



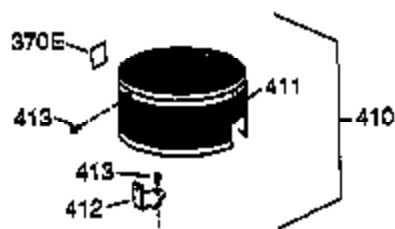
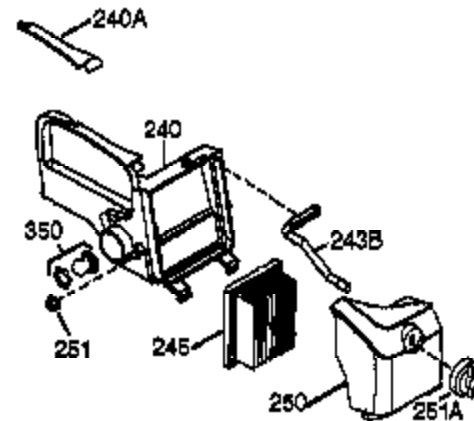
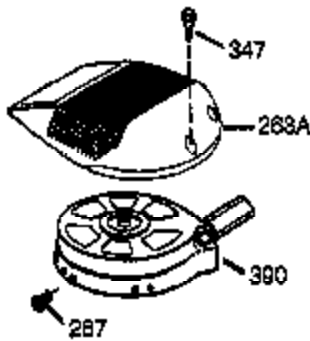
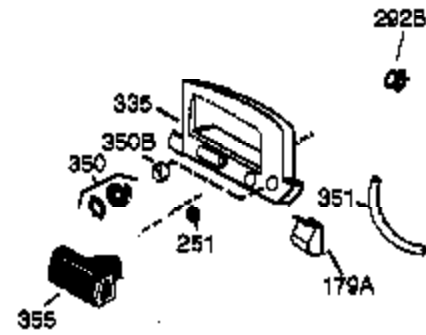
## Engine Parts List #1

| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 1     | 36169       | 1   | Cylinder (Incl. 2,10,20 & 125)        |
| 2     | 27652       | 2   | Dowel Pin                             |
| 6     | 36059       | 1   | Breather Element                      |
| 9     | 590568      | 3   | Screw, 10-24 x 3/4"                   |
| 10    | 36002       | 1   | Breather Valve Body                   |
| 11    | 36003       | 1   | Check Valve                           |
| 12C   | 36005A      | 1   | * Breather Cover & Gasket             |
| 12    | 36001       | 1   | Breather Tube                         |
| 14    | 28277       | 1   | Washer                                |
| 15    | 36006       | 1   | Governor Rod (Machined)               |
| 16    | 36008       | 1   | Governor Lever                        |
| 17    | 31335       | 1   | Governor Lever Clamp                  |
| 18    | 651018      | 1   | Screw, Torx T-15, 8-32 x 19/64"       |
| 19    | 36103       | 1   | Governor Spring                       |
| 20    | 36010       | 1   | Oil Seal                              |
| 25    | 36091A      | 1   | Blower Housing Baffle (Incl.195)      |
| 26    | 650802      | 3   | Screw, 1/4-20 x 5/8"                  |
| 30    | 36170       | 1   | Crankshaft                            |
| 40    | 40004       | 1   | Piston,Pin,Ring Set (Std.)            |
| 40    | 40005       | 1   | Piston,Pin,Ring Set (.010 OS)         |
| 41    | 36070       | 1   | Piston & Pin Ass'y.(Std.) (Incl. 43)  |
| 41    | 36071       | 1   | Piston & Pin Ass'y.(.010 OS)(Incl.43) |
| 42    | 40006       | 1   | Ring Set (Std.)                       |
| 42    | 40007       | 1   | Ring Set (.010 OS)                    |
| 43    | 20381       | 2   | Piston Pin Retaining Ring             |
| 45    | 36023A      | 1   | Connecting Rod Ass'y. (Incl. 46)      |
| 46    | 32610A      | 2   | Connecting Rod Bolt                   |
| 48    | 36030       | 2   | Valve Lifter                          |
| 50    | 36031A      | 1   | Camshaft (MCR)                        |
| 52    | 29914       | 1   | Oil Pump Ass'y.                       |
| 69    | 36032A      | 1   | * Mounting Flange Gasket              |
| 70    | 36151       | 1   | Mounting Flange (Incl. 72 thru 85)    |
| 72    | 36083       | 1   | Oil Drain Plug                        |
| 75    | 36010       | 1   | Oil Seal                              |
| 80    | 30574A      | 1   | Governor Shaft                        |
| 81    | 30590A      | 1   | Washer                                |
| 82    | 30591       | 1   | Governor Gear Ass'y. (Incl.81)        |
| 83    | 36057       | 1   | Governor Spool                        |
| 85    | 36034       | 1   | Idler Gear                            |
| 86    | 650924      | 7   | Screw, 1/4-20 x 1-9/16"               |
| 89    | 611154      | 1   | Flywheel Key                          |
| 90    | 611155      | 1   | Flywheel                              |
| 91    | 611156      | 1   | Flywheel Fan                          |
| 92    | 650815      | 1   | Belleville Washer                     |
| 93    | 650816      | 1   | Flywheel Nut                          |
| 100   | 34443A      | 1   | Solid State Ignition                  |
| 101   | 610118      | 1   | Spark Plug Cover                      |
| 103   | 651007      | 2   | Screw, Torx T-15, 10-24 x 15/16"      |
| 110   | 36054       | 1   | Ground Wire                           |
| 110C  | 36230       | 1   | Ground Wire                           |
| 119   | 36061       | 1   | * Cylinder Head Gasket                |
| 120   | 36120A      | 1   | Cylinder Head                         |
| 125   | 36471       | 1   | Exhaust Valve (Std.) (Incl. 151)      |
| 125   | 36472       | 1   | Exhaust Valve (1/32" OS)              |
| 126   | 29314B      | 1   | Intake Valve (Std.) (Incl. 151)       |
| 126   | 29315C      | 1   | Intake Valve (1/32" OS)               |
| 130   | 6021A       | 7   | Screw, 5/16-18 x 1-1/2"               |
| 135   | 35395       | 1   | Resistor Spark Plug (RJ19LM)          |

| Ref # | Part Number | Qty | Description                             |
|-------|-------------|-----|-----------------------------------------|
| 150   | 31672       | 2   | Valve Spring                            |
| 151A  | 40016       | 1   | Intake Valve Seal                       |
| 151   | 31673       | 2   | Lower Valve Spring Cap                  |
| 169   | 27234A      | 1   | * Valve Spring Box Gasket               |
| 172   | 32755       | 1   | Valve Spring Box Cover                  |
| 174   | 30200       | 2   | Screw, 10-24 x 9/16"                    |
| 177   | 650925A     | 2   | Carburetor Mounting Stud                |
| 186   | 36009       | 1   | Governor Link                           |
| 187B  | 36035       | 1   | * Carburetor Gasket/Air Baffle          |
| 190   | 36013       | 1   | Brake Lever Ass'y.                      |
| 191A  | 36012       | 1   | Brake Control Lever                     |
| 192   | 36016       | 1   | Brake Control Lever Link                |
| 193   | 36015       | 1   | Brake Spring                            |
| 194   | 36014       | 2   | Retaining Ring                          |
| 195   | 610973      | 1   | Terminal Ass'y.                         |
| 198   | 36017       | 1   | Brake Control Lever Spring              |
| 199   | 36018       | 2   | Brake Lever Bushing                     |
| 202   | 36482       | 1   | Compression Spring                      |
| 203   | 31342       | 1   | Compression Spring                      |
| 204   | 651029      | 1   | Screw, Torx T-10, 5-40 x 7/16"          |
| 205   | 651030      | 1   | Screw, Torx T-10, 6-32 x 17/32"         |
| 210   | 27793       | 1   | Conduit Clip                            |
| 211   | 28942       | 1   | Screw, 10-32 x 1/2"                     |
| 239   | 36048       | 1   | * Carburetor to Air Cleaner Gasket      |
| 240   | 36044A      | 1   | Air Cleaner Body (Incl. 239, 299 & 350) |
| 243   | 650899      | 1   | Screw, 10-32 x 2-3/32"                  |
| 245   | 36046       | 1   | Air Cleaner Filter                      |
| 245A  | 36102       | 1   | Air Cleaner Filter                      |
| 250   | 36047       | 1   | Air Cleaner Cover                       |
| 251   | 650928      | 2   | Lock Nut 1/4-20                         |
| 255   | 36105       | 1   | Control Plate                           |
| 256   | 650983      | 2   | Screw, 8-32 x 21/64"                    |
| 260   | 36038       | 1   | Blower Housing                          |
| 261   | 650737      | 3   | Screw, 1/4-20 x 1/2"                    |
| 262   | 650929      | 1   | Screw, 1/4-20 x 11/16"                  |
| 263   | 36080       | 1   | Trim Ring                               |
| 275   | 36107       | 1   | Muffler                                 |
| 276   | 36043       | 1   | Locking Plate                           |
| 277   | 650927      | 2   | Screw, 5/6-18 x 2-11/32"                |
| 285   | 34449A      | 1   | Starter Cup                             |
| 287   | 650926      | 2   | Screw, 8-32 x 21/64"                    |
| 290   | 34357       | 1   | Fuel Line                               |
| 292   | 26460       | 2   | Fuel Line Clamp                         |
| 299A  | 651022      | 1   | Multi-Thread "U" Type Nut Clip          |
| 300   | 36066       | 1   | Fuel Tank (Incl. 301)                   |
| 301   | 36246       | 1   | Fuel Cap                                |
| 305   | 36063       | 1   | Oil Fill Tube                           |
| 307   | 35499       | 1   | "O" Ring                                |
| 308   | 36040       | 1   | Fill Tube Clip                          |
| 310   | 36064       | 1   | Dipstick                                |
| 324   | 33177       | 1   | Terminal                                |
| 346A  | 28763       | 2   | Screw, 10-32 x 35/64"                   |
| 350   | 36045       | 1   | Primer                                  |
| 370A  | 36261       | 1   | Lubrication Decal                       |
| 370K  | 36695       | 1   | Starter Decal                           |
| 380   | 640020      | 1   | Carburetor (Incl. 187B & 239)           |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                                                                             |
|-------|-------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 390   | 590694      | 1   | Rewind Starter (NOTE: This engine could have been built with 590737 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). |
| 400   | 36062B      | 1   | * Gasket Set (Incl. items marked PK in notes). Incl. part #'s 27234A (1), 36005A (1), 36032A (1), 36035 (1), 36048 (1), 36061 (1)                                                                                                       |
| 416   | 36085       | 1   | Spark Arrestor Kit (Incl. 417)(Optional)                                                                                                                                                                                                |
| 417   | 650760      | 1   | Screw, 8-32 x 3/8" (Optional)                                                                                                                                                                                                           |
| 420   | 730225      | 1   | 4 Cycle Oil, SAE 30 (Quart)                                                                                                                                                                                                             |
| 514   | 36114       | 1   | Brake Lock-Out Device (Incl. 515)                                                                                                                                                                                                       |
| 515   | 650926      | 1   | Screw, 8-32 x 49/64"                                                                                                                                                                                                                    |



## Engine Parts List #2

| Ref # | Part Number | Qty | Description                                                                                                                                                                                                                             |
|-------|-------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 187B  | 36035       | 1   | * Carburetor Gasket/Air Baffle                                                                                                                                                                                                          |
| 240   | 36044A      | 1   | Air Cleaner Body (Incl.239,299 & 350)                                                                                                                                                                                                   |
| 245   | 36046       | 1   | Air Cleaner Filter                                                                                                                                                                                                                      |
| 250   | 36047       | 1   | Air Cleaner Cover                                                                                                                                                                                                                       |
| 251   | 650928      | 2   | Lock Nut 1/4-20                                                                                                                                                                                                                         |
| 287   | 650926      | 2   | Screw, 8-32 x 21/64"                                                                                                                                                                                                                    |
| 350   | 36045       | 1   | Primer                                                                                                                                                                                                                                  |
| 390   | 590694      | 1   | Rewind Starter (NOTE: This engine could have been built with 590737 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). |