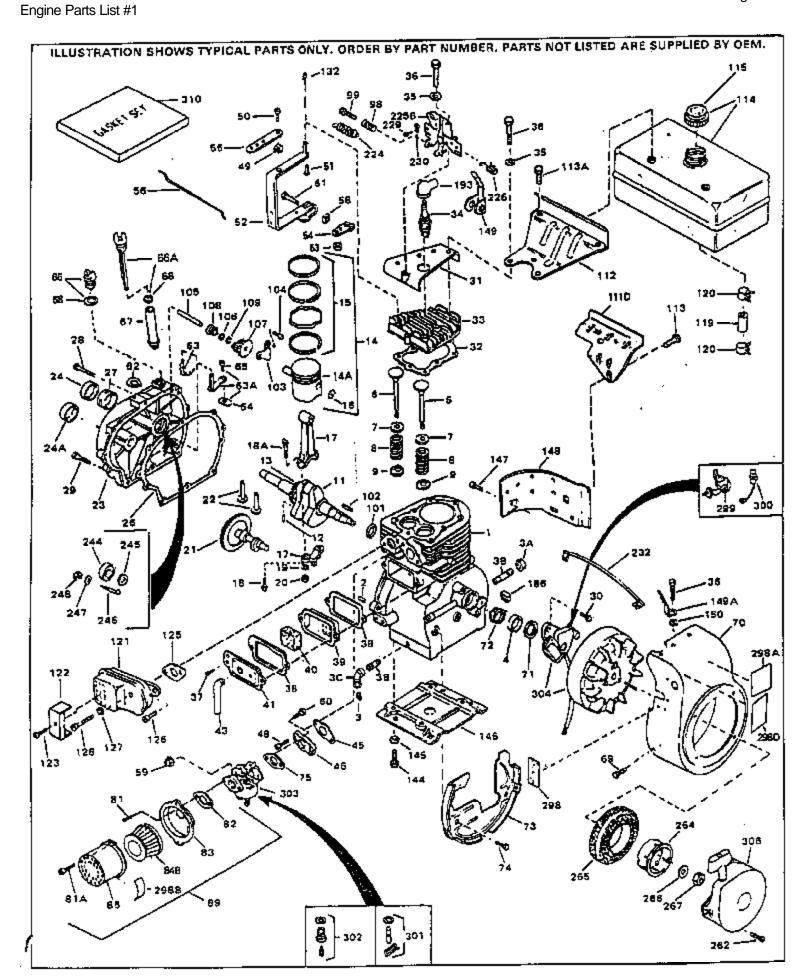
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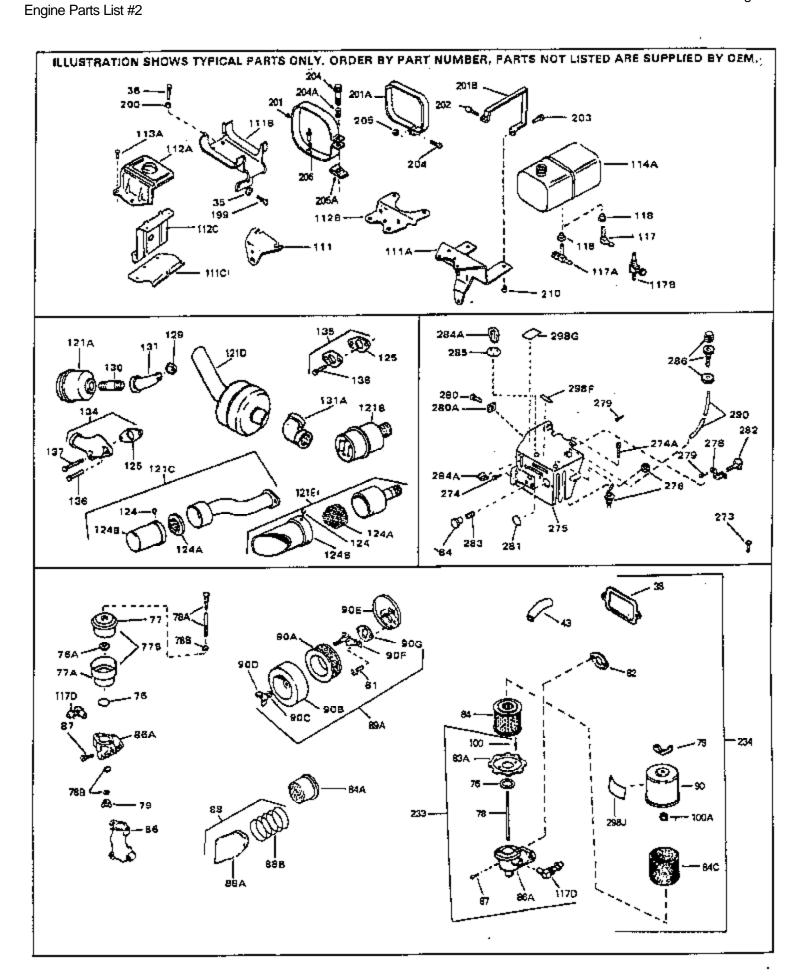
www.mymowerparts.com

| Def # | Deat Ni well ar | <u> </u> | Description |
|-------|-------------------|----------|--|
| | Part Number 34761 | Qty | Description Cylinder (C I liner)(Incl.2,3,4,184)(2-5/8") |
| | 27652 | | Pin, Dowel |
| | | | • |
| | 27642 27876B | | Plug, Oil drain, 1/4-18 |
| | | | Seal, Oil |
| | 32783 | | Intake Valve (Std.) (Incl. 9) |
| | 32784 | | Intake Valve (1/32" OS) (Incl. 9) |
| | 27878A | | Exhaust Valve (Std.) |
| | 27880A 27882 | | Exhaust Valve (1/32" OS) (Incl. 9) |
| | | | Cap, Upper valve spring |
| | 27881 | | Spring, Valve |
| | 32581 | | Cap, Lower valve spring |
| | 31856A 29783 | | Crankshaft (Incl. 12 & 13) |
| IZ | 29763 | | Pin, Crankshaft gear Used in early production. This gear is serviceable ONLY when itis pinned to the crankshaft. |
| | | | serviceable ONLT when its piritied to the crankshalt. |
| 13 | 27884 | | Gear, Crankshaft Used in early production. This gear is |
| | | | serviceable ONLY when itis pinned to the crankshaft. |
| 14 | 34503 | | Piston, Pin & Ring Set (Std.) (2-5/8" Bore) |
| | 34504 | | Piston, Pin & Ring Set (.010" OS) |
| | 34505 | | Piston, Pin & Ring Set (.020" OS) |
| | 31797B | | Piston & Pin Ass'y. (Std.)(2-5/8")(In cl.16) |
| | 31798B | | Piston & Pin Ass'y. (.010" OS) (Incl. 16) |
| | 31799B | | Piston & Pin Ass'y. (.020" OS) (Incl. 16) |
| | 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 productio n) |
| | 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 |
| | 30684 | | * Gasket, Cylinder cover |
| | 31546 | | Bushing, Crankshaft |
| | 650451 | | Screw, 1/4-20 x 1" |
| | 650599 | | Screw, 1/4-20 x 1-1/2" |
| | 650489 | | Screw, 1/4-20 x 5/8" |
| 31 | 30939A | | Cover, Cylinder head |
| | 28938C | | * Gasket, Cylinder head |
| 33 | 30938A | | Head, Cylinder (Incl. 3 of 36) |
| 34 | 33636 | | Resistor Spark Plug |
| 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) |
| 37 | 650128 | | Screw, 10-24 x 1/2" (Use as required) |
| 37 | 650597 | | Screw, 10-24 x 5/8" (Use as required) |
| | 27896A | | * Gasket, Breather cover |
| | 28423 | | Body, Breather |
| 40 | 28424 | | Element, Breather |
| 41 | 28425 | | Cover, Valve spring |
| 43 | 32447 | | Tube, Breather |
| | www.mymo | W | erparts.com |
| | | | 1 |

| ## Ref. # Part Number City Description ## 5 27915A 5 27915A 5 27915A 6 30195A 6 30195A | | | | |
|--|------------|--------|-----|--|
| 46 30195A 48 30196 48 30196 50 650548 49 29918 50 650548 51 30319 52 3236A 52 3236A 53 62 3236A 54 84 824 x 5/16' 53 30329 54 28916 55 30225 54 28916 55 30225 56 30824 57 30922 57 30922 58 29752 58 29752 59 29752 59 29752 50 600572 51 28266 53 306980 50 600598 50 60 | | | Qty | |
| 48 30196 49 29918 50 650548 51 500548 51 30319 52 32326A 53 30322 54 29916 55 30302 55 30302 56 30302 56 30302 57 30302 58 30302 59 30302 50 30302 | | | | · |
| 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 (Used on early production) 55 30324 Fivet, Split (Used on early production) 56 30924 Fivet, Split (Used on early production) 56 30924 Fivet, Adjusting Fivet, Fivet, Fivet, Fivet, Adjusting Fivet, Fivet, Fivet, Fivet, Adjusting Fivet, Filt, Filt Washing, Filt Washing, Filt Filt, Fi | | | | · , |
| 50 650548 | | | | • |
| Fig. 1 Sign File Sign Claser on early production Sign | | | | |
| Lever, Governor (New lever does not need 1 of Ref #49,51,53,54,132,133) | | | | • |
| #49,51,53,54,132,133) 53 30322 | | | | |
| 53 30322 | 52 | 32326A | | Lever, Governor (New lever does not need 1 of Ref |
| 54 29916 55 30205 56 30824 58 29216 59 29752 50 29752 60 650572 61 29826 62 29642 63 30699C 63 30699B 64 30700 65 650494 65 29673 66 3002 66 3002 67 3002 68 3002 69 3002 69 3002 60 3002 60 3002 60 3002 60 3002 60 3002 60 3003 60 3003 60 3003 60 3003 60 4 | | | | #49,51,53,54,132,133) |
| 54 29916 55 30205 56 30824 58 29216 59 29752 50 29752 60 650572 61 29826 62 29642 63 30699C 63 30699B 64 30700 65 650494 65 29673 66 3002 66 3002 67 3002 68 3002 69 3002 69 3002 60 3002 60 3002 60 3002 60 3002 60 3002 60 3003 60 3003 60 3003 60 3003 60 4 | F 0 | 20222 | | Lock Net 0.00 (Lloc op reguired) |
| 55 30205 56 30824 Link. Throttle 58 29216 59 29752 Nut & Locknut, 10-32 Nut & Lockwasher, 1/4-28 60 650572 5crew, 1/4-28 X 1-1/8' 61 29826 5crew, 10-32 X 3/4' 62 29642 Ring, Retaining 63A 30699C 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 65 650494 66A 34012 Dipstick (Incl. 68) 68 29673 68 29673 69 29747B Screw, 5/16-24 x 2/1/32' 70 32158E Blower Hsg, (For elec.starter)(Incl.1 89,190) Bushing, Crankshaft For 3 3688A Rod Assy, Governor Screw, 5/16-24 x 2/1/32' Screw, 5/16-24 x 2/1/32' Screw, 5/16-24 x 2/1/32' Screw, 5/16-24 x 1-1/8' Rod Assy, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 64 30700 For Assy, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) 65 650494 Screw, 6-40 x 5/16' For 32146 For 32147B For 32148 | | | | · · · · · · · · · · · · · · · · · · · |
| 56 30824 58 29216 Locknut, 10-32 Nut & Lockwasher, 1/4-28 59 29752 Nut & Lockwasher, 1/4-28 50 650572 Screw, 1/4-28 x 1-1/8" 61 29826 Screw, 10-32 x 3/4" 62 29642 Ring, Retaining 63A 30699C Rod Assy, Covernor (Incl. 64 & 65) Rod Assy, Covernor (Incl. 64) Rod Assy, Covernor (Incl. 64) Rod Assy, Covernor (Incl. 64) Rod Assy, Covern | | | | |
| 58 29216 59 29752 Nut & Lockwasher, 1/4-28 60 650572 51 29826 52 58642 52 58642 63 30699C 63 30699B 63 30699B 70 70 80699B 70 80699B 70 80699B 70 80699B 70 80699B 70 80699B 80 8069B 80 8060B 80 8060 | | | | |
| 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, | | | | Link, Throttle |
| 66 650672 61 29826 61 29826 62 29642 63 30699B 63 30699B 64 30700 65 650494 66 34012 66 34012 67 3478 68 34012 68 34012 69 29747B 70 32158E 70 32158E 70 32158E 70 32158E 71 32166 72 31461 73 29336 74 650561 75 31688A 76 550561 77 31688A 78 650561 78 31698 78 31796 78 31796 78 31796 78 31796 79 31796 79 31796 79 31798 79 31798 79 31798 79 31798 79 31798 79 31798 79 31798 79 31798 79 31799 79 31799 79 31799 79 31799 79 31799 79 31799 79 31799 70 31799 70 31799 70 31799 70 31798 70 32158E 70 31799 70 32158E 70 31798 70 32158E 70 31799 70 32158E 70 31799 70 32158E 70 31799 70 32158E 70 31683A 70 31683A 70 31683A 70 31683A 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31796 70 31884 70 31884 70 31884 70 31884 70 31884 70 318843 70 31884 70 32 32 3488 70 32 32 3488 70 32 32 3488 70 32 32 3488 70 32 32 3488 70 32 32 3488 70 32 32 3488 70 32 32 32 3488 70 32 32 32 3488 70 32 32 32 32 32 32 32 3 | 58 | 29216 | | Locknut, 10-32 |
| 61 29864 62 29642 Ring, Retaining 62 29642 Ring, Retaining 63 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 65 650494 Screw, 6-40 x 5/16" Screw, 5/16-24 x 21/32" TO 32158E Blower Hsg, (For elec. starter)(Incl.1 89,190) Bushing, Crankshaft 73 29536 Baffle, Blower housing 74 650561 Screw, 11/4-20 x 5/8" To 31688A Screw, 11/4-20 x 5/8" Screw, 11/4-2 | 59 | 29752 | | Nut & Lockwasher, 1/4-28 |
| 62 29642 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 65 650494 Screw, 6-40 x 5/16" Dipstick (Incl. 68) 68 29673 69 29747B Crasket, Dipstick 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) Bushing, Crankshaft 73 29536 Baffle, Blower housing 74 650561 Screw, 14-20 x 5/8" 75 31688A Rofe Screw, 14-20 x 5/8" 81 30196 Screw, 14-20 x 5/8" 81 30196 Screw, 14-20 x 5/8" 81 30196 Screw, 19-32 x 1/8" (Use as required) 81 28820 Screw, 19-32 x 1/8" (Use as required) 81 28820 Screw, 10-32 x 1/8" (Use as required) 82 27272A Rofe Screw, 10-32 x 1/8" (Use as required) 83 31716 Bracket, Air cleaner Body, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Air Cleaner Assiy. (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 1/8" (Use as required) Screw, 10-32 x 1/8" (Use as required) Screw, 10-32 x 1/8" (Use as required) Fracket, Air cleaner Air Cleaner Air Cleaner Assiy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 98 31342 Compression Spring (Used with 650688 screw) (Use as required) Screw, 10-32 x 1 (Use as required) | 60 | 650572 | | Screw, 1/4-28 x 1-1/8" |
| 62 29642 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 65 650494 Screw, 6-40 x 5/16" Dipstick (Incl. 68) 68 29673 69 29747B Crasket, Dipstick 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) Bushing, Crankshaft 73 29536 Baffle, Blower housing 74 650561 Screw, 14-20 x 5/8" 75 31688A Rofe Screw, 14-20 x 5/8" 81 30196 Screw, 14-20 x 5/8" 81 30196 Screw, 14-20 x 5/8" 81 30196 Screw, 19-32 x 1/8" (Use as required) 81 28820 Screw, 19-32 x 1/8" (Use as required) 81 28820 Screw, 10-32 x 1/8" (Use as required) 82 27272A Rofe Screw, 10-32 x 1/8" (Use as required) 83 31716 Bracket, Air cleaner Body, Air cleaner Bracket, Air cleaner Bracket, Air cleaner Air Cleaner Assiy. (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 1/8" (Use as required) Screw, 10-32 x 1/8" (Use as required) Screw, 10-32 x 1/8" (Use as required) Fracket, Air cleaner Air Cleaner Air Cleaner Assiy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 98 31342 Compression Spring (Used with 650688 screw) (Use as required) Screw, 10-32 x 1 (Use as required) | 61 | 29826 | | Screw, 10-32 x 3/4" |
| 63A 30699B 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 Screw, 6-40 x 5/16" 65 650494 Screw, 6-40 x 5/16" Dipstick (Incl. 68) 8 29673 "Gasket, Dipstick 8 29673 Screw, 5/16-24 x 2/132" 70 32158E Blower Hsg., (For elec. starter) (Incl. 1 89,190) Bushing, Crankshaft 8 28556 Baffle, Blower Housing 74 650561 Screw, 14-20 x 5/8" 8 1 650561 Screw, 14-20 x 5/8" 8 1 28820 Screw, 14-20 x 5/8" 8 1 28820 Screw, 5/16-18 x 3/4" (Use as require d) 8 1 28820 Screw, 5/16-18 x 3/4" (Use as require d) 8 1 28820 Screw, 10-32 x 1/1/8" (Use as require d) 8 2 27272A Gasket, Air cleaner 8 3 31708 Bracket, Air cleaner 8 3 31708 Bracket, Air cleaner 8 3 730127 Air Cleaner Assy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) 9 28569 Compression Spring (Used with 650688 screw) (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 29500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) 9 20500 Screw, 10-32 x 1/1 (Use as required) | | | | • |
| Rod Assy, Governor (This one piece gov. rod is no longer used. It is replaced by 30699C assy., Ref.#63A) | | | | |
| used. It is replaced by 30699C assy., Ref.#63A) 64 30700 65 650494 66A 34012 Dipstick (Incl. 68) 68 29673 " Gasket, Dipstick 69 29747B 70 32158E Blower Hsg., (For elec.starter)(Incl.1 89,190) Bushing, Crankshaft 29836 Baffle, Blower housing 74 650561 Screw, 161-81x 3/4" (Use as required) 81A 650152 Screw, 516-18 x 3/4" (Use as required) 81 28820 Screw, 161-82 x 11/8" 82 27272A 83 31708 85 31715 89 730127 Air Cleaner 89 32924 Compression Spring (Used with 650688 screw) (Use as required) 98 28569 Compression Spring (Used with 650688 screw) (Use as required) 99 29500 Screw, 19-32 x 3/4" (Use as required) Screw, 19-32 x 1/2" Compression Spring (Used with 650688 screw) (Use as required) 99 650688 Screw, 19-32 x 3/4" (Use as required) Screw, 19-32 x 1/2" Air Cleaner Body, Air cleaner Compression Spring (Used with 650688 screw) (Use as required) Screw, 19-32 x 1/2" Air Cleaner Assiy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) Screw, 19-32 x 1/2" Air Cleaner Assiy. (Incl. 81,81A,82,83,84,85,90G & 298B) (Use as required) Screw, 19-32 x 1/2" Bission Spring (Used with 650688 screw) (Use as required) Screw, 19-32 x 1/2" Bission Spring (Use as required) Screw, 19-32 x 1/2" Bission Spring (Use as required) Screw, 19-32 x 1/2" Bission Spring (Use as required) Screw, 19-32 x 1/2" Bission Spring (Use as required) Screw, 19-32 x 1/2" Bission Spring (Use as required) Bission Spring (Use Avith 650649 Screw) Bission Spring (Use Avith 650649 Screw, 5-40 x 7/16" (Use as required) Bission Spring (Use Avith 650649 Screw, 5-40 x 7/16" (Use as required) Bission Spring (Use Avith 650649 Screw, 5-40 x 7/16" (Use as required) Bission Spring (Use Avith 650649 Screw, 5-40 x 7/16" (Use as required) Bission Spring (Use Avith 650649 Screw) Bission Spring (Use Avith 650649 Screw | | | | · |
| 64 30700 65 650494 66A 34012 66B 34012 67 | 00 | 000000 | | |
| 66 650494 66A 34012 | | | | used. It is replaced by 500990 assy., INel.#00/1/ |
| 66A 34012 68 29673 68 29747B 69 29747B 70 32158E 71 31461 72 31461 73 29536 86 29673 86 29673 87 | 64 | 30700 | | Yoke, Governor |
| 66A 34012 68 29673 69 29747B | 65 | 650494 | | Screw, 6-40 x 5/16" |
| 68 29673 69 29747B Screw, 5/16-24 x 21/32" 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 8ushing, Crankshaft 8ushing | 66A | 34012 | | |
| 69 29747B 70 32158E 81 Blower Hsg. (For elec.starter)(Incl.1 89,190) 82 9536 83 1461 84 Bushing, Crankshaft 85 Bushing, Crankshaft 860561 85 Screw, 1/4-20 x 5/8" 86 50561 86 Screw, 1/4-20 x 5/8" 86 75 31688A 81A 650152 81 30196 81 28820 81 28820 81 28820 81 650521 82 27272A 83 31708 85 31715 89 730127 89 730127 89 28569 80 Compression Spring (Used with 29500 screw)(Use as required) 80 | | | | · |
| 70 32158E Blower Hsg. (For elec.starter)(Incl.1 89,190) 72 31461 Bushing, Crankshaft 73 29536 Baffle, Blower Housing 74 650561 Screw, 1/4-20 x 5/8" 75 31688A *Carburetor 81A 650152 Screw, 8-32 x 3/8" 81 30196 Screw, 10-32 x 1/2" (Use as require d) 81 2882.0 Screw, 10-32 x 1/2" (Use as require d) 81 2882.0 Screw, 10-32 x 1/2" (Use as require d) 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) 88 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 650649 screw) (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 90 650649 Screw, 5-40 x 7/16" (Use as required) 91 29500 Screw, 5-40 x 7/16" (Use as required) 99 650688 Screw, 10-32 x 1 (Use as required) 99 650689 Screw, 5-40 x 7/16" (Use as required) 90 850649 Screw, 10-32 x 1 (Use as required) 91 20 30884 Key, Flywheel 92 31845 Shaft, Mechanical governor 93 Washer, Flat | | | | |
| 72 31461 73 29536 | | | | |
| Baffle, Blower housing Screw, 1/4-20 x 5/8" Fossion Screw, 1/6-18 x 3/4" Screw, 1/6-32 x 1-1/8" Screw, 1/6 | | | | |
| Screw, 1/4-20 x 5/8" 75 31688A | | | | <u> </u> |
| * Gasket, Carburetor 81A 650152 81 30196 81 28820 81 28820 81 650521 81 650521 81 650521 81 650521 82 27272A 83 31708 85 31715 86 31715 87 30127 89 28569 * Compression Spring (Used with 650688 screw) (Use as required) * Compression Spring (Used with 650549 screw) (Use as required) * Compression Spring (Used with 650549 screw) (Use as required) * 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) * Screw, 5/16-1/16" (Use as required) * Screw, 5/16-1/16" (Use as required) * Screw, 5/16-1/16" (Use as required) * Screw, 10-32 x 1 (Use as required) * Screw, 5/16-1/16" (Use as required) * Screw, 5/16-1/16" (Use as required) * Screw, 10-32 x 1 (Use as required) | | | | |
| 81A 650152 Screw, 8-32 x 3/8" 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) 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 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 650649 Screw, 5-40 x 7/16" (Use as required) 101 650625 Washer, Thrust 102 30884 Key, Flywheel 103 31843A Bracket, Governor gear 105 31845 Screw, 10-24 x 1/2" 106 30590A Washer, Flat | | | | |
| 81 30196 81 28820 81 28820 82 5crew, 10-32 x 1/2" (Use as required) 82 27272A 83 31708 85 31715 89 730127 89 28569 80 Compression Spring (Used with 650688 screw) (Use as required) 80 31342 81 31342 82 27272A 83 31708 84 28569 85 31715 86 28569 86 28569 87 20127 88 32924 89 32924 80 20127 80 20127 81 20127 81 20127 82 27272A 83 31708 84 28569 85 28569 86 27272A 87 27167 88 28569 89 28569 80 27272A 80 27167 80 27167 80 27167 80 27167 80 27167 80 27167 80 27167 80 27167 80 27167 81 27167 | | | | · |
| 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 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) 101 650625 Washer, Thrust 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) 82 27272A * Gasket, Air cleaner 83 31708 Bracket, 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) 101 650625 Washer, Thrust 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 | | | | |
| 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) 101 650625 Washer, Thrust 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 | | | | |
| 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) 101 650625 Washer, Thrust 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 | | | | |
| 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) 101 650625 Washer, Thrust 102 30884 Key, Flywheel 103 31843A Bracket, Governor gear 104 650836 Screw, 10-24 x 1/2" 105 31845 Shaft, Mechanical governor Washer, Flat | | | | · |
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| Compression Spring (Used with 29500 screw)(Use as required) 32924 Compression Spring (Used with 650688 screw) (Use as required) 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) Washer, Thrust Key, Flywheel Bracket, Governor gear Screw, 10-24 x 1/2" Shaft, Mechanical governor Washer, Flat | 89 | 730127 | | Air Cleaner Ass'y. (Incl. 81,81A,82,83,84,85,90G & 298B) |
| 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) 101 650625 Washer, Thrust 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 | | | | (Use as required) |
| 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) 101 650625 Washer, Thrust 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 | 20560 | | Compression Caring (Llead with 20500 corew)/Llea co |
| 298 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) 101 650625 Washer, Thrust 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 | 90 | 20009 | | , |
| 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 Washer, Thrust 94 Key, Flywheel 95 31843A 96 Bracket, Governor gear 96 Screw, 10-24 x 1/2" 97 Screw, 10-24 x 1/2" 98 Screw, 10-24 x 1/2" 98 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 90 Screw, 10-24 x 1/2" | | | | 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 Washer, Thrust 94 Key, Flywheel 95 31843A 96 Bracket, Governor gear 96 Screw, 10-24 x 1/2" 97 Screw, 10-24 x 1/2" 98 Screw, 10-24 x 1/2" 98 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 99 Screw, 10-24 x 1/2" 90 Screw, 10-24 x 1/2" | 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) 101 650625 Washer, Thrust 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 | | | | |
| 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) 101 650625 Washer, Thrust 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) 101 650625 Washer, Thrust 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 | | · · · · · · · · · · · · · · · · · · · |
| 99 650688 Screw, 10-32 x 1 (Use as required) 99 650549 Screw, 5-40 x 7/16" (Use as required) 101 650625 Washer, Thrust 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 | | | | required) |
| 99 650688 Screw, 10-32 x 1 (Use as required) 99 650549 Screw, 5-40 x 7/16" (Use as required) 101 650625 Washer, Thrust 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 | 20500 | | Sorow 8-32 v 3/4" (Lleo as required) |
| 99 650549 Screw, 5-40 x 7/16" (Use as required) 101 650625 Washer, Thrust 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 | | | | |
| 101 650625 Washer, Thrust 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) | 106 | 30590A | | |
| | 107 | 30591 | | Gear Assy., Governor (Incl. 106) |

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| | | Qty | Description |
|-----|---------|-----|---|
| | 30588A | | Spool, Governor |
| | 29193 | | Ring, Retaining |
| 113 | 30063 | | Screw, 1/4-20 x 1/2" |
| 115 | 410144B | | Fuel Cap (White Plastic)(Standard)(As req.) |
| 115 | 33032 | | Fuel Cap (Red Plastic) (Spurt Resistant, Low Profile) (Use as |
| | | | required) |
| | 0.40.40 | | • , |
| 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 required) |
| | 26460 | | Clamp, Fuel line (Use as required) |
| | 32401 | | Muffler |
| | | | |
| | 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 | | Screw, 8-32 x 1/2" (Early production) |
| 144 | 650542 | | Screw, 5/16-18 x 3/4" |
| 146 | 29538 | | Base, Engine mounting |
| 147 | 650128 | | Screw, 10-24 x 1/2" |
| 148 | 30622A | | Extension, Blower housing |
| 186 | 27275 | | Clip, Wire (Use as required) |
| | 29443 | | Clip, Fuel line (Use as required) |
| | 27276 | | Cover, Spark Plug |
| | 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) |
| | 31517 | | Decal, H.P. (5 H.P.) (Use as required) |
| | 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. |
| | 631824 | | Carburetor (Incl. 75 & 301) (Refer to Division 5, Section A, |
| | | | page 206for breakdown) |
| 204 | 6106804 | | , |
| 304 | 610689A | | Magneto (Refer to Division 5, Section B, page 24 for breakdown) |
| 000 | F00.400 | | , |
| 306 | 590420 | | Rewind Starter (Refer to Division 5, Section C, page 25 for |
| | | | breakdown) |
| 310 | 33235A | | * Gasket Set (Incl. items marked *) |

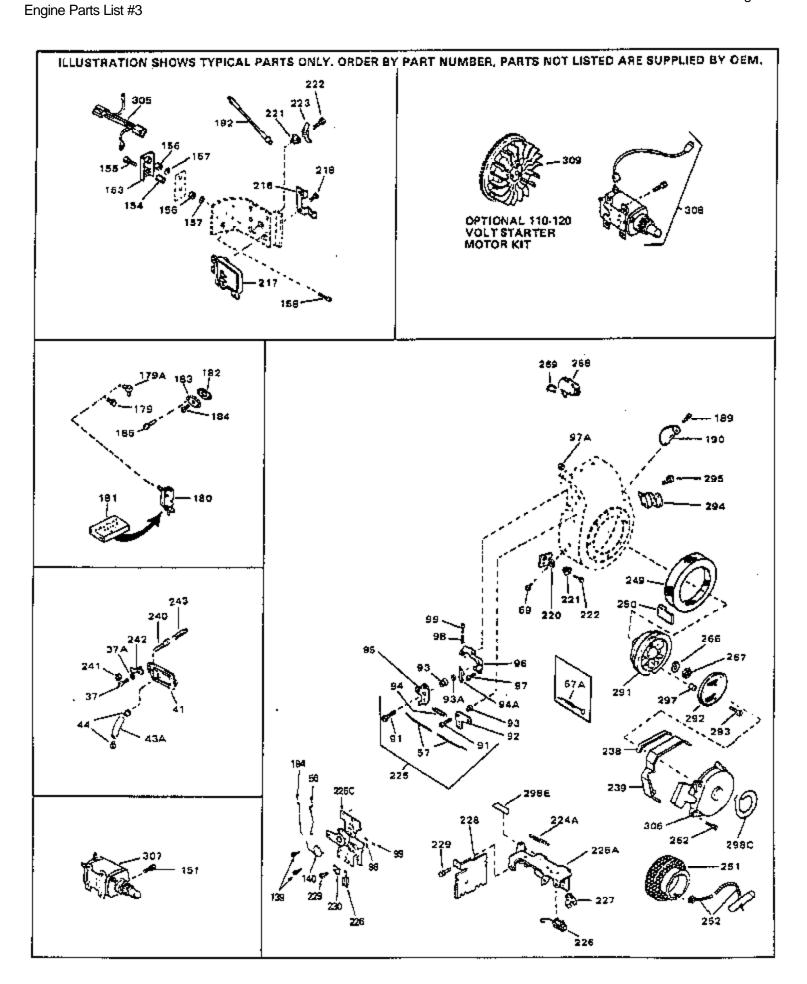


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Engine Parts List #2

| 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 required) |
| 36 | 650695A | | Screw, 5/16-18 x 2-1/4" (Use as required) |
| 36 | 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.) |
| | 730128 | | Air Cleaner Ass'y. (Incl. 82,90A,90B,90D thru 90G,97 & |
| 007 (| .00.20 | | 298B) (Use as req.) |
| = | | | , |
| | 34823 | | Bracket, Lower fuel tank |
| | 31977 | | Fuel Tank (Incl. 115) |
| | 28584 | | Fitting, Fuel strainer & elbow |
| 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 required) |
| | 650697A | | Screw, 5/16-18 x 2-1/2" (Use as required) |
| | 30196 | | Screw, 5/16-18 x 3/4" (Use as require d) |
| | 29212 | | Screw, 1/4-28 x 7/16" |
| | 650570 | | Washer, Flat |
| | 31979 | | Strap, Fuel tank |
| | 650451 | | Screw, 1/4-20 x 1" |
| | 650456 | | Nut, 1/4-20 |
| | 34819 | | Air Cleaner Elbow (Incl.44,76,78,83A,86A,100)(Use in |
| 233 | ਮ ਹਾੜ | | |
| | | | 730561 ass'y. only) |
| 234 | 730561 | | Air Cleaner Kit |
| | | | (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.) |
| 272 | 650697 | | Scrow 10.22 v 5/16" (Lico as required.) |
| 2/3 | 650687 | | Screw, 10-32 x 5/16" (Use as required) |



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| | Part Number | Qty | 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 |
| | 32446 | | Grommet, Breather tube |
| | 30824 | | Link, Throttle |
| | 29747B | | Screw, 5/16-24 x 21/32" |
| 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) |
| 182 | 32683A | | Gasket, Fuel pump cover (Use as requi red) |
| 183 | 32955 | | Cover, Fuel pump pad (Use as required) |
| 184 | 9556 | | Plug, Pipe 1/8-27 (Use as required) |
| 185 | 30063 | | Screw, 1/4-20 x 1/2" (Use as required) |
| 224A | 30826 | | Spring, Extension |
| 225 | 730152 | | Control Bracket(Incl.91 thru 97)(As r eq.) |
| 225A | 33110A | | Control Bracket (Incl. 224A & 226) |
| 226 | 610973 | | Terminal Assy. |
| 227 | 33177 | | Terminal (Use as required) |
| 229 | 28942 | | Screw, 10-32 x 3/8" |
| 230 | 27793 | | Clip, Conduit |
| 262 | 29716 | | Screw, 1/4-28 x 7/16" |
| 266 | 650815 | | Washer, Belleville |
| 267 | 8116 | | Nut, Hex |
| 305 | 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.) |