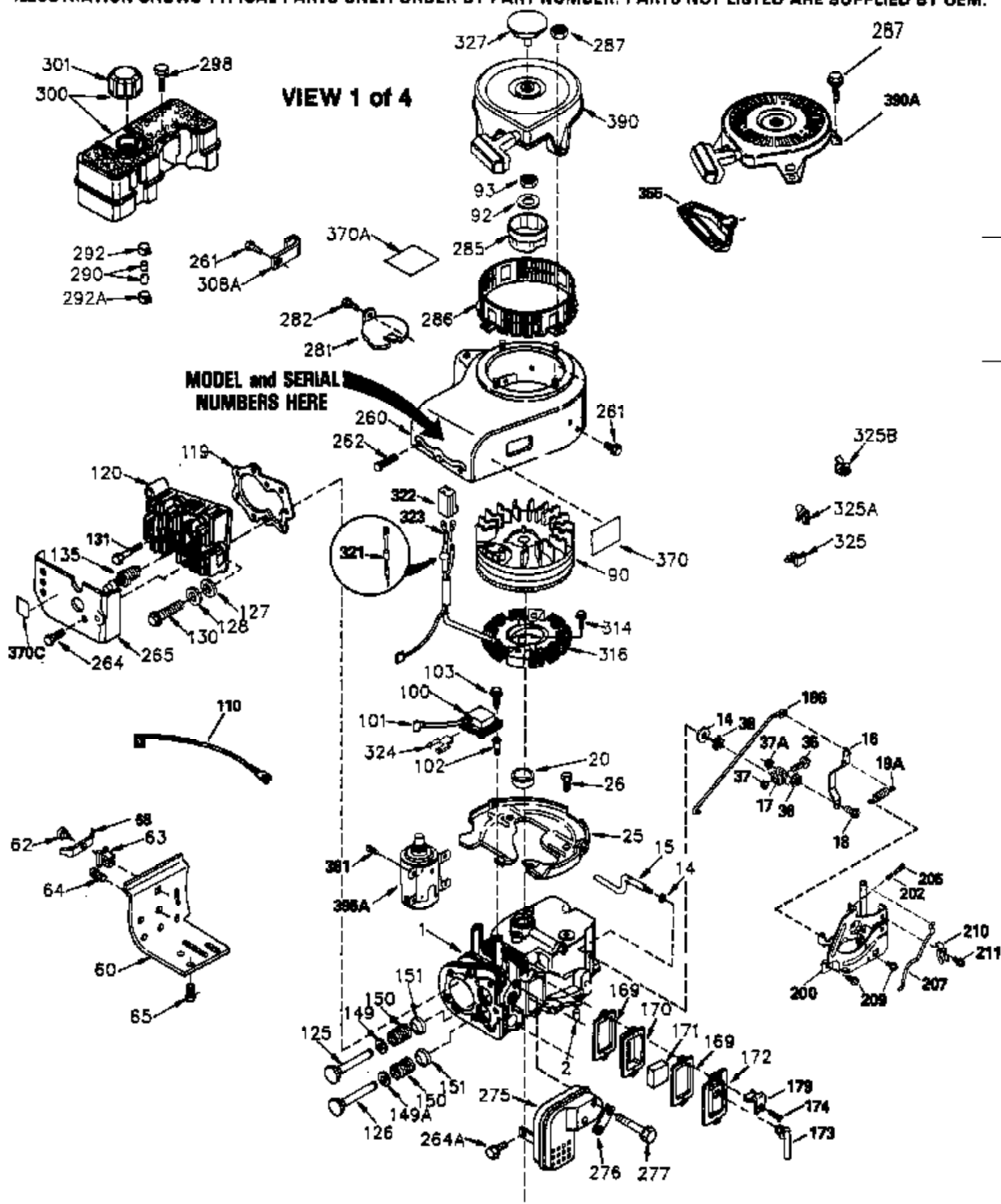


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.



| Ref # | Part Number | Qty | Description                                                                                                                                                |
|-------|-------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1     | 35421       |     | Cylinder (Incl. 2 & 20) (3-5/16" Bore )                                                                                                                    |
| 2     | 27652       |     | Dowel Pin                                                                                                                                                  |
| 14    | 28277       |     | Washer                                                                                                                                                     |
| 15    | 35082       |     | Governor Rod                                                                                                                                               |
| 16    | 32651       |     | Governor Lever                                                                                                                                             |
| 18    | 650548      |     | Screw, 8-32 x 5/16"                                                                                                                                        |
| 19A   | 35203       |     | Extension Spring                                                                                                                                           |
| 20    | 35319       |     | Oil Seal                                                                                                                                                   |
| 26    | 650561      |     | Screw, 1/4-20 x 5/8"                                                                                                                                       |
| 51    | 35315A      |     | Counterbalance Weight                                                                                                                                      |
| 60    | 33273A      |     | Blower Housing Extension                                                                                                                                   |
| 62    | 650760      |     | Screw, 8-32 x 3/8"                                                                                                                                         |
| 63    | 28545       |     | Grommet                                                                                                                                                    |
| 64    | 30063       |     | Screw, Torx T-30, 1/4-20 x 1/2"                                                                                                                            |
| 65    | 650128      |     | Screw, 10-24 x 1/2"                                                                                                                                        |
| 68    | 33356       |     | Ground Terminal                                                                                                                                            |
| 90    | 611093      |     | Flywheel (3 amp w/ring gear)                                                                                                                               |
| 92    | 650880      |     | Lock Washer                                                                                                                                                |
| 93    | 650881      |     | Flywheel Nut, 5/8-18                                                                                                                                       |
| 100   | 35135       |     | Solid State Ignition                                                                                                                                       |
| 101   | 610118      |     | Spark Plug Cover (use as required)                                                                                                                         |
| 102   | 650872      |     | Solid State Mounting Stud                                                                                                                                  |
| 103   | 650814      |     | Screw, Torx T-15, 10-24 x 1"                                                                                                                               |
| 119   | 34923A      |     | * Cylinder Head Gasket                                                                                                                                     |
| 120   | 34030A      |     | Cylinder Head                                                                                                                                              |
| 125   | 27878A      |     | Exhaust Valve (Std.) (Incl. 151)                                                                                                                           |
| 126   | 34035       |     | Intake Valve (Std.) (Incl. 151)                                                                                                                            |
| 127   | 650691      |     | Washer (Do not use with 6021A screw)                                                                                                                       |
| 128   | 650690      |     | Belleville Washer                                                                                                                                          |
| 130   | 650694A     |     | Screw, 5/16-18 x 2"                                                                                                                                        |
| 131   | 6021A       |     | Screw, 5/16-18 x 1-1/2" (Do not use w /650691)                                                                                                             |
| 135   | 33636       |     | Resistor Spark Plug (RJ17LM)                                                                                                                               |
| 149   | 27882       |     | Valve Spring Cap (Exhaust)                                                                                                                                 |
| 149A  | 35862       |     | Valve Spring Cap                                                                                                                                           |
| 150   | 27881       |     | Valve Spring                                                                                                                                               |
| 151   | 32581       |     | Valve Spring Keeper                                                                                                                                        |
| 169   | 27896A      |     | * Valve Cover Gasket                                                                                                                                       |
| 170   | 28423       |     | Breather Body                                                                                                                                              |
| 171   | 28424       |     | Breather Element                                                                                                                                           |
| 172   | 28425       |     | Valve Cover                                                                                                                                                |
| 173   | 35350       |     | Breather Tube                                                                                                                                              |
| 174   | 650128      |     | Screw, 10-24 x 1/2"                                                                                                                                        |
| 186   | 33860       |     | Governor Link                                                                                                                                              |
| 200   | 35201       |     | Control Bracket                                                                                                                                            |
| 202   | 33802       |     | Compression Spring                                                                                                                                         |
| 205   | 650777      |     | Screw, 6-32 x 21/32"                                                                                                                                       |
| 209   | 30200       |     | Screw, 10-24 x 9/16"                                                                                                                                       |
| 210   | 27793       |     | Conduit Clip                                                                                                                                               |
| 211   | 28942       |     | Screw, 10-32 x 3/8"                                                                                                                                        |
| 238   | 650834      |     | Screw, 10-32 x 1-17/32"                                                                                                                                    |
| 245A  | 35404       |     | Air Cleaner Filter                                                                                                                                         |
| 260   | 33635C      |     | Blower Housing (For electric starter) NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508. |
| 261   | 650788      |     | Screw, 5/16-18 x 3/4"                                                                                                                                      |
| 262   | 29747B      |     | Screw, Torx T-40, 5/16-24 x 21/32"                                                                                                                         |
| 264   | 650802      |     | Screw, 1/4-20 x 5/8"                                                                                                                                       |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                               |
|-------|-------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 264A  | 650738      |     | Screw, 1/4-20 x 5/8"                                                                                                                                                                      |
| 265   | 33272B      |     | Cylinder Head Cover                                                                                                                                                                       |
| 275   | 33280A      |     | Muffler                                                                                                                                                                                   |
| 276   | 31588       |     | Locking Plate                                                                                                                                                                             |
| 277   | 650729      |     | Screw, 5/16-18 x 3-3/16"                                                                                                                                                                  |
| 281   | 33013       |     | Starter Bubble Cover                                                                                                                                                                      |
| 282   | 650760      |     | Screw, 8-32 x 3/8"                                                                                                                                                                        |
| 286   | 35792       |     | Debris Screen                                                                                                                                                                             |
| 290   | 30705       |     | Fuel Line (braided 16") (40cm)                                                                                                                                                            |
| 292   | 26460       |     | Fuel Line Clamp                                                                                                                                                                           |
| 298   | 28763       |     | Screw, 10-32 x 35/64"                                                                                                                                                                     |
| 300   | 33583B      |     | Fuel Tank (Incl. 292, 298 & 301)                                                                                                                                                          |
| 301   | 35355       |     | Fuel Cap NOTE: This tank was built with different size fuel inlet openings. Tanks with the 1-1/2" I.D. opening use fuel cap 33032. Tanks with the 1-3/4" I.D. opening use fuel cap 35355. |
| 314   | 650873      |     | Screw, 1/4-20 x 3/4"                                                                                                                                                                      |
| 315   | 611116      |     | Alternator Coil (3 Amp DC)(Incl.321,3 22,323)                                                                                                                                             |
| 321   | 611161      |     | Diode                                                                                                                                                                                     |
| 322   | 611117      |     | Connector Body                                                                                                                                                                            |
| 323   | 611118      |     | Terminal                                                                                                                                                                                  |
| 325A  | 34246       |     | Wire Clip                                                                                                                                                                                 |
| 325   | 29443       |     | Wire Clip                                                                                                                                                                                 |
| 327   | 34113       |     | Starter Plug                                                                                                                                                                              |
| 370   | 34346       |     | Instruction Decal                                                                                                                                                                         |
| 370A  | 34686       |     | Name Decal                                                                                                                                                                                |
| 398   | 590685      |     | Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)                                          |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

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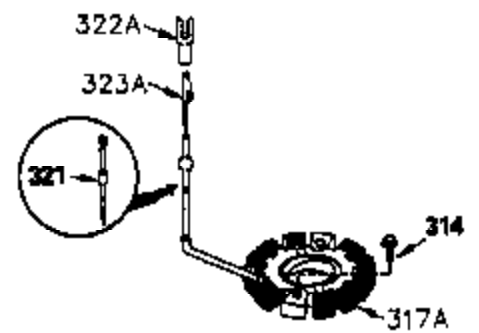
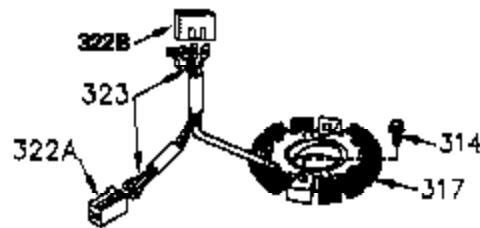
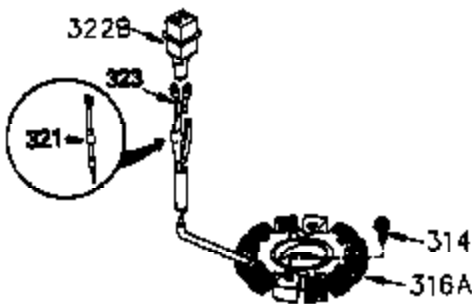
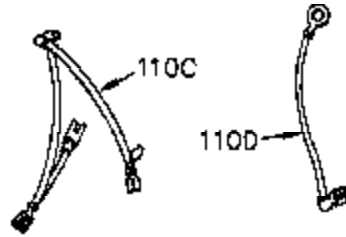
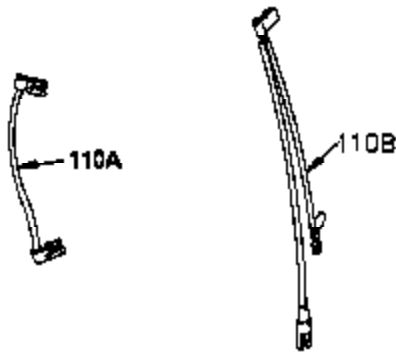
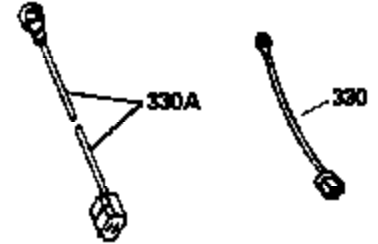
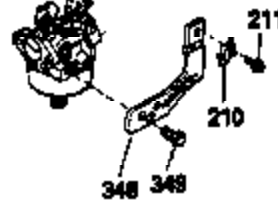
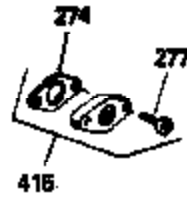
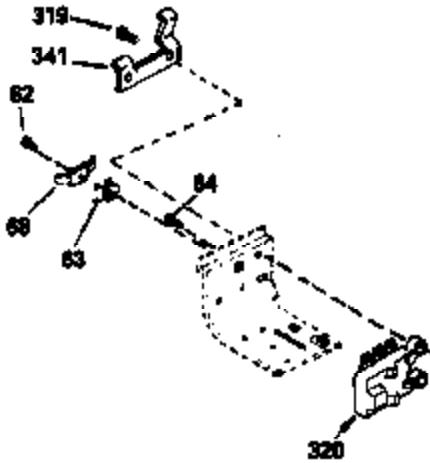


| Ref # | Part Number | Qty | Description                                                                                             |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------|
| 30    | 35429A      |     | Crankshaft                                                                                              |
| 40    | 34860A      |     | Piston, Pin & Ring Set (Std.) (3-5/16 ")                                                                |
| 40    | 34861A      |     | Piston, Pin & Ring Set (.010" OS)                                                                       |
| 40    | 34862A      |     | Piston, Pin & Ring Set (.020" OS)                                                                       |
| 41    | 34863       |     | Piston & Pin Ass'y. (Std.) (Incl. 43)                                                                   |
| 41    | 34864       |     | Piston & Pin Ass'y. (.010" OS) (Incl. 43)                                                               |
| 41    | 34865       |     | Piston & Pin Ass'y. (.020" OS) (Incl. 43)                                                               |
| 42    | 34866A      |     | Ring Set (Std.) (3-5/16")                                                                               |
| 42    | 34867A      |     | Ring Set (.010" OS)                                                                                     |
| 42    | 34868A      |     | Ring Set (.020" OS)                                                                                     |
| 43    | 27888       |     | Piston Pin Retaining Ring                                                                               |
| 45    | 35373A      |     | Connecting Rod (Incl. 46 & 47)                                                                          |
| 46    | 650908      |     | Connecting Rod Bolt                                                                                     |
| 47    | 650882      |     | Connecting Rod Bolt                                                                                     |
| 48    | 34034       |     | Valve Lifter                                                                                            |
| 50    | 35381       |     | Camshaft (MCR)                                                                                          |
| 51    | 35315A      |     | Counterbalance Weight                                                                                   |
| 52    | 31356       |     | Oil Pump                                                                                                |
| 69    | 35317       |     | * Mounting Flange Gasket                                                                                |
| 70    | 35318A      |     | Mounting Flange (Incl. 72, 75, 80 & 8 1)                                                                |
| 72    | 31927       |     | Oil Drain Plug                                                                                          |
| 75    | 35319       |     | Oil Seal                                                                                                |
| 80    | 30668       |     | Governor Shaft                                                                                          |
| 81    | 30590A      |     | Washer                                                                                                  |
| 82    | 35378       |     | Governor Gear (Incl. 81)                                                                                |
| 83    | 30588A      |     | Governor Spool                                                                                          |
| 84    | 29193       |     | Retaining Ring                                                                                          |
| 86    | 650833      |     | Screw, 1/4-20 x 1-3/16"                                                                                 |
| 88    | 31707A      |     | Spacer (Incl. 81)                                                                                       |
| 89    | 32589       |     | Flywheel Key                                                                                            |
| 123   | 33261       |     | Intake pipe Brace                                                                                       |
| 124   | 650738      |     | Screw, 1/4-20 x 5/8"                                                                                    |
| 178   | 29752       |     | Nut & Lock Washer, 1/4-28                                                                               |
| 182   | 30088A      |     | Screw, 1/4-28 x 1"                                                                                      |
| 184   | 33263       |     | * Carburetor To Intake Pipe Gasket                                                                      |
| 185   | 34926       |     | Intake Pipe                                                                                             |
| 223   | 650378      |     | Screw, Torx T-30, 5/16-18 x 1-1/8"                                                                      |
| 224   | 27915A      |     | * Intake Pipe Gasket                                                                                    |
| 238   | 650834      |     | Screw, 10-32 x 1-17/32"                                                                                 |
| 239   | 33629       |     | * Carburetor Gasket                                                                                     |
| 240   | 35538B      |     | Air Cleaner Body (Incl. 239)                                                                            |
| 245   | 35403       |     | Air Cleaner Filter (Incl. 251)                                                                          |
| 245A  | 35404       |     | Air Cleaner Filter                                                                                      |
| 250   | 35405       |     | Air Cleaner Cover                                                                                       |
| 251   | 650886      |     | Wing Nut, 1/4-20                                                                                        |
| 251A  | 650825      |     | Nut & Lock Washer, 1/4-20                                                                               |
| 252   | 650887      |     | Screw, 1/4-20 x 1"                                                                                      |
| 290   | 30705       |     | Fuel Line (braided 16") (40cm)                                                                          |
| 292   | 26460       |     | Fuel Line Clamp                                                                                         |
| 305   | 35574       |     | Oil Tube                                                                                                |
| 307   | 35499       |     | "O" Ring                                                                                                |
| 308   | 35437       |     | Fill Tube Clip                                                                                          |
| 310   | 35576       |     | Dipstick                                                                                                |
| 315   | 611116      |     | Alternator Coil (3 Amp DC)(Incl.321,3 22,323)                                                           |
| 379   | 631021      |     | Inlet Needle, Seat & Clip Ass'y.                                                                        |
| 380   | 632525      |     | Carburetor (Incl. 184) (Refer to Division 5, Section A, page A4-2 for breakdown or Fiche 10B, Grid E-5) |

| Ref # | Part Number | Qty | Description                                                                                                                                      |
|-------|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 398   | 590685      |     | Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.) |
| 400   | 33279G      |     | * Gasket Set (Incl. items marked *)                                                                                                              |
| 420   | 730225      |     | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

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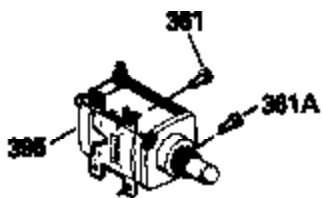
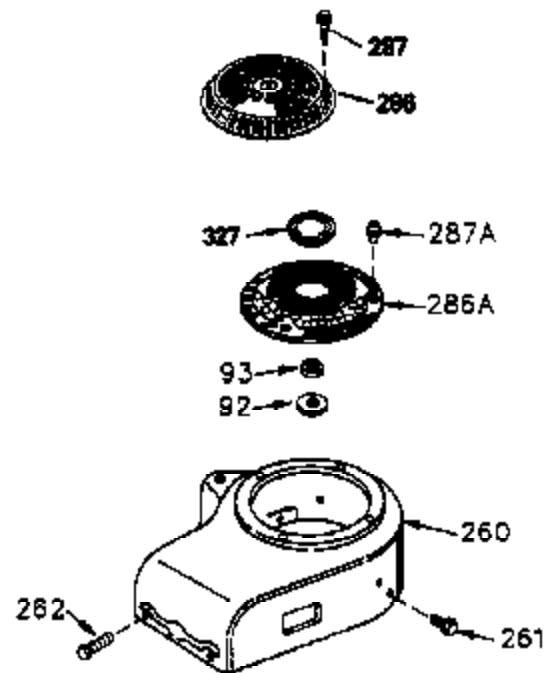
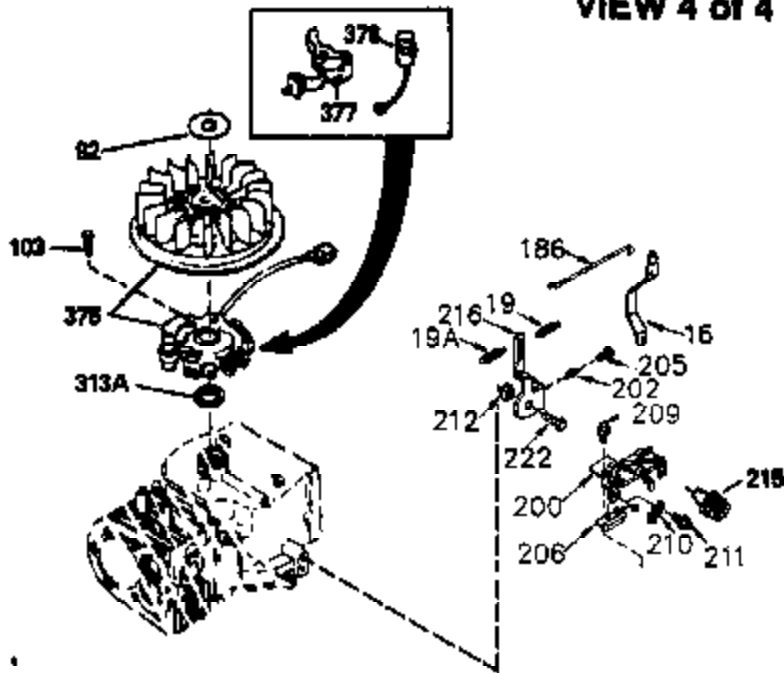


| Ref # | Part Number | Qty | Description                                                                                                                                      |
|-------|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 25A   | 35424       |     | Blower Housing Baffle (Incl. 325)                                                                                                                |
| 51    | 35315A      |     | Counterbalance Weight                                                                                                                            |
| 62    | 650760      |     | Screw, 8-32 x 3/8"                                                                                                                               |
| 63    | 28545       |     | Grommet                                                                                                                                          |
| 64    | 30063       |     | Screw, Torx T-30, 1/4-20 x 1/2"                                                                                                                  |
| 68    | 33356       |     | Ground Terminal                                                                                                                                  |
| 110D  | 35234       |     | Ground Wire                                                                                                                                      |
| 210   | 27793       |     | Conduit Clip                                                                                                                                     |
| 211   | 28942       |     | Screw, 10-32 x 3/8"                                                                                                                              |
| 238   | 650834      |     | Screw, 10-32 x 1-17/32"                                                                                                                          |
| 245A  | 35404       |     | Air Cleaner Filter                                                                                                                               |
| 274   | 35865       |     | Exhaust Gasket (use as required)                                                                                                                 |
| 277   | 650729      |     | Screw, 5/16-18 x 3-3/16"                                                                                                                         |
| 314   | 650873      |     | Screw, 1/4-20 x 3/4"                                                                                                                             |
| 315   | 611116      |     | Alternator Coil (3 Amp DC)(Incl.321,3 22,323)                                                                                                    |
| 321   | 611161      |     | Diode                                                                                                                                            |
| 323   | 611118      |     | Terminal                                                                                                                                         |
| 398   | 590685      |     | Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.) |
| 415   | 730130      |     | Exh.Adapter Kit(Incl.274 & 277)(As Re q.)                                                                                                        |

ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

### STANDARD POINT IGNITION

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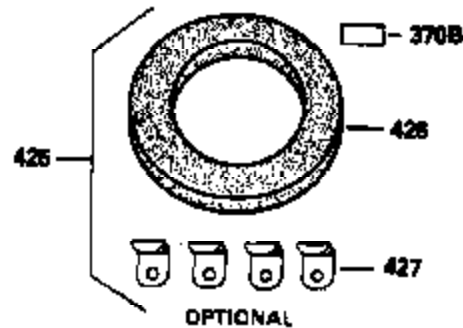
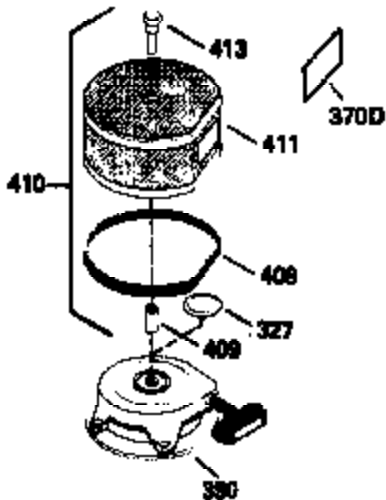
### MUFFLER (QUIET) (OPTIONAL)



### OPTIONAL SPARK ARRESTOR



### DEBRIS SCREEN KIT (OPTIONAL)



| Ref # | Part Number | Qty | Description                                                                                                                                                |
|-------|-------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16    | 32651       |     | Governor Lever                                                                                                                                             |
| 19A   | 35203       |     | Extension Spring                                                                                                                                           |
| 19    | 34043       |     | Extension Spring                                                                                                                                           |
| 51    | 35315A      |     | Counterbalance Weight                                                                                                                                      |
| 92    | 650880      |     | Lock Washer                                                                                                                                                |
| 93    | 650881      |     | Flywheel Nut, 5/8-18                                                                                                                                       |
| 103   | 650814      |     | Screw, Torx T-15, 10-24 x 1"                                                                                                                               |
| 186   | 33860       |     | Governor Link                                                                                                                                              |
| 200   | 35201       |     | Control Bracket                                                                                                                                            |
| 202   | 33802       |     | Compression Spring                                                                                                                                         |
| 205   | 650777      |     | Screw, 6-32 x 21/32"                                                                                                                                       |
| 209   | 30200       |     | Screw, 10-24 x 9/16"                                                                                                                                       |
| 210   | 27793       |     | Conduit Clip                                                                                                                                               |
| 211   | 28942       |     | Screw, 10-32 x 3/8"                                                                                                                                        |
| 212   | 35550       |     | Bushing                                                                                                                                                    |
| 216   | 35202A      |     | R.P.M. Adj.Lever (Incl.19,19A,212,222 ,239)                                                                                                                |
| 222   | 30312       |     | Screw, 10-32 x 1/2"                                                                                                                                        |
| 238   | 650834      |     | Screw, 10-32 x 1-17/32"                                                                                                                                    |
| 245A  | 35404       |     | Air Cleaner Filter                                                                                                                                         |
| 260   | 33635C      |     | Blower Housing (For electric starter) NOTE: Replacement hardware may differ when servicing starter assy. or blower housing. Refer to Service Bulletin 508. |
| 261   | 650788      |     | Screw, 5/16-18 x 3/4"                                                                                                                                      |
| 262   | 29747B      |     | Screw, Torx T-40, 5/16-24 x 21/32"                                                                                                                         |
| 275C  | 35824       |     | Muffler (quiet) (optional)                                                                                                                                 |
| 277   | 650729      |     | Screw, 5/16-18 x 3-3/16"                                                                                                                                   |
| 286   | 35792       |     | Debris Screen                                                                                                                                              |
| 315   | 611116      |     | Alternator Coil (3 Amp DC)(Incl.321,3 22,323)                                                                                                              |
| 327   | 34113       |     | Starter Plug                                                                                                                                               |
| 398   | 590685      |     | Rewind Starter & Cup Ass'y. (This assembly replaces 590633 starter. This assembly consists of a 590671 rewind starter and a 35965A starter cup.)           |
| 408   | 35570       |     | Screen Seal (Optional)                                                                                                                                     |
| 409   | 35569       |     | Spacer (Optional)                                                                                                                                          |
| 410   | 730573      |     | Opt.Screen Kit (Incl.370D,408,409,411 ,413)                                                                                                                |
| 411   | 35568       |     | Debris Screen (Optional)                                                                                                                                   |
| 413   | 650907      |     | Screw, 5/16-18 x 1-5/8" (Optional)                                                                                                                         |
| 416   | 34479A      |     | Spark Arrestor Kit                                                                                                                                         |
| 425   | 730572      |     | Starter Muff Kit (Incl.370,426,427)(O pt.)                                                                                                                 |
| 426   | 34687       |     | Starter Air Cleaner (Optional)                                                                                                                             |
| 427   | 34869       |     | Starter Air Cleaner Bracket (Optional )                                                                                                                    |