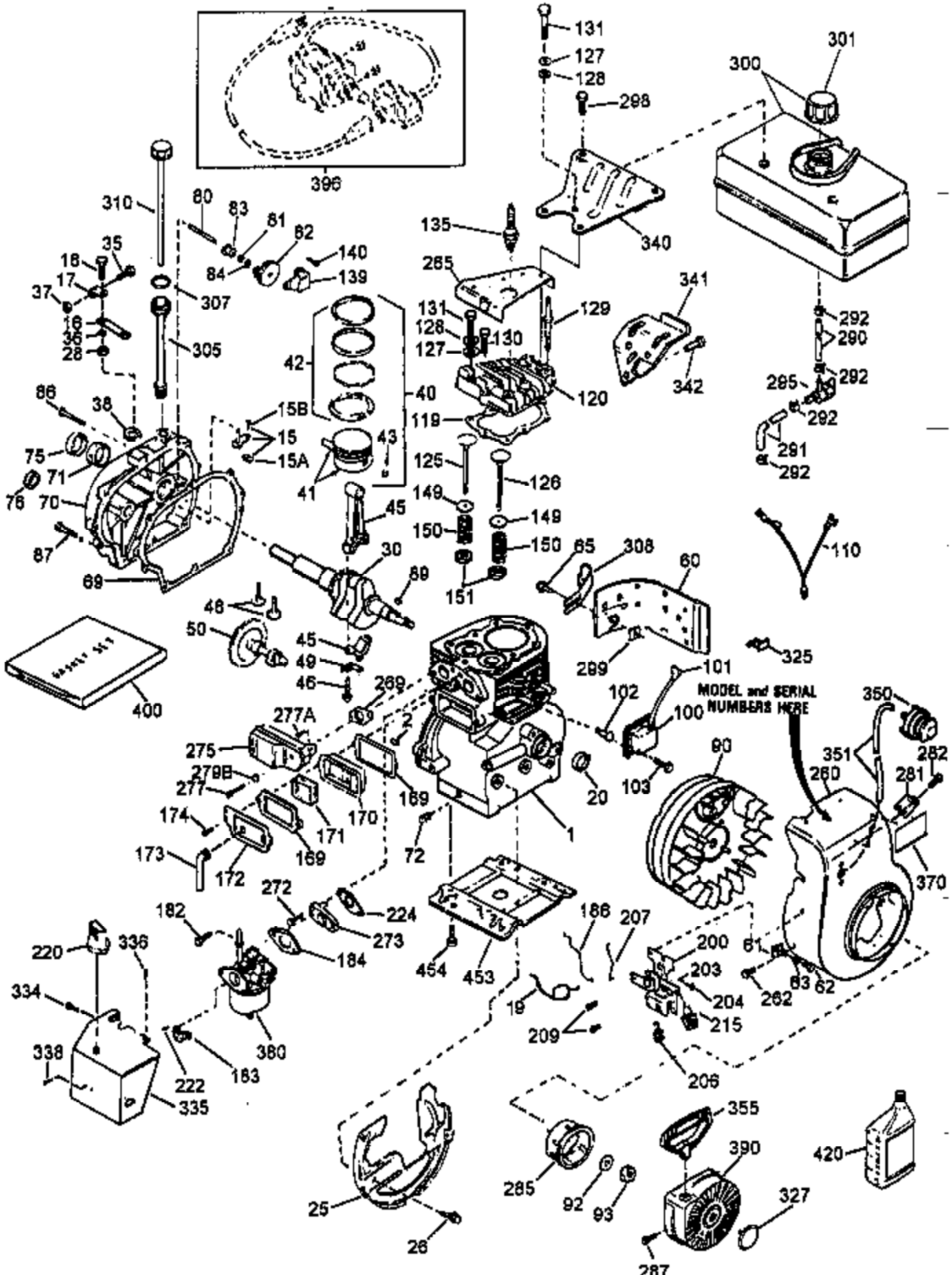


**VIEW 1 of 2 ... this illustration may not depict actual equipment and is for reference only!**



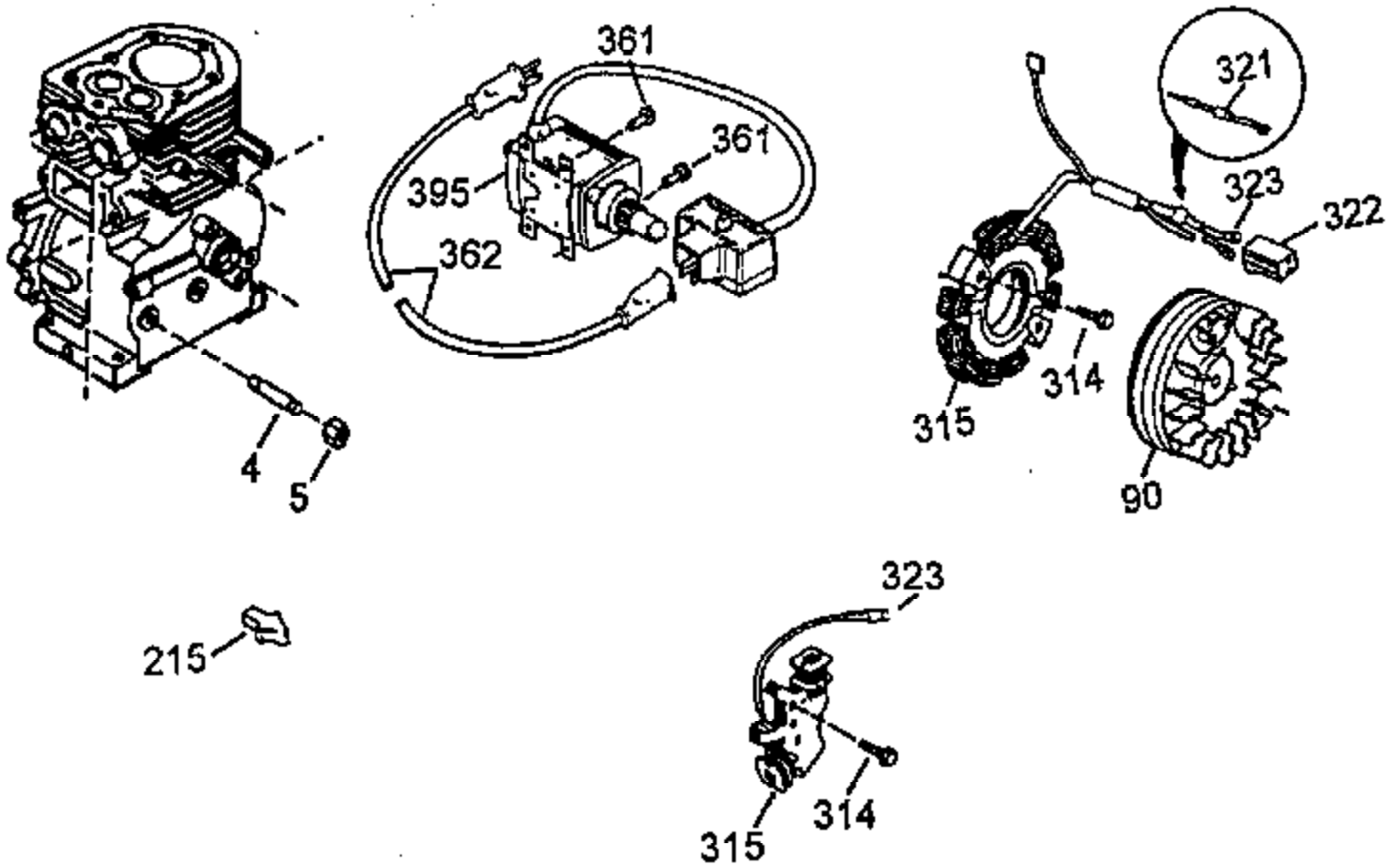
## Engine Parts List #1

| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|---|
|       | 1 32586C    | 1   | Cylinder (Incl. 2 & 20)                   |
|       | 2 27652     | 2   | Dowel Pin                                 |
| 15B   | 650494      | 1   | Screw, 6-40 x 5/16"                       |
| 15A   | 30700       | 1   | Governor Yoke                             |
| 15    | 30699C      | 1   | Governor Rod (Incl. 15A & 15B)            |
| 16    | 33454       | 1   | Governor Lever                            |
| 17    | 29916       | 1   | Governor Lever Clamp                      |
| 18    | 650548      | 1   | Screw, 8-32 x 5/16"                       |
| 19    | 34663       | 1   | Speed Control Spring                      |
| 20    | 32630       | 1   | Oil Seal                                  |
| 25    | 35326       | 1   | Blower Housing Baffle                     |
| 26    | 650561      | 2   | Screw, 1/4-20 x 5/8"                      |
| 28    | 30322       | 1   | Lock Nut, 8-32                            |
| 30    | 36548       | 1   | Crankshaft                                |
| 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                            |
| 40    | 34517       | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 34518       | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 34519       | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 32592B      | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 32593B      | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 32594B      | 1   | Piston & Pin Ass'y. (.020" OS) (Incl. 43) |
| 42    | 32595       | 1   | Ring Set (Std.)                           |
| 42    | 32596       | 1   | Ring Set (.010" OS)                       |
| 42    | 32597       | 1   | Ring Set (.020" OS)                       |
| 43    | 27888       | 2   | Piston Pin Retaining Ring                 |
| 45    | 32591C      | 1   | Connecting Rod Ass'y. (Incl. 46 & 49)     |
| 46    | 650662C     | 2   | Connecting Rod Bolt                       |
| 48    | 34034       | 2   | Valve Lifter                              |
| 49    | 34242       | 1   | Oil Dipper                                |
| 50    | 36549       | 1   | Camshaft (MCR)                            |
| 60    | 30622A      | 1   | Blower Housing Extension                  |
| 61    | 34126       | 1   | Grommet Mounting Bracket                  |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"                        |
| 63    | 28545       | 1   | Grommet                                   |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"                       |
| 69    | 30684       | 1   | * Cylinder Cover Gasket                   |
| 70    | 31720A      | 1   | Cylinder Cover (Incl. 71, 75 & 80)        |
| 71    | 31546       | 1   | Crankshaft Bushing                        |
| 72    | 27642       | 1   | Oil Drain Plug                            |
| 75    | 28427       | 1   | Oil Seal                                  |
| 76    | 28926       | 1   | * Camshaft Seal                           |
| 80    | 31845       | 1   | Governor Shaft                            |
| 81    | 30590A      | 1   | Washer                                    |
| 82    | 30591       | 1   | Governor Gear Ass'y.                      |
| 83    | 30588A      | 1   | Governor Spool                            |
| 84    | 29193       | 1   | Retaining Ring                            |
| 86    | 650488      | 7   | Screw, 1/4-20 x 1-1/4"                    |
| 87    | 650493      | 1   | Screw, 1/4-20 x 1-3/4"                    |
| 89    | 32589       | 1   | Flywheel Key                              |
| 90    | 611087      | 1   | Flywheel                                  |
| 92    | 650815      | 1   | Belleville Washer                         |
| 93    | 8116        | 1   | Flywheel Nut                              |
| 100   | 34443A      | 1   | Solid State Ignition                      |
| 101   | 610118      | 1   | Spark Plug Cover                          |
| 102   | 650872      | 2   | Solid State Mounting Stud                 |

| Ref # | Part Number | Qty | Description                                |
|-------|-------------|-----|--|
| 103   | 650814      | 2   | Screw, Torx T-15, 10-24 x 1"               |
| 110   | 35253       | 1   | Ground Wire                                |
| 110A  | 35305       | 1   | Ground Wire                                |
| 119   | 36453       | 1   | * Cylinder Head Gasket                     |
| 120   | 36446       | 1   | Cylinder Head (Incl. 3 of 131)             |
| 125   | 27878A      | 1   | Exhaust Valve (Std.) (Incl. 151)           |
| 125   | 27880A      | 1   | Exhaust Valve (1/32" OS) (Incl. 151)       |
| 126   | 32783       | 1   | Intake Valve (Std.) (Incl. 151)            |
| 126   | 32784       | 1   | Intake Valve (1/32" OS) (Incl. 151)        |
| 127   | 650691      | 3   | Washer                                     |
| 128   | 650690      | 3   | Belleville Washer                          |
| 129   | 650697A     | 2   | Screw, 5/16-18 x 2-1/2"                    |
| 130   | 650697A     | 3   | Screw, 5/16-18 x 2-1/2"                    |
| 131   | 650697A     | 3   | Screw, 5/16-18 x 2-1/2"                    |
| 135   | 35395       | 1   | Resistor Spark Plug (RJ17LM)               |
| 139   | 31843A      | 1   | Governor Gear Bracket                      |
| 140   | 650965      | 2   | Screw, Torx T-25, 10-24 x 1/2"             |
| 149   | 27882       | 2   | Valve Spring Cap                           |
| 150   | 27881       | 2   | Valve Spring                               |
| 151   | 32581       | 2   | Valve Spring Keeper                        |
| 169   | 27896A      | 2   | * Breather 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"                        |
| 182   | 650517      | 2   | Screw, 1/4-20 x 27/32"                     |
| 183   | 32398       | 1   | Choke Bracket                              |
| 184   | 31688A      | 1   | * Carburetor To Intake Pipe Gasket         |
| 186   | 34661       | 1   | Governor Link                              |
| 200   | 34664       |     | Control Bracket (Incl. 19, 203, 204 & 206) |
| 203   | 31342       | 1   | Compression Spring                         |
| 204   | 650549      | 1   | Screw, 5-40 x 7/16"                        |
| 206   | 610973      | 1   | Terminal                                   |
| 207   | 34662       | 1   | Throttle Link                              |
| 209   | 650821      | 2   | Screw, 10-32 x 1/2"                        |
| 215   | 35440       | 1   | Control Knob                               |
| 220   | 35439       | 1   | Control Knob                               |
| 222   | 28820       | 2   | Screw, 10-32 x 1/2"                        |
| 224   | 27915A      | 1   | * Intake Pipe Gasket                       |
| 260   | 35755       | 1   | Blower Housing                             |
| 262   | 29747B      | 2   | Screw, Torx T-40, 5/16-24 x 21/32"         |
| 264A  | 30196       | 1   | Screw, 5/16-18 x 3/4"                      |
| 265   | 30939A      | 1   | Cylinder Head Cover                        |
| 269   | 35865       | 1   | * Exhaust Manifold Gasket                  |
| 272   | 30196       | 2   | Screw, 5/16-18 x 3/4"                      |
| 273   | 34712       | 1   | Carburetor Flange                          |
| 275   | 32401       | 1   | Muffler                                    |
| 277   | 650694A     | 1   | Screw, 5/16-18 x 2"                        |
| 279B  | 26073       | 1   | Washer                                     |
| 285   | 35287B      | 1   | Starter Cup                                |
| 287   | 650926      | 3   | Screw, 8-32 x 21/64"                       |
| 290   | 29774       | 1   | Fuel Line                                  |
| 291   | 30962       | 1   | Fuel Line                                  |
| 292   | 26460       | 4   | Fuel Line Clamp                            |
| 295   | 35857       | 1   | Fuel Shut-Off Valve                        |
| 298   | 650665      | 2   | Screw, 1/4-15 x 3/4"                       |
| 299   | 650764      | 1   | "U" Type Nut                               |

| Ref # | Part Number | Qty | Description   |
|-------|-------------|-----|---|
| 300   | 34186A      | 1   | Fuel Tank (Incl. 292 & 301)   |
| 301   | 35355       | 1   | Fuel Cap  |
| 305   | 35554       | 1   | Oil Fill Tube   |
| 307   | 35499       | 1   | "O" Ring  |
| 308   | 35540       | 1   | Fill Tube Clip  |
| 310   | 36205       | 1   | Dipstick  |
| 313A  | 35189       | 1   | Spacer  |
| 325   | 29443       | 1   | Wire Clip   |
| 327   | 35392       | 1   | Starter Plug  |
| 328   | 35062       | 2   | Ignition Key  |
| 329   | 610973      | 1   | Terminal  |
| 334   | 650257      | 2   | Screw, 8-32 x 5/16"   |
| 335   | 35060       | 1   | Carburetor Cover  |
| 336   | 650765      | 1   | Screw, 10-32 x 1/2"   |
| 338   | 650760      | 1   | Screw, 8-32 x 3/8"  |
| 340   | 34159       | 1   | Fuel Tank Bracket   |
| 341   | 34158       | 1   | Fuel Tank Bracket   |
| 342   | 650561      | 1   | Screw, 1/4-20 x 5/8"  |
| 350   | 570682      | 1   | Primer Ass'y.   |
| 351   | 32180C      | 1   | Primer Line   |
| 355   | 590574      | 1   | Starter Handle  |
| 370A  | 35063       | 1   | Throttle Decal  |
| 370B  | 34414       | 1   | Warning Decal   |
| 370C  | 36501       | 1   | Primer Decal  |
| 370D  | 34418       | 1   | Choke Decal   |
| 370E  | 36534       | 1   | Lubrication Decal   |
| 370   | 36261       | 1   | Instruction Decal   |
| 380   | 632371A     | 1   | Carburetor (Incl. 184)  |
| 390   | 590646      | 1   | Rewind Starter  |
| 396   | 33328D      | 1   | Electric Starter Motor (110 Volt)   |
| 400   | 36454       | 1   | * Gasket Set (Incl. items marked PK i n notes) Incl. part #'s<br>27272A (1), 27896A (2), 27915A (1), 30684 (1), 31688A (1),<br>35865 (1), 36453 (1) |
| 420   | 730226      | 1   | SAE 5W30 4-Cycle Engine Oil (Quart)   |
| 453   | 29538       | 1   | Engine Mounting Base  |
| 454   | 650542      | 4   | Screw, 5/16-18 x 3/4"   |

**VIEW 2 of 2 ... this illustration may not depict actual equipment and is for reference only!**



| Ref # | Part Number | Qty | Description                          |
|-------|-------------|-----|--------------------------------------|
| 4     | 30968       | 1   | Oil Drain Extension                  |
| 5     | 30969       | 1   | Extension Cap                        |
| 90    | 611087      | 1   | Flywheel                             |
| 110A  | 35305       | 1   | Ground Wire                          |
| 215   | 35440       | 1   | Control Knob                         |
| 264A  | 30196       | 1   | Screw, 5/16-18 x 3/4"                |
| 313A  | 35189       | 1   | Spacer                               |
| 314   | 650873      | 1   | Screw, 1/4-20 x 3/4"                 |
| 315   | 611111      | 1   | Alternator Coil (18 Watt)(Incl. 323) |
| 323   | 611118      | 1   | Terminal                             |
| 328   | 35062       | 2   | Ignition Key                         |
| 329   | 610973      | 1   | Terminal                             |
| 361   | 650990      | 4   | Screw, Torx T-30, 1/4-20 x 15/32     |
| 370A  | 35063       | 1   | Throttle Decal                       |
| 370B  | 34414       | 1   | Warning Decal                        |
| 370C  | 36501       | 1   | Primer Decal                         |
| 370D  | 34418       | 1   | Choke Decal                          |
| 370E  | 36534       | 1   | Lubrication Decal                    |