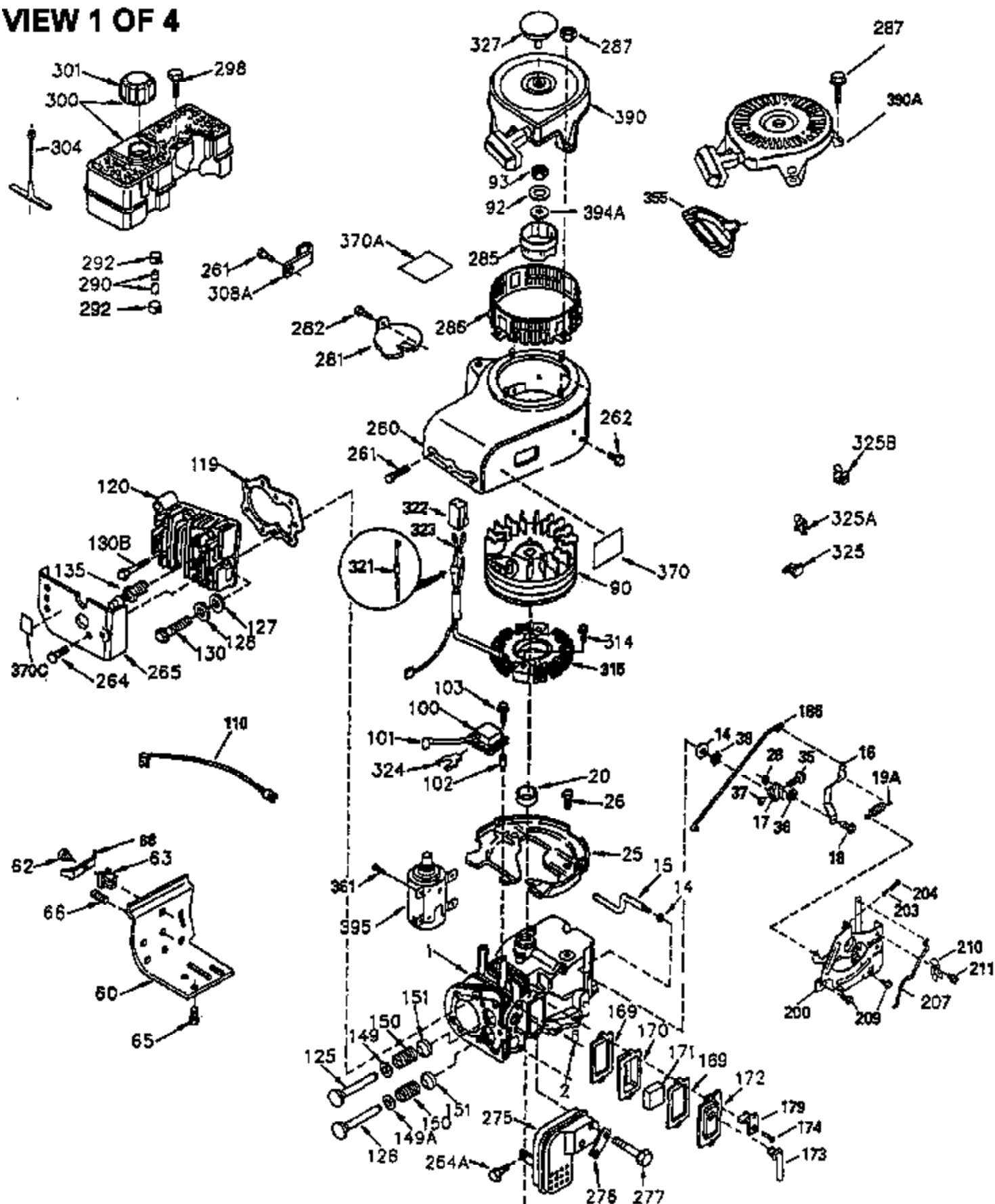


ILLUSTRATION SHOWS TYPICAL PARTS ONLY. ORDER BY PART NUMBER. PARTS NOT LISTED ARE SUPPLIED BY OEM.

## VIEW 1 OF 4



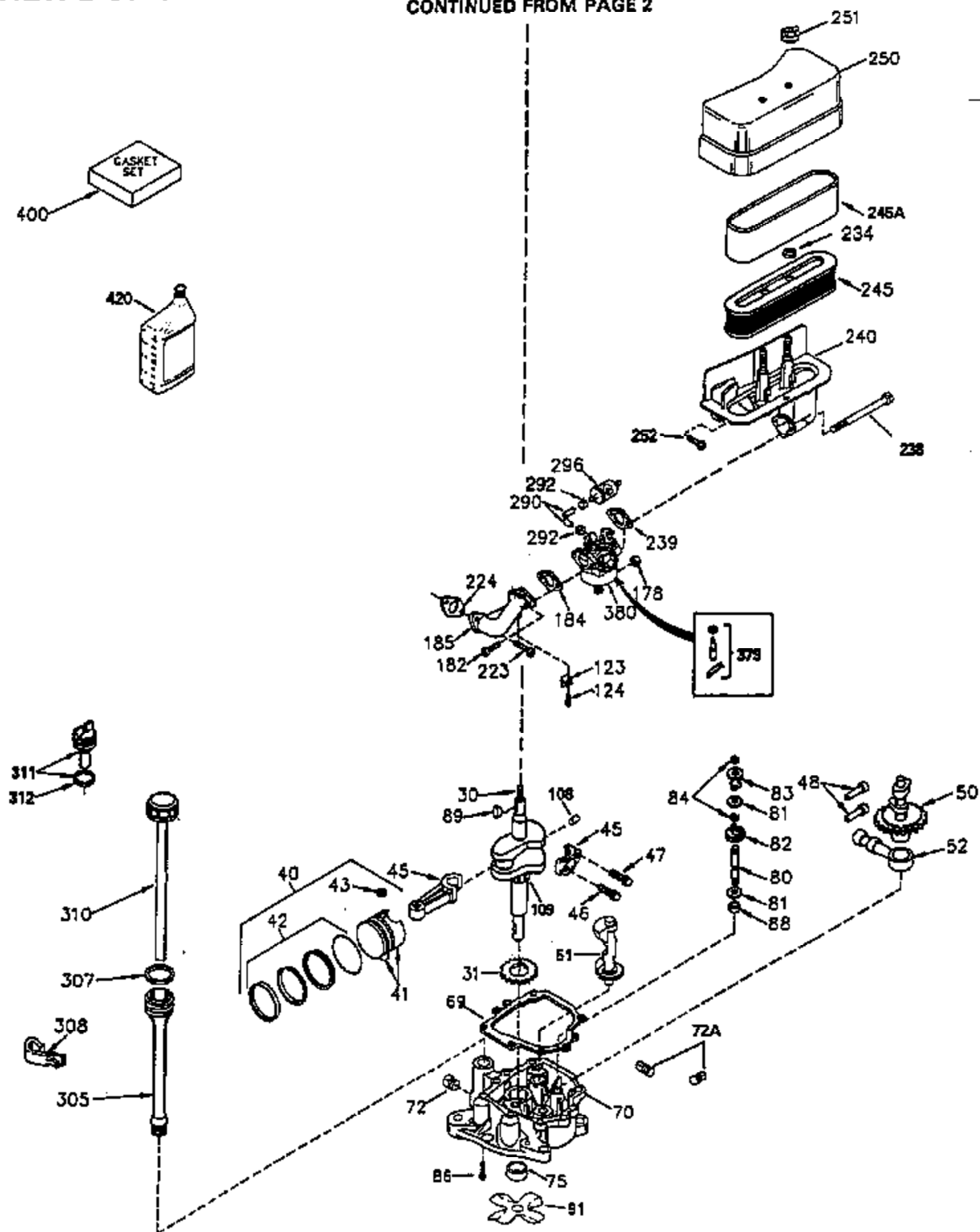
CONTINUED ON PAGE 3

| Ref # | Part Number | Qty | Description                          |
|-------|-------------|-----|--------------------------------------|
| 1     | 35421       | 1   | Cylinder (Incl. 2 & 20)              |
| 2     | 27652       | 2   | Dowel Pin                            |
| 14    | 28277       | 2   | Washer                               |
| 15    | 35082       | 1   | Governor Rod                         |
| 16    | 36494       | 1   | Governor Lever                       |
| 17    | 29916       | 1   | Governor Lever Clamp                 |
| 18    | 650548      | 1   | Screw, 8-32 x 5/16"                  |
| 19A   | 36495       | 1   | Extension Spring                     |
| 20    | 35319       | 1   | Oil Seal                             |
| 25    | 35424       | 1   | Blower Housing Baffle                |
| 26    | 650561      | 2   | Screw, 1/4-20 x 5/8"                 |
| 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                       |
| 46    | 650908      | 1   | Connecting Rod Bolt                  |
| 60    | 33273A      | 1   | Blower Housing Extension             |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"                   |
| 63    | 28545       | 1   | Grommet                              |
| 64    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"      |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                  |
| 68    | 33356       | 1   | Ground Terminal                      |
| 90    | 611094      | 1   | Flywheel                             |
| 92    | 650880      | 1   | Lock Washer                          |
| 93    | 650881      | 1   | Flywheel Nut                         |
| 100   | 35135       | 1   | Solid State Ignition                 |
| 101   | 610118      | 1   | Spark Plug Cover                     |
| 102   | 650872      | 2   | Solid State Mounting Stud            |
| 103   | 650814      | 2   | Screw, Torx T-15, 10-24 x 1"         |
| 110   | 35349       | 1   | Ground Wire                          |
| 119   | 36451       | 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                    |
| 130   | 650694A     | 9   | Screw, 5/16-18 x 2"                  |
| 135   | 33636       | 1   | Resistor Spark Plug (RJ17LM)         |
| 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   | * Valve Cover 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"                  |
| 186   | 33860       | 1   | Governor Link                        |
| 200   | 35956       | 1   | Control Bracket (Incl. 203 & 204)    |
| 203   | 36482       | 1   | Compression Spring                   |
| 204   | 650777      | 1   | Screw, 6-32 x 21/32"                 |
| 207   | 35989       | 1   | Throttle Link                        |
| 209   | 650902      | 2   | Screw, 10-32 x 7/16"                 |
| 210   | 27793       | 1   | Conduit Clip                         |

| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                                                                                                                                                                               |
| 251A  | 650825      | 2   | Nut & Lock Washer, 1/4-20                                                                                                                                                                         |
| 260   | 33635C      | 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"                                                                                                                                                                |
| 264   | 650802      | 1   | Screw, 1/4-20 x 5/8"                                                                                                                                                                              |
| 265   | 33272B      | 1   | Cylinder Head Cover                                                                                                                                                                               |
| 275   | 34185A      | 1   | Muffler                                                                                                                                                                                           |
| 276   | 31588       | 1   | Locking Plate                                                                                                                                                                                     |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                                                                                                                                                                          |
| 285   | 35985A      | 1   | Starter Cup                                                                                                                                                                                       |
| 286   | 35446       | 1   | Starter Screen                                                                                                                                                                                    |
| 287   | 29752       | 4   | Nut & Lock Washer, 1/4-28                                                                                                                                                                         |
| 290   | 30705       | 1   | Fuel Line                                                                                                                                                                                         |
| 292   | 26460       | 2   | Fuel Line Clamp                                                                                                                                                                                   |
| 298   | 28763       | 2   | Screw, 10-32 x 35/64"                                                                                                                                                                             |
| 300   | 33583B      | 1   | Fuel Tank (Incl. 292, 298 & 301)                                                                                                                                                                  |
| 301   | 35355       | 1   | Fuel Cap                                                                                                                                                                                          |
| 314   | 650873      | 2   | Screw, 1/4-20 x 3/4"                                                                                                                                                                              |
| 315   | 611097      | 1   | Alternator Coil (7 Amp)(Incl. 322,322 A&323)                                                                                                                                                      |
| 322A  | 610824      | 1   | Connector Body                                                                                                                                                                                    |
| 322   | 610921      | 1   | Connector Body                                                                                                                                                                                    |
| 323   | 610922      | 1   | Terminal                                                                                                                                                                                          |
| 324   | 33177       | 1   | Terminal                                                                                                                                                                                          |
| 325   | 34246       | 1   | Wire Clip                                                                                                                                                                                         |
| 325A  | 29443       | 1   | Wire Clip                                                                                                                                                                                         |
| 327   | 35392       | 1   | Starter Plug                                                                                                                                                                                      |
| 361   | 650990      | 4   | Screw, 5/16-18 x 15/32"                                                                                                                                                                           |
| 370A  | 35274       | 1   | Oil Instruction Decal                                                                                                                                                                             |
| 370   | 36261       | 1   | Lubrication Decal                                                                                                                                                                                 |
| 390   | 590671      | 1   | Rewind Starter (Note: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) |
| 395   | 35763A      | 1   | Electric Starter Motor (12 Volt)                                                                                                                                                                  |

## VIEW 2 OF 4

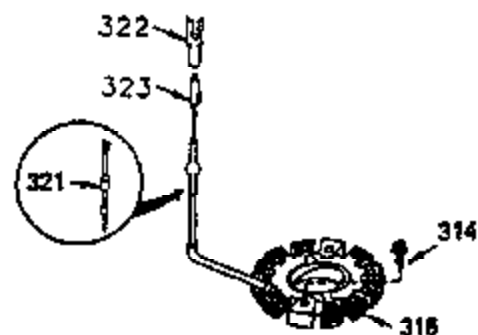
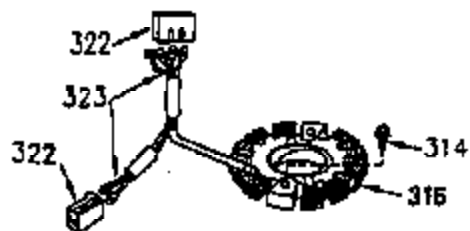
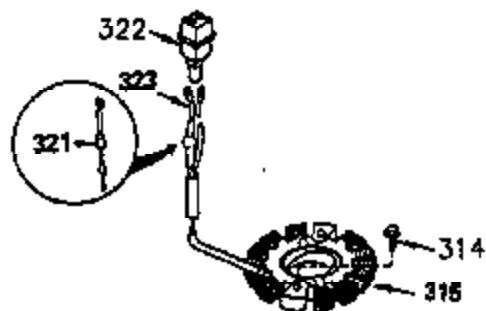
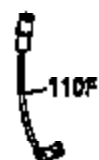
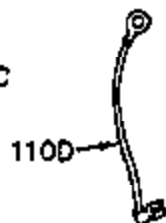
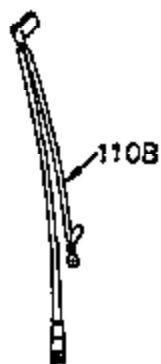
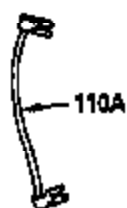
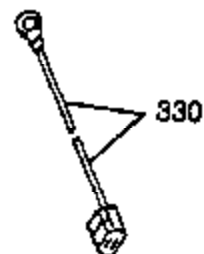
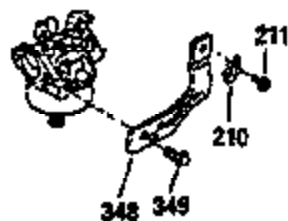
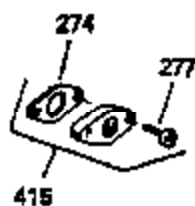
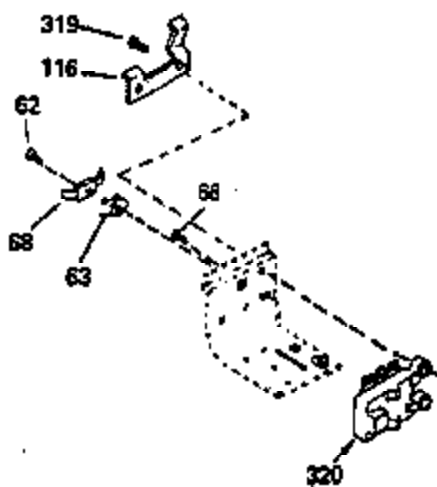
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| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 30    | 35422A      | 1   | Crankshaft                                |
| 31    | 35327       | 1   | Counterbalance Gear                       |
| 40    | 35776       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 35777       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 35778       | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 35773       | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 35774       | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 35775       | 1   | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42    | 35779       | 1   | Ring Set (Std.)                           |
| 42    | 35780       | 1   | Ring Set (.010" OS)                       |
| 42    | 35781       | 1   | Ring Set (.020" OS)                       |
| 43    | 35772       | 2   | Piston Pin Retaining Ring                 |
| 45    | 35330A      | 1   | Connecting Rod Ass'y. (Incl. 46 & 47)     |
| 46    | 650908      | 1   | Connecting Rod Bolt                       |
| 47    | 650882      | 1   | Connecting Rod Bolt                       |
| 48    | 34034       | 2   | Valve Lifter                              |
| 50    | 35381       | 1   | Camshaft (MCR)                            |
| 51    | 35315A      | 1   | Counterbalance Weight                     |
| 52    | 31356       | 1   | Oil Pump Ass'y.                           |
| 64    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"           |
| 69    | 35317       | 1   | * Mounting Flange Gasket                  |
| 70    | 35711A      | 1   | Mounting Flange (Incl. 72, 75 & 80)       |
| 72    | 31927       | 1   | Oil Drain Plug                            |
| 75    | 35319       | 1   | Oil Seal                                  |
| 80    | 35783       | 1   | Governor Shaft                            |
| 81    | 30590A      | 2   | Washer                                    |
| 82    | 35378       | 1   | Governor Gear Ass'y. (Incl. 81)           |
| 83    | 30588A      | 1   | Governor Spool                            |
| 84    | 29193       | 2   | Retaining Ring                            |
| 86    | 650833      | 7   | Screw, 1/4-20 x 1-3/16"                   |
| 88    | 31707A      | 1   | Spacer (Incl. 81)                         |
| 89    | 32589       | 1   | Flywheel Key                              |
| 123   | 33261       | 1   | Intake Pipe Brace                         |
| 124   | 650738      | 3   | Screw, 1/4-20 x 5/8"                      |
| 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   | 34926       | 1   | Intake Pipe                               |
| 223   | 650378      | 2   | Screw, Torx T-30, 5/16-18 x 1-1/8"        |
| 224   | 27915A      | 1   | * Intake Pipe Gasket                      |
| 238   | 650834      | 2   | Screw, 10-32 x 1-17/32"                   |
| 239   | 33629       | 1   | * Air Cleaner Gasket                      |
| 240   | 35538B      | 1   | Air Cleaner Body (Incl. 239)              |
| 245A  | 35404       | 1   | Air Cleaner Filter                        |
| 245   | 35403       | 1   | Air Cleaner Filter (Incl. 251A)           |
| 250   | 35961       | 1   | Air Cleaner Cover                         |
| 251   | 650886      | 2   | Wing Nut, 1/4-20                          |
| 251A  | 650825      | 2   | Nut & Lock Washer, 1/4-20                 |
| 290   | 30705       | 1   | Fuel Line                                 |
| 292   | 26460       | 2   | Fuel Line Clamp                           |
| 305   | 35574       | 1   | Oil Fill Tube                             |
| 307   | 35499       | 1   | "O" Ring                                  |
| 308   | 35437       | 1   | Fill Tube Clip                            |
| 310   | 35576       | 1   | Dipstick                                  |
| 322A  | 610824      | 1   | Connector Body                            |
| 380   | 632691      | 1   | Carburetor (Incl. 184)                    |

| Ref # | Part Number | Qty | Description                                                                                                                                                                                                                          |
|-------|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 400   | 36452       | 1   | * Gasket Set (Incl. items marked PK i n notes) Incl. part #'s<br>26756 (1),27272A (2),27896A (2),27915A (1),29673 (1),33263<br>(1),33629 (1),34041A (1),34327A (1),34698A (1),34912 (1),<br>34923A (1),35262 (1),35317 (1),35865 (1) |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                                                                    |

# VIEW 3 OF 4

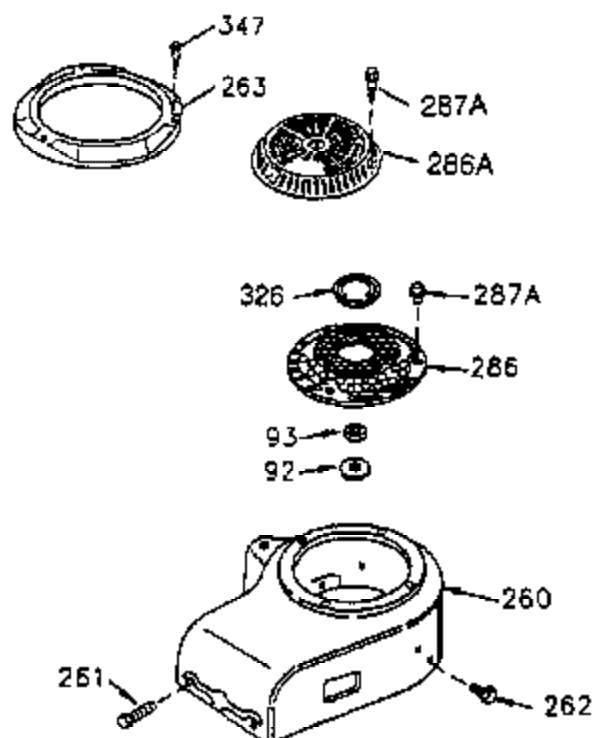
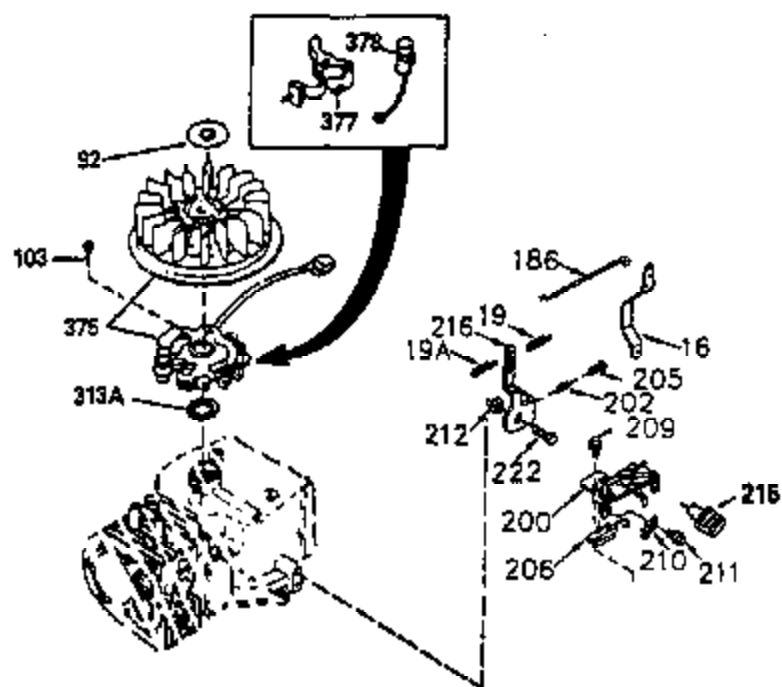


| Ref # | Part Number | Qty | Description                                  |
|-------|-------------|-----|----------------------------------------------|
| 46    | 650908      | 1   | Connecting Rod Bolt                          |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"                           |
| 63    | 28545       | 1   | Grommet                                      |
| 64    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"              |
| 68    | 33356       | 1   | Ground Terminal                              |
| 210   | 27793       | 1   | Conduit Clip                                 |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                          |
| 251A  | 650825      | 2   | Nut & Lock Washer, 1/4-20                    |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                     |
| 314   | 650873      | 2   | Screw, 1/4-20 z 3/4"                         |
| 315   | 611097      | 1   | Alternator Coil (7 Amp)(Incl. 322,322 A&323) |
| 319   | 650735      | 2   | Screw, 10-24 x 3/8"                          |
| 320   | 611098A     | 1   | Regulator                                    |
| 322A  | 610824      | 1   | Connector Body                               |
| 322   | 610921      | 1   | Connector Body                               |
| 323   | 610922      | 1   | Terminal                                     |



# VIEW 4 OF 4

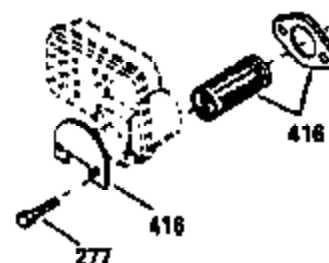
## STANDARD POINT IGNITION



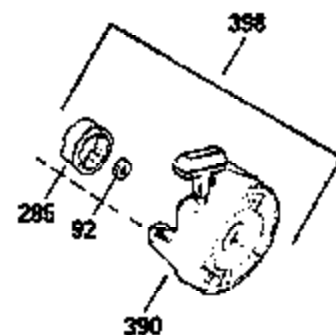
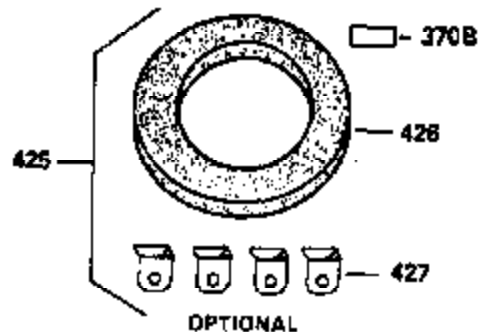
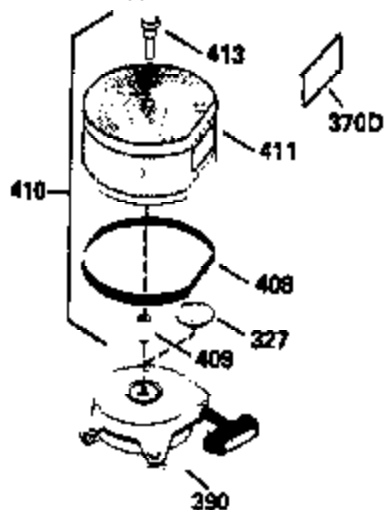
### MUFFLER (QUIET) (OPTIONAL)



### OPTIONAL SPARK ARRESTOR



### DEBRIS SCREEN KIT (OPTIONAL)



| Ref # | Part Number | Qty | Description                                                                                                                                                                                       |
|-------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 16    | 36494       | 1   | Governor Lever                                                                                                                                                                                    |
| 19A   | 36495       | 1   | Extension Spring                                                                                                                                                                                  |
| 46    | 650908      | 1   | Connecting Rod Bolt                                                                                                                                                                               |
| 64    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"                                                                                                                                                                   |
| 92    | 650880      | 1   | Lock Washer                                                                                                                                                                                       |
| 93    | 650881      | 1   | Flywheel Nut                                                                                                                                                                                      |
| 103   | 650814      | 2   | Screw, Torx T-15, 10-24 x 1"                                                                                                                                                                      |
| 186   | 33860       | 1   | Governor Link                                                                                                                                                                                     |
| 200   | 35956       | 1   | Control Bracket (Incl. 203 & 204)                                                                                                                                                                 |
| 209   | 650902      | 2   | Screw, 10-32 x 7/16"                                                                                                                                                                              |
| 210   | 27793       | 1   | Conduit Clip                                                                                                                                                                                      |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                                                                                                                                                                               |
| 251A  | 650825      | 2   | Nut & Lock Washer, 1/4-20                                                                                                                                                                         |
| 260   | 33635C      | 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"                                                                                                                                                                |
| 277   | 650729      | 2   | Screw, 5/16-18 x 3-3/16"                                                                                                                                                                          |
| 285   | 35985A      | 1   | Starter Cup                                                                                                                                                                                       |
| 286   | 35446       | 1   | Starter Screen                                                                                                                                                                                    |
| 322A  | 610824      | 1   | Connector Body                                                                                                                                                                                    |
| 327   | 35392       | 1   | Starter Plug                                                                                                                                                                                      |
| 390   | 590671      | 1   | Rewind Starter (Note: This engine could have been built with 590704 starter. Refer to the design of the air intake louvers for part identification. Individual starter parts do not interchange.) |