



## Engine Parts List #1

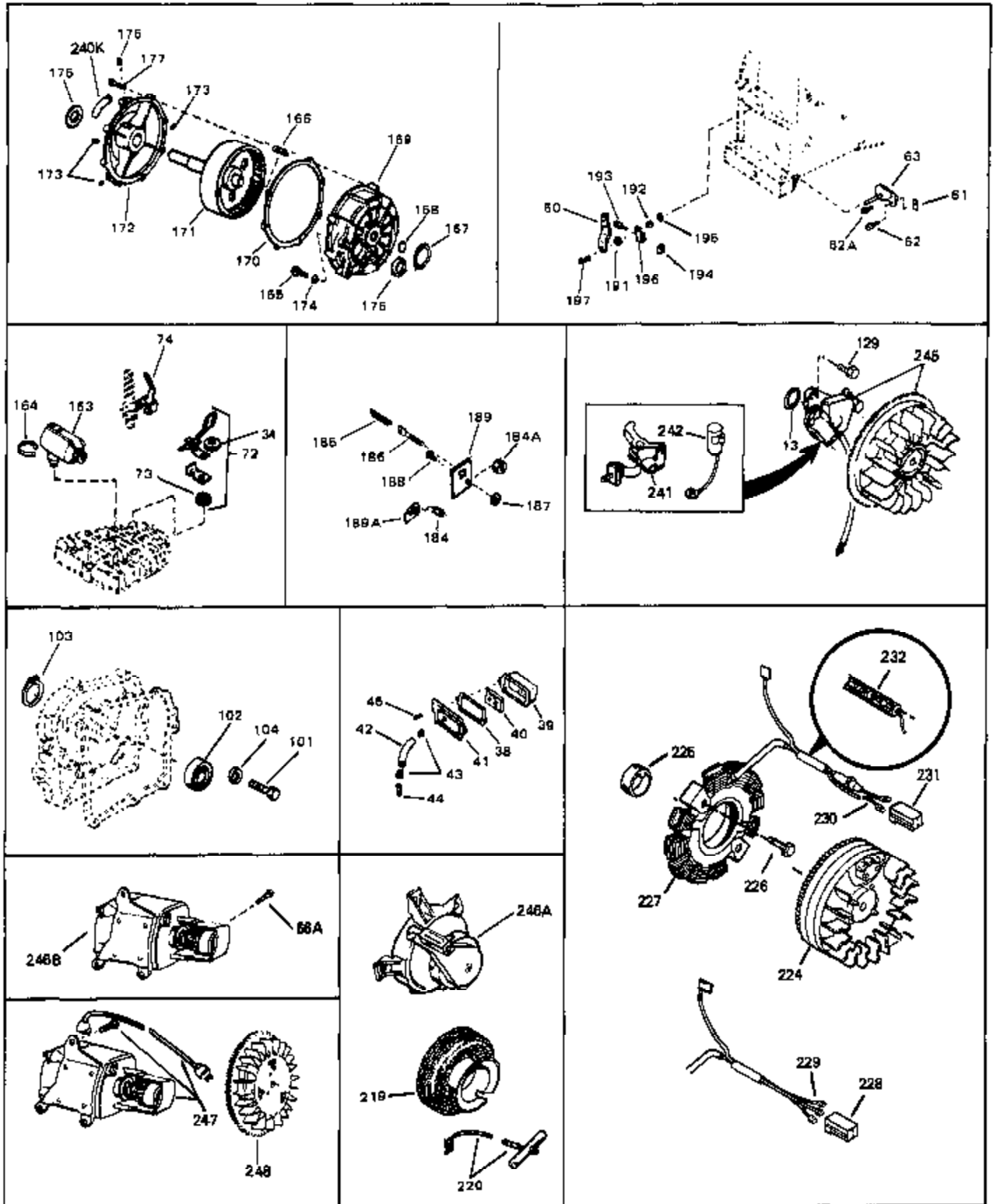
| Ref # | Part Number | Qty | Description                                |
|-------|-------------|-----|--------------------------------------------|
| 1     | 33674       | 0   | Cylinder Assy. (2-13/16" Bore)             |
| 2     | 26727       | 0   | Pin, Dowel                                 |
| 3     | 27642       | 0   | Plug, Drain                                |
| 3     | 28582       | 0   | Plug, Drain                                |
| 4     | 32600       | 0   | Seal, Oil                                  |
| 5     | 32644A      | 0   | Valve, Intake (Standard)                   |
| 5     | 32645A      | 0   | Valve, Intake (1/32" oversize)             |
| 6     | 29313C      | 0   | Valve, Exhaust (Standard) (Conventional    |
| 6     | 29315C      | 0   | Valve, Exhaust (1/32" oversize)            |
| 8     | 31672       | 0   | Spring, Valve                              |
| 9     | 31673       | 0   | Cap, Lower valve spring                    |
| 10    | 610951      | 0   | Key, Flywheel                              |
| 11    | 33676       | 0   | Crankshaft                                 |
| 14    | 34535       | 0   | Piston, Pin & Ring Assy. (Std.) (2-13/16") |
| 14    | 34536       | 0   | Piston, Pin & Ring Assy. (.010 oversize)   |
| 14    | 34537       | 0   | Piston, Pin & Ring Assy. (.020 oversize)   |
| 14A   | 33562B      | 0   | Piston & Pin Assy. (Std.) (2-13/16")       |
| 14A   | 33563B      | 0   | Piston & Pin Assy. (.010 oversize)         |
| 14A   | 33564B      | 0   | Piston & Pin Assy. (.020 oversize)         |
| 15    | 33567       | 0   | Ring Set, Piston (Standard) (2-13/16")     |
| 15    | 33568       | 0   | Ring Set, Piston (.010 oversize)           |
| 15    | 33569       | 0   | Ring Set, Piston (.020 oversize)           |
| 16    | 20381       | 0   | Ring, Piston pin retaining                 |
| 17    | 32875       | 0   | Rod Assy., Connecting                      |
| 18    | 32610A      | 0   | Bolt, Connecting rod                       |
| 20    | 32654       | 0   | Dipper, Oil                                |
| 21    | 27241       | 0   | Lifter, Valve                              |
| 22    | 33158       | 0   | Camshaft (Compression Release)             |
| 23    | 30756B      | 0   | Cover, Cylinder                            |
| 24    | 28540       | 0   | Seal, Oil                                  |
| 25    | 32969       | 0   | Dipstick, Oil (Screw In)                   |
| 27    | 29673       | 0   | Gasket, Filler plug                        |
| 28    | 27677       | 0   | Gasket, Cylinder cover                     |
| 29    | 650451      | 0   | Screw                                      |
| 29    | 650488      | 0   | Screw                                      |
| 32    | 33554       | 0   | Gasket, Cylinder head                      |
| 33    | 33016       | 0   | Head, Cylinder                             |
| 34    | 26073       | 0   | Washer, Connecting rod bolt                |
| 34    | 650691      | 0   | Washer, Flat                               |
| 35    | 650694A     | 0   | Screw, Hex flange hd., 5/16-18 x 2         |
| 35    | 650818      | 0   | Screw, Special hex hd., 5/16-18 x 1-1/2    |
| 35    | 650865      | 0   | Screw, Special Hex hd. tapped, 5/16-18 x 2 |
| 36    | 6021A       | 0   | Screw, Hex flange hd., 5/16-18 x 1-1/2     |
| 37    | 33636       | 0   | Plug, Spark (Champion J-8 or equivalent)   |
| 38    | 31619       | 0   | Gasket, Breather cover                     |
| 39A   | 31337       | 0   | Breather Assy.                             |
| 40    | 31410       | 0   | Element, Breather                          |
| 45    | 650128      | 0   | Screw                                      |
| 46    | 33673       | 0   | Gasket, intake (1/32" thick)               |
| 47    | 33669       | 0   | Pipe, Intake                               |
| 48    | 30646       | 0   | Screw, Phil. fil. hd. Sems, 1/4-20 x 1-3/8 |
| 59    | 31858       | 0   | Link, Throttle                             |
| 60    | 33302       | 0   | Lever, Governor                            |
| 63A   | 31334       | 0   | Rod, Governor                              |
| 64    | 33342       | 0   | Baffle, Blower housing                     |
| 65    | 650561      | 0   | Screw                                      |
| 66    | 0           | 0   | Rivet, Pop                                 |
| 66    | 29752       | 0   | Nut                                        |

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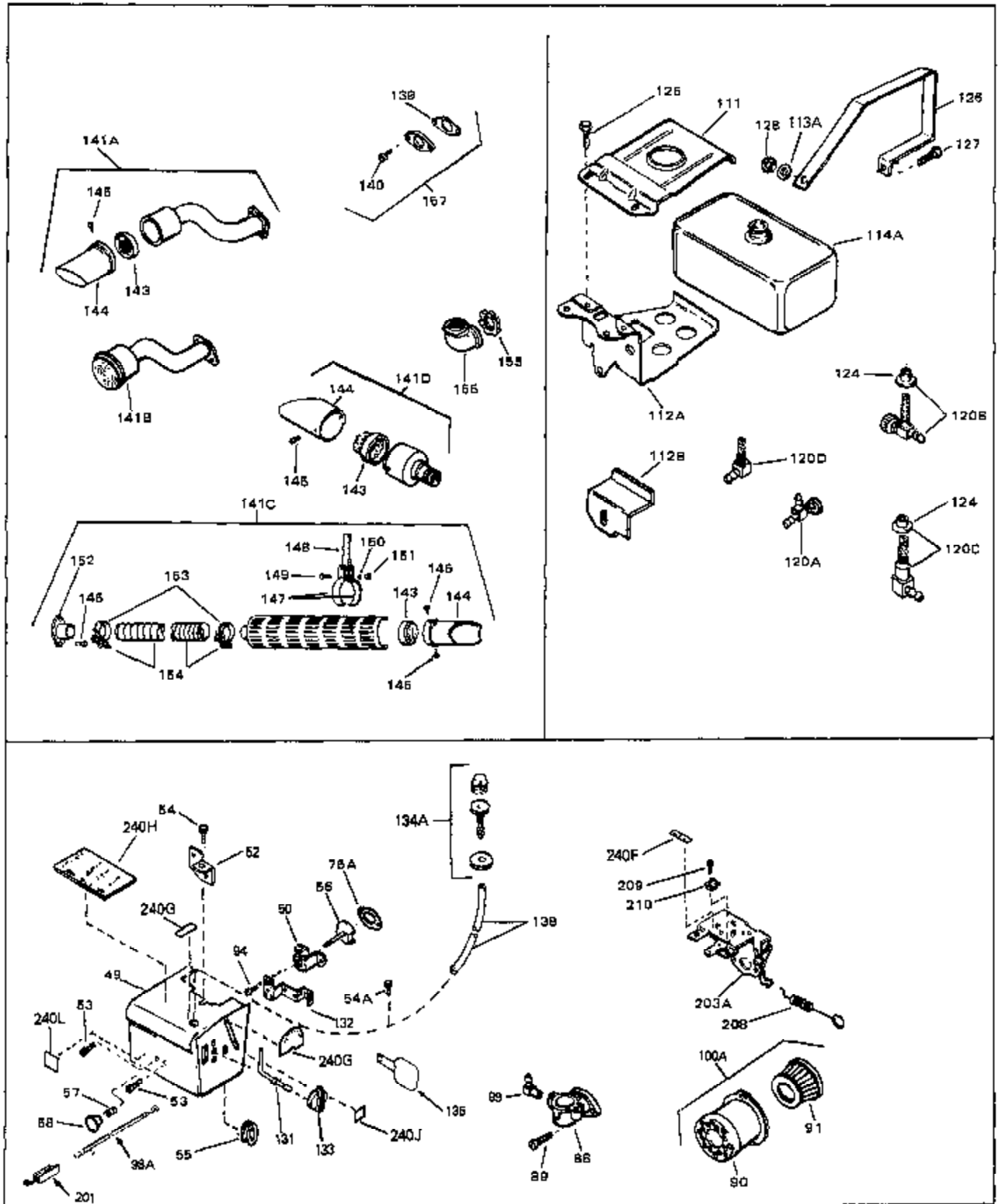
| Ref # | Part Number | Qty | Description                                  |
|-------|-------------|-----|----------------------------------------------|
| 67    | 28277       | 0   | Washer, Flat                                 |
| 68    | 650168      | 0   | Washer, Flat                                 |
| 69    | 29212       | 0   | Screw                                        |
| 70    | 33663C      | 0   | Housing, Blower (5.56 dia. starter mtg. bolt |
| 74A   | 30747       | 0   | Clip, Shorting                               |
| 75    | 650890      | 0   | Lockwasher, Shakeproof 5/16                  |
| 76    | 27272       | 0   | Gasket, Air cleaner                          |
| 82    | 33341       | 0   | Extension, Baffle                            |
| 83    | 650701      | 0   | Screw, Hex washer hd. shakeproof,            |
| 84    | 650372      | 0   | Screw, Hex hd. Sems, 1/4-20 x 13/16          |
| 85    | 650372      | 0   | Screw, Hex hd. Sems, 1/4-20 x 13/16          |
| 87    | 26756       | 0   | Gasket, Carburetor                           |
| 90    | 31715       | 0   | Body, Air cleaner                            |
| 92    | 650152      | 0   | Screw                                        |
| 93    | 31691       | 0   | Bracket, Air cleaner                         |
| 94    | 28820       | 0   | Screw                                        |
| 98    | 35349       | 0   | Wire Assy., Ground (Female fittings both     |
| 98    | 610609      | 0   | Wire, Ground (One female fitting & one eye)  |
| 100   | 730127      | 0   | Cleaner Assy., Air (Poly)                    |
| 105   | 30590A      | 0   | Washer, Flat                                 |
| 106   | 30574       | 0   | Shaft, Mechanical governor                   |
| 107   | 30591       | 0   | Gear Assy., Governor                         |
| 108   | 30588A      | 0   | Spool, Governor                              |
| 109   | 29193       | 0   | Ring, Retaining                              |
| 113   | 650751      | 0   | Screw, Hex hd. w/conical spring washer,      |
| 115   | 33032       | 0   | Cap, Fuel filler (Red Plastic) (Spurt        |
| 115   | 34210       | 0   | Cap, Fuel filler (Red Plastic) (Spurt        |
| 115   | 410144B     | 0   | Cap, Fuel filler (White Plastic) (Std.)      |
| 118   | 29774       | 0   | Line, Fuel (Braided 8.25")                   |
| 118   | 30705       | 0   | Line, Fuel (Braided 16")                     |
| 118   | 30962       | 0   | Line, Fuel (Braided 32")                     |
| 119   | 28819       | 0   | Spring, Fuel line                            |
| 121   | 29745       | 0   | Extension, Blower housing                    |
| 122   | 650128      | 0   | Screw                                        |
| 123   | 26460       | 0   | Clamp, Fuel line                             |
| 129   | 650489      | 0   | Screw                                        |
| 130   | 27276       | 0   | Cover, Spark plug                            |
| 130   | 610118      | 0   | Cover, Spark plug                            |
| 140   | 30063       | 0   | Screw                                        |
| 181   | 33356       | 0   | Terminal, Ground                             |
| 182   | 28545       | 0   | Grommet, Plastic                             |
| 183   | 650760      | 0   | Screw                                        |
| 197   | 650548      | 0   | Screw, Hex washer hd., 8-32 x 5/16           |
| 201   | 610973      | 0   | Terminal Assy.                               |
| 202A  | 32923       | 0   | Spring, Torsion                              |
| 202   | 33857       | 0   | Spring, Extension                            |
| 203   | 730136A     | 0   | Control Assy., Mini Bike Speed               |
| 204   | 30200       | 0   | Screw                                        |
| 204   | 650139      | 0   | Screw                                        |
| 204   | 650152      | 0   | Screw                                        |
| 205   | 30322       | 0   | Nut & Lockwasher                             |
| 206   | 650549      | 0   | Screw                                        |
| 206   | 650688      | 0   | Screw, Hex hd., 10-32 x 1-5/16" (Drilled     |
| 207   | 31342       | 0   | Spring, Compression                          |
| 207   | 32924       | 0   | Spring, Compression                          |
| 209   | 28942       | 0   | Screw                                        |
| 210   | 27793       | 0   | Clip, Conduit                                |
| 211   | 31426       | 0   | Spring, Extension                            |

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|-------|-------------|-----|---------------------------------|
| 213   | 650815      | 0   | Washer, Belleville              |
| 214   | 650607      | 0   | Nut, Flywheel                   |
| 217   | 33668       | 0   | Screen, Starter                 |
| 218   | 33667       | 0   | Cup, Starter                    |
| 240A  | 550223      | 0   | Decal, Name                     |
| 240   | 34346       | 0   | Decal, Instruction              |
| 240B  | 31752       | 0   | Decal, Air cleaner              |
| 243   | 631021      | 0   | Inlet Needle, Seat & Clip Assy. |
| 244   | 631703      | 0   | Carburetor                      |
| 246   | 590420      | 0   | Starter, Rewind                 |
| 249   | 33683       | 0   | Gasket Set                      |



| Ref # | Part Number | Qty | Description                                  |
|-------|-------------|-----|----------------------------------------------|
| 13    | 33876       | 0   | Gasket, Stator                               |
| 34    | 26073       | 0   | Washer, Connecting rod bolt                  |
| 34    | 650691      | 0   | Washer, Flat                                 |
| 38    | 31619       | 0   | Gasket, Breather cover                       |
| 40    | 31410       | 0   | Element, Breather                            |
| 45    | 650128      | 0   | Screw                                        |
| 60    | 33302       | 0   | Lever, Governor                              |
| 101   | 30200       | 0   | Screw                                        |
| 102   | 28458       | 0   | Bearing, Ball All ball bearing models except |
| 103   | 28539       | 0   | Ring, Retaining (All ball bearing models)    |
| 104   | 28537       | 0   | Washer, Flat                                 |
| 129   | 650489      | 0   | Screw                                        |
| 191   | 29918       | 0   | Lockwasher                                   |
| 192   | 30322       | 0   | Nut & Lockwasher                             |
| 193   | 29826       | 0   | Screw                                        |
| 194   | 29216       | 0   | Nut                                          |
| 195   | 29642       | 0   | Ring, Retaining                              |
| 196   | 29916       | 0   | Clamp, Governor lever                        |
| 197   | 650548      | 0   | Screw, Hex washer hd., 8-32 x 5/16           |
| 241   | 30547A      | 0   | Contact Assy., Breaker                       |
| 242   | 30548B      | 0   | Condenser                                    |
| 245   | 610862      | 0   | Magneto, Tecumseh                            |
| 247   | 33290C      | 0   | Starter Motor Kit (110-120 Volt)             |
| 248   | 33701B      | 0   | Flywheel                                     |
| 248   | 611083      | 0   | Flywheel                                     |



| Ref # | Part Number | Qty | Description                |
|-------|-------------|-----|----------------------------|
| 90    | 31715       | 0   | Body, Air cleaner          |
| 91    | 30727       | 0   | Element, Air cleaner       |
| 94    | 28820       | 0   | Screw                      |
| 100A  | 730164      | 0   | Cleaner Assy., Air (Paper) |
| 140   | 30063       | 0   | Screw                      |
| 141D  | 391026      | 0   | Muffler                    |
| 157   | 730165      | 0   | Muffler, Adapter Kit       |
| 201   | 610973      | 0   | Terminal Assy.             |
| 209   | 28942       | 0   | Screw                      |
| 210   | 27793       | 0   | Clip, Conduit              |