



| Ref # | Part Number | Qty | Description                              |
|-------|-------------|-----|--|
| 1     | 33389       | 0   | Cylinder Assy. (2-5/16" Bore)            |
| 2     | 26727       | 0   | Pin, Dowel                               |
| 3     | 30981       | 0   | Bushing, Crankshaft                      |
| 3A    | 30979       | 0   | Bushing, Crankshaft                      |
| 4     | 29183       | 0   | Seal, Oil                                |
| 5     | 29314A      | 0   | Valve, Intake (Standard)                 |
| 5     | 29315B      | 0   | Valve, Intake (1/32" oversize)           |
| 6     | 29313B      | 0   | Valve, Exhaust (Standard)                |
| 6     | 29315B      | 0   | Valve, Intake (1/32" oversize)           |
| 8     | 31671       | 0   | Cap, Upper valve spring                  |
| 9     | 31672       | 0   | Spring, Valve                            |
| 10    | 31673       | 0   | Cap, Lower valve spring                  |
| 11    | 29385A      | 0   | Crankshaft Assy.                         |
| 11    | 31534       | 0   | Crankshaft Assy. Spec. No. 40475H        |
| 12    | 29783       | 0   | Pin, Crankshaft gear                     |
| 13    | 27613       | 0   | Gear, Crankshaft                         |
| 14    | 31761       | 0   | Piston & Pin Assy. (Standard) (2-5/16")  |
| 14    | 32662       | 0   | Piston & Pin Assy. (.010 oversize)       |
| 14    | 32663       | 0   | Piston & Pin Assy. (.020 oversize)       |
| 15    | 27565       | 0   | Ring Set, Piston (Standard) (2-5/16")    |
| 15    | 27566       | 0   | Ring Set, Piston (.010 oversize)         |
| 15    | 27567       | 0   | Ring Set, Piston (.020 oversize)         |
| 15    | 29903       | 0   | Re-Ringing Set, Piston                   |
| 16    | 20381       | 0   | Ring, Piston pin retaining               |
| 17    | 30963B      | 0   | Rod Assy., Connecting                    |
| 18    | 26706       | 0   | Bolt, Connecting rod                     |
| 19    | 20747       | 0   | Washer, Connecting rod bolt              |
| 20    | 27573       | 0   | Nut, Connecting rod bolt                 |
| 21    | 27241       | 0   | Lifter, Valve                            |
| 22    | 33148A      | 0   | Camshaft (Compression Release)           |
| 23    | 29914       | 0   | Pump Assy., Oil                          |
| 24    | 26750A      | 0   | Gasket, Mounting flange                  |
| 25    | 30784B      | 0   | Flange Assy., Mounting                   |
| 26    | 26208       | 0   | Seal, Oil                                |
| 26A   | 30318       | 0   | Seal, Oil (Camshaft)                     |
| 27    | 28833       | 0   | Gasket, Oil drain                        |
| 28    | 30572       | 0   | Plug, Drain (Hex hd. 3/8-18)             |
| 29    | 15832       | 0   | Screw, Rd. slotted hd., 1/4-20 x 3/8     |
| 29    | 650488      | 0   | Screw                                    |
| 29    | 650599      | 0   | Screw, Hex hd. cap, Sems, 1/4-20 x 1-1/2 |
| 30    | 29673       | 0   | Gasket, Filler plug                      |
| 31    | 27625       | 0   | Plug, Oil filler                         |
| 32    | 30574       | 0   | Shaft, Mechanical governor               |
| 33A   | 30590A      | 0   | Washer, Flat                             |
| 33    | 30591       | 0   | Gear Assy., Governor                     |
| 34    | 29193       | 0   | Ring, Retaining                          |
| 35    | 30588A      | 0   | Spool, Governor                          |
| 36    | 31335       | 0   | Clamp, Governor lever                    |
| 37A   | 650548      | 0   | Screw, Hex washer hd., 8-32 x 5/16       |
| 37    | 28277       | 0   | Washer, Flat                             |
| 38    | 30589       | 0   | Rod, Governor                            |
| 39    | 31383       | 0   | Lever, Governor                          |
| 40    | 26460       | 0   | Clamp, Fuel line                         |
| 42    | 610949      | 0   | Key, Flywheel                            |
| 45    | 650489      | 0   | Screw                                    |
| 46    | 29953B      | 0   | Gasket, Cylinder head                    |
| 47    | 30579       | 0   | Head, Cylinder                           |
| 48    | 26073       | 0   | Washer, Connecting rod bolt              |

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|-------|-------------|-----|--|
| 49    | 6201        | 0   | Screw  |
| 49    | 650628A     | 0   | Screw, Hex hd. cap, 5/16-18 x 2-3/8          |
| 49    | 650694      | 0   | Screw, Hex hd. cap, 5/16-18 x 2              |
| 49    | 650697      | 0   | Screw, Hex hd. cap, 5/16-18 x 2-1/2          |
| 51    | 33636       | 0   | Plug, Spark (Champion J-8 or equivalent)     |
| 51    | 34251       | 0   | Resistor Spark Plug                          |
| 52    | 31619       | 0   | Gasket, Breather cover                       |
| 53    | 31337       | 0   | Breather Assy.                               |
| 54A   | 31410       | 0   | Element, Breather                            |
| 57    | 650128      | 0   | Screw  |
| 57A   | 650128      | 0   | Screw  |
| 59    | 30188       | 0   | Gasket, Intake pipe                          |
| 60    | 31384       | 0   | Pipe, Intake                                 |
| 62    | 650451      | 0   | Screw  |
| 64    | 30593       | 0   | Clip, Magneto wire                           |
| 64A   | 27275       | 0   | Clip, Hi-tension wire                        |
| 66    | 31386       | 0   | Spring, Governor                             |
| 66    | 33578       | 0   | Spring Governor Spec. No. 40933K             |
| 68    | 33802       | 0   | Spring Compression                           |
| 68A   | 32924       | 0   | Spring, Compression                          |
| 69A   | 650777      | 0   | Screw, Slotted fil. hd. mach., 6-32 x 7/16   |
| 70A   | 33133       | 0   | Link, Throttle                               |
| 70    | 32653       | 0   | Link, Governor spring                        |
| 71    | 28942       | 0   | Screw  |
| 72    | 27793       | 0   | Clip, Conduit                                |
| 73    | 27181A      | 0   | Muffler                                      |
| 74A   | 26754       | 0   | Gasket, Exhaust                              |
| 75    | 27182       | 0   | Screw, Hex hd. cap, 1/4-20 x 3-3/8           |
| 75    | 30298       | 0   | Screw, Hex hd. cap, 1/4-20 x 2-1/2           |
| 75    | 650234      | 0   | Screw, Hex hd. cap, 1/4-20 x 3               |
| 75    | 650243      | 0   | Screw, Hex hd. cap, 1/4-20 x 2-3/4           |
| 75    | 650253      | 0   | Screw, Hex hd. cap, 1/4-20 x 2-1/4           |
| 75    | 650493      | 0   | Screw, Hex hd. Sems, 1/4-20 x 1-3/4          |
| 75    | 650795      | 0   | Screw, Hex hd. cap, Sems, 1/4-20 x 2-5/16    |
| 79B   | 590417      | 0   | Screen, Starter cup                          |
| 80    | 31388       | 0   | Wire, Ground (Female fitting both ends)      |
| 83    | 26756       | 0   | Gasket, Carburetor                           |
| 83    | 31688       | 0   | Gasket, Carburetor (1/8 thick)               |
| 85    | 30564       | 0   | Screw  |
| 85    | 6201        | 0   | Screw  |
| 85    | 6202        | 0   | Screw  |
| 87    | 29752       | 0   | Nut  |
| 88    | 27272       | 0   | Gasket, Air cleaner                          |
| 94    | 33150       | 0   | Bracket, Control                             |
| 95    | 30200       | 0   | Screw  |
| 96    | 33152A      | 0   | Control Assy., Speed                         |
| 98    | 32455B      | 0   | Housing, Blower                              |
| 99A   | 650561      | 0   | Screw  |
| 99    | 14981       | 0   | Screw, Fil. slotted hd., 1/4-28 x 5/8        |
| 99    | 29213       | 0   | Screw, Phil. oval hd. w/lockwasher, 1/4-28 x |
| 99    | 29716       | 0   | Screw  |
| 99    | 30171       | 0   | Screw, Phil. oval hd. Sems, 1/4-28 x 2-3/8   |
| 99    | 30513       | 0   | Screw  |
| 99    | 30688       | 0   | Screw, Hex hd. Sems, 1/4-20 x 1/2            |
| 99    | 650737      | 0   | Screw, Hex washer hd. taptite, 1/4-20 x 1/2  |
| 100   | 31403       | 0   | Clip, Fuel line                              |
| 101   | 31862A      | 0   | Tank Assy., Fuel (Charcoal Poly) (1 qt.)     |
| 102   | 30998B      | 0   | Cap, Fuel filler (Red Plastic) (Sno Proof)   |

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|-------|-------------|-----|---|
| 102   | 32387A      | 0   | Cap, Fuel filler (Charcoal Plastic) (Spurt  |
| 102   | 410144B     | 0   | Cap, Fuel filler (White Plastic) (Std.)     |
| 102   | 410224      | 0   | Cap, Fuel filler (Metal w/chain)            |
| 105   | 30235       | 0   | Line, Fuel (7-3/8" Metal)                   |
| 105   | 31400       | 0   | Line, Fuel (3-3/8" Metal)                   |
| 105A  | 28684       | 0   | Line, Fuel (Braided hose) (14-5/8")         |
| 105A  | 29774       | 0   | Line, Fuel (Braided 8.25")                  |
| 105A  | 30705       | 0   | Line, Fuel (Braided 16")                    |
| 105A  | 30962       | 0   | Line, Fuel (Braided 32")                    |
| 106   | 650490      | 0   | Washer, Belleville                          |
| 107   | 650607      | 0   | Nut, Flywheel                               |
| 112   | 9556        | 0   | Plug, Oil drain (Sq. hd. pipe, 1/8-27)      |
| 116   | 30747       | 0   | Clip, Shorting                              |
| 117   | 16645       | 0   | Lockwasher                                  |
| 132   | 30688       | 0   | Screw, Hex hd. Sems, 1/4-20 x 1/2           |
| 163   | 28763       | 0   | Screw, Hex washer hd. thread-forming, 10-24 |
| 165   | 26091       | 0   | Cap, Oil seal protector                     |
| 173   | 29375       | 0   | Extension, Oil drain                        |
| 181B  | 650639      | 0   | Rivet, Open end                             |
| 206   | 29985       | 0   | "O" Ring                                    |
| 207   | 650147      | 0   | Washer, Flat                                |
| 208   | 650562      | 0   | Screw                                       |
| 210   | 30139       | 0   | "O" Ring                                    |
| 210   | 34282       | 0   | "O" Ring (.612 I.D. x .812 O.D. x .103      |
| 249A  | 28250       | 0   | Decal, H.P. (3 H.P.)                        |
| 249A  | 30077       | 0   | Decal, H.P. (3-1/2 H.P.)                    |
| 249A  | 30597       | 0   | Decal, Name & H.P. (3 H.P.)                 |
| 249A  | 30612       | 0   | Decal, Name & H.P. (3-1/2 H.P.)             |
| 249A  | 33161       | 0   | Decal, Instructions                         |
| 249G  | 31268       | 0   | Decal, Choke                                |
| 249E  | 30595       | 0   | Decal, Ezee-start                           |
| 249E  | 31516       | 0   | Decal, Starter                              |
| 249E  | 32187       | 0   | Decal, Super-start                          |
| 249C  | 31495       | 0   | Decal, Speed control                        |
| 250   | 30547A      | 0   | Contact Assy., Breaker                      |
| 251   | 30548A      | 0   | Condenser                                   |
| 252   | 630978      | 0   | Diaphragm & Gasket Assy.                    |
| 253   | 630932A     | 0   | Inlet Needle, Seat, Gasket & Spring Assy.   |
| 255   | 630986      | 0   | Carburetor                                  |
| 256   | 610794      | 0   | Magneto, Tecumseh                           |
| 257   | 590420      | 0   | Starter, Rewind                             |
| 260   | 33236       | 0   | Gasket Set                                  |



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|-------|-------------|-----|--|
| 41    | 27070       | 0   | Lockwasher                                   |
| 41    | 27656       | 0   | Washer, Flat                                 |
| 41    | 650168      | 0   | Washer, Flat                                 |
| 79D   | 590416      | 0   | Cup, Starter                                 |
| 79    | 30892       | 0   | Pulley, Rope starter                         |
| 85    | 30564       | 0   | Screw  |
| 85    | 6201        | 0   | Screw  |
| 85    | 6202        | 0   | Screw  |
| 124   | 590343      | 0   | Rope & Handle Assy., Starter                 |
| 128   | 650737      | 0   | Screw, Hex washer hd. taptite, 1/4-20 x 1/2  |
| 148   | 8345        | 0   | Washer, 1/4                                  |
| 149   | 650492      | 0   | Screw  |
| 166   | 32119       | 0   | Plug, Screen                                 |
| 166   | 32236       | 0   | Plug, Screen                                 |
| 181   | 590441      | 0   | Rope Guide Assy.                             |
| 181   | 590516      | 0   | Bracket Assy.                                |
| 183   | 29511       | 0   | Screw, Slotted hex washer hd., 1/4-20 x 7/16 |
| 249C  | 31495       | 0   | Decal, Speed control                         |



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|-------|-------------|-----|--|
| 52    | 31619       | 0   | Gasket, Breather cover                       |
| 63    | 31778       | 0   | Spring, Coil                                 |
| 67    | 30063       | 0   | Screw  |
| 74A   | 26754       | 0   | Gasket, Exhaust                              |
| 75    | 27182       | 0   | Screw, Hex hd. cap, 1/4-20 x 3-3/8           |
| 75    | 30298       | 0   | Screw, Hex hd. cap, 1/4-20 x 2-1/2           |
| 75    | 650234      | 0   | Screw, Hex hd. cap, 1/4-20 x 3               |
| 75    | 650243      | 0   | Screw, Hex hd. cap, 1/4-20 x 2-3/4           |
| 75    | 650253      | 0   | Screw, Hex hd. cap, 1/4-20 x 2-1/4           |
| 75    | 650493      | 0   | Screw, Hex hd. Sems, 1/4-20 x 1-3/4          |
| 75    | 650795      | 0   | Screw, Hex hd. cap, Sems, 1/4-20 x 2-5/16    |
| 75A   | 730162      | 0   | Kit, Muffler Adapter                         |
| 78    | 27675       | 0   | Nut, Conduit                                 |
| 78A   | 30617       | 0   | Elbow, Exhaust (45°)                         |
| 78A   | 28885       | 0   | Elbow, Exhaust (90°)                         |
| 88    | 27272       | 0   | Gasket, Air cleaner                          |
| 89    | 31312       | 0   | Body, Air cleaner                            |
| 90    | 31545       | 0   | Cleaner Assy., Air                           |
| 91    | 29961       | 0   | Element, Air cleaner                         |
| 91A   | 29962       | 0   | Screen, Air cleaner                          |
| 92    | 30585       | 0   | Cover, Air cleaner                           |
| 93A   | 450150      | 0   | Spring, Pre-cleaner                          |
| 93B   | 730510      | 0   | Kit, Pre-cleaner                             |
| 93    | 450124      | 0   | Bag, Pre-cleaner                             |
| 104B  | 30863       | 0   | Valve, Fuel shut-off                         |
| 104A  | 29683       | 0   | Strainer & Shut-off                          |
| 104   | 28584       | 0   | Strainer & Elbow                             |
| 106   | 650490      | 0   | Washer, Belleville                           |
| 107   | 650607      | 0   | Nut, Flywheel                                |
| 109   | 650561      | 0   | Screw  |
| 110   | 28820       | 0   | Screw  |
| 110   | 29786       | 0   | Screw  |
| 110   | 650399      | 0   | Screw, Phil. fil. hd. Sems, 10-32 x 5/8      |
| 126   | 650152      | 0   | Screw  |
| 133   | 30767       | 0   | Spacer, Air cleaner                          |
| 140   | 30635       | 0   | Fitting, Breather                            |
| 170   | 650163      | 0   | Screw, Fil. hd. Sems, 10-32 x 7/8            |
| 171   | 650520      | 0   | Screw  |
| 182   | 9577        | 0   | Nut, Wing, 10-24                             |
| 183   | 29511       | 0   | Screw, Slotted hex washer hd., 1/4-20 x 7/16 |
| 184   | 30418       | 0   | Bracket, Cleaner elbow                       |
| 191A  | 730145      | 0   | Air Cleaner Kit                              |
| 192   | 29432       | 0   | Bracket, Housing                             |
| 193   | 27165       | 0   | Gasket, Elbow                                |
| 196   | 650163      | 0   | Screw, Fil. hd. Sems, 10-32 x 7/8            |
| 197   | 27183       | 0   | Washer, Fiber                                |
| 197   | 31905       | 0   | Washer, Paper                                |
| 198   | 650519      | 0   | Screw  |
| 198   | 650520      | 0   | Screw  |
| 199   | 31408       | 0   | Element, Air cleaner                         |
| 203A  | 650722      | 0   | Lockwasher, 1/4                              |
| 203   | 30688       | 0   | Screw, Hex hd. Sems, 1/4-20 x 1/2            |
| 204   | 730127      | 0   | Cleaner Assy., Air (Poly)                    |
| 249B  | 30002       | 0   | Decal, Air cleaner                           |