



| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|---|
| 1     | 36469A      | 1   | Cylinder (Incl. 2,20,72 & 125)            |
| 2     | 26727       | 2   | Dowel Pin                                 |
| 14    | 28277       | 1   | Washer                                    |
| 15    | 31334       | 1   | Governor Rod                              |
| 16    | 31510       | 1   | Governor Lever                            |
| 17    | 29916       | 1   | Governor Lever Clamp                      |
| 18    | 651028      | 1   | Screw, Torx T-15, 8-32 x 3/8"             |
| 19    | 31426       | 1   | Extension Spring                          |
| 19D   | 33857       | 1   | Extension Spring Ass'y.                   |
| 20    | 32600       | 1   | Oil Seal                                  |
| 25    | 36552       | 1   | Blower Housing Baffle (Incl. 262)         |
| 25A   | 35883       | 1   | Baffle Extension                          |
| 26A   | 650926      | 1   | Screw, 8-32 x 21/64"                      |
| 26    | 650802      | 2   | Screw, 1/4-20 x 5/8"                      |
| 30    | 34728       | 1   | Crankshaft                                |
| 40    | 36073       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 36074       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 36075       | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 36070       | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 36071       | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 36072       | 1   | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42    | 36076       | 1   | Ring Set (Std.)                           |
| 42    | 36077       | 1   | Ring Set (.010" OS)                       |
| 42    | 36078       | 1   | Ring Set (.020" OS)                       |
| 43    | 20381       | 2   | Piston Pin Retaining Ring                 |
| 45    | 32875A      | 1   | Connecting Rod Ass'y. (Incl. 46 & 49)     |
| 46    | 32610A      | 2   | Connecting Rod Bolt                       |
| 48    | 27241       | 2   | Valve Lifter                              |
| 49    | 32654       | 1   | Oil Dipper                                |
| 50    | 33158       | 1   | Camshaft (BCR)                            |
| 60    | 29745       | 1   | Blower Housing Extension                  |
| 64    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"           |
| 64A   | 8345        | 1   | Washer                                    |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                       |
| 69    | 27677A      | 1   | * Cylinder Cover Gasket                   |
| 70    | 30756C      | 1   | Cylinder Cover (Incl. 75 thru 83,311)     |
| 72A   | 28582       | 1   | Oil Drain Plug                            |
| 72    | 27642       | 2   | Oil Drain Plug                            |
| 75    | 28540       | 1   | Oil Seal                                  |
| 80    | 30574A      | 1   | Governor Shaft                            |
| 81    | 30590A      | 1   | Washer                                    |
| 82    | 30591       | 1   | Governor Gear Ass'y. (Incl. 81)           |
| 83    | 30588A      | 1   | Governor Spool                            |
| 86    | 650488      | 7   | Screw, 1/4-20 x 1-1/4"                    |
| 89    | 610961      | 1   | Flywheel Key                              |
| 90    | 611203      | 1   | Flywheel                                  |
| 92    | 650815      | 1   | Belleville Washer                         |
| 93    | 650816      | 1   | Flywheel Nut                              |
| 100   | 34443A      | 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"          |
| 118   | 35515       | 1   | Rope Guard                                |
| 119   | 36443       | 1   | * Cylinder Head Gasket                    |
| 120   | 36441       | 1   | Cylinder Head (Incl. 131)                 |
| 125   | 36471       | 1   | Exhaust Valve (Std.) (Incl. 151)          |
| 125   | 36472       | 1   | Exhaust Valve (1/32" OS) (Incl. 151)      |
| 126   | 32645A      | 1   | Intake Valve (1/32" OS) (Incl. 151)       |

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|-------|-------------|-----|--|
| 126   | 32644A      | 1   | Intake Valve (Std.) (Incl. 151)  |
| 127   | 650691      | 1   | Washer   |
| 130A  | 6021A       | 2   | Screw, 5/16-18 x 1-1/2"  |
| 130B  | 650818      | 1   | Screw, 5/16-18 x 1-1/2"  |
| 130   | 650694A     | 5   | Screw, 5/16-18 x 2"  |
| 135   | 33636       | 1   | Resistor Spark Plug (RJ17LM)   |
| 150   | 31672       | 2   | Valve Spring   |
| 151   | 31673       | 2   | Valve Spring Cap   |
| 169   | 27234A      | 2   | * Valve Cover Gasket   |
| 170   | 27666       | 1   | Breather Body  |
| 171   | 31410       | 1   | Breather Element   |
| 172   | 34146       | 1   | Valve Cover  |
| 173   | 35350       | 1   | Breather Tube  |
| 174   | 30200       | 2   | Screw, 10-24 x 9/16"   |
| 178   | 29752       | 2   | Nut & Lock Washer, 1/4-28  |
| 181   | 650870      | 1   | Screw, 1/4-28 x 1-11/16"   |
| 182   | 6201        | 1   | Screw, 1/4-28 x 7/8"   |
| 184   | 26756       | 1   | * Carburetor To Intake Pipe Gasket   |
| 185   | 33666       | 1   | Intake Pipe  |
| 186   | 32698       | 1   | Governor Link  |
| 200   | 730136A     | 1   | Control Bracket (Incl. 19,203 thru 21 1)   |
| 203   | 31342       | 1   | Compression Spring   |
| 204   | 651029      | 1   | Screw, 5-40 x 7/16"  |
| 209A  | 30322       | 2   | Lock Nut, 8-32   |
| 209   | 650139      | 2   | Screw, 8-32 x 1/2"   |
| 210   | 27793       | 1   | Conduit Clip   |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"  |
| 213   | 28942       | 1   | Screw, 10-32 x 3/8"  |
| 223   | 30646       | 1   | Screw, 1/4-20 x 1-3/8"   |
| 223A  | 650664      | 1   | Screw, 1/4-20 x 1-19/32"   |
| 224   | 33673A      | 1   | * Intake Pipe Gasket   |
| 260   | 35758       | 1   | Blower Housing   |
| 262   | 650737      | 2   | Screw, 1/4-20 x 1/2"   |
| 267   | 34212       | 1   | Hold Down Bracket  |
| 268   | 30200       | 1   | Screw, 10-24 x 9/16"   |
| 274   | 33670A      | 1   | * Exhaust Gasket   |
| 275   | 35771       | 1   | Muffler (Incl. 274)  |
| 277   | 650327      | 2   | Screw, 1/4-20 x 2-1/2"   |
| 285   | 36467A      | 1   | Starter Cup  |
| 287   | 650926      | 2   | Screw, 8-32 x 21/64"   |
| 290   | 30962       | 1   | Fuel Line  |
| 292   | 26460       | 2   | Fuel Line Clamp  |
| 298   | 650665      | 2   | Screw, 1/4-15 x 7/8"   |
| 300   | 35591       | 1   | Fuel Tank (Incl. 292 & 301)  |
| 301   | 36246       | 1   | Fuel Cap   |
| 313   | 34080       | 1   | Spacer   |
| 325   | 29443       | 1   | Wire Clip  |
| 340   | 35230       | 1   | Fuel Tank Bracket  |
| 342   | 650561      | 1   | Screw, 1/4-20 x 5/8"   |
| 361A  | 650738      | 2   | Screw, 1/4-20 x 5/8"   |
| 370K  | 36695       | 1   | Starter Decal  |
| 370A  | 36261       | 1   | Lubrication Decal  |
| 380   | 631923      | 1   | Carburetor (Incl. 184)   |
| 390   | 590732      | 1   | Rewind Starter (NOTE: This engine could hav been built with 590738 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin 116). |

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|-------|-------------|-----|---|
| 400   | 36444       | 1   | * Gasket Set (Incl. items marked PK i n notes) Incl. part #'s<br>26756 (1), 27234A (2), 27272A (1), 27677A (1), 29673 (1),<br>33670A (1), 33673A (1), 36443 (1) |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)   |



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| 16    | 31510       | 1   | Governor Lever                               |
| 17    | 29916       | 1   | Governor Lever Clamp                         |
| 18    | 651028      | 1   | Screw, Torx T-15, 8-32 x 3/8"                |
| 23    | 28458       | 1   | Ball Bearing                                 |
| 27    | 28539       | 1   | Bearing Retainer                             |
| 28    | 30322       | 1   | Lock Nut, 8-32                               |
| 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    | 27677A      | 1   | * Cylinder Cover Gasket                      |
| 70    | 30756C      | 1   | Cylinder Cover (Incl. 75 thru 83,311)        |
| 74    | 30200       | 2   | Screw, 10-24 x 9/16"                         |
| 74A   | 28537       | 2   | Washer                                       |
| 75    | 28540       | 1   | Oil Seal                                     |
| 86    | 650488      | 7   | Screw, 1/4-20 x 1-1/4"                       |
| 90    | 611203      | 1   | Flywheel                                     |
| 92    | 650815      | 1   | Belleville Washer                            |
| 93    | 650816      | 1   | Flywheel Nut                                 |
| 100   | 34443A      | 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"             |
| 137   | 29752       | 1   | Nut & Lock Washer, 1/4-28                    |
| 169   | 27234A      | 2   | * Valve Cover Gasket                         |
| 170   | 27666       | 1   | Breather Body                                |
| 171   | 31410       | 1   | Breather Element                             |
| 172   | 34146       | 1   | Valve Cover                                  |
| 173   | 35350       | 1   | Breather Tube                                |
| 174   | 30200       | 2   | Screw, 10-24 x 9/16"                         |
| 200   | 730136A     | 1   | Control Bracket (Incl. 19,203 thru 21 1)     |
| 203   | 31342       | 1   | Compression Spring                           |
| 204   | 651029      | 1   | Screw, 5-40 x 7/16"                          |
| 209   | 650139      | 2   | Screw, 8-32 x 1/2"                           |
| 209A  | 30322       | 2   | Lock Nut, 8-32                               |
| 238   | 650152      | 2   | Screw, 8-32 x 3/8"                           |
| 239   | 27272A      | 1   | * Air Cleaner Gasket                         |
| 242   | 31914       | 1   | Air Cleaner Base                             |
| 243   | 28820       | 2   | Screw, 10-32 x 1/2"                          |
| 245   | 30727       | 1   | Air Cleaner Filter                           |
| 250   | 31715       | 1   | Air Cleaner Cover                            |
| 262   | 650737      | 2   | Screw, 1/4-20 x 1/2"                         |
| 275   | 35771       | 1   | Muffler (Incl. 274)                          |
| 285   | 36467A      | 1   | Starter Cup                                  |
| 290   | 30962       | 1   | Fuel Line                                    |
| 298   | 650665      | 2   | Screw, 1/4-15 x 7/8"                         |
| 311   | 27625       | 2   | Oil Fill Plug                                |
| 313   | 34080       | 1   | Spacer                                       |
| 313A  | 35189       | 1   | Spacer                                       |
| 314   | 650873      | 2   | Screw, 1/4-20 x 3/4"                         |
| 315   | 611113      | 1   | Alternator Coil (3 Amp) (Incl. 321 thru 323) |
| 321   | 611161      | 1   | Diode  |
| 322   | 610921      | 1   | Connector Body                               |
| 323   | 610922      | 2   | Terminal (Female)                            |
| 361A  | 650738      | 2   | Screw, 1/4-20 x 5/8"                         |
| 380   | 631923      | 1   | Carburetor (Incl. 184)                       |

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| 390   | 590732      | 1   | Rewind Starter (NOTE: This engine could hav been built with 590738 starter. Refer to the design of the rope pulley strength ribs for part identification. Individual starter parts do not interchange. Refer to service bulletin 116). |
| 395   | 33607A      | 1   | Electric Starter Motor (12 Volt)   |