



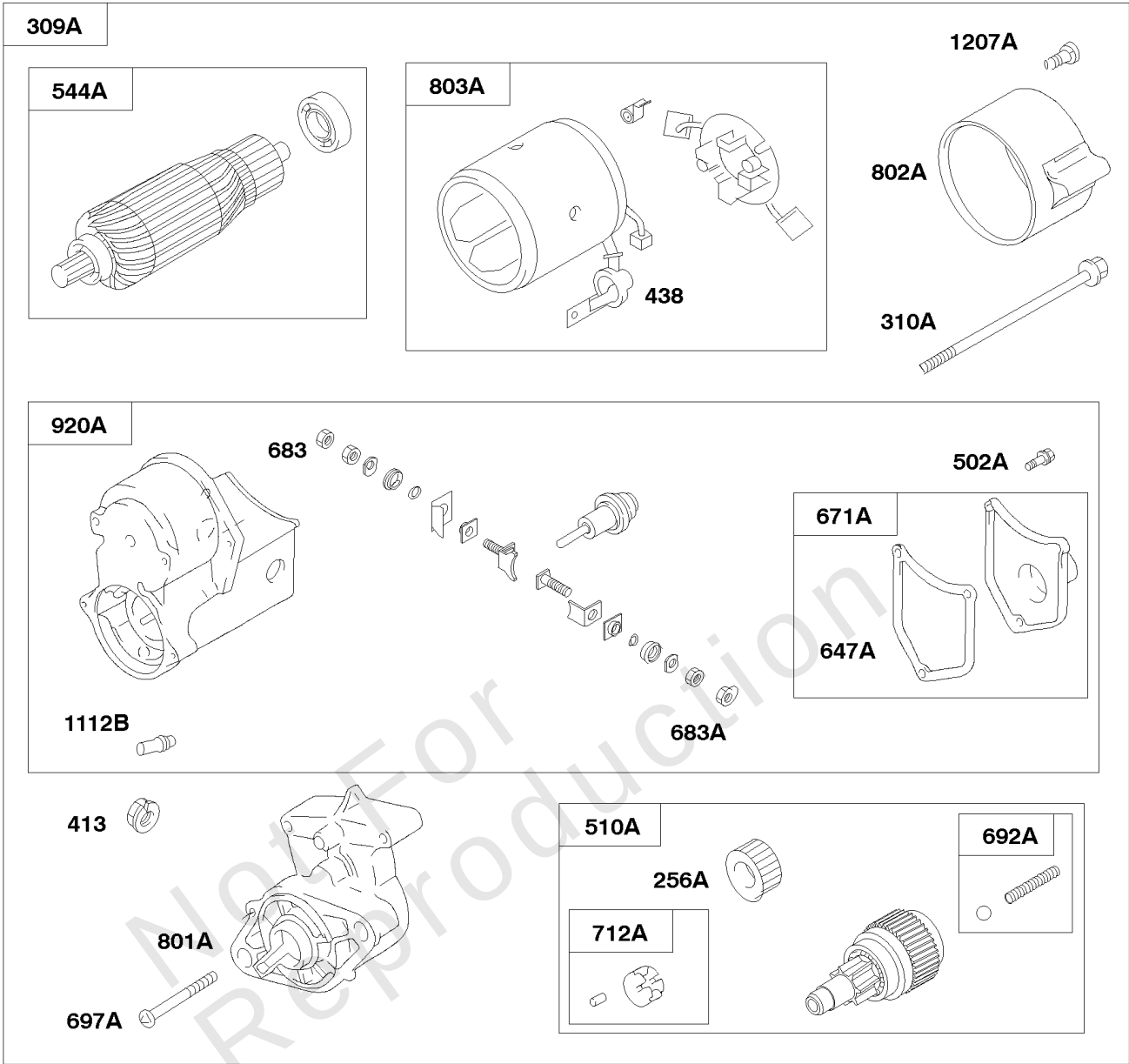
# Parts Manual

Mfg. No: 58A447-0376-E2



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1.0 KW GREEN/BLUE LABEL

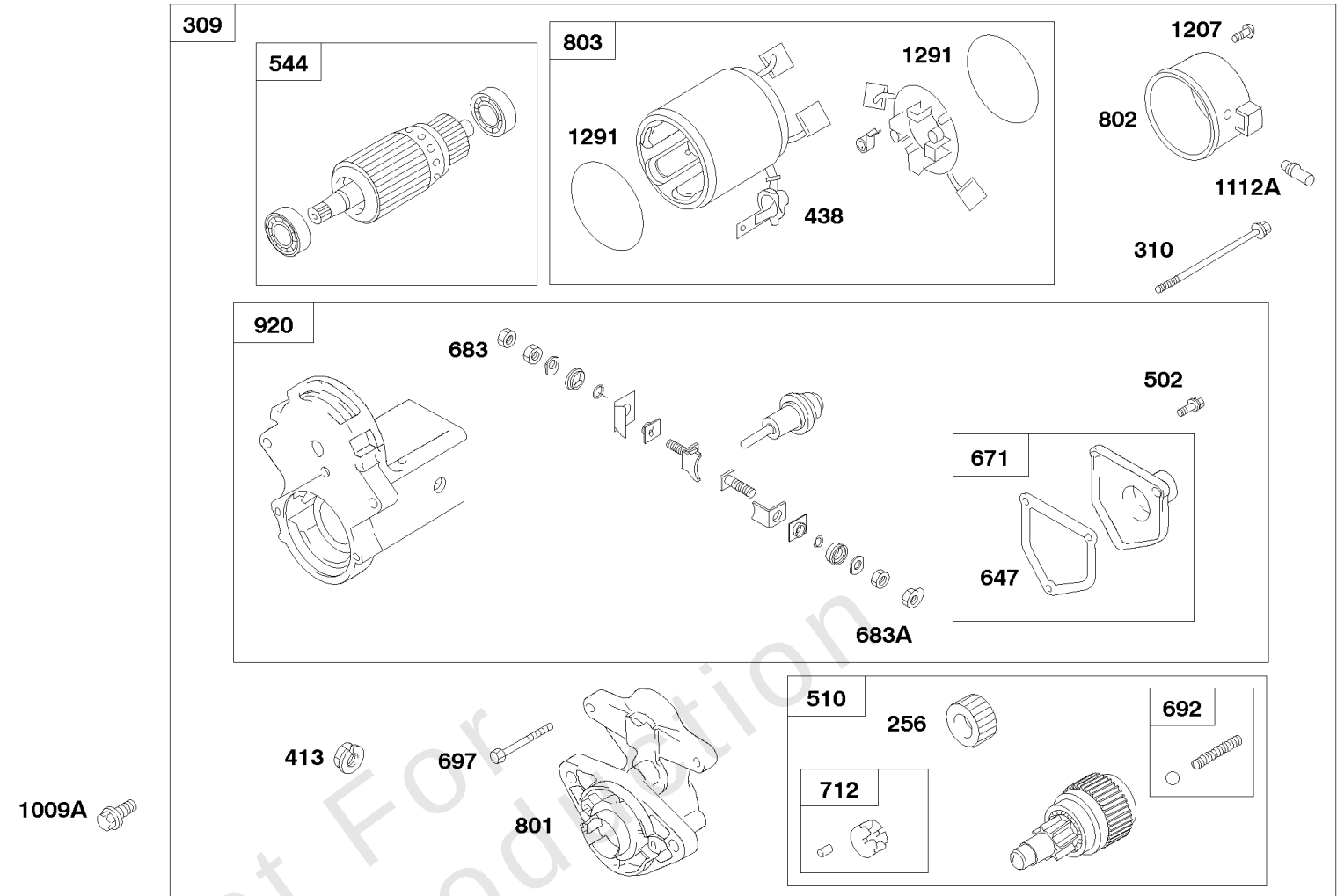


| REF. NO. | PART NO. | DESCRIPTION          | REF. NO. | PART NO. | DESCRIPTION        | REF. NO. | PART NO. | DESCRIPTION        |
|----------|----------|----------------------|----------|----------|--------------------|----------|----------|--------------------|
| 256A     | 820745   | Gear-Starter Drive   | 510A     | 825394   | Drive-Starter      | 801A     | 825396   | Cap-Drive          |
| 309A     |          | Motor-Starter        | 544A     | 825392   | Armature-Starter   | 802A     | 820743   | Cap-End            |
|          |          | (For Replacement     | 647A     | 820733   | Gasket-            | 803A     | 825399   | Housing-Starter    |
|          |          | Starter Motor, Order |          |          | Solenoid Cover     | 892      | 692318   | Switch-Key         |
|          |          | Reference 309)       | 671A     | 825400   | Cover-Solenoid     | 920A     | 825398   | Solenoid-Starter   |
| 310A     | 820755   | Bolt                 | 683      | 820723   | Nut                | 1009A    | 820019   | Screw              |
|          |          | (Starter Motor)      |          |          | (Starter Solenoid) |          |          | (Starter Motor)    |
| 413      | 820067   | Nut                  |          |          | (Terminal)         | 1082     | 820455   | Relay-Starter      |
|          |          | (Starter Motor)      | 683A     | 820721   | Nut                | 1112B    | 820737   | Plug-Vent          |
| 438      | 820725   | Boot-Terminal        |          |          | (Starter Solenoid) |          |          | (Starter Solenoid) |
| 502A     | 820739   | Screw                |          |          | (Terminal)         | 1207A    | 820754   | Screw              |
|          |          | (Solenoid Cover)     | 692A     | 825425   | Spring-Detent      |          |          | (End Cap)          |
|          |          |                      | 697A     | 820751   | Screw              |          |          |                    |
|          |          |                      |          |          | (Drive Cap)        |          |          |                    |

### 1.0 Kw Starter Motor Green/Blue Label

| REF NO | PART NO | QTY | DESCRIPTION                                                            |
|--------|---------|-----|------------------------------------------------------------------------|
| 256A   | 820745  |     | GEAR, Starter Drive                                                    |
| 309A   | -----   |     | Motor-Starter<br>-(For Replacement Starter Motor, Order Reference 309) |
| 310A   | 820755  |     | SCREW<br>-(Starter Motor)                                              |
| 413    | 820067  |     | NUT<br>-(Starter Motor)                                                |
| 438    | 820725  |     | BOOT, Terminal                                                         |
| 502A   | 820739  |     | SCREW<br>-(Solenoid Cover)                                             |
| 510A   | 825394  |     | DRIVE, Starter                                                         |
| 544A   | 825392  |     | ARMATURE, Starter                                                      |
| 647A   | 820733  |     | GASKET, Solenoid Cover                                                 |
| 671A   | 825400  |     | COVER, Solenoid                                                        |
| 683    | 820723  |     | NUT<br>-(Starter Solenoid) (Terminal)                                  |
| 683A   | 820721  |     | NUT<br>-(Starter Solenoid) (Terminal)                                  |
| 692A   | 825425  |     | SPRING, Detent                                                         |
| 697A   | 820751  |     | SCREW<br>-(Drive Cap)                                                  |
| 712A   | 825424  |     | ROLLER, Clutch                                                         |
| 801A   | 825396  |     | CAP, Drive                                                             |
| 802A   | 820743  |     | CAP, End                                                               |
| 803A   | 825399  |     | HOUSING, Starter                                                       |
| 892    | 692318  |     | SWITCH, Key                                                            |
| 920A   | 825398  |     | SOLENOID, Starter                                                      |
| 1009A  | 820019  |     | SCREW<br>-(Starter Motor)                                              |
| 1082   | 820455  |     | RELAY, Starter                                                         |
| 1112B  | 820737  |     | PLUG, Vent<br>-(Starter Solenoid)                                      |
| 1207A  | 820754  |     | SCREW<br>-(End Cap)                                                    |

1.2 KW PURPLE/BROWN LABEL

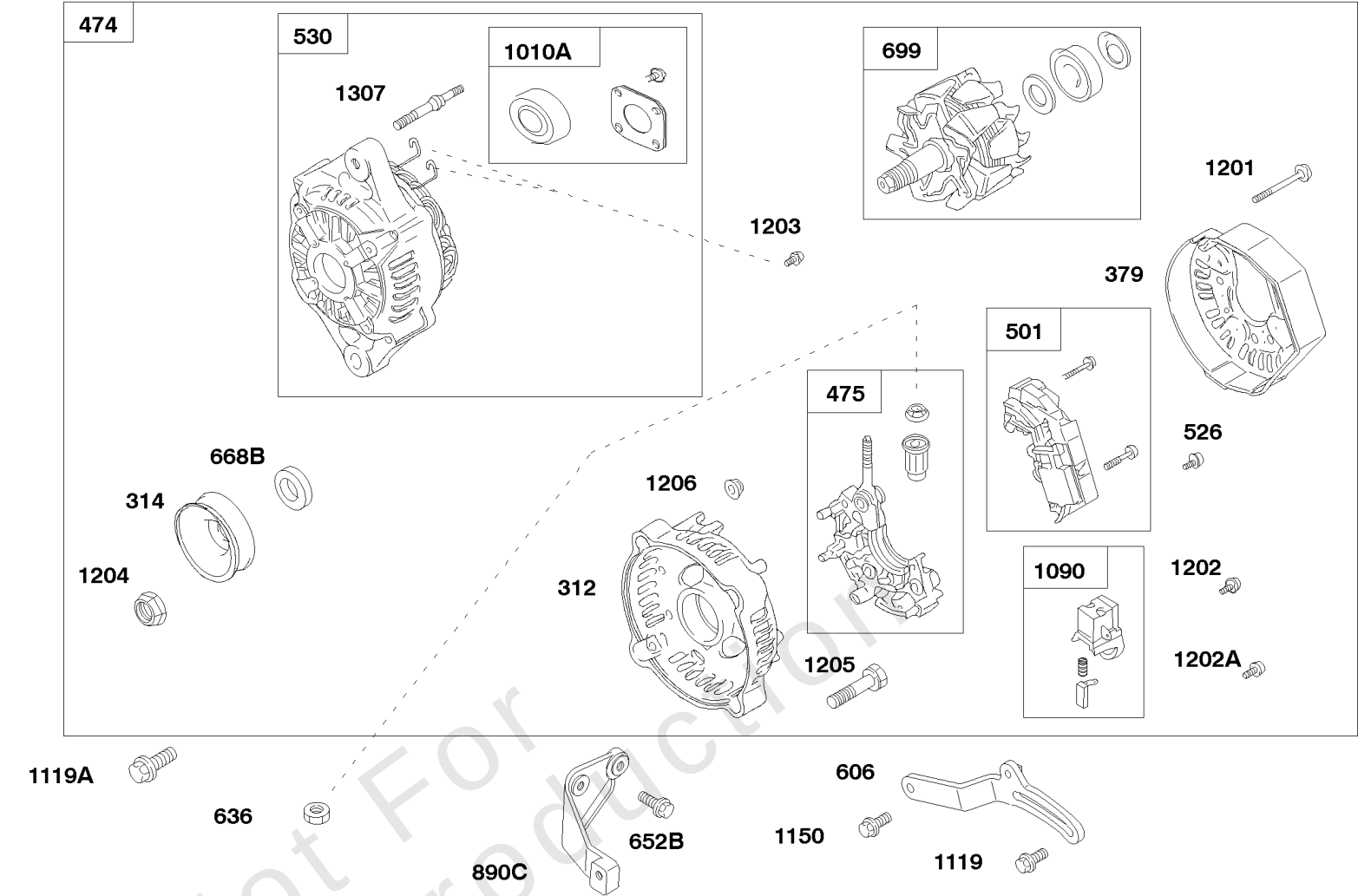


| REF. NO.                                                      | PART NO. | DESCRIPTION                                           | REF. NO.         | PART NO. | DESCRIPTION                                      | REF. NO.         | PART NO. | DESCRIPTION                                                     |
|---------------------------------------------------------------|----------|-------------------------------------------------------|------------------|----------|--------------------------------------------------|------------------|----------|-----------------------------------------------------------------|
| 256                                                           | 820767   | Gear-Starter Drive                                    | 683              | 820723   | Nut<br>(Starter Solenoid)<br>(Terminal)          | 802              | 821231   | Cap-End<br>(Used After Code Date<br>05022800).                  |
| 309                                                           | 825700   | Motor-Starter                                         | 683A             | 820721   | Nut<br>(Starter Solenoid)<br>(Terminal)          | ----- Note ----- |          |                                                                 |
| 310                                                           | 820773   | Bolt<br>(Starter Motor)                               |                  | 820771   | Cap-End<br>(Used Before Code<br>Date 05030100).  |                  |          |                                                                 |
| 413                                                           | 820067   | Nut<br>(Starter Motor)                                |                  |          |                                                  |                  |          |                                                                 |
| 438                                                           | 820725   | Boot-Terminal                                         | 692              | 825402   | Spring-Detent                                    |                  |          |                                                                 |
| 502                                                           | 820763   | Screw<br>(Solenoid Cover)                             | 697              | 820777   | Screw<br>(Drive Cap)                             | 803              | 825423   | Housing-Starter                                                 |
| 510                                                           | 825406   | Drive-Starter                                         | 712              | 825401   | Roller-Clutch                                    | 920              | 825702   | Solenoid-Starter<br>(Used After Code Date<br>05022800).         |
| 544                                                           | 825404   | Armature-Starter                                      | 801              | 821228   | Cap-Drive<br>(Used After Code Date<br>05022800). | ----- Note ----- |          |                                                                 |
| 647                                                           | 820719   | Gasket-Solenoid Cover                                 | ----- Note ----- |          |                                                  |                  |          | 825410 Solenoid-Starter<br>(Used Before Code<br>Date 05030100). |
| 671                                                           | 825703   | Cover-Solenoid<br>(Used After Code Date<br>05022800). |                  |          |                                                  |                  |          |                                                                 |
| ----- Note -----                                              |          |                                                       |                  |          |                                                  | 1009A            | 820019   | Screw<br>(Starter Motor)                                        |
| 825422 Cover-Solenoid<br>(Used Before Code<br>Date 05030100). |          |                                                       |                  |          |                                                  | 1112A            | 820779   | Plug-Vent<br>(End Cap)                                          |
|                                                               |          |                                                       |                  |          |                                                  | 1207             | 820775   | Screw<br>(End Cap)                                              |

## 1.2 Kw Starter Motor Purple/Brown Label

| REF NO | PART NO | QTY | DESCRIPTION                                          |
|--------|---------|-----|------------------------------------------------------|
| 256    | 820767  |     | GEAR, Starter Drive                                  |
| 309    | 825700  |     | MOTOR, Starter<br>-(1.2 KW)(Purple/Brown Label)      |
| 310    | 820773  |     | SCREW<br>-(Starter Motor)                            |
| 413    | 820067  |     | NUT<br>-(Starter Motor)                              |
| 438    | 820725  |     | BOOT, Terminal                                       |
| 502    | 820763  |     | SCREW<br>-(Solenoid Cover)                           |
| 510    | 825406  |     | DRIVE, Starter                                       |
| 544    | 825404  |     | ARMATURE, Starter                                    |
| 647    | 820719  |     | GASKET, Solenoid Cover                               |
| 671    | 825422  |     | COVER, Solenoid<br>-Used Before Code Date 05030100   |
| 671    | 825703  |     | COVER, Solenoid<br>-Used After Code Date 05022800    |
| 683    | 820723  |     | NUT<br>-(Starter Solenoid) (Terminal)                |
| 683A   | 820721  |     | NUT<br>-(Starter Solenoid) (Terminal)                |
| 692    | 825402  |     | SPRING, Detent                                       |
| 697    | 820777  |     | SCREW<br>-(Drive Cap)                                |
| 712    | 825401  |     | ROLLER, Clutch                                       |
| 801    | 821228  |     | CAP, Drive<br>-Used After Code Date 05022800         |
| 801    | 825408  |     | CAP, Drive<br>-Used Before Code Date 05030100        |
| 802    | 820771  |     | CAP, End<br>-Used Before Code Date 05030100          |
| 802    | 821231  |     | CAP, End<br>-Used After Code Date 05022800           |
| 803    | 825423  |     | HOUSING, Starter                                     |
| 920    | 825410  |     | SOLENOID, Starter<br>-Used Before Code Date 05030100 |
| 920    | 825702  |     | SOLENOID, Starter<br>-Used After Code Date 05022800  |
| 1009A  | 820019  |     | SCREW<br>-(Starter Motor)                            |
| 1112A  | 820779  |     | PLUG, Vent<br>-(End Cap)                             |
| 1207   | 820775  |     | SCREW<br>-(End Cap)                                  |
| 1291   | 820769  |     | SEAL, O-Ring<br>-(Starter Housing) (Starter Housing) |

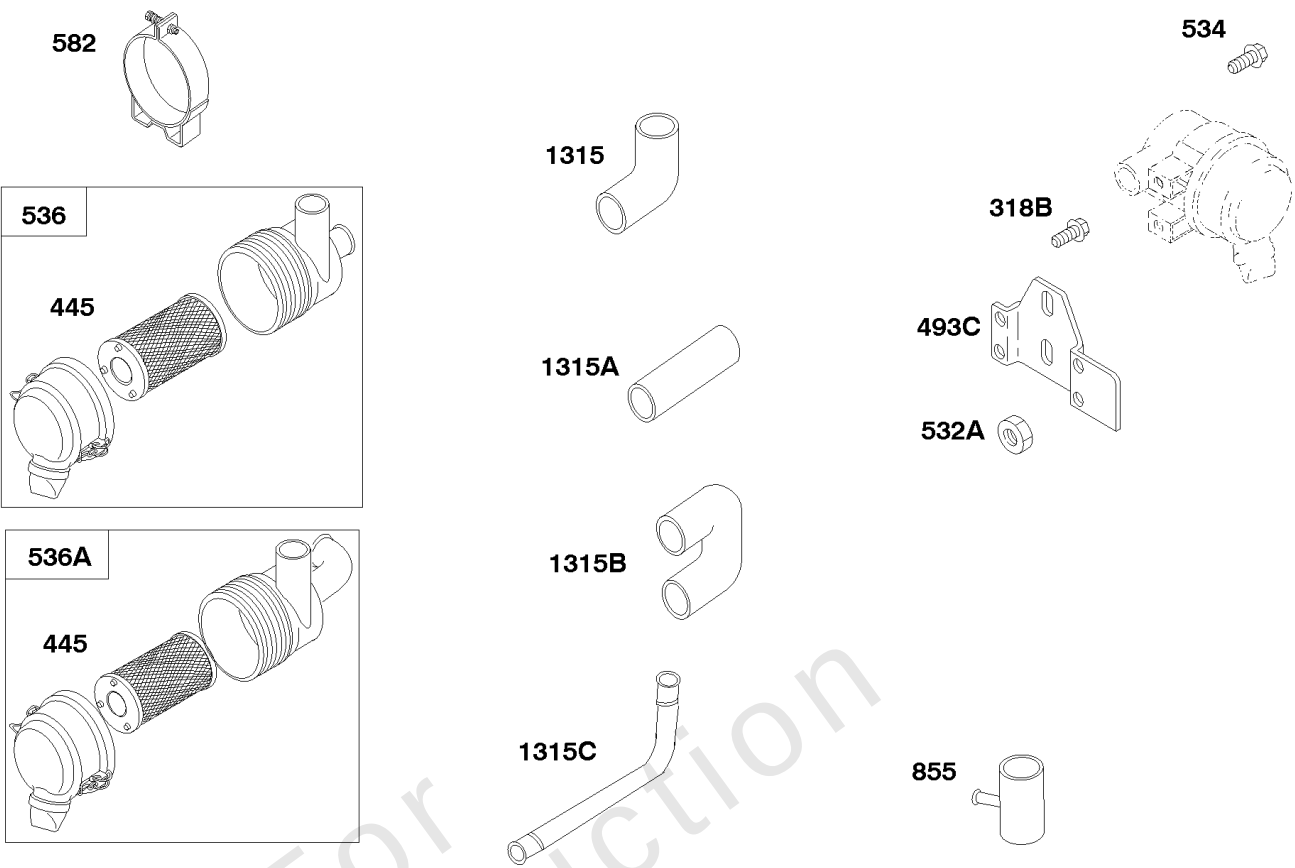
40 AMP



| REF. NO. | PART NO. | DESCRIPTION             | REF. NO. | PART NO. | DESCRIPTION             | REF. NO. | PART NO. | DESCRIPTION               |
|----------|----------|-------------------------|----------|----------|-------------------------|----------|----------|---------------------------|
| 312      | 820938   | Housing-Brush End       | 668B     | 820713   | Spacer (Alternator)     | 1201     | 820715   | Screw (Brush Cover)       |
| 314      | 820711   | Pulley-Alternator       | 699      | 825390   | Rotor Assembly          | 1202     | 820701   | Screw (Brush Retainer)    |
| 379      | 820703   | Cover-Brush             | 890C     | 820213   | Bracket-Support         | 1202A    | 820702   | Screw (Brush Retainer)    |
| 474      | 825524   | Alternator              | 1010A    | 825384   | Retainer-Bearing        | 1203     | 820702   | Screw (Stator Wire)       |
| 475      | 825385   | Rectifier               | 1090     | 825387   | Retainer-Brush          | 1204     | 820705   | Nut (Alternator Pulley)   |
| 501      | 825388   | Regulator               | 1119     | 820483   | Screw (Alternator)      | 1205     | 820707   | Screw (Brush End Housing) |
| 526      | 820702   | Screw (Regulator)       | 1119A    | 820270   | Screw (Alternator)      | 1206     | 820709   | Nut (Brush End Housing)   |
| 530      | 825526   | Housing-Drive End       | 1150     | 820023   | Screw (Adjusting Strap) | 1307     | 820690   | Stud (Drive End Housing)  |
| 606      | 820819   | Strap-Adjusting         |          |          |                         |          |          |                           |
| 636      | 820069   | Nut (Starting Switch)   |          |          |                         |          |          |                           |
| 652B     | 820275   | Screw (Support Bracket) |          |          |                         |          |          |                           |

## 40 AMP Alternator

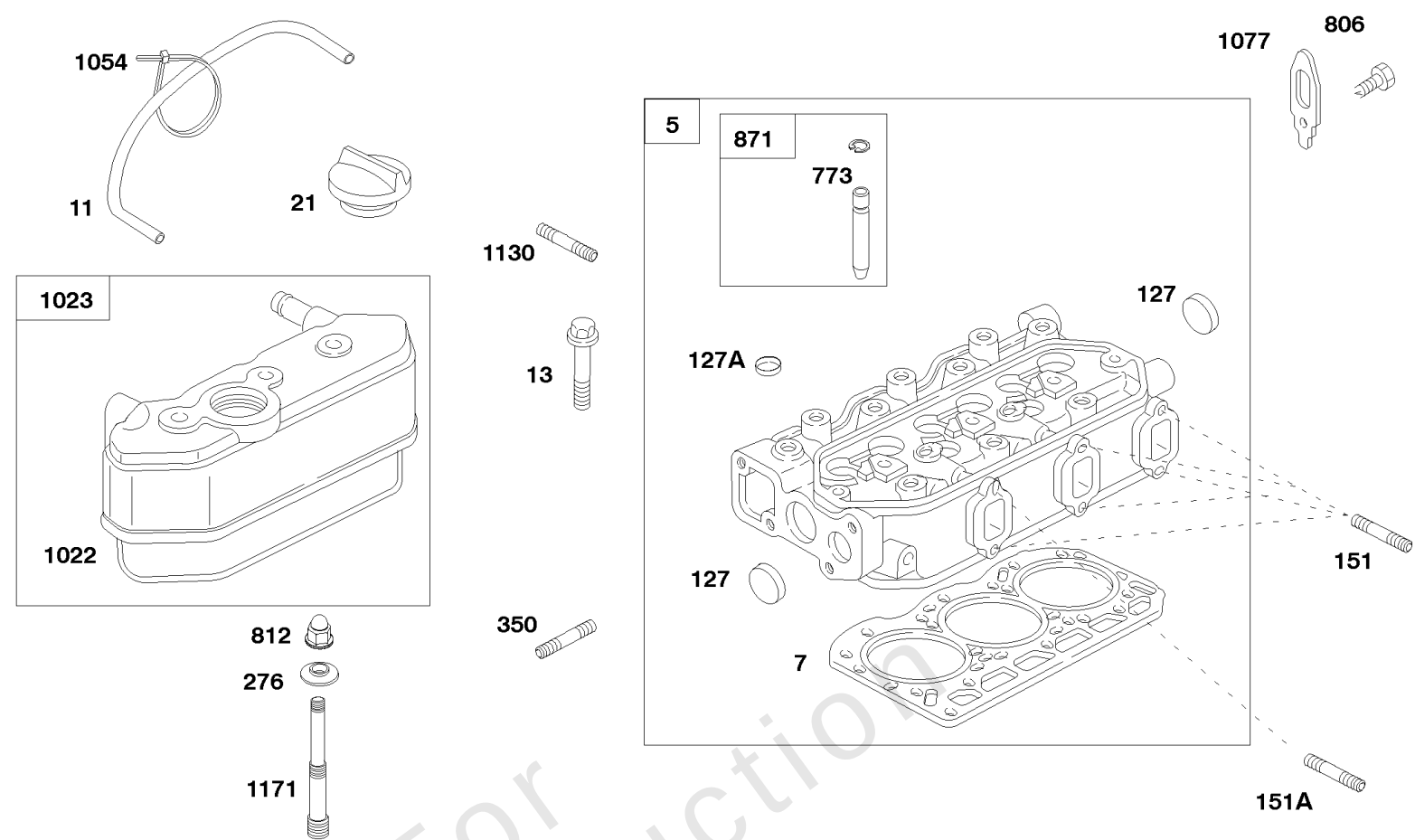
| REF NO | PART NO | QTY | DESCRIPTION                   |
|--------|---------|-----|-------------------------------|
| 312    | 820938  |     | HOUSING, Brush End            |
| 314    | 820711  |     | PULLEY, Alternator            |
| 379    | 820703  |     | COVER, Brush                  |
| 474    | 825524  |     | ALTERNATOR<br>-(40 Amp)       |
| 475    | 825385  |     | RECTIFIER                     |
| 501    | 825388  |     | REGULATOR                     |
| 526    | 820702  |     | SCREW<br>-(Regulator)         |
| 530    | 825526  |     | HOUSING, Drive End            |
| 606    | 820819  |     | STRAP, Adjusting              |
| 636    | 820069  |     | NUT<br>-(Starting Switch)     |
| 668B   | 820713  |     | SPACER<br>-(Alternator)       |
| 699    | 825390  |     | ROTOR ASSEMBLY                |
| 1010A  | 825384  |     | RETAINER, Bearing             |
| 1090   | 825387  |     | RETAINER, Brush               |
| 1119   | 820483  |     | SCREW<br>-(Alternator)        |
| 1119A  | 820270  |     | SCREW<br>-(Alternator)        |
| 1150   | 820023  |     | SCREW<br>-(Adjusting Strap)   |
| 1201   | 820715  |     | SCREW<br>-(Brush Cover)       |
| 1202   | 820701  |     | SCREW<br>-(Brush Retainer)    |
| 1202A  | 820702  |     | SCREW<br>-(Brush Retainer)    |
| 1203   | 820702  |     | SCREW<br>-(Stator Wire)       |
| 1204   | 820705  |     | NUT<br>-(Alternator Pulley)   |
| 1205   | 820707  |     | SCREW<br>-(Brush End Housing) |
| 1206   | 820709  |     | NUT<br>-(Brush End Housing)   |
| 1307   | 820690  |     | STUD<br>-(Drive End Housing)  |



| REF. NO. | PART NO. | DESCRIPTION                       | REF. NO. | PART NO. | DESCRIPTION                      | REF. NO. | PART NO. | DESCRIPTION      |
|----------|----------|-----------------------------------|----------|----------|----------------------------------|----------|----------|------------------|
| 318B     | 820212   | Screw<br>(Mounting Bracket)       | 534      | 820273   | Screw<br>(Air Cleaner)           | 1315     | 820554   | Hose-Air Cleaner |
| 445      | 820263   | Filter-Air<br>Cleaner Cartridge   | 536      | 825117   | Cleaner-Air<br>(Vacuum Adaptor)  | 1315A    | 820555   | Hose-Air Cleaner |
| 493C     | 820195   | Bracket-Mounting<br>(Air Cleaner) | 536A     | 825118   | Cleaner-Air<br>(90 Degree Elbow) | 1315B    | 820556   | Hose-Air Cleaner |
| 532A     | 820070   | Nut<br>(Mounting Bracket)         | 582      | 820230   | Clamp-Air Cleaner                | 1315C    | 821253   | Hose-Air Cleaner |
|          |          |                                   | 855      | 820942   | Adapter-Air Cleaner              |          |          |                  |

## ***Air Cleaner, Air Cleaner Hose***

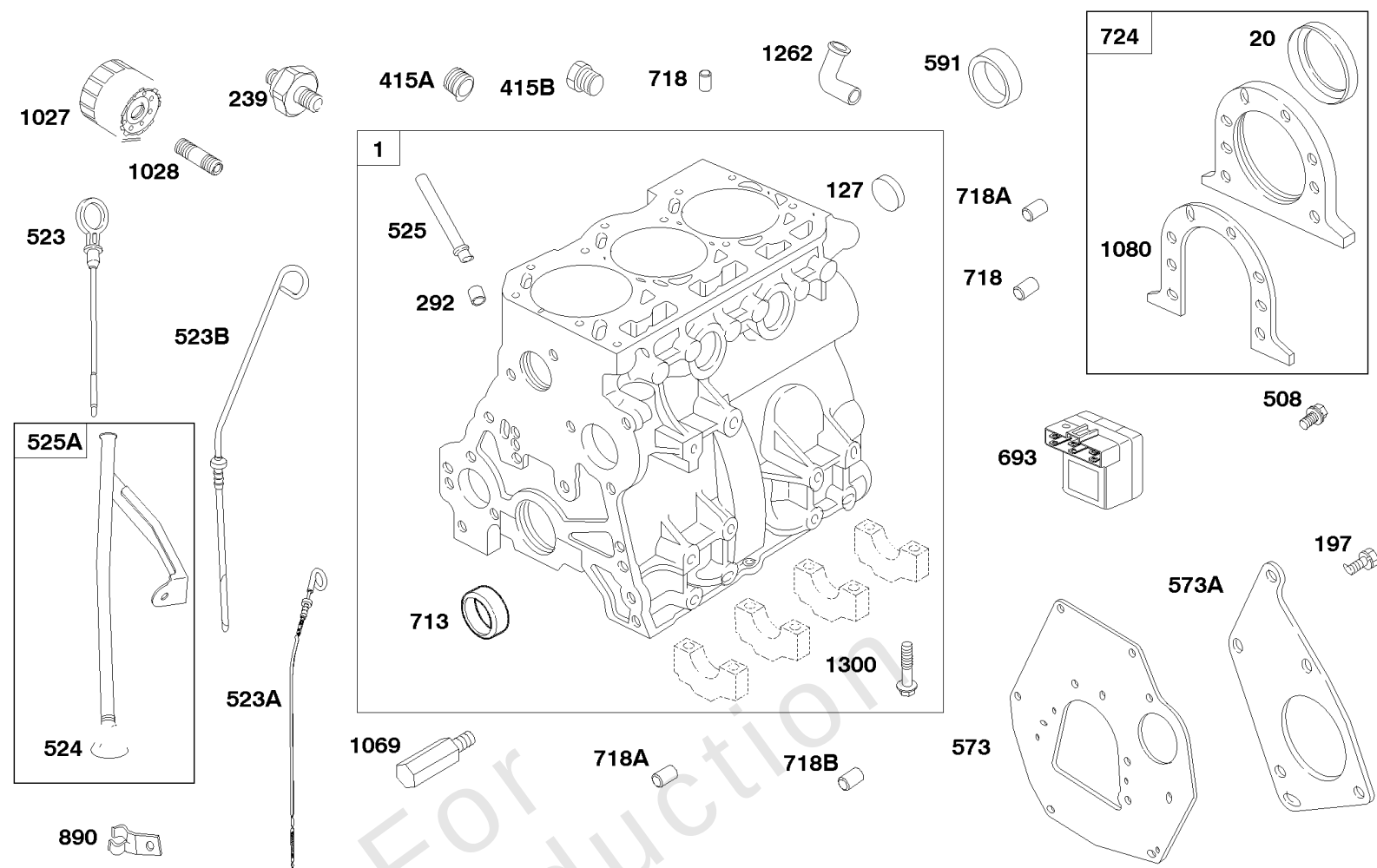
| REF NO | PART NO | QTY | DESCRIPTION                         |
|--------|---------|-----|-------------------------------------|
| 318B   | 820212  |     | SCREW<br>-(Mounting Bracket)        |
| 445    | 820263  |     | FILTER, A/C Cartridge               |
| 493C   | 820195  |     | BRACKET, Mounting<br>-(Air Cleaner) |
| 532A   | 820070  |     | NUT<br>-(Mounting Bracket)          |
| 534    | 820273  |     | SCREW<br>-(Air Cleaner)             |
| 536    | 825117  |     | CLEANER, Air<br>-(Vacuum Adaptor)   |
| 536A   | 825118  |     | CLEANER, Air<br>-(90 Degree Elbow)  |
| 582    | 820230  |     | CLAMP, Air Cleaner                  |
| 855    | 820942  |     | ADAPTER, Air Cleaner                |
| 1315   | 820554  |     | HOSE, Air Cleaner                   |
| 1315A  | 820555  |     | HOSE, Air Cleaner                   |
| 1315B  | 820556  |     | HOSE, Air Cleaner                   |
| 1315C  | 821253  |     | HOSE, Air Cleaner                   |



| REF. NO. | PART NO. | DESCRIPTION                  | REF. NO. | PART NO. | DESCRIPTION                    | REF. NO. | PART NO. | DESCRIPTION            |
|----------|----------|------------------------------|----------|----------|--------------------------------|----------|----------|------------------------|
| 5        | 825685   | Head-Cylinder                | 276      | 820064   | Washer-Sealing (Rocker Cover)  | 1022     | 820150   | Gasket-Rocker Cover    |
| 7        | 821270   | Gasket-Cylinder Head         | 350      | 820078   | Stud (Water Pump)              | 1023     | 825672   | Cover-Rocker           |
| 11       | 820932   | Tube-Breather (540mm)        | 773      | 820130   | Retainer (Valve Guide Bushing) | 1054     | 280275   | Tie-Cable              |
| 13       | 820934   | Screw (Cylinder Head) (10mm) | 806      | 820212   | Screw (Lifting Bracket)        | 1077     | 820254   | Bracket-Lifting        |
| 21       | 825024   | Cap-Oil Fill                 | 812      | 820071   | Nut (Rocker Cover)             | 1130     | 820015   | Stud (Intake Manifold) |
| 127      | 820004   | Plug-Welch                   | 871      | 825030   | Bushing-Valve Guide            | 1171     | 820076   | Stud (Rocker Cover)    |
| 127A     | 820005   | Plug-Welch                   |          |          |                                |          |          |                        |
| 151      | 820997   | Stud (Exhaust Manifold)      |          |          |                                |          |          |                        |
| 151A     | 820999   | Stud (Exhaust Manifold)      |          |          |                                |          |          |                        |

## Cylinder Head, Rocker Cover

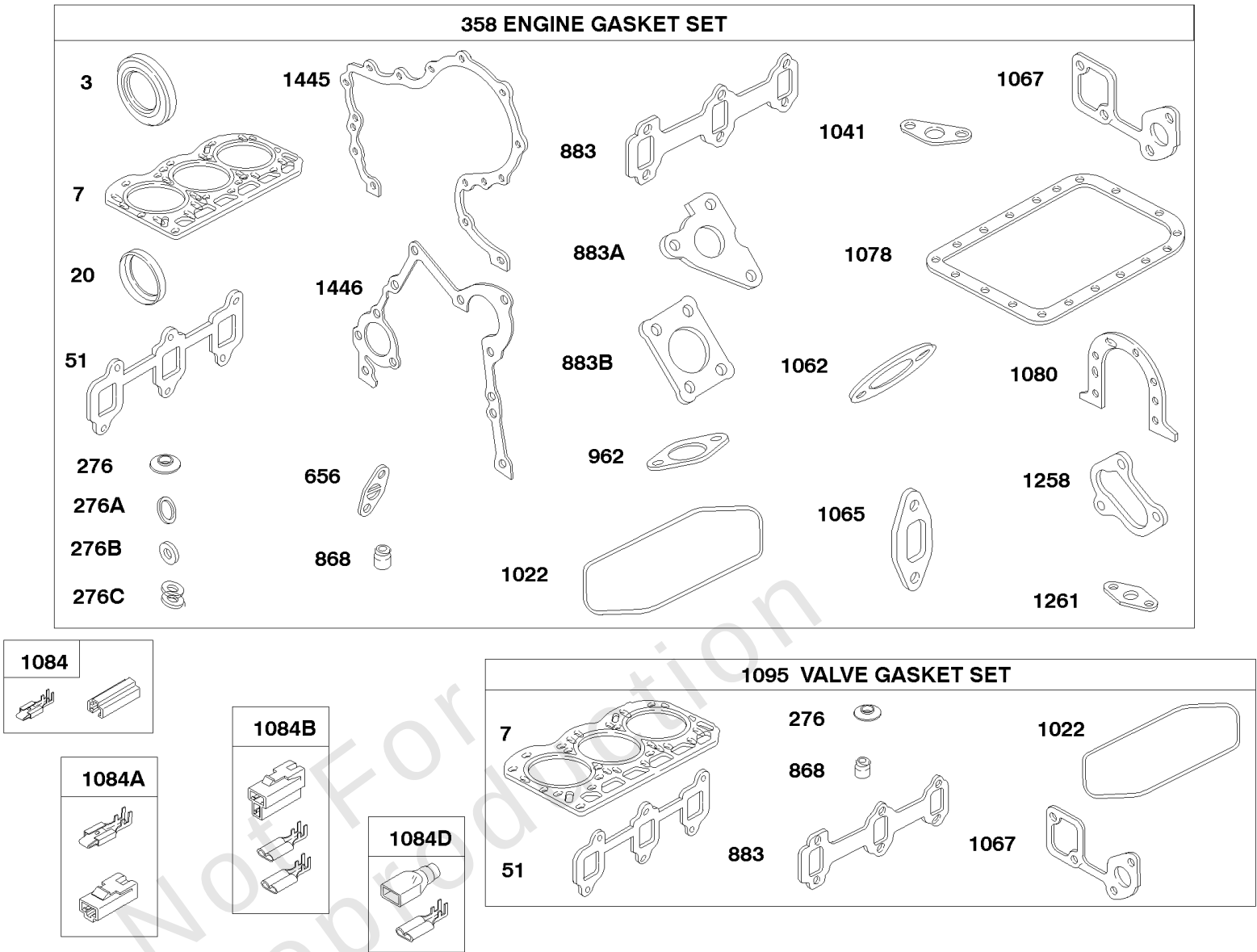
| REF NO | PART NO | QTY | DESCRIPTION                        |
|--------|---------|-----|------------------------------------|
| 5      | 825685  |     | HEAD, Cylinder                     |
| 7      | 821270  |     | GASKET, Cylinder Head              |
| 11     | 820932  |     | TUBE, Breather<br>-(540 mm)        |
| 13     | 820934  |     | SCREW<br>-(Cylinder Head) (10mm )  |
| 21     | 825024  |     | CAP, Oil Fill                      |
| 127    | 820004  |     | PLUG, Welch                        |
| 127A   | 820005  |     | PLUG, Welch                        |
| 151    | 820997  |     | STUD<br>-(Exhaust Manifold)        |
| 151A   | 820999  |     | STUD<br>-(Exhaust Manifold)        |
| 276    | 820064  |     | WASHER, Sealing<br>-(Rocker Cover) |
| 350    | 820078  |     | STUD<br>-(Water Pump)              |
| 773    | 820130  |     | RETAINER<br>-(Valve Guide Bushing) |
| 806    | 820212  |     | SCREW<br>-(Lifting Bracket)        |
| 812    | 820071  |     | NUT<br>-(Rocker Cover)             |
| 871    | 825030  |     | BUSHING, Valve Guide               |
| 1022   | 820150  |     | GASKET, Rocker Cover               |
| 1023   | 825672  |     | COVER, Rocker                      |
| 1054   | 280275  |     | TIE, Cable                         |
| 1077   | 820254  |     | BRACKET, Lifting                   |
| 1130   | 820015  |     | STUD<br>-(Intake Manifold)         |
| 1171   | 820076  |     | STUD<br>-(Rocker Cover)            |



| REF. NO. | PART NO. | DESCRIPTION                                              | REF. NO.                                                                               | PART NO. | DESCRIPTION                                            | REF. NO. | PART NO. | DESCRIPTION                          |
|----------|----------|----------------------------------------------------------|----------------------------------------------------------------------------------------|----------|--------------------------------------------------------|----------|----------|--------------------------------------|
| 1        | 825599   | Cylinder Assembly                                        | 524                                                                                    | 820654   | Seal-Dipstick Tube<br>Used on Type No(s).<br>0231.     | 724      | 825731   | Retainer-Seal                        |
| 20       | 821328   | Seal-Oil<br>(PTO Side)                                   | 525                                                                                    | 820144   | Tube-Dipstick                                          | 890      | 820238   | Bracket-Support                      |
| 127      | 820004   | Plug-Welch                                               | 525A                                                                                   | 820666   | Tube-Dipstick<br>Used on Type No(s).<br>0231.          | 1027     | 820314   | Filter-Oil                           |
| 197      | 820176   | Screw<br>(Back Plate)                                    | 573                                                                                    | 820170   | Plate-Back                                             | 1028     | 820851   | Adapter-Oil Filter                   |
| 239      | 821135   | Switch-Oil Pressure                                      | 573A                                                                                   | 820147   | Plate-Back                                             | 1069     | 820102   | Nozzle-Oil                           |
| 292      | 820662   | Collar-Dipstick Tube                                     | 591                                                                                    | 821069   | Plug-Camshaft                                          | 1080     | 820145   | Gasket-Seal Retainer                 |
| 415A     | 820375   | Plug                                                     | 693                                                                                    | 821319   | Module-Pre Heat<br>(Used After Code Date<br>07063000). | 1262     | 821009   | Line-Water                           |
| 415B     | 820182   | Plug<br>(Cylinder)<br>Used on Type No(s).<br>0209, 0309. | ----- Note -----<br>820373 Module-<br>Pre Heat<br>(Used Before Code<br>Date 07070100). |          |                                                        | 1300     | 820042   | Screw<br>(Crankshaft<br>Bearing Cap) |
| 508      | 820031   | Screw<br>(Seal Retainer)                                 | 713                                                                                    | 821299   | Bushing-Camshaft                                       |          |          |                                      |
| 523      | 821158   | Dipstick                                                 | 718                                                                                    | 820063   | Pin-Locating                                           |          |          |                                      |
| 523A     | 820643   | Dipstick<br>Used on Type No(s).<br>0231.                 | 718A                                                                                   | 820062   | Pin-Locating                                           |          |          |                                      |
| 523B     | 820572   | Dipstick<br>Used on Type No(s).<br>0376.                 | 718B                                                                                   | 820061   | Pin-Locating                                           |          |          |                                      |

## *Cylinder, Back Plate, Oil*

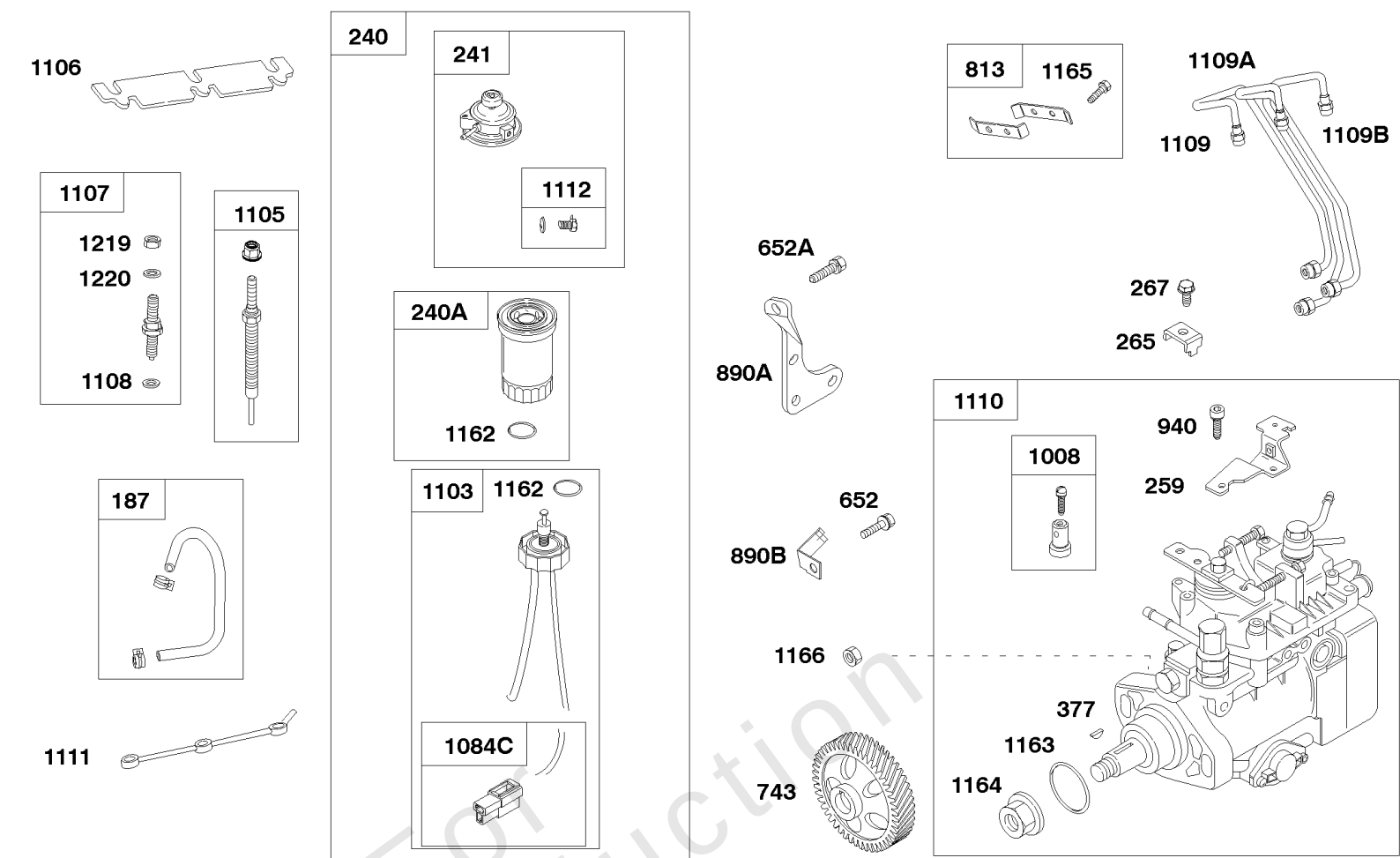
| REF NO | PART NO | QTY | DESCRIPTION                                         |
|--------|---------|-----|-----------------------------------------------------|
| 1      | 825599  |     | CYLINDER ASSEMBLY                                   |
| 20     | 821328  |     | SEAL, Oil<br>-(PTO Side)                            |
| 127    | 820004  |     | PLUG, Welch                                         |
| 197    | 820176  |     | SCREW<br>-(Back Plate)                              |
| 239    | 821135  |     | SWITCH, Oil Pressure                                |
| 292    | 820662  |     | COLLAR, Dipstick Tube                               |
| 415A   | 820375  |     | PLUG<br>-(Cylinder)                                 |
| 415B   | 820182  |     | PLUG                                                |
| 508    | 820031  |     | SCREW<br>-(Seal Retainer)                           |
| 523B   | 820572  |     | DIPSTICK                                            |
| 525    | 820144  |     | TUBE, Dipstick                                      |
| 573    | 820170  |     | PLATE, Back                                         |
| 573A   | 820147  |     | PLATE, Back                                         |
| 591    | 821069  |     | PLUG, Camshaft                                      |
| 693    | 821319  |     | MODULE, Pre Heat<br>-Used After Code Date 07063000  |
| 693    | 820373  |     | MODULE, Pre Heat<br>-Used Before Code Date 07070100 |
| 713    | 821299  |     | BUSHING, Camshaft                                   |
| 718    | 820063  |     | PIN, Locating                                       |
| 718A   | 820062  |     | PIN, Locating                                       |
| 718B   | 820061  |     | PIN, Locating                                       |
| 724    | 825731  |     | RETAINER, Seal                                      |
| 1027   | 820314  |     | FILTER, Oil                                         |
| 1028   | 820851  |     | ADAPTER, Oil Filter                                 |
| 1069   | 820102  |     | NOZZLE, Oil                                         |
| 1080   | 820145  |     | GASKET, Seal Retainer                               |
| 1262   | 821009  |     | LINE, Water                                         |
| 1300   | 820042  |     | SCREW<br>-(Crankshaft Bearing Cap)                  |



| REF. NO. | PART NO. | DESCRIPTION                        | REF. NO. | PART NO. | DESCRIPTION                       | REF. NO. | PART NO. | DESCRIPTION                  |
|----------|----------|------------------------------------|----------|----------|-----------------------------------|----------|----------|------------------------------|
| 3        | 821326   | Seal-Oil<br>(Magneto Side)         | 656      | 820962   | Gasket-Water Pipe                 | 1078     | 820137   | Gasket-Oil Pan               |
| 7        | 820930   | Gasket-Cylinder Head               | 868      | 820405   | Seal-Valve                        | 1080     | 820145   | Gasket-Seal Retainer         |
| 20       | 821328   | Seal-Oil<br>(PTO Side)             | 883      | 820817   | Gasket-Exhaust<br>(Manifold)      | 1084     | 825154   | Connector-Terminal           |
| 51       | 820407   | Gasket-Intake                      | 883A     | 820967   | Gasket-Exhaust<br>(Turbo Charger) | 1084A    | 825266   | Connector-Terminal           |
| 276      | 820064   | Washer-Sealing<br>(Rocker Cover)   | 883B     | 821001   | Gasket-Exhaust                    | 1084B    | 825157   | Connector-Terminal           |
| 276A     | 820582   | Washer-Sealing<br>(Oil Drain Plug) | 962      | 820988   | Gasket-Air Inlet Pipe             | 1084D    | 825160   | Connector-Terminal           |
| 276B     | 820950   | Washer-Sealing<br>(Oil Inlet Pipe) | 1022     | 820150   | Gasket-Rocker Cover               | 1095     | 825528   | Gasket Set-Valve             |
| 276C     | 820952   | Washer-Sealing<br>(Oil Inlet Pipe) | 1041     | 820104   | Gasket-<br>Oil Pump Screen        | 1258     | 820890   | Gasket-<br>Muffler Adapter   |
| 358      | 825527   | Gasket Set-Engine                  | 1062     | 820093   | Gasket-<br>Outlet Housing         | 1261     | 820973   | Gasket-Oil Outlet            |
|          |          |                                    | 1065     | 820098   | Gasket-Inlet Housing              | 1445     | 820377   | Gasket-<br>Timing Gear Cover |
|          |          |                                    | 1067     | 820100   | Gasket-Water Pump                 | 1446     | 820155   | Gasket-<br>Gear Housing      |

## Engine/Valve Gasket Sets

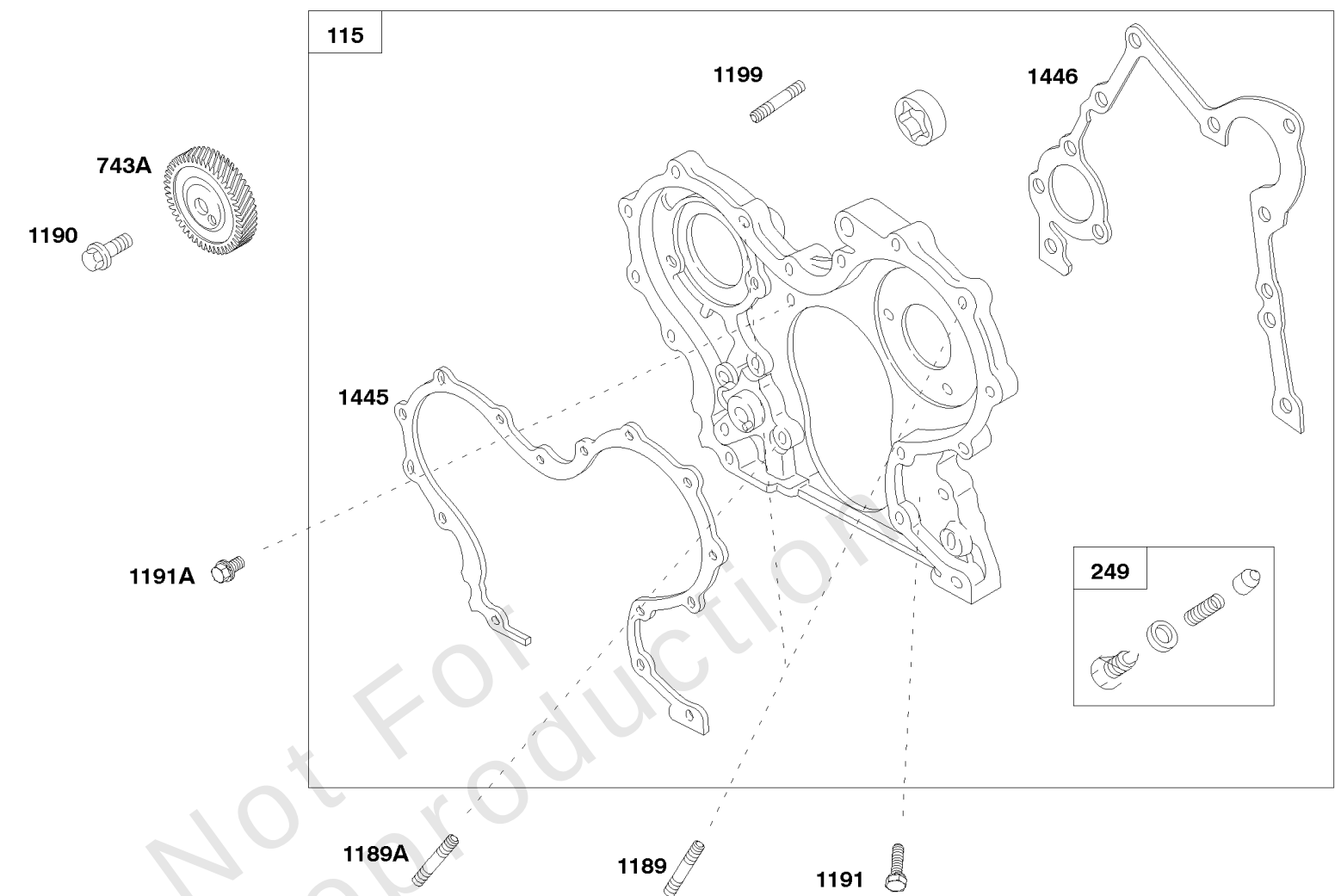
| REF NO | PART NO | QTY | DESCRIPTION                                |
|--------|---------|-----|--------------------------------------------|
| 3      | 821326  |     | SEAL, Oil<br>-(Magneto Side)               |
| 7      | 821270  |     | GASKET, Cylinder Head                      |
| 20     | 821328  |     | SEAL, Oil<br>-(PTO Side)                   |
| 51     | 820407  |     | GASKET, Intake                             |
| 276    | 820064  |     | WASHER, Sealing<br>-(Rocker Cover)         |
| 276A   | 820582  |     | WASHER, Sealing<br>-(Oil Drain Plug)(16mm) |
| 276B   | 820950  |     | WASHER, Sealing<br>-(Oil Inlet Pipe)       |
| 276C   | 820952  |     | WASHER, Sealing<br>-(Oil Inlet Pipe)       |
| 358    | 825527  |     | GASKET SET, Engine                         |
| 656    | 820962  |     | GASKET, Water Pipe                         |
| 868    | 820405  |     | SEAL, Valve                                |
| 883    | 820817  |     | GASKET, Exhaust<br>-(Manifold)             |
| 883A   | 820967  |     | GASKET, Exhaust<br>-(Turbo Charger)        |
| 962    | 820988  |     | GASKET, Air Inlet Pipe                     |
| 1022   | 820150  |     | GASKET, Rocker Cover                       |
| 1041   | 820104  |     | GASKET, Oil Pump Screen                    |
| 1062   | 820093  |     | GASKET, Outlet Housing                     |
| 1065   | 820098  |     | GASKET, Inlet Housing                      |
| 1067   | 820100  |     | GASKET, Water Pump                         |
| 1078   | 820137  |     | GASKET, Oil Pan                            |
| 1080   | 820145  |     | GASKET, Seal Retainer                      |
| 1084   | 825154  |     | CONNECTOR, Terminal                        |
| 1084A  | 825266  |     | CONNECTOR, Terminal                        |
| 1084D  | 825160  |     | CONNECTOR, Terminal                        |
| 1084B  | 825157  |     | CONNECTOR-TERMINAL                         |
| 1095   | 825528  |     | GASKET SET, Valve                          |
| 1258   | 820990  |     | GASKET, Muffler Adapter                    |
| 1261   | 820973  |     | GASKET, Oil Outlet                         |
| 1445   | 820377  |     | GASKET, Gear Cover/Housing                 |
| 1446   | 820155  |     | GASKET, Gear Cover/Housing                 |



| REF. NO. | PART NO. | DESCRIPTION                                             | REF. NO. | PART NO. | DESCRIPTION                                                 | REF. NO. | PART NO. | DESCRIPTION                           |
|----------|----------|---------------------------------------------------------|----------|----------|-------------------------------------------------------------|----------|----------|---------------------------------------|
| 187      | 825179   | Line-Fuel                                               | 1008     | 820467   | Clamp-Swivel                                                | 1111     | 820412   | Pipe-Fuel Return                      |
| 240      | 825219   | Filter-Fuel                                             | 1084C    | 825156   | Connector-Terminal                                          | 1112     | 825198   | Plug-Vent<br>(Fuel Filter)            |
| 240A     | 820311   | Filter-Fuel                                             | 1103     | 820347   | Sensor-Fuel Filter                                          | 1162     | 820348   | Seal-O Ring<br>(Fuel Filter Sensor)   |
| 241      | 821251   | Cover-Fuel Filter                                       | 1105     | 821308   | Plug-Glow                                                   | 1163     | 820414   | Seal-O Ring<br>(Injection Pump Shaft) |
| 259      | 820634   | Bracket-Casing Clamp                                    | 1106     | 820409   | Strap-Glow Plug                                             | 1164     | 820419   | Nut<br>(Injection Pump)               |
| 265      | 691024   | Clamp-Casing                                            | 1107     | 825754   | Nozzle-Injector<br>(Used After Code Date 07063000).         | 1165     | 820031   | Screw<br>(Clamp)                      |
| 267      | 820012   | Screw<br>(Casing Clamp)                                 |          |          | ----- Note -----                                            | 1166     | 820417   | Nut<br>(Injection Pump)               |
| 377      | 821064   | Key-Woodruff                                            |          |          | 825178 Nozzle-Injector<br>(Used Before Code Date 07070100). | 1219     | 820829   | Nut<br>(Injector Nozzle)              |
| 652      | 820593   | Screw<br>(Support Bracket)<br>Used on Type No(s). 0376. |          |          |                                                             | 1220     | 820831   | Washer<br>(Injector Nozzle)           |
| 652A     | 820272   | Screw<br>(Support Bracket)                              | 1108     | 820411   | Seat-Injector                                               |          |          |                                       |
| 743      | 820619   | Gear-Drive<br>(Fuel Injection Pump)                     | 1109     | 825194   | Pipe-Injector # 1                                           |          |          |                                       |
| 813      | 825197   | Clamp<br>(Injector Pipe)                                | 1109A    | 825195   | Pipe-Injector # 2                                           |          |          |                                       |
| 890      | 820415   | Bracket-Support                                         | 1109B    | 825196   | Pipe-Injector # 3                                           |          |          |                                       |
| 890A     | 820479   | Bracket-Support<br>Used on Type No(s). 0376.            | 1110     | 825752   | Pump-Injection<br>(Used After Code Date 07063000).          |          |          |                                       |
| 940      | 820640   | Screw<br>(Casing)                                       |          |          | ----- Note -----                                            |          |          |                                       |
|          |          |                                                         |          |          | 825606 Pump<br>Injection<br>(Used Before Code               |          |          |                                       |

## Fuel Filter, Fuel Injection Pump, Glow Plugs

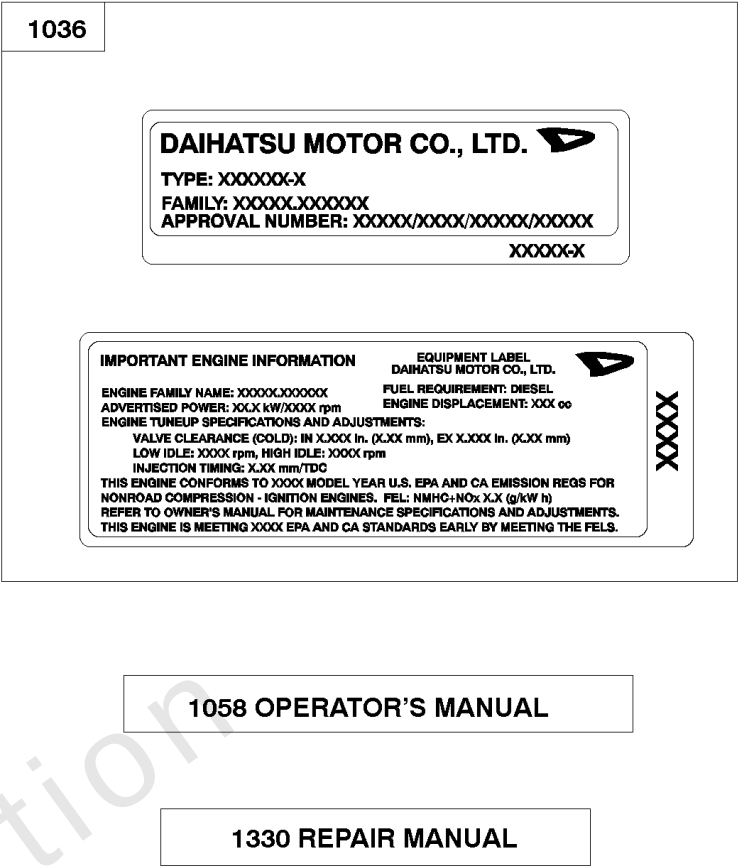
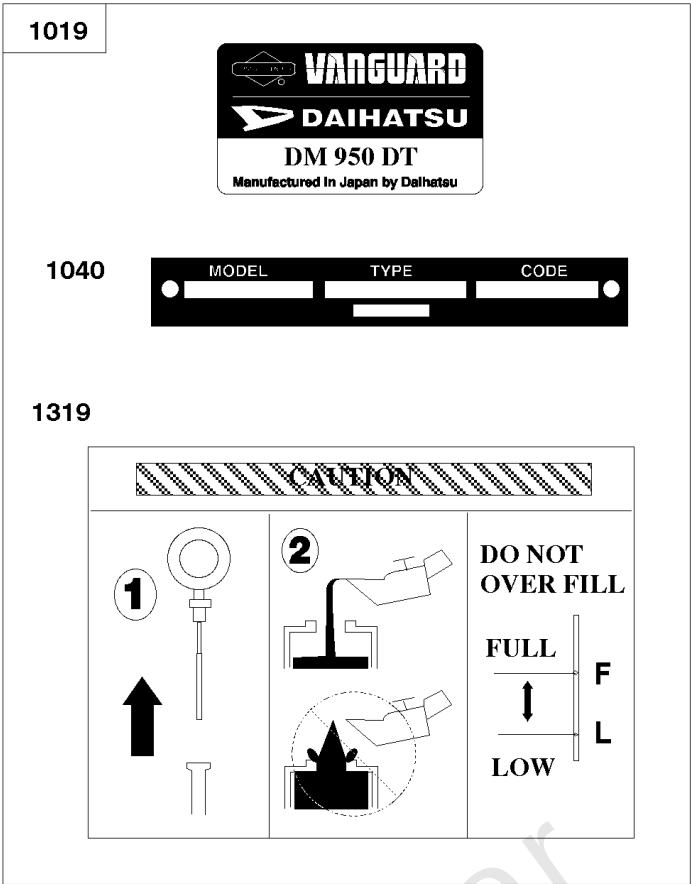
| REF NO | PART NO | QTY | DESCRIPTION                                             |
|--------|---------|-----|---------------------------------------------------------|
| 187    | 825179  |     | LINE, Fuel                                              |
| 240    | 825219  |     | FILTER, Fuel                                            |
| 240A   | 820311  |     | FILTER, Fuel                                            |
| 241    | 821251  |     | COVER, Fuel Filter                                      |
| 259    | 820634  |     | BRACKET, Casing Clamp                                   |
| 265    | 691024  |     | CLAMP, Casing                                           |
| 267    | 820012  |     | SCREW<br>-(Casing Clamp)                                |
| 309    | 825700  |     | MOTOR, Starter<br>-(1.2 KW)(Purple/Brown Label)         |
| 377    | 821064  |     | KEY, Woodruff                                           |
| 652    | 820593  |     | SCREW<br>-(Support Bracket)                             |
| 743    | 820619  |     | GEAR, Drive<br>-(Fuel Injection Pump)                   |
| 813    | 825197  |     | CLAMP<br>-(Injector Pipe)                               |
| 890B   | 820479  |     | BRACKET, Support                                        |
| 940    | 820640  |     | SCREW<br>-(Casing Clamp Bracket)                        |
| 1008   | 820467  |     | CLAMP, Swivel                                           |
| 1084C  | 825156  |     | CONNECTOR, Terminal                                     |
| 1103   | 820347  |     | SENSOR, Fuel Filter                                     |
| 1105   | 821308  |     | PLUG, Glow                                              |
| 1106   | 820409  |     | STRAP, Glow Plug                                        |
| 1107   | 825178  |     | NOZZLE, Injector<br>-Used Before Code Date 07070100     |
| 1107   | 825754  |     | NOZZLE, Injector<br>-Used After Code Date 07063000      |
| 1108   | 820411  |     | SEAT, Injector                                          |
| 1109   | 825194  |     | PIPE, Injector<br>-(Cylinder 1)                         |
| 1109A  | 825195  |     | PIPE, Injector<br>-(Cylinder 2)                         |
| 1109B  | 825196  |     | PIPE, Injector<br>-(Cylinder 3)                         |
| 1110   | 825752  |     | PUMP, Fuel Injection<br>-Used After Code Date 07063000  |
| 1110   | 825606  |     | PUMP, Fuel Injection<br>-Used Before Code Date 07070100 |
| 1111   | 820412  |     | PIPE, Fuel Return                                       |
| 1112   | 825198  |     | PLUG, Vent<br>-(Fuel Filter)                            |
| 1162   | 820348  |     | SEAL, O-Ring<br>-(Fuel Filter Sensor)                   |
| 1163   | 820414  |     | SEAL, O-Ring<br>-(Injection Pump Shaft)                 |
| 1164   | 820419  |     | NUT<br>-(Injection Pump Shaft)                          |
| 1165   | 820031  |     | SCREW<br>-(Clamp)                                       |
| 1166   | 820417  |     | NUT<br>-(Injection Pump)                                |
| 1219   | 820829  |     | NUT<br>-(Injector Nozzle)                               |
| 1220   | 820831  |     | WASHER<br>-(Injector Nozzle)                            |



| REF. NO. | PART NO. | DESCRIPTION               | REF. NO. | PART NO. | DESCRIPTION           | REF. NO. | PART NO. | DESCRIPTION              |
|----------|----------|---------------------------|----------|----------|-----------------------|----------|----------|--------------------------|
| 115      | 825186   | Housing-Gear              | 1190     | 820180   | Screw (Drive Gear)    | 1445     | 820377   | Gasket-Timing Gear Cover |
| 249      | 825032   | Valve-Pressure Relief     | 1191     | 820030   | Screw (Gear Housing)  | 1446     | 820155   | Gasket-Housing Gear      |
| 743A     | 820615   | Gear-Drive (Gear Housing) | 1191A    | 820033   | Screw (Gear Housing)  |          |          |                          |
| 1189     | 820156   | Stud (Gear Housing)       | 1199     | 820426   | Stud (Injection Pump) |          |          |                          |
| 1189A    | 820016   | Stud (Gear Housing)       |          |          |                       |          |          |                          |

## ***Gear Housing, Drive Gear***

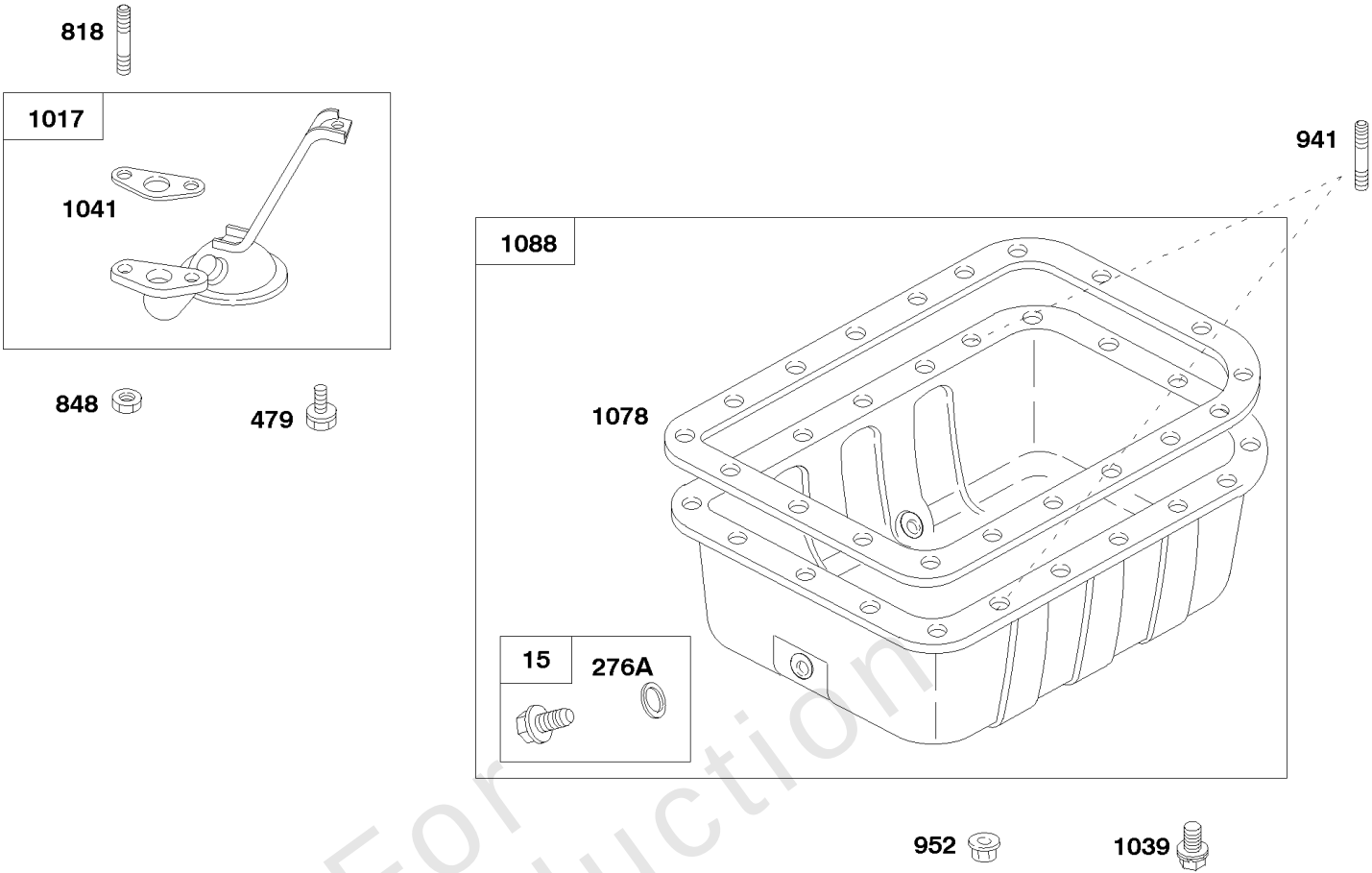
| REF NO | PART NO | QTY | DESCRIPTION                    |
|--------|---------|-----|--------------------------------|
| 115    | 825186  |     | HOUSING, Gear                  |
| 249    | 825032  |     | VALVE, Pressure Relief         |
| 743A   | 820615  |     | GEAR, Drive<br>-(Gear Housing) |
| 1189   | 820156  |     | STUD<br>-(Gear Housing)        |
| 1189A  | 820016  |     | STUD<br>-(Gear Housing)        |
| 1190   | 820180  |     | SCREW<br>-(Drive Gear)         |
| 1191   | 820030  |     | SCREW<br>-(Gear Housing)       |
| 1191A  | 820033  |     | SCREW<br>-(Gear Housing)       |
| 1199   | 820426  |     | STUD<br>-(Injection Pump)      |
| 1445   | 820377  |     | GASKET, Gear Cover/Housing     |
| 1446   | 820155  |     | GASKET, Gear Cover/Housing     |



| REF. NO. | PART NO. | DESCRIPTION | REF. NO. | PART NO. | DESCRIPTION                                                            | REF. NO. | PART NO. | DESCRIPTION                                                                 |
|----------|----------|-------------|----------|----------|------------------------------------------------------------------------|----------|----------|-----------------------------------------------------------------------------|
| 1019     | 825634   | Kit-Label   | 1036     |          | Label-Emissions (Available from a Briggs & Stratton Authorized Dealer) | 1040     | 820290   | Plate-Trim                                                                  |
|          |          |             |          |          |                                                                        | 1058     | 820853   | Operator's Manual                                                           |
|          |          |             |          |          |                                                                        | 1319     | 820891   | Label-Warning                                                               |
|          |          |             |          |          |                                                                        | 1330     | MS1055   | Repair Manual (Refer to Repair Manual For Assembly and Torque Requirements) |

### ***Label Kit, Emissions Label, Repair Manual***

| REF NO | PART NO | QTY | DESCRIPTION                                                                      |
|--------|---------|-----|----------------------------------------------------------------------------------|
| 1019   | 825634  |     | KIT, Label<br>-(Identification Labels)                                           |
| 1036   | -----   |     | Label-Emissions<br>-(Available From A Briggs & Stratton Authorized Dealer)       |
| 1040   | 820290  |     | PLATE, Trim                                                                      |
| 1058   | 820853  |     | MANUAL, Operator's                                                               |
| 1319   | 821160  |     | LABEL, Warning                                                                   |
| 1330   | MS1055  |     | MANUAL, Repair<br>-(Refer to Repair Manual For Assembly and Torque Requirements) |



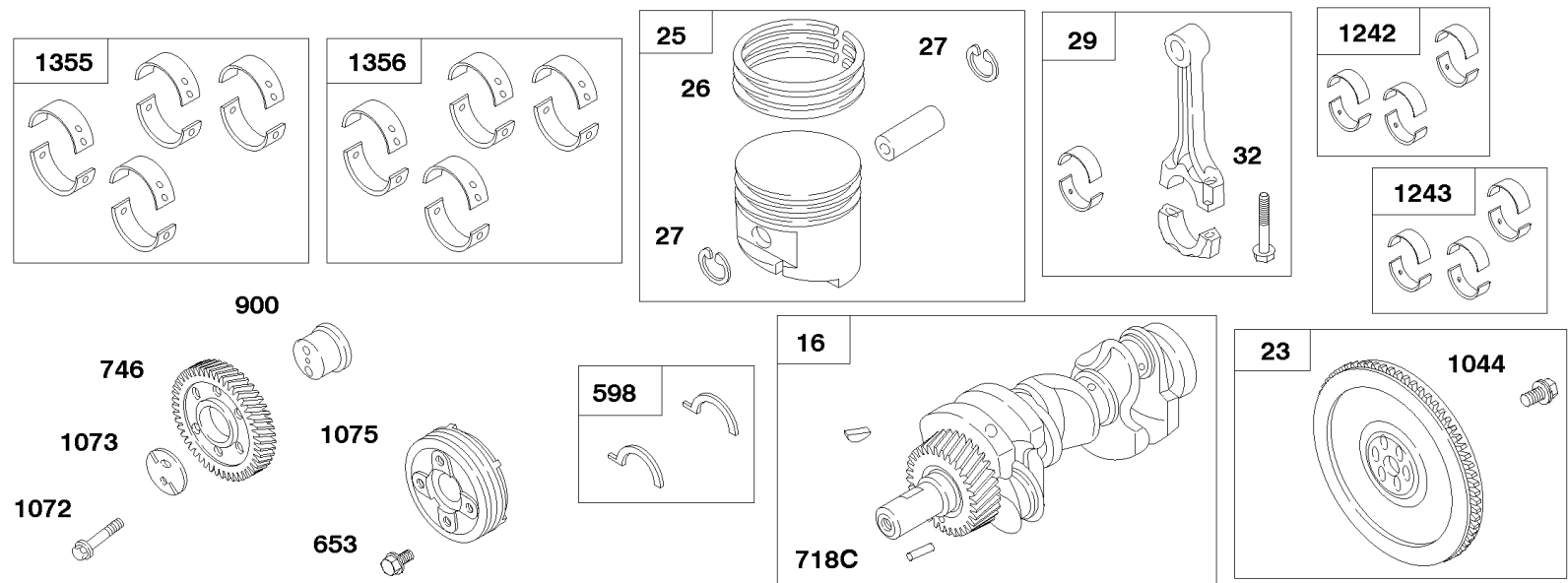
| REF. NO. | PART NO. | DESCRIPTION                        | REF. NO. | PART NO. | DESCRIPTION               | REF. NO. | PART NO. | DESCRIPTION                |
|----------|----------|------------------------------------|----------|----------|---------------------------|----------|----------|----------------------------|
| 15       | 825278   | Plug-Oil Drain                     | 818      | 820016   | Stud<br>(Oil Pump Screen) | 1017     | 825089   | Screen-Oil Pump            |
| 276A     | 820582   | Washer-Sealing<br>(Oil Drain Plug) | 848      | 820069   | Nut<br>(Oil Pump Screen)  | 1039     | 821233   | Screw<br>(Oil Pan)         |
| 479      | 821233   | Screw<br>(Oil Pump Screen)         | 941      | 820017   | Stud<br>(Oil Pan)         | 1041     | 820104   | Gasket-<br>Oil Pump Screen |
|          |          |                                    | 952      | 820068   | Nut<br>(Oil Pan)          | 1078     | 820137   | Gasket-Oil Pan             |
|          |          |                                    |          |          |                           | 1088     | 825734   | Pan-Oil<br>(Dual Drain)    |

## Oil Pan, Oil Pump Screen

| REF NO | PART NO | QTY | DESCRIPTION                                |
|--------|---------|-----|--------------------------------------------|
| 15     | 825278  |     | PLUG, Oil Drain                            |
| 276A   | 820582  |     | WASHER, Sealing<br>-(Oil Drain Plug)(16mm) |
| 479    | 821233  |     | SCREW<br>-(Oil Pump Screen)                |
| 818    | 820016  |     | STUD<br>-(Oil Pump Screen)                 |
| 848    | 820069  |     | NUT<br>-(Oil Pump Screen)                  |
| 941    | 820017  |     | STUD<br>-(Oil Pan)                         |
| 952    | 820068  |     | NUT<br>-(Oil Pan)                          |
| 1017   | 825089  |     | SCREEN, Oil Pump                           |
| 1039   | 821233  |     | SCREW<br>-(Oil Pan)                        |
| 1041   | 820104  |     | GASKET, Oil Pump Screen                    |
| 1078   | 820137  |     | GASKET, Oil Pan                            |
| 1088   | 825734  |     | PAN, Oil<br>-(Dual Drain)                  |

Piston, Crankshaft, Flywheel

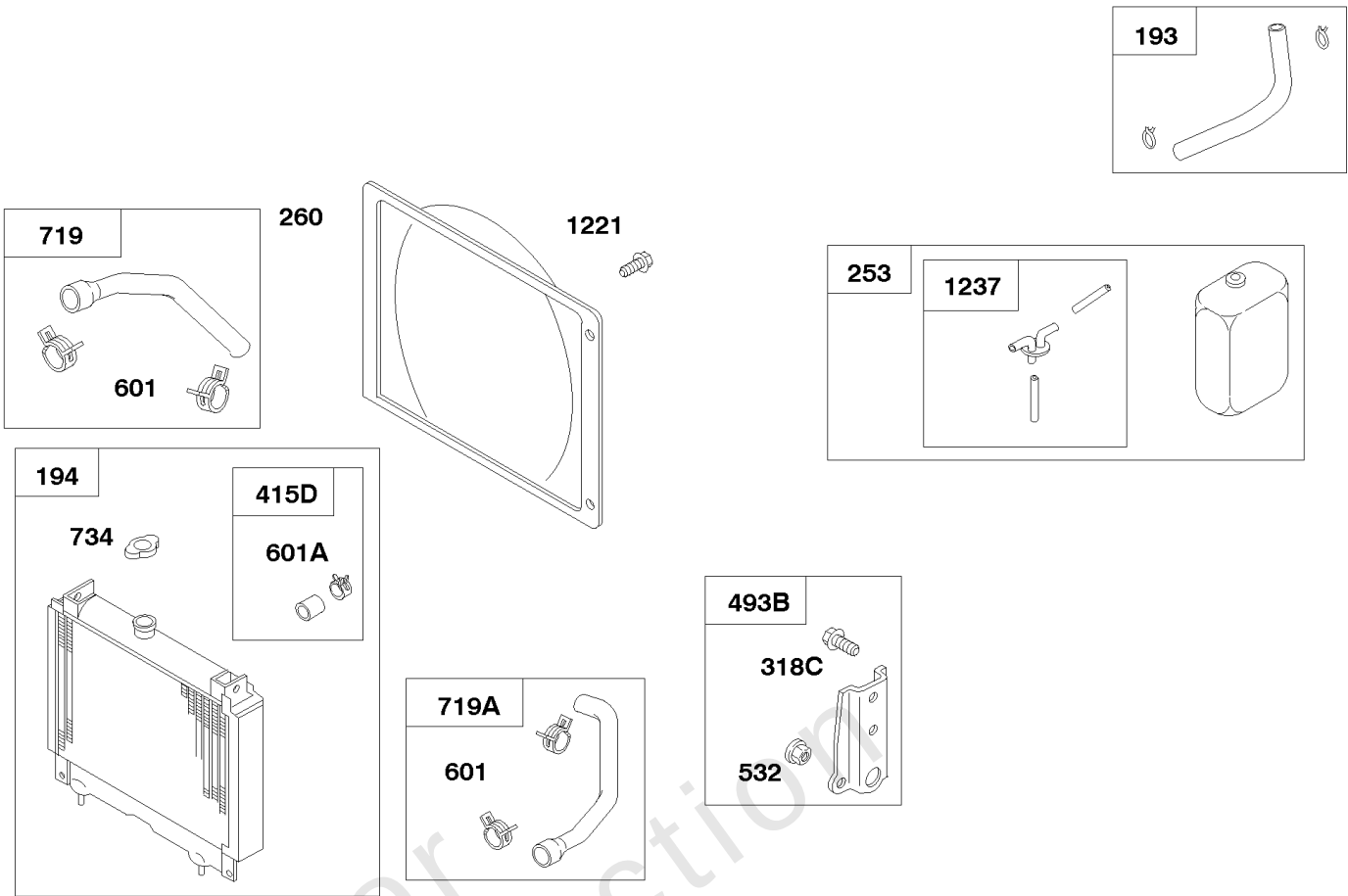
Mfg. No: 58A447-0376-E2



| REF. NO. | PART NO. | DESCRIPTION                             | REF. NO. | PART NO. | DESCRIPTION                                       | REF. NO. | PART NO. | DESCRIPTION             |
|----------|----------|-----------------------------------------|----------|----------|---------------------------------------------------|----------|----------|-------------------------|
| 16       | 825494   | Crankshaft                              | 598      | 821295   | Shim-Endplay (Crankshaft) (Standard)              | 1044     | 820080   | Screw (Flywheel)        |
| 23       | 825303   | Flywheel                                |          |          | ----- Note -----                                  | 1072     | 820081   | Screw (Idle Gear Plate) |
| 25       | 825796   | Piston Assembly (Standard)              |          |          | 821297 Shim-Endplay (Crankshaft) (.005" Oversize) | 1073     | 820117   | Plate-Idle Gear         |
|          |          | ----- Note -----                        |          |          |                                                   | 1075     | 820236   | Pulley-Crankshaft       |
|          |          | 825801 Piston Assembly (.010" Oversize) | 653      | 820079   | Screw (Crankshaft Pulley)                         | 1242     | 825739   | Bearing Set/STD-Rod     |
| 26       | 825512   | Ring Set (Standard)                     | 718C     | 820059   | Pin-Locating                                      | 1243     | 825740   | Bearing Set/010-Rod     |
|          |          | ----- Note -----                        | 746      | 820611   | Gear-Idler                                        | 1355     | 821291   | Bearing Set/STD-Main    |
|          |          | 825514 Ring Set (.010" Oversize)        | 900      | 820116   | Shaft-Gear                                        | 1356     | 821293   | Bearing Set/010-Main    |
| 27       | 820926   | Lock-Piston Pin                         |          |          |                                                   |          |          |                         |
| 29       | 825736   | Rod-Connecting                          |          |          |                                                   |          |          |                         |
| 32       | 820928   | Screw (Connecting Rod)                  |          |          |                                                   |          |          |                         |

## *Piston, Crankshaft, Flywheel*

| REF NO | PART NO | QTY | DESCRIPTION                                                         |
|--------|---------|-----|---------------------------------------------------------------------|
| 16     | 825494  |     | CRANKSHAFT                                                          |
| 23     | 825303  |     | FLYWHEEL                                                            |
| 25     | 825796  |     | PISTON ASSEMBLY<br>-(Standard)                                      |
| 25     | 825801  |     | PISTON ASSEMBLY<br>-(.010 Oversize)                                 |
| 26     | 825512  |     | SET, Ring<br>-(Standard)                                            |
| 26     | 825514  |     | SET, Ring<br>-(.010 Oversize)                                       |
| 27     | 820926  |     | LOCK, Piston Pin                                                    |
| 29     | 825736  |     | ROD, Connecting                                                     |
| 32     | 820928  |     | SCREW<br>-(Connecting Rod)                                          |
| 598    | 821297  |     | SHIM, End Play<br>-(Crankshaft or Camshaft Bearing) (.005 Oversize) |
| 598    | 821295  |     | SHIM, End Play<br>-(Crankshaft or Camshaft Bearing) (Standard)      |
| 653    | 820079  |     | SCREW<br>-(Crankshaft Pulley)                                       |
| 718C   | 820059  |     | PIN, Locating                                                       |
| 746    | 820611  |     | GEAR, Idler                                                         |
| 900    | 820116  |     | SHAFT, Gear                                                         |
| 1044   | 820080  |     | SCREW<br>-(Flywheel)                                                |
| 1072   | 820081  |     | SCREW<br>-(Idle Gear Plate)                                         |
| 1073   | 820117  |     | PLATE, Idle Gear                                                    |
| 1075   | 820236  |     | PULLEY, Crankshaft                                                  |
| 1242   | 825739  |     | SET, Rod Bearing, Standard                                          |
| 1243   | 825740  |     | SET, Rod Bearing, 010                                               |
| 1355   | 821291  |     | SET, Main Bearing, Standard                                         |
| 1356   | 821293  |     | SET, Main Bearing, 010                                              |



| REF. NO. | PART NO. | DESCRIPTION                                           | REF. NO. | PART NO. | DESCRIPTION                     | REF. NO. | PART NO. | DESCRIPTION                                           |
|----------|----------|-------------------------------------------------------|----------|----------|---------------------------------|----------|----------|-------------------------------------------------------|
| 193      | 825697   | Hose-Reserve Tank                                     | 493B     | 825106   | Bracket-Mounting (Reserve Tank) | 719      | 825557   | Hose-Radiator<br>Used on Type No(s). 0201, 0234.      |
| 194      | 825645   | Radiator<br>Used on Type No(s). 0201, 0231, 0234.     | 532      | 820011   | Nut (Mounting Bracket)          |          |          | ----- Note -----                                      |
| 253      | 825462   | Tank-Reserve                                          | 532A     | 820070   | Nut (Mounting Bracket)          |          |          | 825134 Hose-Radiator<br>Used on Type No(s). 0210.     |
| 260      | 821019   | Shroud-Fan (375mm)<br>Used on Type No(s). 0201, 0234. | 601      | 820256   | Clamp-Hose                      | 719A     | 825671   | Hose-Radiator<br>Used on Type No(s). 0201, 0234.      |
| 318C     | 821233   | Screw (Mounting Bracket)                              | 601A     | 820201   | Clamp-Hose                      |          |          | ----- Note -----                                      |
| 415D     | 825075   | Plug (Radiator)                                       |          |          |                                 |          |          | 825133 Hose-Radiator<br>Used on Type No(s). 0210.     |
|          |          |                                                       |          |          |                                 | 734      | 820258   | Cap-Radiator                                          |
|          |          |                                                       |          |          |                                 | 1221     | 820636   | Screw (Fan Shroud)<br>Used on Type No(s). 0201, 0234. |
|          |          |                                                       |          |          |                                 | 1237     | 825461   | Cap/Hose-Reserve                                      |

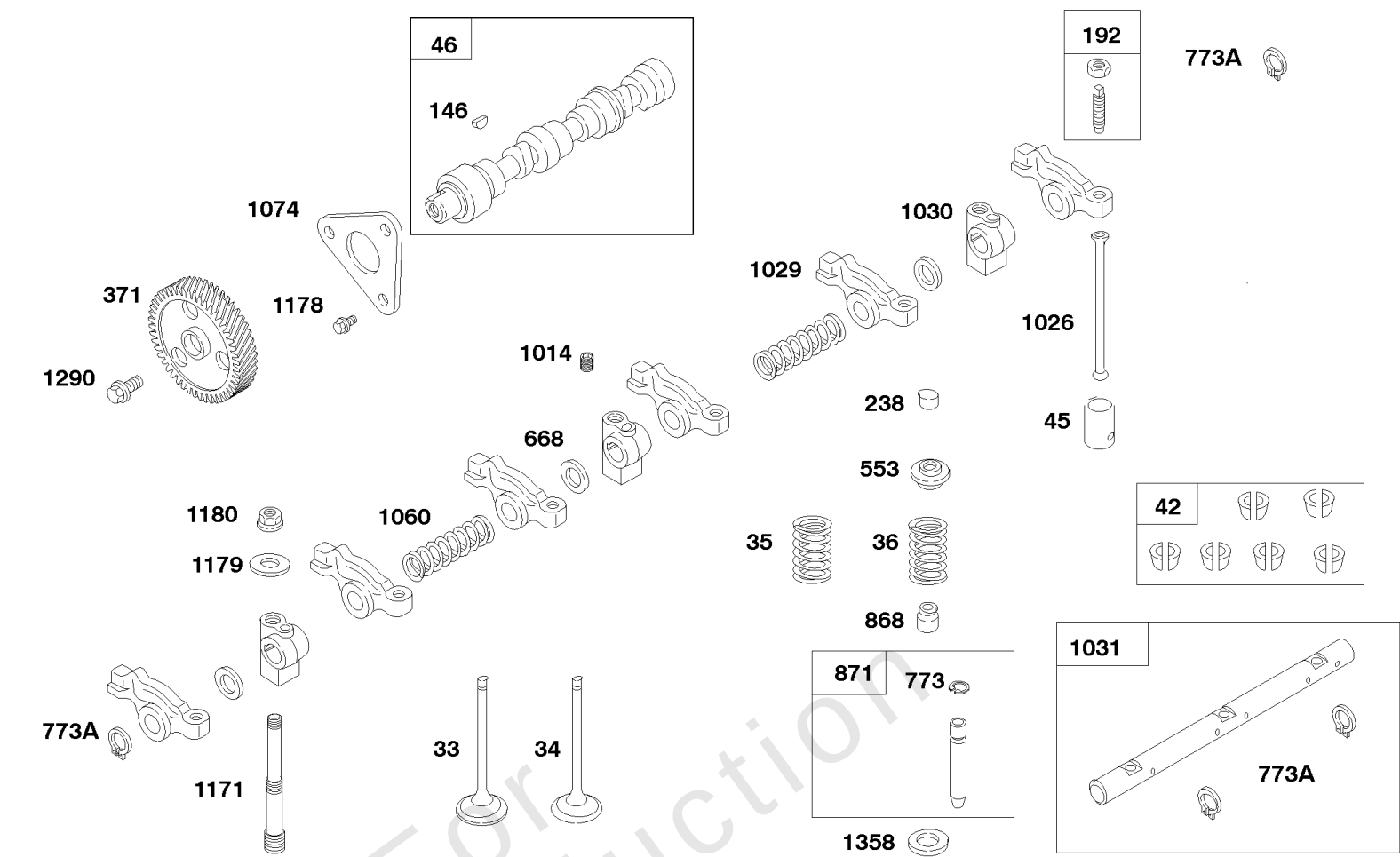
## ***Radiator, Radiator Hoses, Reserve Tank***

| REF NO | PART NO | QTY | DESCRIPTION                          |
|--------|---------|-----|--------------------------------------|
| 193    | 825697  |     | HOSE, Reserve Tank                   |
| 253    | 825462  |     | TANK, Reserve                        |
| 318C   | 821233  |     | SCREW<br>-(Mounting Bracket)         |
| 415D   | 825075  |     | PLUG<br>-(Radiator)                  |
| 493B   | 825106  |     | BRACKET, Mounting<br>-(Reserve Tank) |
| 532    | 820011  |     | NUT<br>-(Mounting Bracket)           |
| 601    | 820256  |     | CLAMP, Hose                          |
| 601A   | 820201  |     | CLAMP, Hose                          |
| 734    | 820258  |     | CAP, Radiator                        |
| 1237   | 825461  |     | CAP, Reserve Tank                    |

*Replacement Engine - US & Canada*

| REF NO | PART NO | QTY | DESCRIPTION |
|--------|---------|-----|-------------|
|--------|---------|-----|-------------|

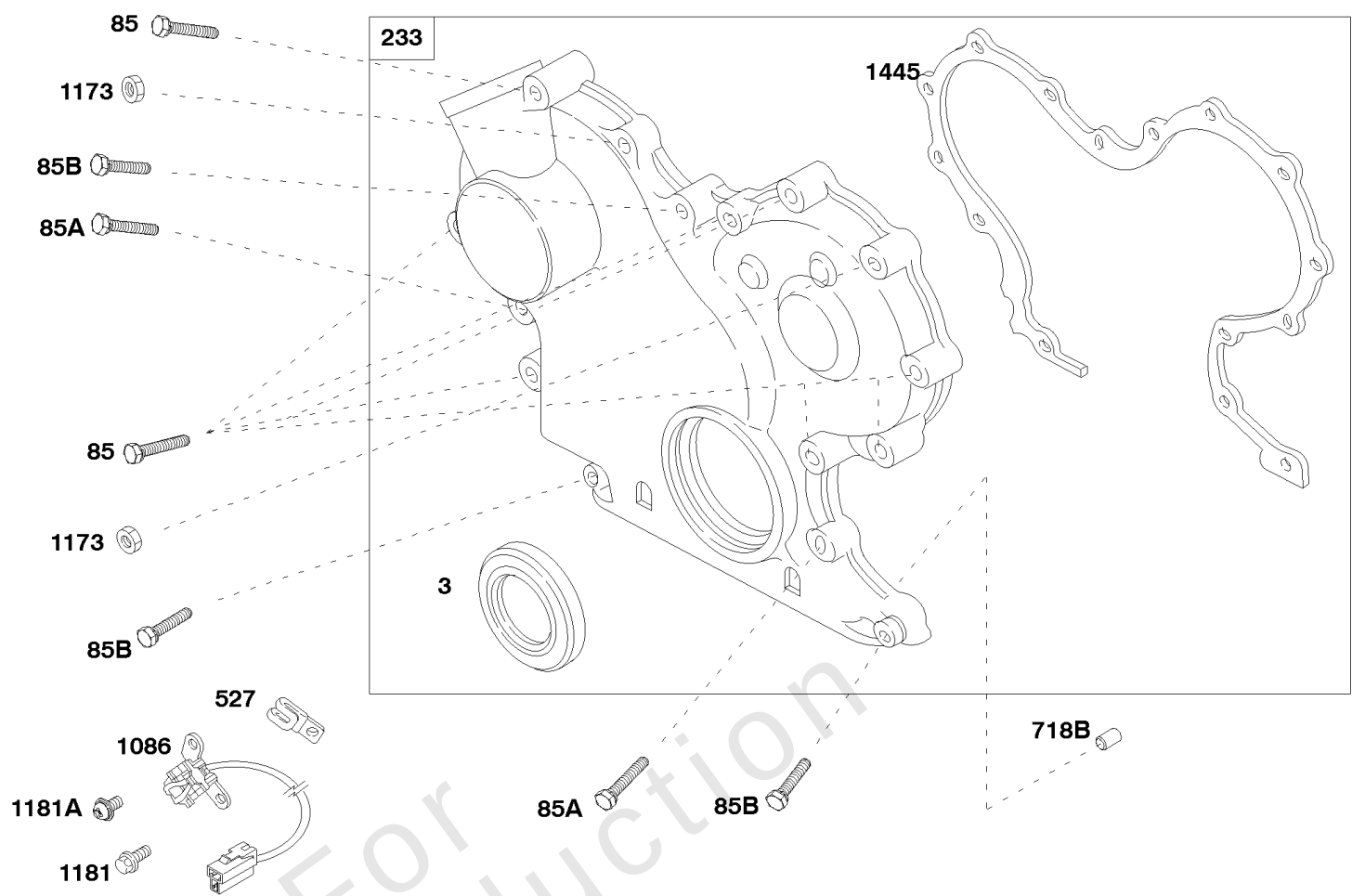
Not For Reproduction



| REF. NO. | PART NO. | DESCRIPTION                                                  | REF. NO. | PART NO. | DESCRIPTION                                       | REF. NO. | PART NO. | DESCRIPTION                 |
|----------|----------|--------------------------------------------------------------|----------|----------|---------------------------------------------------|----------|----------|-----------------------------|
| 33       | 820404   | Valve-Exhaust                                                | 371      | 820613   | Gear-Cam                                          | 1074     | 820118   | Retainer-Camshaft           |
| 34       | 820403   | Valve-Intake                                                 | 553      | 820111   | Retainer-Valve Spring                             | 1171     | 820076   | Stud                        |
| 35       | 820406   | Spring-Valve (Intake)                                        | 668      | 820065   | Spacer (Rocker Arm Shaft) (Includes 3)            | 1178     | 820032   | Screw (Camshaft Retainer)   |
| 36       | 820406   | Spring-Valve (Exhaust)                                       | 773      | 820130   | Retainer (Valve Guide Bushing)                    | 1179     | 820177   | Washer (Rocker Arm Support) |
| 42       | 825082   | Keeper-Valve (Contains 6 Sets)                               | 773A     | 820003   | Retainer (Rocker Arm Shaft)                       | 1180     | 820070   | Nut (Rocker Arm Support)    |
| 45       | 820110   | Tappet-Valve                                                 | 868      | 820405   | Seal-Valve                                        | 1290     | 820075   | Screw (Cam Gear)            |
| 46       | 820936   | Camshaft                                                     | 871      | 825030   | Bushing-Valve Guide                               | 1358     | 820112   | Seat-Valve Spring           |
| 146      | 691639   | Key-Timing                                                   | 1014     | 820105   | Screw (Rocker Arm Support)                        |          |          |                             |
| 192      | 825688   | Adjuster-Rocker Arm (Used After Code Date 04083100).         | 1026     | 821218   | Rod-Push (Used After Code Date 04083100).         |          |          |                             |
|          |          | ----- Note -----                                             |          |          | ----- Note -----                                  |          |          |                             |
|          |          | 825041 Adjuster-Rocker Arm (Used Before Code Date 04090100). |          |          | 820109 Rod-Push (Used Before Code Date 04090100). |          |          |                             |
| 238      | 821214   | Cap-Valve (Used After Code Date 04083100).                   | 1029     | 820387   | Arm-Rocker                                        |          |          |                             |
|          |          | ----- Note -----                                             | 1030     | 820106   | Support-Rocker Arm                                |          |          |                             |
|          |          | 820113 Cap-Valve (Used Before Code                           | 1031     | 825093   | Shaft-Rocker Arm                                  |          |          |                             |
|          |          |                                                              | 1060     | 820044   | Spring-Rocker Shaft                               |          |          |                             |

## ***Rocker Arm Shaft, Camshaft, Cam Gear***

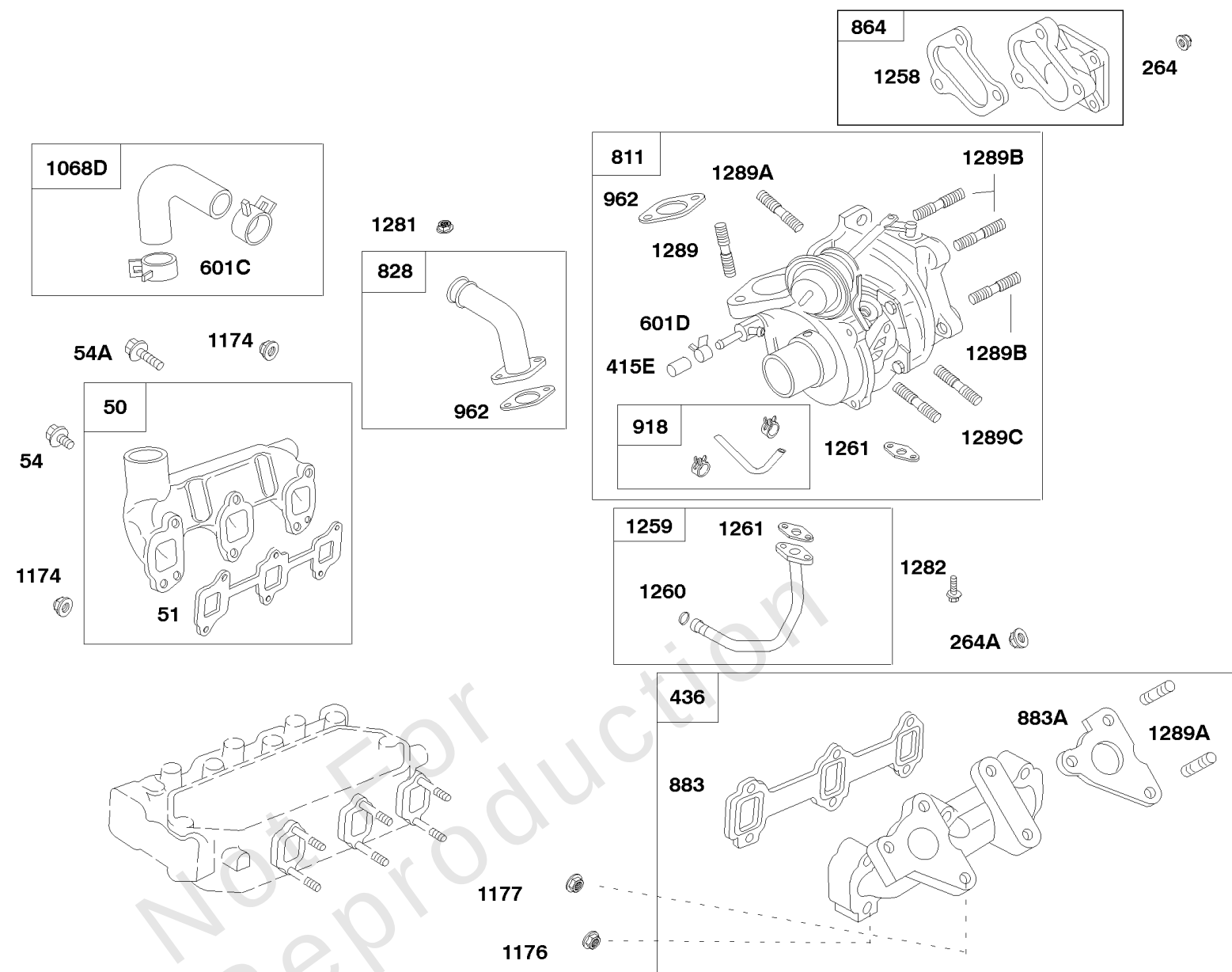
| REF NO | PART NO | QTY | DESCRIPTION                                             |
|--------|---------|-----|---------------------------------------------------------|
| 33     | 820404  |     | VALVE, Exhaust                                          |
| 34     | 820403  |     | VALVE, Intake                                           |
| 35     | 820406  |     | SPRING, Valve<br>-(Intake)                              |
| 36     | 820406  |     | SPRING, Valve<br>-(Exhaust)                             |
| 42     | 825082  |     | KEEPER, Valve<br>-(Contains 6 Sets)                     |
| 45     | 820110  |     | TAPPET, Valve                                           |
| 46     | 820936  |     | CAMSHAFT                                                |
| 146    | 691639  |     | KEY, Woodruff                                           |
| 192    | 825688  |     | ADJUSTER, Rocker Arm<br>-Used After Code Date 04083100  |
| 192    | 825041  |     | ADJUSTER, Rocker Arm<br>-Used Before Code Date 04090100 |
| 238    | 821214  |     | CAP, Valve<br>-Used After Code Date 04083100            |
| 238    | 820113  |     | CAP, Valve<br>-Used Before Code Date 04090100           |
| 371    | 820613  |     | GEAR, Cam                                               |
| 553    | 820111  |     | RETAINER, Valve                                         |
| 668    | 820065  |     | SPACER<br>-(Rocker Arm Shaft) (Includes 3)              |
| 773    | 820130  |     | RETAINER<br>-(Valve Guide Bushing)                      |
| 773A   | 820003  |     | RETAINER<br>-(Rocker Arm Shaft)                         |
| 868    | 820405  |     | SEAL, Valve                                             |
| 871    | 825030  |     | BUSHING, Valve Guide                                    |
| 1014   | 820105  |     | SCREW<br>-(Rocker Arm Support)                          |
| 1026   | 820422  |     | ROD, Push<br>-Used Before Code Date 04090100            |
| 1026   | 821218  |     | ROD, Push<br>-Used After Code Date 04083100             |
| 1029   | 820387  |     | ARM, Rocker                                             |
| 1030   | 820106  |     | SUPPORT, Rocker Arm                                     |
| 1031   | 825093  |     | SHAFT, Rocker Arm                                       |
| 1060   | 820044  |     | SPRING, Rocker Shaft                                    |
| 1074   | 820118  |     | RETAINER, Camshaft                                      |
| 1171   | 820076  |     | STUD<br>-(Rocker Cover)                                 |
| 1178   | 820032  |     | SCREW<br>-(Camshaft Retainer)                           |
| 1179   | 820177  |     | WASHER<br>-(Rocker Arm Support)                         |
| 1180   | 820070  |     | NUT<br>-(Rocker Arm Support)                            |
| 1290   | 820075  |     | SCREW<br>-(Cam Gear)                                    |
| 1358   | 820112  |     | SEAT, Valve Spring                                      |



| REF. NO. | PART NO. | DESCRIPTION                               | REF. NO. | PART NO. | DESCRIPTION             | REF. NO. | PART NO. | DESCRIPTION              |
|----------|----------|-------------------------------------------|----------|----------|-------------------------|----------|----------|--------------------------|
| 3        | 821326   | Seal-Oil (Magneto Side)                   | 233      | 825758   | Cover-Timing Gear       | 1181     | 820029   | Screw (Coil Trigger)     |
| 85       | 820425   | Screw (Timing Gear Cover to Gear Housing) | 527      | 820047   | Clamp-Tube              | 1181A    | 820013   | Screw (Coil Trigger)     |
| 85A      | 820029   | Screw (Timing Gear Cover to Gear Housing) | 718B     | 820061   | Pin_Locating            | 1445     | 820377   | Gasket-Timing Gear Cover |
| 85B      | 820027   | Screw (Timing Gear Cover to Gear Housing) | 1086     | 825009   | Trigger-Coil            |          |          |                          |
|          |          |                                           | 1173     | 820069   | Nut (Timing Gear Cover) |          |          |                          |

### *Timing Gear Cover, Coil Trigger*

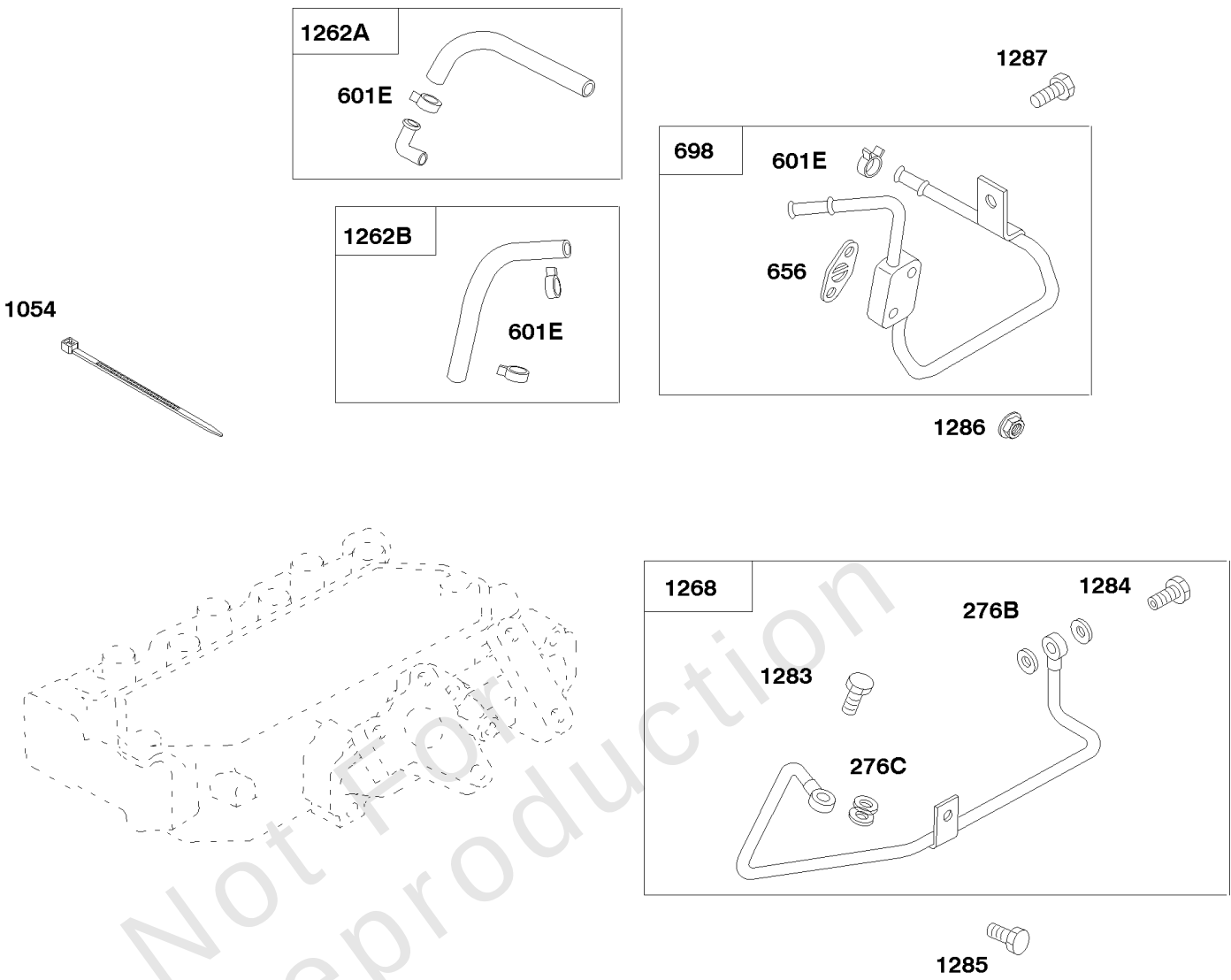
| REF NO | PART NO | QTY | DESCRIPTION                  |
|--------|---------|-----|------------------------------|
| 3      | 821326  |     | SEAL, Oil<br>-(Magneto Side) |
| 85     | 820425  |     | SCREW<br>-(Gear Cover)       |
| 85A    | 820029  |     | SCREW<br>-(Gear Cover)       |
| 85B    | 820027  |     | SCREW<br>-(Gear Cover)       |
| 233    | 825758  |     | COVER, Timing Gear           |
| 527    | 820047  |     | CLAMP, Hose                  |
| 718B   | 820061  |     | PIN, Locating                |
| 1086   | 825009  |     | TRIGGER, Ignition            |
| 1173   | 820069  |     | NUT<br>-(Gear Cover)         |
| 1181   | 820029  |     | SCREW<br>-(Ignition Trigger) |
| 1181A  | 820013  |     | SCREW<br>-(Ignition Trigger) |
| 1445   | 820377  |     | GASKET, Gear Cover/Housing   |



| REF. NO. | PART NO. | DESCRIPTION                | REF. NO. | PART NO. | DESCRIPTION                       | REF. NO. | PART NO. | DESCRIPTION                      |
|----------|----------|----------------------------|----------|----------|-----------------------------------|----------|----------|----------------------------------|
| 50       | 825530   | Manifold-Intake            | 823      | 821249   | Screw<br>(Muffler Adapter)        | 1258     | 820990   | Gasket-<br>Muffler Adapter       |
| 51       | 820407   | Gasket-Intake              | 828      | 825536   | Pipe-Air Inlet                    | 1259     | 825535   | Pipe-Oil Outlet                  |
| 54       | 820031   | Screw<br>(Intake Manifold) | 864      | 825537   | Adapter-Muffler                   | 1260     | 820975   | Seal-O Ring<br>(Oil Outlet Pipe) |
| 54A      | 820408   | Screw<br>(Intake Manifold) | 883      | 820817   | Gasket-Exhaust<br>(Manifold)      | 1261     | 820973   | Gasket-Oil Outlet                |
| 264      | 820969   | Nut<br>(Muffler Adapter)   | 883A     | 820967   | Gasket-Exhaust<br>(Turbo Charger) | 1281     | 820181   | Nut<br>(Air Inlet Pipe)          |
| 264A     | 820178   | Nut<br>(Muffler Adapter)   | 918      | 825542   | Hose-Vacuum                       | 1282     | 820971   | Screw<br>(Oil Outlet Pipe)       |
| 415E     | 820995   | Plug<br>(Turbo Charger)    | 962      | 820988   | Gasket-Air Inlet Pipe             | 1289     | 820981   | Stud<br>(Turbo Charger)          |
| 436      | 825531   | Manifold-Exhaust           | 1068D    | 825543   | Hose/Clamp Assembly               | 1289A    | 820553   | Stud<br>(Turbo Charger)          |
| 601C     | 820944   | Clamp-Hose                 | 1174     | 820069   | Nut<br>(Intake Manifold)          | 1289B    | 820983   | Stud<br>(Turbo Charger)          |
| 601D     | 820993   | Clamp-Hose                 | 1176     | 820178   | Nut<br>(Exhaust Manifold)         |          |          |                                  |
| 811      | 825533   | Charger-Turbo              | 1177     | 820178   | Nut                               |          |          |                                  |

### ***Turbo Charger, Intake Manifold, Exhaust Manifold***

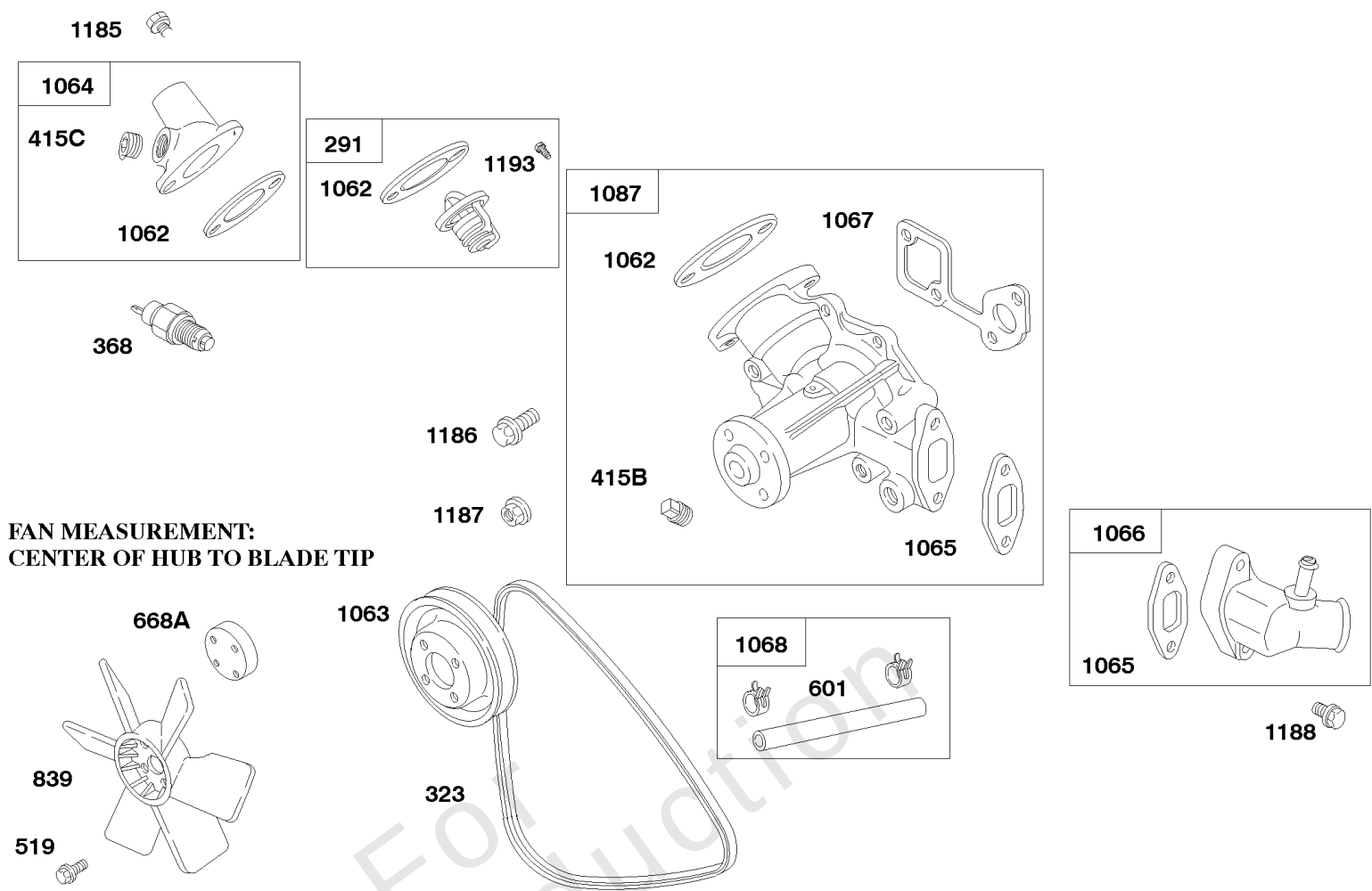
| REF NO | PART NO | QTY | DESCRIPTION                         |
|--------|---------|-----|-------------------------------------|
| 50     | 825530  |     | MANIFOLD, Intake                    |
| 51     | 820407  |     | GASKET, Intake                      |
| 54     | 820031  |     | SCREW<br>-(Intake Manifold)         |
| 54A    | 820408  |     | SCREW<br>-(Intake Manifold)         |
| 264    | 820969  |     | NUT<br>-(Muffler Adapter)           |
| 264A   | 820178  |     | NUT<br>-(Muffler Adapter)           |
| 415E   | 820995  |     | PLUG<br>-(Turbo Charger)            |
| 436    | 825531  |     | MANIFOLD, Exhaust                   |
| 601C   | 820944  |     | CLAMP, Hose                         |
| 601D   | 820993  |     | CLAMP, Hose                         |
| 811    | 825533  |     | CHARGER, Turbo                      |
| 828    | 825536  |     | PIPE, Air Inlet                     |
| 864    | 825537  |     | ADAPTER, Muffler                    |
| 883    | 820817  |     | GASKET, Exhaust<br>-(Manifold)      |
| 883A   | 820967  |     | GASKET, Exhaust<br>-(Turbo Charger) |
| 918    | 825542  |     | HOSE, Vacuum                        |
| 962    | 820988  |     | GASKET, Air Inlet Pipe              |
| 1068D  | 825543  |     | HOSE/CLAMP ASSEMBLY                 |
| 1174   | 820069  |     | NUT<br>-(Intake Manifold)           |
| 1176   | 820178  |     | NUT<br>-(Exhaust Manifold)          |
| 1177   | 820178  |     | NUT<br>-(Muffler)                   |
| 1258   | 820990  |     | GASKET, Muffler Adapter             |
| 1259   | 825535  |     | PIPE, Oil Outlet                    |
| 1260   | 820975  |     | SEAL, O-Ring<br>-(Oil Outlet Pipe)  |
| 1261   | 820973  |     | GASKET, Oil Outlet                  |
| 1281   | 820181  |     | NUT<br>-(Air Inlet Pipe)            |
| 1282   | 820971  |     | SCREW<br>-(Oil Outlet Pipe)         |
| 1289   | 820981  |     | STUD<br>-(Turbo Charger)            |
| 1289A  | 820553  |     | STUD<br>-(Turbo Charger)            |
| 1289B  | 820983  |     | STUD<br>-(Turbo Charger)            |
| 1289C  | 820985  |     | STUD<br>-(Turbo Charger)            |



| REF. NO. | PART NO. | DESCRIPTION                     | REF. NO. | PART NO. | DESCRIPTION            | REF. NO. | PART NO. | DESCRIPTION            |
|----------|----------|---------------------------------|----------|----------|------------------------|----------|----------|------------------------|
| 276B     | 820950   | Washer-Sealing (Oil Inlet Pipe) | 1054     | 280275   | Tie-Cable              | 1285     | 820023   | Screw (Oil Inlet Pipe) |
| 276C     | 820952   | Washer-Sealing (Oil Inlet Pipe) | 1262A    | 825540   | Line-Water             | 1286     | 820069   | Nut (Water Pipe)       |
| 601E     | 820960   | Clamp-Hose                      | 1262B    | 825541   | Line-Water             | 1287     | 820023   | Screw (Water Pipe)     |
| 656      | 820962   | Gasket-Water Pipe               | 1268     | 825539   | Pipe-Oil Inlet         |          |          |                        |
| 698      | 825558   | Pipe-Water                      | 1283     | 820954   | Screw (Oil Inlet Pipe) |          |          |                        |
|          |          |                                 | 1284     | 820948   | Screw (Oil Inlet Pipe) |          |          |                        |

## Water Pipe, Water Lines

| REF NO | PART NO | QTY | DESCRIPTION                          |
|--------|---------|-----|--------------------------------------|
| 276B   | 820950  |     | WASHER, Sealing<br>-(Oil Inlet Pipe) |
| 276C   | 820952  |     | WASHER, Sealing<br>-(Oil Inlet Pipe) |
| 601E   | 820960  |     | CLAMP, Hose                          |
| 656    | 820962  |     | GASKET, Water Pipe                   |
| 698    | 825558  |     | PIPE-WATER                           |
| 1054   | 280275  |     | TIE, Cable                           |
| 1262A  | 825540  |     | LINE, Water                          |
| 1262B  | 825541  |     | LINE, Water                          |
| 1268   | 825539  |     | PIPE, Oil Inlet                      |
| 1283   | 820954  |     | SCREW<br>-(Oil Inlet Pipe)           |
| 1284   | 820948  |     | SCREW<br>-(Oil Inlet Pipe)           |
| 1285   | 820023  |     | SCREW<br>-(Oil Inlet Pipe)           |
| 1286   | 820069  |     | NUT<br>-(Water Pipe)                 |
| 1287   | 820023  |     | SCREW<br>-(Water Pipe)               |



| REF. NO. | PART NO. | DESCRIPTION                                                                                            | REF. NO. | PART NO. | DESCRIPTION                                                                                                         | REF. NO. | PART NO. | DESCRIPTION               |
|----------|----------|--------------------------------------------------------------------------------------------------------|----------|----------|---------------------------------------------------------------------------------------------------------------------|----------|----------|---------------------------|
| 291      | 825064   | Thermostat                                                                                             | 668A     | 820218   | Spacer<br>(Radiator Fan)<br>(15mm)                                                                                  | 1062     | 820093   | Gasket-<br>Outlet Housing |
| 323      | 821075   | Belt-Vee<br>(940mm)                                                                                    |          |          | ----- Note -----                                                                                                    | 1063     | 820095   | Pulley-Pump               |
| 368      | 820208   | Switch-<br>Water Temperature                                                                           |          |          | 820841 Spacer<br>(Radiator Fan)<br>(10mm)                                                                           | 1064     | 825519   | Housing-Outlet            |
| 415B     | 820182   | Plug<br>(Water Pump)                                                                                   | 839      | 825446   | Fan-Radiator<br>(350mm)<br>Used on Type No(s).<br>0210, 0310, 0335,<br>0376, 0476.                                  | 1065     | 820098   | Gasket-Inlet Housing      |
| 415C     | 820052   | Plug<br>(Outlet Housing)                                                                               |          |          | ----- Note -----                                                                                                    | 1066     | 825520   | Housing-Inlet             |
| 519      | 820030   | Screw<br>(Radiator Fan)<br>Used on Type No(s).<br>0201, 0209, 0210,<br>0301, 0309, 0310,<br>0376 0476. |          |          | 821013 Fan-Radiator<br>(340mm)<br>Used on Type No(s).<br>0205, 0225, 0231,<br>0234, 0305, 0325,<br>0334, 0381,0481. | 1067     | 820100   | Gasket-Water Pump         |
|          |          | ----- Note -----                                                                                       |          |          | 825644 Fan-Radiator<br>(360mm)<br>Used on Type No(s).<br>0201, 0209, 0301.                                          | 1068     | 825045   | Hose/Clamp Assembly       |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1087     | 825639   | Pump-Water                |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1185     | 820031   | Screw<br>(Outlet Housing) |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1186     | 820022   | Screw<br>(Water Pump)     |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1187     | 820181   | Nut<br>(Water Pump)       |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1188     | 820031   | Screw<br>(Inlet Housing)  |
|          |          |                                                                                                        |          |          |                                                                                                                     | 1193     | 820185   | Screw<br>(Thermostat)     |

### ***Water Pump, Radiator Fan, Fan Belt***

| REF NO | PART NO | QTY | DESCRIPTION                |
|--------|---------|-----|----------------------------|
| 291    | 825064  |     | THERMOSTAT                 |
| 323    | 821075  |     | BELT, Vee<br>-(940mm)      |
| 368    | 820208  |     | SWITCH, Water Temperature  |
| 415B   | 820182  |     | PLUG                       |
| 415C   | 820052  |     | PLUG<br>-(Outlet Housing)  |
| 519    | 820030  |     | SCREW<br>-(Radiator Fan)   |
| 601    | 820256  |     | CLAMP, Hose                |
| 668A   | 820218  |     | SPACER<br>-(15mm)          |
| 839    | 825446  |     | FAN, Radiator<br>-(350mm)  |
| 1062   | 820093  |     | GASKET, Outlet Housing     |
| 1063   | 820095  |     | PULLEY, Pump               |
| 1064   | 825519  |     | HOUSING, Outlet            |
| 1065   | 820098  |     | GASKET, Inlet Housing      |
| 1066   | 825520  |     | HOUSING, Inlet             |
| 1067   | 820100  |     | GASKET, Water Pump         |
| 1068   | 825045  |     | HOSE/CLAMP ASSEMBLY        |
| 1087   | 825639  |     | PUMP, Water                |
| 1185   | 820031  |     | SCREW<br>-(Outlet Housing) |
| 1186   | 820022  |     | SCREW<br>-(Water Pump)     |
| 1187   | 820181  |     | NUT<br>-(Water Pump)       |
| 1188   | 820031  |     | SCREW<br>-(Inlet Housing)  |
| 1193   | 820185  |     | SCREW<br>-(Thermostat)     |

