



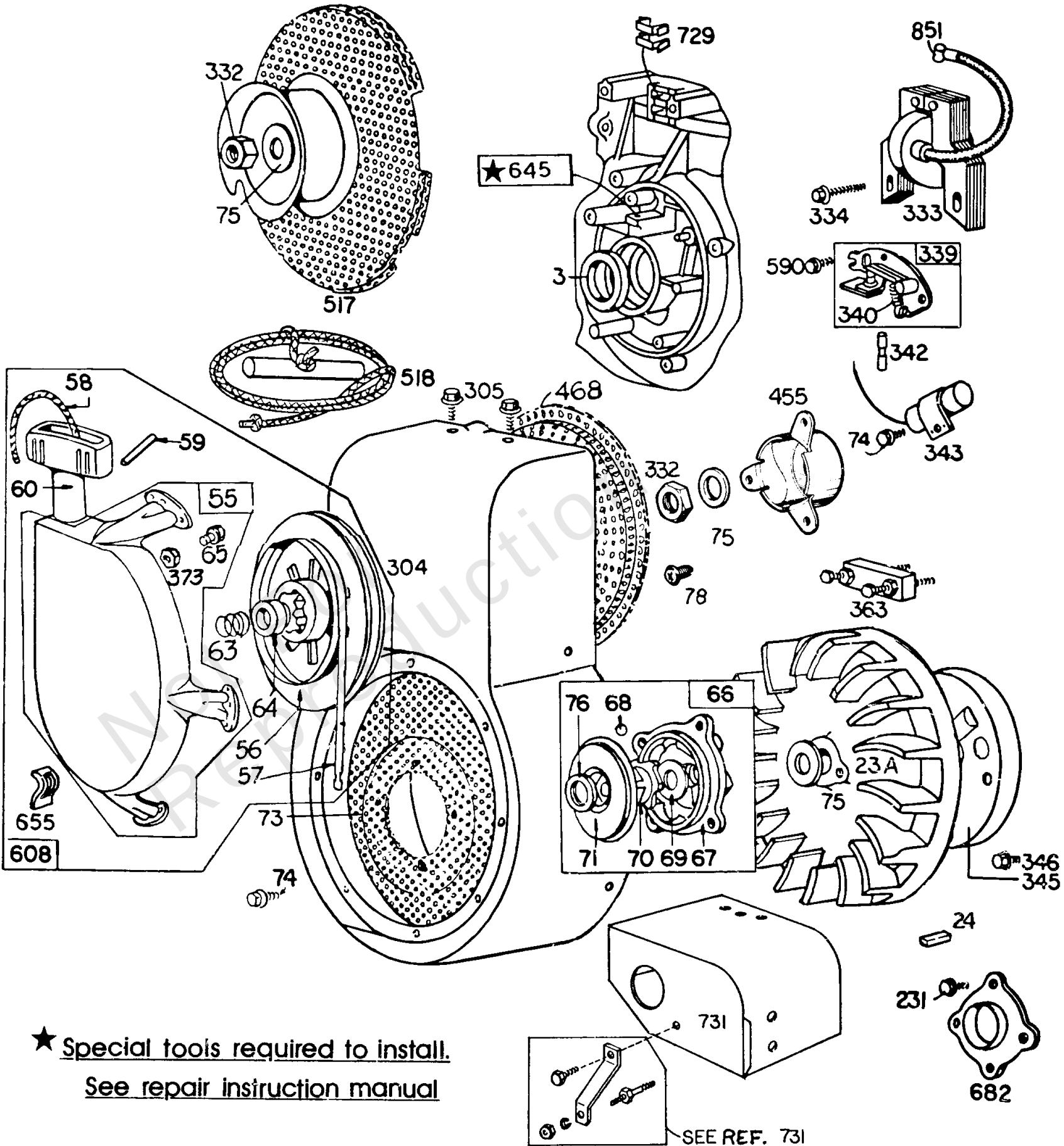
# Parts Manual

Mfg. No: 220432-0152-99



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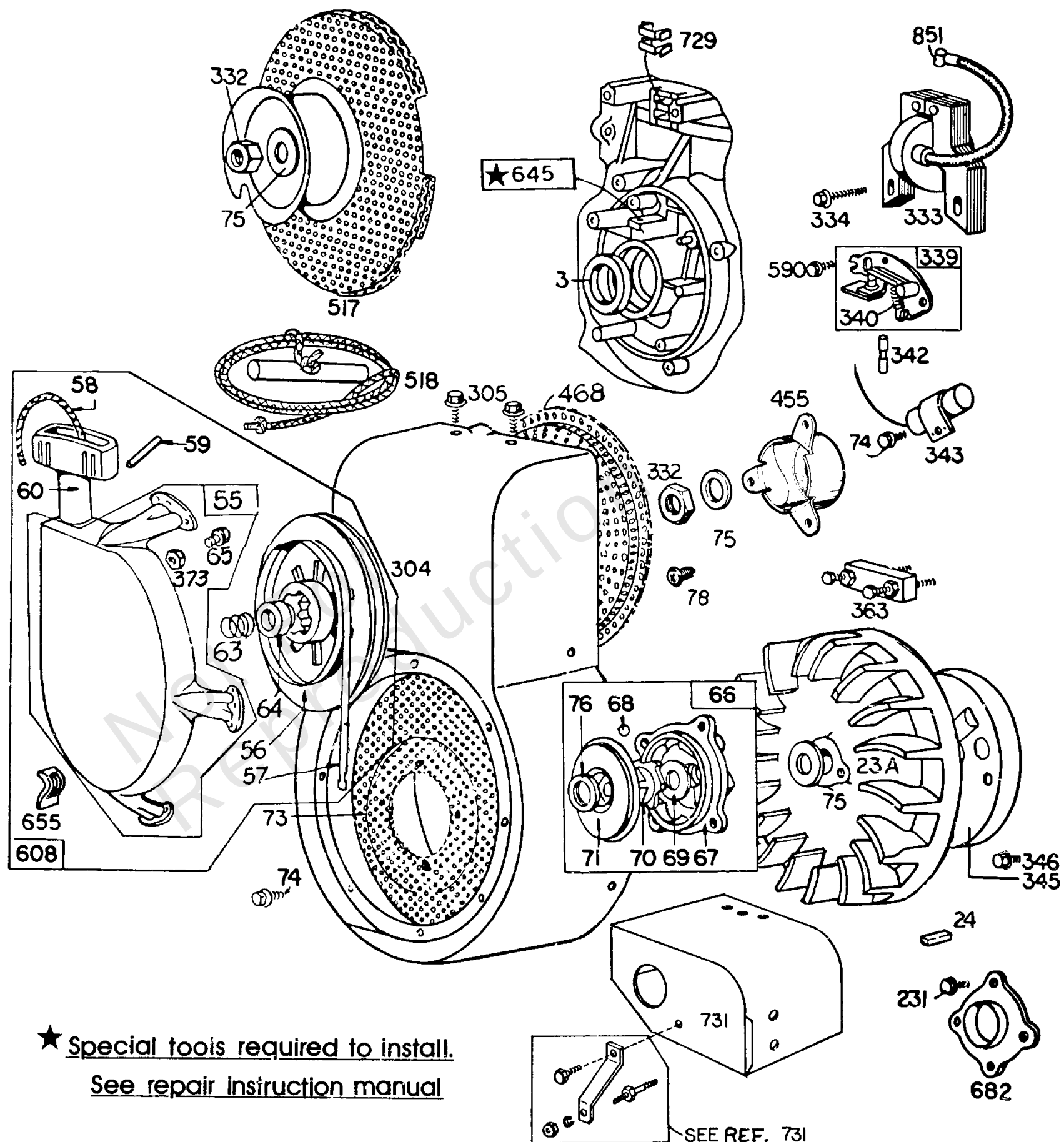


## Blower Hsg,Flywheel,Rewind

| REF NO | PART NO | QTY | DESCRIPTION                                                            |
|--------|---------|-----|------------------------------------------------------------------------|
| 3      | 391086  |     | SEAL, Oil<br>-(Magneto Side)                                           |
| 23A    | 392157  |     | FLYWHEEL<br>-(Rope And Rewind Starter)                                 |
| 24     | 61760   |     | KEY, Flywheel<br>-(Breaker Ignition)                                   |
| 55     | 393576  |     | HOUSING, Rewind Starter                                                |
| 56     | 295871  |     | PULLEY, Starter<br>-(63 Rope)                                          |
| 57     | 294303  |     | SPRING, Rewind Starter                                                 |
| 58     | 66884   |     | ROPE, Starter<br>-(Cut To Required Length)                             |
| 59     | 230228  |     | PIN, Starter Grip                                                      |
| 60     | 66728   |     | GRIP, Starter Rope                                                     |
| 63     | 260414  |     | SPRING, Ratchet                                                        |
| 64     | 230543  |     | ADAPTER, Ratchet Spring                                                |
| 65     | 93067   |     | SCREW<br>-(3/8)                                                        |
| 66     | 298798  |     | CLUTCH, Starter<br>-(Rewind Starter)                                   |
| 67     | 212132  |     | HOUSING, Clutch                                                        |
| 68     | 63770   |     | BALL, Clutch                                                           |
| 69     | 66718   |     | WASHER<br>-(1-1/16 O.D. X 17/32 I.D.) (1 1/16 O.D. X 17/32 I.D.)       |
| 70     | 298799  |     | RATCHET, Clutch<br>-(engine W/Ring Gear on FW equipped for Elec Start) |
| 71     | 221653  |     | WASHER                                                                 |
| 73     | 221796  |     | SCREEN, Rotating                                                       |
| 74     | 93042   |     | SCREW                                                                  |
| 75     | 220865  |     | WASHER<br>-(Heavy Flywheel)                                            |
| 76     | 68238   |     | SEAL, Ratchet                                                          |
| 78     | 93805   |     | SCREW                                                                  |
| 231    | 93064   |     | SCREW                                                                  |
| 304    | 391502  |     | HOUSING, Blower                                                        |
| 305    | 93158   |     | SCREW<br>-(1/4-20 X 5/8)                                               |
| 332    | 92284   |     | NUT<br>-(Flywheel)                                                     |
| 333    | 298968  |     | ARMATURE, Magneto<br>-(Breaker Ignition)                               |
| 334    | 93381   |     | SCREW                                                                  |
| 339    | 391284  |     | BREAKER, Ignition                                                      |
| 340    | 26018   |     | SPRING, Breaker Arm                                                    |
| 342    | 65704   |     | PLUNGER, Breaker                                                       |
| 343    | 29861   |     | CONDENSER                                                              |
| 345    | 222309  |     | COVER, Breaker                                                         |
| 346    | 93705   |     | SCREW<br>-(8-32 X 3/8)                                                 |
| 363    | 19203   |     | PULLER, Flywheel                                                       |
| 373    | 92987   |     | STARTER, Rewind                                                        |
| 455    | 222561  |     | CUP, Flywheel                                                          |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines



## ***Blower Hsg, Flywheel, Rewind***

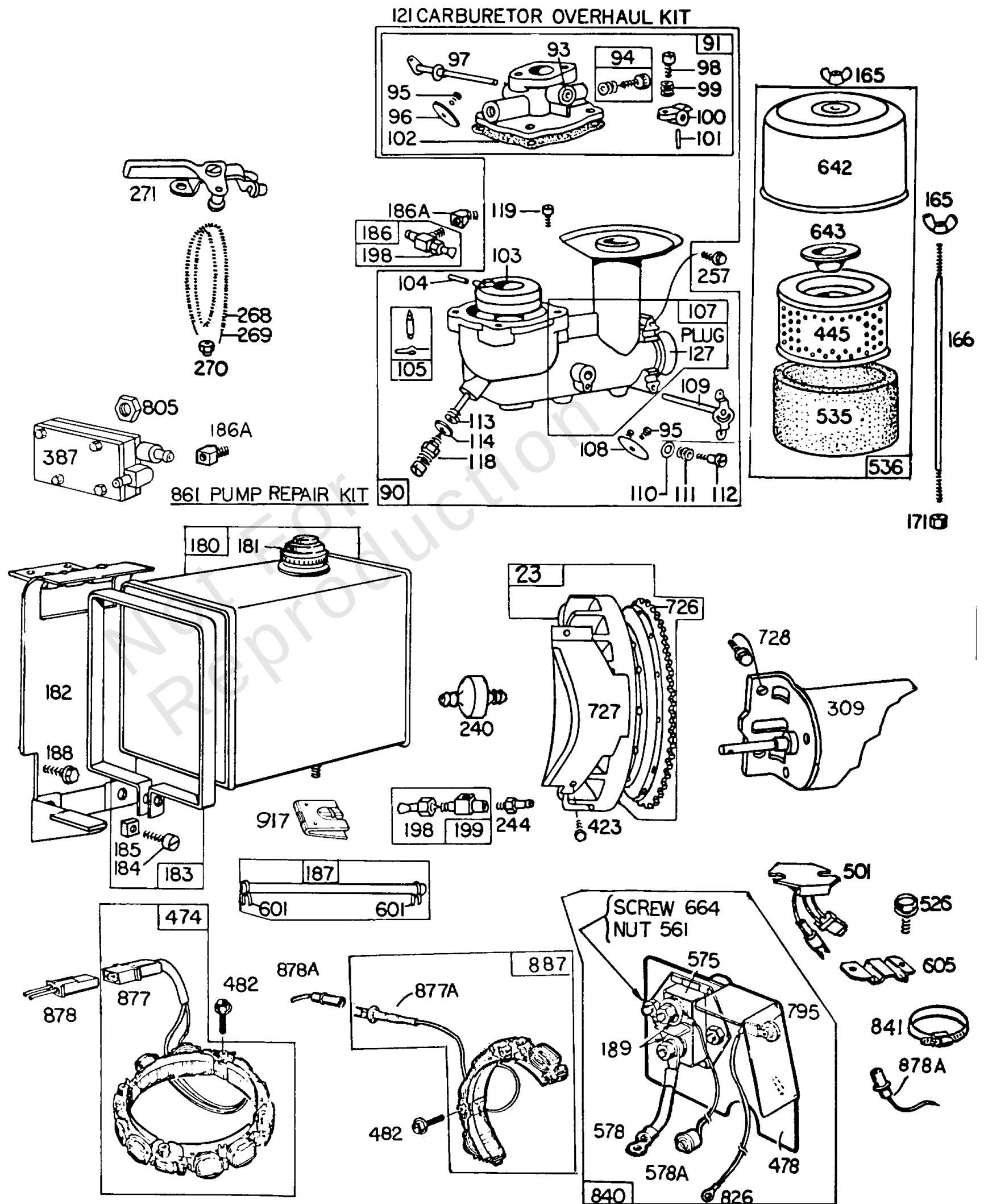
| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                                |
|--------|---------|-----|--------------------------------------------------------------------------------------------------------------------------------------------|
| 468    | 222562  |     | SCREEN, Rotating                                                                                                                           |
| 517    | 295423  |     | PULLEY, Rope Starter                                                                                                                       |
| 518    | 69932   |     | GRIP, Starter Rope                                                                                                                         |
| 590    | 93226   |     | SCREW                                                                                                                                      |
| 608    | 390391  |     | STARTER, Rewind                                                                                                                            |
| 645    | 23513   |     | BUSHING, Plunger<br>-(Used only with Breaker Point Ignition)                                                                               |
| 655    | 222598  |     | ANCHOR, Rewind Spring<br>-(Stamped Rewind Housing)                                                                                         |
| 682    | 211516  |     | SHIELD, Starter                                                                                                                            |
| 729    | 221907  |     | CLIP, Wire                                                                                                                                 |
| 731    | 394660  |     | HOOD, Snow<br>-Uses: 222710 Strap-Support 93705 Screw (Hood to Strap) 93042 Screw (Hood to Blower Hsg.) 93559 Screw-Sem (Hood to Cyl. Hd.) |
| 851    | 221798  |     | TERMINAL, Spark Plug                                                                                                                       |

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### **Footnotes:**

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines



## Carb,FuelTank,A/C,Electrical

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                          |
|--------|---------|-----|----------------------------------------------------------------------------------------------------------------------|
| 23     | 391988  |     | FLYWHEEL<br>-(Plastic Motor Drive)                                                                                   |
| 90     | 394745  |     | CARBURETOR<br>-Used Before Code Date 81060200                                                                        |
| 91     | 391833  |     | BODY, Upper Carburetor                                                                                               |
| 93     | 23108   |     | BUSHING, Throttle Shaft                                                                                              |
| 94     | 292681  |     | VALVE, Idle Mixture<br>-Included in Carburetor Overhaul Kit-See Ref. 121                                             |
| 95     | 93499   |     | SCREW<br>-(Throttle Valve)                                                                                           |
| 96     | 221939  |     | VALVE, Throttle                                                                                                      |
| 97     | 391596  |     | SHAFT, Throttle                                                                                                      |
| 98     | 91920   |     | SCREW<br>-(8-32 X 5/8)                                                                                               |
| 99     | 26157   |     | SPRING, Compression                                                                                                  |
| 100    | 61967   |     | STOP, Throttle                                                                                                       |
| 101    | 93043   |     | PIN, Shaft                                                                                                           |
| 102    | 270268  |     | GASKET, Carburetor Body<br>-Included in Carburetor Overhaul Kit-See Ref. 121. Included in Gasket Set-Part No. 391834 |
| 103    | 298514  |     | FLOAT, Carburetor                                                                                                    |
| 104    | 230896  |     | PIN, Float Hinge<br>-Included in Carburetor Overhaul Kit-See Ref. 121                                                |
| 105    | 299096  |     | KIT, Needle/Seat<br>-Used Before Code Date 81060200                                                                  |
| 105    | 394681  |     | KIT, Needle/Seat<br>-(Gravity Feed)<br>-Used After Code Date 81060100                                                |
| 107    | 391829  |     | BODY, Lower Carburetor                                                                                               |
| 108    | 391836  |     | VALVE, Choke                                                                                                         |
| 109    | 391583  |     | SHAFT, Choke                                                                                                         |
| 110    | 62899   |     | WASHER<br>-(Thermostat)                                                                                              |
| 111    | 26155   |     | SPRING, Friction                                                                                                     |
| 112    | 23123   |     | SCREW                                                                                                                |
| 113    | 390395  |     | NOZZLE, Carburetor<br>-Used Before Code Date 81060200                                                                |
| 114    | 68667   |     | WASHER<br>-(Viton Seat) Included in Carburetor Overhaul Kit-See Ref. 121                                             |
| 118    | 99525   |     | VALVE, High Speed<br>-Included in Carburetor Overhaul Kit-See Ref. 121                                               |
| 119    | 93496   |     | SCREW<br>-(10-32 X 5/8)                                                                                              |
| 121    | 391071  |     | KIT, Carburetor Overhaul<br>-Used Before Code Date 81060200                                                          |
| 121    | 394989  |     | KIT, Carburetor Overhaul<br>-Used After Code Date 81060100                                                           |
| 127    | 221747  |     | PLUG, Welch<br>-Included in Carburetor Overhaul Kit-See Ref. 121                                                     |
| 165    | 93453   |     | NUT                                                                                                                  |
| 166    | 231007  |     | STUD<br>-(Air Cleaner)                                                                                               |

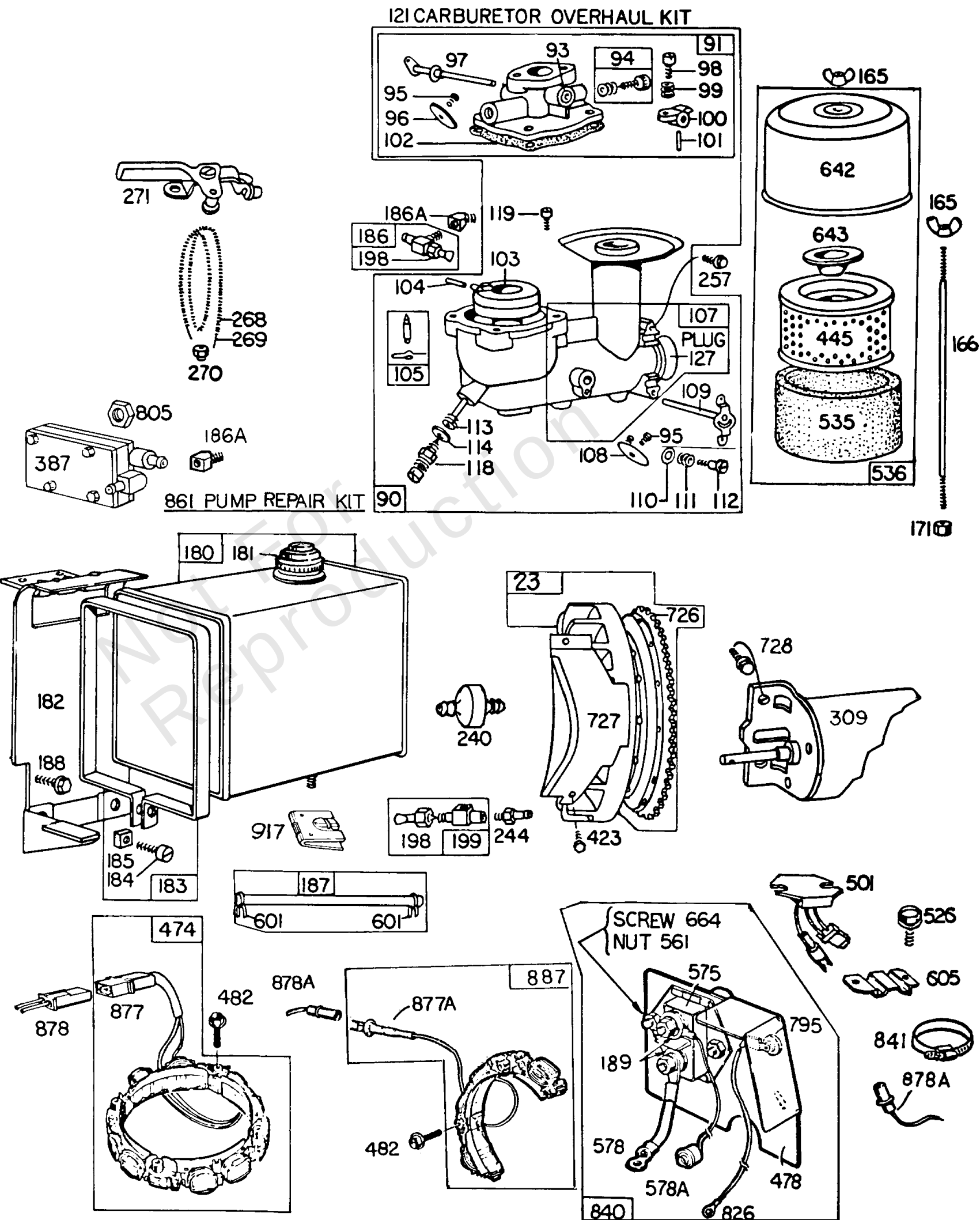
### Footnotes:

Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121



## Carb,FuelTank,A/C,Electrical

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                                                             |
|--------|---------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 166    | 93110   |     | SCREW<br>-Used to plug Air Cleaner Stud Hole in bottom of Carburetor.                                                                                                   |
| 171    | 92129   |     | NUT<br>-(1/4-28)                                                                                                                                                        |
| 180    | 291488  |     | TANK, Fuel<br>-(6 Quart)                                                                                                                                                |
| 181    | 392301  |     | CAP, Fuel Tank                                                                                                                                                          |
| 182    | 222827  |     | BRACKET, Fuel Tank                                                                                                                                                      |
| 183    | 291490  |     | STRAP, Fuel Tank<br>-(6 Quart)                                                                                                                                          |
| 184    | 91257   |     | SCREW<br>-(1/4-20 X 1-1/2)                                                                                                                                              |
| 185    | 90970   |     | NUT<br>-(1/4-20)                                                                                                                                                        |
| 186A   | 92780   |     | CONNECTOR, Hose                                                                                                                                                         |
| 186    | 390303  |     | OUTLET, Tank                                                                                                                                                            |
| 187    | 296004  |     | LINE, Fuel<br>-(Cut To Required Length) Uses: 280275 Cable Tie                                                                                                          |
| 188    | 93535   |     | SCREW<br>-(5/16-18 X 3/4)                                                                                                                                               |
| 189    | 90366   |     | WASHER                                                                                                                                                                  |
| 198    | 293934  |     | VALVE, Fuel Shut Off                                                                                                                                                    |
| 199    | 297563  |     | OUTLET, Tank                                                                                                                                                            |
| 240    | 298090  |     | FILTER, Fuel                                                                                                                                                            |
| 244    | 230318  |     | CONNECTOR, Hose                                                                                                                                                         |
| 257    | 93543   |     | SCREW<br>-(10-32 X 3/8)                                                                                                                                                 |
| 268    | 65616   |     | CASING, Control Wire<br>-(Cut To Required Length)                                                                                                                       |
| 269    | 26633   |     | WIRE, Control<br>-(Cut To Required Length) If longer wire is required, specify length in inches; if shorter wire is needed, Order No. 26633 and cut to required length. |
| 270    | 63426   |     | NUT<br>-(Control Wire Casing)                                                                                                                                           |
| 271    | 290568  |     | LEVER, Control                                                                                                                                                          |
| 309    | 392749  |     | MOTOR, Starter<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                             |
| 309    | 394805  |     | MOTOR, Starter<br>-(3 1/16 Housing)                                                                                                                                     |
| 387    | 390665  |     | PUMP, Fuel                                                                                                                                                              |
| 423    | 93410   |     | SCREW                                                                                                                                                                   |
| 423    | 93984   |     | SCREW                                                                                                                                                                   |
| 445    | 390930  |     | FILTER, A/C Cartridge                                                                                                                                                   |
| 474    | 393295  |     | ALTERNATOR<br>-(10, 13, or 16 Amp-Depending on Size of Flywheel Magnets) (Regulated)                                                                                    |
| 474    | 393474  |     | ALTERNATOR<br>-(Dual Circuit)                                                                                                                                           |
| 478    | 395410  |     | KIT, Panel<br>-Used Before Code Date 81102100                                                                                                                           |
| 482    | 93621   |     | SCREW<br>-(Tapping)                                                                                                                                                     |
| 501    | 393374  |     | REGULATOR<br>-(10 Amp)                                                                                                                                                  |

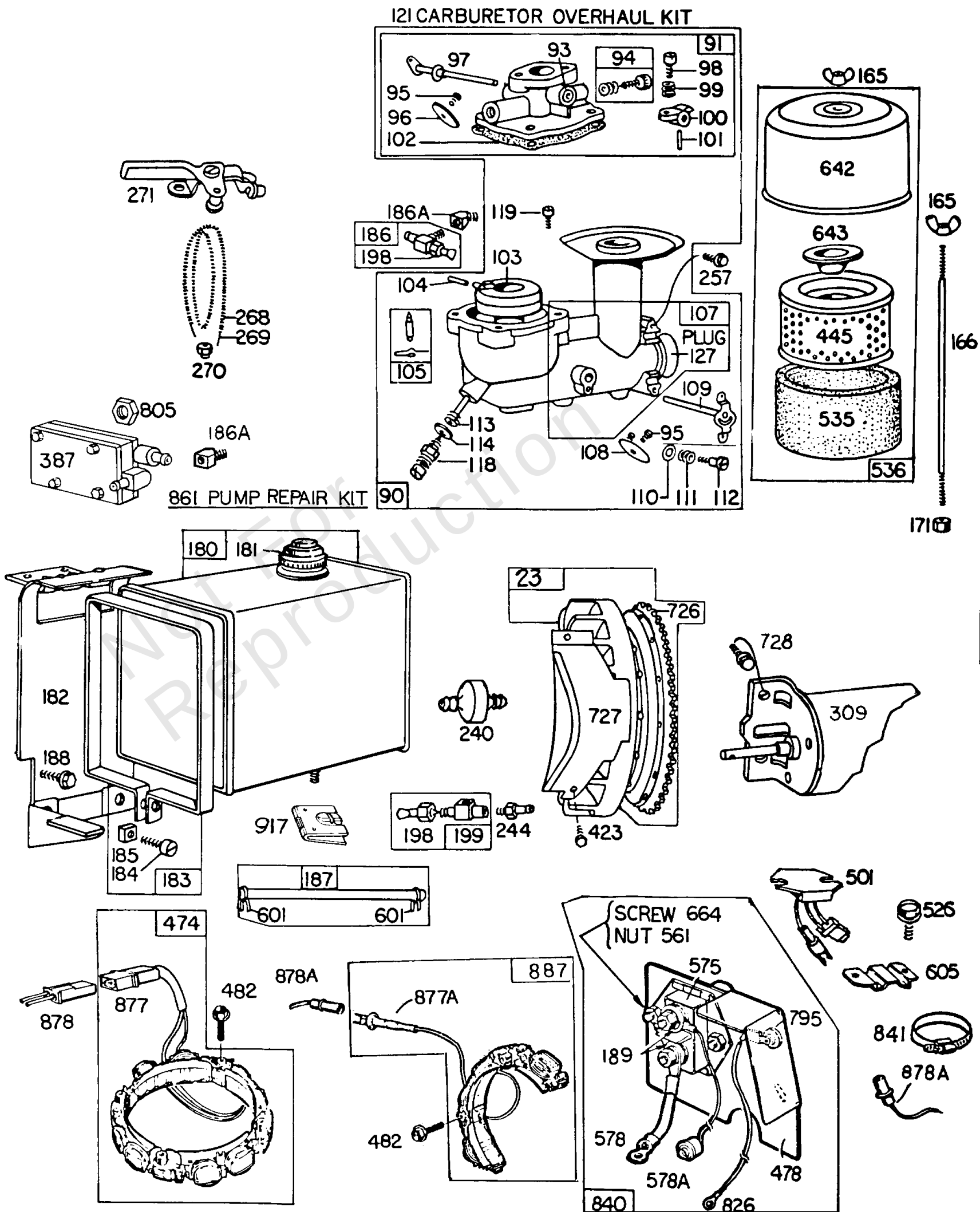
### Footnotes:

Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121



## Carb,FuelTank,A/C,Electrical

| REF NO | PART NO | QTY | DESCRIPTION                                                       |
|--------|---------|-----|-------------------------------------------------------------------|
| 526    | 93343   |     | SCREW<br>-(Control Panel)                                         |
| 535    | 270782  |     | FILTER, Air Cleaner Foam                                          |
| 536    | 391063  |     | CLEANER, Air                                                      |
| 561    | 92278   |     | NUT<br>-(Starting Switch)                                         |
| 575    | 299139  |     | SWITCH, Starting                                                  |
| 578A   | 393109  |     | WIRE ASSEMBLY<br>-(Starter Switch To Alternator)                  |
| 578    | 392683  |     | CABLE, Starter                                                    |
| 601    | 93053   |     | CLAMP, Hose<br>-(Green)                                           |
| 605    | 222934  |     | BRACKET, Mounting                                                 |
| 642    | 222271  |     | COVER, Air Cleaner                                                |
| 643    | 222272  |     | RETAINER, Air Filter                                              |
| 664    | 93415   |     | SCREW<br>-(1/4-20 X 3/4)                                          |
| 726    | 392134  |     | GEAR, Ring                                                        |
| 727    | 93713   |     | WASHER<br>-To mount Guard                                         |
| 728    | 93535   |     | SCREW<br>-(5/16-18 X 3/4)                                         |
| 795    | 392697  |     | SWITCH, Toggle<br>-(Toggle Switch) Uses: 93888 Hex. Nut           |
| 795    | 392833  |     | SWITCH, Key                                                       |
| 805    | 231001  |     | NUT                                                               |
| 826    | 392684  |     | WIRE, Stop<br>-(Starter Switch to Ground Wire Terminal)           |
| 840    | 395408  |     | KIT, Panel<br>-(Toggle Switch)<br>-Used Before Code Date 81102100 |
| 840    | 395409  |     | KIT, Panel<br>-(Key Switch)<br>-Used Before Code Date 81102100    |
| 841    | 393514  |     | CLAMP                                                             |
| 861    | 394462  |     | KIT, Fuel Pump<br>-(Use With Pump 390818 Only)                    |
| 877A   | 393814  |     | WIRE/CONNECTOR, Alternator<br>-(10 Amp Regulated)                 |
| 877    | 393456  |     | WIRE/CONNECTOR, Alternator                                        |
| 878A   | 393422  |     | WIRE ASSEMBLY<br>-(Dc Only)                                       |
| 878    | 393362  |     | HARNESS, Alternator<br>-(Dual Circuit)                            |
| 887    | 391529  |     | ALTERNATOR<br>-(DC Only)                                          |
| 917    | 223271  |     | VALVE, Handle Shutoff                                             |

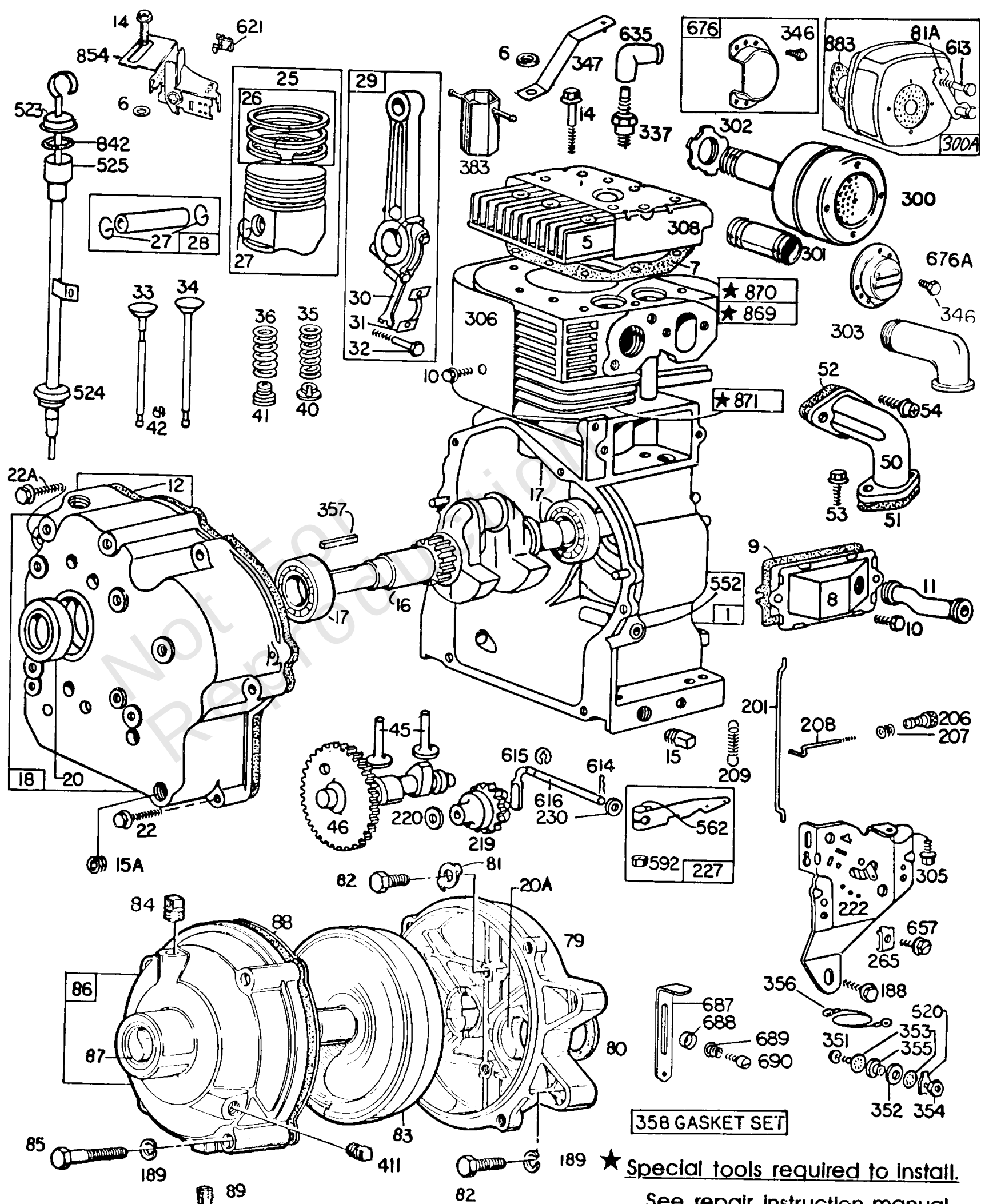
### Footnotes:

Use 392725 Starter Panel Kit on Engines

Use 392918 Starter Panel Kit on Engines

Use 222751 Starter Panel on Engines

Included in Carburetor Overhaul Kit-See Ref. 121

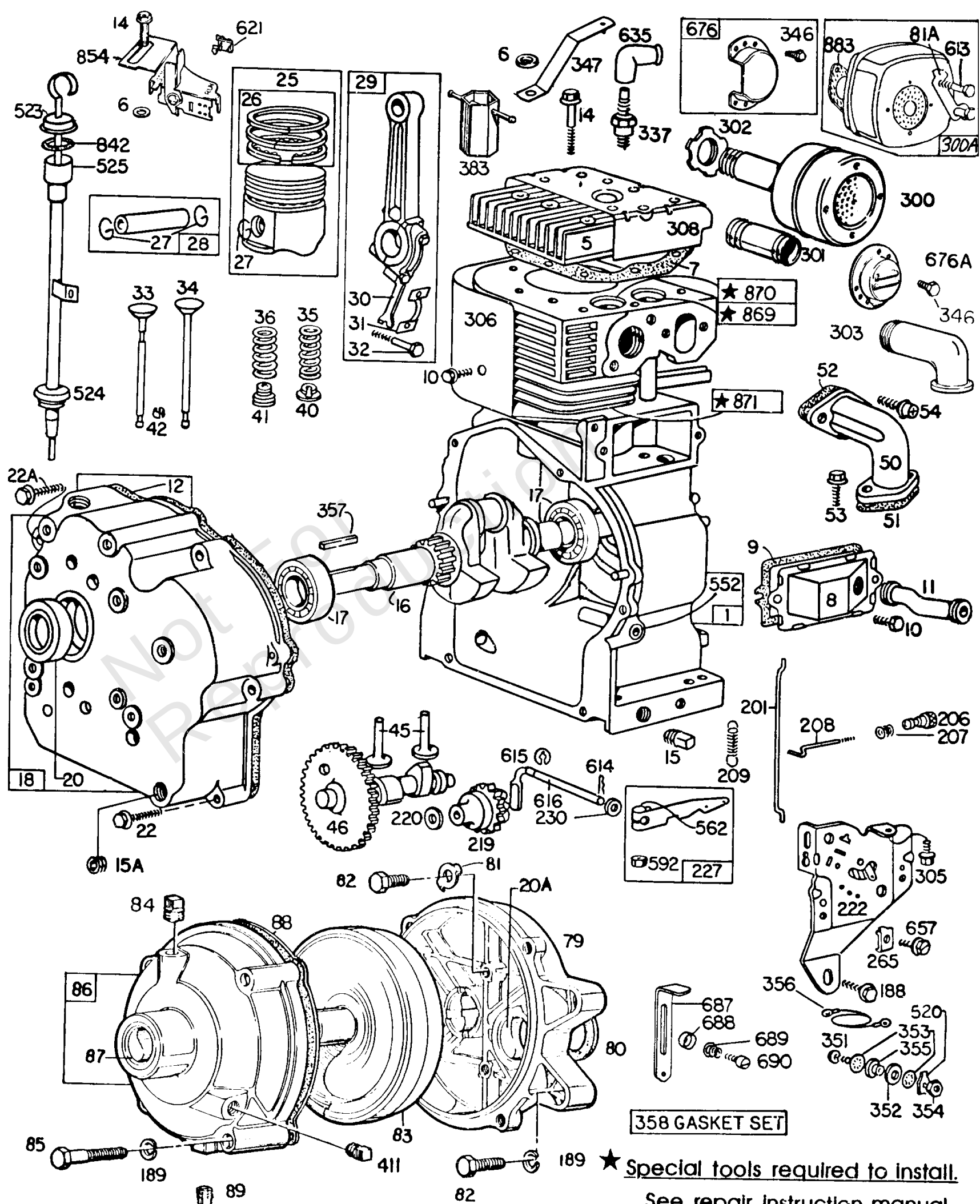


## *Cylinder, Gear Case, Piston*

| REF NO | PART NO | QTY | DESCRIPTION                                                         |
|--------|---------|-----|---------------------------------------------------------------------|
| 1      | 393887  |     | CYLINDER ASSEMBLY                                                   |
| 5      | 212366  |     | HEAD, Cylinder                                                      |
| 6      | 22963   |     | WASHER                                                              |
| 7      | 271075  |     | GASKET, Cylinder Head<br>-Included in Gasket Set-Part No. 391834    |
| 8      | 391575  |     | BREATHER ASSEMBLY                                                   |
| 9      | 27803   |     | GASKET, Rocker Cover<br>-Included in Gasket Set-Part No. 391834     |
| 10     | 93394   |     | SCREW                                                               |
| 11     | 280112  |     | TUBE, Breather                                                      |
| 12     | 270856  |     | GASKET, Crankcase<br>-(1/64) Included in Gasket Set-Part No. 391834 |
| 12     | 270857  |     | GASKET, Crankcase<br>-(.005) Included in Gasket Set-Part No. 391834 |
| 12     | 270858  |     | GASKET, Crankcase<br>-(.009) Included in Gasket Set-Part No. 391834 |
| 14     | 93723   |     | SCREW<br>-(3)                                                       |
| 14     | 93781   |     | STUD<br>-(3 15/16)                                                  |
| 15A    | 93418   |     | PLUG, Oil Drain<br>-(Flush)                                         |
| 15     | 91084   |     | PLUG, Oil Drain<br>-(3/8)                                           |
| 16     | 261510  |     | CRANKSHAFT                                                          |
| 17     | 291667  |     | BEARING, Ball                                                       |
| 18     | 393893  |     | COVER, Crankcase                                                    |
| 20A    | 391086  |     | SEAL, Oil<br>-(Magneto Side)                                        |
| 20     | 291675  |     | SEAL, Oil<br>-(Crankcase Cover)                                     |
| 22A    | 93764   |     | SCREW<br>-(Crankcase Cover)(Position 6)                             |
| 22     | 93585   |     | SCREW<br>-(Crankcase Cover)                                         |
| 22     | 93730   |     | STUD                                                                |
| 25     | 391285  |     | PISTON ASSEMBLY<br>-(Standard)                                      |
| 25     | 391287  |     | PISTON ASSEMBLY<br>-(.010 Oversize)                                 |
| 25     | 391288  |     | PISTON ASSEMBLY<br>-(.020 Oversize)                                 |
| 25     | 391289  |     | PISTON ASSEMBLY<br>-(.030 Oversize)                                 |
| 26     | 391780  |     | SET, Ring<br>-(Standard)                                            |
| 26     | 391781  |     | SET, Ring<br>-(.010 Oversize)                                       |
| 26     | 391782  |     | SET, Ring<br>-(.020 Oversize)                                       |
| 26     | 391783  |     | SET, Ring<br>-(.030 Oversize)                                       |
| 26     | 392331  |     | SET, Ring<br>-(Standard)                                            |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines

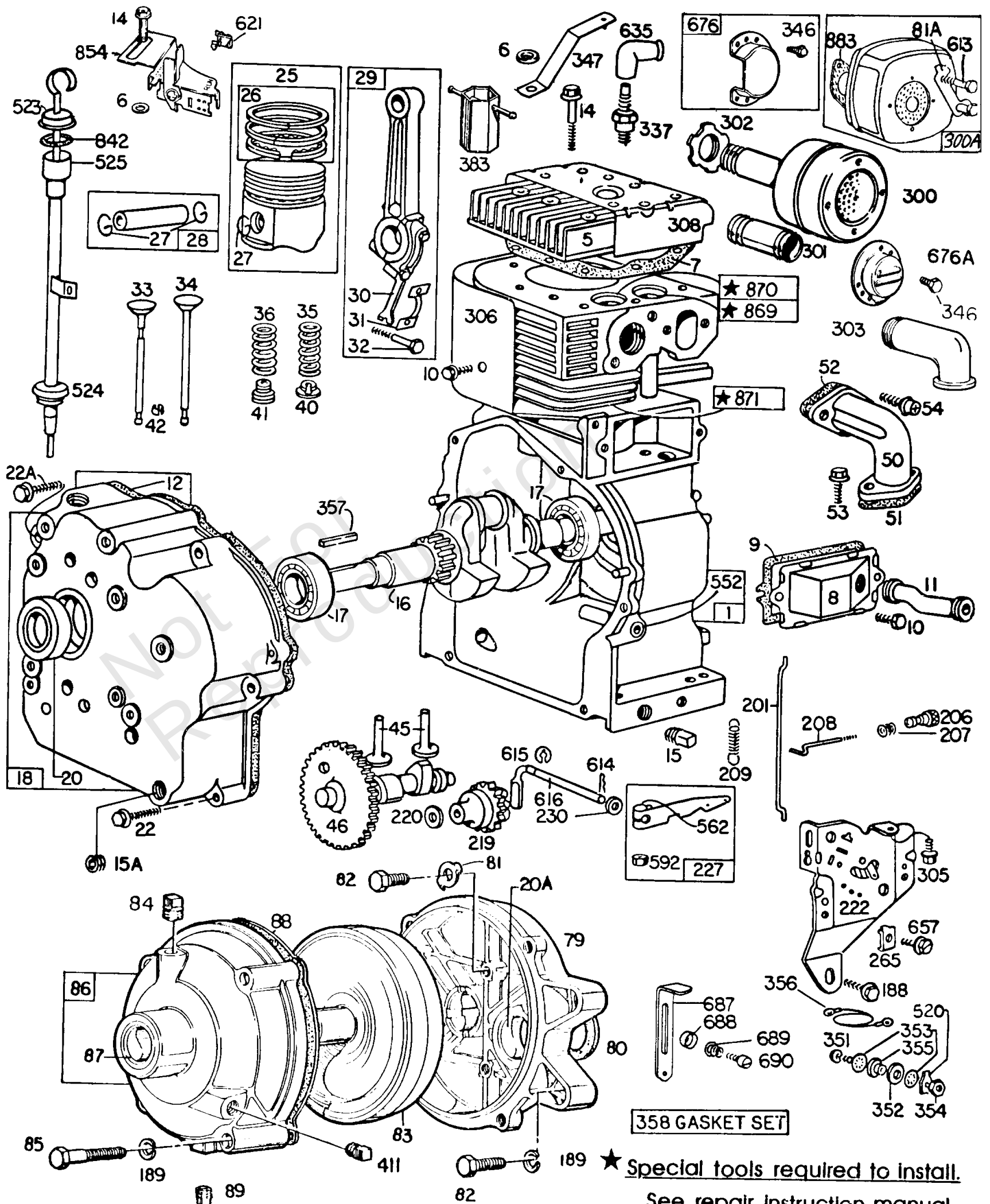


## *Cylinder, Gear Case, Piston*

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                        |
|--------|---------|-----|--------------------------------------------------------------------------------------------------------------------|
| 27     | 260924  |     | LOCK, Piston Pin                                                                                                   |
| 28     | 299691  |     | PIN, Piston<br>-(Standard)                                                                                         |
| 28     | 391286  |     | PIN, Piston<br>-(.005 Oversize)                                                                                    |
| 29     | 393860  |     | ROD, Connecting<br>-(Standard)                                                                                     |
| 29     | 393861  |     | ROD, Connecting<br>-(.020 Undersize)                                                                               |
| 30     | 222329  |     | DIPPER, Connecting Rod                                                                                             |
| 31     | 222299  |     | LOCK, Rod Screw                                                                                                    |
| 32     | 92909   |     | SCREW                                                                                                              |
| 33     | 261185  |     | VALVE, Exhaust                                                                                                     |
| 34     | 261462  |     | VALVE, Intake                                                                                                      |
| 35     | 65906   |     | SPRING, Valve<br>-(Intake)                                                                                         |
| 36     | 26828   |     | SPRING, Valve<br>-(Exhaust)                                                                                        |
| 40     | 221596  |     | RETAINER, Valve<br>-(Valves With Groove In Stem)                                                                   |
| 41     | 292260  |     | RETAINER, Valve<br>-(Exhaust Valve) (Exhaust)                                                                      |
| 42     | 93630   |     | KEEPER, Valve<br>-(2)                                                                                              |
| 45     | 261183  |     | TAPPET, Valve                                                                                                      |
| 46     | 212296  |     | CAMSHAFT                                                                                                           |
| 51     | 270267  |     | GASKET, Intake<br>-Included in Carburetor Overhaul Kit-Part No. 391071. Included in Gasket Set-<br>Part No. 391834 |
| 52     | 270872  |     | GASKET, Intake<br>-Included in Carburetor Overhaul Kit-Part No. 391071. Included in Gasket Set-<br>Part No. 391834 |
| 53     | 93415   |     | SCREW<br>-(1/4-20 X 3/4)                                                                                           |
| 54     | 93208   |     | SCREW<br>-(Intake Manifold)                                                                                        |
| 79     | 296179  |     | CASE, Gear Reduction                                                                                               |
| 80     | 27884   |     | GASKET, Gear Cover/Housing                                                                                         |
| 81A    | 223016  |     | LOCK, Muffler Screw                                                                                                |
| 81     | 220234  |     | LOCK, Muffler Screw                                                                                                |
| 82     | 92502   |     | SCREW                                                                                                              |
| 83     | 291762  |     | SHAFT, Auxiliary Drive                                                                                             |
| 84     | 92617   |     | SCREW<br>-(Gear Case)                                                                                              |
| 85     | 91386   |     | SCREW<br>-(2)                                                                                                      |
| 86     | 296053  |     | COVER, Gear                                                                                                        |
| 87     | 391086  |     | SEAL, Oil<br>-(Magneto Side)                                                                                       |
| 88     | 27328   |     | GASKET, Gear Cover/Housing                                                                                         |
| 89     | 91488   |     | PLUG<br>-(1/8)                                                                                                     |
| 188    | 93535   |     | SCREW<br>-(5/16-18 X 3/4)                                                                                          |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines

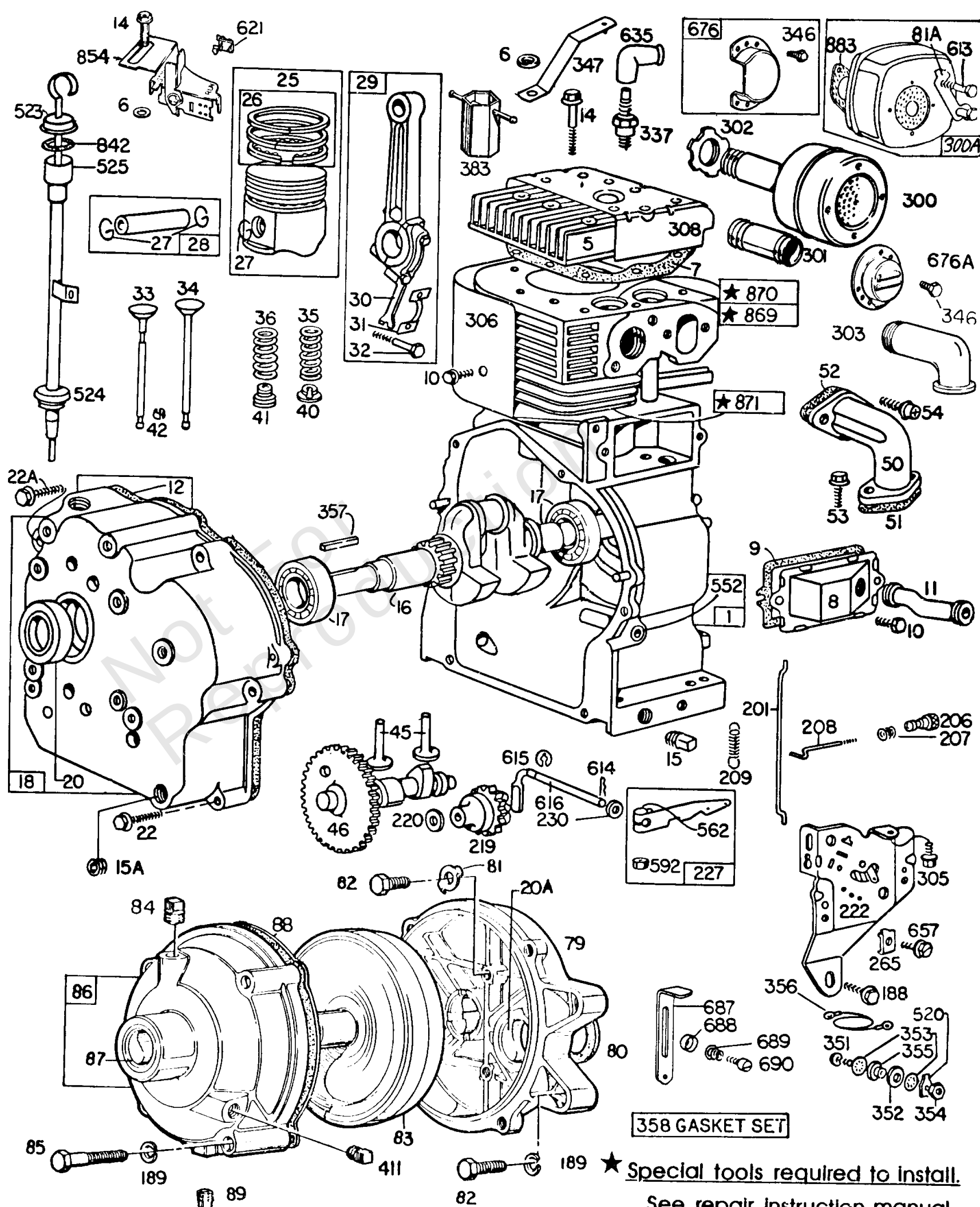


## Cylinder, Gear Case, Piston

| REF NO | PART NO | QTY | DESCRIPTION                                                     |
|--------|---------|-----|-----------------------------------------------------------------|
| 189    | 90366   |     | WASHER                                                          |
| 201    | 260478  |     | SPRING/LINK, Mechanical Governor                                |
| 206    | 230149  |     | NUT, Governor Adjusting<br>-(5-44)                              |
| 207    | 26855   |     | SPRING, Governor Link                                           |
| 208    | 231062  |     | ROD, Governor Control                                           |
| 209    | 261306  |     | SPRING, Governor                                                |
| 219    | 391737  |     | GEAR, Governor                                                  |
| 220    | 221551  |     | WASHER<br>-(Governor Lever)                                     |
| 222    | 391633  |     | BRACKET, Control                                                |
| 227    | 391732  |     | LEVER, Governor Control<br>-(1/4 Diameter)                      |
| 230    | 222450  |     | WASHER                                                          |
| 265    | 221535  |     | CLAMP, Casing<br>-(Stamped Steel)                               |
| 300A   | 394170  |     | MUFFLER<br>-(Square Lo Tone)                                    |
| 300    | 391569  |     | MUFFLER                                                         |
| 302    | 261564  |     | LOCKNUT<br>-(Muffler and Elbow)                                 |
| 303    | 91308   |     | MANIFOLD, Exhaust<br>-(1 Street)                                |
| 305    | 93158   |     | SCREW<br>-(1/4-20 X 5/8)                                        |
| 306    | 222744  |     | SHIELD, Cylinder                                                |
| 308    | 222725  |     | COVER, Cylinder Head                                            |
| 337    | 293918  |     | PLUG, Spark                                                     |
| 337    | 29693   |     | PLUG, Spark                                                     |
| 337    | 298809  |     | PLUG, Spark                                                     |
| 337    | 392588  |     | PLUG, Spark                                                     |
| 346    | 93705   |     | SCREW<br>-(8-32 X 3/8)                                          |
| 347    | 393242  |     | SWITCH, Stop                                                    |
| 351    | 91920   |     | SCREW<br>-(8-32 X 5/8)                                          |
| 352    | 66068   |     | WASHER<br>-(Fiber)                                              |
| 353    | 92791   |     | WASHER                                                          |
| 354    | 90576   |     | NUT<br>-(Ground Terminal)                                       |
| 355    | 66554   |     | WASHER<br>-(Insulating)                                         |
| 356    | 391602  |     | WIRE, Stop                                                      |
| 357    | 91540   |     | KEY, Drive Pulley<br>-(1/4)                                     |
| 358    | 391834  |     | GASKET SET, Engine                                              |
| 383    | 89838   |     | WRENCH, Spark Plug                                              |
| 411    | 93448   |     | PLUG, Oil Drain<br>-(Flush) (1/4-18 NPTF) (Flush) (1/4 18 NPTF) |
| 520    | 93722   |     | TERMINAL, Ground                                                |
| 523    | 392295  |     | DIPSTICK                                                        |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines

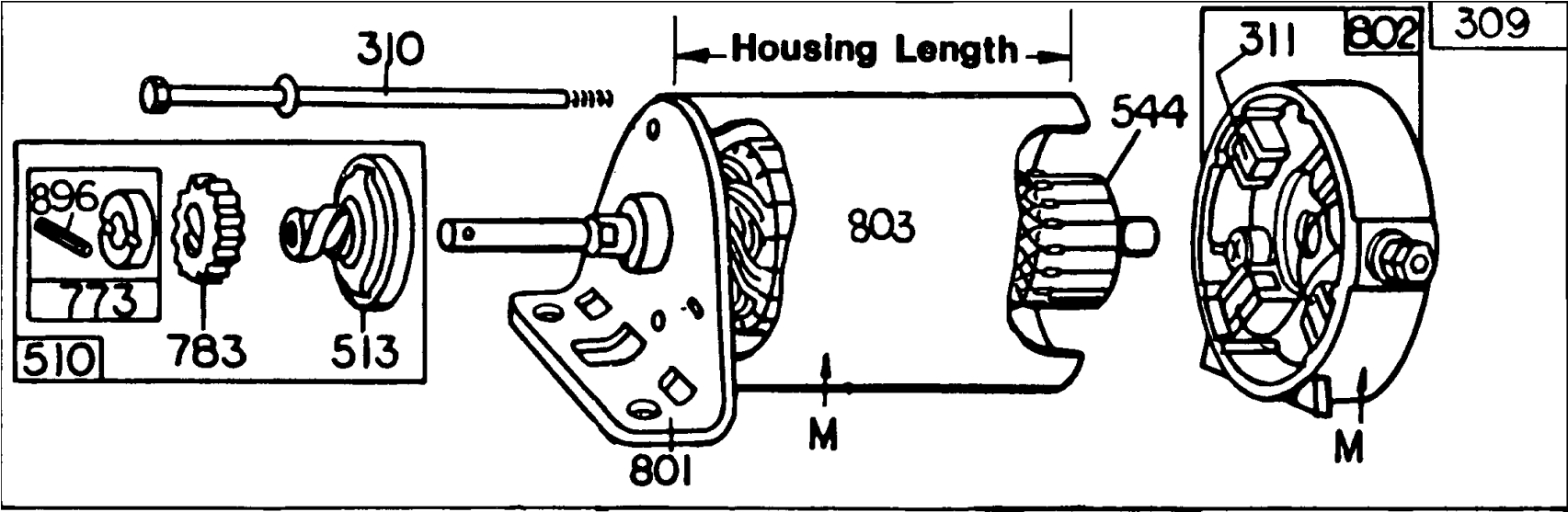


## *Cylinder, Gear Case, Piston*

| REF NO | PART NO | QTY | DESCRIPTION                                            |
|--------|---------|-----|--------------------------------------------------------|
| 524    | 68838   |     | SEAL, O-Ring<br>-(Dipstick Tube)                       |
| 525    | 392283  |     | TUBE, Dipstick                                         |
| 552    | 231056  |     | BUSHING, Governor Crank<br>-(1/4 I.D.)                 |
| 562    | 92613   |     | BOLT<br>-(Governor Lever)                              |
| 592    | 231082  |     | NUT<br>-(Governor Control)                             |
| 613    | 93927   |     | SCREW<br>-(Muffler)                                    |
| 614    | 93306   |     | PIN, Cotter                                            |
| 615    | 93307   |     | RETAINER, Governor Shaft                               |
| 616    | 231057  |     | CRANK, Governor<br>-(1/4 Diameter)                     |
| 621    | 297472  |     | SWITCH, Stop                                           |
| 635    | 66538   |     | BOOT, Spark Plug                                       |
| 657    | 93496   |     | SCREW<br>-(10-32 X 5/8)                                |
| 687    | 298957  |     | SLIDE, Control                                         |
| 688    | 221766  |     | SPRING, Friction                                       |
| 689    | 260847  |     | SPRING, Friction                                       |
| 690    | 92484   |     | SCREW                                                  |
| 842    | 270933  |     | SEAL, O-Ring<br>-(Oil Fill)                            |
| 854    | 392884  |     | BRACKET, Stopswitch                                    |
| 869    | 261463  |     | SEAT, Valve<br>-(Intake)                               |
| 870    | 210940  |     | SEAT, Valve<br>-(Exhaust) (Standard)                   |
| 871    | -----   |     | No Nomenclature<br>-231218 or 230655 See Repair Manual |
| 883    | 270917  |     | GASKET, Exhaust                                        |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Starter Panel on Engines



| Subject              |                   | Ref. No.<br>309          | Ref. No.<br>510   | Ref. No.<br>801        | Ref. No.<br>544      | Ref. No.<br>803     | Ref. No.<br>802              | Ref. No.<br>311   | Ref. No.<br>310       |
|----------------------|-------------------|--------------------------|-------------------|------------------------|----------------------|---------------------|------------------------------|-------------------|-----------------------|
| Starter Motor Mfr.   |                   | Motor and<br>Drive Assy. | Drive<br>Assembly | End Cap Assy.<br>Drive | Armature<br>Assembly | Housing<br>Assembly | End Cap Assy.<br>Commutator* | Brush<br>Assembly | Thru Bolt<br>Assembly |
| Briggs &<br>Stratton | Housing<br>Length |                          |                   |                        |                      |                     |                              |                   |                       |
| +12V                 | 3-1/16"           | 392749                   | 391461**          | 392061                 | 392747               | 392744              | 390846                       | 391705            | 391706                |
| 12V                  | 3-21/32"          | 394805                   | 391461**          | 394856                 | 392747               | 393825              | 395537                       | 395538            | 94003                 |

\*Includes Brush Set

\*\*Includes #391135 Clutch Assembly (Ref. No. 513)  
#280104 Gear (Ref. No. 783)  
#391462 Retainer and Pin (Ref. No. 773)  
# 93754 Roll Pin (Ref. No. 896)

NOTE: **Style Identification** of 12 Volt Motors. New Style: Thru Bolt Heads are Located on the Brush End Head Side.  
†Old Style: Brush End Head is 13/16" Wide.

## Electric Starter and Chart

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                                                                                                                    |
|--------|---------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 309    | 392749  |     | MOTOR, Starter<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                    |
| 309    | 394805  |     | MOTOR, Starter<br>-(3 1/16 Housing)                                                                                                                                                                                            |
| 310    | 391706  |     | SCREW<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                             |
| 310    | 94003   |     | SCREW<br>-(3 5/8 Housing)                                                                                                                                                                                                      |
| 311    | 391705  |     | SET, Brush<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                        |
| 311    | 395538  |     | SET, Brush<br>-(3-5/8 or 4 3/8 Housing)                                                                                                                                                                                        |
| 510    | 391461  |     | DRIVE, Starter<br>-(3 1/2 Housing) Old Style: Brush End Head is 13/16 Wide. Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896) |
| 510    | 391461  |     | DRIVE, Starter<br>-(3 1/2 Housing) Includes #391135 Clutch Assembly (Ref. No. 513) #280104 Gear (Ref. No. 783) #391462 Retainer and Pin (Ref. No. 773) #93754 Roll Pin (Ref. No. 896)                                          |
| 544    | 392747  |     | ARMATURE, Starter<br>-(3 21/32 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                |
| 544    | 392747  |     | ARMATURE, Starter<br>-(3 21/32 Housing)                                                                                                                                                                                        |
| 801    | 392061  |     | CAP, Drive<br>-Old Style: Brush End Head is 13/16 Wide ( 3-1/16 or 3-3/4 Housing)                                                                                                                                              |
| 801    | 394856  |     | CAP, Drive                                                                                                                                                                                                                     |
| 802    | 390846  |     | CAP, End<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide. Includes Brush Set                                                                                                                                      |
| 802    | 395537  |     | CAP, End<br>-(3 5/8 Housing) Includes Brush Set                                                                                                                                                                                |
| 803    | 392744  |     | HOUSING, Starter<br>-(3 1/16 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                  |
| 803    | 393825  |     | HOUSING, Starter<br>-(3 5/8 Housing)                                                                                                                                                                                           |

### Footnotes:

Use 222751 Starter Panel on Engines

*Replacement Engine - US & Canada*

| REF NO | PART NO      | QTY | DESCRIPTION                                                                                                              |
|--------|--------------|-----|--------------------------------------------------------------------------------------------------------------------------|
|        | 130G320125F1 |     | Replacement Engine                                                                                                       |
|        | -----        |     | Top No-Load Speed: 3600<br>-Trim: 01                                                                                     |
|        | -----        |     | Service Note: For all Go-Karts use only a Model 136200 series engine as a replacement, regardless of the original Model. |

Not For Reproduction

