

No  
Diagram  
Available  
  
Parts List  
Only

## Engine Parts List

| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 1     | 34172A      |     | Cylinder Assy. (2-3/4" Bore)          |
| 2     | 27652       |     | Pin, Dowel                            |
| 3A    | 31462       |     | Bushing, Crankshaft                   |
| 3     | 31461       |     | Bushing, Crankshaft                   |
| 4     | 32630       |     | Seal, Oil                             |
| 5     | 32783       |     | Valve, Intake (Standard)              |
| 5     | 32784       |     | Valve, Intake (1/32" oversize)        |
| 6     | 27878A      |     | Valve, Exhaust (Standard)             |
| 6     | 27880A      |     | Valve, Exhaust (1/32" oversize)       |
| 7     | 27882       |     | Cap, Upper valve spring               |
| 8     | 27881       |     | Spring, Valve                         |
| 8A    | 27881       |     | Spring, Valve                         |
| 9A    | 32581       |     | Cap, Lower valve spring               |
| 9     | 32581       |     | Cap, Lower valve spring               |
| 10    | 20810       |     | Pin, Valve spring retaining           |
| 11    | 35220       |     | Crankshaft Assy.                      |
| 12    | 29783       |     | Pin, Crankshaft gear                  |
| 13    | 27884       |     | Gear, Crankshaft                      |
| 14    | 34517       |     | Piston, Pin & Ring Assy. (Std.)       |
| 14    | 34518       |     | Piston, Pin & Ring Assy. (.010 overs) |
| 14    | 34519       |     | Piston, Pin & Ring Assy. (.020 overs) |
| 14A   | 32592B      |     | Piston & Pin Assy. (Std.) (2-3/4")    |
| 14A   | 32593B      |     | Piston & Pin Assy. (.010 oversize)    |
| 14A   | 32594B      |     | Piston & Pin Assy. (.020 oversize)    |
| 15    | 32595       |     | Ring Set, Piston (Std.) (2-3/4")      |
| 15    | 32596       |     | Ring Set, Piston (.010 oversize)      |
| 15    | 32597       |     | Ring Set, Piston (.020 oversize)      |
| 16    | 27888       |     | Ring, Piston pin retaining            |
| 17    | 32591C      |     | Rod Assy., Connecting                 |
| 18    | 650662C     |     | Screw, Connecting rod (Two pieces)    |
| 20    | 650625      |     | Washer, Thrust                        |
| 21    | 34034       |     | Lifter, Valve                         |
| 22    | 32114       |     | Camshaft (Mech. Compression Release)  |
| 24    | 31471C      |     | Flange, Mounting                      |
| 25    | 31355       |     | Screen, Oil strainer                  |
| 26    | 30684       |     | Gasket, Mounting flange               |
| 27    | 29117       |     | Screw, Hex hd. shakeproof, 8-32 x 5/6 |
| 34    | 27897       |     | Seal, Oil                             |
| 35    | 650548      |     | Screw, Hex washer hd., 8-32 x 5/16    |
| 36    | 31335       |     | Clamp, Governor                       |
| 37    | 27642       |     | Plug, Drain (1/4-18 sq. hd.)          |
| 38    | 31356       |     | Pump Assy., Oil                       |
| 39    | 650488      |     | Screw, Hex hd. Sems, 1/4-20 x 1-1/4   |
| 43    | 27275       |     | Clip, Wire retaining                  |
| 43    | 34246       |     | Clip, Ground wire                     |
| 44    | 29443       |     | Clip, Fuel line                       |
| 47    | 32631       |     | Gasket, Cylinder head                 |
| 48    | 30938A      |     | Head, Cylinder                        |
| 49    | 30939A      |     | Cover, Cylinder head                  |
| 50    | 610118      |     | Cover, Spark plug                     |
| 51    | 650697A     |     | Screw, Hex flange hd., 5/16-18 x 2-12 |
| 52    | 33636       |     | Plug, Spark (Champion J-8C or equiva) |
| 52    | 34251       |     | Resistor Spark Plug                   |
| 53    | 27896       |     | Gasket, Breather                      |
| 54    | 28423       |     | Body, Breather                        |
| 55    | 28424       |     | Element, Breather                     |
| 56    | 28425       |     | Cover, Valve chamber                  |
| 57    | 27627       |     | Tube, Breather                        |

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|-------|-------------|-----|---------------------------------------|
| 59    | 650128      |     | Screw, Fil. hd., 10-24 x 1/2          |
| 60    | 27915       |     | Gasket, Intake pipe                   |
| 61    | 32632       |     | Pipe, Intake                          |
| 64    | 650378      |     | Screw, Fil. hd. Sems, 5/16-18 x 1-1/8 |
| 65    | 26756       |     | Gasket, Carburetor                    |
| 66    | 29747B      |     | Screw, Phil. Hex hd. Sems, 5/16-24 x2 |
| 67    | 32629B      |     | Housing Assy., Blower (5.56 dia. star |
| 69A   | 650372      |     | Screw, Hex hd. Sems, 1/4-20 x 13/16   |
| 69    | 32633       |     | Stud, Intake pipe                     |
| 70    | 29752       |     | Nut & Lockwasher, 1/4-28              |
| 76    | 27261       |     | Washer, Flat                          |
| 76    | 650168      |     | Washer, Flat (1/4 Plain)              |
| 77    | 27656       |     | Washer, Thrust                        |
| 78    | 650690      |     | Washer, Belleville                    |
| 79    | 650691      |     | Washer, Flat                          |
| 84    | 27272       |     | Gasket, Air cleaner                   |
| 85    | 31691       |     | Bracket, Air cleaner                  |
| 86    | 28820       |     | Screw, Fil. hd. Sems, 10-32 x 1/2     |
| 87    | 650152      |     | Screw, Fil. hd. Sems, 8-32 x 3/8      |
| 88    | 30727       |     | Element, Air cleaner (Paper)          |
| 89    | 730127      |     | Cleaner Assy., Air (Poly)             |
| 89    | 730164      |     | Cleaner Assy., Air (Paper)            |
| 90    | 31715       |     | Body, Air cleaner                     |
| 95    | 650489      |     | Screw, Hex hd. Sems, 1/4-20 x 5/8 (S. |
| 95    | 650516      |     | Screw, Hex hd. Sems, 1/4-20 x 1-1/8 . |
| 95    | 650814      |     | Screw, Hex hd. Sems, 10-24 x 1        |
| 96    | 650561      |     | Screw, Hex washer hd. Durluk, 1/4-208 |
| 97    | 34105       |     | Bracket, Blower housing               |
| 98    | 32589       |     | Key, Flywheel                         |
| 103   | 31361       |     | Spring, Governor                      |
| 104   | 32582       |     | Link, Governor spring                 |
| 105   | 30669       |     | Rod, Governor                         |
| 106   | 31357       |     | Lever, Governor                       |
| 107   | 28277       |     | Washer, Flat                          |
| 108   | 31823       |     | Link, Throttle                        |
| 109   | 31707A      |     | Governor, Spacer Assy.                |
| 110   | 30668       |     | Shaft, Mechanical governor            |
| 111   | 30591       |     | Gear Assy., Governor                  |
| 112   | 29193       |     | Ring, Retaining                       |
| 113   | 30588A      |     | Spool, Governor                       |
| 114   | 30590A      |     | Washer, Flat                          |
| 117   | 30622A      |     | Extension, Blower housing             |
| 118   | 650128      |     | Screw, Fil. hd. Sems, 10-24 x 1/2     |
| 119   | 30063       |     | Screw, Hex hd. Sems, 1/4-20 x 1/2     |
| 119   | 30688       |     | Screw, Hex hd. Sems, 1/4-20 x 1/2     |
| 120   | 29716       |     | Screw, Pan hd. Sems, 1/4-28 x 7/16    |
| 121   | 30063       |     | Screw, Hex washer hd., Sems, 1/4-20 2 |
| 121   | 30688       |     | Screw, Hex hd. Sems, 1/4-20 x 1/2     |
| 124   | 26460       |     | Clamp, Fuel line                      |
| 125   | 29774       |     | Line, Fuel (Braided 8.25")            |
| 125   | 30705       |     | Line, Fuel (Braided 16")              |
| 125   | 30962       |     | Line, Fuel (Braided 32")              |
| 126   | 32926       |     | Tank Assy., Fuel (Charcoal Gray Poly2 |
| 127   | 33032       |     | Cap, Fuel filler (Red Plastic) (Spurt |
| 127   | 34118       |     | Cap, Fuel filler (Red Plastic) (Spurt |
| 127   | 34210       |     | Cap, Fuel filler (Red Plastic) (Spurt |
| 127   | 410144B     |     | Cap, Fuel filler (White Plastic) (St) |
| 135   | 27930       |     | Gasket, Exhaust                       |

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| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 136F  | 391026      |     | Muffler                               |
| 136   | 391023      |     | Muffler                               |
| 137   | 650696      |     | Screw, Hex hd., 5/16-18 x 2-3/4       |
| 139   | 8274        |     | Lockwasher                            |
| 153   | 31288       |     | Kit, Muffler adapter                  |
| 153A  | 730130      |     | Kit, Muffler adapter                  |
| 154   | 6021A       |     | Screw, Hex flange hd., 5/16-18 x 1-12 |
| 155   | 650697A     |     | Screw, Hex flange hd., 5/16-18 x 2-12 |
| 156   | 30196       |     | Screw, Fil. hd., 5/16-18 x 3/4        |
| 158   | 35232       |     | Wire, Ground                          |
| 159   | 610973      |     | Terminal Assy.                        |
| 161   | 31342       |     | Spring, Compression                   |
| 162   | 650549      |     | Screw, Fil. hd., 5-40 x 7/16          |
| 163   | 30200       |     | Screw, Hex washer hd. self-tap, Sems4 |
| 164   | 32410       |     | Knob, Speed control                   |
| 165   | 27793       |     | Clip, Conduit                         |
| 166   | 28942       |     | Screw, Hex hd. Sems, 10-32 x 3/8      |
| 167   | 32181A      |     | Control Assy., Speed                  |
| 169   | 33548       |     | Deflector, Fuel                       |
| 174   | 29673       |     | Gasket, Dipstick                      |
| 209   | 33018       |     | Harness Assy., Adapter                |
| 219   | 650815      |     | Washer, Belleville                    |
| 220   | 8116        |     | Nut                                   |
| 221   | 32125       |     | Cup, Starter                          |
| 222   | 35009       |     | Screen, Starter cup                   |
| 226   | 34443A      |     | Solid State Assy.                     |
| 227   | 650872      |     | Stud, Solid State mounting            |
| 228   | 611087      |     | Flywheel (w/ring gear)                |
| 229   | 35189       |     | Spacer                                |
| 230A  | 611096      |     | Alternator Coil                       |
| 236   | 34346       |     | Decal, Instruction                    |
| 239   | 631021      |     | Inlet Needle, Seat & Clip Assy.       |
| 240   | 631449      |     | Carburetor                            |
| 245   | 590666      |     | Starter, Rewind                       |
| 246   | 29965       |     | Motor, Starter (12 Volt)              |
| 246   | 32468A      |     | Motor, Starter (12 Volt)              |
| 246   | 32468B      |     | Motor, Starter (12 Volt)              |
| 246   | 33606       |     | Motor, Starter (12 Volt)              |
| 247   | 32386       |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 32901       |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33328       |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33328A      |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33328B      |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33328C      |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33518       |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33518A      |     | Starter Motor Kit (110-120 Volt)      |
| 247   | 33518B      |     | Starter Motor Kit (110-120 Volt)      |
| 248   | 30811A      |     | Flywheel (Std. Point) (V70 thru typer |
| 248   | 611042      |     | Flywheel (Std. Point) (V70 type lett) |
| 248   | 611085      |     | Flywheel (Solid state ignition)       |
| 249   | 33239       |     | Gasket Set                            |