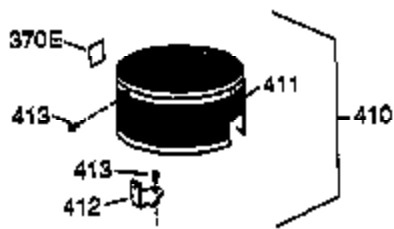
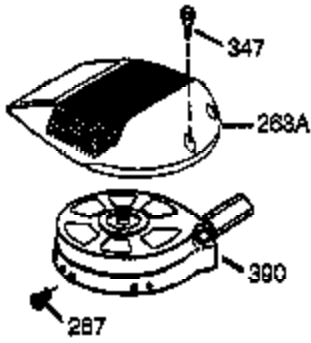
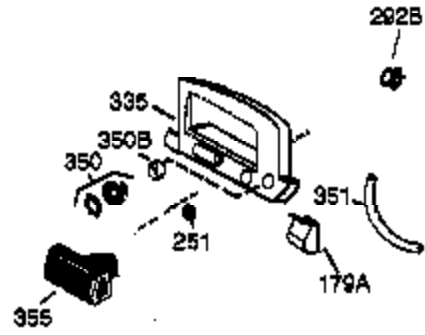




| Ref # | Part Number | Qty | Description                             |
|-------|-------------|-----|---|
| 1     | 36146       | 1   | Cylinder (Incl. 2,10,20 & 125)          |
| 2     | 27652       | 2   | Dowel Pin                               |
| 6     | 36059       | 1   | Breather Element                        |
| 9     | 590568      | 3   | Screw, 10-24 x 3/4"                     |
| 10    | 36002       | 1   | Breather Valve Body                     |
| 11    | 36003       | 1   | Check Valve                             |
| 12    | 36001       | 1   | Breather Tube                           |
| 12C   | 36005A      | 1   | * Breather Cover & Gasket               |
| 14    | 28277       | 1   | Flat Washer                             |
| 15    | 36006       | 1   | Governor Rod (Machined)                 |
| 16    | 36008       | 1   | Governor Lever                          |
| 17    | 31335       | 1   | Governor Lever Clamp                    |
| 18    | 650548      | 1   | Screw, 8-32 x 5/16"                     |
| 19    | 36103       | 1   | Governor Spring                         |
| 20    | 36010       | 1   | Oil Seal                                |
| 25    | 36091A      | 1   | Blower Housing Baffle Ass'y.(Incl.195 ) |
| 26    | 650802      | 3   | Screw, 1/4-20 x 5/8"                    |
| 30    | 36170       | 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    | 36023A      | 1   | Connecting Rod Ass'y. (Incl. 46)        |
| 46    | 32610A      | 2   | Connecting Rod Bolt                     |
| 48    | 36030       | 2   | Valve Lifter                            |
| 50    | 36031       | 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   | Idle 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                             |
| 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)                 |

| Ref # | Part Number | Qty | Description                           |
|-------|-------------|-----|---------------------------------------|
| 130   | 6021A       | 7   | Screw, 5/16-18 x 1-1/2"               |
| 135   | 35395       | 1   | Resistor Spark Plug (RJ19LM)          |
| 150   | 31672       | 2   | Valve Spring                          |
| 151   | 31673       | 2   | Lower Valve Spring Cap                |
| 151A  | 40008       | 1   | Intake Valve Seal                     |
| 169   | 27234A      | 1   | * Valve Spring Box Gasket             |
| 172   | 32755       | 1   | Valve Spring Box Cover                |
| 174   | 30200       | 2   | Screw, 10-24 x 9/16"                  |
| 177   | 650925      | 2   | Carburetor Mounting Stud              |
| 186   | 36009       | 1   | Governor Link                         |
| 187B  | 36035       | 1   | * Carburetor Gasket/Air Baffle        |
| 190   | 36013       | 1   | Brake Lever Ass'y.                    |
| 191B  | 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   | 650549      | 1   | Screw, 5-40 x 7/16"                   |
| 205   | 650777      | 1   | Screw, 6-32 x 21/32"                  |
| 210   | 27793       | 1   | Conduit Clip                          |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                   |
| 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"                |
| 245A  | 36102       | 1   | Air Cleaner Filter                    |
| 245   | 36046       | 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   | 650929      | 3   | Screw, 1/4-20 x 11/16"                |
| 262   | 650737      | 1   | Screw, 1/4-20 x 1-1/2"                |
| 263   | 36080       | 1   | Recoil 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                       |
| 299   | 650900      | 1   | "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                              |
| 346A  | 28763       | 2   | Screw, 10-32 x 35/64"                 |
| 350   | 36045       | 1   | Primer                                |
| 370K  | 36695       | 1   | Starter Decal                         |
| 370A  | 36261       | 1   | Lubrication Decal                     |
| 380   | 632671      | 1   | Carburetor (Incl. 187B & 239)         |

| 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      |     | * 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 WARNING! Do not use the brake lock out device on engines required to meet CPSC safety standard for walkbehind power lawnmowers, Title 16, Part 1205 of the code of Federal Regulations or you will be in violation of the law. |



| 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). |