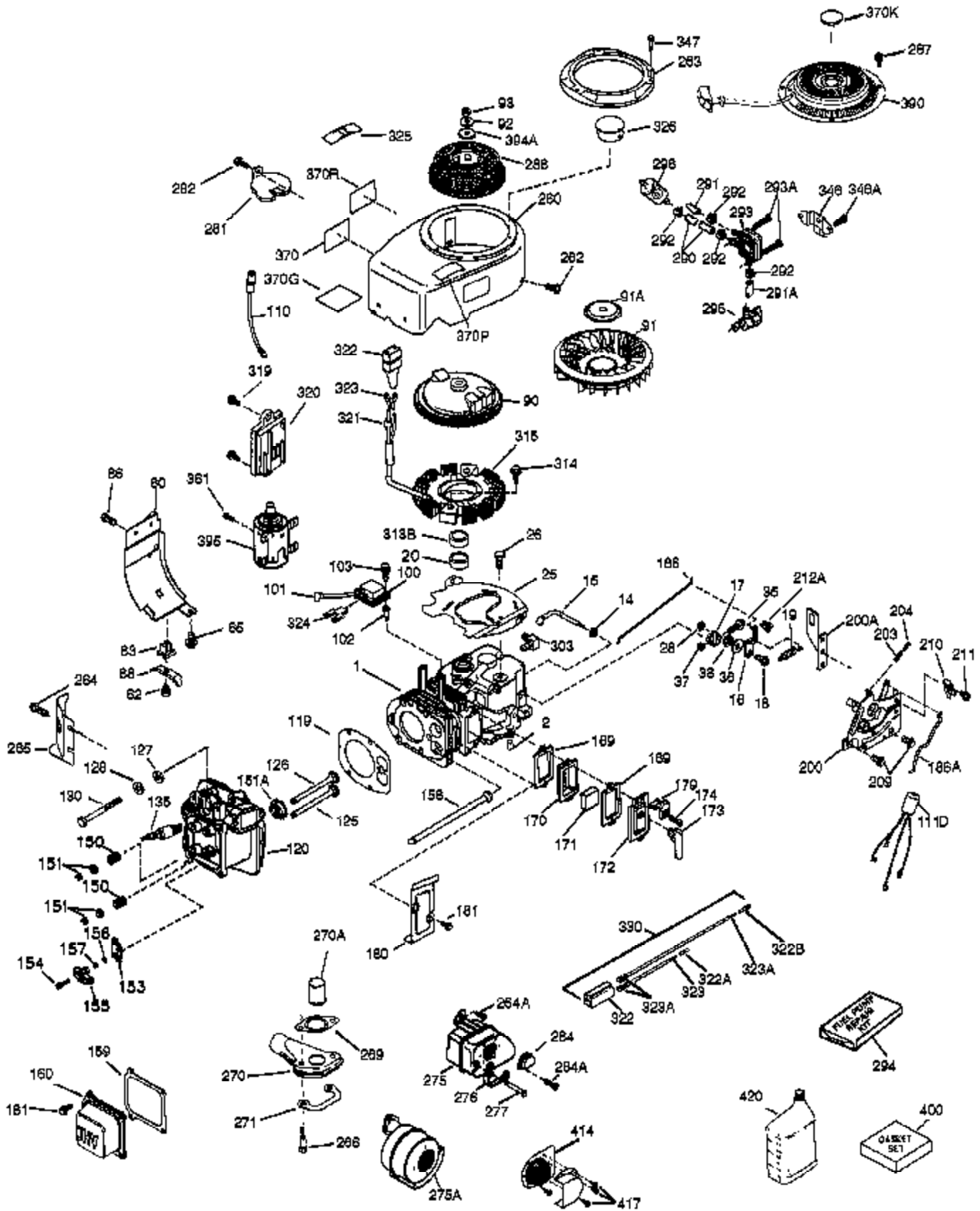


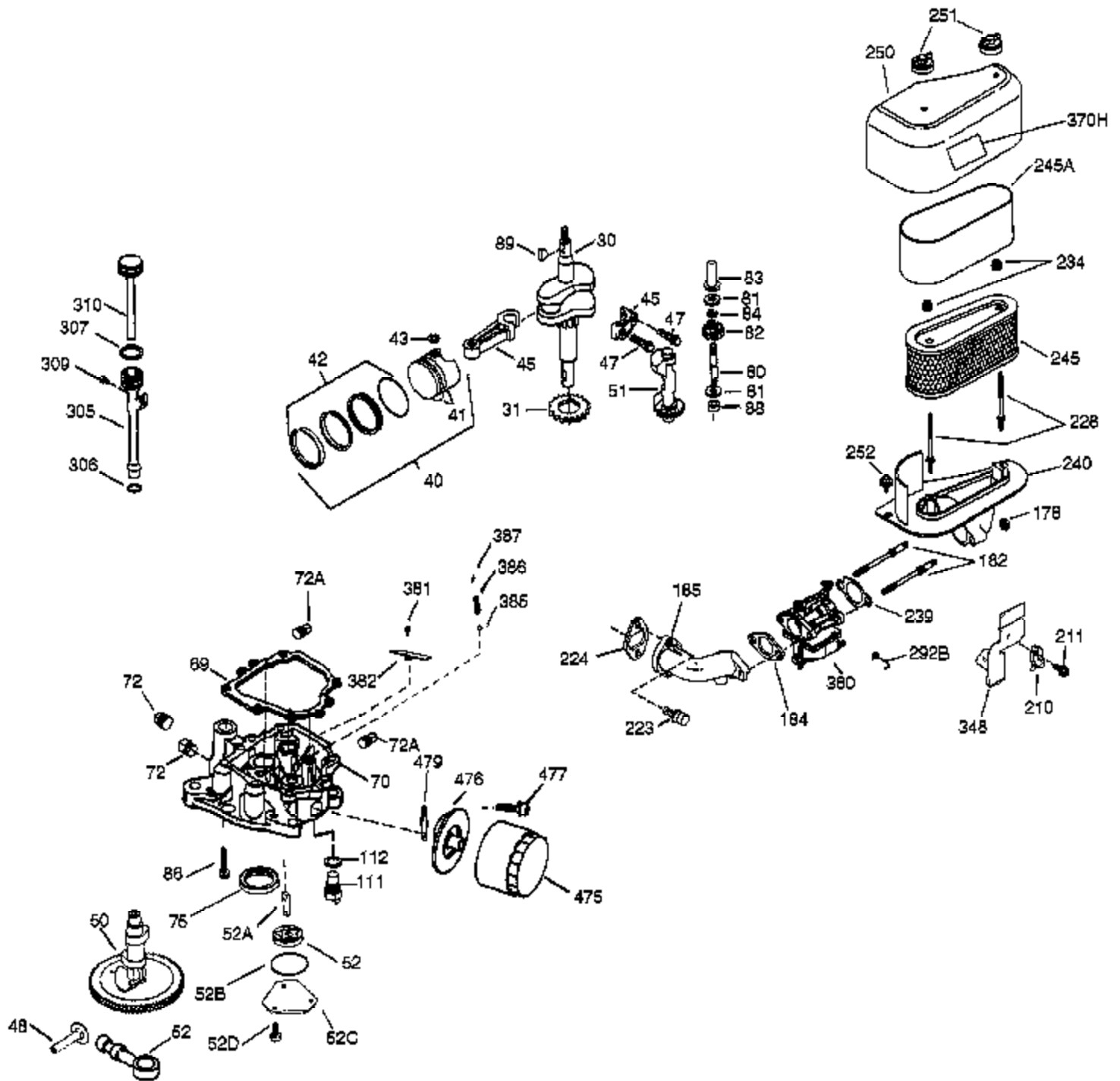


## Engine Parts List #1

| Ref # | Part Number | Qty | Description                      |
|-------|-------------|-----|----------------------------------|
| 1     | 37467       | 1   | Cylinder (Incl. 2, 20 & 72)      |
| 2     | 27652       | 2   | Dowel Pin                        |
| 14    | 28277       | 2   | Washer                           |
| 15    | 35324       | 1   | Governor Rod                     |
| 16    | 36284A      | 1   | Governor Lever                   |
| 17    | 29916       | 1   | Governor Lever Clamp             |
| 18    | 651028      | 1   | Screw, Torx T-15, 8-32 x 3/8"    |
| 19    | 35945       | 1   | Extension Spring                 |
| 20    | 35319       | 1   | Oil Seal                         |
| 25    | 37185       | 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   | Retainer Ring                    |
| 52    | 36332       | 1   | Oil Pump                         |
| 60    | 36927       | 1   | Blower Housing Extension         |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"               |
| 63    | 28545       | 1   | Grommet                          |
| 65    | 650128      | 1   | Screw, 10-24 x 1/2"              |
| 66    | 30063       | 1   | Screw, Torx T-30, 1/4-20 x 1/2"  |
| 68    | 33356       | 1   | Ground Terminal                  |
| 90    | 611250      | 1   | Flywheel                         |
| 91    | 611241      | 1   | Flywheel Fan                     |
| 91A   | 611251      | 1   | Flywheel Retainer                |
| 92    | 650666      | 1   | Lock Washer                      |
| 93    | 650594      | 1   | Flywheel Nut                     |
| 100   | 36344       | 1   | Solid State Ignition (Incl. 101) |
| 101   | 610118      | 1   | Spark Plug Cover                 |
| 102   | 651024      | 2   | Solid State Mounting Stud        |
| 103   | 651007      | 2   | Screw, Torx T-15, 10-24 x 15/16" |
| 110   | 35183       | 1   | Ground Wire                      |
| 119   | 36932       | 1   | * Cylinder Head Gasket           |
| 120   | 37469       | 1   | Cylinder Head (Incl. 151A)       |
| 125   | 36934       | 1   | Exhaust Valve (Std.)             |
| 125   | 36936       | 1   | Exhaust Valve (1/32" OS)         |
| 126   | 36935       | 1   | Intake Valve (Std.)              |
| 127   | 650691      | 6   | Washer                           |
| 128   | 650690      | 6   | Belleville Washer                |
| 130   | 650697A     | 6   | Screw, 5/16-18 x 2-1/2"          |
| 135   | 34645       | 1   | Spark Plug (RN4C)                |
| 150   | 33507       | 2   | Valve Spring                     |
| 151A  | 35862       | 1   | Intake Valve Seal                |
| 151   | 33508       | 2   | Valve Spring Keeper              |
| 153   | 35949       | 1   | Push Rod Guide                   |
| 154   | 650945      | 2   | Rocker Arm Stud                  |
| 155   | 35950       | 2   | Rocker Arm                       |
| 156   | 650890      | 2   | Lock Washer                      |
| 157   | 650947      | 2   | Lock Nut, 5/16-24                |
| 158   | 35466       | 2   | Push Rod                         |
| 159   | 35952       | 1   | * Rocker Arm Cover Gasket        |
| 160   | 35953A      | 1   | Rocker Arm Housing               |
| 161   | 30063       | 4   | Screw, Torx T-30, 1/4-20 x 1/2"  |
| 169   | 27896A      | 2   | * Breather Gasket                |
| 170   | 28423       | 1   | Breather Body                    |
| 171   | 28424       | 1   | Breather Element                 |
| 172   | 36938       | 1   | Valve Cover                      |

## Engine Parts List #1

| Ref # | Part Number | Qty | Description                                                                                                                                                                       |
|-------|-------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 173   | 36939       | 1   | Breather Tube                                                                                                                                                                     |
| 174   | 650128      | 2   | Screw, 10-24 x 1/2"                                                                                                                                                               |
| 180   | 35954       | 1   | Blower Housing Extension                                                                                                                                                          |
| 181   | 30200       | 2   | Screw, 10-24 x 9/16"                                                                                                                                                              |
| 186A  | 36991       | 1   | Choke Link                                                                                                                                                                        |
| 186   | 36941       | 1   | Governor Link                                                                                                                                                                     |
| 200   | 36360       | 1   | Control Bracket (Incl. 203, 204 & 212 A)                                                                                                                                          |
| 203   | 36482       | 1   | Compression Spring                                                                                                                                                                |
| 204   | 650777      | 1   | Screw, 6-32 x 21/32"                                                                                                                                                              |
| 209   | 650902      | 2   | Screw, 10-32 x 7/16"                                                                                                                                                              |
| 210   | 27793       | 1   | Conduit Clip                                                                                                                                                                      |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                                                                                                                                                               |
| 212A  | 36288       | 3   | Bushing                                                                                                                                                                           |
| 260   | 37187       | 1   | Blower Housing                                                                                                                                                                    |
| 262   | 30063       | 2   | Screw, Torx T-30, 1/4-20 x 1/2"                                                                                                                                                   |
| 263   | 36367       | 1   | Trim Ring                                                                                                                                                                         |
| 264   | 650273      | 1   | Screw, 5/16-18 x 5/8"                                                                                                                                                             |
| 264   | 650273      | 1   | Screw, 5/16-18 x 5/8"                                                                                                                                                             |
| 265   | 36944       | 1   | Cylinder Head Cover                                                                                                                                                               |
| 266A  | 650876      | 2   | Screw, 5/16-18 x 1-1/4"                                                                                                                                                           |
| 269   | 35762       | 2   | * Exhaust Manifold Gasket                                                                                                                                                         |
| 270A  | 35829A      | 1   | Exhaust Port Liner                                                                                                                                                                |
| 270   | 36235       | 1   | Exhaust Manifold                                                                                                                                                                  |
| 271   | 35293       | 1   | Locking Plate                                                                                                                                                                     |
| 275   | 36542       | 1   | Muffler                                                                                                                                                                           |
| 276   | 35348       | 1   | Locking Plate                                                                                                                                                                     |
| 277   | 650877      | 2   | Screw, 5/16-18 x 4-1/2"                                                                                                                                                           |
| 281   | 33013       | 1   | Starter Bubble Cover                                                                                                                                                              |
| 282   | 650760      | 1   | Screw, 8-32 x 3/8"                                                                                                                                                                |
| 286   | 37173       | 1   | Cup & Screen                                                                                                                                                                      |
| 287   | 650561      | 3   | Screw, 1/4-20 x 19/32"                                                                                                                                                            |
| 290   | 29774       | 1   | Fuel Line                                                                                                                                                                         |
| 292   | 26460       | 2   | Fuel Line Clamp                                                                                                                                                                   |
| 296   | 34279B      | 1   | Fuel Filter (Incl. 292)                                                                                                                                                           |
| 325   | 34246       | 1   | Wire Clip                                                                                                                                                                         |
| 370G  | 35274       | 1   | Oil Instruction Decal                                                                                                                                                             |
| 390   | 590751      | 1   | Rewind Starter                                                                                                                                                                    |
| 400   | 36947       | 1   | * Gasket Set (Incl. items marked PK i n notes) Incl. part #'s<br>27896A (2), 35317 (1), 35952 (1), 36333 (1), 36352 (1), 36358<br>(2), 36832 (1), 36930 (1), 36932 (1), 36942 (1) |
| 420   | 730225      | 1   | SAE 30 4-Cycle Engine Oil (Quart)                                                                                                                                                 |



## Engine Parts List #2

| Ref # | Part Number | Qty | Description                               |
|-------|-------------|-----|-------------------------------------------|
| 30    | 36924       | 1   | Crankshaft                                |
| 31    | 35327       | 1   | Counterbalance Gear                       |
| 40    | 35776A      | 1   | Piston, Pin & Ring Set (Std.)             |
| 40    | 35777A      | 1   | Piston, Pin & Ring Set (.010" OS)         |
| 40    | 35778A      | 1   | Piston, Pin & Ring Set (.020" OS)         |
| 41    | 35773A      | 1   | Piston & Pin Ass'y. (Std.) (Incl. 43)     |
| 41    | 35774A      | 1   | Piston & Pin Ass'y. (.010" OS) (Incl. 43) |
| 41    | 35775A      | 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    | 36925       | 1   | Connecting Rod Ass'y. (Incl. 47)          |
| 47    | 651033      | 2   | Connecting Rod Bolt                       |
| 48    | 35313       | 2   | Valve Lifter                              |
| 50    | 37221       | 1   | Camshaft (MCR)                            |
| 51    | 35315A      | 1   | Counterbalance Weight                     |
| 52A   | 36331       | 1   | Oil Pump Shaft                            |
| 52D   | 650888      | 3   | Screw, 1/4-20 x 43/64"                    |
| 52    | 36332       | 1   | Oil Pump                                  |
| 52C   | 36334       | 1   | Oil Pump Cover (Incl. 52B)                |
| 52B   | 36333       | 1   | * "O" Ring                                |
| 62    | 650760      | 1   | Screw, 8-32 x 3/8"                        |
| 69    | 35317       | 1   | * Mounting Flange Gasket                  |
| 70    | 37294       | 1   | Mounting Flange (Incl. 72, 75 & 80)       |
| 72    | 31927       | 1   | Oil Drain Plug                            |
| 75    | 35319       | 1   | Oil Seal                                  |
| 80    | 35712       | 1   | Governor Shaft                            |
| 81    | 35479       | 2   | Washer                                    |
| 82    | 35321       | 1   | Governor Gear Ass'y.                      |
| 83    | 35322       | 1   | Governor Spool                            |
| 84    | 29193       | 1   | Retaining Ring                            |
| 86    | 650833      | 7   | Screw, 1/4-20 x 1-3/16"                   |
| 88    | 31707A      | 1   | Spacer                                    |
| 89    | 650592      | 1   | Flywheel Key                              |
| 178   | 650928      | 2   | Lock Nut, 1/4-20                          |
| 182   | 650925A     | 2   | Carburetor Mounting Stud                  |
| 184   | 36352       | 1   | * Carburetor To Intake Pipe Gasket        |
| 185   | 36940       | 1   | Intake Pipe                               |
| 210   | 27793       | 1   | Conduit Clip                              |
| 211   | 28942       | 1   | Screw, 10-32 x 3/8"                       |
| 223   | 650378      | 2   | Screw, Torx T-30, 5/16-18 x 1-3/32"       |
| 224   | 36942       | 1   | * Intake Pipe Gasket                      |
| 228   | 650977      | 2   | Air Cleaner Stud                          |
| 234   | 650825      | 2   | Nut & Lock Washer, 1/4-20                 |
| 239   | 36358       | 1   | * Air Cleaner Gasket                      |
| 240   | 36355       | 1   | Air Cleaner Body (Incl. 239)              |
| 245   | 36356       | 1   | Air Cleaner Filter (Incl. 234)            |
| 245A  | 36357       | 1   | Air Cleaner Filter                        |
| 250   | 36359       | 1   | Air Cleaner Cover                         |
| 251   | 650886      | 2   | Wing Nut, 1/4-20                          |
| 252   | 650976      | 1   | Screw, 1/4-20 x 19/32"                    |
| 266A  | 650876      | 2   | Screw, 5/16-18 x 1-1/4"                   |
| 286   | 37173       | 1   | Cup & Screen                              |
| 292B  | 36946       | 1   | Fuel Line Clamp                           |
| 305   | 36945       | 1   | Oil Fill Tube                             |
| 306   | 36832       | 1   | Fill Tube Gasket                          |
| 307   | 35499       | 1   | "O" Ring                                  |

| Ref # | Part Number | Qty | Description                          |
|-------|-------------|-----|--------------------------------------|
| 309   | 650976      | 1   | Screw, 1/4-20 x 19/32"               |
| 310   | 35973       | 1   | Dipstick                             |
| 380   | 640065A     | 1   | Carburetor (Incl. 184)               |
| 381   | 650767      | 2   | Screw, 8-32 x 27/64"                 |
| 382   | 36931       | 1   | Oil Strainer Screen                  |
| 385   | 570673      | 1   | Ball                                 |
| 386   | 36329       | 1   | Pressure Relief Spring               |
| 387   | 36330       | 1   | Roll Pin                             |
| 475   | 36961       | 1   | Oil Filter                           |
| 476   | 36929       | 1   | Oil Filter Adapter (Incl. 477 & 479) |
| 477   | 651049      | 2   | Screw, Torx T-30, 5/16-18 x 1-3/32"  |
| 479   | 36930       | 1   | * Oil Filter Adapter Gasket          |