



| Ref # | Part Number | Qty | Description |
|-------|-------------|-----|---|
| 1 | 34919B | 1 | Cylinder (Incl. 2, 20 & 72) |
| 2 | 27652 | 2 | Dowel Pin |
| 4 | 30968 | 1 | Oil Drain Extension |
| 5 | 30969 | 1 | Extension Cap |
| 15A | 30700 | 1 | Governor Yoke |
| 15 | 30699C | 1 | Governor Rod (Incl. 15A & 15B) |
| 15B | 650494 | 1 | Screw, 6-40 x 5/16" |
| 16 | 33454 | 1 | Governor Lever |
| 17 | 29916 | 1 | Governor Lever Clamp |
| 18 | 650548 | 1 | Screw, 8-32 x 5/16" |
| 19 | 34663 | 1 | Speed Control Spring |
| 20 | 32630 | 1 | Oil Seal |
| 25 | 36460 | 1 | Blower Housing Baffle |
| 26 | 650561 | 2 | Screw, 1/4-20 x 5/8" |
| 28 | 30322 | 1 | Lock Nut, 8-32 |
| 30 | 35193 | 1 | Crankshaft |
| 35 | 29826 | 1 | Screw, 10-32 x 3/4" |
| 36 | 29918 | 1 | Lock Washer |
| 37 | 29216 | 1 | Lock Nut, 10-32 |
| 38 | 29642 | 1 | Retaining Ring |
| 40 | 34531 | 1 | Piston, Pin & Ring Set (Std.) |
| 40 | 34532 | 1 | Piston, Pin & Ring Set (.010" OS) |
| 40 | 34533 | 1 | Piston, Pin & Ring Set (.020" OS) |
| 41 | 33312B | 1 | Piston & Pin Ass'y. (Std.) (Incl. 43) |
| 41 | 33313B | 1 | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41 | 33314B | 1 | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42 | 34854 | 1 | Ring Set (Std.) |
| 42 | 34855 | 1 | Ring Set (.010" OS) |
| 42 | 34856 | 1 | Ring Set (.020" OS) |
| 43 | 27888 | 2 | Piston Pin Retaining Ring |
| 45 | 31380C | 1 | Connecting Rod Ass'y. (Incl. 46) |
| 46 | 650662C | 2 | Connecting Rod Bolt |
| 48 | 34034 | 2 | Valve Lifter |
| 50 | 33931 | 1 | Camshaft (MCR) |
| 60 | 30622A | 1 | Blower Housing Extension |
| 61 | 34126 | 1 | Grommet Mounting Bracket |
| 62 | 650760 | 1 | Screw, 8-32 x 3/8" |
| 63 | 28545 | 1 | Grommet |
| 65 | 650128 | 1 | Screw, 10-24 x 1/2" |
| 69 | 30684 | 1 | * Cylinder Cover Gasket |
| 70 | 31720A | 1 | Cylinder Cover (Incl. 71,75, 76 & 80) |
| 71 | 31546 | 1 | Crankshaft Bushing |
| 72 | 27642 | 1 | Oil Drain Plug |
| 75 | 28427 | 1 | Oil Seal |
| 76 | 28926 | 1 | Camshaft Seal |
| 80 | 31845 | 1 | Governor Shaft |
| 81 | 30590A | 1 | Washer |
| 82 | 30591 | 1 | Governor Gear Ass'y. |
| 83 | 30588A | 1 | Governor Spool |
| 84 | 29193 | 1 | Retaining Ring |
| 86 | 650488 | 7 | Screw, 1/4-20 x 1-1/4" |
| 87 | 650493 | 1 | Screw, 1/4-20 x 1-3/4" |
| 89 | 32589 | 1 | Flywheel Key |
| 90 | 611085 | 1 | Flywheel |
| 92 | 650815 | 1 | Belleville Washer |
| 93 | 8116 | 1 | Flywheel Nut |
| 100 | 34443A | 1 | Solid State Ignition |
| 101 | 610118 | 1 | Spark Plug Cover |

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|-------|-------------|-----|---|
| 102 | 650872 | 2 | Solid State Mounting Stud |
| 103 | 651007 | 2 | Screw, Torx T-15, 10-24 x 15/16" |
| 110 | 35253 | 1 | Ground Wire |
| 110A | 35305 | 1 | Ground Wire (9.440") |
| 119 | 36445 | 1 | * Cylinder Head Gasket |
| 120 | 36446 | 1 | Cylinder Head (Incl. 3 of 131) |
| 125 | 27878A | 1 | Exhaust Valve (Std.) (Incl. 151) |
| 125 | 27880A | 1 | Exhaust Valve (1/32" OS) (Incl. 151) |
| 126 | 32783 | 1 | Intake Valve (Std.) (Incl. 151) |
| 126 | 32784 | 1 | Intake Valve (1/32" OS) (Incl. 151) |
| 127 | 650691 | 3 | Washer |
| 128 | 650690 | 3 | Belleville Washer |
| 129 | 650697A | 2 | Screw, 5/16-18 x 2-1/2" |
| 130 | 650697A | 8 | Screw, 5/16-18 x 2-1/2" |
| 131 | 650697A | 3 | Screw, 5/16-18 x 2-1/2" |
| 135 | 35395 | 1 | Resistor Spark Plug (RJ19LM) |
| 139 | 31843A | 1 | Governor Gear Bracket |
| 140 | 650965 | 2 | Screw, Torx T-25, 10-24 x 1/2" |
| 149 | 27882 | 2 | Valve Spring Cap |
| 150 | 27881 | 2 | Valve Spring |
| 151 | 32581 | 2 | Valve Spring Keeper |
| 169 | 27896A | 2 | * Valve Cover Gasket |
| 170 | 28423 | 1 | Breather Body |
| 171 | 28424 | 1 | Breather Element |
| 172 | 28425 | 1 | Valve Cover |
| 173 | 35350 | 1 | Breather Tube |
| 174 | 650128 | 2 | Screw, 10-24 x 1/2" |
| 182 | 650517 | 2 | Screw, 1/4-20 x 27/32" |
| 183 | 32398 | 1 | Choke Bracket |
| 184 | 31688A | 1 | * Carburetor To Intake Pipe Gasket |
| 186 | 34661 | 1 | Governor Link |
| 200 | 34677 | 1 | Control Bracket (Incl. 19,203,204&206) |
| 203 | 31342 | 1 | Compression Spring |
| 204 | 650549 | 1 | Screw, 5-40 x 7/16" |
| 206 | 610973 | 1 | Terminal |
| 207 | 34662 | 1 | Throttle Link |
| 209 | 650821 | 2 | Screw, 10-32 x 1/2" |
| 215 | 35440 | 1 | Control Knob |
| 220 | 35439 | 1 | Control Knob |
| 222 | 28820 | 2 | Screw, 10-32 x 1/2" |
| 224 | 27915A | 1 | * Intake Pipe Gasket |
| 260 | 35755 | 1 | Blower Housing |
| 262 | 29747B | 2 | Screw, Torx T-40, 5/16-24 x 21/32" |
| 264A | 30196 | 1 | Screw, 5/16-18 x 3/4" |
| 265 | 30939A | 1 | Cylinder Head Cover |
| 269 | 35865 | 1 | * Exhaust Manifold Gasket |
| 272 | 30196 | 2 | Screw, 5/16-18 x 3/4" |
| 273 | 34712 | 1 | Carburetor Flange |
| 275 | 32401 | 1 | Muffler |
| 277 | 650694A | 1 | Screw, 5/16-18 x 2" |
| 279B | 26073 | 1 | Washer |
| 281 | 33013 | 1 | Starter Bubble Cover |
| 282 | 650760 | 1 | Screw, 8-32 x 3/8" |
| 285 | 35287A | 1 | Starter Cup |
| 287 | 650926 | 3 | Screw, 8-32 x 21/64" |
| 290 | 29774 | 1 | Fuel Line |
| 291 | 30962 | 1 | Fuel Line |
| 292 | 26460 | 4 | Fuel Line Clamp |

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|-------|-------------|-----|--|
| 295 | 35857 | 1 | Fuel Shut-Off Valve |
| 298 | 650665 | 2 | Screw, 1/4-15 x 3/4" |
| 299 | 650764 | 1 | "U" Type Nut |
| 300 | 34186A | 1 | Fuel Tank (Incl. 292 & 301) |
| 301 | 36246 | 1 | Fuel Cap |
| 305 | 35554 | 1 | Oil Fill Tube |
| 307 | 35499 | 1 | "O" Ring |
| 308 | 35540 | 1 | Fill Tube Clip |
| 310 | 36205 | 1 | Dipstick |
| 325 | 29443 | 1 | Wire Clip |
| 328 | 35062 | 2 | Ignition Key |
| 329 | 610973 | 1 | Terminal |
| 334 | 650257 | 2 | Screw, 8-32 x 5/16" |
| 335 | 35060 | 1 | Carburetor Cover |
| 336 | 650765 | 1 | Screw, 10-32 x 1/2" |
| 338 | 650760 | 1 | Screw, 8-32 x 3/8" |
| 340 | 34159 | 1 | Fuel Tank Bracket |
| 341 | 34158 | 1 | Fuel Tank Bracket |
| 342 | 650561 | 1 | Screw, 1/4-20 x 5/8" |
| 350 | 570682 | 1 | Primer Ass'y. |
| 351 | 32180C | 1 | Primer Line |
| 355 | 590574 | 1 | Starter Handle |
| 370A | 35063 | 1 | Instruction Decal |
| 370D | 34418 | 1 | Choke Decal |
| 370C | 36501 | 1 | Primer Decal |
| 370B | 34414 | 1 | Warning Decal |
| 370 | 36261 | 1 | Instruction Decal |
| 370K | 36695 | 1 | Starter Decal |
| 380 | 632379A | 1 | Carburetor (Incl. 184) |
| 390 | 590707 | 1 | Rewind Starter (Note: This engine could have been built with 590742 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin number 518). |
| 396 | 33328D | 1 | Electric Starter Motor (Optional) |
| 400 | 33235A | 1 | * Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27272A (2), 27896A (2), 27913A (1), 27915A (2), 28938C (1), 29673 (1), 30684 (1), 31688A (1), 33355A (1), 35865 (1) |
| 420 | 730226 | 1 | SAE 5W30 4-Cycle Engine Oil (Quart) |
| 453 | 29538 | 1 | Engine Mounting Base |
| 454 | 650542 | 4 | Screw, 5/16-18 x 3/4" |