



| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 1     | 35966       | 1   | Cylinder (Incl. 2 & 20)                   |
| 2     | 27652       | 2   | Dowel Pin                                 |
| 14    | 28277       | 1   | Washer                                    |
| 15    | 30699C      | 1   | Governor Rod (Incl. 15A & 15B)            |
| 15A   | 30700       | 1   | Governor Yoke                             |
| 15B   | 650494      | 1   | Screw, 6-40 x 5/16"                       |
| 16    | 33454A      | 1   | Governor Lever Ass'y                      |
| 17    | 29916       | 1   | Governor Lever Clamp                      |
| 18    | 651028      | 1   | Screw, Torx T-15, 8-32 x 3/8"             |
| 20    | 35319       | 1   | Oil Seal                                  |
| 25    | 36460       | 1   | Blower Housing Baffle                     |
| 25A   | 36244       | 1   | Air Baffle                                |
| 26    | 650561      | 2   | Screw, 1/4-20 x 5/8"                      |
| 28    | 30322       | 1   | Lock Nut, 8-32                            |
| 30    | 37492       | 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    | 40011       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 40012       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 41    | 40009       | 1   | Piston & Pin Ass'y (Std.) (Incl. 43)      |
| 41    | 40010       | 1   | Piston & Pin Ass'y (.010" OS) (Incl. 43)  |
| 42    | 40013       | 1   | Ring Set (Std.)                           |
| 42    | 40014       | 1   | Ring Set (.010" OS)                       |
| 43    | 27888       | 2   | Piston Pin Retaining Ring                 |
| 45    | 36897       | 1   | Connecting Rod Ass'y (Incl. 47 & 49)      |
| 47    | 651033      | 2   | Connecting Rod Bolt                       |
| 48    | 34034       | 2   | Valve Lifter                              |
| 49    | 36896       | 1   | Oil Dipper                                |
| 50    | 35375       | 1   | Camshaft (MCR)                            |
| 60    | 33273A      | 1   | Blower Housing Extension                  |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                       |
| 69    | 37342       | 1   | * Cylinder Cover Gasket                   |
| 70    | 33626B      | 1   | Cylinder Cover (Incl. 74,75,80,175 & 176) |
| 72    | 27642       | 2   | Oil Drain Plug                            |
| 75    | 33625       | 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    | 611093      | 1   | Flywheel                                  |
| 92    | 650880      | 1   | Lock Washer                               |
| 93    | 650881      | 1   | Flywheel Nut                              |
| 94    | 651016      | 1   | Lock Nut, 10-32                           |
| 95    | 30886A      | 1   | Extension Spring                          |
| 96    | 30845A      | 1   | R.P.M. Adjusting Bolt                     |
| 100   | 35135       | 1   | Solid State Ignition                      |
| 101   | 610118      | 1   | Spark Plug Cover                          |
| 102   | 651024      | 2   | Solid State Mounting Stud                 |
| 103   | 651007      | 2   | Screw, Torx T-15, 10-24 x 15/16"          |
| 110A  | 36993       | 1   | Ground Wire                               |
| 110   | 35589       | 1   | Ground Wire                               |
| 111   | 611220      | 1   | Low Oil Shut-Down Switch (Incl. 112)      |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                          |
|-------|-------------|-----|--------------------------------------|
| 112   | 35967A      | 1   | * Oil Sensor Gasket                  |
| 113   | 650950      | 4   | Screw, Torx T-25, 10-24 x 5/8"       |
| 119   | 36448       | 1   | * Cylinder Head Gasket               |
| 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      | 9   | Belleville Washer                    |
| 130A  | 651031      | 1   | Screw, 1/4-20 x 9/16"                |
| 130   | 650694A     | 9   | Screw, 5/16-18 x 2"                  |
| 135   | 33636       | 1   | Resistor Spark Plug (RJ17LM)         |
| 139   | 33369       | 1   | Governor Gear Bracket                |
| 140   | 650836      | 2   | Screw, 10-24 x 1/2"                  |
| 149A  | 35862       | 1   | Valve Spring Cap                     |
| 149   | 27882       | 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   | 33877       | 1   | Intake Pipe                          |
| 207   | 33878       | 1   | Throttle Link                        |
| 223   | 650378      | 2   | Screw, Torx T-30, 5/16-18 x 1-1/8"   |
| 224   | 27915A      | 1   | * Intake Pipe Gasket                 |
| 239   | 27272A      | 1   | * Air Cleaner Gasket                 |
| 242   | 33267       | 1   | Air Cleaner Bracket                  |
| 245   | 33268       | 1   | Air Cleaner Filter                   |
| 245A  | 35881       | 1   | Air Cleaner Filter                   |
| 250   | 33269A      | 1   | Air Cleaner Cover                    |
| 251   | 37444       | 1   | Wing Nut, 1/4-20                     |
| 260   | 36243A      | 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"             |
| 285   | 35985B      | 1   | Starter Cup                          |
| 287   | 29752       | 4   | Nut & Lock Washer, 1/4-28            |
| 311   | 35941       | 1   | Oil Fill Plug                        |
| 324   | 33177       | 1   | Terminal                             |
| 325A  | 27275       | 1   | Wire Clip                            |
| 325   | 29443       | 1   | Wire Clip                            |
| 342   | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"      |
| 361   | 650990      | 4   | Screw 1/4-20 x 15/32"                |
| 370G  | 35274       | 1   | Oil Instruction Decal                |
| 370K  | 36695       | 1   | Starter Decal                        |
| 370   | 36261       | 1   | Identification Decal                 |
| 380   | 632351      | 1   | Carburetor (Incl. 184)               |

| Ref # | Part Number | Qty | Description                                                                                                                                                         |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 390   | 590746      | 1   | Rewind Starter (NOTE: This engine could have been built with 590704 starter.)                                                                                       |
| 400   | 36450A      | 1   | * Gasket Set (Incl. items marked PK in notes) Incl. part #'s 27272A (1), 27896A (2), 27915A (1), 29673 (1), 33263 (1), 33629 (1), 34698A (1), 35262A (1), 36448 (1) |
| 420   | 730225A     | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                   |

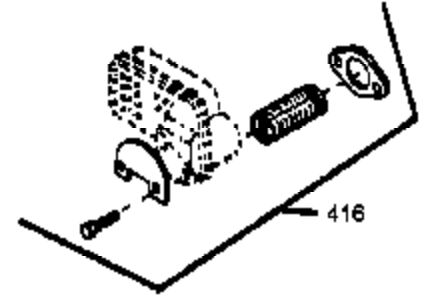


## Engine Parts List #2

| Ref # | Part Number | Qty | Description                                                                   |
|-------|-------------|-----|-------------------------------------------------------------------------------|
| 72    | 27642       | 2   | Oil Drain Plug                                                                |
| 84    | 29193       | 1   | Retaining Ring                                                                |
| 92    | 650880      | 1   | Lock Washer                                                                   |
| 111B  | 611226      | 1   | Rocker On/Off Switch                                                          |
| 238   | 28820       | 2   | Screw, 10-32 x 1/2"                                                           |
| 239   | 27272A      | 1   | * Air Cleaner Gasket                                                          |
| 240   | 33266       | 1   | Air Cleaner Body                                                              |
| 245A  | 35881       | 1   | Air Cleaner Filter                                                            |
| 245   | 33268       | 1   | Air Cleaner Filter                                                            |
| 250   | 33269A      | 1   | Air Cleaner Cover                                                             |
| 251   | 37444       | 1   | Wing Nut, 1/4-20                                                              |
| 260   | 36243A      | 1   | Blower Housing                                                                |
| 275   | 34185B      | 1   | Muffler                                                                       |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                                                      |
| 285   | 35985B      | 1   | Starter Cup                                                                   |
| 290   | 30962       | 1   | Fuel Line                                                                     |
| 292   | 26460       | 5   | Fuel Line Clamp                                                               |
| 361   | 650990      | 4   | Screw 1/4-20 x 15/32"                                                         |
| 370L  | 36990       | 1   | Low Oil Decal                                                                 |
| 380   | 632351      | 1   | Carburetor (Incl. 184)                                                        |
| 390   | 590746      | 1   | Rewind Starter (NOTE: This engine could have been built with 590704 starter.) |
| 395   | 36680       | 1   | 12V Electric Starter                                                          |



OPTIONAL  
STARTER MUFF KIT



OPTIONAL  
SPARK ARRESTOR KIT



| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 14    | 28277       | 1   | Washer                                    |
| 16    | 33454A      | 1   | Governor Lever Ass'y                      |
| 17    | 29916       | 1   | Governor Lever Clamp                      |
| 18    | 651028      | 1   | Screw, Torx T-15, 8-32 x 3/8"             |
| 23    | 33627       | 1   | Ball Bearing                              |
| 28    | 30322       | 1   | Lock Nut, 8-32                            |
| 30    | 37492       | 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    | 37342       | 1   | * Cylinder Cover Gasket                   |
| 70    | 33626B      | 1   | Cylinder Cover (Incl. 74,75,80,175 & 176) |
| 74    | 31855       | 2   | Bearing Retainer                          |
| 75    | 33625       | 1   | Oil Seal                                  |
| 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                              |
| 175   | 650778      | 2   | Lock Washer                               |
| 176   | 650580      | 2   | Lock Nut, 10-24                           |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                  |
| 290   | 30962       | 1   | Fuel Line                                 |
| 292   | 26460       | 5   | Fuel Line Clamp                           |
| 296   | 34279B      | 1   | Fuel Filter (Incl. 292)                   |
| 314   | 650873      | 2   | Screw 1/4-20 x 3/4"                       |
| 315   | 611113      | 1   | Alternator Coil (3-Amp.)                  |
| 321   | 611161      | 1   | Diode                                     |
| 322   | 610921      | 1   | Connector Body                            |
| 323   | 610922      | 1   | Terminal                                  |
| 416   | 34479A      | 1   | Spark Arrestor Kit (Optional)             |