



## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                  |
|-------|-------------|-----|----------------------------------------------|
| 1     | 34959       | 0   | Cylinder Assy. (2-5/8" Bore)                 |
| 2     | 26727       | 0   | Pin, Dowel                                   |
| 4     | 32600       | 0   | Seal, Oil                                    |
| 5     | 29313C      | 0   | Valve, Exhaust (Standard) (Conventional      |
| 5     | 29315C      | 0   | Valve, Exhaust (1/32" oversize)              |
| 6     | 29314B      | 0   | Valve, Intake (Standard) (Conventional       |
| 6     | 29315C      | 0   | Valve, Exhaust (1/32" oversize)              |
| 8     | 31671       | 0   | Cap, Upper valve spring                      |
| 9     | 31672       | 0   | Spring, Valve                                |
| 10    | 31673       | 0   | Cap, Lower valve spring                      |
| 11    | 34436       | 0   | Crankshaft Assy.                             |
| 12    | 29783       | 0   | Pin, Crankshaft gear                         |
| 13    | 27613       | 0   | Gear, Crankshaft                             |
| 14    | 34851       | 0   | Piston, Pin & Ring Assy. (Std.) (2-5/8")     |
| 14    | 34852       | 0   | Piston, Pin & Ring Assy. (.010 oversize)     |
| 14    | 34853       | 0   | Piston, Pin & Ring Assy. (.020 oversize)     |
| 14A   | 32603B      | 0   | Piston & Pin Assy. (Std.) (2-5/8")           |
| 14A   | 32604B      | 0   | Piston & Pin Assy. (.010 oversize)           |
| 14A   | 32605B      | 0   | Piston & Pin Assy. (.020 oversize)           |
| 15    | 34854       | 0   | Ring Set, Piston (Standard) (2-5/8")         |
| 15    | 34855       | 0   | Ring Set, Piston (.010 oversize)             |
| 15    | 34856       | 0   | Ring Set, Piston (.020 oversize)             |
| 16    | 20381       | 0   | Ring, Piston pin retaining                   |
| 17    | 30963B      | 0   | Rod Assy., Connecting                        |
| 18A   | 32610A      | 0   | Bolt, Connecting rod                         |
| 21A   | 27241       | 0   | Lifter, Valve                                |
| 21    | 27241       | 0   | Lifter, Valve                                |
| 22    | 33553       | 0   | Camshaft (Mechanical Compression Release)    |
| 23    | 29914       | 0   | Pump Assy., Oil                              |
| 24    | 35261       | 0   | Gasket, Mounting flange                      |
| 25    | 34831       | 0   | Flange Assy., Mounting                       |
| 26    | 26208       | 0   | Seal, Oil                                    |
| 27    | 28833       | 0   | Gasket, Oil drain                            |
| 30    | 650488      | 0   | Screw                                        |
| 31    | 30590A      | 0   | Washer, Flat                                 |
| 32    | 30574       | 0   | Shaft, Mechanical governor                   |
| 33    | 30591       | 0   | Gear Assy., Governor                         |
| 34    | 29193       | 0   | Ring, Retaining                              |
| 35    | 30588A      | 0   | Spool, Governor                              |
| 36    | 31335       | 0   | Clamp, Governor lever                        |
| 37    | 28277       | 0   | Washer, Flat                                 |
| 38    | 650548      | 0   | Screw, Hex washer hd., 8-32 x 5/16           |
| 39    | 31383A      | 0   | Lever, Governor                              |
| 40    | 31361       | 0   | Spring, Governor                             |
| 41    | 30589       | 0   | Rod, Governor                                |
| 43    | 611004      | 0   | Key, Flywheel (External Solid State -Gold)   |
| 44A   | 6021A       | 0   | Screw, Hex flange hd., 5/16-18 x 1-1/2       |
| 44    | 650694A     | 0   | Screw, Hex flange hd., 5/16-18 x 2           |
| 45    | 35395       | 0   | Plug, Spark (Champion RJ-19LM or equivalent) |
| 46    | 32643       | 0   | Gasket, Cylinder head                        |
| 47    | 34335       | 0   | Head, Cylinder                               |
| 48    | 26073       | 0   | Washer, Connecting rod bolt                  |
| 50    | 34215       | 0   | Breather Assy.                               |
| 51    | 30200       | 0   | Screw                                        |
| 52    | 32760       | 0   | Gasket, Breather                             |
| 53    | 34336       | 0   | Link, Governor-to-throttle                   |
| 54    | 34337       | 0   | Link, Governor spring                        |
| 55    | 32755       | 0   | Cover, Valve spring box                      |

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| 56    | 27234       | 0   | Gasket, Breather cover                       |
| 57    | 650128      | 0   | Screw                                        |
| 59    | 34690       | 0   | Gasket, Intake                               |
| 60    | 31384A      | 0   | Pipe, Intake                                 |
| 61    | 6201        | 0   | Screw                                        |
| 62    | 650451      | 0   | Screw                                        |
| 67    | 26756       | 0   | Gasket, Carburetor                           |
| 71    | 29752       | 0   | Nut                                          |
| 98C   | 34996       | 0   | Housing, Blower (5.56 dia. starter mtg. bolt |
| 99    | 650831      | 0   | Screw, Hex washer hd. Powerlok thread,       |
| 100   | 30200       | 0   | Screw                                        |
| 102   | 34118       | 0   | Cap, Fuel filler (Red Plastic) (Spurt        |
| 102   | 410144B     | 0   | Cap, Fuel filler (White Plastic) (Std.)      |
| 103   | 29774       | 0   | Line, Fuel (Braided 8.25")                   |
| 103   | 30705       | 0   | Line, Fuel (Braided 16")                     |
| 103   | 34357       | 0   | Line, Fuel (Epichlorohydrin 6-3/4")          |
| 104   | 26460       | 0   | Clamp, Fuel line                             |
| 105A  | 30593       | 0   | Clip, Magneto wire                           |
| 115   | 610973      | 0   | Terminal Assy.                               |
| 121   | 650795      | 0   | Screw, Hex hd. cap, Sems, 1/4-20 x 2-5/16    |
| 124   | 650562      | 0   | Screw                                        |
| 125   | 34265       | 0   | Gasket, Oil fill tube                        |
| 125   | 34282       | 0   | "O" Ring (.612 I.D. x .812 O.D. x .103       |
| 126   | 34264       | 0   | Tube Assy., Oil fill (Plastic)               |
| 127   | 33590       | 0   | "O" Ring                                     |
| 128   | 34267       | 0   | Dipstick, Oil (Twist Lock)                   |
| 129   | 610118      | 0   | Cover, Spark plug                            |
| 130   | 650816      | 0   | Nut, Flywheel                                |
| 131   | 650815      | 0   | Washer, Belleville                           |
| 132C  | 35000       | 0   | Hub, Starter                                 |
| 132A  | 34999       | 0   | Screen, Starter cup                          |
| 161   | 34353       | 0   | Primer Assy.                                 |
| 162   | 32180C      | 0   | Line, Primer                                 |
| 165   | 34080       | 0   | Spacer, Flywheel key                         |
| 192A  | 0           | 0   | Rivet, Pop (3/16" Dia.)                      |
| 199   | 650814      | 0   | Screw, Hex hd. Sems, 10-24 x 1               |
| 200   | 611046A     | 0   | Flywheel                                     |
| 201   | 34443A      | 0   | Solid State Assy.                            |
| 201   | 730207      | 0   | Magneto-to-Solid State Conversion Kit        |
| 221   | 35015A      | 0   | Bracket Assy., S.E. Brake                    |
| 223   | 34966       | 0   | Link, Control                                |
| 224   | 34965       | 0   | Spring, Extension                            |
| 225   | 34968       | 0   | Lever, Brake                                 |
| 226   | 32309       | 0   | Ring, Retainer                               |
| 227   | 650839      | 0   | Screw, Hex washer hd. Powerlok, 1/4-20 x 3/8 |
| 251   | 631021      | 0   | Inlet Needle, Seat & Clip Assy.              |
| 255   | 632086      | 0   | Carburetor                                   |
| 256B  | 590420A     | 0   | Starter, Rewind                              |
| 258   | 33238C      | 0   | Gasket Set                                   |



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| 2     | 26727       | 0   | Pin, Dowel                                   |
| 50    | 34215       | 0   | Breather Assy.                               |
| 51    | 30200       | 0   | Screw                                        |
| 52    | 32760       | 0   | Gasket, Breather                             |
| 63    | 650506      | 0   | Screw                                        |
| 64    | 631036      | 0   | Shutter, Throttle                            |
| 65    | 631530      | 0   | Shaft Assy., Throttle                        |
| 66    | 631066      | 0   | Spring, Return                               |
| 92A   | 34961       | 0   | Wire, Ground (One female & one male fitting) |
| 105B  | 29443       | 0   | Clip, Fuel line                              |
| 115   | 610973      | 0   | Terminal Assy.                               |
| 165   | 34080       | 0   | Spacer, Flywheel key                         |
| 192A  | 0           | 0   | Rivet, Pop (3/16" Dia.)                      |
| 228   | 34985       | 0   | Rope Stop & Staple Assy.                     |
| 229   | 35025       | 0   | Staple, Rope retainer                        |



| Ref # | Part Number | Qty | Description                                 |
|-------|-------------|-----|---------------------------------------------|
| 97    | 28763       | 0   | Screw, Hex washer hd. thread-forming, 10-24 |
| 99    | 650831      | 0   | Screw, Hex washer hd. Powerlok thread,      |
| 100   | 30200       | 0   | Screw                                       |
| 101A  | 34369A      | 0   | Tank Assy., Fuel (Charcoal Poly) (1-1/2     |
| 102   | 34118       | 0   | Cap, Fuel filler (Red Plastic) (Spurt       |
| 102   | 410144B     | 0   | Cap, Fuel filler (White Plastic) (Std.)     |
| 130   | 650816      | 0   | Nut, Flywheel                               |
| 131   | 650815      | 0   | Washer, Belleville                          |
| 250A  | 34993       | 0   | Decal, Instruction                          |



## Engine Parts List #4

| Ref # | Part Number | Qty | Description                                  |
|-------|-------------|-----|----------------------------------------------|
| 108A  | 33971       | 0   | Knob, Control                                |
| 109   | 33970A      | 0   | Control Assy., Speed                         |
| 110   | 33802       | 0   | Spring Compression                           |
| 111   | 650777      | 0   | Screw, Slotted fil. hd. mach., 6-32 x 7/16   |
| 112   | 650549      | 0   | Screw                                        |
| 113   | 31342       | 0   | Spring, Compression                          |
| 114   | 30200       | 0   | Screw                                        |
| 115   | 610973      | 0   | Terminal Assy.                               |
| 118   | 34995       | 0   | Cover, Speed control                         |
| 119   | 650807      | 0   | Screw, Hex washer hd. shoulder, 10-32 x 7/16 |
| 120C  | 34613       | 0   | Muffler                                      |
| 122   | 33753       | 0   | Plate, Lock                                  |
| 235   | 35067       | 0   | Collar, Air cleaner                          |
| 236   | 35068       | 0   | Clamp, Hose                                  |
| 237   | 35066       | 0   | Element, Air cleaner (Paper)                 |
| 238   | 35065       | 0   | Cover, Air cleaner                           |
| 239   | 35435       | 0   | Filter, Pre-Air (Poly)                       |