



## **Model EY20-3**

# **PARTS CATALOG**

**Spec. No. EY203D00000**

**Spec. No. EY203D00210**

**Spec. No. EY203D00270**

**Spec. No. EY203D00320**

**Spec. No. EY203D00330**

**Spec. No. EY203D00340**

**Spec. No. EY203D10020**

**Spec. No. EY203D10030**

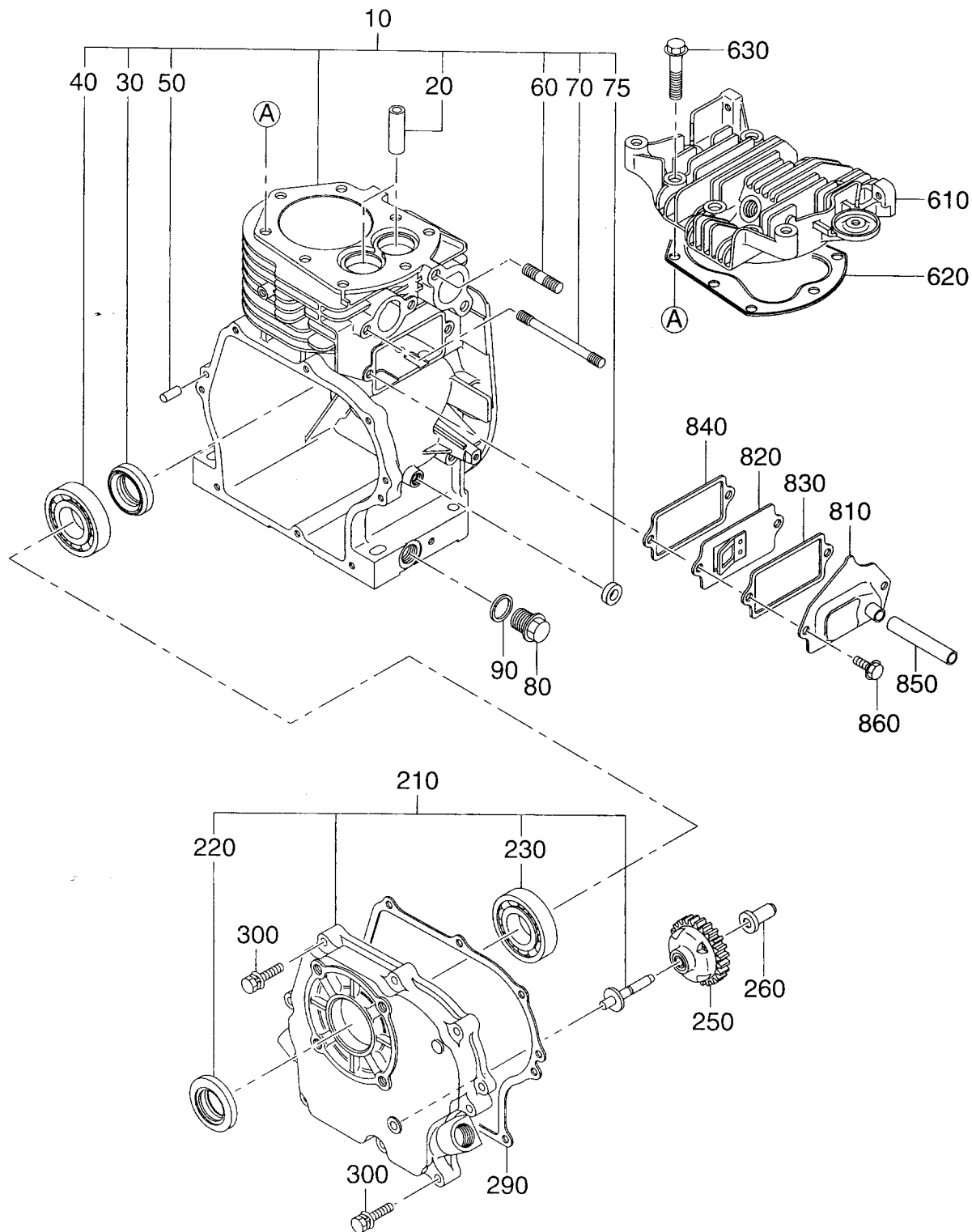
**Spec. No. EY203D10040**



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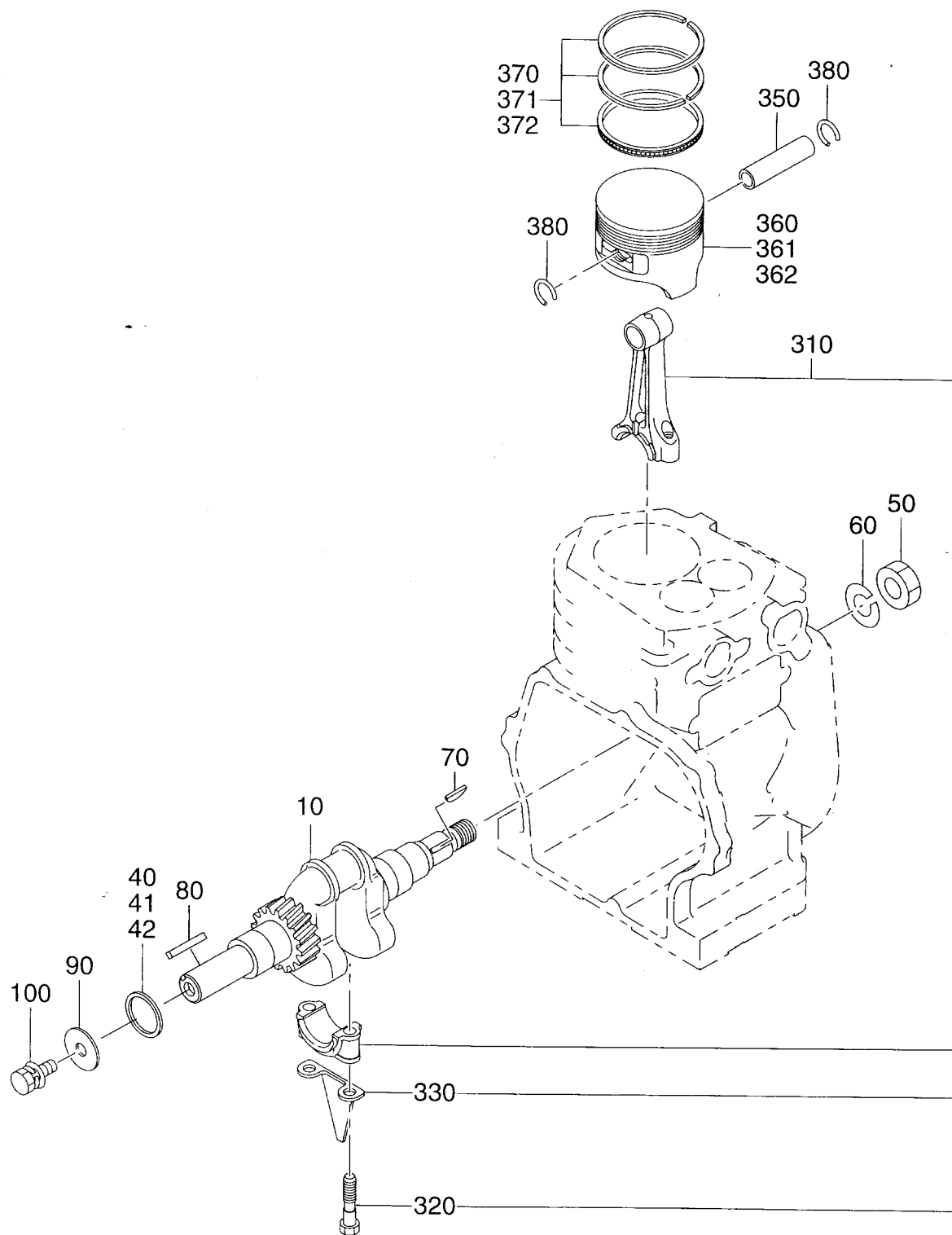
FIG. 100



# 1 CRANK CASE

| REF.<br>NO. | PART NUMBER |              | PART NAME |                      | CODE NO.<br>FROM - TO | QTY | REMARKS     | INTERCHANGEABLE<br>PART NUMBER | FIG.<br>NO. |
|-------------|-------------|--------------|-----------|----------------------|-----------------------|-----|-------------|--------------------------------|-------------|
|             |             | PART NUMBER  |           | SPEC. NO.            |                       |     |             |                                |             |
| 10          |             | 282-10101-01 |           | CRANK CASE CP        | -                     | 1   |             |                                | 100         |
| 20          |             | 227-14202-03 |           | VALVE GUIDE          | -                     | 2   |             |                                | 100         |
| 30          |             | 044-02501-50 |           | OIL SEAL             | -                     | 1   | 25X38X7     |                                | 100         |
| 40          |             | X60-02500-10 |           | BALL BEARING         | -                     | 1   |             |                                | 100         |
| 50          |             | 031-00600-20 |           | DOWEL PIN            | -                     | 2   |             |                                | 100         |
| 60          |             | 010-50802-50 |           | STUD                 | -                     | 2   |             |                                | 100         |
| 70          |             | 010-50601-20 |           | STUD                 | -                     | 2   |             |                                | 100         |
| 75          |             | 044-00800-10 |           | OIL SEAL             | -                     | 1   | VC8144      |                                | 100         |
| 80          |             | 040-11400-30 |           | PLUG                 | -                     | 2   |             |                                | 100         |
| 90          |             | 021-11400-20 |           | GASKET               | -                     | 2   |             |                                | 100         |
| 210         |             | 282-11001-01 |           | MAIN BEARING COVER C | -                     | 1   |             |                                | 100         |
|             |             | 282-11002-01 |           | EY203D00270          | -                     | 1   |             |                                | 100         |
|             |             |              |           | EY203D00320          | -                     | 1   |             |                                | 100         |
|             |             |              |           | EY203D00330          | -                     | 1   |             |                                | 100         |
|             |             |              |           | EY203D00340          | -                     | 1   |             |                                | 100         |
| 220         |             | 044-02501-60 |           | OIL SEAL             | -                     | 1   | 25X41. 24X7 |                                | 100         |
| 230         |             | X60-02500-10 |           | BALL BEARING         | -                     | 1   |             |                                | 100         |
| 250         |             | 227-45003-01 |           | GOVERNOR GEAR CP     | -                     | 1   |             |                                | 100         |
| 260         |             | 205-41901-03 |           | GOVERNOR SLEEVE      | -                     | 1   |             |                                | 100         |
| 290         |             | 227-16001-03 |           | GASKET (BEARING COV) | -                     | 1   |             |                                | 100         |
| 300         |             | 013-00600-40 |           | BOLT AND WASHER AY   | -                     | 8   |             |                                | 100         |
| 610         |             | 227-13001-13 |           | CYLINDER HEAD        | -                     | 1   |             |                                | 100         |
| 620         |             | 282-15001-H1 |           | GASKET CP (HEAD)     | -                     | 1   |             |                                | 100         |
| 630         |             | 011-00800-10 |           | FLANGE BOLT          | -                     | 8   |             |                                | 100         |
| 810         |             | 227-14301-01 |           | TAPPET COVER CP      | -                     | 1   |             |                                | 100         |
| 820         |             | 227-14401-01 |           | BREATHER PLATE CP    | -                     | 1   |             |                                | 100         |
| 830         |             | 282-16006-03 |           | GASKET(TAPPET COVER) | -                     | 1   |             |                                | 100         |
| 840         |             | 282-16007-03 |           | GASKET(BREATHER PLA) | -                     | 1   |             |                                | 100         |
| 850         |             | 085-10800-00 |           | RUBBER PIPE          | -                     | 1   | 8X11XM      |                                | 100         |
| 860         |             | 011-00600-20 |           | FLANGE BOLT          | -                     | 2   |             |                                | 100         |
|             |             |              |           |                      |                       |     |             |                                |             |
|             |             |              |           |                      |                       |     |             |                                |             |
|             |             |              |           |                      |                       |     |             |                                |             |
|             |             |              |           |                      |                       |     |             |                                |             |
|             |             |              |           |                      |                       |     |             |                                |             |
|             |             |              |           |                      |                       |     |             |                                |             |

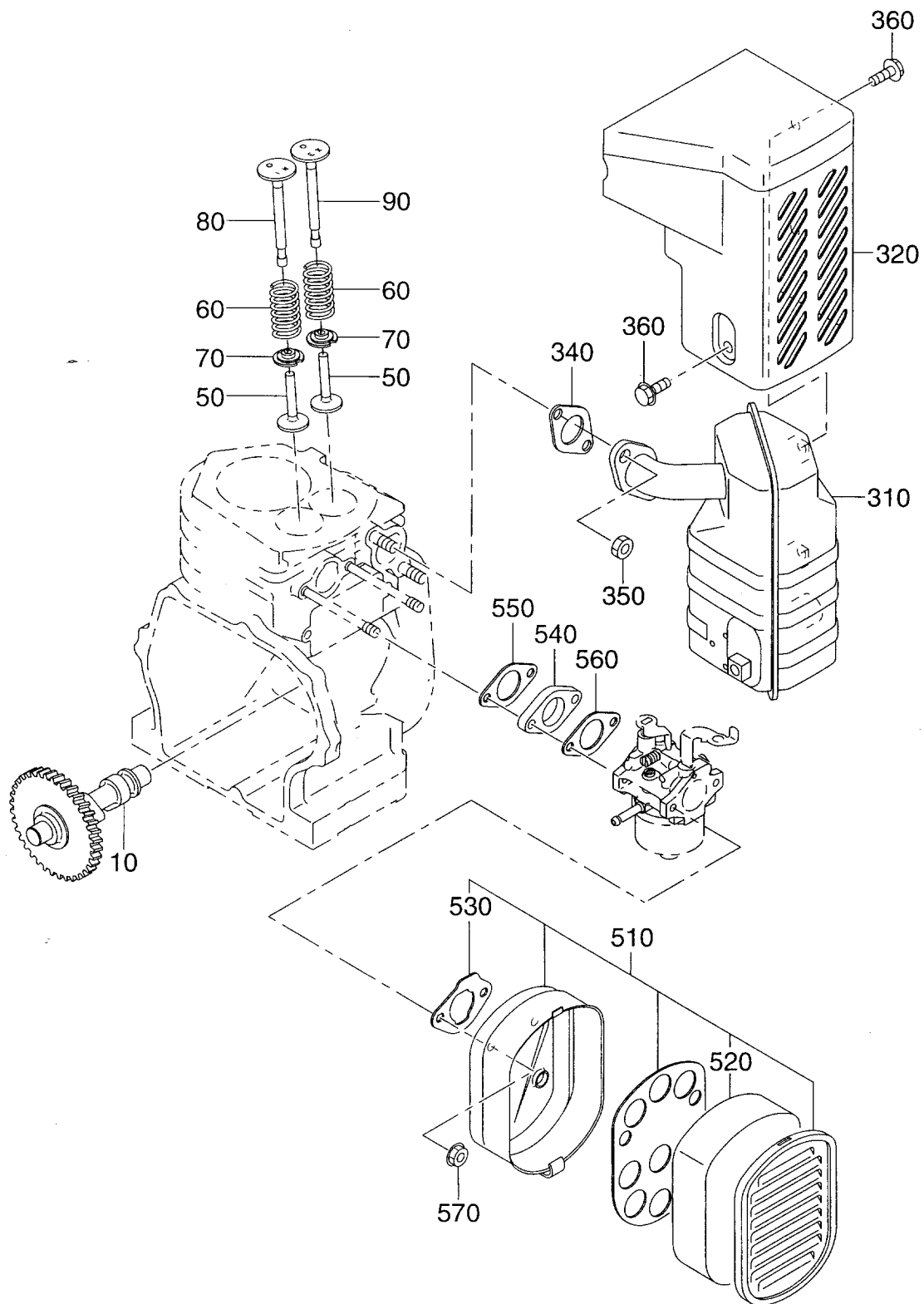
FIG. 200



## 2 CRANKSHAFT, PISTON

| REF.<br>NO. | PART NUMBER |              | PART NAME |                     | CODE NO.<br>FROM - TO | QTY | REMARKS            | INTERCHANGEABLE<br>PART NUMBER | FIG.<br>NO. |
|-------------|-------------|--------------|-----------|---------------------|-----------------------|-----|--------------------|--------------------------------|-------------|
|             |             | PART NUMBER  |           | SPEC. NO.           |                       |     |                    |                                |             |
| 10          |             | 282-20201-01 |           | CRANKSHAFT CP       | -                     | 1   | 20DX50L            |                                | 200         |
|             |             | 282-20301-01 |           | EY203D10020         | -                     | 1   | M18X1.5            |                                | 200         |
|             |             |              |           | EY203D10030         | -                     | 1   |                    |                                | 200         |
|             |             |              |           | EY203D10040         | -                     | 1   |                    |                                | 200         |
|             |             | 282-20901-01 |           | EY203D00270         | -                     | 1   | 19.05DX58.4L       |                                | 200         |
|             |             | 282-21001-01 |           | EY203D00320         | -                     | 1   | 5/8-18UNF          |                                | 200         |
|             |             | 282-21201-01 |           | EY203D00340         | -                     | 1   | 19.8D, 1/5.33TAPER |                                | 200         |
|             |             | 282-21601-01 |           | EY203D00330         | -                     | 1   | 3/4-16UNF          |                                | 200         |
| 40          |             | 023-02501-10 |           | SPACER              | -                     | 1   | T=0.6              |                                | 200         |
| 41          |             | 023-02501-20 |           | SPACER              | -                     | 1   | T=0.8              |                                | 200         |
| 42          |             | 023-02501-30 |           | SPACER              | -                     | 1   | T=1.0              |                                | 200         |
| 50          |             | 002-18140-00 |           | NUT                 | -                     | 1   |                    |                                | 200         |
| 60          |             | 003-20140-00 |           | SPRING WASHER       | -                     | 1   |                    |                                | 200         |
| 70          |             | 032-30300-10 |           | WOODRUFF KEY        | -                     | 1   |                    |                                | 200         |
| 80          |             | 005-30053-01 |           | KEY                 | -                     | 1   |                    | 032-00500-10                   | 200         |
|             |             | 206-26001-13 |           | EY203D00270         | -                     | 1   |                    |                                | 200         |
| 90          |             | 020-00800-50 |           | WASHER              | -                     | 1   |                    |                                | 200         |
| 100         |             | 001-13081-60 |           | BOLT & WASHER AY    | -                     | 1   |                    |                                | 200         |
| 310         |             | 227-22501-10 |           | CONNECTING ROD AY   | -                     | 1   |                    |                                | 200         |
| 320         |             | 227-23001-13 |           | CONNECTING ROD BOLT | -                     | 2   |                    |                                | 200         |
| 330         |             | 227-23101-03 |           | OIL SCRAPER         | -                     | 1   |                    |                                | 200         |
| 350         |             | 214-23301-13 |           | PISTON PIN          | -                     | 1   |                    |                                | 200         |
| 360         |             | 282-23401-03 |           | PISTON              | -                     | 1   | STD.               |                                | 200         |
| 361         |             | 282-23402-03 |           | PISTON              | -                     | 1   | 0.25 O.S.          |                                | 200         |
| 362         |             | 282-23403-03 |           | PISTON              | -                     | 1   | 0.50 O.S.          |                                | 200         |
| 370         |             | 282-23501-07 |           | PISTON RING SET     | -                     | 1   | STD.               |                                | 200         |
| 371         |             | 282-23502-07 |           | PISTON RING SET     | -                     | 1   | 0.25 O.S.          |                                | 200         |
| 372         |             | 282-23503-07 |           | PISTON RING SET     | -                     | 1   | 0.50 O.S.          |                                | 200         |
| 380         |             | 056-51400-10 |           | CLIP                | -                     | 2   |                    |                                | 200         |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |
|             |             |              |           |                     |                       |     |                    |                                |             |

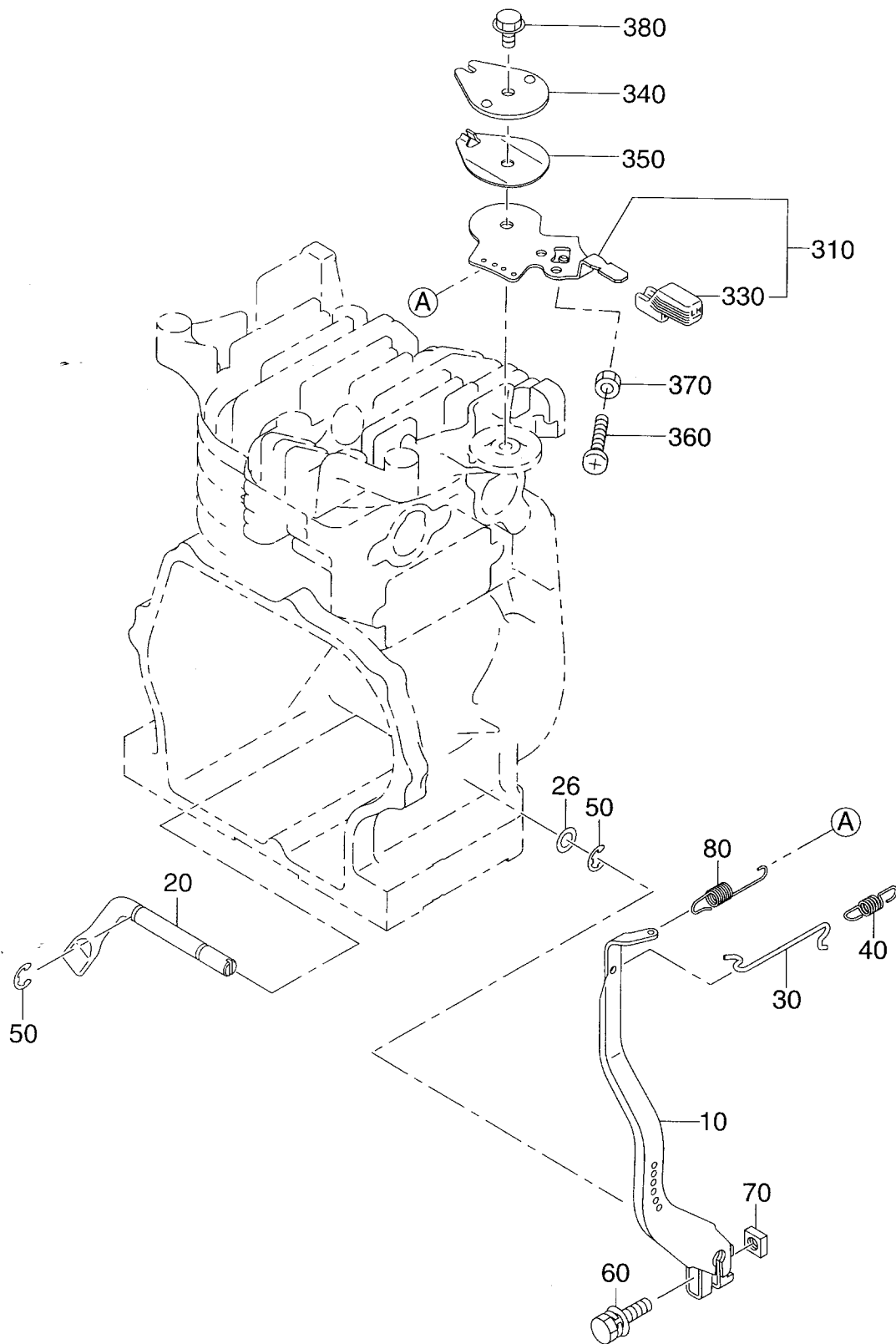
FIG. 300



### 3 INTAKE EXHAUST

[illegible]

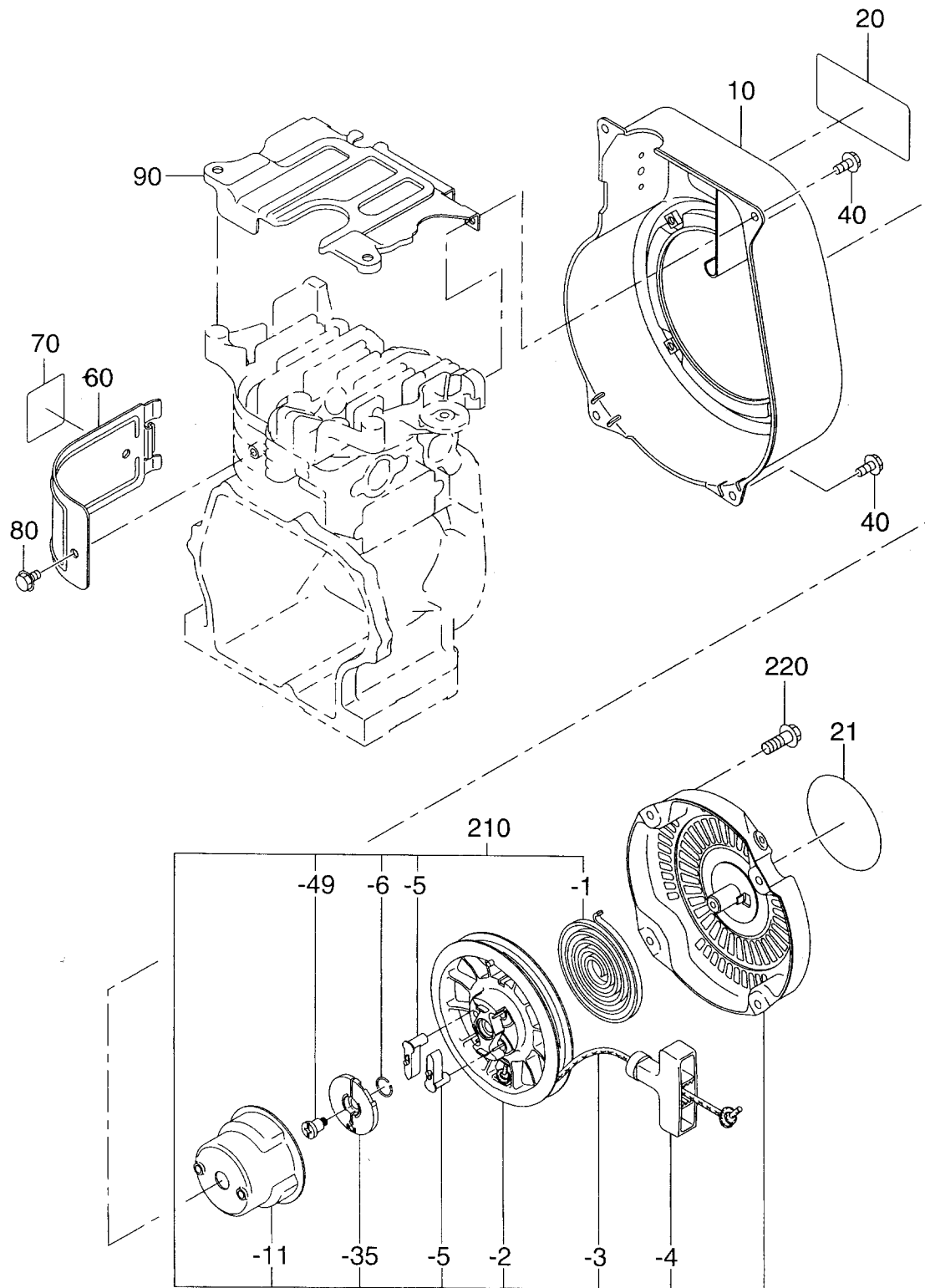
FIG. 400



#### 4 GOVERNOR, OPERATION

[illegible]

FIG. 500



## 5 COOLING, STARTING

| REF.<br>NO. | PART NUMBER |              | PART NAME |                     | CODE NO.<br>FROM - TO | QTY | REMARKS | INTERCHANGEABLE<br>PART NUMBER | FIG.<br>NO. |
|-------------|-------------|--------------|-----------|---------------------|-----------------------|-----|---------|--------------------------------|-------------|
|             |             | PART NUMBER  |           | SPEC. NO.           |                       |     |         |                                |             |
| 10          |             | 282-51260-01 |           | BLOWER HOUSING CP   | -                     | 1   |         |                                | 500         |
|             |             | 282-51360-01 |           | EY203D10040         | -                     | 1   |         |                                | 500         |
| 20          |             | 282-95101-03 |           | LABEL (MODEL)       | -                     | 1   |         |                                | 500         |
| 21          |             | 073-20051-40 |           | LABEL (TRADE MARK)  | -                     | 1   |         |                                | 500         |
| 40          |             | 011-00600-30 |           | FLANGE BOLT         | -                     | 4   |         |                                | 500         |
| 60          |             | 227-52601-03 |           | CYLINDER BAFFLE     | -                     | 1   |         |                                | 500         |
| 70          |             | 282-91802-H3 |           | LABEL (ENGINE NAME) | -                     | 1   |         |                                | 500         |
|             |             | 282-91860-H3 |           | EY203D00210         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D00270         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D00320         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D00330         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D00340         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D10020         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D10030         | -                     | 1   |         |                                | 500         |
|             |             |              |           | EY203D10040         | -                     | 1   |         |                                | 500         |
| 80          |             | 011-00600-10 |           | FLANGE BOLT         | -                     | 1   |         |                                | 500         |
| 90          |             | 227-52701-03 |           | HEAD COVER          | -                     | 1   |         |                                | 500         |
| 210         |             | 282-50211-00 |           | RECOIL STARTER AY   | -                     | 1   |         |                                | 500         |
| - 1         |             | 270-50115-08 |           | SPIRAL SPRING       | -                     | 1   |         |                                | 500         |
| - 2         |             | 269-50120-08 |           | REEL                | -                     | 1   |         |                                | 500         |
| - 3         |             | 282-50111-08 |           | STARTER ROPE        | -                     | 1   |         |                                | 500         |
| - 4         |             | 261-50100-08 |           | STARTER KNOB        | -                     | 1   |         |                                | 500         |
| - 5         |             | 270-50125-08 |           | RATCHET             | -                     | 2   |         |                                | 500         |
| - 6         |             | 227-50131-08 |           | FRICTION SPRING     | -                     | 1   |         |                                | 500         |
| - 11        |             | 269-50145-08 |           | STARTER PULLEY      | -                     | 1   |         |                                | 500         |
| - 35        |             | 270-50261-08 |           | RATCHET GUIDE       | -                     | 1   |         |                                | 500         |
| - 49        |             | 227-50152-08 |           | SET SCREW           | -                     | 1   |         |                                | 500         |
| 220         |             | 011-00600-10 |           | FLANGE BOLT         | -                     | 4   |         |                                | 500         |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |
|             |             |              |           |                     |                       |     |         |                                |             |

FIG. 600

FIG. 630

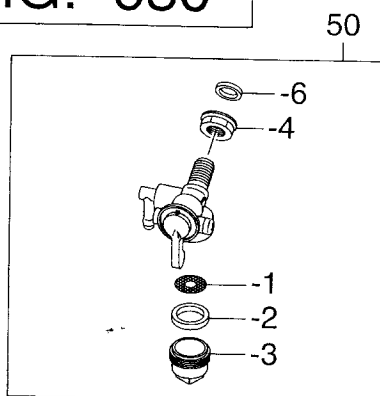
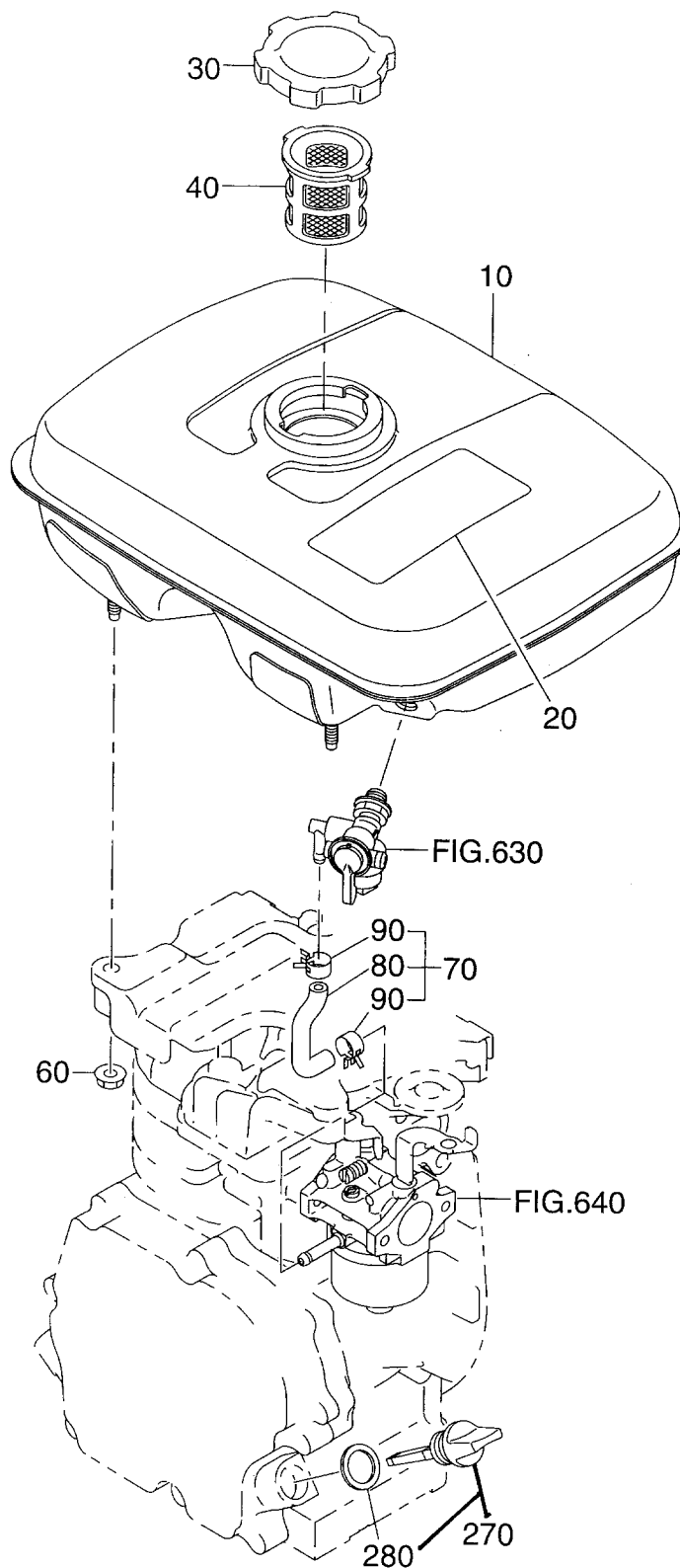
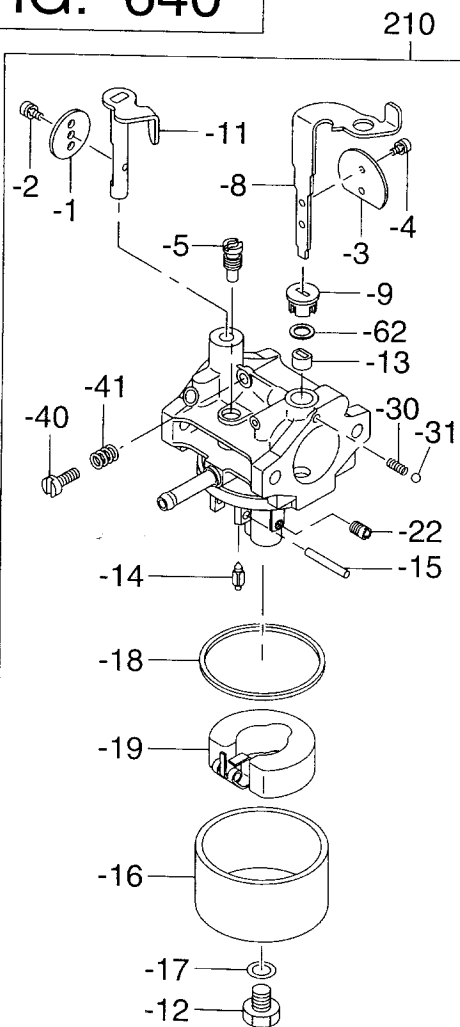


FIG. 640



## 6 FUEL LUBRICANT

| REF.<br>NO. | PART NUMBER |              | PART NAME |                    | CODE NO.<br>FROM - TO | QTY | REMARKS | INTERCHANGEABLE<br>PART NUMBER | FIG.<br>NO. |
|-------------|-------------|--------------|-----------|--------------------|-----------------------|-----|---------|--------------------------------|-------------|
|             |             | PART NUMBER  |           | SPEC. NO.          |                       |     |         |                                |             |
| 10          |             | 282-60101-01 |           | FUEL TANK CP       | -                     | 1   |         |                                | 600         |
| 20          |             | X73-20047-20 |           | LABEL(CAUTION)     | -                     | 1   |         |                                | 600         |
|             |             | 073-20044-50 |           | EY203D00210        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D00270        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D00320        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D00330        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D00340        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D10020        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D10030        | -                     | 1   |         |                                | 600         |
|             |             |              |           | EY203D10040        | -                     | 1   |         |                                | 600         |
| 30          |             | 043-04301-00 |           | FUEL TANK CAP CP   | -                     | 1   |         |                                | 600         |
| 40          |             | 064-13600-10 |           | FUEL FILTER        | -                     | 1   |         |                                | 600         |
| 50          |             | 064-20064-00 |           | FUEL STRAINER AY   | -                     | 1   |         |                                | 630         |
| - 1         |             | 064-20064-20 |           | FILTER             | -                     | 1   |         |                                | 630         |
| - 2         |             | 064-20064-10 |           | PACKING            | -                     | 1   |         |                                | 630         |
| - 3         |             | 064-20042-10 |           | CUP, STRAINER      | -                     | 1   |         |                                | 630         |
| - 4         |             | 064-20064-30 |           | NUT                | -                     | 1   |         |                                | 630         |
| - 6         |             | 064-20064-40 |           | PACKING            | -                     | 1   |         |                                | 630         |
| 60          |             | 002-38060-00 |           | FLANGE NUT         | -                     | 2   |         |                                | 600         |
| 70          |             | 282-62601-H1 |           | FUEL PIPE CP       | -                     | 1   |         |                                | 600         |
| 80          |             | 282-62601-H3 |           | RUBBER PIPE        | -                     | 1   |         |                                | 600         |
| 90          |             | X56-11100-20 |           | HOSE CLAMP         | -                     | 2   |         |                                | 600         |
| 210         |             | 227-62311-00 |           | CARBURETOR AY      | -                     | 1   |         |                                | 640         |
| - 1         |             | 220-62535-08 |           | THROTTLE VALVE     | -                     | 1   |         |                                | 640         |
| - 2         |             | 150-62356-08 |           | SCREW              | -                     | 1   |         |                                | 640         |
| - 3         |             | 226-62525-08 |           | CHOKE VALVE        | -                     | 1   |         |                                | 640         |
| - 4         |             | 237-62451-08 |           | SCREW              | -                     | 2   |         |                                | 640         |
| - 5         |             | 209-62420-08 |           | PILOT JET          | -                     | 1   |         |                                | 640         |
| - 8         |             | 226-62520-18 |           | SHAFT AY(CHOKE)    | -                     | 1   |         |                                | 640         |
| - 9         |             | 226-62551-08 |           | RING               | -                     | 1   |         |                                | 640         |
| - 11        |             | 226-62530-08 |           | SHAFT AY(THROTTLE) | -                     | 1   |         |                                | 640         |
| - 12        |             | 227-62451-08 |           | BOLT               | -                     | 1   |         |                                | 640         |
| - 13        |             | 226-62550-08 |           | RING               | -                     | 1   |         |                                | 640         |
| - 14        |             | 226-62500-08 |           | NEEDLE VALVE AY    | -                     | 1   |         |                                | 640         |
| - 15        |             | 214-62515-08 |           | PIN                | -                     | 1   |         |                                | 640         |
| - 16        |             | 227-62558-08 |           | FLOAT CHAMBER BODY | -                     | 1   |         |                                | 640         |

## 6 FUEL LUBRICANT

[illegible]



FIG. 700

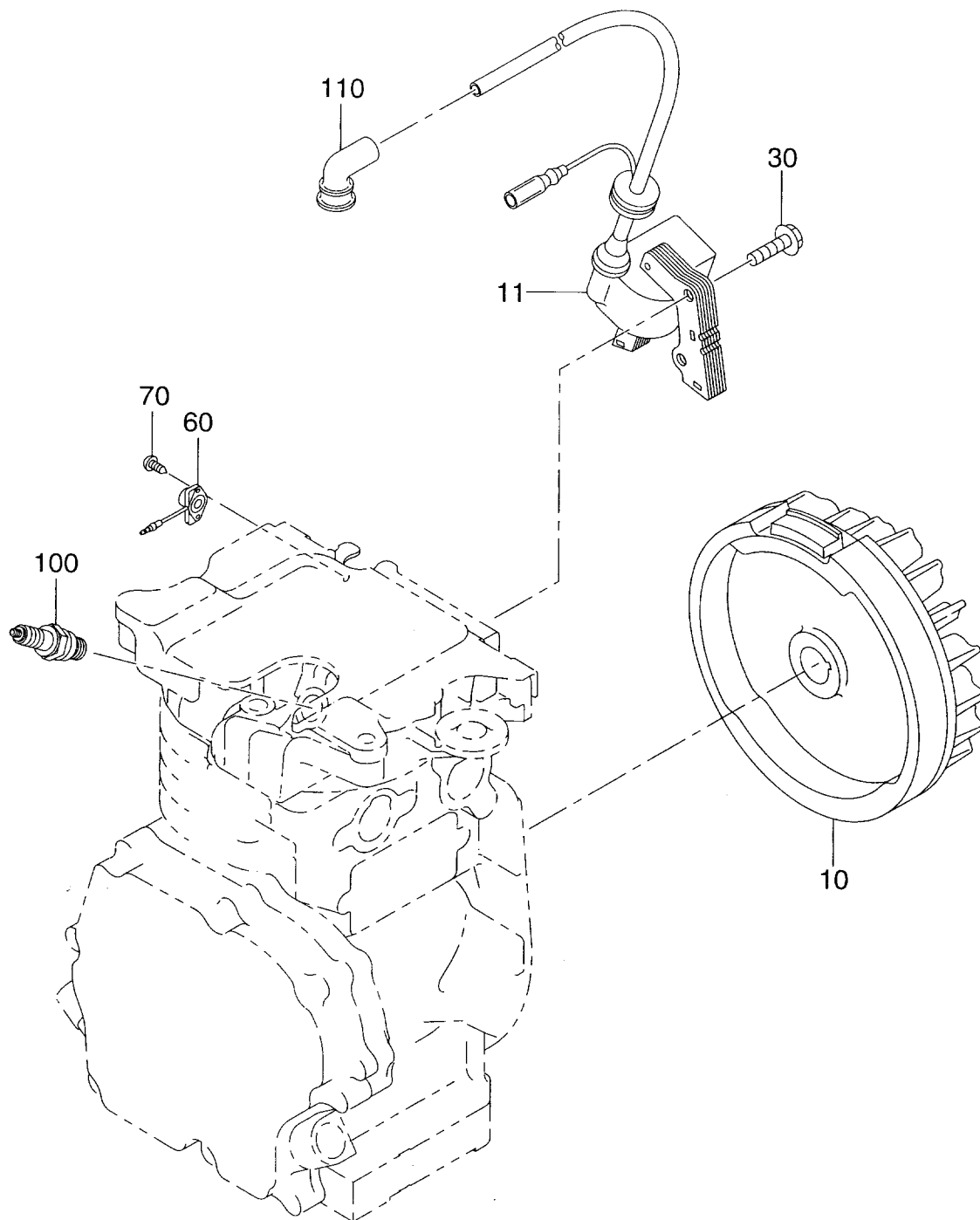
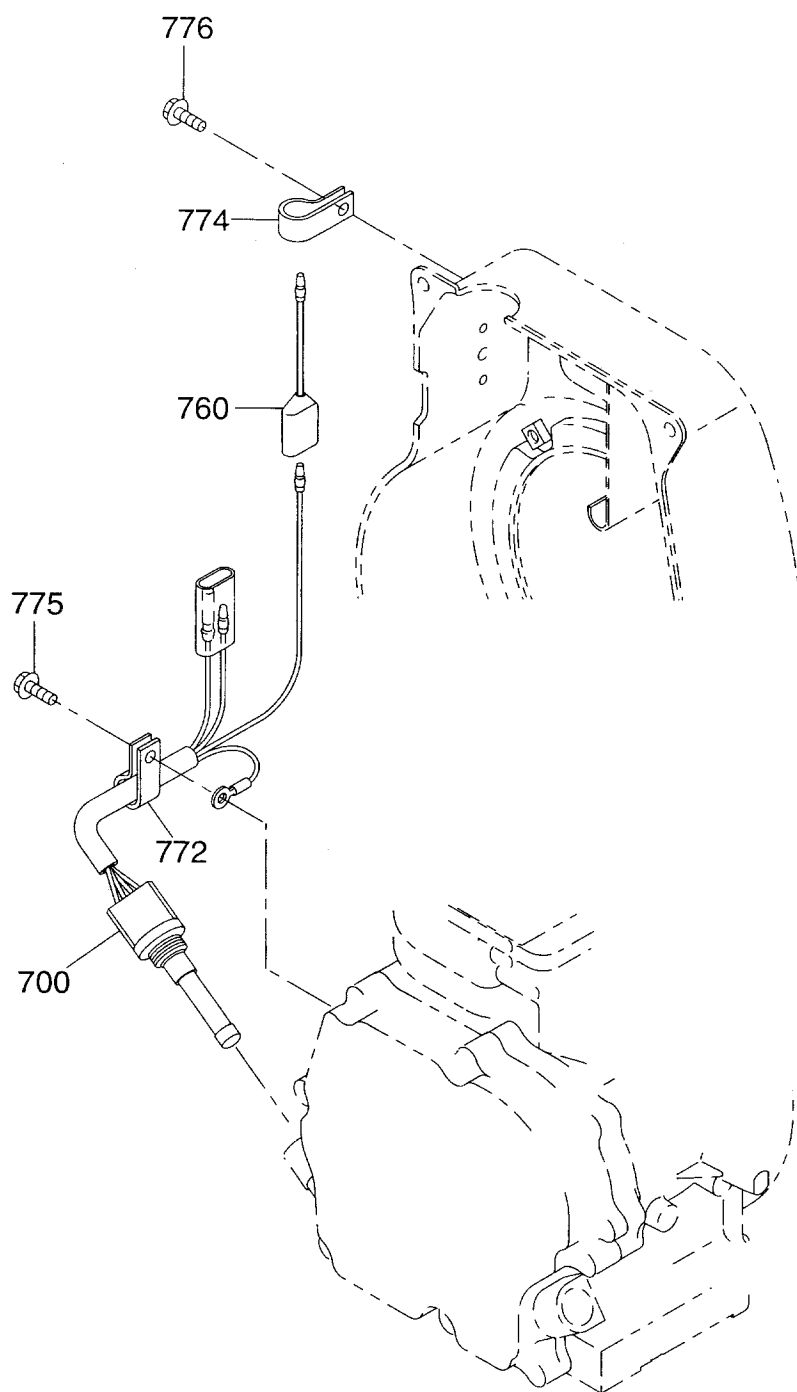


FIG. 770

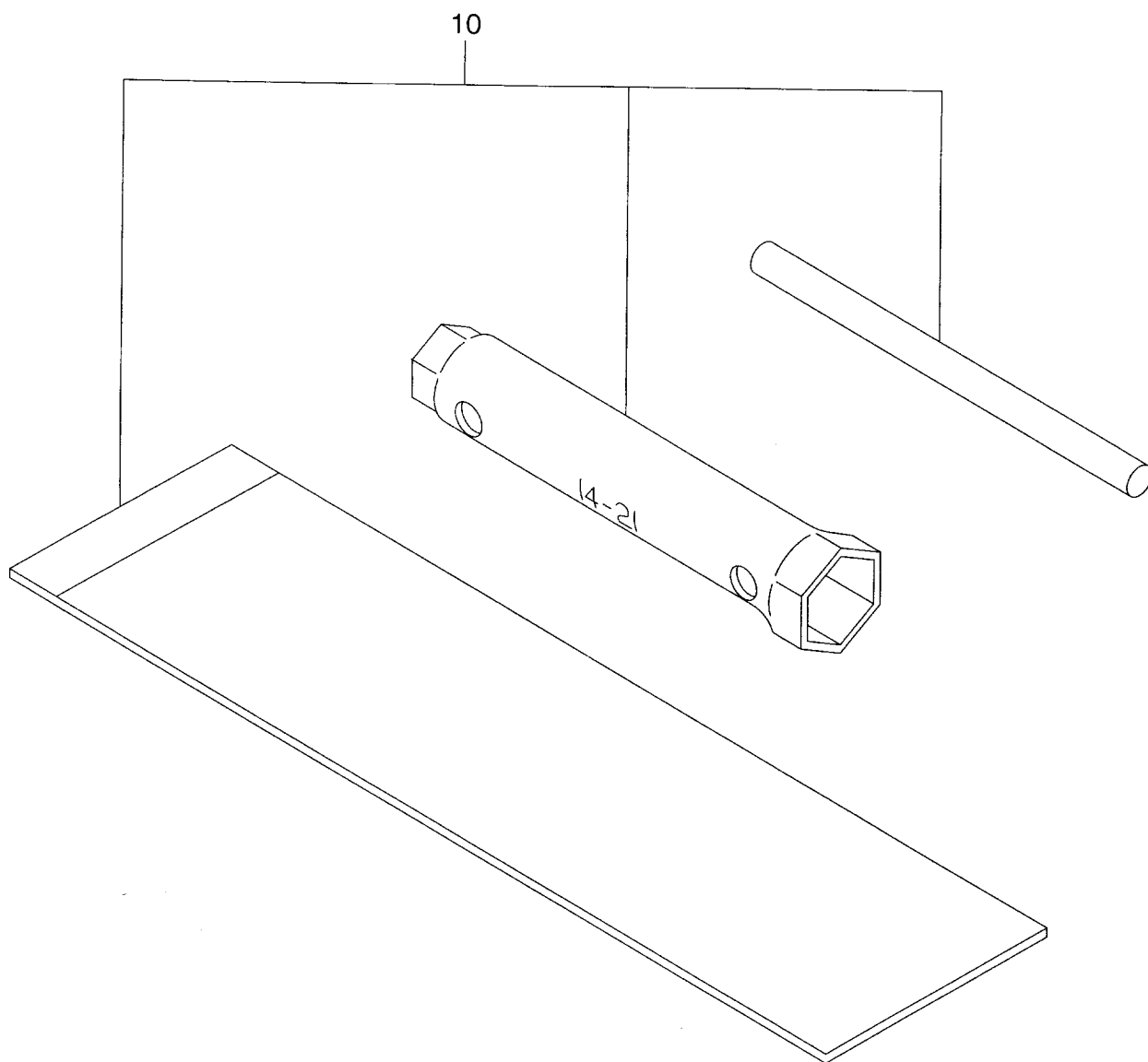


## 7 ELECTRIC DEVICE

[illegible]



FIG. 900



## 01/05/22 P. 9

— 21 —

