



| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 1     | 35371       | 1   | Cylinder (Incl. 2 & 20)                   |
| 2     | 27652       | 2   | Dowel Pin                                 |
| 15    | 30699C      | 1   | Governor Rod (Incl. 15A & 15B)            |
| 15B   | 650494      | 1   | Screw, 6-40 x 5/16"                       |
| 15A   | 30700       | 1   | Governor Yoke                             |
| 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    | 35319       | 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    | 35372A      | 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    | 35776       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 35777       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 35778       | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 35773       | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 35774       | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 35775       | 1   | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42    | 35779       | 1   | Ring Set (Std.)                           |
| 42    | 35780       | 1   | Ring Set (.010" OS)                       |
| 42    | 35781       | 1   | Ring Set (.020" OS)                       |
| 43    | 35772       | 2   | Piston Pin Retaining Ring                 |
| 45    | 35681       | 1   | Connecting Rod Ass'y. (Incl. 46, 47, 49)  |
| 46    | 650908      | 1   | Connecting Rod Bolt                       |
| 47    | 650882      | 1   | Connecting Rod Bolt                       |
| 48    | 34034       | 2   | Valve Lifter                              |
| 49    | 35374       | 1   | Oil Dipper                                |
| 50    | 35375       | 1   | Camshaft (MCR)                            |
| 60    | 33273A      | 1   | Blower Housing Extension                  |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                       |
| 69    | 35262A      | 1   | * Cylinder Cover Gasket                   |
| 70    | 35376       | 1   | Cylinder Cover (Incl. 71, 75 & 80)        |
| 71    | 35377       | 1   | Crankshaft Bushing                        |
| 72    | 27642       | 1   | Oil Drain Plug                            |
| 75    | 35319       | 1   | Oil Seal                                  |
| 80    | 31845       | 1   | Governor Shaft                            |
| 81    | 30590A      | 1   | Washer                                    |
| 82    | 35378       | 1   | Governor Gear Ass'y. (Incl. 81)           |
| 83    | 30588A      | 1   | Governor Spool                            |
| 84    | 29193       | 1   | Retaining Ring                            |
| 86    | 650833      | 7   | Screw, 1/4-20 x 1-3/16"                   |
| 87    | 650832      | 1   | Screw, 1/4-20 x 1-11/16"                  |
| 89    | 32589       | 1   | Flywheel Key                              |
| 90    | 611090      | 1   | Flywheel                                  |
| 92    | 650880      | 1   | Lock Washer                               |
| 93    | 650881      | 1   | Flywheel Nut                              |
| 100   | 35135       | 1   | Solid State Ignition                      |
| 101   | 610118      | 1   | Spark Plug Cover                          |
| 102   | 650872      | 2   | Solid State Mounting Stud                 |
| 103   | 651007      | 2   | Screw, Torx T-15, 10-24 x 15/16"          |
| 110   | 35187       | 1   | Ground Wire                               |
| 119   | 36451       | 1   | * Cylinder Head Gasket                    |

| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 120   | 36449       | 1   | Cylinder Head                         |
| 125   | 27878A      | 1   | Exhaust Valve (Std.) (Incl. 151)      |
| 125   | 27880A      | 1   | Exhaust Valve (1/32" OS) (Incl. 151)  |
| 126   | 34035       | 1   | Intake Valve (Std.) (Incl. 151)       |
| 126   | 34036       | 1   | Intake Valve (1/32" OS) (Incl. 151)   |
| 127   | 650691      | 9   | Washer                                |
| 128   | 650690      | 7   | Belleville Washer                     |
| 130A  | 650727      | 2   | Screw, 5/16-18 x 1-3/4"               |
| 130B  | 650713      | 2   | Screw, 5/16-18 x 5/8"                 |
| 130   | 650694A     | 7   | Screw, 5/16-18 x 2"                   |
| 133   | 650890      | 1   | Lock Washer                           |
| 135   | 33636       | 1   | Resistor Spark Plug (RJ17LM)          |
| 139   | 33369       | 1   | Governor Gear Bracket                 |
| 140   | 650836      | 2   | Screw, 10-24 x 1/2"                   |
| 149   | 27882       | 1   | Valve Spring Cap                      |
| 149A  | 35862       | 1   | Valve Spring Cap                      |
| 150   | 27881       | 2   | Valve Spring                          |
| 151   | 32581       | 2   | Valve Spring Keeper                   |
| 169   | 27896A      | 2   | * Breather 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"                   |
| 178   | 29752       | 2   | Nut & Lock Washer, 1/4-28             |
| 182   | 30088A      | 2   | Screw, 1/4-28 x 1"                    |
| 184   | 33263       | 1   | * Carburetor To Intake Pipe Gasket    |
| 185   | 34707       | 1   | Intake Pipe                           |
| 186   | 34661       | 1   | Governor Link                         |
| 200   | 34677       | 1   | Control Bracket (Incl. 19, 203 & 204) |
| 203   | 31342       | 1   | Compression Spring                    |
| 204   | 650549      | 1   | Screw, 5-40 x 7/16"                   |
| 206   | 610973      | 1   | Terminal                              |
| 207   | 33878       | 1   | Throttle Link                         |
| 209   | 650821      | 2   | Screw, 10-32 x 1/2"                   |
| 215   | 32410       | 1   | Control Knob                          |
| 223   | 650378      | 2   | Screw, Torx T-30, 5/16-18 x 1-1/8"    |
| 224   | 27915A      | 1   | * Intake Pipe Gasket                  |
| 260   | 36251       | 1   | Blower Housing                        |
| 261   | 650788      | 2   | Screw, 5/16-18 x 3/4"                 |
| 262   | 29747B      | 2   | Screw, Torx T-40, 5/16-24 x 21/32"    |
| 264A  | 650802      | 1   | Screw, 1/4-20 x 5/8"                  |
| 265   | 33272B      | 1   | Cylinder Head Cover                   |
| 276   | 31588       | 1   | Locking Plate                         |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"              |
| 281   | 33013       | 1   | Starter Bubble Cover                  |
| 282   | 650760      | 1   | Screw, 8-32 x 3/8"                    |
| 285   | 35985B      | 1   | Starter Cup                           |
| 287   | 29752       | 4   | Nut & Lock Washer, 1/4-28             |
| 290   | 30705       | 1   | Fuel Line                             |
| 292   | 26460       | 2   | Fuel Line Clamp                       |
| 298   | 650665      | 2   | Screw, 1/4-15 x 3/4"                  |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)           |
| 301   | 35650       | 1   | Fuel Cap                              |
| 304   | 35480       | 1   | Fuel Cap Retainer                     |
| 311   | 35941       | 1   | Oil Fill Tube                         |
| 325   | 29443       | 1   | Wire Clip                             |
| 340   | 34154       | 1   | Fuel Tank Bracket                     |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                                                                             |
|-------|-------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 341   | 34155       | 1   | Fuel Tank Bracket                                                                                                                                                                                                                       |
| 342   | 650561      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                                                                    |
| 370   | 36261       | 1   | Lubrication Decal                                                                                                                                                                                                                       |
| 370K  | 36695       | 1   | Starter Decal                                                                                                                                                                                                                           |
| 370B  | 35703       | 1   | Throttle Decal                                                                                                                                                                                                                          |
| 370C  | 35274       | 1   | Oil Instruction Decal                                                                                                                                                                                                                   |
| 380   | 632242      | 1   | Carburetor (Incl. 184)                                                                                                                                                                                                                  |
| 390   | 590704      | 1   | Rewind Starter (Note: This engine could have been built with 590671 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin 518). |
| 400   | 36452A      | 1   | * Gasket Set (Incl. items marked PK i n notes) Incl. part #'s 27272A (1), 27896A (2), 27915A (1), 29673 (1), 33263 (1), 33629 (1), 34698A (1), 35262A (1), 35317 (1), 36451 (1)                                                         |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                                                                       |

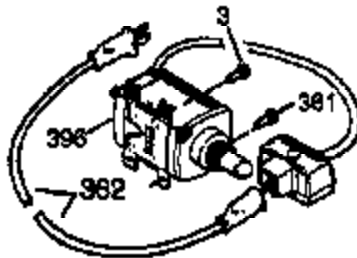


## Engine Parts List #2

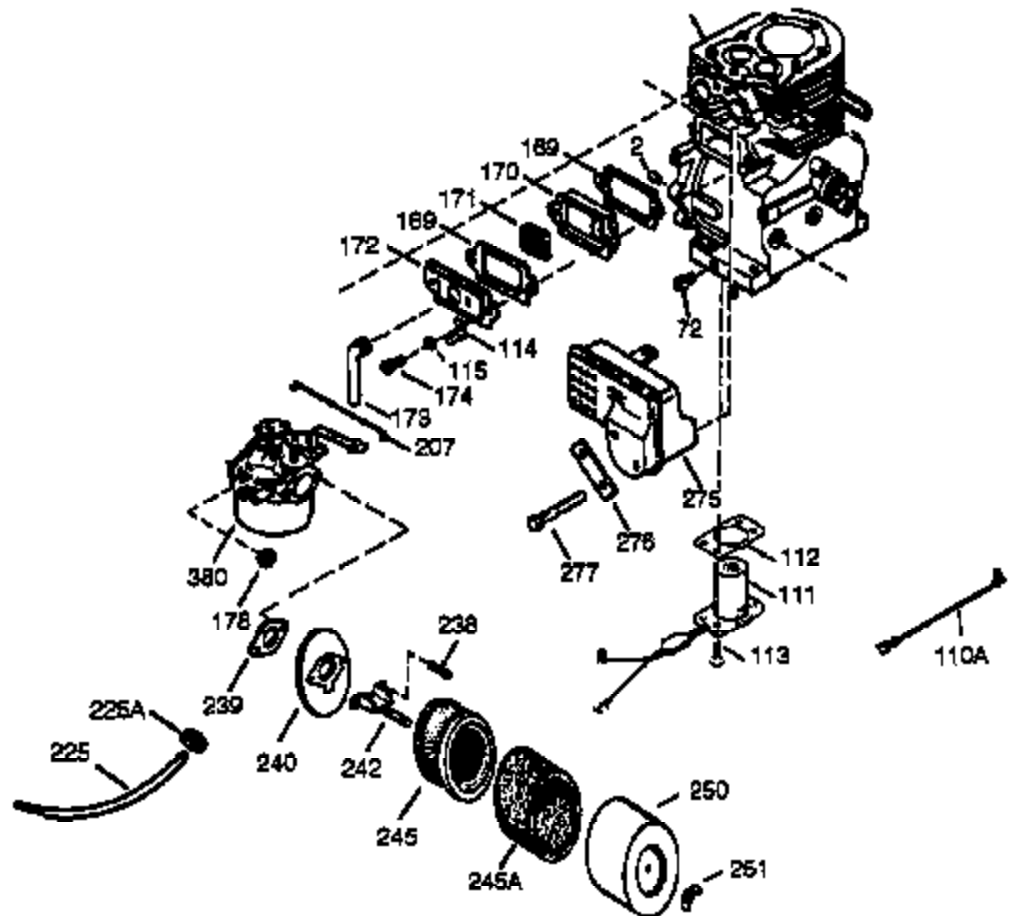
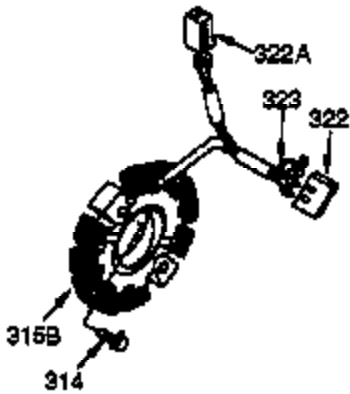
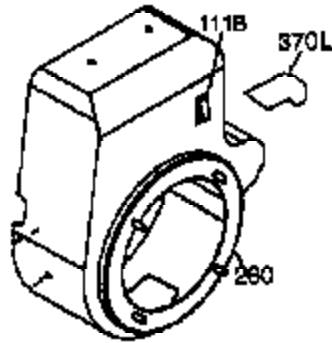
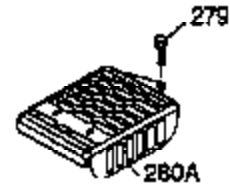
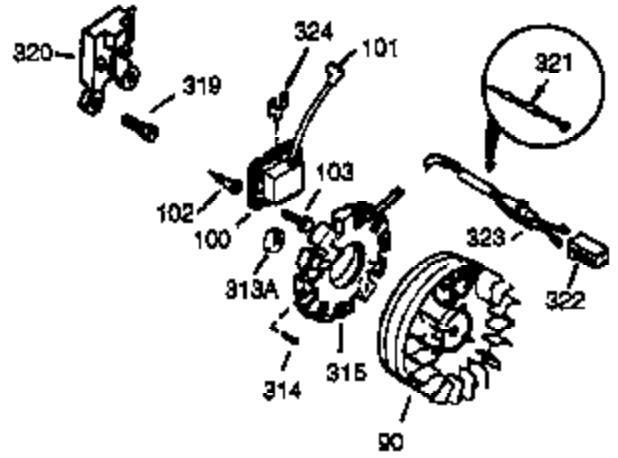
| Ref # | Part Number | Qty | Description              |
|-------|-------------|-----|--------------------------|
| 19    | 34663       | 1   | Speed Control Spring     |
| 203   | 31342       | 1   | Compression Spring       |
| 204   | 650549      | 1   | Screw, 5-40 x 7/16"      |
| 238   | 28820       | 2   | Screw, 10-32 x 1/2"      |
| 239   | 27272A      | 1   | * Air Cleaner Gasket     |
| 240   | 33266       | 1   | Air Cleaner Body         |
| 242   | 33267       | 1   | Air Cleaner Bracket      |
| 245   | 33268       | 1   | Air Cleaner Filter       |
| 250   | 33269A      | 1   | Air Cleaner Cover        |
| 251   | 650513      | 1   | Wing Nut, 1/4-20         |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16" |
| 290   | 30705       | 1   | Fuel Line                |
| 298   | 650665      | 2   | Screw, 1/4-15 x 3/4"     |
| 301   | 35650       | 1   | Fuel Cap                 |



OPTIONAL MUFFLER  
(QUIET)



OPTIONAL 110-120 VOLT  
STARTER MOTOR KIT



| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 2     | 27652       | 2   | Dowel Pin                        |
| 72    | 27642       | 1   | Oil Drain Plug                   |
| 90    | 611090      | 1   | Flywheel                         |
| 100   | 35135       | 1   | Solid State Ignition             |
| 101   | 610118      | 1   | Spark Plug Cover                 |
| 102   | 650872      | 2   | Solid State Mounting Stud        |
| 103   | 651007      | 2   | Screw, Torx T-15, 10-24 x 15/16" |
| 169   | 27896A      | 2   | * Breather 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"              |
| 178   | 29752       | 2   | Nut & Lock Washer, 1/4-28        |
| 207   | 33878       | 1   | Throttle Link                    |
| 238   | 28820       | 2   | Screw, 10-32 x 1/2"              |
| 239   | 27272A      | 1   | * Air Cleaner Gasket             |
| 240   | 33266       | 1   | Air Cleaner Body                 |
| 242   | 33267       | 1   | Air Cleaner Bracket              |
| 245   | 33268       | 1   | Air Cleaner Filter               |
| 250   | 33269A      | 1   | Air Cleaner Cover                |
| 251   | 650513      | 1   | Wing Nut, 1/4-20                 |
| 260   | 36251       | 1   | Blower Housing                   |
| 275   | 34185B      | 1   | Muffler                          |
| 276   | 31588       | 1   | Locking Plate                    |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"         |
| 380   | 632242      | 1   | Carburetor (Incl. 184)           |