



| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 1     | 35385       | 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    | 35420A      | 1   | Crankshaft                                |
| 35    | 29826       | 1   | Screw, 10-32 x 3/4"                       |
| 37    | 29216       | 1   | Lock Nut, 10-32                           |
| 38    | 29642       | 1   | Retaining Ring                            |
| 40    | 34552       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 34553       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 34554       | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 34329A      | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 34330A      | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 34331A      | 1   | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42    | 34332       | 1   | Ring Set (Std.)                           |
| 42    | 34333       | 1   | Ring Set (.010" OS)                       |
| 42    | 34334       | 1   | Ring Set (.020" OS)                       |
| 43    | 27888       | 2   | Piston Pin Retaining Ring                 |
| 45    | 35373A      | 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    | 35262       | 1   | * Cylinder Cover Gasket                   |
| 70    | 33626B      | 1   | Cylinder Cover (Incl. 75 & 80)            |
| 72    | 27642       | 2   | Oil Drain Plug                            |
| 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   | 650814      | 2   | Screw, Torx T-15, 10-24 x 1"              |
| 110   | 35187       | 1   | Ground Wire                               |
| 119   | 36448       | 1   | * Cylinder Head Gasket                    |
| 120   | 36449       | 1   | Cylinder Head                             |
| 125   | 27880A      | 1   | Exhaust Valve (1/32" OS) (Incl. 151)      |
| 125   | 27878A      | 1   | Exhaust Valve (Std.) (Incl. 151)          |

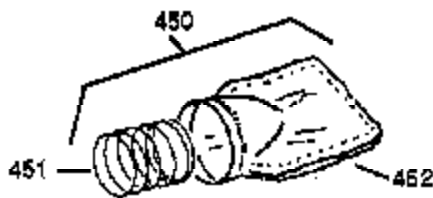
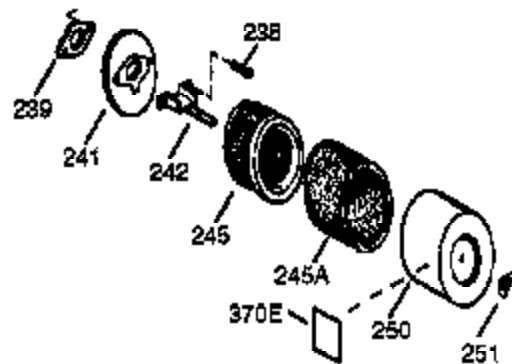
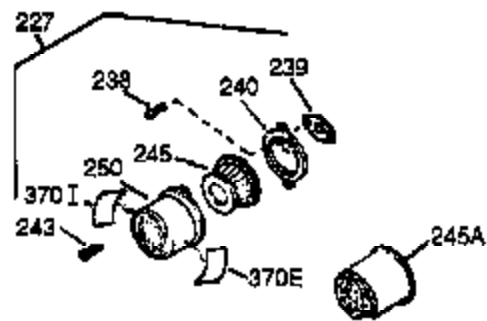
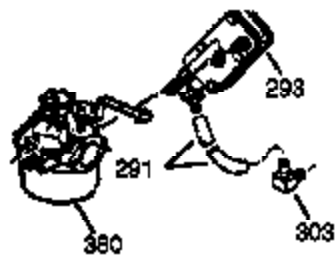
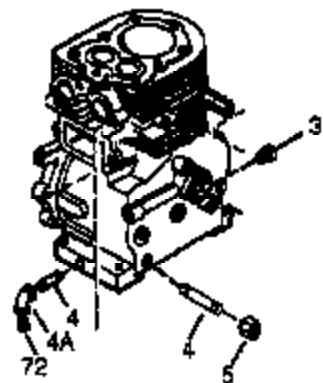
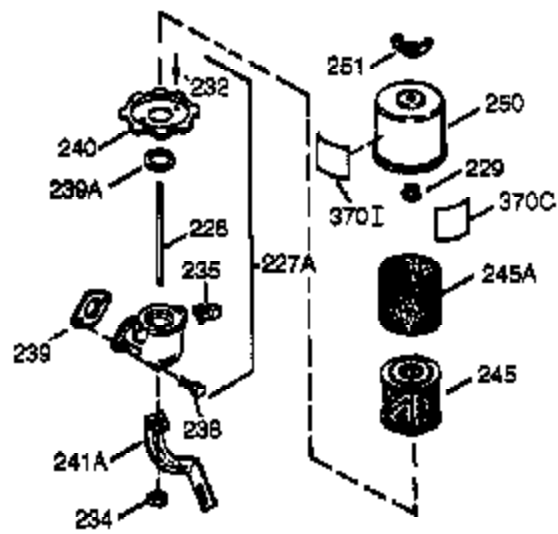
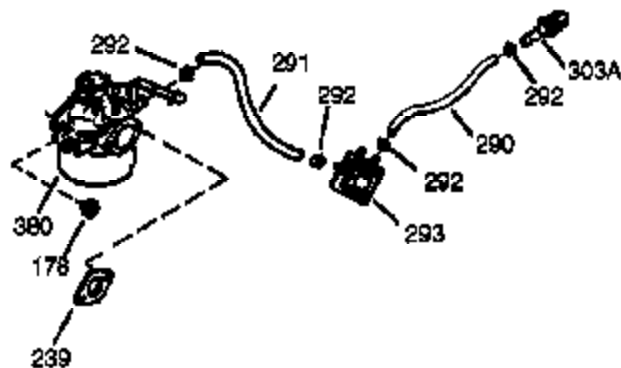
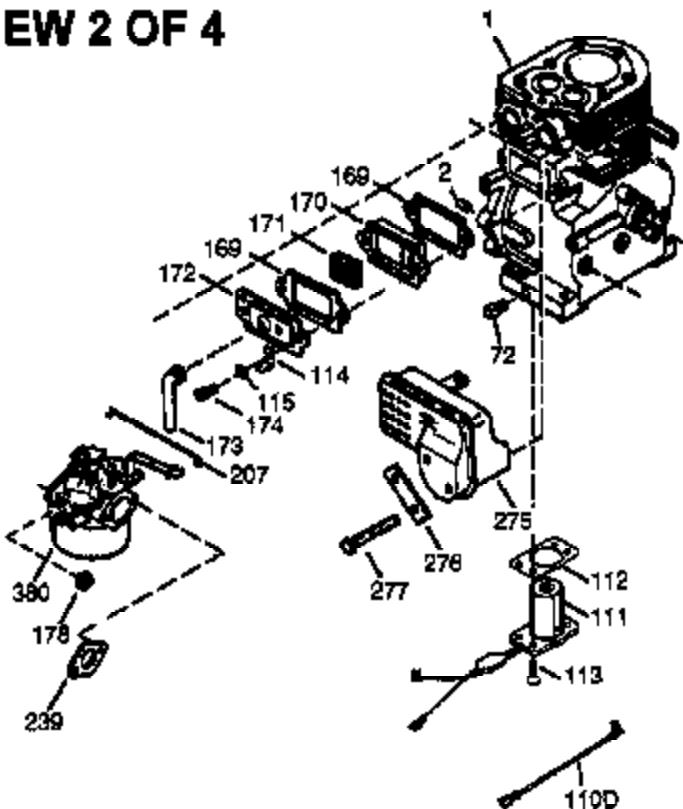
| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 126   | 34035       | 1   | Intake Valve (Std.) (Incl. 151)       |
| 126   | 34036       | 1   | Intake Valve (1/32" OS) (Incl. 151)   |
| 127   | 650691      | 9   | Washer                                |
| 128   | 650690      | 7   | Belleville Washer                     |
| 129   | 650727      | 2   | Screw, 5/16-18 x 1-3/4"               |
| 130   | 650694A     | 7   | Screw, 5/16-18 x 2"                   |
| 131A  | 650713      | 2   | Screw, 5/16-18 x 5/8"                 |
| 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                           |
| 173A  | 32446       | 1   | Breather Tube Grommet                 |
| 173   | 34696       | 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   | 34667       | 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                  |
| 225   | 35043       | 1   | Carburetor Tube                       |
| 260   | 34833B      | 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"    |
| 264   | 650802      | 1   | Screw, 1/4-20 x 5/8"                  |
| 265   | 33272B      | 1   | Cylinder Head Cover                   |
| 275   | 34185A      | 1   | Muffler                               |
| 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   | 35985A      | 1   | Starter Cup                           |
| 286   | 35446       | 1   | Starter Screen                        |
| 287   | 29752       | 4   | Nut & Lock Washer, 1/4-28             |
| 296   | 34279B      | 1   | Fuel Filter (Incl. 292)               |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)           |
| 301   | 35355       | 1   | Fuel Cap                              |
| 305   | 35554       | 1   | Oil Fill Tube                         |
| 307   | 35499       | 1   | "O" Ring                              |
| 308   | 35540       | 1   | Fill Tube Clip                        |
| 310   | 36205       | 1   | Dipstick                              |
| 325   | 29443       | 1   | Wire Clip                             |
| 327   | 35392       | 1   | Starter Plug                          |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 340   | 34155       | 1   | Fuel Tank Bracket                                                                                                                                                                                 |
| 341   | 34154       | 1   | Fuel Tank Bracket                                                                                                                                                                                 |
| 342   | 650561      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                              |
| 370   | 36261       | 1   | Instruction Decal                                                                                                                                                                                 |
| 370B  | 34704       | 1   | Instruction Decal                                                                                                                                                                                 |
| 370A  | 34686       | 1   | Name Decal                                                                                                                                                                                        |
| 370C  | 35274       | 1   | Instruction Decal                                                                                                                                                                                 |
| 370D  | 35703       | 1   | Control Decal                                                                                                                                                                                     |
| 380   | 632325      | 1   | Carburetor (Incl. 184)                                                                                                                                                                            |
| 390   | 590671      | 1   | Rewind Starter (NOTE: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) |
| 400   | 36450       | 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), 35262 (1), 36448 (1)                               |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                                 |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

## VIEW 2 OF 4

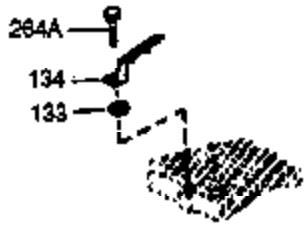


## Engine Parts List #2

| Ref # | Part Number | Qty | Description                                    |
|-------|-------------|-----|------------------------------------------------|
| 1     | 35385       | 1   | Cylinder (Incl. 2 & 20)                        |
| 2     | 27652       | 2   | Dowel Pin                                      |
| 72    | 27642       | 2   | Oil Drain Plug                                 |
| 129   | 650727      | 2   | Screw, 5/16-18 x 1-3/4"                        |
| 131A  | 650713      | 2   | Screw, 5/16-18 x 5/8"                          |
| 169   | 27896A      | 2   | * Breather Gasket                              |
| 170   | 28423       | 1   | Breather Body                                  |
| 171   | 28424       | 1   | Breather Element                               |
| 172   | 28425       | 1   | Valve Cover                                    |
| 173A  | 32446       | 1   | Breather Tube Grommet                          |
| 174   | 650128      | 2   | Screw, 10-24 x 1/2"                            |
| 178   | 29752       | 2   | Nut & Lock Washer, 1/4-28                      |
| 207   | 33878       | 1   | Throttle Link                                  |
| 225   | 35043       | 1   | Carburetor Tube                                |
| 227   | 35044       | 1   | Air Cleaner Elbow (Incl.228,229,232,2 39A&242) |
| 228   | 650851      | 1   | Stud, 1/4-20 x 8.1"                            |
| 229   | 650825      | 1   | Nut & Lock Washer, 1/4-20                      |
| 232   | XXXXX       | 2   | Pop Rivet (1/8") (Can be purchased locally)    |
| 234   | 650852      | 1   | Nut, 1/4-20                                    |
| 235   | 30675       | 1   | Air Cleaner Elbow Fitting                      |
| 238   | 650163      | 2   | Screw, 10-32 x 7/8"                            |
| 239   | 27272A      | 1   | * Air Cleaner Gasket                           |
| 239A  | 34698A      | 1   | Air Cleaner Gasket                             |
| 241A  | 35045       | 1   | Air Cleaner Collar                             |
| 242   | 34699       | 1   | Air Cleaner Base                               |
| 245   | 34700       | 1   | Air Cleaner Filter                             |
| 245A  | 34703       | 1   | Air Cleaner Filter                             |
| 250   | 35602       | 1   | Air Cleaner Cover                              |
| 251   | 650513      | 1   | Wing Nut, 1/4-20                               |
| 264   | 650802      | 1   | Screw, 1/4-20 x 5/8"                           |
| 275   | 34185A      | 1   | Muffler                                        |
| 276   | 31588       | 1   | Locking Plate                                  |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                       |
| 290   | 30705       | 1   | Fuel Line                                      |
| 291   | 29774       | 1   | Fuel Line (1.44/1.56")                         |
| 292   | 26460       | 2   | Fuel Line Clamp                                |
| 292   | 26460       | 4   | Fuel Line Clamp                                |
| 308   | 35540       | 1   | Fill Tube Clip                                 |
| 370C  | 35274       | 1   | Instruction Decal                              |
| 370D  | 35703       | 1   | Control Decal                                  |
| 380   | 632325      | 1   | Carburetor (Incl. 184)                         |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)              |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

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## Engine Parts List #3

| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16    | 33454       | 1   | Governor Lever                                                                                                                                                                                    |
| 17    | 29916       | 1   | Governor Lever Clamp                                                                                                                                                                              |
| 18    | 650548      | 1   | Screw, 8-32 x 5/16"                                                                                                                                                                               |
| 23    | 33627       | 1   | Ball Bearing                                                                                                                                                                                      |
| 28    | 30322       | 1   | Lock Nut, 8-32                                                                                                                                                                                    |
| 30    | 35420A      | 1   | Crankshaft                                                                                                                                                                                        |
| 32    | 33628       | 1   | Washer                                                                                                                                                                                            |
| 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                                                                                                                                                                                    |
| 69    | 35262       | 1   | * Cylinder Cover Gasket                                                                                                                                                                           |
| 70    | 33626B      | 1   | Cylinder Cover (Incl. 75 & 80)                                                                                                                                                                    |
| 74    | 31855       | 2   | Bearing Retainer                                                                                                                                                                                  |
| 75    | 33625       | 1   | Oil Seal                                                                                                                                                                                          |
| 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                                                                                                                                                                                      |
| 92    | 650880      | 1   | Lock Washer                                                                                                                                                                                       |
| 129   | 650727      | 2   | Screw, 5/16-18 x 1-3/4"                                                                                                                                                                           |
| 131A  | 650713      | 2   | Screw, 5/16-18 x 5/8"                                                                                                                                                                             |
| 173A  | 32446       | 1   | Breather Tube Grommet                                                                                                                                                                             |
| 175   | 650778      | 2   | Lock Washer                                                                                                                                                                                       |
| 176   | 650580      | 2   | Lock Nut, 10-24                                                                                                                                                                                   |
| 225   | 35043       | 1   | Carburetor Tube                                                                                                                                                                                   |
| 264   | 650802      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                              |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                                                                                                                                                                          |
| 285   | 35985A      | 1   | Starter Cup                                                                                                                                                                                       |
| 290   | 30705       | 1   | Fuel Line                                                                                                                                                                                         |
| 291   | 29774       | 1   | Fuel Line (1.44/1.56")                                                                                                                                                                            |
| 292   | 26460       | 2   | Fuel Line Clamp                                                                                                                                                                                   |
| 292   | 26460       | 4   | Fuel Line Clamp                                                                                                                                                                                   |
| 295   | 35857       | 1   | Fuel Shut-Off Valve                                                                                                                                                                               |
| 296   | 34279B      | 1   | Fuel Filter (Incl. 292)                                                                                                                                                                           |
| 298   | 650665      | 2   | Screw, 1/4-15 x 3/4"                                                                                                                                                                              |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)                                                                                                                                                                       |
| 301   | 35355       | 1   | Fuel Cap                                                                                                                                                                                          |
| 308   | 35540       | 1   | Fill Tube Clip                                                                                                                                                                                    |
| 370D  | 35703       | 1   | Control Decal                                                                                                                                                                                     |
| 390   | 590671      | 1   | Rewind Starter (NOTE: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                                 |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

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377 378

313A 375

103

STD. POINT

300 388 301 298A 339A 298B

342 336 341C 368B 342A

323A 322 321 323B 313 322B 323 322A 321 323 322C

315 314 315 314 315 314 315 314

370G 413 410 411 408 327 409 390

OPTIONAL DEBRIS SCREEN KIT

425 426 427

OPTIONAL STARTER MUFF KIT

418

OPTIONAL SPARK ARRESTOR KIT

275B 414A

OPTIONAL QUIET MUFFLER

433 431 429 430 432

OPTIONAL ADD-ON ALTERNATOR  
AC LIGHTING OR DC CHARGING

## Engine Parts List #4

| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 103   | 650814      | 2   | Screw, Torx T-15, 10-24 x 1"                                                                                                                                                                      |
| 129   | 650727      | 2   | Screw, 5/16-18 x 1-3/4"                                                                                                                                                                           |
| 131A  | 650713      | 2   | Screw, 5/16-18 x 5/8"                                                                                                                                                                             |
| 173A  | 32446       | 1   | Breather Tube Grommet                                                                                                                                                                             |
| 225   | 35043       | 1   | Carburetor Tube                                                                                                                                                                                   |
| 264   | 650802      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                              |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)                                                                                                                                                                       |
| 301   | 35355       | 1   | Fuel Cap                                                                                                                                                                                          |
| 308   | 35540       | 1   | Fill Tube Clip                                                                                                                                                                                    |
| 327   | 35392       | 1   | Starter Plug                                                                                                                                                                                      |
| 342   | 650561      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                              |
| 370D  | 35703       | 1   | Control Decal                                                                                                                                                                                     |
| 390   | 590671      | 1   | Rewind Starter (NOTE: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                                 |