

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| 1 | 33674B | | Cylinder (Incl. 2, 3 & 4) (2-13/16" B ore) |
| 2 | 26727 | | Pin, Dowel |
| 3 | 27642 | | Oil Drain Plug |
| 4 | 32600 | | Seal, Oil |
| 5 | 32644A | | Intake Valve (Std.) (Incl. 9) |
| 5 | 32645A | | Intake Valve (1/32" OS) (Incl. 9) |
| 6 | 29313C | | Exhaust Valve (Std.) (Incl. 9) |
| 6 | 29315C | | Exhaust Valve (1/32" OS) (Incl. 9) |
| 8 | 31672 | | Spring, Valve |
| 9 | 31673 | | Cap, Lower valve spring |
| 10 | 610951 | | Key, Flywheel |
| 11 | 33677A | | Crankshaft |
| 12 | 32323 | | Washer, Thrust |
| 13 | 33876 | | Gasket, Stator |
| 14A | 33562B | | Piston & Pin Ass'y.(Std.)(Incl.16)(2- 13/16") |
| 14A | 33563B | | Piston & Pin Ass'y. (.010" OS) (Incl. 16) |
| 14A | 33564B | | Piston & Pin Ass'y. (.020" OS) (Incl. 16) |
| 14 | 34535 | | Piston, Pin & Ring Set (Std.) (2-13/1 6" Bore) |
| 14 | 34536 | | Piston, Pin & Ring Set (.010" OS) |
| 14 | 34537 | | Piston, Pin & Ring Set (.020" OS) |
| 15 | 33567 | | Ring Set (Std.) (2-13/16" Bore) |
| 15 | 33568 | | Ring Set (.010" OS) |
| 15 | 33569 | | Ring Set (.020" OS) |
| 16 | 20381 | | Ring, Piston pin retaining |
| 17 | 32875 | | Rod Assy., Connecting (Incl. 18 & 20) |
| 18 | 32610A | | Bolt, Connecting Rod |
| 20 | 32654 | | Dipper, Oil |
| 21 | 27241 | | Lifter, Valve |
| 22 | 33696 | | Camshaft (Extended) |
| 23 | 32766A | | Cover, Cylinder (Incl. 24, 24A, 30, 3 1 & 106) |
| 24A | 30318 | | Seal, Oil |
| 24 | 27897 | | Seal, Oil |
| 28 | 27677A | | * Gasket, Cylinder cover |
| 29 | 650451 | | Screw, 1/4-20 x 1" (Use as required) |
| 29 | 650488 | | Screw, 1/4-20 x 1-1/4" (Use as requir ed) |
| 30 | 27625 | | Plug, Oil filler (Incl. 31) |
| 31 | 29673 | | * Gasket, Oil fill plug |
| 32 | 33554A | | Gasket, Cylinder head |
| 33 | 33016A | | Head, Cylinder(Incl. 35) |
| 34 | 26073 | | Washer (Not used on late production) |
| 34 | 650691 | | Washer (Use as required) |
| 35 | 650694A | | Screw, 5/16-18 x 2" (Use as required) |
| 35 | 650818 | | Screw, 5/16-18 x 1-1/2" (Use as requi red) |
| 35 | 650865 | | Screw, 5/16-18 x 2" (Use as required) |
| 36 | 6021A | | Screw, 5/16-18 x 1-1/2" (As req;not w /650691) |
| 37 | 34251 | | Resistor Spark Plug (RJ-17LM) |
| 38 | 31619A | | * Gasket, Breather |
| 39A | 31337A | | Breather Ass'y. (Incl. 38 & 40) |
| 40 | 31410 | | Element, Breather |
| 45 | 650128 | | Screw, 10-24 x 1/2" |
| 46 | 33673A | | * Gasket, Intake (1/32" thick) |
| 47 | 33691 | | Pipe, Intake |
| 48 | 650664 | | Screw, 1/4-20 x 1-19/32" |
| 59 | 32698 | | Link, Governor-to-throttle |
| 60 | 32871 | | Lever, Governor |
| 63A | 31334 | | Rod, Governor (Incl. 67) |
| 64 | 33342 | | Baffle, Blower housing |
| 65 | 650561 | | Screw, 1/4-20 x 5/8" |

| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| 66 | 29752 | | Nut & Lockwasher Assy., 1/4-28 (As required) |
| 66 | | | Pop Rivet (Purchase locally)(Use as required) |
| 67 | 28277 | | Washer, Flat |
| 68 | 650168 | | Washer, Flat |
| 69 | 29212 | | Screw, 1/4-28 x 7/16" |
| 70 | 33663C | | Blower Housing (For electric starter) NOTE: In original production some starters are riveted to the blower housing. Replacement housing has threaded studs. Order four nuts (29752) for remounting of starter. |
| 77 | 34212 | | Bracket, Holddown |
| 78 | 30200 | | Screw, 10-24 x 9/16" |
| 81 | 29752 | | Nut & Lockwasher Assy., 1/4-28 |
| 82 | 33341 | | Extension, Baffle |
| 83 | 650701 | | Screw, 8-18 x 7/16" |
| 84 | 6201 | | Screw, 1/4-28 x 7/8" |
| 85 | 650870 | | Screw, 1/4-28 x 1-11/16" |
| 86 | 28212 | | Spacer |
| 87 | 26756 | | * Gasket, Carburetor |
| 94 | 28820 | | Screw, 10-32 x 1/2" |
| 95 | 33344 | | Baffle, Heat |
| 96 | 30968 | | Nipple, Oil drain |
| 97 | 30969 | | Cap, Oil drain |
| 98 | 610609 | | Ground Wire |
| 100 | 730127 | | Air Cleaner Ass'y. (Incl.76,76A,90A,91A,92,93,94, & 221A)(Use as required) |
| 105 | 30590A | | Washer, Flat |
| 106 | 30574 | | Shaft, Mechanical governor |
| 107 | 30591 | | Gear Assy.,Governor (Incl. 105) |
| 108 | 30588A | | Spool Governor |
| 109 | 29193 | | Ring, Retaining |
| 111 | 28371B | | Fuel Tank Bracket |
| 112 | 32762 | | Fuel Tank Bracket |
| 113A | 650675 | | Washer, Flat |
| 113 | 650805 | | Screw, 1/4-20 x 11/16" |
| 114 | 34711 | | Fuel Tank (Incl. 115 & 123) |
| 115 | 410144B | | Fuel Cap (Std.)(Wh.Plastic)(1-1/2" I. D.) |
| 115 | 33032 | | Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, Low profile) |
| 115 | 34210 | | Fuel Cap (Red Plastic)(1-3/16" I.D.) (Spurt resistant, High profile) |
| 116 | 650665 | | Screw, 1/4-15 x 7/8" |
| 118 | 30962 | | Line, Fuel (Braided 32") |
| 118 | 29774 | | Line, Fuel (Braided 8.25") |
| 118 | 30795 | | Line, Fuel (Braided 16") |
| 119 | 28819 | | Spring, Fuel line (Use as required) |
| 121 | 29745 | | Extension, Blower housing |
| 122 | 650128 | | Screw, 10-24 x 1/2" |
| 123 | 26460 | | Clamp, Fuel line (Use as required) |
| 129 | 650489 | | Screw, 1/4-20 x 5/8" |
| 130 | 610118 | | Cover, Spark plug |
| 138 | 32180C | | Line, Primer |
| 139 | 33670A | | * Gasket, Muffler |
| 140 | 650327 | | Screw, 1/4-20 x 2-1/2" |
| 140 | 30063 | | Screw, 1/4-20 x 1/2" (Use as required) |
| 140D | 26073 | | Washer, flat |
| 140C | 650628A | | 5/16-18 x 2-3/8" |

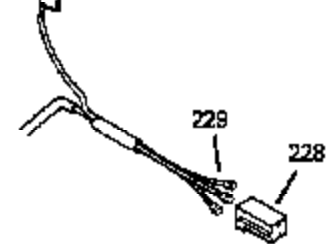
| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 141 | 33697A | | Muffler (Front Discharge) |
| 161A | 27275 | | Clip, Wire retaining |
| 180 | 34126 | | Bracket, Grommet mounting |
| 182 | 28545 | | Grommet, Plastic |
| 183 | 650760 | | Screw, 8-32 x 3/8" |
| 196A | 31335 | | Clamp, Governor lever |
| 197 | 650548 | | Screw, 8-32 x 5/16" |
| 201 | 610973 | | Terminal Assy. (Use as required) |
| 203 | 33858A | | Control Bracket(Incl.201,204,205,206, 207) |
| 204 | 650139 | | Screw, 8-32 x 1/2" (Use as required) |
| 204 | 650152 | | Screw, 8-32 x 3/8" (Use as required) |
| 204 | 30200 | | Screw, 10-24 9/16" (Use as required) |
| 205 | 30322 | | Nut & Lockwasher (Use as required) |
| 206 | 650688 | | Screw, 10-32 x 1" (Used on early production) |
| 206 | 650549 | | Screw, 5-40 x 7/16" (Used on late production) |
| 207 | 32924 | | Compression Spring (Used on early production) |
| 207 | 31342 | | Compression Spring (Used on late production) |
| 211 | 31426 | | Spring, Extension |
| 212 | 32410 | | Knob, Speed control |
| 213 | 650815 | | Washer, Belleville |
| 214 | 650607 | | Nut, Flywheel |
| 215 | 32576 | | Seal, Snow guard |
| 216 | 34127 | | Guard, Starter |
| 217 | 33668 | | Screen, Starter |
| 218 | 33667 | | Cup, Starter |
| 221 | 34080 | | Spacer, Flywheel key |
| 222 | 650872 | | Stud, Solid State Assy. |
| 243 | 631021 | | Inlet Needle, Seat & Clip Assy. |
| 244 | 632107 | | Carburetor (Incl. 87) (Refer to Division 5, Section A, page 168 for breakdown) |
| 245 | 610944A | | 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 partslist. (Refer to Division 5, Section B, page 35 for breakdown. |
| 246 | 590473 | | Rewind Starter (Refer to Division 5, Section C, page 29 for breakdown) |
| 249 | 33683B | | * Gasket Set (Incl. items marked *) |

| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 13 | 33876 | | Gasket, Stator |
| 49 | 34134 | | Cover, Carburetor |
| 52 | 33333 | | Bracket, Carburetor cover |
| 53 | 650257 | | Screw, 8-32 x 5/16" |
| 54 | 650732 | | Screw, 10-24 x 3/8" |
| 94 | 28820 | | Screw, 10-32 x 1/2" |
| 100A | 730164 | | Air Cleaner Ass'y. (Incl. 76, 90, 91, 92, 93, 94, & 221B) (Use as required) |
| 111 | 28371B | | Fuel Tank Bracket |
| 113A | 650675 | | Washer, Flat |
| 131 | 34582 | | Rod, Choke |
| 132 | 34583 | | Bracket, Choke |
| 133 | 35438 | | Knob, Choke |
| 134A | 570629A | | Primer Assy. |
| 138 | 32180C | | Line, Primer |
| 139 | 33670A | | * Gasket, Muffler |
| 140 | 650327 | | Screw, 1/4-20 x 2-1/2" |
| 140 | 30063 | | Screw, 1/4-20 x 1/2" (Use as required) |
| 141D | 391026 | | Muffler (Incl. 143, 144 & 145) (This spark arrester muffler can be used on any model.) |
| 157 | 730165 | | Muff.Adapter Kit (Incl.139,140)(As re quired) |
| 201 | 610973 | | Terminal Assy. (Use as required) |
| 245 | 610944A | | 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 partslist. (Refer to Division 5, Section B, page 35 for breakdown. |

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OPTIONAL 110-120
 VOLT STARTER
 MOTOR KIT
 (SEE NOTE 2 AT END OF THE SECTION)



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|--|
| | 13 33876 | | Gasket, Stator |
| | 34 26073 | | Washer (Not used on late production) |
| | 34 650691 | | Washer (Use as required) |
| | 38 31619A | | * Gasket, Breather |
| | 40 31410 | | Element, Breather |
| | 45 650128 | | Screw, 10-24 x 1/2" |
| | 197 650548 | | Screw, 8-32 x 5/16" |
| | 219 34788 | | Pulley, Starter rope |
| | 225 35189 | | Spacer, Coil Assy. |
| | 241 30547A | | Contact Assy., Breaker |
| | 242 30548B | | Condenser |
| | 245 610944A | | 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 partslist. (Refer to Division 5, Section B, page 35 for breakdown. |
| | 247 33290D | | Starter Motor Kit (110-120 Volt) This 110-120 volt starter motor kit may have been added to this engine. It can be added only if cylinder has drilled and tapped starter mounting bosses and a ring gear flywheel. Refer to service number stamped on end cap of motor, or on decal, for identification. Ref |