



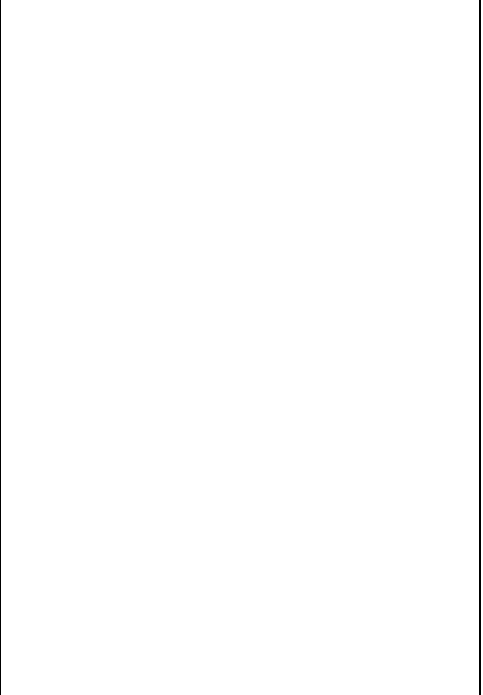
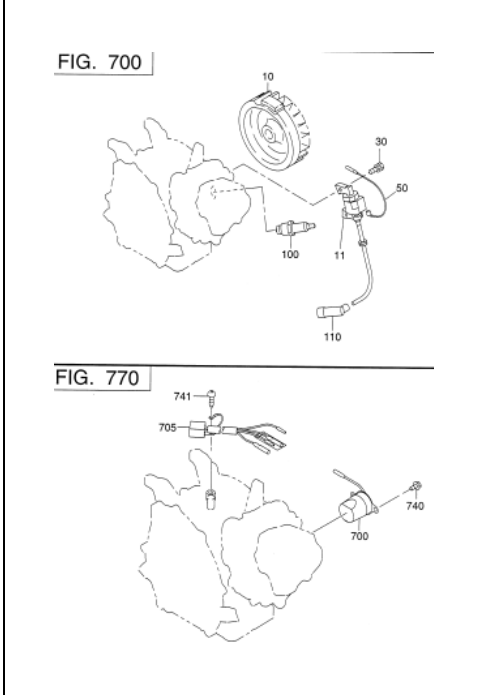
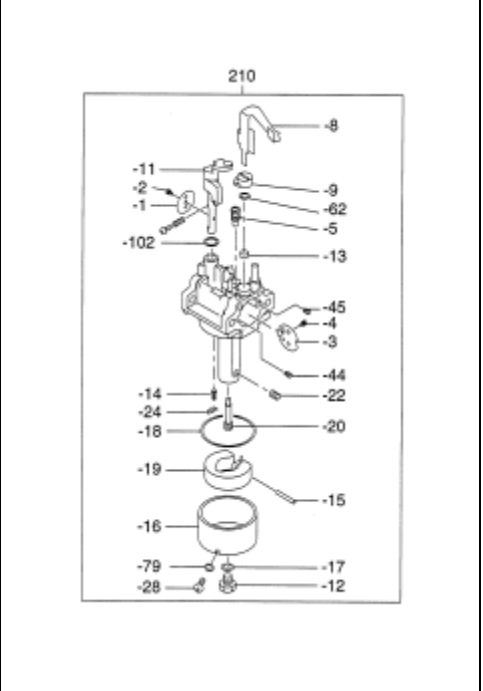
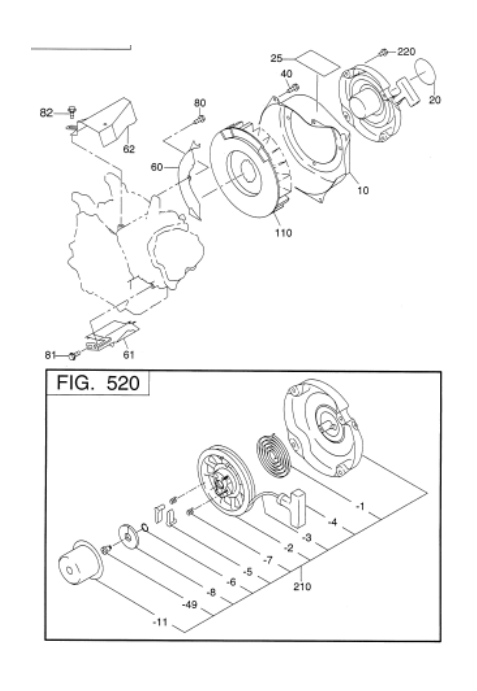
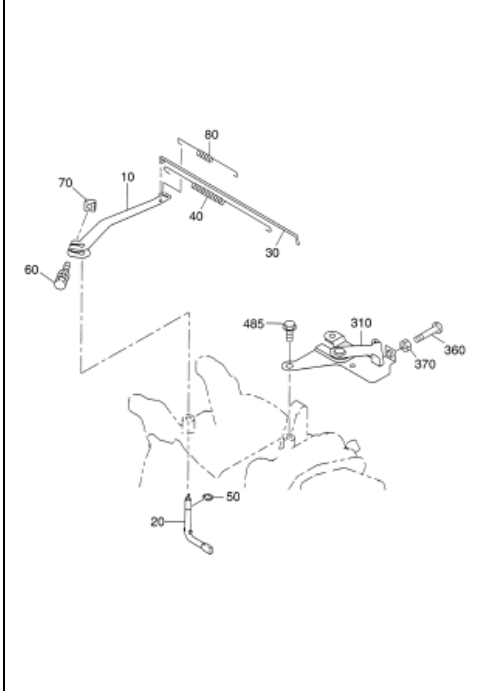
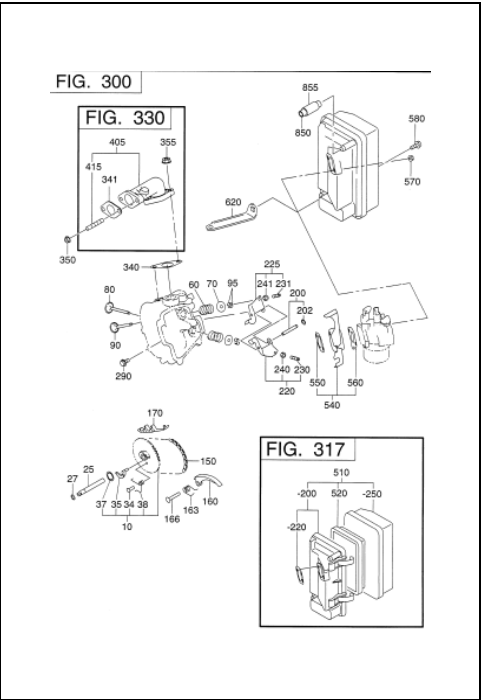
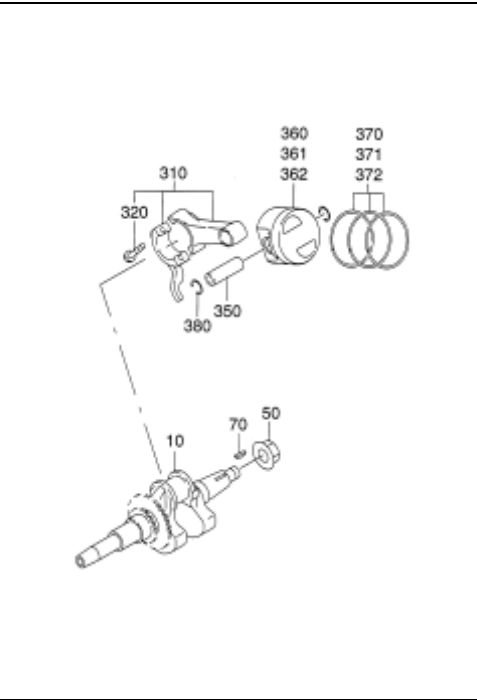
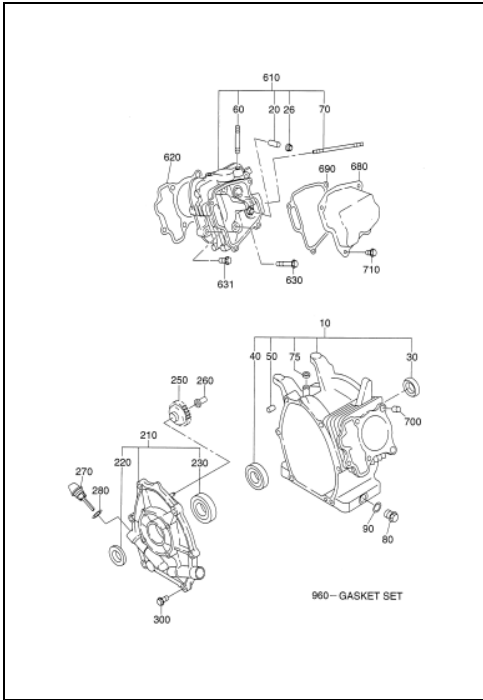
**Robin Generator**

**Model RG3500L**  
**For ARB**  
**PARTS CATALOG**

**Spec. No. RGE32053010**  
**(E/G Spec.No. EX210D20120)**

**富士重工業株式会社**  
**FUJI HEAVY INDUSTRIES LTD.**

|                         |               |
|-------------------------|---------------|
| <b>ISSUE EMD-GP6040</b> |               |
| <b>ISSUE DATE</b>       | <b>2004.5</b> |



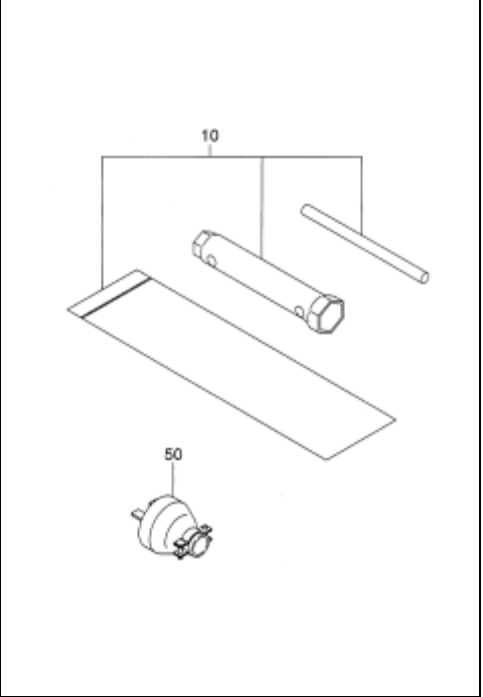
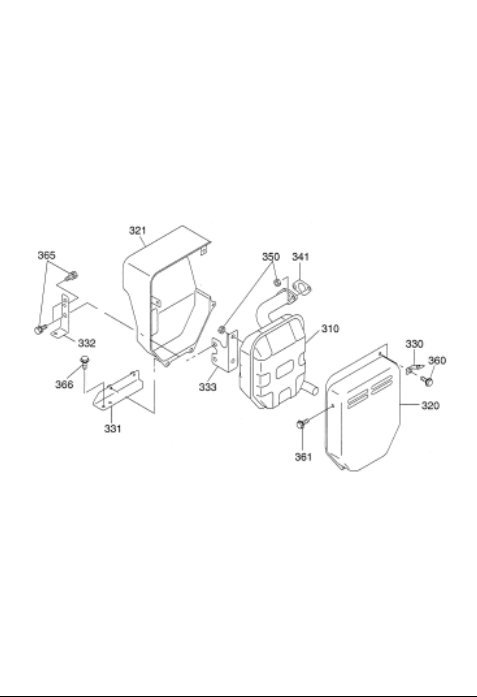
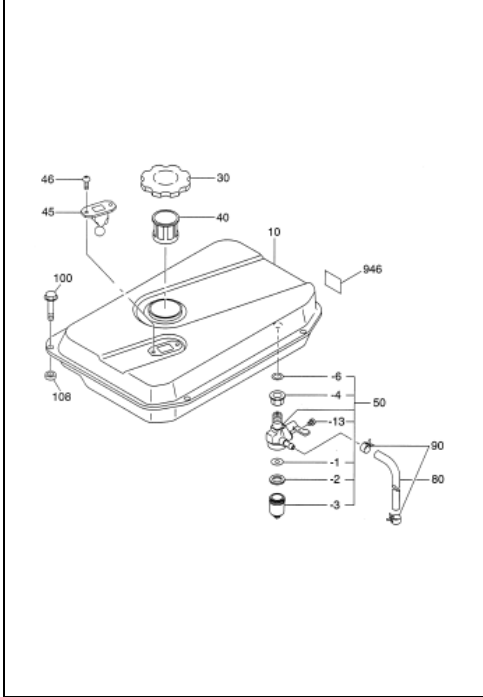
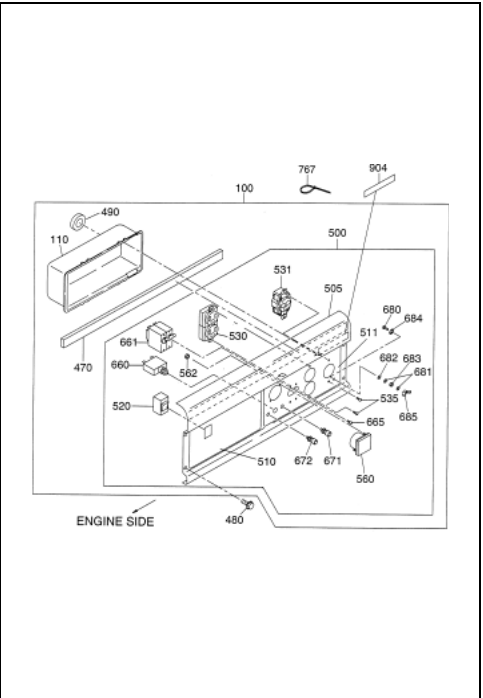
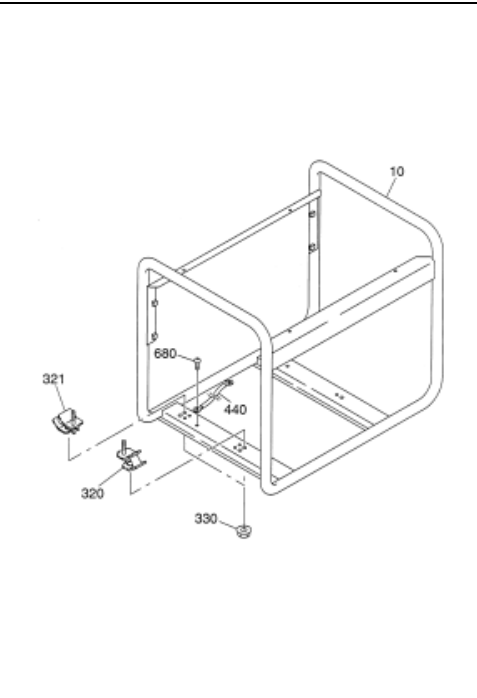
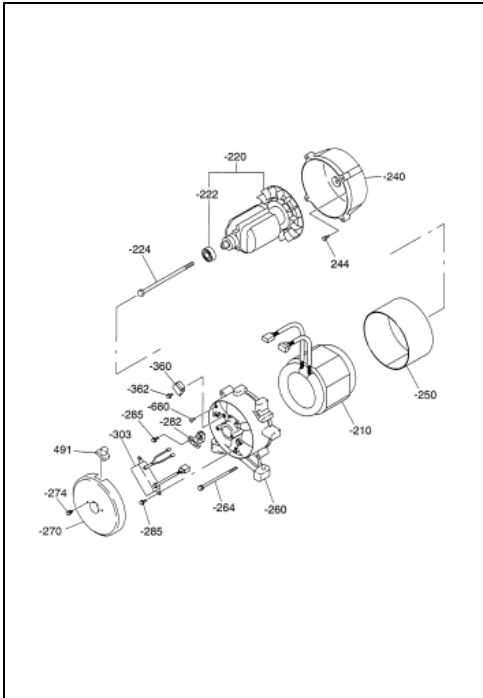
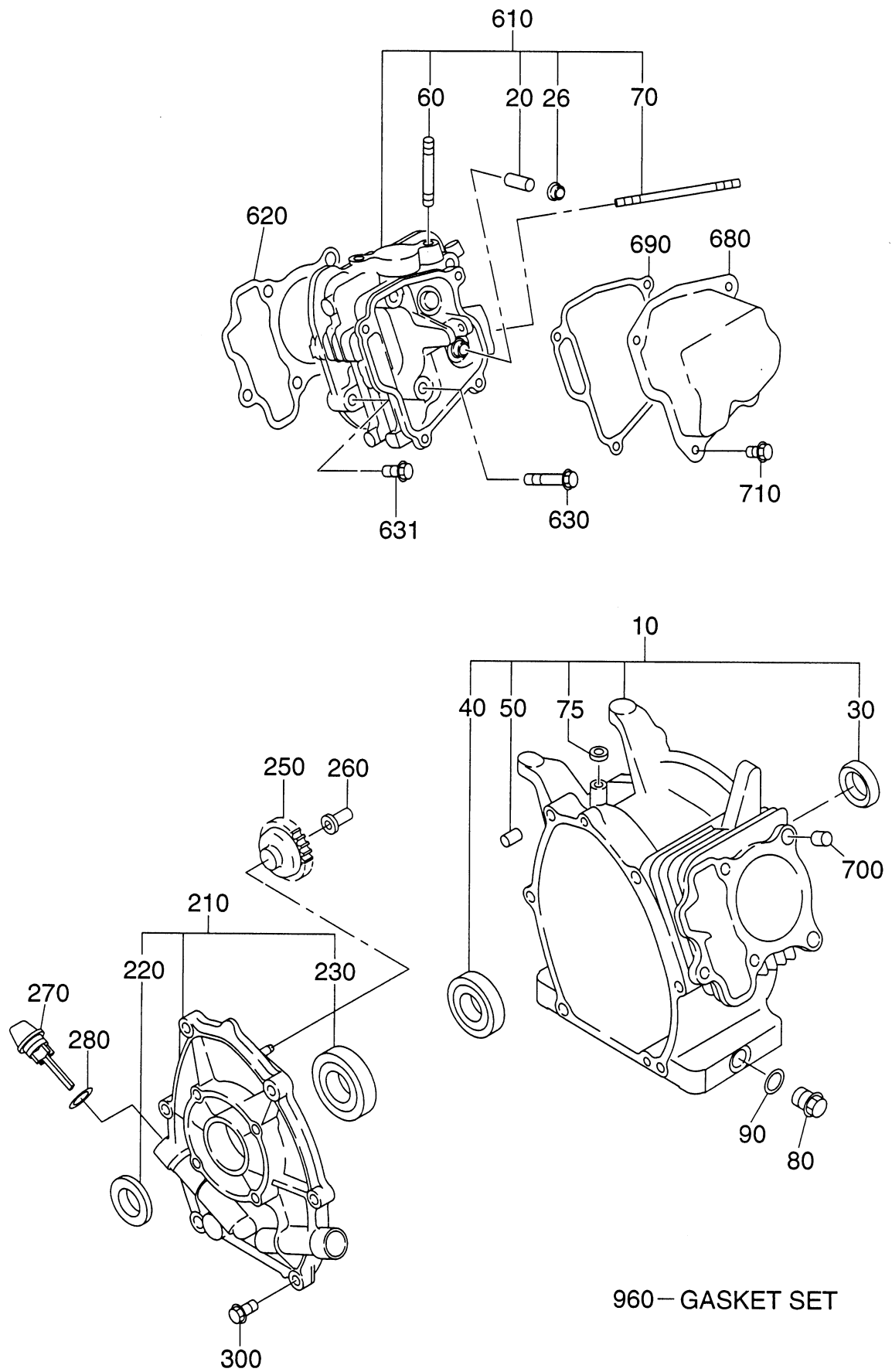


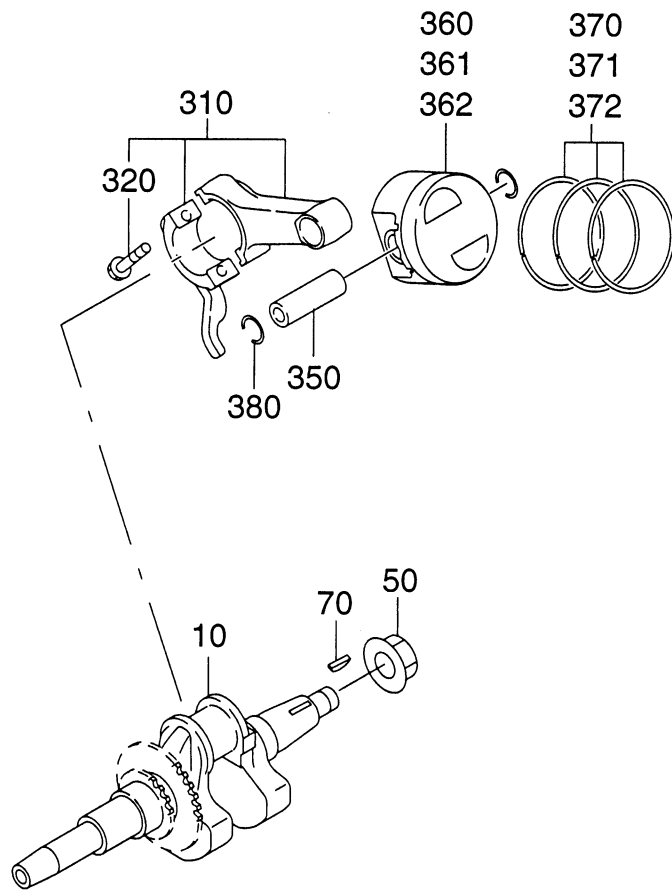
FIG. 100



# 1 CRANK CASE

| REF. | PART NUMBER  | PART NAME             | QTY | REMARKS             | CODE NO.<br>FROM-TO | INTERCHANGEABLE<br>PART NUMBER | UNIT<br>PRICE | FIG. |
|------|--------------|-----------------------|-----|---------------------|---------------------|--------------------------------|---------------|------|
| 10   | 278-10102-41 | CRANK CASE CP         | 1   | W/OIL SENSOR        | -                   |                                |               | 100  |
| 20   | 237-14202-03 | VALVE GUIDE           | 2   | 5.5DX9.5DX27L       | -                   |                                |               | 100  |
| 26   | 277-16010-01 | STEM SEAL             | 1   | 5.5DX9.5DX15DX7.8B  | -                   |                                |               | 100  |
| 30   | 044-02502-00 | OIL SEAL              | 1   | 25DX38DX7B          | -                   |                                |               | 100  |
| 40   | 060-02800-21 | BALL BEARING          | 1   | 62/28 28DX58DX16B   | -                   |                                |               | 100  |
| 50   | 277-15011-03 | PIPE KNOCK            | 2   | 10.3DX8.5DX14L      | -                   |                                |               | 100  |
| 60   | 010-50802-90 | STUD                  | 2   | M8X1.25X30L         | -                   |                                |               | 100  |
| 70   | 010-50603-51 | STUD                  | 2   | M6X1.0X98L          | -                   |                                |               | 100  |
| 75   | 044-00600-20 | OIL SEAL              | 1   | 6DX10DX2.5B         | -                   |                                |               | 100  |
| 80   | 040-11400-30 | PLUG                  | 2   | M14X1.5X20DX12L     | -                   |                                |               | 100  |
| 90   | 021-11400-20 | GASKET                | 2   | 14.1DX19DX2.3T      | -                   |                                |               | 100  |
| 210  | 277-11002-21 | MAIN BEARING COVER C  | 1   | FLANGE 4-5/16-24UNF | -                   |                                |               | 100  |
| 220  | 044-02502-10 | OIL SEAL              | 1   | 25DX41.25DX6B       | -                   |                                |               | 100  |
| 230  | 060-02501-40 | BALL BEARING          | 1   | 6205 25DX52DX15B    | -                   |                                |               | 100  |
| 250  | 277-45004-H1 | GOVERNOR GEAR CP      | 1   | 53DX29.1T N=33      | -                   |                                |               | 100  |
| 260  | 277-41901-03 | GOVERNOR SLEEVE       | 1   | 6DX7.6DX16DX26L     | -                   |                                |               | 100  |
| 270  | 277-63601-13 | OIL GAUGE             | 2   | M18X1.5 L=70+18     | -                   |                                |               | 100  |
| 280  | 021-31600-20 | GASKET                | 2   | 16DX23DX1.2T RUBBER | -                   |                                |               | 100  |
| 300  | 001-04083-50 | FLANGE BOLT           | 6   |                     | -                   |                                |               | 100  |
| 610  | 278-13002-11 | CYLINDER HEAD CP      | 1   |                     | -                   |                                |               | 100  |
| 620  | 277-15001-23 | GASKET (HEAD)         | 1   | T=0.2               | -                   |                                |               | 100  |
| 630  | 011-00802-40 | FLANGE BOLT           | 4   | M8X1.25X16DX68L     | -                   |                                |               | 100  |
| 631  | 011-00803-10 | FLANGE BOLT           | 1   | M8X1.25X16DX33L     | -                   |                                |               | 100  |
| 680  | 277-15501-01 | ROCKER COVER CP       | 1   |                     | -                   |                                |               | 100  |
| 690  | 277-16001-13 | GASKET (ROCKER COVER) | 1   | T=0.5               | -                   |                                |               | 100  |
| 700  | 277-15011-03 | PIPE KNOCK            | 2   | 10.3DX8.5DX14L      | -                   |                                |               | 100  |
| 710  | 011-00600-20 | FLANGE BOLT           | 4   | M6X1.0X14DX12L      | -                   |                                |               | 100  |
| 960  | 277-99001-27 | GASKET SET            | 1   |                     | -                   |                                |               | 100  |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |
|      |              |                       |     |                     |                     |                                |               |      |

FIG. 200



## 2 CRANKSHAFT, PISTON

[illegible]

FIG. 300

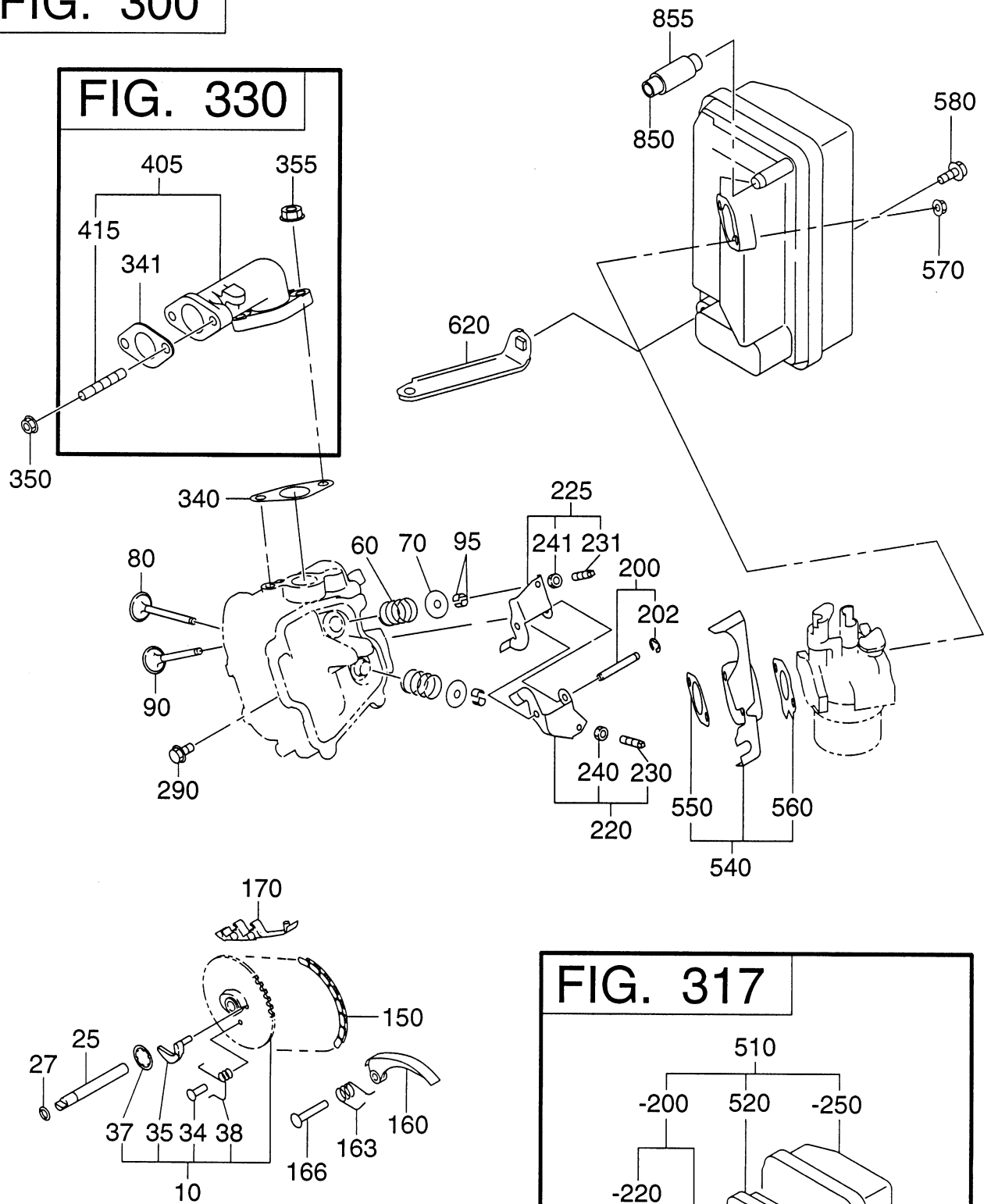
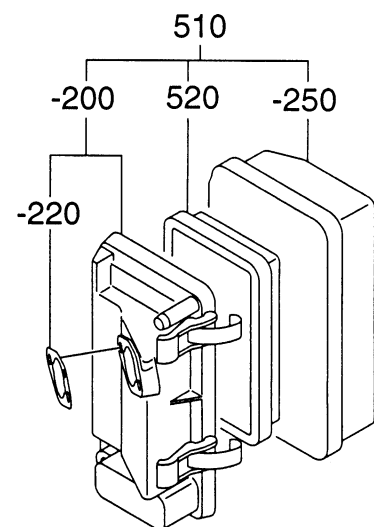


FIG. 317



### 3 INTAKE EXHAUST

| REF. | PART NUMBER  | PART NAME         | QTY | REMARKS                  | CODE NO.<br>FROM-TO | INTERCHANGEABLE<br>PART NUMBER | UNIT<br>PRICE | FIG. |
|------|--------------|-------------------|-----|--------------------------|---------------------|--------------------------------|---------------|------|
| 10   | 278-31601-11 | CAM SHAFT CP      | 1   | 85DX2. 9B N=40           | -                   |                                |               | 300  |
| 25   | 277-35101-03 | PIN(CAM SHAFT)    | 1   | 9DX78. 5L                | -                   |                                |               | 300  |
| 27   | 024-00600-10 | O RING            | 1   | 5. 8DX9. 6D              | -                   |                                |               | 300  |
| 34   | 277-38601-03 | PIN(SPRING)       | 1   | 4DX8DX9L                 | -                   |                                |               | 300  |
| 35   | 277-36401-03 | RELEASE LEVER     | 1   |                          | -                   |                                |               | 300  |
| 37   | 277-36501-03 | CLIP              | 1   | 13. 8DX20. 3DX0. 4T      | -                   |                                |               | 300  |
| 38   | 279-38701-13 | RETURN SPRING     | 1   | 5. 3DX0. 6DX5. 5L N=5. 7 | -                   |                                |               | 300  |
| 60   | 279-33601-03 | VALVE SPRING      | 2   | 19. 2DX2. 3DX27. 4L      | -                   |                                |               | 300  |
| 70   | 269-33701-03 | SPRING RETAINER   | 2   |                          | -                   |                                |               | 300  |
| 80   | 277-33401-H3 | INTAKE VALVE      | 1   |                          | -                   |                                |               | 300  |
| 90   | 277-33501-H3 | EXHAUST VALVE     | 1   |                          | -                   |                                |               | 300  |
| 95   | 132-10KA0-31 | COLLET-VALVE      | 4   |                          | -                   |                                |               | 300  |
| 150  | 278-35601-11 | TIMING CHAIN CP   | 1   | 92 LINK                  | -                   |                                |               | 300  |
| 160  | 277-36911-03 | TENTIONER         | 1   |                          | -                   |                                |               | 300  |
| 163  | 277-37101-03 | SPRING(TENTIONER) | 1   | 10DX1. 8DX14L N=4. 5     | -                   |                                |               | 300  |
| 166  | 277-36902-03 | PIN(TENTIONER)    | 1   | 6DX13DX34L               | -                   |                                |               | 300  |
| 170  | 277-36913-13 | CHAIN GUIDE       | 1   |                          | -                   |                                |               | 300  |
| 200  | 277-35002-01 | PIN(ROCKER) CP    | 1   |                          | -                   |                                |               | 300  |
| 202  | 003-13050-00 | CLIP              | 1   |                          | -                   |                                |               | 300  |
| 220  | 277-36201-00 | ROCKER ARM(IN) AY | 1   |                          | -                   |                                |               | 300  |
| 225  | 277-36202-00 | ROCKER ARM(EX) AY | 1   |                          | -                   |                                |               | 300  |
| 230  | 014-90500-20 | ADJUST SCREW      | 1   | M5X0. 5X23L              | -                   |                                |               | 300  |
| 231  | 014-90500-20 | ADJUST SCREW      | 1   | M5X0. 5X23L              | -                   |                                |               | 300  |
| 240  | 017-00500-30 | NUT               | 1   | M5X0. 5X4. 1H            | -                   |                                |               | 300  |
| 241  | 017-00500-30 | NUT               | 1   | M5X0. 5X4. 1H            | -                   |                                |               | 300  |
| 290  | 011-00600-20 | FLANGE BOLT       | 1   | M6X1. 0X14DX12L          | -                   |                                |               | 300  |
| 340  | 277-35201-13 | GASKET(MUFFLER)   | 1   | T=0. 2 26D 9DX58P        | -                   |                                |               | 300  |
| 341  | 263-35201-A1 | GASKET EXHAUST    | 1   | T=1. 6 28D 8. 5DX52P     | -                   |                                |               | 330  |
| 350  | 980-20082-80 | FLANGE NUT        | 2   |                          | -                   |                                |               | 300  |
| 355  | 980-20082-80 | FLANGE NUT        | 2   |                          | -                   |                                |               | 330  |
| 405  | 277-34001-01 | EXHAUST PIPE CP   | 1   |                          | -                   |                                |               | 330  |
| 415  | 010-50802-90 | STUD              | 2   | M8X1. 25X30L             | -                   |                                |               | 330  |
| 510  | 277-32622-20 | AIR CLEANER AY    | 1   | GENERATOR                | -                   |                                |               | 317  |
| -200 | 277-32632-08 | BACE CP           | 1   |                          | -                   |                                |               | 317  |
| -220 | 277-32604-08 | PACKING           | 1   |                          | -                   |                                |               | 317  |
| -250 | 277-32643-18 | COVER CP          | 1   |                          | -                   |                                |               | 317  |

FIG. 300

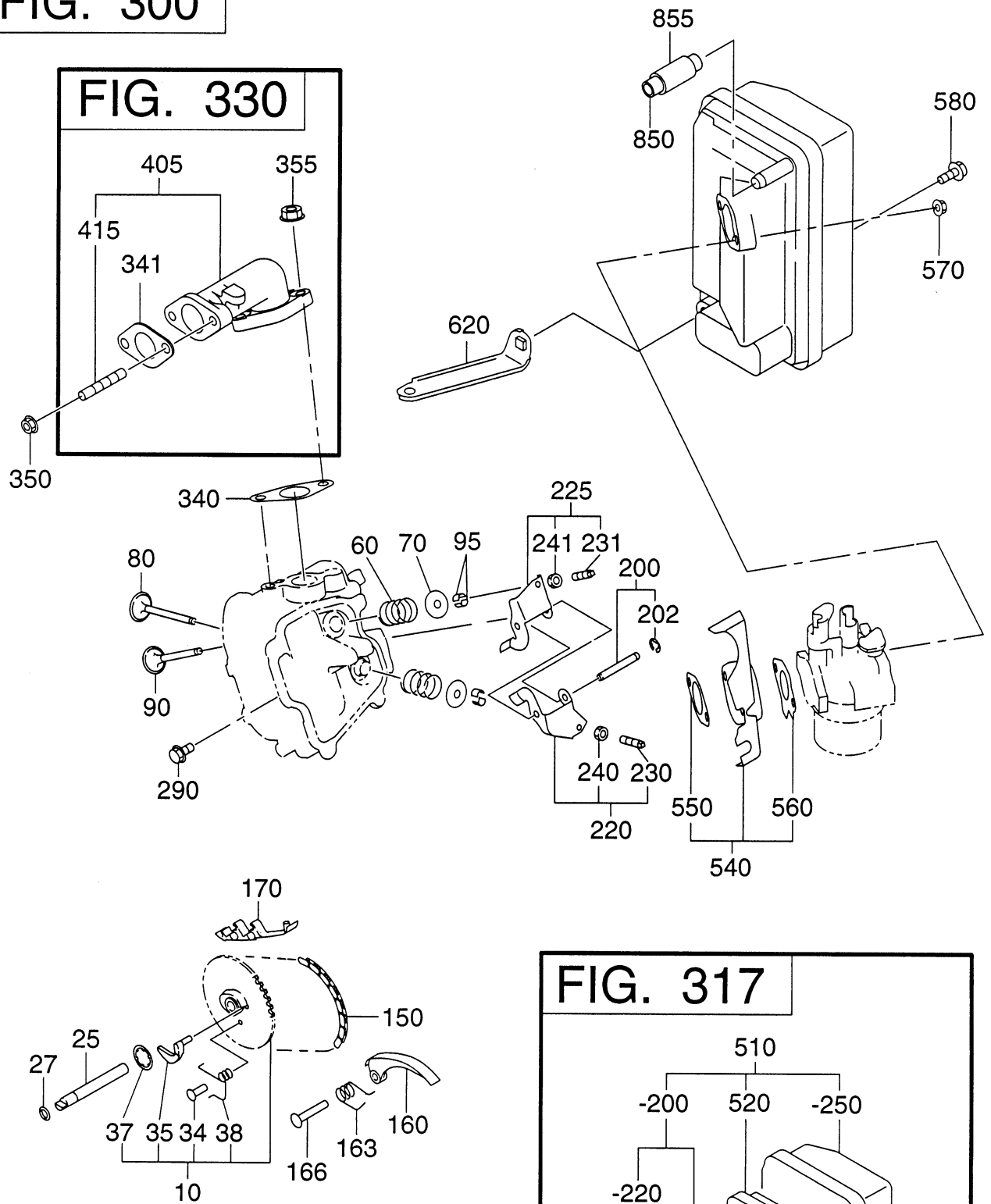
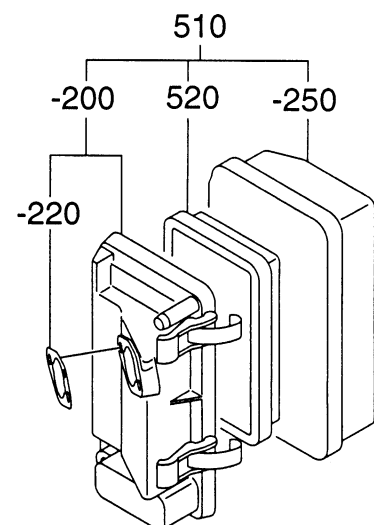


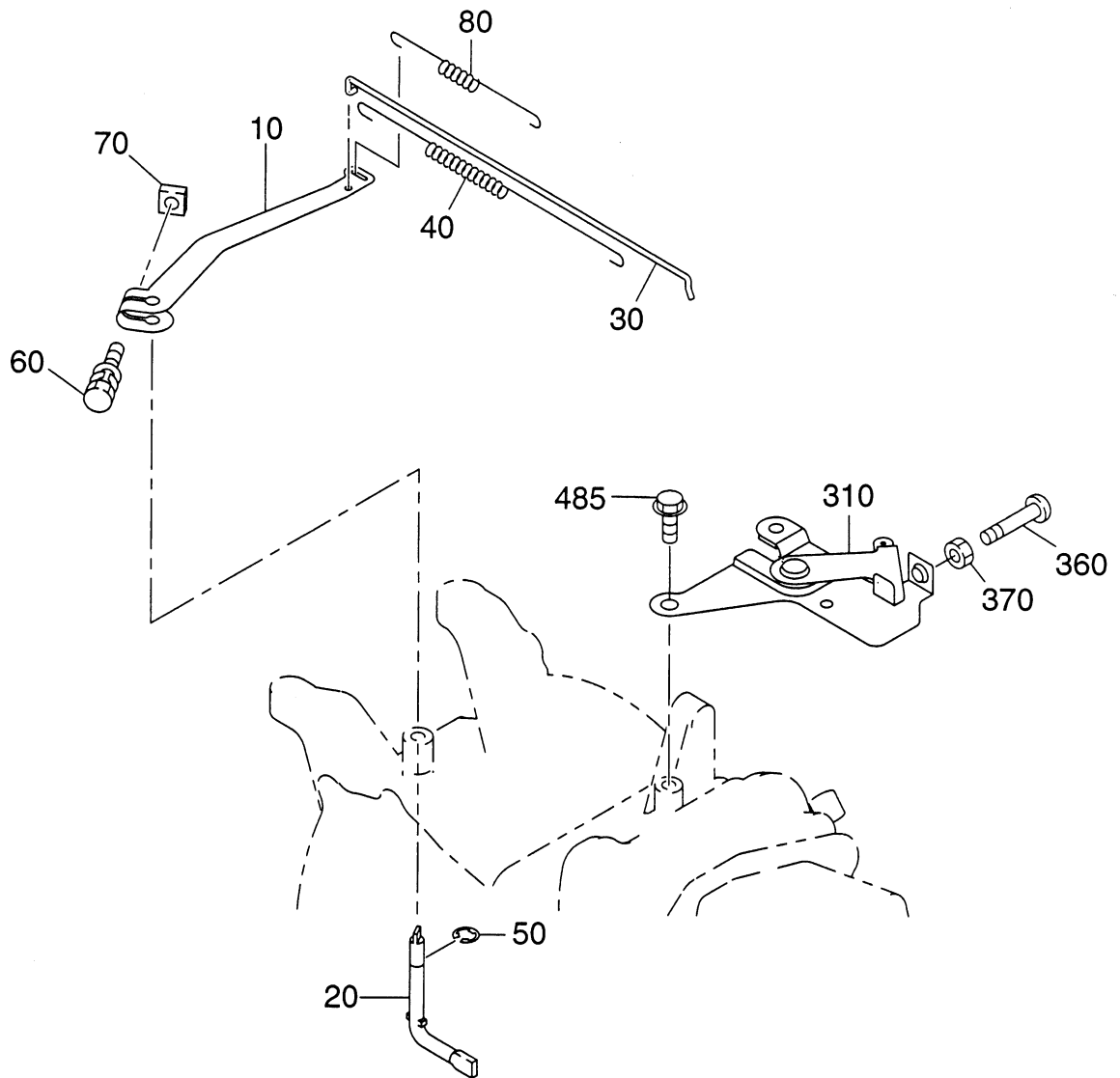
FIG. 317



### 3 INTAKE EXHAUST

[illegible]

FIG. 400



## 4 GOVERNOR OPERATION

[illegible]

FIG. 500

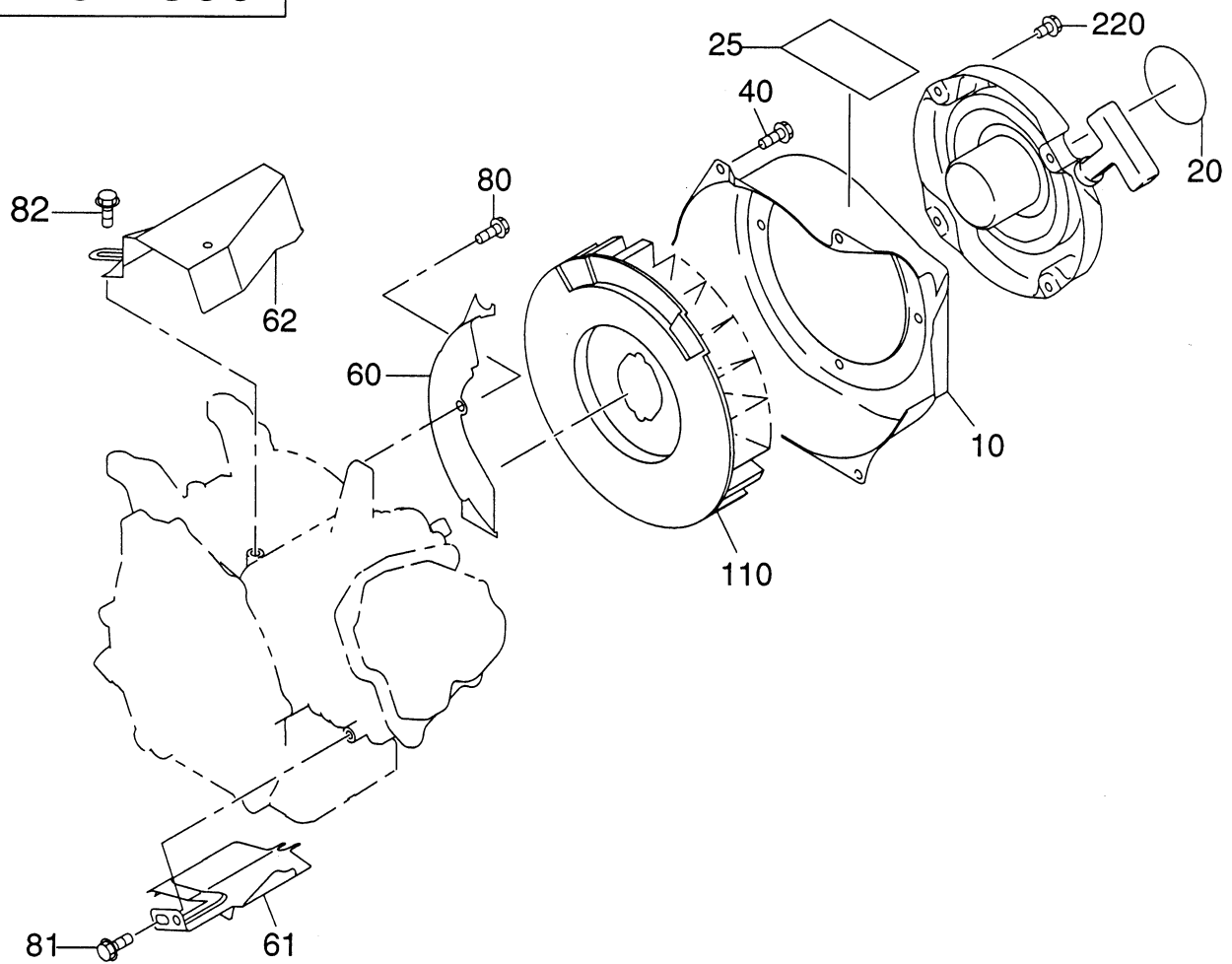
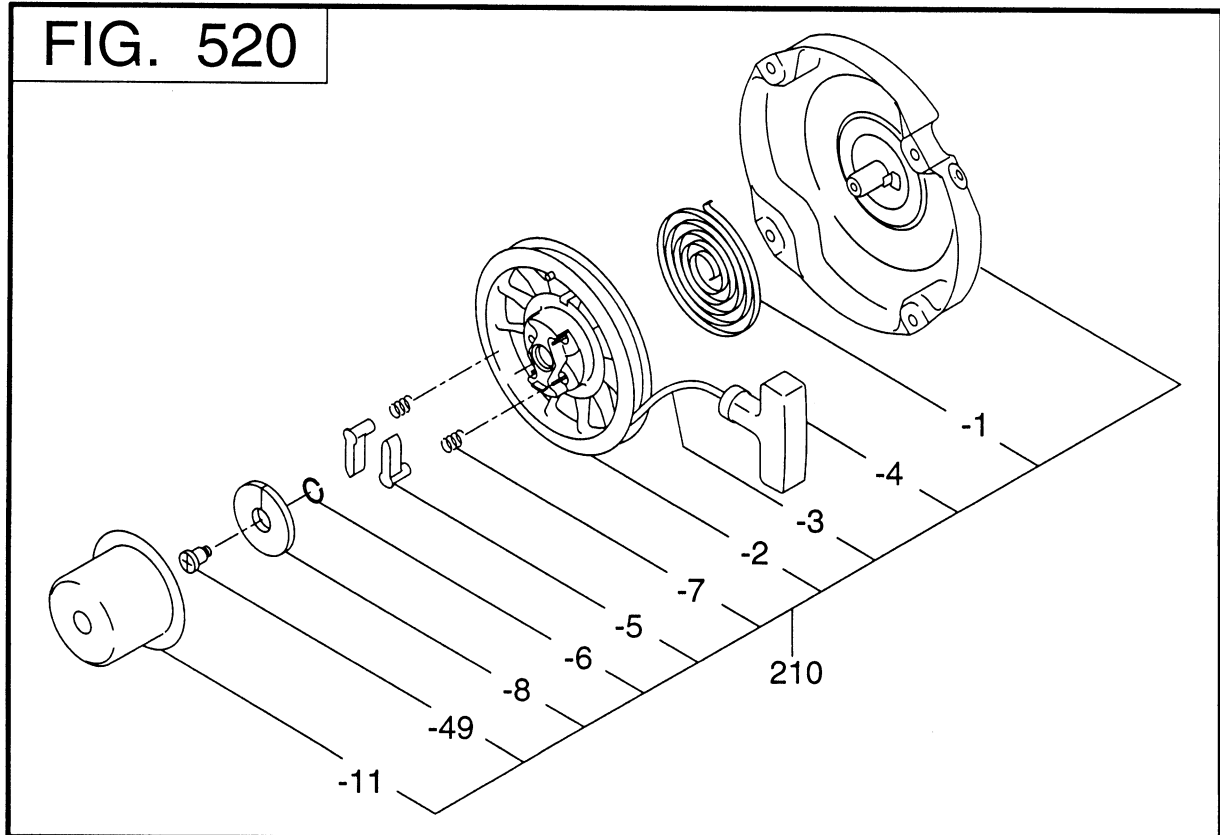


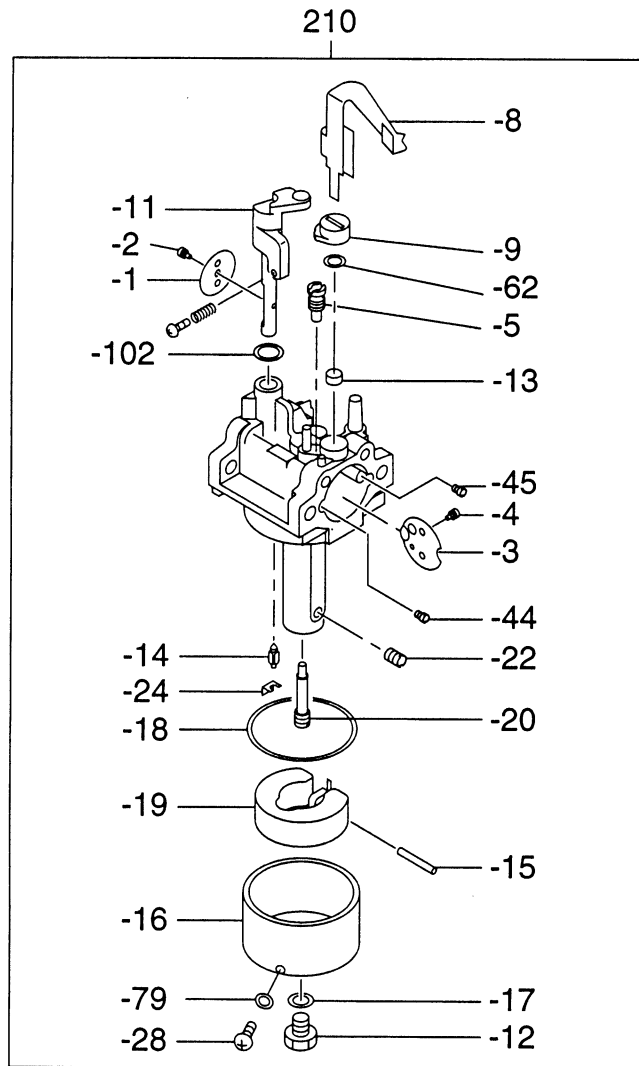
FIG. 520



## 5 COOLING STARTING

[illegible]

FIG. 640



## 6 FUEL LUBRICANT

[illegible]

EX210D20120

FIG. 700

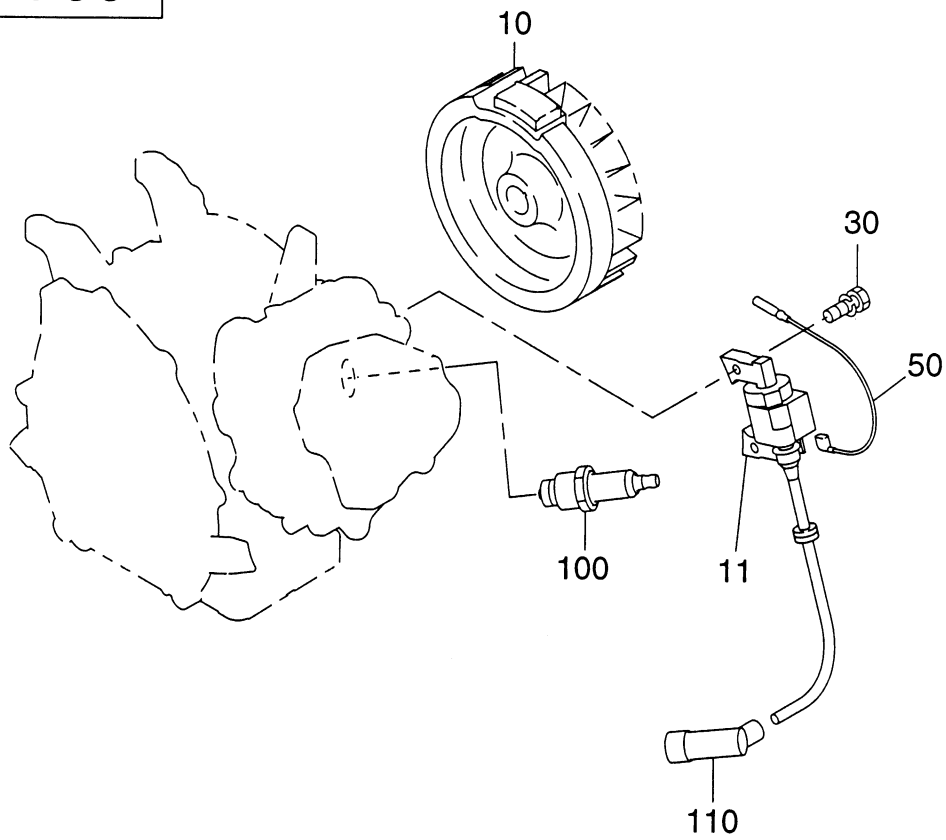
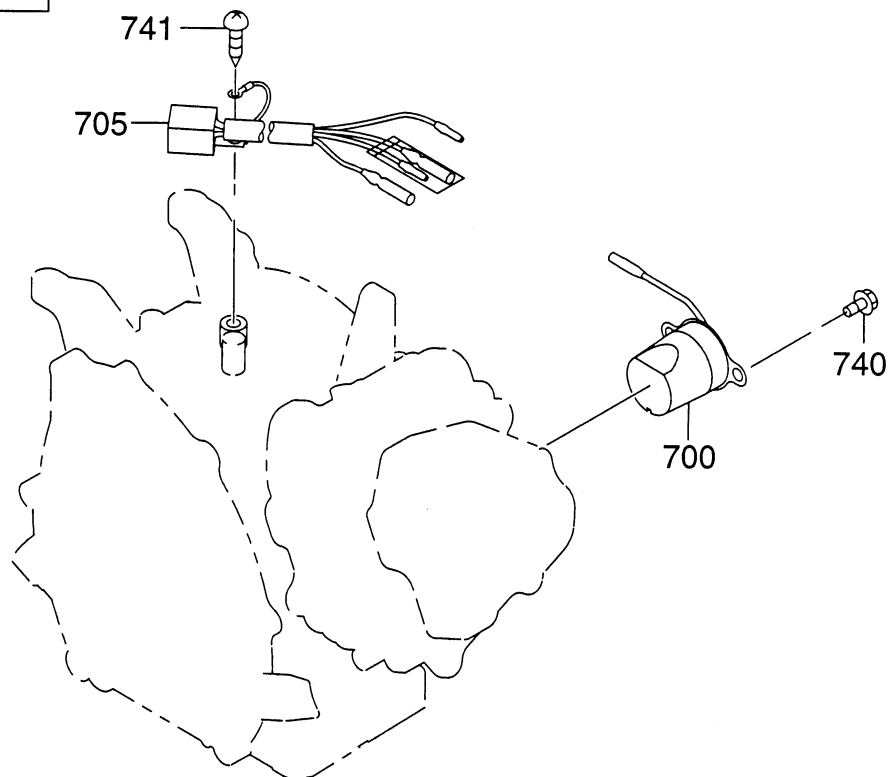


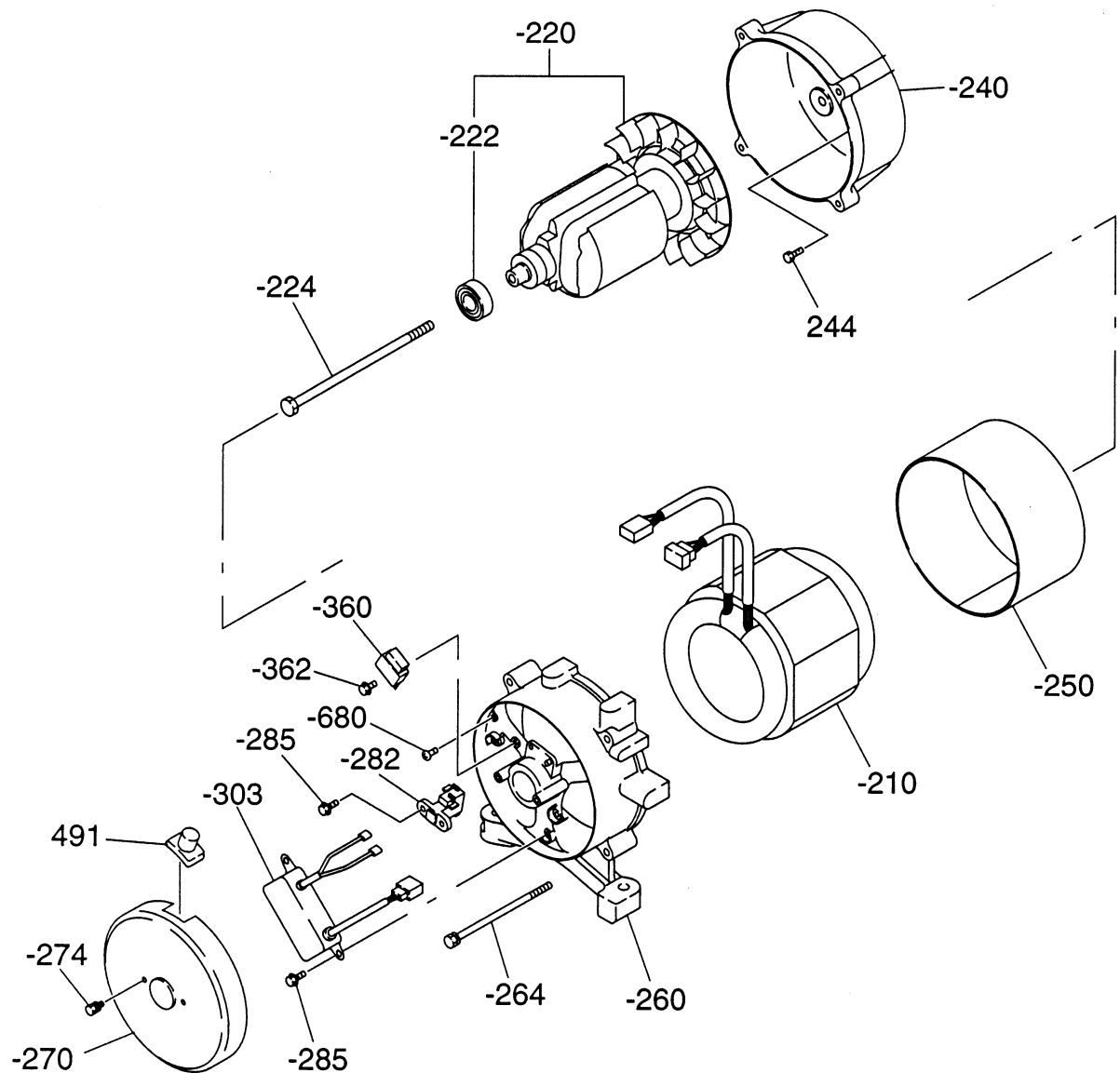
FIG. 770



## 7 ELECTRIC DEVICE

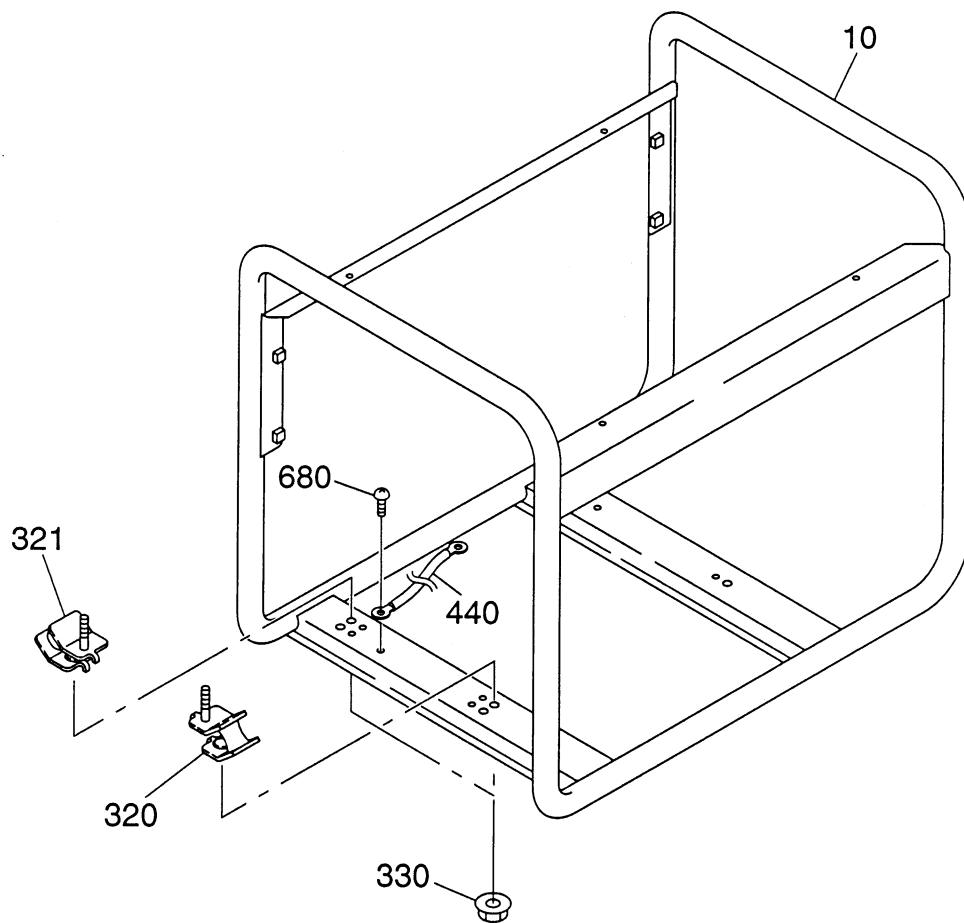
[illegible]

FIG. 2200



[illegible]

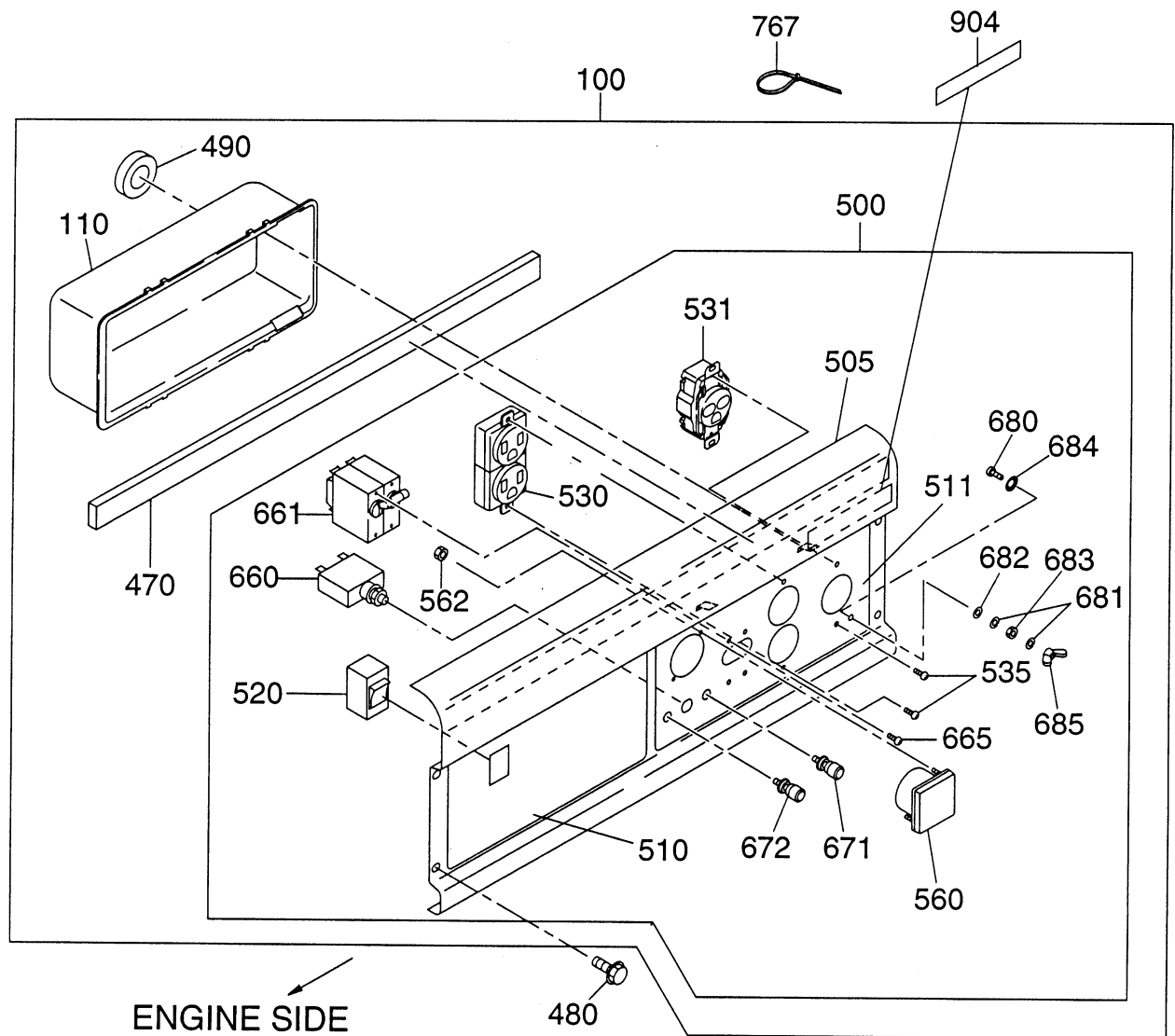
FIG. 2300



[illegible]

FIG. 2400

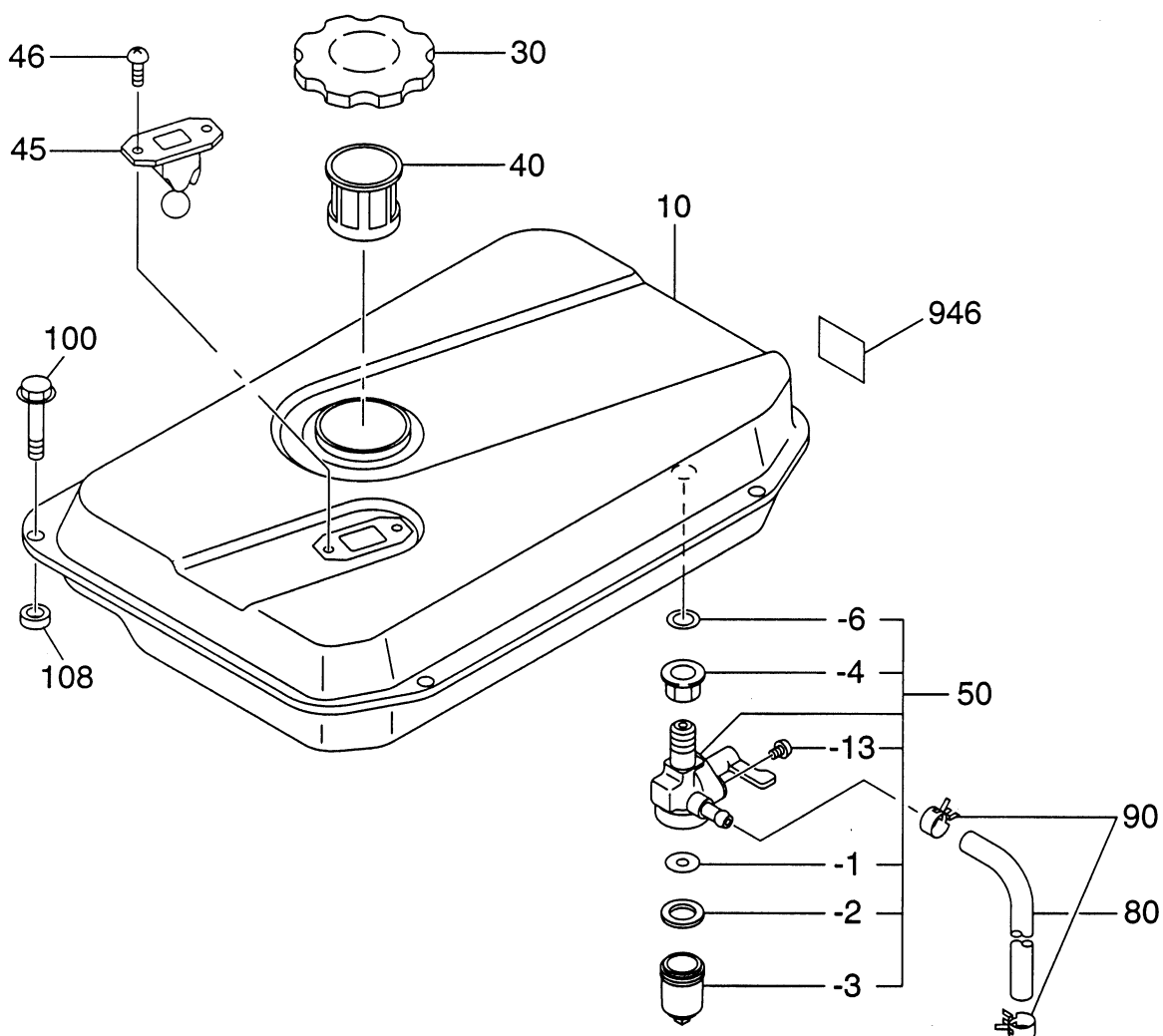
60Hz 120/240V ARB



## 2 4 CONTROL

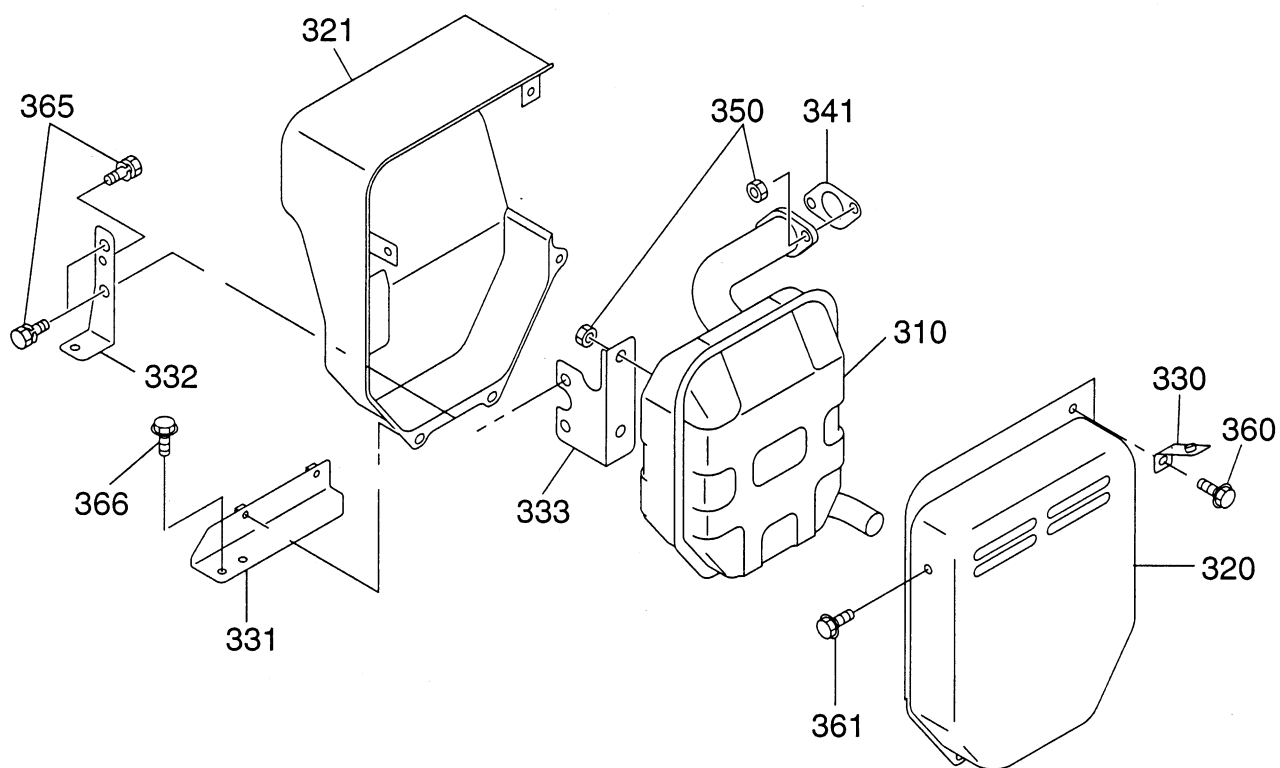
| REF. | PART NUMBER  | PART NAME           | QTY | REMARKS         | CODE NO.<br>FROM-TO | INTERCHANGEABLE<br>PART NUMBER | UNIT<br>PRICE | FIG. |
|------|--------------|---------------------|-----|-----------------|---------------------|--------------------------------|---------------|------|
| 100  | 32C-40231-30 | CONTROL BOX AY      | 1   |                 | -                   |                                |               | 2400 |
| 110  | 32B-43011-03 | COVER               | 1   |                 | -                   |                                |               | 2400 |
| 470  | 32B-49501-13 | SPONGE (20X521X6)   | 1   |                 | -                   |                                |               | 2400 |
| 480  | 011-00600-80 | FLANGE BOLT         | 4   | M6X1.0X14DX12L  | -                   |                                |               | 2400 |
| 490  | 024-13600-20 | GROMMET             | 1   |                 | -                   |                                |               | 2400 |
| 500  | 32C-41231-20 | CONTROL PANEL AY    | 1   |                 | -                   |                                |               | 2400 |
| 505  | 32B-41221-11 | PANEL PLATE CP      | 1   |                 | -                   |                                |               | 2400 |
| 510  | 32C-90001-13 | SHEET(PANEL)1       | 1   |                 | -                   |                                |               | 2400 |
| 511  | 32B-90007-03 | SHEET(PANEL)7       | 1   | 115X253 ENGLISH | -                   |                                |               | 2400 |
| 520  | 32B-43051-03 | SWITCH              | 1   | AC250V 10A RED  | -                   |                                |               | 2400 |
| 530  | 343-11362-18 | AC CONCENT          | 1   | AC125V 15AX2    | -                   |                                |               | 2400 |
| 531  | 378-45738-08 | AC CONCENT          | 1   | AC250V 15A      | -                   |                                |               | 2400 |
| 535  | 004-35041-00 | SCREW AND WASHER AY | 4   |                 | -                   |                                |               | 2400 |
| 560  | 391-47802-01 | AC VOLT METER       | 1   | 100V CLASS      | -                   |                                |               | 2400 |
| 562  | 002-17030-00 | NUT                 | 2   |                 | -                   |                                |               | 2400 |
| 660  | 32B-43023-03 | CIRCUIT BREAKER     | 1   | AC250V 10A      | -                   |                                |               | 2400 |
| 661  | 32B-43183-01 | CIRCUIT BREAKER     | 1   | AC250V 12A      | -                   |                                |               | 2400 |
| 665  | 004-35030-60 | SCREW AND WASHER AY | 4   |                 | -                   |                                |               | 2400 |
| 671  | 363-45701-08 | TERMINAL BOLT       | 1   | RED 20A         | -                   |                                |               | 2400 |
| 672  | 363-45700-08 | TERMINAL BOLT       | 1   | BLACK 20A       | -                   |                                |               | 2400 |
| 680  | 388-88001-03 | SCREW AND WASHER AY | 1   |                 | -                   |                                |               | 2400 |
| 681  | 332-00050-08 | SPRING WASHER       | 2   |                 | -                   |                                |               | 2400 |
| 682  | 353-49903-08 | WASHER              | 1   |                 | -                   |                                |               | 2400 |
| 683  | 353-49902-08 | NUT                 | 1   |                 | -                   |                                |               | 2400 |
| 684  | 003-30050-00 | LOCK WASHER         | 1   |                 | -                   |                                |               | 2400 |
| 685  | 353-49901-08 | WING NUT            | 1   |                 | -                   |                                |               | 2400 |
| 767  | 056-30000-20 | WIRE BAND           | 1   | 2.5BX1.2TX100L  | -                   |                                |               | 2400 |
| 904  | 32C-90105-13 | LABEL(SPEC)         | 1   |                 | -                   |                                |               | 2400 |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |
|      |              |                     |     |                 |                     |                                |               |      |

FIG. 2600



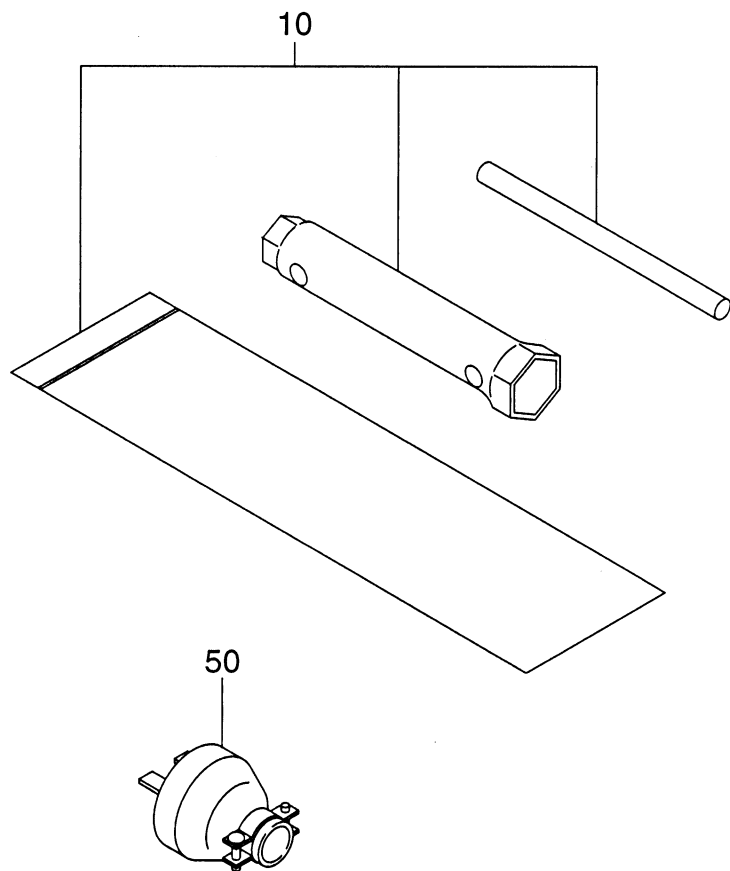
[illegible]

FIG. 2700



[illegible]

FIG. 2900



## 29 ACCESSORIES

[illegible]