (Used with 29500 screw)(Use as required)  98 32924	00	100121		
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  106 30590A  Washer, Flat  Gear Assy., Governor (Incl. 106)				(Ose as 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  106 30590A  Washer, Flat  Gear Assy., Governor (Incl. 106)	98	28569		Compression Spring (Used with 29500 screw)(Use as
required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  90 650688  90 650688  91 Screw, 8-32 x 3/4" (Use as required)  90 650549  91 Screw, 10-32 x 1 (Use as required)  92 Screw, 5-40 x 7/16" (Use as required)  93 30884  84 Key, Flywheel  95 31843A  96 Bracket, Governor gear  96 50836  97 Screw, 10-24 x 1/2"  98 505836  99 650549  Screw, 5-40 x 7/16" (Use as required)  89 650549  Screw, 10-32 x 1 (Use as required)  80 Screw, 10-32 x 1 (Use as r				required)
required)  98 31342  Compression Spring (Used with 650549 screw) (Use as required)  99 29500  90 650688  90 650688  91 Screw, 8-32 x 3/4" (Use as required)  90 650549  91 Screw, 10-32 x 1 (Use as required)  92 Screw, 5-40 x 7/16" (Use as required)  93 30884  84 Key, Flywheel  95 31843A  96 Bracket, Governor gear  96 50836  97 Screw, 10-24 x 1/2"  98 505836  99 650549  Screw, 5-40 x 7/16" (Use as required)  89 650549  Screw, 10-32 x 1 (Use as required)  80 Screw, 10-32 x 1 (Use as r	QQ	32024		Compression Spring (Llead with 650688 serow) (Llea 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  107 30591 Gear Assy., Governor (Incl. 106)	90	32324		· · · · · · · · · · · · · · · · · · ·
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  107 30591 Gear Assy., Governor (Incl. 106)				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 107 30591 Gear Assy., Governor (Incl. 106)	98	31342		Compression Spring (Used with 650549 screw) (Use as
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 107 30591 Gear Assy., Governor (Incl. 106)				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 107 30591 Gear Assy., Governor (Incl. 106)	00	20500		
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 107 30591 Gear Assy., Governor (Incl. 106)				
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         107       30591       Gear Assy., Governor (Incl. 106)				
103       31843A       Bracket, Governor gear         104       650836       Screw, 10-24 x 1/2"         105       31845       Shaft, Mechanical governor         106       30590A       Washer, Flat         107       30591       Gear Assy., Governor (Incl. 106)				·
104 650836 Screw, 10-24 x 1/2" 105 31845 Shaft, Mechanical governor 106 30590A Washer, Flat 107 30591 Gear Assy., Governor (Incl. 106)				
10531845Shaft, Mechanical governor10630590AWasher, Flat10730591Gear Assy., Governor (Incl. 106)				
106 30590A Washer, Flat 107 30591 Gear Assy., Governor (Incl. 106)				·
107 30591 Gear Assy., Governor (Incl. 106)				
·				
108 30588A Spool, Governor				
	108	30588A		Spool, Governor

Ref #	Part Number Qt	/ Description
	29193	Ring, Retaining
	30063	Screw, 1/4-20 x 1/2"
	410144B	Fuel Cap (White Plastic)(Standard)(As req.)
	33032	
113	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)
	30705	Fuel Line (Braided 16") (Use as requi red)
	30962	Fuel Line (Braided 32") (Use as requi red)
	26460	Clamp, Fuel line (Use as required)
	32401	Muffler
	34174	Deflector, Exhaust
	650665	Screw, 1/4-15 x 7/8"
	27930A	* Gasket, Exhaust
	30196	Screw, 5/16-18 x 3/4"
	26073	Washer, Flat
	650694A	Screw, 5/16-18 x 2"
	650548	
		Screw, 8-32 x 5/16" (Early production)
	650139 650543	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
	31861	Clip, Shorting
	27275	Clip, Wire (Use as required)
	29443	Clip, Fuel line (Use as required)
	31711B	Control Bracket (Incl. 98, 99 & 226)
	610973	Terminal Assy.
	28942	Screw, 10-32 x 3/8"
	27793	Clip, Conduit
	35349	Ground Wire
	29716	Screw, 1/4-28 x 7/16"
	32125	Cup, Starter
	590417	Screen, Starter cup
	650815	Washer, Belleville
	8116	Nut, Hex
	550223	Decal, Name
	33310	Decal, 5 HP Mini-Bike (Use as require d)
298A	31517	Decal, H.P. (5 H.P.) (Use as required )
298A	32173	Decal, H.P. (6 H.P.) (Use as required )
298	34346	Decal, Instruction
299	30547A	Contact Assy., Breaker
300	30548B	Condenser
301	631021	Inlet Needle, Seat & Clip Assy.
	631828	Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A,
		page 144 for breakdown)
304	610689A	Magneto NOTE: The complete magneto is not available as
304	010000A	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)
		ioi bicandowiij
306	590420	Rewind Starter (Refer to Division 5, Section C, page 25 for
		breakdown)
240	3323EV	* Gasket Set (Incl. items marked *)
310	33235A	Gashet Set (IIICI. Items Hained )



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
	32447	Tube, Breather
	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
	31700	Element, Air cleaner
	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.)
121E	391026	Muffler (Incl. 124, 124A & 124B) (This spark arrester
		mufflercan be used on any model)
124A	33171	Muffler Screen (Use as required)
	33185	Cover & Tube, Muffler (Use as require d)
	650578	Screw, 8-18 x 3/8"
	27930A	* Gasket, Exhaust
	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)
224	730561	Air Cleaner Kit
234	730301	(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 )



	Part Number	Qty	Description
	650128		Screw, 10-24 x 1/2" (Use as required)
37	650597		Screw, 10-24 x 5/8" (Use as required)
37A	27261		Washer, Flat (Use as required)
41	28425		Cover, Valve spring
44	32446		Grommet, Breather tube
56	31710		Link, Throttle
69	29747B		Screw, 5/16-24 x 21/32"
	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)
	650688		Screw, 10-32 x 1 (Use as required)
	650549		Screw, 5-40 x 7/16" (Use as required)
	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		Control Bracket(Incl.91 thru 97)(As r eq.)
	610973		Terminal Assy.
	33177		Terminal (Use as required)
	28942		Screw, 10-32 x 3/8"
	27793		Clip, Conduit
	29716		Screw, 1/4-28 x 7/16"
	650815		Washer, Belleville
	8116		Nut, Hex
	33018		Harness Assy., Adapter (Use as requir ed)
306	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.)