



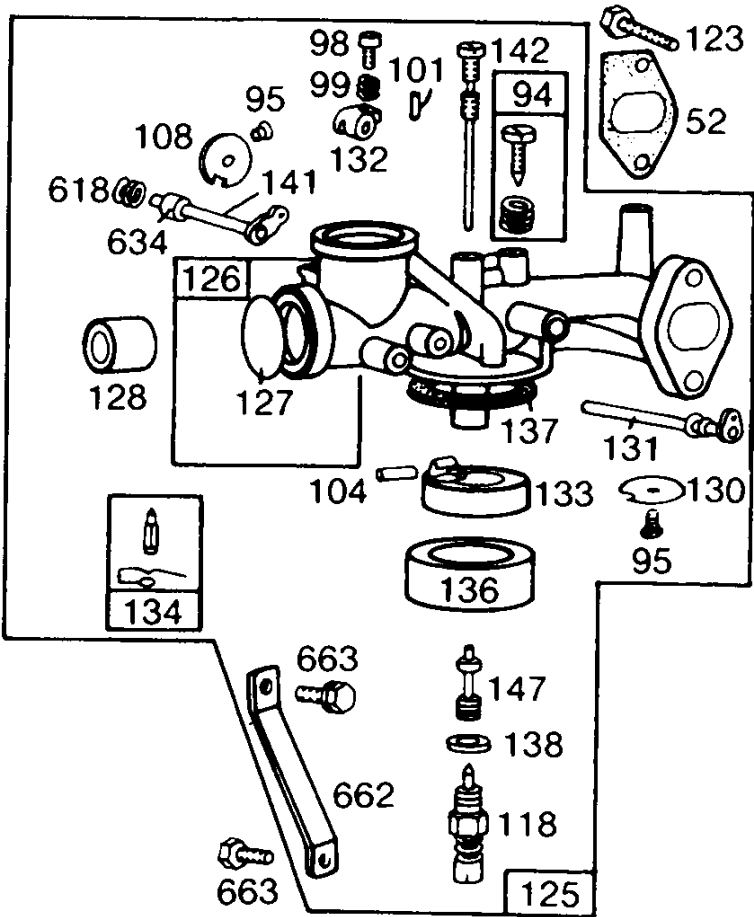
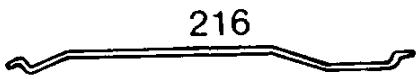
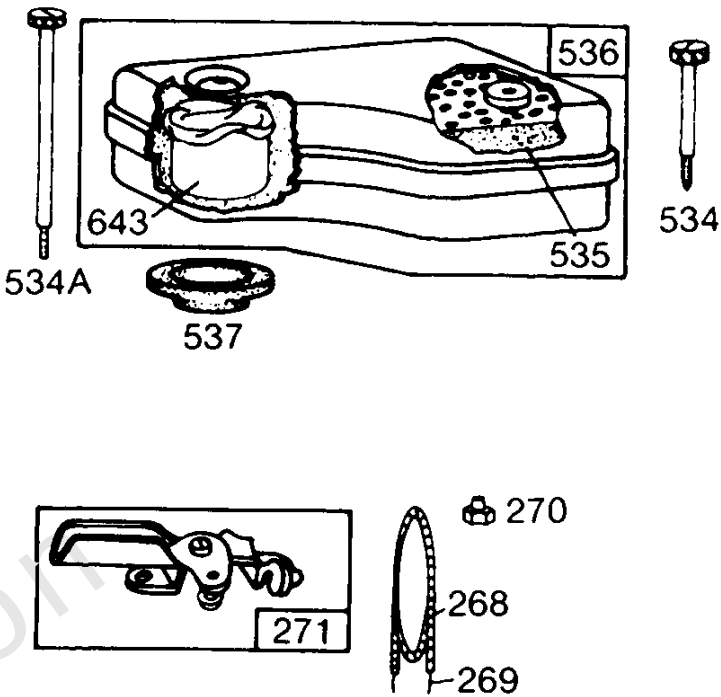
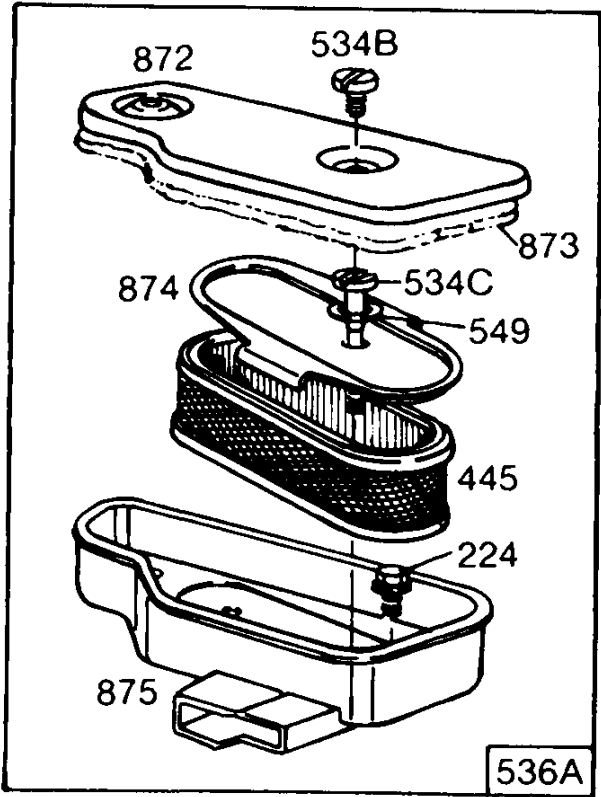
# Parts Manual

Mfg. No: 190702-1149-99



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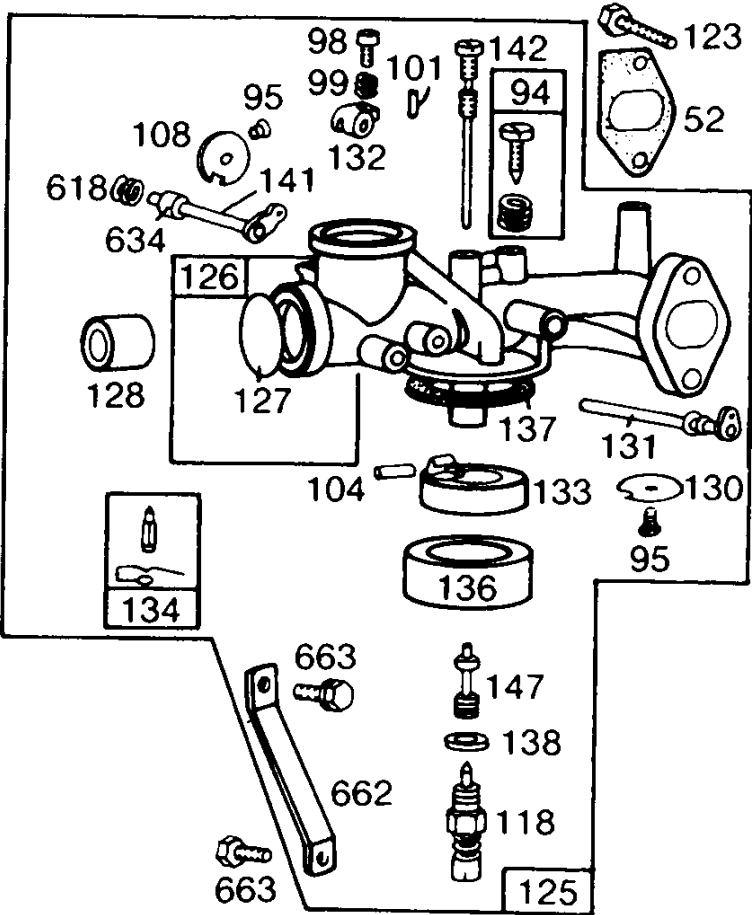
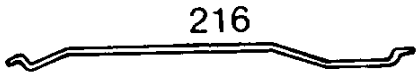
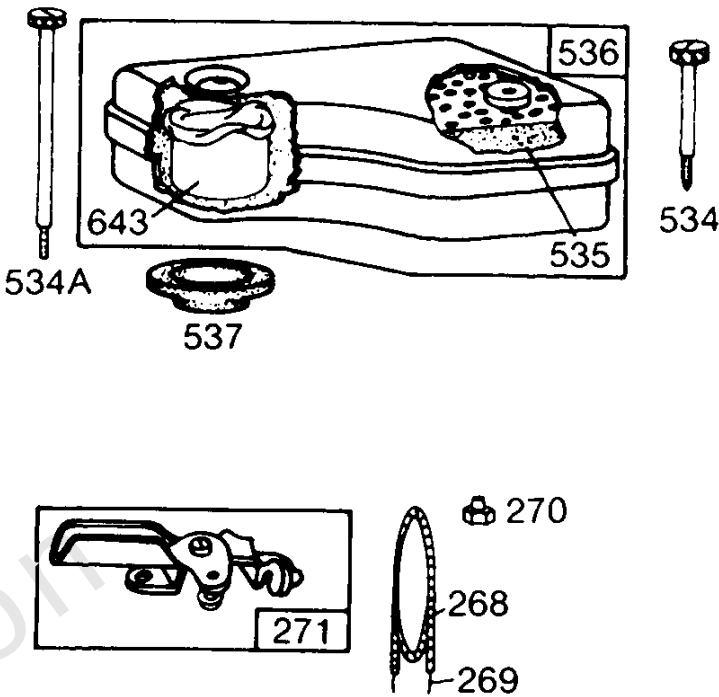
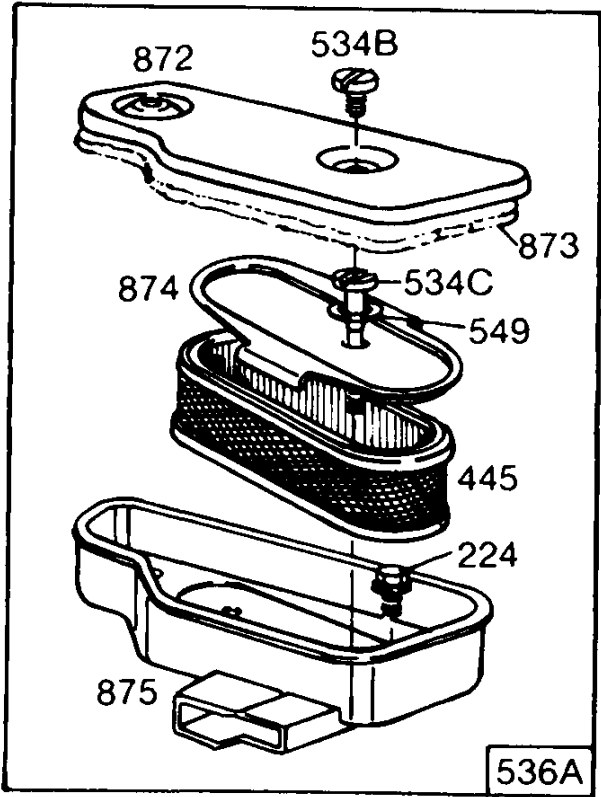


## Carburetors,Air Cleaner Grps

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                                                             |
|--------|---------|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 52     | 270538  |     | GASKET, Intake                                                                                                                                                          |
| 94     | 292681  |     | VALVE, Idle Mixture<br>-Included in Carburetor Overhaul Kit-Part No. 394698                                                                                             |
| 95     | 93499   |     | SCREW<br>-(Throttle Valve)                                                                                                                                              |
| 98     | 91920   |     | SCREW<br>-(8-32 X 5/8)                                                                                                                                                  |
| 99     | 26157   |     | SPRING, Compression                                                                                                                                                     |
| 101    | 93043   |     | PIN, Shaft                                                                                                                                                              |
| 104    | 230896  |     | PIN, Float Hinge<br>-Included in Carburetor Overhaul Kit-Part No. 394698                                                                                                |
| 108    | 222010  |     | VALVE, Choke                                                                                                                                                            |
| 118    | 391233  |     | VALVE, Float Needle<br>-Included in Carburetor Overhaul Kit-Part No. 394698                                                                                             |
| 121    | 299852  |     | CARBURETOR<br>-Used Before Code Date 81033000                                                                                                                           |
| 121    | 394698  |     | KIT, Carburetor Overhaul<br>-Used After Code Date 81032700                                                                                                              |
| 123    | 93357   |     | SCREW                                                                                                                                                                   |
| 125    | 390411  |     | CARBURETOR<br>-(Manual Choke)                                                                                                                                           |
| 126    | 299851  |     | BODY, Lower Carburetor                                                                                                                                                  |
| 127    | 221997  |     | PLUG, Welch                                                                                                                                                             |
| 128    | 211682  |     | VENTURI, Carburetor                                                                                                                                                     |
| 130    | 221986  |     | VALVE, Throttle                                                                                                                                                         |
| 131    | 391512  |     | SHAFT, Throttle                                                                                                                                                         |
| 132    | 211712  |     | STOP, Throttle                                                                                                                                                          |
| 133    | 299707  |     | FLOAT, Carburetor                                                                                                                                                       |
| 134    | 394681  |     | KIT, Needle/Seat<br>-(Gravity Feed) Order No. 394683 for Fuel Pump Application. Included in Carburetor Overhaul Kit-Part No. 394698                                     |
| 136    | 221995  |     | BOWL, Float                                                                                                                                                             |
| 137    | 270511  |     | GASKET, Float Bowl<br>-Included in Carburetor Overhaul Kit-Part No. 394698                                                                                              |
| 138    | 222014  |     | WASHER<br>-(Float Bowl) Included in Carburetor Overhaul Kit-Part No. 394698                                                                                             |
| 141    | 220899  |     | WASHER<br>-(Choke Lever)                                                                                                                                                |
| 142    | 299740  |     | NOZZLE, Carburetor<br>-Included in Carburetor Overhaul Kit-Part No. 394698                                                                                              |
| 147    | 230932  |     | SCREW<br>-(Nozzle) Included in Carburetor Overhaul Kit-Part No. 394698                                                                                                  |
| 216    | 261117  |     | LINK, Choke                                                                                                                                                             |
| 224    | 94018   |     | SCREW                                                                                                                                                                   |
| 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                                                                                                                                                          |

### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Instrument Panel on Engines  
(Used only for Ref. No. 125 Carburetors)



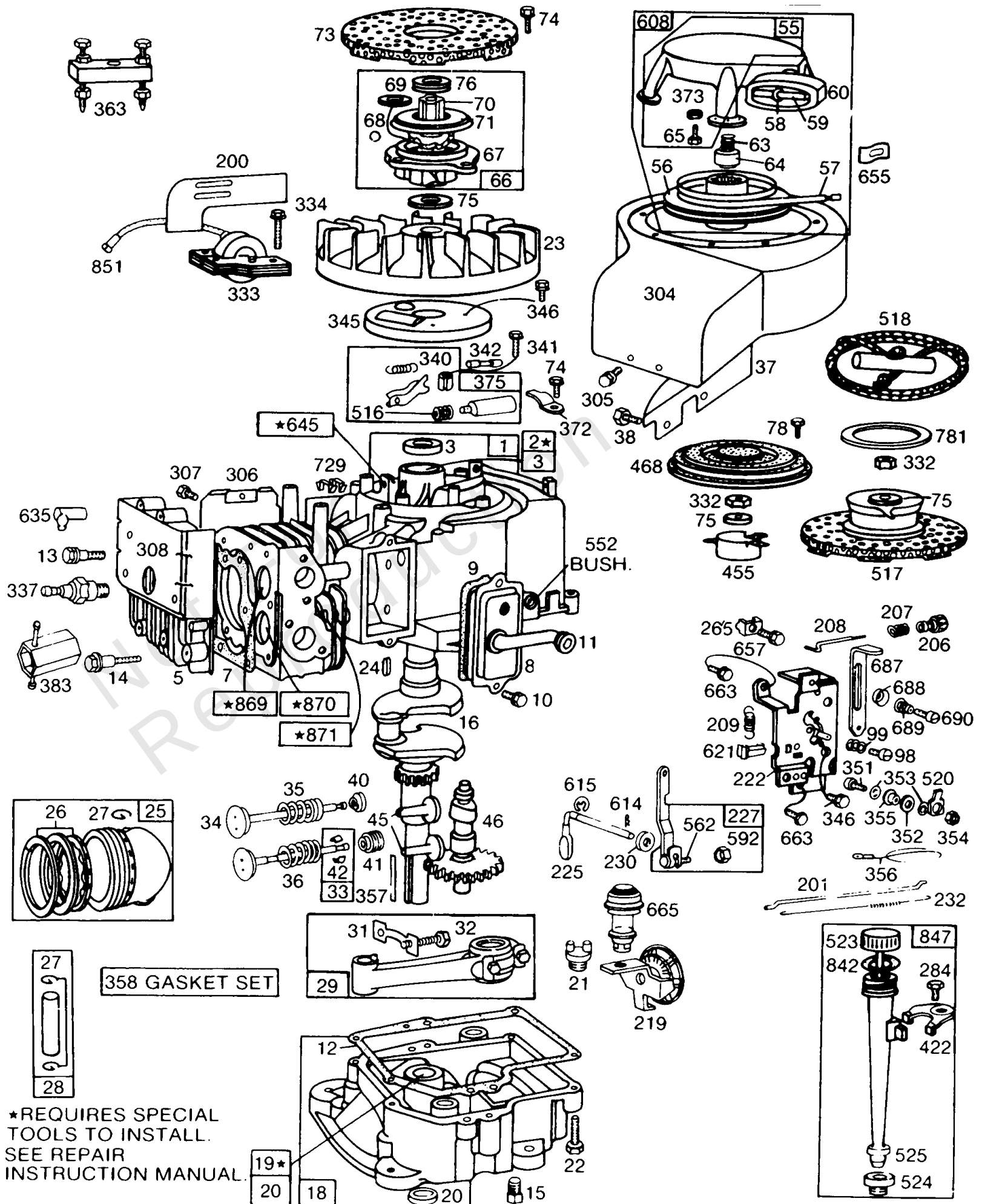
121 CARBURETOR  
OVERHAUL KIT

## Carburetors,Air Cleaner Grps

| REF NO | PART NO | QTY | DESCRIPTION                            |
|--------|---------|-----|----------------------------------------|
| 445    | 393406  |     | FILTER, A/C Cartridge                  |
| 534A   | 93323   |     | SCREW                                  |
| 534C   | 93881   |     | SCREW<br>-(Air Cleaner)                |
| 534B   | 93913   |     | SCREW                                  |
| 534    | 93622   |     | SCREW                                  |
| 535    | 270528  |     | FILTER, A/C Cartridge                  |
| 536A   | 393481  |     | CLEANER, Air                           |
| 536    | 390379  |     | CLEANER, Air                           |
| 537    | 270539  |     | GASKET, Air Cleaner<br>-(Air Cleaner)  |
| 549    | 270978  |     | WASHER<br>-(Below Internal Screw Head) |
| 618    | 261116  |     | SPRING, Choke Return                   |
| 634    | 270382  |     | WASHER<br>-(Foam)                      |
| 643    | 222149  |     | CUP, Air Cleaner                       |
| 662    | 222027  |     | BRACKET, Support                       |
| 663    | 93572   |     | SCREW<br>-(10-32 X 3/8)                |
| 872    | 222897  |     | COVER, Air Cleaner                     |
| 873    | 271171  |     | GASKET, Air Cleaner                    |
| 874    | 222898  |     | RETAINER, Air Filter                   |
| 875    | 393828  |     | BASE, Air Cleaner                      |

### Footnotes:

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(Used only for Ref. No. 125 Carburetors)

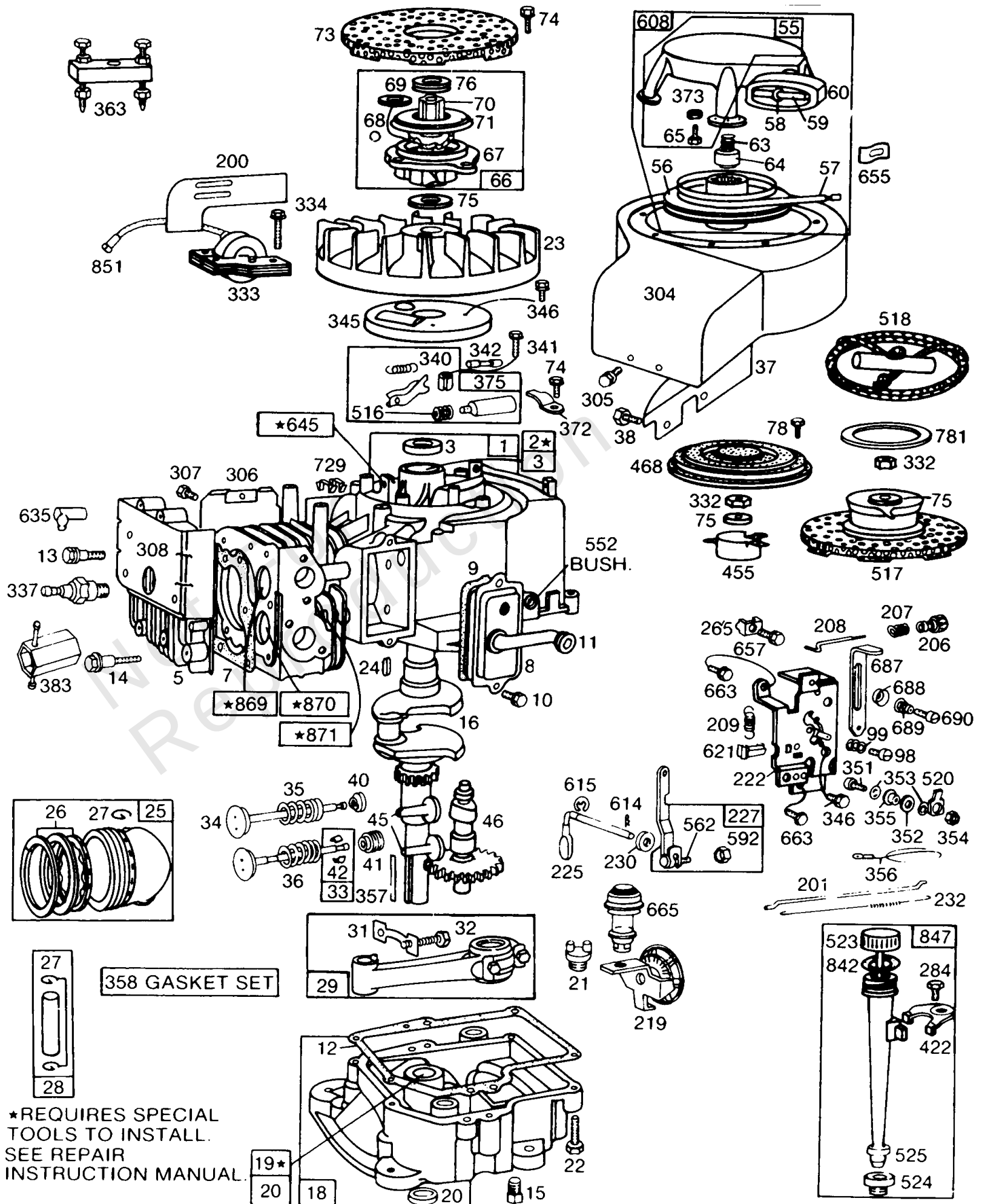


## Cyl, Sump, Piston, Oil Fill

| REF NO | PART NO | QTY | DESCRIPTION                                                         |
|--------|---------|-----|---------------------------------------------------------------------|
| 1      | 392004  |     | CYLINDER ASSEMBLY                                                   |
| 2      | 295962  |     | KIT, Bushing/Seal                                                   |
| 3      | 294606  |     | SEAL, Oil                                                           |
| 5      | 212286  |     | HEAD, Cylinder                                                      |
| 7      | 270430  |     | GASKET, Cylinder Head<br>-Included in Gasket Set-Part No. 299577    |
| 8      | 299848  |     | BREATHER ASSEMBLY                                                   |
| 9      | 27803   |     | GASKET, Rocker Cover<br>-Included in Gasket Set-Part No. 299577     |
| 10     | 93394   |     | SCREW                                                               |
| 11     | 280005  |     | TUBE, Breather                                                      |
| 12     | 27750   |     | GASKET, Crankcase<br>-(1/64) Included in Gasket Set-Part No. 299577 |
| 12     | 27876   |     | GASKET, Crankcase<br>-(.005) Included in Gasket Set-Part No. 299577 |
| 12     | 27877   |     | GASKET, Crankcase<br>-(.009) Included in Gasket Set-Part No. 299577 |
| 13     | 93211   |     | SCREW<br>-(5/16-18 X 2-21/32)                                       |
| 13     | 93776   |     | STUD<br>-(Cylinder Head)                                            |
| 14     | 93723   |     | SCREW<br>-(3)                                                       |
| 14     | 93781   |     | STUD<br>-(3 15/16)                                                  |
| 15     | 91084   |     | PLUG, Oil Drain<br>-(3/8)                                           |
| 16     | 261038  |     | CRANKSHAFT                                                          |
| 18     | 392548  |     | SUMP, Engine                                                        |
| 19     | 295963  |     | KIT, Bushing/Seal                                                   |
| 20     | 391086  |     | SEAL, Oil<br>-(Magnetos Side)                                       |
| 21     | 66768   |     | PLUG, Oil                                                           |
| 22     | 93585   |     | SCREW<br>-(Crankcase Cover)                                         |
| 23     | 298260  |     | FLYWHEEL                                                            |
| 24     | 61760   |     | KEY, Flywheel<br>-(Breaker Ignition)                                |
| 25     | 391673  |     | PISTON ASSEMBLY<br>-(Standard)                                      |
| 25     | 391674  |     | PISTON ASSEMBLY<br>-(.010 Oversize)                                 |
| 25     | 391675  |     | PISTON ASSEMBLY<br>-(.020 Oversize)                                 |
| 25     | 391676  |     | PISTON ASSEMBLY<br>-(.030 Oversize)                                 |
| 26     | 299743  |     | SET, Ring<br>-(.030 Oversize Chrome)                                |
| 26     | 391669  |     | SET, Ring<br>-(Standard)                                            |
| 26     | 391670  |     | SET, Ring<br>-(.010 Oversize)                                       |
| 26     | 391671  |     | SET, Ring<br>-(.020 Oversize)                                       |

### Footnotes:

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

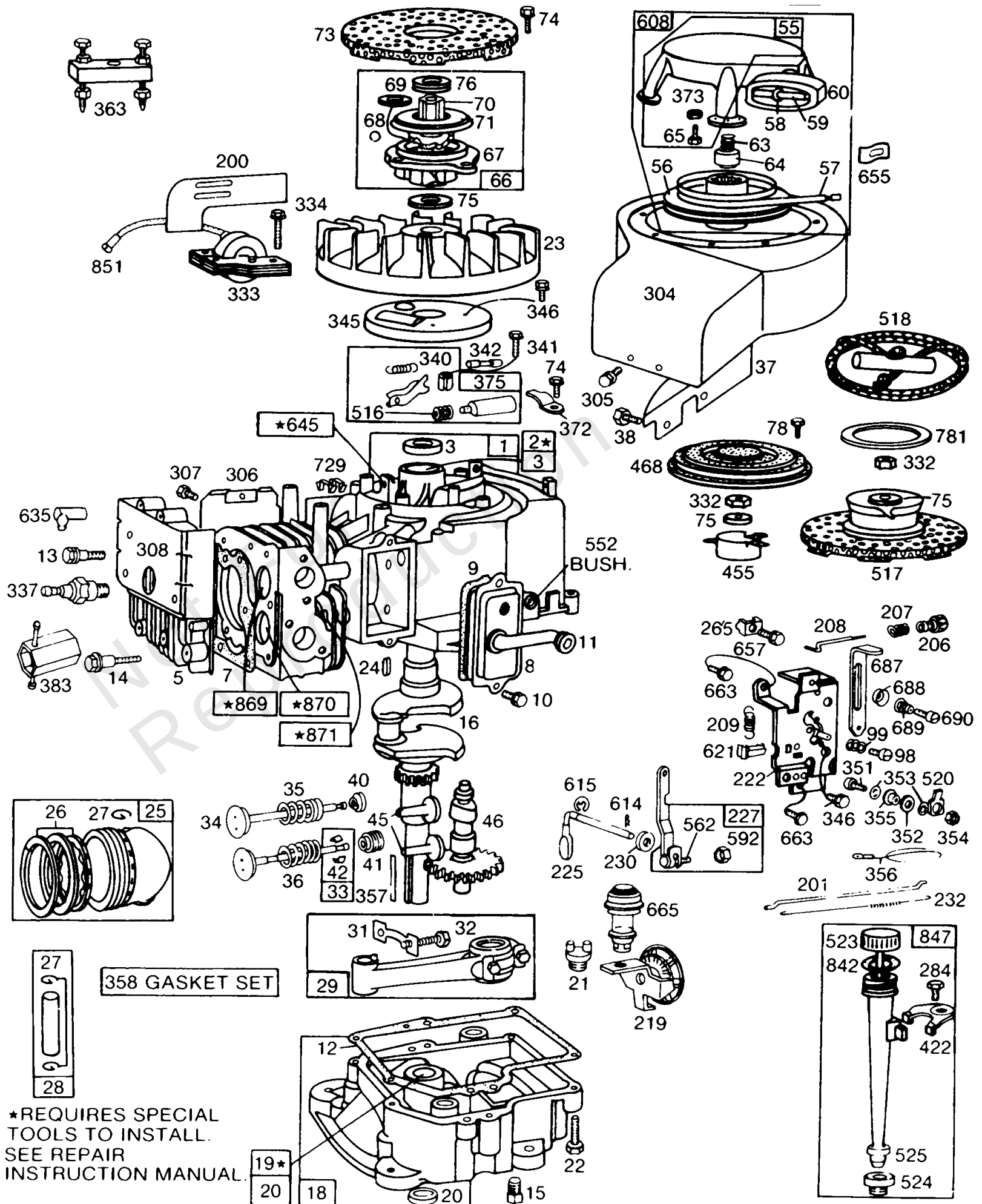


## Cyl, Sump, Piston, Oil Fill

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                  |
|--------|---------|-----|------------------------------------------------------------------------------------------------------------------------------|
| 26     | 391672  |     | SET, Ring<br>-(.030 Oversize)                                                                                                |
| 27     | 68546   |     | LOCK, Piston Pin                                                                                                             |
| 28     | 295840  |     | PIN, Piston<br>-(Standard)                                                                                                   |
| 28     | 295841  |     | PIN, Piston<br>-(.005 Oversize)                                                                                              |
| 29     | 390402  |     | ROD, Connecting<br>-For Connecting Rod with .020 undersize Crankpin Bearing-Order No. 390773                                 |
| 31     | 222114  |     | LOCK, Rod Screw                                                                                                              |
| 32     | 92659   |     | SCREW<br>-(Connecting Rod)                                                                                                   |
| 33     | 390419  |     | VALVE, Exhaust<br>-(Includes Retainer(s))                                                                                    |
| 34     | 261055  |     | VALVE, Intake                                                                                                                |
| 35     | 65906   |     | SPRING, Valve<br>-(Intake)                                                                                                   |
| 36     | 26828   |     | SPRING, Valve<br>-(Exhaust)                                                                                                  |
| 37     | 222475  |     | GUARD, Flywheel                                                                                                              |
| 38     | 93777   |     | SCREW                                                                                                                        |
| 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     | 260933  |     | TAPPET, Valve                                                                                                                |
| 46     | 211689  |     | CAMSHAFT                                                                                                                     |
| 55     | 393576  |     | HOUSING, Rewind Starter                                                                                                      |
| 56     | 295871  |     | PULLEY, Starter<br>-(63 Rope) Includes 63 Rope; if longer Rope is required, Order Rope No. 66894 and cut to required length. |
| 57     | 294303  |     | SPRING, Rewind Starter                                                                                                       |
| 58     | 66884   |     | ROPE, Starter<br>-(Cut To Required Length) if longer Rope is needed, Order No. 66894 and 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     | 394588  |     | SHAFT, Throttle                                                                                                              |
| 67     | 394897  |     | 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                                                                                                                        |

### Footnotes:

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

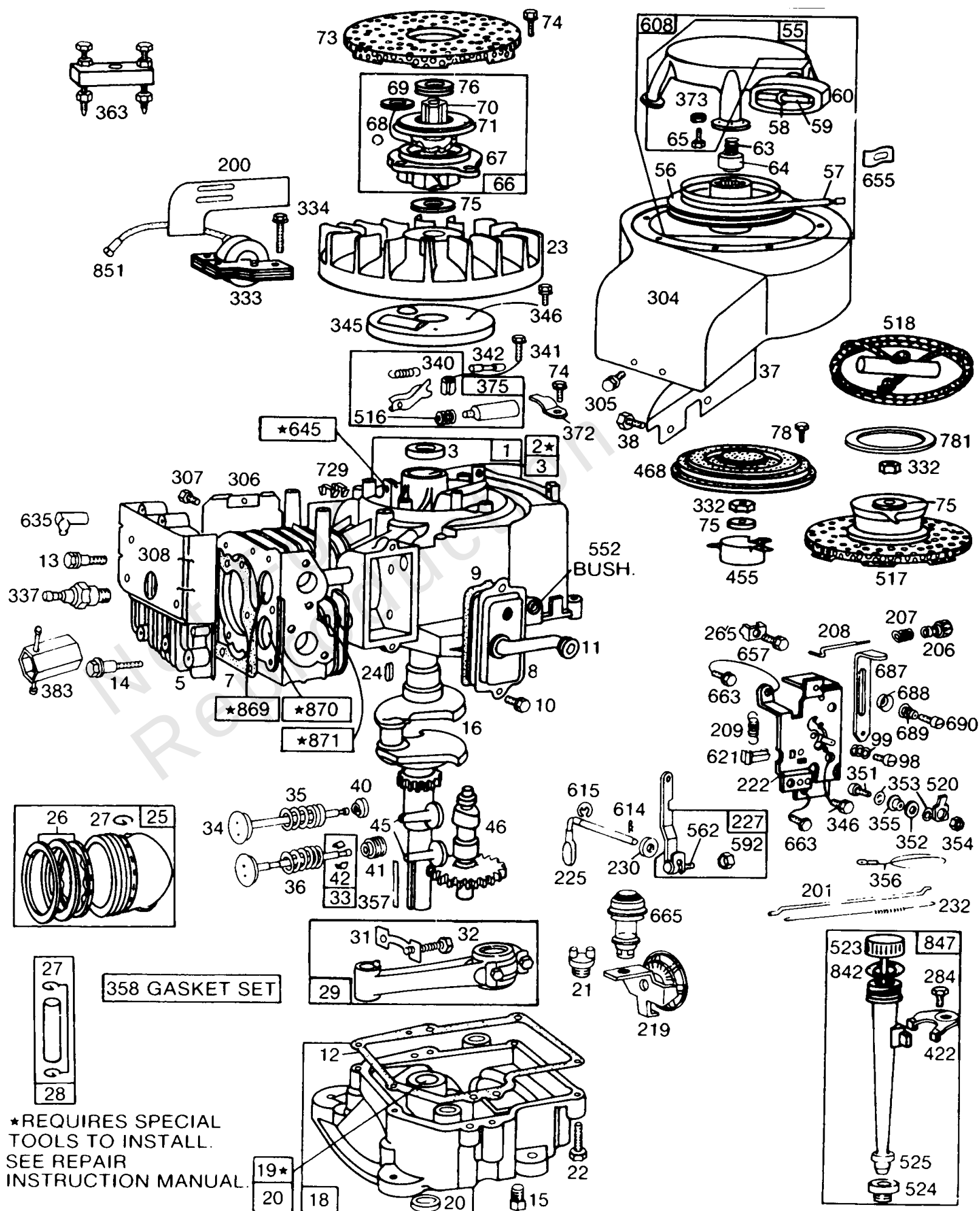


## *Cyl, Sump, Piston, Oil Fill*

| REF NO | PART NO | QTY | DESCRIPTION                                |
|--------|---------|-----|--------------------------------------------|
| 75     | 220865  |     | WASHER<br>-(Heavy Flywheel)                |
| 76     | 68238   |     | SEAL, Ratchet                              |
| 78     | 93805   |     | SCREW                                      |
| 98     | 91920   |     | SCREW<br>-(8-32 X 5/8)                     |
| 99     | 26157   |     | SPRING, Compression                        |
| 200    | 221760  |     | GUIDE, Air                                 |
| 201    | 260971  |     | LINK, Choke                                |
| 206    | 230149  |     | NUT, Governor Adjusting<br>-(5-44)         |
| 207    | 26855   |     | SPRING, Governor Link                      |
| 208    | 230841  |     | ROD, Governor Control                      |
| 209    | 261306  |     | SPRING, Governor                           |
| 219    | 392718  |     | SLINGER, Governor/Oil                      |
| 222    | 390661  |     | BRACKET, Control                           |
| 225    | 231058  |     | CRANK, Governor<br>-(1/4 Diameter)         |
| 227    | 391733  |     | LEVER, Governor Control<br>-(1/4 Diameter) |
| 230    | 222450  |     | WASHER                                     |
| 232    | 260584  |     | SPRING/LINK, Mechanical Governor           |
| 265    | 221535  |     | CLAMP, Casing<br>-(Stamped Steel)          |
| 284    | 93804   |     | SCREW<br>-(Clamp Mounting)                 |
| 304    | 299853  |     | HOUSING, Blower                            |
| 304    | 391379  |     | HOUSING, Blower                            |
| 305    | 93158   |     | SCREW<br>-(1/4-20 X 5/8)                   |
| 306    | 222830  |     | SHIELD, Cylinder                           |
| 307    | 93163   |     | SCREW                                      |
| 308    | 222636  |     | COVER, Cylinder Head                       |
| 332    | 92284   |     | NUT<br>-(Flywheel)                         |
| 333    | 298968  |     | ARMATURE, Magneto<br>-(Breaker Ignition)   |
| 334    | 93381   |     | SCREW                                      |
| 337    | 293918  |     | PLUG, Spark                                |
| 337    | 29693   |     | PLUG, Spark                                |
| 337    | 298809  |     | PLUG, Spark                                |
| 340    | 26018   |     | SPRING, Breaker Arm                        |
| 341    | 93381   |     | SCREW                                      |
| 342    | 65704   |     | PLUNGER, Breaker                           |
| 345    | 222117  |     | COVER, Breaker                             |
| 346    | 93705   |     | SCREW<br>-(8-32 X 3/8)                     |
| 351    | 93735   |     | SCREW                                      |
| 352    | 66068   |     | WASHER<br>-(Fiber)                         |
| 353    | 92791   |     | WASHER                                     |

### Footnotes:

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

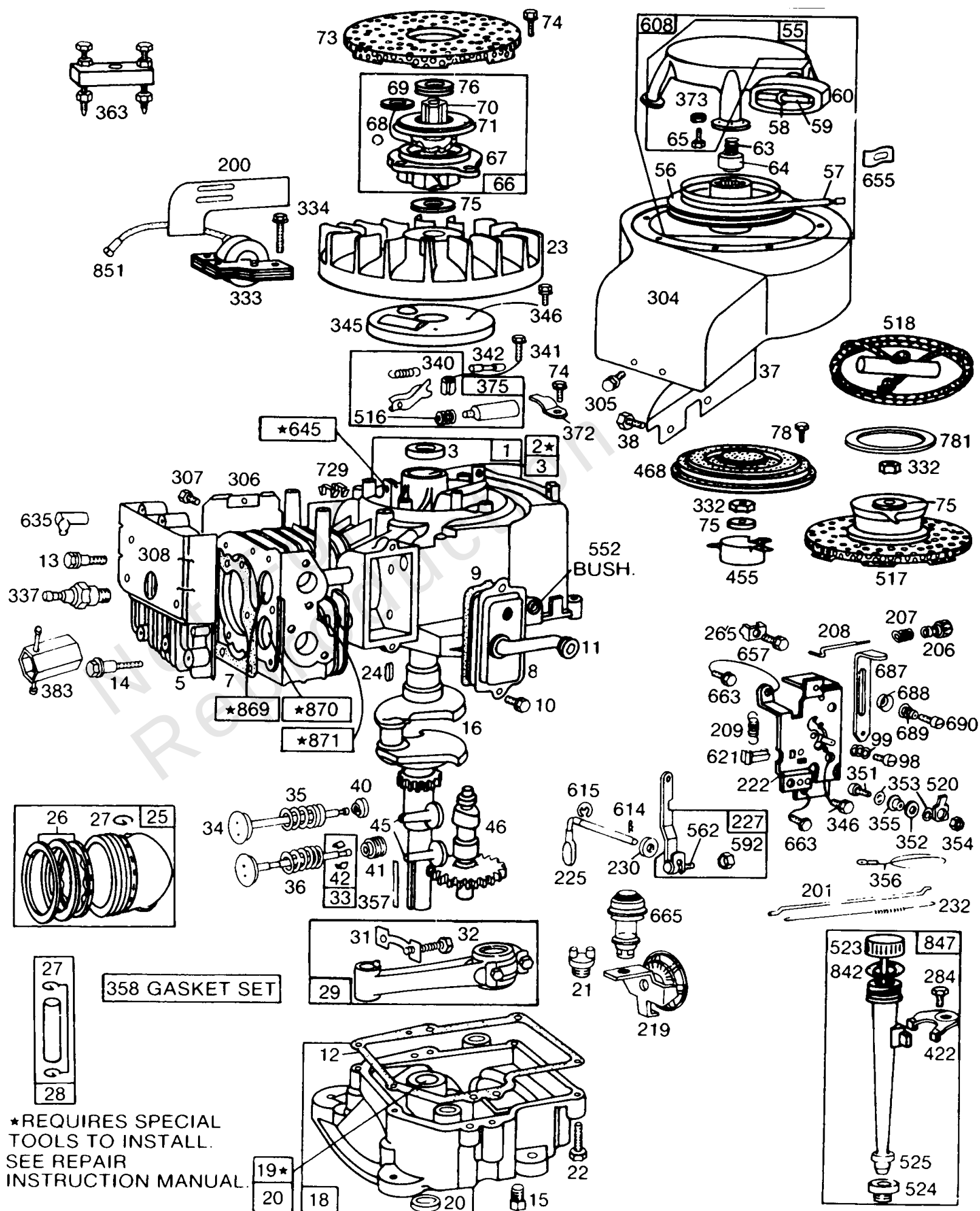


## Cyl, Sump, Piston, Oil Fill

| REF NO | PART NO | QTY | DESCRIPTION                                                  |
|--------|---------|-----|--------------------------------------------------------------|
| 354    | 90576   |     | NUT<br>-(Ground Terminal)                                    |
| 355    | 66554   |     | WASHER<br>-(Insulating)                                      |
| 356    | 299500  |     | WIRE, Stop<br>-(Used with Armature Refs. 333A and 333B)      |
| 357    | 91540   |     | KEY, Drive Pulley<br>-(1/4)                                  |
| 358    | 299577  |     | GASKET SET, Engine                                           |
| 363    | 19165   |     | PULLER, Flywheel                                             |
| 372    | 220477  |     | CLAMP                                                        |
| 373    | 92987   |     | STARTER, Rewind                                              |
| 375    | 294628  |     | BREAKER, Ignition                                            |
| 383    | 89838   |     | WRENCH, Spark Plug                                           |
| 422    | 222502  |     | CLAMP, Tube                                                  |
| 455    | 222561  |     | CUP, Flywheel                                                |
| 468    | 222562  |     | SCREEN, Rotating                                             |
| 516    | 260374  |     | SPRING, Condensor                                            |
| 517    | 295423  |     | PULLEY, Rope Starter                                         |
| 518    | 69932   |     | GRIP, Starter Rope                                           |
| 520    | 93722   |     | TERMINAL, Ground                                             |
| 523    | 391840  |     | DIPSTICK/CAP ASSEMBLY<br>-(Screw Cap)                        |
| 524    | 68838   |     | SEAL, O-Ring<br>-(Dipstick Tube)                             |
| 525    | 280133  |     | TUBE, Dipstick<br>-(Plastic Screw Cap Dipstick)              |
| 552    | 231055  |     | BUSHING, Governor Crank<br>-(1/4 I.D.)                       |
| 562    | 92613   |     | BOLT<br>-(Governor Lever)                                    |
| 592    | 231082  |     | NUT<br>-(Governor Control)                                   |
| 608    | 390391  |     | STARTER, Rewind                                              |
| 614    | 93306   |     | PIN, Cotter                                                  |
| 615    | 93307   |     | RETAINER, Governor Shaft                                     |
| 621    | 297472  |     | SWITCH, Stop                                                 |
| 635    | 66538   |     | BOOT, Spark Plug                                             |
| 645    | 23513   |     | BUSHING, Plunger<br>-(Used only with Breaker Point Ignition) |
| 655    | 222598  |     | ANCHOR, Rewind Spring<br>-(Stamped Rewind Housing)           |
| 657    | 93496   |     | SCREW<br>-(10-32 X 5/8)                                      |
| 663    | 93572   |     | SCREW<br>-(10-32 X 3/8)                                      |
| 665    | 296768  |     | MINDER, Oil                                                  |
| 687    | 390690  |     | SLIDE, Control                                               |
| 688    | 221766  |     | SPRING, Friction                                             |
| 689    | 260847  |     | SPRING, Friction                                             |
| 690    | 92484   |     | SCREW                                                        |
| 729    | 221907  |     | CLIP, Wire                                                   |

### Footnotes:

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



## *Cyl, Sump, Piston, Oil Fill*

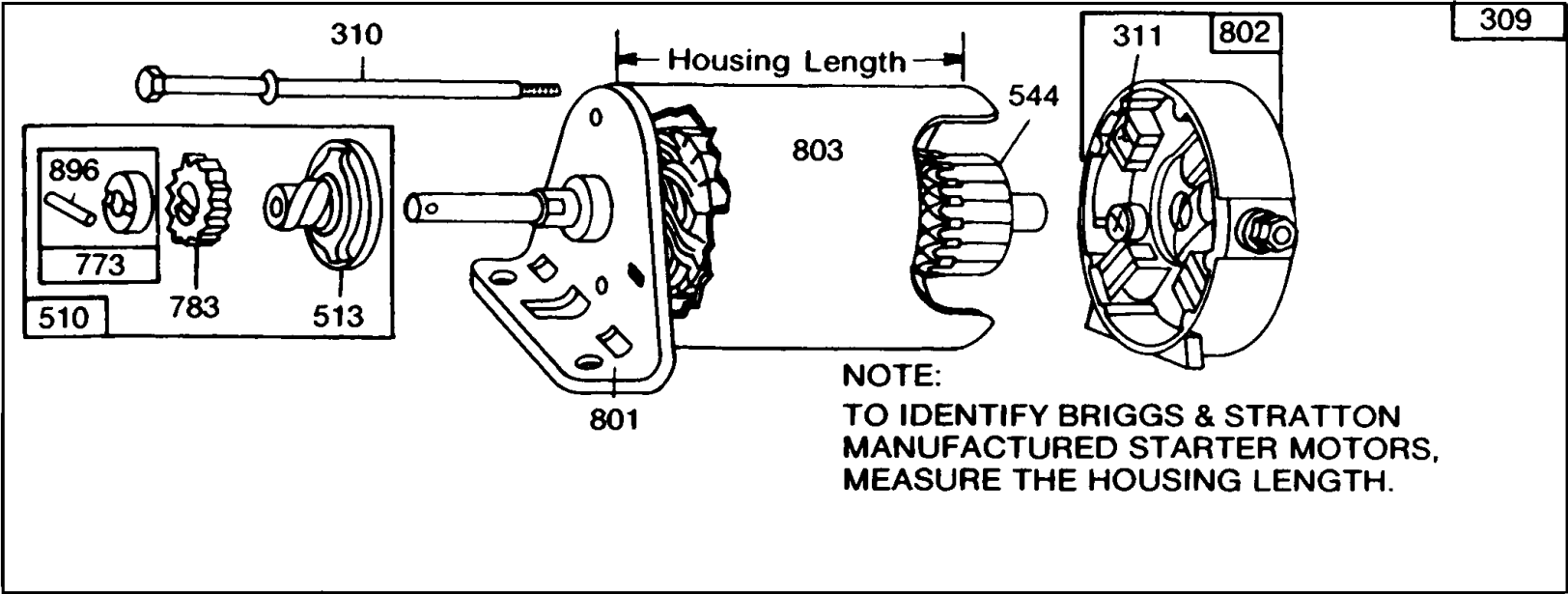
| REF NO | PART NO | QTY | DESCRIPTION                                            |
|--------|---------|-----|--------------------------------------------------------|
| 781    | 280068  |     | CAP, Starter Pulley                                    |
| 842    | 270920  |     | SEAL, O-Ring<br>-(Dipstick Tube) (Oil Fill)            |
| 847    | 392066  |     | DIPSTICK/TUBE ASSEMBLY                                 |
| 851    | 221798  |     | TERMINAL, Spark Plug                                   |
| 869    | 211661  |     | SEAT, Valve<br>-(Exhaust)                              |
| 870    | 211661  |     | SEAT, Valve<br>-(Exhaust)                              |
| 871    | -----   |     | No Nomenclature<br>-231218 or 230655 See Repair Manual |

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### Footnotes:

Use 392918 Starter Panel Kit on Engines  
Use 222751 Instrument 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)

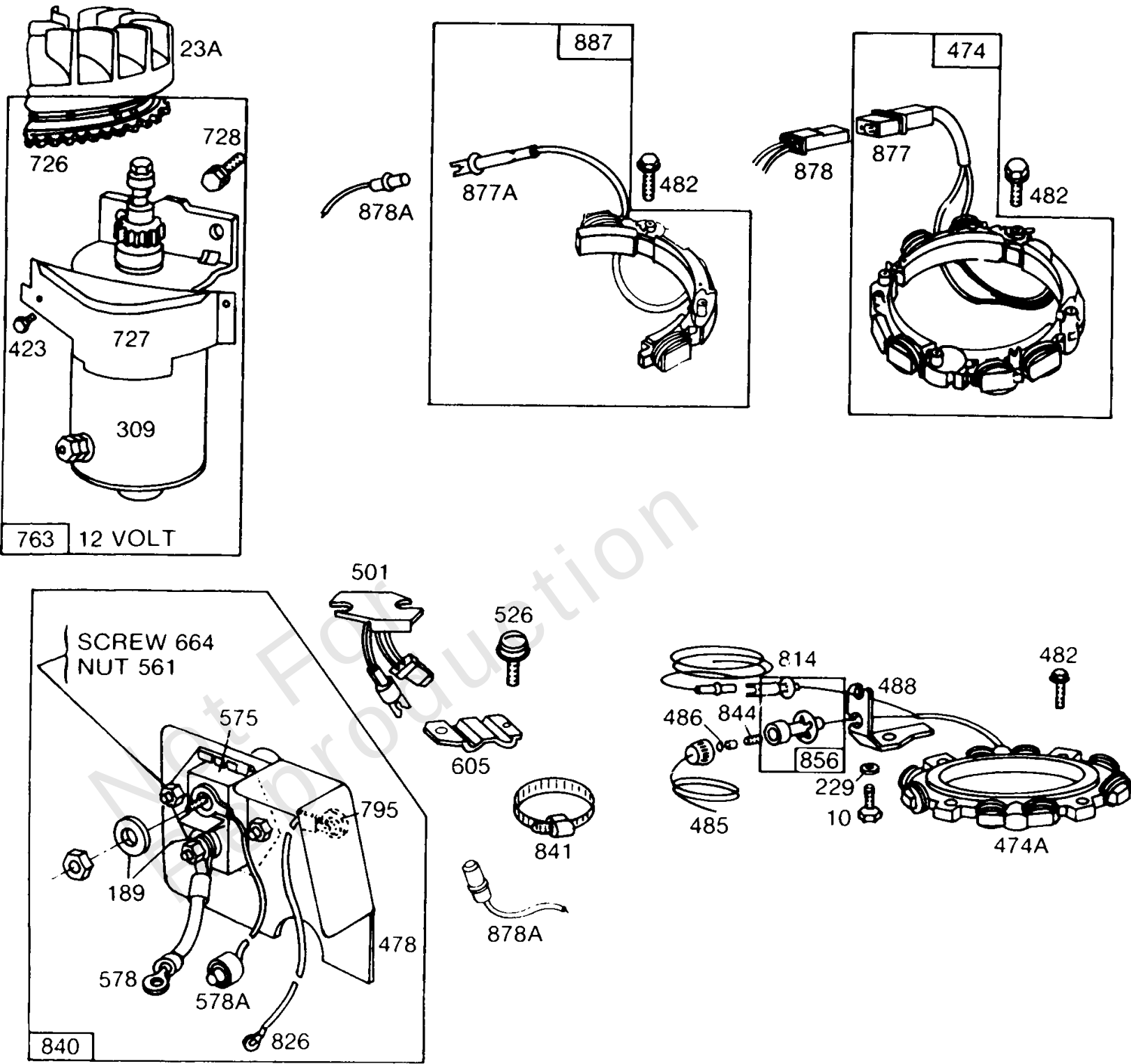
NOTE **Style Identification** of 12 Volt Motors New Style Thru Bolt Heads are Located on the Brush End Head Side  
†Old Style Brush End Head is 13 16" Wide

## 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)                                                                                                                                                                                         |
| 544    | 392747  |     | ARMATURE, Starter<br>-(3 21/32 Housing) Old Style: Brush End Head is 13/16 Wide                                                                                                                                                 |
| 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 Instrument Panel on Engines

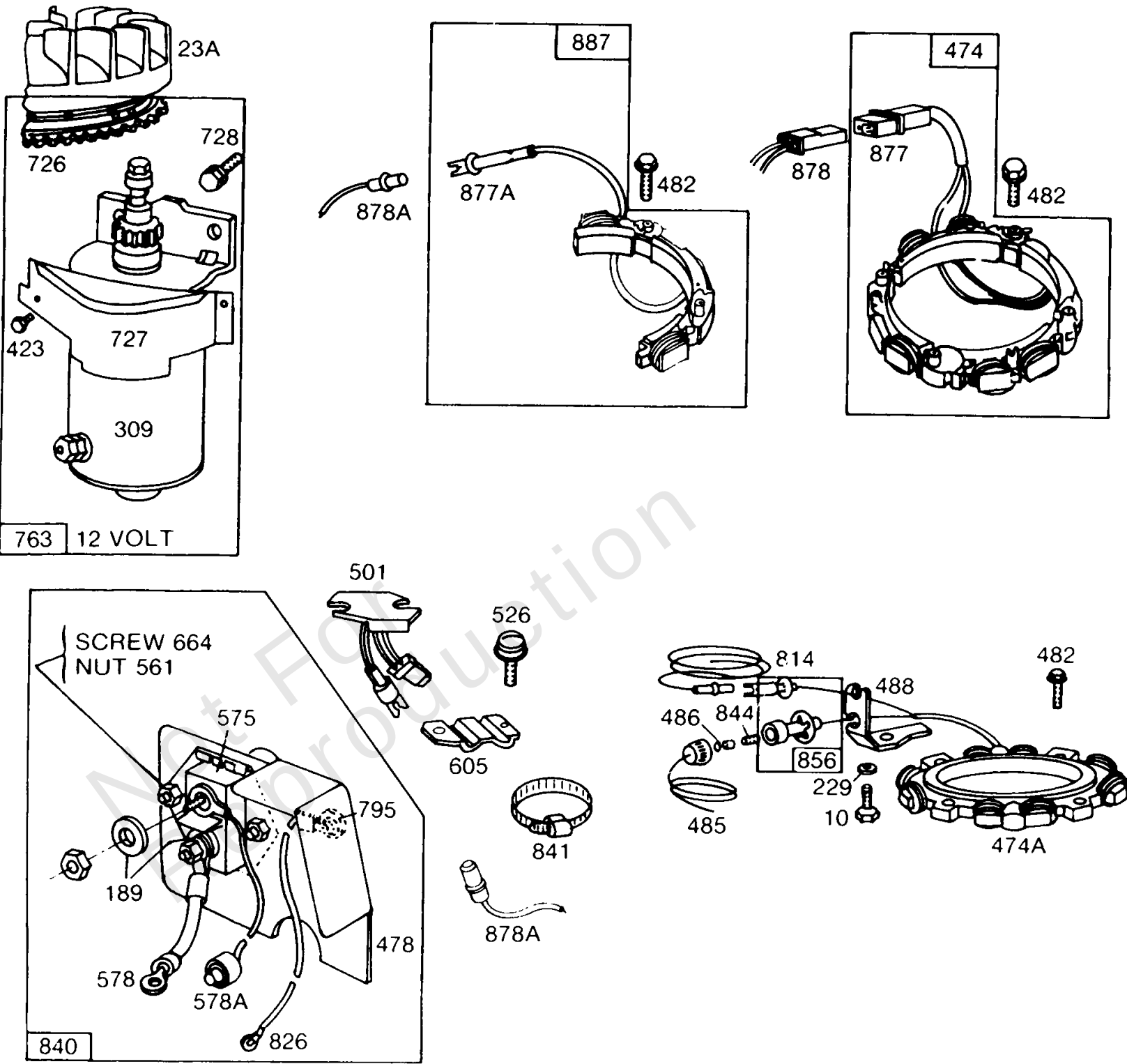


## Electric Starter, Alternators

| REF NO | PART NO | QTY | DESCRIPTION                                                                                                                                            |
|--------|---------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10     | 93394   |     | SCREW                                                                                                                                                  |
| 23A    | 392034  |     | FLYWHEEL<br>-(Aluminum Ring Gear) For use only on electric starter engines WITHOUT ALTERNATOR (Aluminum Ring Gear Inc.) For Plastic Drive Gear Starter |
| 23A    | 391983  |     | FLYWHEEL<br>-(Engines With Alternator) For use on engines WITH ALTERNATOR (Includes aluminum ring gear.) for Plastic Drive Gear Starter                |
| 189    | 90366   |     | WASHER                                                                                                                                                 |
| 229    | 220680  |     | WASHER                                                                                                                                                 |
| 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)                                                                                                                    |
| 423    | 93410   |     | SCREW<br>-Used with Metal Starter Cover                                                                                                                |
| 423    | 93984   |     | SCREW                                                                                                                                                  |
| 474A   | 393800  |     | ALTERNATOR<br>-(Dual Circuit With Fuse)                                                                                                                |
| 474    | 393295  |     | ALTERNATOR<br>-(Uses Ref. No. 878A) (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)                                                                                                                                    |
| 485    | 390888  |     | CAP, Wire/Fuse                                                                                                                                         |
| 486    | 391507  |     | RECTIFIER                                                                                                                                              |
| 488    | 222211  |     | BRACKET, Mounting                                                                                                                                      |
| 501    | 393374  |     | REGULATOR<br>-(10 Amp)                                                                                                                                 |
| 526    | 93343   |     | SCREW<br>-(Control Panel)                                                                                                                              |
| 561    | 92278   |     | NUT<br>-(Starting Switch)                                                                                                                              |
| 575    | 299139  |     | SWITCH, Starting                                                                                                                                       |
| 578A   | 393109  |     | WIRE ASSEMBLY<br>-(Starter Switch To Alternator)                                                                                                       |
| 578    | 392683  |     | CABLE, Starter                                                                                                                                         |
| 605    | 222934  |     | BRACKET, Mounting                                                                                                                                      |
| 664    | 93415   |     | SCREW<br>-(1/4-20 X 3/4)                                                                                                                               |
| 726    | 392134  |     | GEAR, Ring                                                                                                                                             |
| 727    | 391629  |     | COVER, Starter Drive<br>-(Motor 392749) (Not Used with Starter Motor 394805)                                                                           |
| 727    | 395405  |     | COVER, Starter Drive                                                                                                                                   |
| 728    | 93523   |     | SCREW<br>-(5/16-18 X 11/16)                                                                                                                            |
| 763    | 391604  |     | KIT, Electric Starter<br>-(12 Volt Gear Drive)                                                                                                         |
| 795    | 392697  |     | SWITCH, Toggle<br>-(Toggle Switch) Uses: 93888 Nut-Hex.                                                                                                |

### Footnotes:

Use 392725 Starter Panel Kit on Engines  
Use 392918 Starter Panel Kit on Engines  
Use 222751 Instrument Panel on Engines



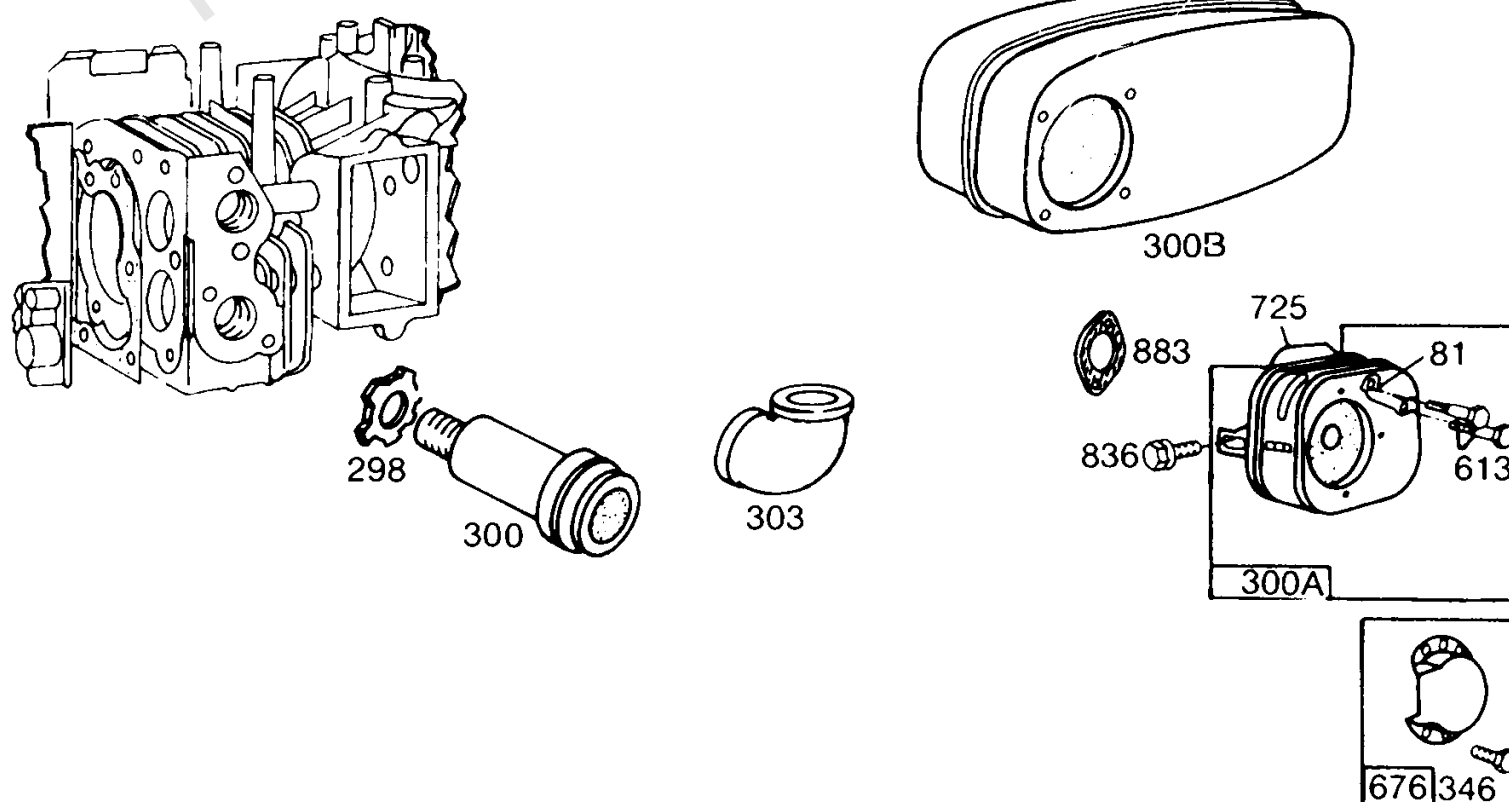
## ***Electric Starter, Alternators***

| REF NO | PART NO | QTY | DESCRIPTION                                                       |
|--------|---------|-----|-------------------------------------------------------------------|
| 795    | 392833  |     | SWITCH, Key                                                       |
| 814    | 390867  |     | HARNESS, Alternator<br>-(Ac Only)                                 |
| 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                                                             |
| 844    | 261269  |     | SPRING, Diode                                                     |
| 856    | 393304  |     | HOLDER, Fuse                                                      |
| 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)                                          |

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**Footnotes:**

Use 392725 Starter Panel Kit on Engines  
Use 392918 Starter Panel Kit on Engines  
Use 222751 Instrument Panel on Engines



## Fuel Tank, Mufflers & Parts

| REF NO | PART NO | QTY | DESCRIPTION                                       |
|--------|---------|-----|---------------------------------------------------|
| 81     | 222263  |     | LOCK, Muffler Screw<br>-(3/8 Diameter Bolt Holes) |
| 169    | 90832   |     | SCREW<br>-(Blower Housing)                        |
| 180    | 390225  |     | TANK, Fuel<br>-(3 Quart) (Plastic)                |
| 181    | 392300  |     | CAP, Fuel Tank<br>-(Metal) (1 9/16 I.D.)          |
| 182A   | 223157  |     | BRACKET, Fuel Tank                                |
| 182A   | 222112  |     | BRACKET, Fuel Tank<br>-(L.H.)                     |
| 182    | 222813  |     | BRACKET, Fuel Tank<br>-(R.H.)                     |
| 183A   | 390405  |     | STRAP, Fuel Tank<br>-(L.H.)                       |
| 183    | 390406  |     | STRAP, Fuel Tank<br>-(R.H.)                       |
| 184    | 93803   |     | SCREW                                             |
| 185    | 90970   |     | NUT<br>-(1/4-20)                                  |
| 186    | 67218   |     | CONNECTOR, Hose                                   |
| 187    | 296004  |     | LINE, Fuel<br>-(Cut To Required Length)           |
| 188    | 93535   |     | SCREW<br>-(5/16-18 X 3/4)                         |
| 198    | 293934  |     | VALVE, Fuel Shut Off                              |
| 199    | 390303  |     | OUTLET, Tank                                      |
| 298    | 261409  |     | LOCKNUT<br>-(Muffler and Elbow)                   |
| 300A   | 391313  |     | MUFFLER                                           |
| 300B   | 392101  |     | MUFFLER<br>-(Super Lo Tone)                       |
| 300    | 393010  |     | MUFFLER<br>-(Round Lo Tone)                       |
| 303    | 91219   |     | ELBOW, Exhaust<br>-(45 Degree Street)             |
| 346    | 93705   |     | SCREW<br>-(8-32 X 3/8)                            |
| 527    | 221428  |     | CLAMP, Tube                                       |
| 601    | 93053   |     | CLAMP, Hose<br>-(Green)                           |
| 613    | 93704   |     | SCREW<br>-(Muffler)                               |
| 670    | 22963   |     | WASHER                                            |
| 676    | 393757  |     | DEFLECTOR, Muffler<br>-(Side Outlet)              |
| 683    | 93804   |     | SCREW<br>-(Clamp Mounting)                        |
| 725A   | 222175  |     | SHIELD, Heat                                      |
| 725    | 221885  |     | SHIELD, Heat                                      |
| 836    | 93559   |     | SCREW<br>-(Tank) (Fuel Tank)                      |
| 883    | 270918  |     | GASKET, Exhaust                                   |
| 917    | 223271  |     | VALVE, Handle Shutoff                             |

### Footnotes:

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

*Replacement Engine - US & Canada*

| REF NO | PART NO    | QTY | DESCRIPTION                                                                                                                                                                                                                                        |
|--------|------------|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|        | 2179024020 | 1   | Replacement Engine                                                                                                                                                                                                                                 |
|        | -----      |     | Top No-Load Speed: 3400<br>-Trim: ALL                                                                                                                                                                                                              |
|        | -----      |     | Service Note: If the replacement engine supersedes to or is a Model 210000 series engine, refer to the illustrations located after the conversion data for this model series. The overall dimensions which differ, are shown in the illustrations. |
|        | -----      |     | Service Note: If after making a visual inspection and it is determined the Model 210000 series engine cannot be used because of equipment interference, the original engine should be repaired with a short block and/or individual parts.         |

