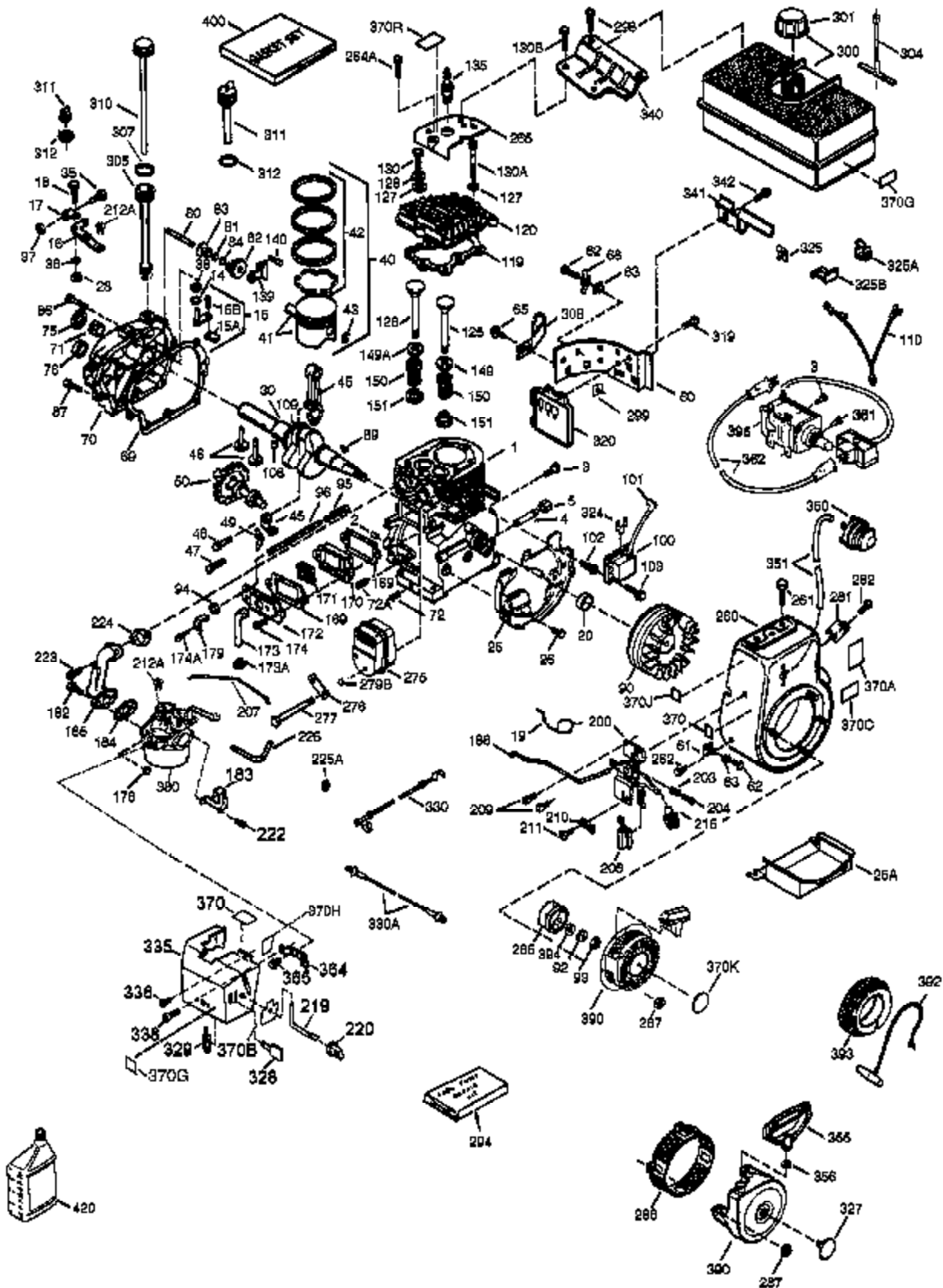




## Engine Parts List #1

| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 1     | 35385       | 1   | Cylinder (Incl. 2 & 20)                   |
| 2     | 27652       | 2   | Dowel Pin                                 |
| 15B   | 650494      | 1   | Screw, 6-40 x 5/16"                       |
| 15    | 30699C      | 1   | Governor Rod (Incl. 15A & 15B)            |
| 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                  |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"                        |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                       |
| 69    | 35262A      | 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   | 27878A      | 1   | Exhaust Valve (Std.) (Incl. 151)          |

## Engine Parts List #1

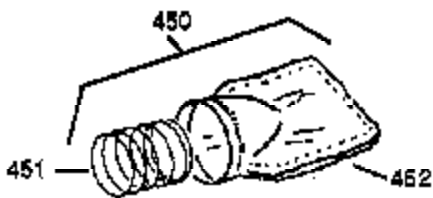
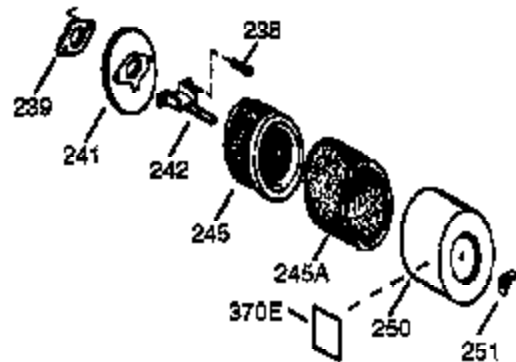
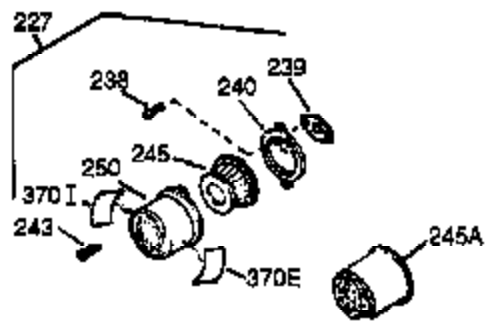
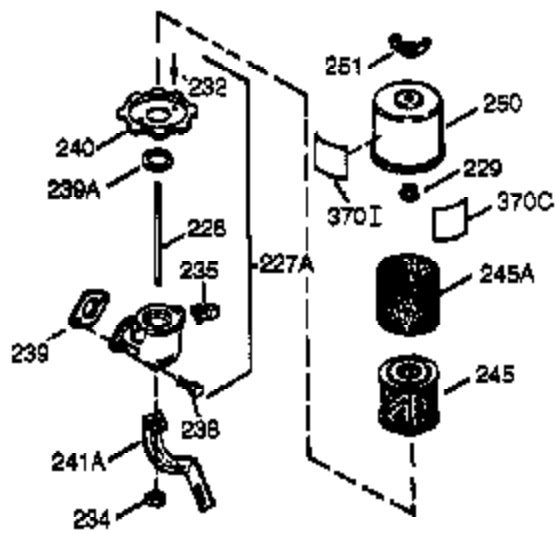
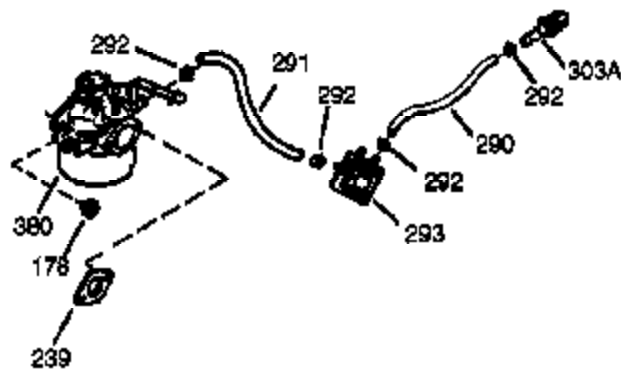
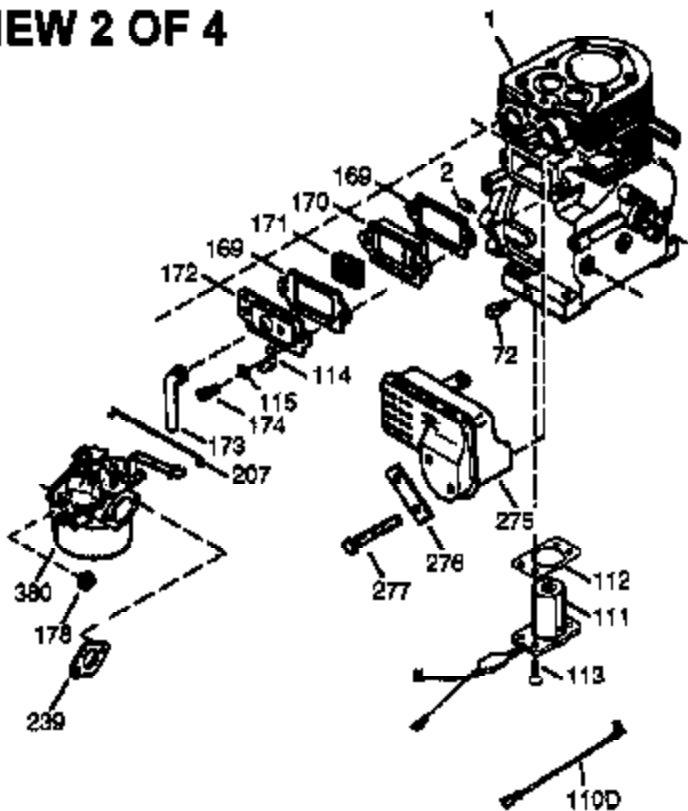
| Ref # | Part Number | Qty | Description                                |
|-------|-------------|-----|--------------------------------------------|
| 125   | 27880A      | 1   | Exhaust Valve (1/32" OS) (Incl. 151)       |
| 126   | 34035       | 1   | Intake Valve (Std.) (Incl. 151)            |
| 126   | 34036       | 1   | Intake Valve (1/32" OS) (Incl. 151)        |
| 127   | 650691      | 9   | Washer                                     |
| 128   | 650690      | 7   | Belleville Washer                          |
| 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   | 34703       | 1   | Intake Pipe                                |
| 186   | 34667       | 1   | Governor Link                              |
| 200   | 34677       | 1   | Control Bracket (Incl. 19, 203, 204 & 206) |
| 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   | 35440       | 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   | 35985B      | 1   | Starter Cup                                |
| 286   | 35446       | 1   | Starter Screen                             |
| 287   | 29752       | 4   | Nut & Lock Washer, 1/4-28                  |
| 299   | 650764      | 1   | "U" Type Nut                               |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)                |
| 301   | 35355       | 1   | Fuel Cap                                   |
| 305   | 35554       | 1   | Oil Fill Tube                              |
| 307   | 35499       | 1   | "O" Ring                                   |
| 308A  | 35995       | 1   | Oil Fill Tube Clip                         |
| 310   | 36205       | 1   | Dipstick                                   |
| 325   | 29443       | 1   | Wire Clip                                  |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 327   | 35392       | 1   | Starter Plug                                                                                                                                                                                      |
| 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                                                                                                                                                                                 |
| 370A  | 34686       | 1   | Name Decal                                                                                                                                                                                        |
| 370B  | 34704       | 1   | Instruction 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   | 36450A      | 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), 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**

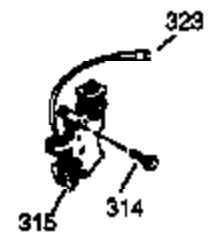
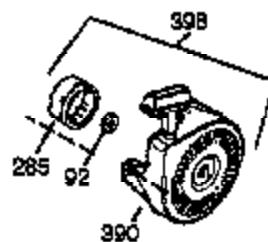
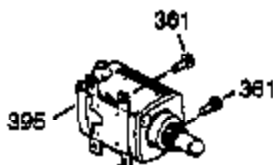
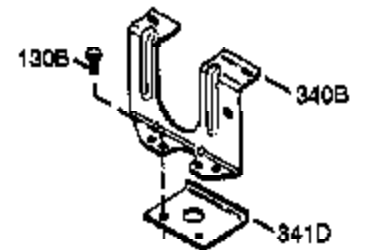
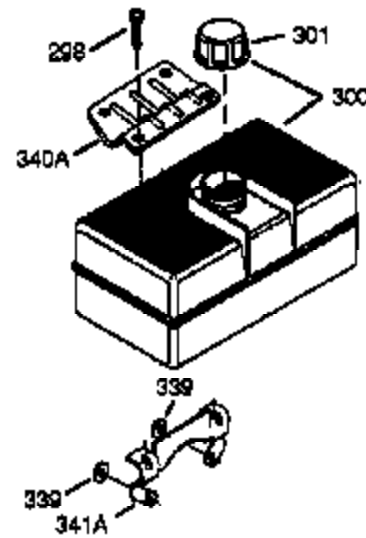
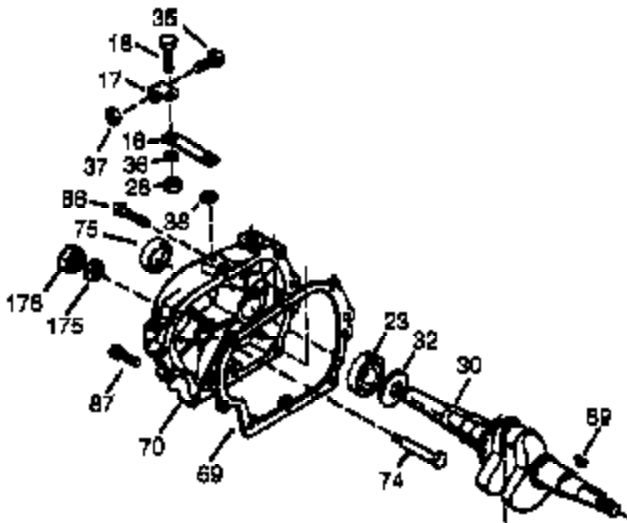
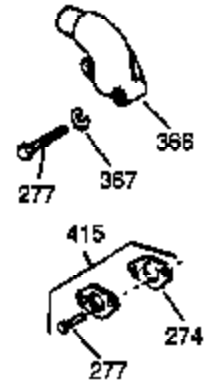
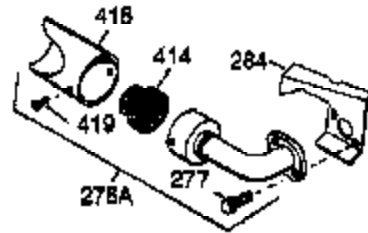
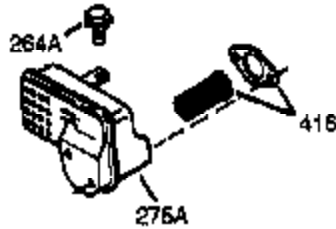
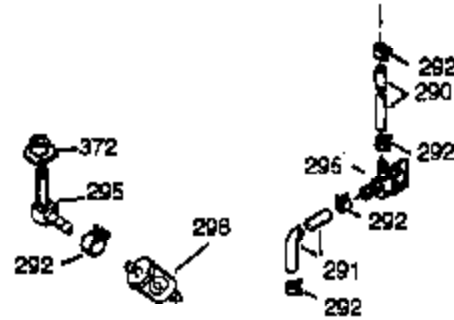
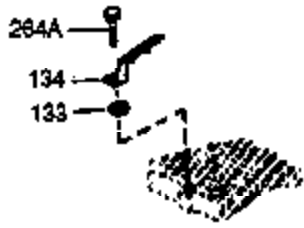


## Engine Parts List #2

| 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"                            |
| 239A  | 34698A      | 1   | * Air Cleaner Gasket                           |
| 239   | 27272A      | 1   | * Air Cleaner Gasket                           |
| 241A  | 35045       | 1   | Air Cleaner Collar                             |
| 242   | 34699       | 1   | Air Cleaner Base                               |
| 245A  | 34703       | 1   | Air Cleaner Filter                             |
| 245   | 34700       | 1   | Air Cleaner Filter                             |
| 250   | 34702       | 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                                      |
| 292   | 26460       | 4   | Fuel Line Clamp                                |
| 308A  | 35995       | 1   | Oil 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.

## VIEW 3 OF 4



## 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    | 35262A      | 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   | 35985B      | 1   | Starter Cup                                                                                                                                                                                       |
| 290   | 30705       | 1   | Fuel Line                                                                                                                                                                                         |
| 291   | 29774       | 1   | Fuel Line                                                                                                                                                                                         |
| 292   | 26460       | 4   | Fuel Line Clamp                                                                                                                                                                                   |
| 295   | 35857       | 1   | Fuel Shut-Off Valve                                                                                                                                                                               |
| 298   | 650665      | 2   | Screw, 1/4-15 x 3/4"                                                                                                                                                                              |
| 300   | 34156A      | 1   | Fuel Tank (Incl. 292 & 301)                                                                                                                                                                       |
| 301   | 35355       | 1   | Fuel Cap                                                                                                                                                                                          |
| 308A  | 35995       | 1   | Oil 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.

VIEW 4 OF 4

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

433 431 430 429 432

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                                                                                                                                                                                          |
| 308A  | 35995       | 1   | Oil 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)                                                                                                                                                                 |