

# PARTS MANUAL

MODEL

**Parts**

**Manual**

EX270D50013

01/13



**SUBARU**

**Industrial Power Products**

## Subaru Industrial Power Products

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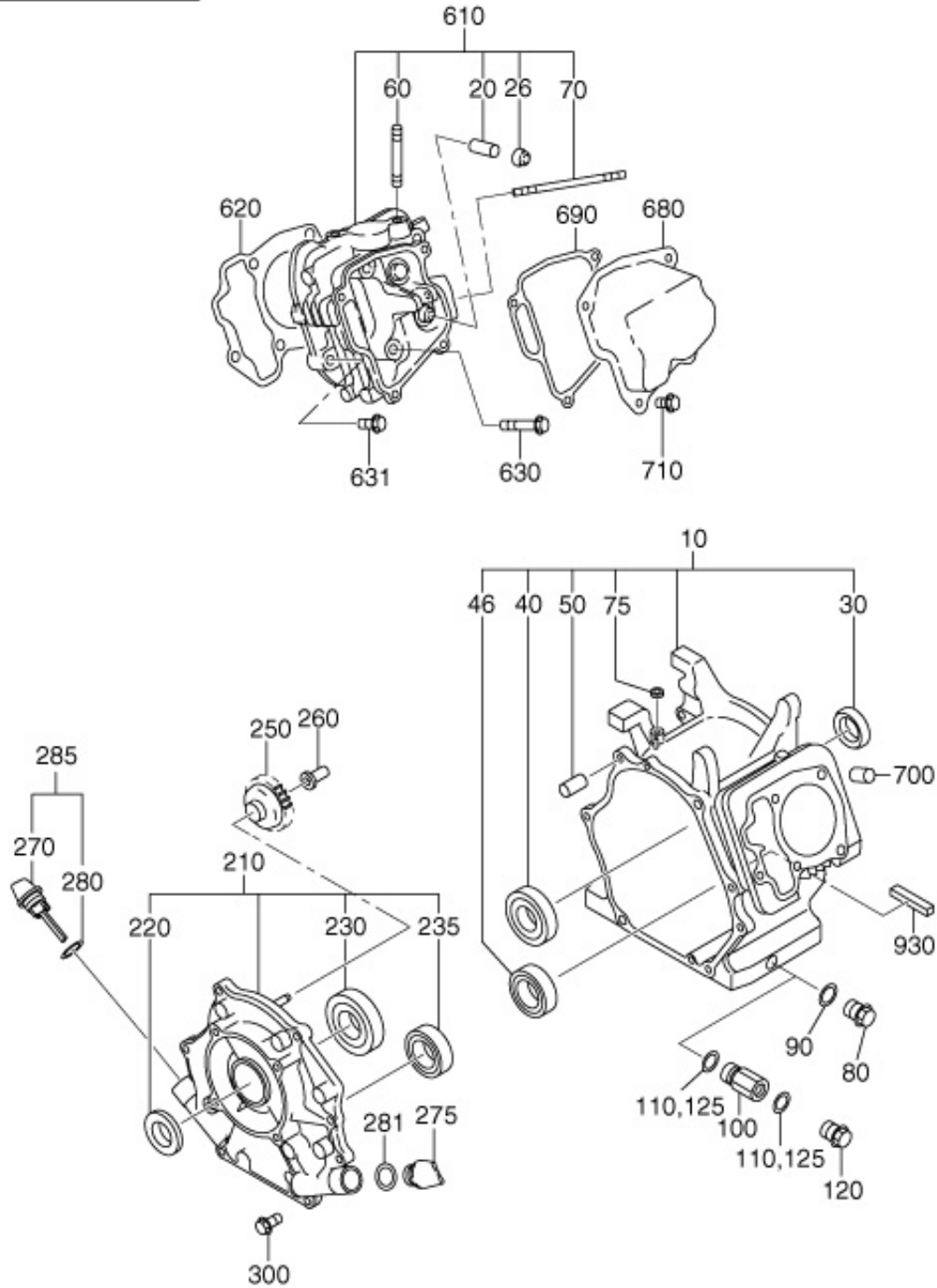
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# 100 Crankcase

FIG. 100



960- GASKET SET

EX27

279010001W00

## 100 Crankcase

| Ref | Part Number. | Description          | Qty  | Remark                                                                                      |
|-----|--------------|----------------------|------|---------------------------------------------------------------------------------------------|
| 10  | 279-10101-91 | CRANK CASE CP        | 1.00 | Start Code: 6951. Start Date: 1/11/2006 0:00:00. Start Date: 12/31/9999 0:00:00.            |
| 20  | 237-14202-03 | VALVE GUIDE          | 2.00 | Start Date: 12/31/9999 0:00:00. Remarks: 5.5DX9.5DX27L.                                     |
| 26  | 277-16010-01 | STEM SEAL            | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 5.5DX9.5DX15DX7.8B.  |
| 30  | 044-03001-60 | OIL SEAL             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 30DX45DX7B.          |
| 40  | 060-03003-41 | BALL BEARING         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 30DX62DX16B.         |
| 50  | 277-15011-03 | PIPE KNOCK           | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 10.3DX8.5DX14L.      |
| 60  | 010-50802-50 | STUD                 | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X25L.         |
| 70  | 010-50604-10 | STUD                 | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X107L.         |
| 75  | 044-00600-20 | OIL SEAL             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6DX10DX2.5B.         |
| 80  | 040-11400-30 | PLUG                 | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M14X1.5X20DX12L.     |
| 90  | 021-11400-20 | GASKET               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 14.1DX19DX2.3T.      |
| 210 | 279-11002-11 | MAIN BEARING COVER C | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: FLANGE 4-5/16-24UNF. |
| 220 | 044-03001-60 | OIL SEAL             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 30DX45DX7B.          |
| 230 | 060-03003-70 | BALL BEARING         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 30DX62DX16B.         |
| 250 | 277-45004-J1 | GOVERNOR GEAR CP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 53DX29.1T N=33.      |
| 260 | 277-41901-03 | GOVERNOR SLEEVE      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6DX7.6DX16DX26L.     |

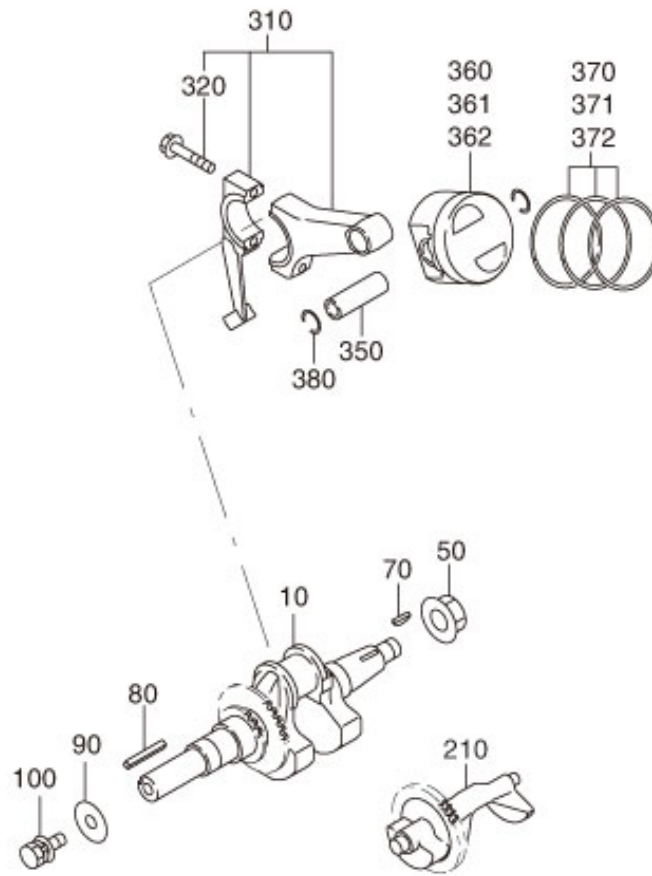
## 100 Crankcase

| Ref | Part Number. | Description          | Qty  | Remark                                                                                                                       |
|-----|--------------|----------------------|------|------------------------------------------------------------------------------------------------------------------------------|
| 270 | 279-63601-13 | OIL GAUGE            | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M22X1.5 L=67.5+18. Interchangeable with 279-63601-23. |
| 280 | 021-32000-50 | GASKET               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 20DX27DX1.5T RUBBER.                                  |
| 300 | 001-04083-50 | FLANGE BOLT          | 7.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X16DX35L.                                      |
| 610 | 279-13001-21 | CYLINDER HEAD CP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                                                |
| 620 | 279-15001-33 | GASKET (HEAD)        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: T=0.2.                                                |
| 630 | 011-00802-40 | FLANGE BOLT          | 4.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X16DX68L.                                      |
| 631 | 011-00803-10 | FLANGE BOLT          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X16DX33L.                                      |
| 680 | 277-15503-01 | ROCKER COVER CP      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                                                |
| 690 | 277-16001-13 | GASKET(ROCKER COVER) | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: T=0.5.                                                |
| 700 | 277-15011-03 | PIPE KNOCK           | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 10.3DX8.5DX14L.                                       |
| 710 | 011-00600-20 | FLANGE BOLT          | 4.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX12L.                                       |
| 960 | 279-99001-27 | GASKET SET           | 1.00 | Start Date: 12/31/9999 0:00:00.                                                                                              |

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## 200 Crankshaft

FIG. 200



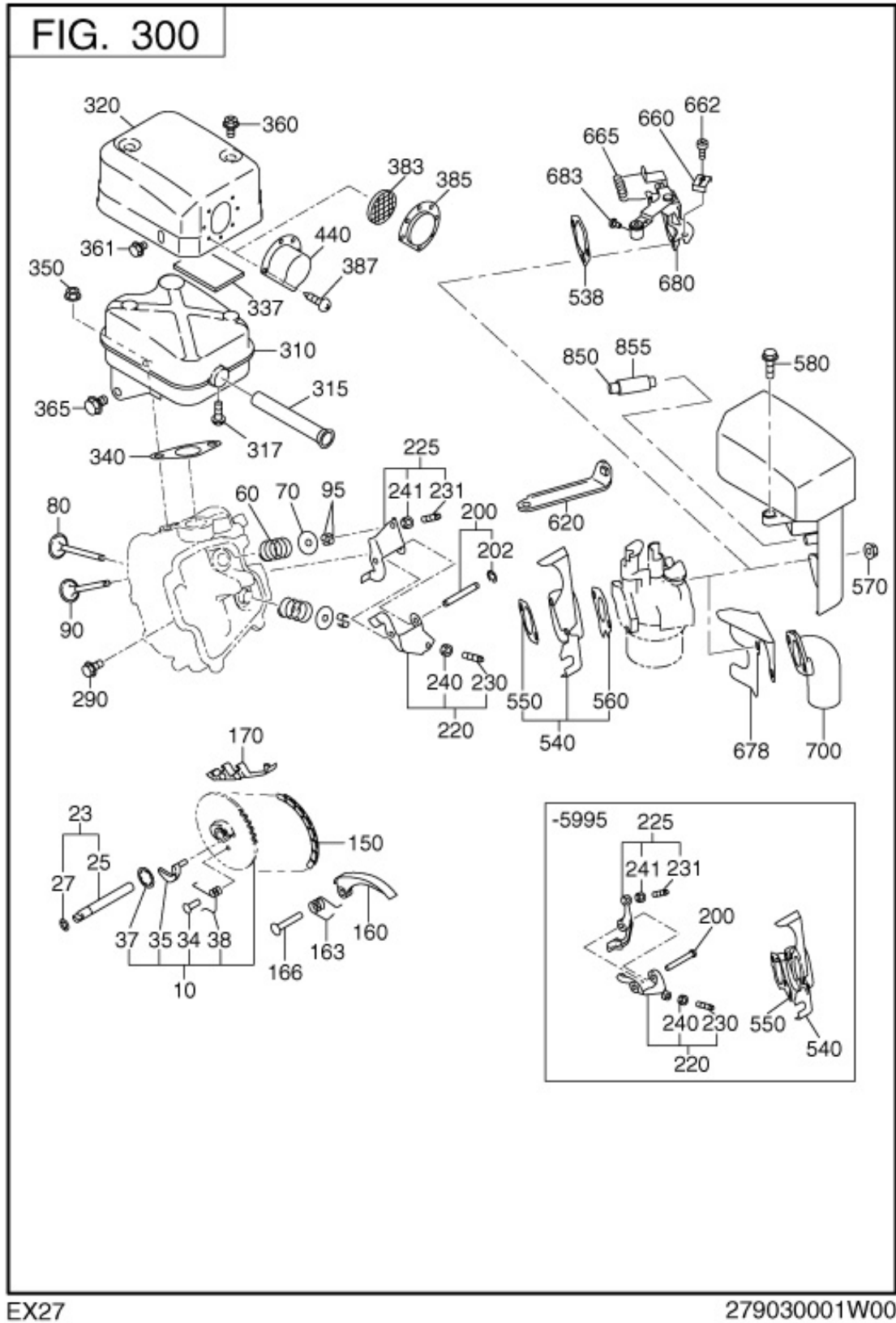
EX27

279020000W01

## 200 Crankshaft

| Ref | Part Number. | Description         | Qty  | Remark                                                                                                                          |
|-----|--------------|---------------------|------|---------------------------------------------------------------------------------------------------------------------------------|
| 10  | 279-20901-61 | CRANK SHAFT CP      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: L=324 DU 25.4DX72.2L.                                    |
| 50  | 018-01800-10 | FLANGE NUT          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M18X1.5X31DX14H.                                         |
| 70  | 032-30300-10 | WOODRUFF KEY        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 3BX6HX16D.                                               |
| 80  | 207-26001-03 | KEY                 | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6.3BX6.3HX40L.                                           |
| 310 | 279-22501-20 | CONNECTING ROD AY   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 104.5CDX26B 34.5D-18. Interchangeable with 279-22501-30. |
| 320 | 279-23001-03 | CONNECTING ROD BOLT | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M7X1.0X13.8DX40L.                                        |
| 350 | 279-23301-13 | PISTON PIN          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 18DX13DX53L.                                             |
| 360 | 279-23401-H3 | PISTON              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: STD (75DX43H).                                           |
| 361 | 279-23403-H3 | PISTON              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 0.25 O.S.(75DX43H).                                      |
| 362 | 279-23404-H3 | PISTON              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 0.50 O.S.(75DX43H).                                      |
| 370 | 279-23511-17 | PISTON RING SET     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: STD (75D) OIL EXPAND.                                    |
| 371 | 279-23512-17 | PISTON RING SET     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 0.25 O.S. OIL EXPAND.                                    |
| 372 | 279-23513-17 | PISTON RING SET     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 0.50 O.S. OIL EXPAND.                                    |
| 380 | 056-51800-10 | CLIP                | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 18.9DX1.6D.                                              |

## 300 Intake & Exhaust



## 300 Intake & Exhaust

| Ref | Part Number. | Description       | Qty  | Remark                                                                                       |
|-----|--------------|-------------------|------|----------------------------------------------------------------------------------------------|
| 10  | 279-31601-01 | CAM SHAFT CP      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 93DX2.9B N=44.        |
| 25  | 277-35101-03 | PIN(CAM SHAFT)    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 9DX78.5L.             |
| 27  | 024-00600-10 | O RING            | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 5.8DX9.6D.            |
| 34  | 277-38601-03 | PIN(SPRING)       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 4DX8DX9L.             |
| 35  | 279-36401-03 | RELEASE LEVER     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |
| 37  | 277-36501-03 | CLIP              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 13.8DX20.3DX0.4T.     |
| 38  | 277-38701-03 | RETURN SPRING     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 5.3DX0.6DX5.5L N=5.8. |
| 60  | 279-33601-03 | VALVE SPRING      | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 19.2DX2.3DX27.4L.     |
| 70  | 269-33701-03 | SPRING RETAINER   | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |
| 80  | 279-33401-H3 | INTAKE VALVE      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 28.5DX5.5DX67.8L.     |
| 90  | 279-33501-H3 | EXHAUST VALVE     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 26.5DX5.5DX67.8L.     |
| 95  | 132-10KA0-31 | COLLET-VALVE      | 4.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |
| 150 | 279-35601-11 | TIMING CHAIN CP   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 100 LINK.             |
| 160 | 277-36911-03 | TENTIONER         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |
| 163 | 277-37101-03 | SPRING(TENTIONER) | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 10DX1.8DX14L N=4.5.   |
| 166 | 277-36902-03 | PIN(TENTIONER)    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6DX13DX34L.           |
| 170 | 277-36913-13 | CHAIN GUIDE       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |
| 200 | 277-35004-01 | PIN(ROCKER) CP    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6DX46L.               |
| 202 | 003-13050-00 | CLIP              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                |

## 300 Intake & Exhaust

| Ref | Part Number. | Description        | Qty  | Remark                                                                                   |
|-----|--------------|--------------------|------|------------------------------------------------------------------------------------------|
| 220 | 277-36201-00 | ROCKER ARM(IN) AY  | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                            |
| 225 | 277-36202-00 | ROCKER ARM(EX) AY  | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                            |
| 230 | 014-90500-20 | ADJUST SCREW       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M5X0.5X23L.       |
| 231 | 014-90500-20 | ADJUST SCREW       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M5X0.5X23L.       |
| 240 | 017-00500-30 | NUT                | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M5X0.5X4.1H.      |
| 241 | 017-00500-30 | NUT                | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M5X0.5X4.1H.      |
| 290 | 011-00600-20 | FLANGE BOLT        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX12L.   |
| 310 | 279-30101-L1 | MUFFLER CP         | 1.00 | Start Code: 6972. Start Date: 2/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.          |
| 320 | 279-34201-21 | MUFFLER COVER CP   | 1.00 | Start Code: 7031. Start Date: 4/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.          |
| 340 | 277-35201-13 | GASKET(MUFFLER)    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: T=0.2 26D 9DX58P. |
| 350 | 980-20082-80 | FLANGE NUT         | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                            |
| 360 | 015-20600-90 | TAPPING BOLT       | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X13DX10L.       |
| 361 | 011-00600-10 | FLANGE BOLT        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX8L.    |
| 365 | 011-00803-20 | FLANGE BOLT        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X16DX12L.  |
| 385 | 277-37203-H1 | SCREEN CP          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                            |
| 387 | 015-00400-60 | TAPPING SCREW      | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M4X6L.            |
| 540 | 279-32902-J1 | INSULATOR CP       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: W/GASKET.         |
| 560 | 279-35902-J3 | GASKET1(INSULATOR) | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: T=0.5.            |

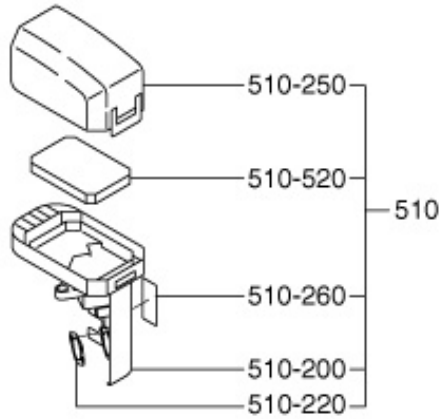
## 300 Intake & Exhaust

| Ref | Part Number. | Description | Qty  | Remark                                                                                 |
|-----|--------------|-------------|------|----------------------------------------------------------------------------------------|
| 570 | 002-38060-00 | FLANGE NUT  | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X13DX6H.  |
| 580 | 001-04062-00 | FLANGE BOLT | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X13DX20L. |

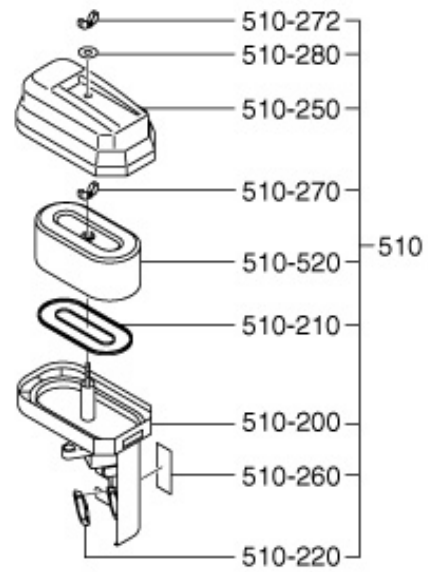
## 315 Intake & Exhaust

**FIG. 315**

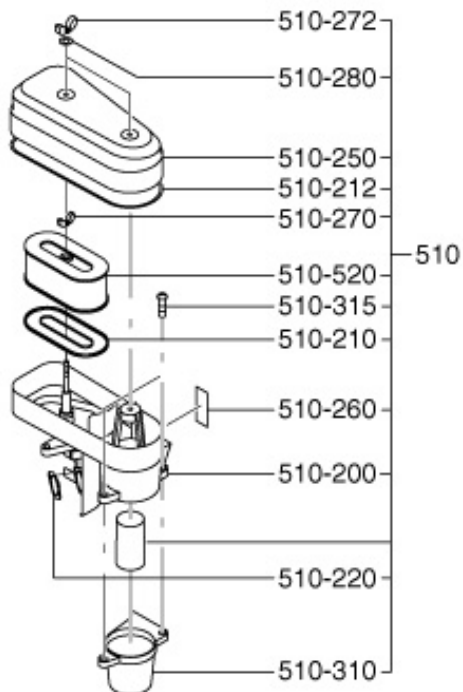
### URETHANE FOAM



### DUAL ELEMENT



### PRE CLEANER



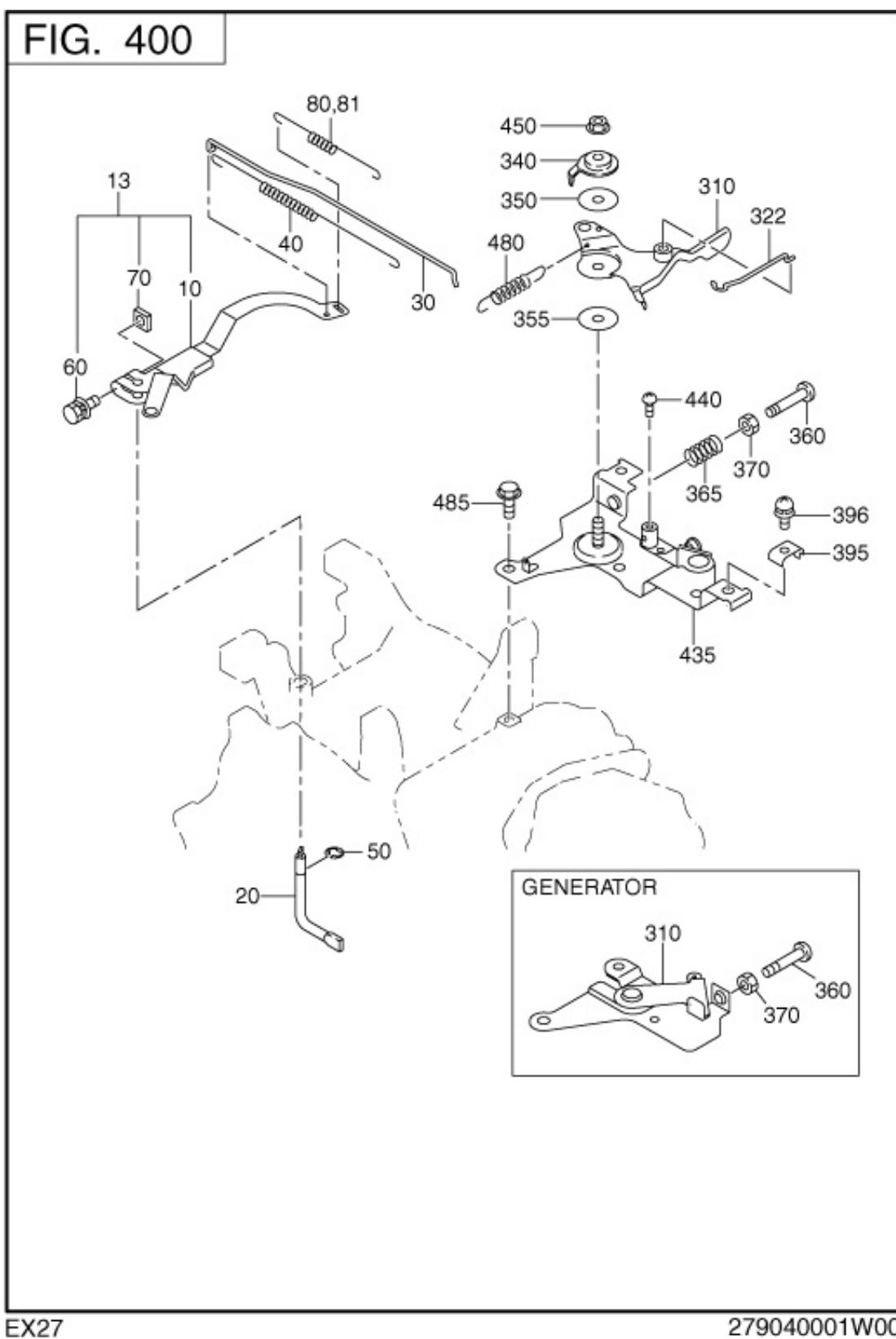
EX27

279031501W00

## 315 Intake & Exhaust

| Ref | Part Number. | Description    | Qty  | Remark                                                                                           |
|-----|--------------|----------------|------|--------------------------------------------------------------------------------------------------|
| 510 | 279-32603-08 | ELEMENT        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: URETHANE FOAM.            |
| 510 | 279-32730-08 | LABEL          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                    |
| 510 | 279-32640-08 | COVER          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                    |
| 510 | 279-32650-08 | GASKET         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Interchangeable with 279-32650-18. |
| 510 | 279-32630-28 | CASE           | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                    |
| 510 | 279-32611-20 | AIR CLEANER AY | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                    |

## 400 Governor



## 400 Governor

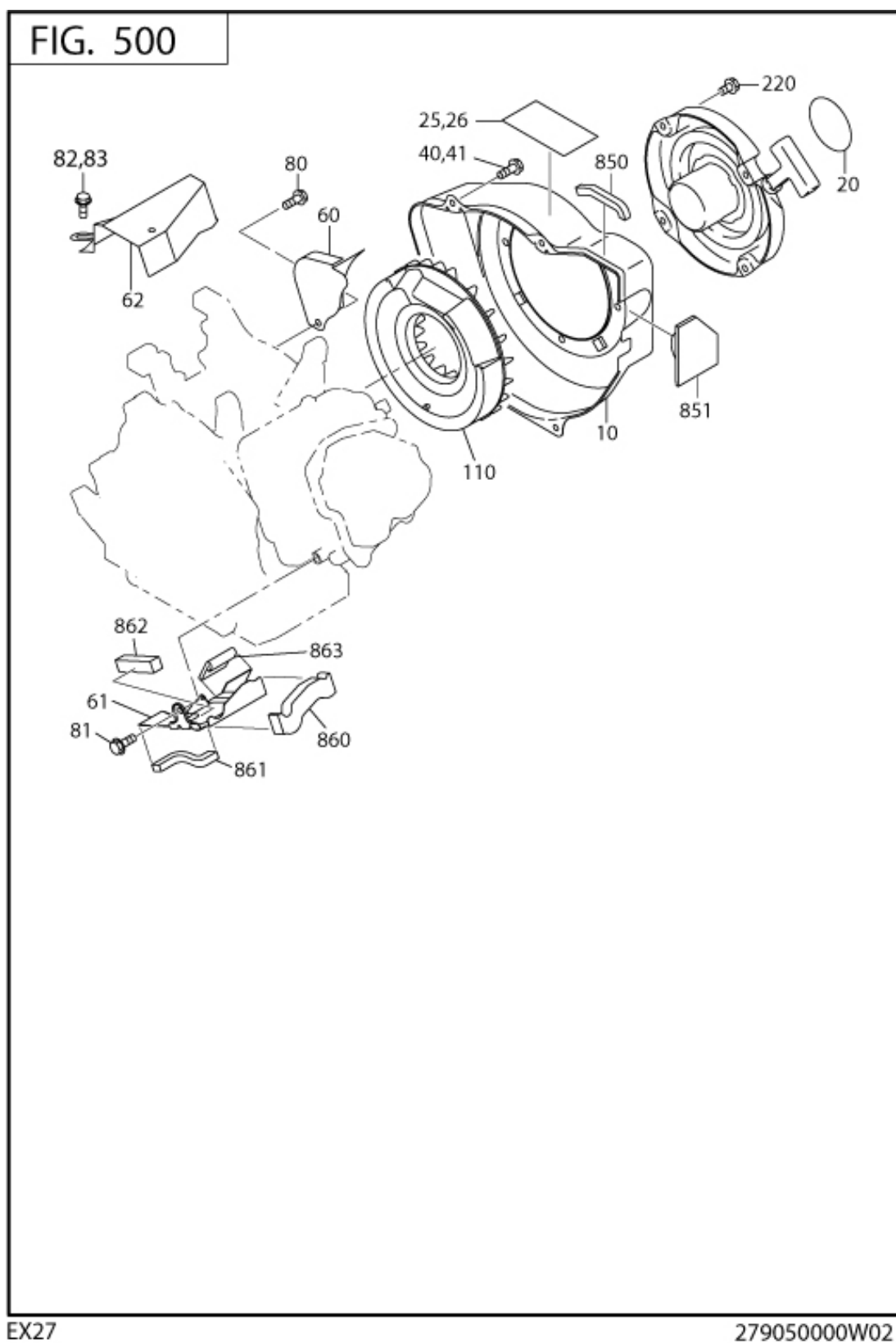
| Ref | Part Number. | Description         | Qty  | Remark                                                                                      |
|-----|--------------|---------------------|------|---------------------------------------------------------------------------------------------|
| 10  | 279-42301-53 | GOVERNOR LEVER      | 1.00 | Start Code: 6998. Start Date: 2/27/2006 0:00:00. Start Date: 12/31/9999 0:00:00.            |
| 20  | 277-42201-33 | GOVERNOR SHAFT      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 30  | 279-42701-11 | GOVERNOR ROD CP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 40  | 277-42801-23 | ROD SPRING          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 7DX0.5DX182L N=16.   |
| 50  | 003-13050-00 | CLIP                | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 60  | 013-00602-40 | BOLT AND WASHER AY  | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X25L W/TWO W.  |
| 70  | 018-60600-20 | NUT                 | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X4.9H SQUARE.  |
| 80  | 279-42502-63 | GOVERNOR SPRING     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 7.5DX0.7DX115L N=19. |
| 310 | 277-43303-01 | SPEED CONT.LEVER CP | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: W/SWIVEL.            |
| 322 | 277-43701-01 | LINK ROD CP         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 340 | 277-43502-03 | STOP PLATE          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 350 | 277-44501-03 | WASHER              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 355 | 021-70600-70 | FRICTION WASHER     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6.5DX24DX0.8T NYLON. |
| 360 | 004-31062-50 | SCREW,PANHEAD       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X25L.          |
| 365 | 237-45004-23 | SPRING (ADJUST)     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6.9DX0.9DX20L N=7.   |
| 395 | 277-43902-03 | CLAMP               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 396 | 013-10500-30 | SCREW AND WASHER AY | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M5X0.8X20L W/W,SW.   |
| 435 | 277-46002-01 | SPEED CONT.BRKT CP  | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 440 | 004-31040-80 | SCREW               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |

## 400 Governor

| Ref | Part Number. | Description   | Qty  | Remark                                                                                                     |
|-----|--------------|---------------|------|------------------------------------------------------------------------------------------------------------|
| 450 | 002-35060-00 | SELF LOCK NUT | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                                              |
| 480 | 277-45103-03 | RETURN SPRING | 1.00 | Start Code: 7031. Start Date: 4/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 7DX0.7DX28L N=15. |
| 485 | 011-00600-20 | FLANGE BOLT   | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX12L.                     |

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## 500 Cooling & Starting

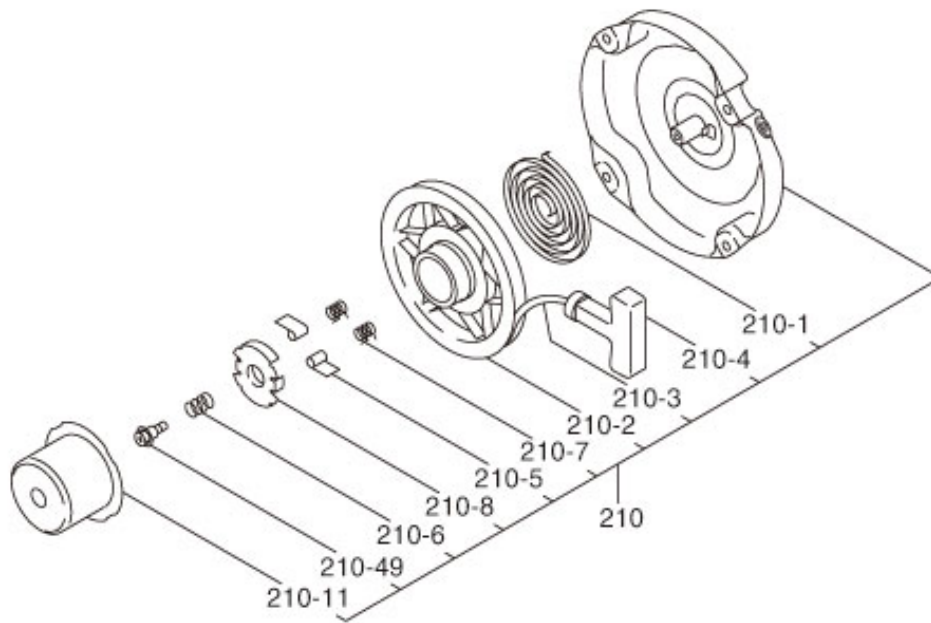


## 500 Cooling & Starting

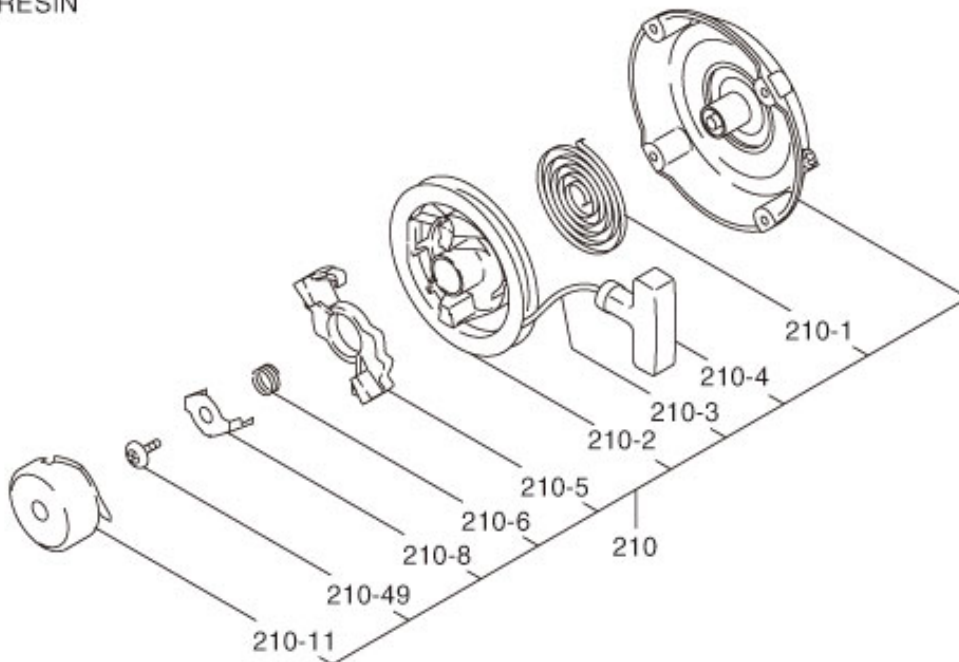
| Ref | Part Number. | Description       | Qty  | Remark                                                                                 |
|-----|--------------|-------------------|------|----------------------------------------------------------------------------------------|
| 10  | 279-51202-01 | BLOWER HOUSING CP | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: BLACK.          |
| 20  | 073-20054-70 | LABEL(TRADE MARK) | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 60D.            |
| 40  | 011-00600-30 | FLANGE BOLT       | 4.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX14L. |
| 60  | 279-52711-11 | BAFFLE 1(CASE) CP | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                          |
| 61  | 279-52702-13 | BAFFLE 2(HEAD)    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                          |
| 81  | 011-00600-20 | FLANGE BOLT       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX12L. |
| 220 | 011-00600-10 | FLANGE BOLT       | 4.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X14DX8L.  |

## 520 Cooling & Starting

FIG. 520



RESIN



EX27

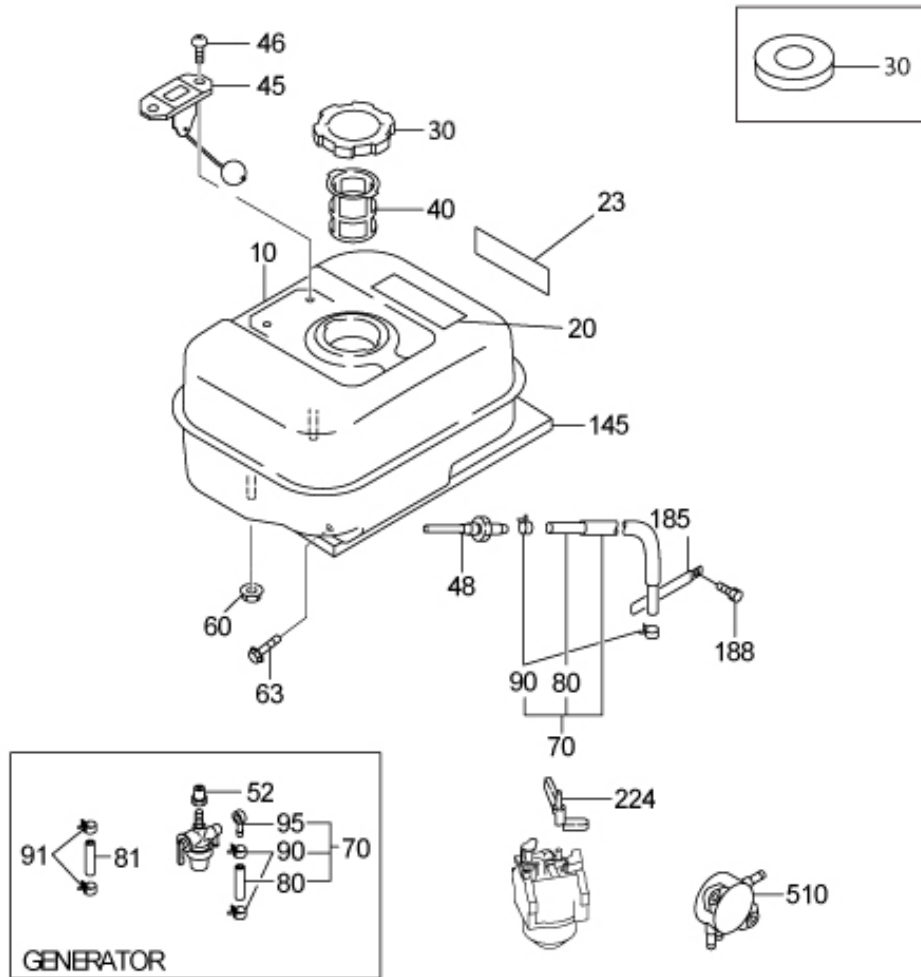
279052000W01

## 520 Cooling & Starting

| Ref | Part Number. | Description       | Qty  | Remark                                                                        |
|-----|--------------|-------------------|------|-------------------------------------------------------------------------------|
| 210 | 279-50202-00 | RECOIL STARTER AY | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 170PD. |
| 210 | 226-50716-08 | SPIRAL SPRING     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 279-50120-08 | REEL              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 279-50110-08 | STARTER ROPE      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 226-50701-08 | STARTER KNOB      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 279-50125-08 | RACHET            | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 226-50731-08 | FRICTION SPRING   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 226-50752-08 | RATCHET SPRING    | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 226-50741-08 | FRICTION PLATE    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 279-50145-08 | STARTER PULLEY    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |
| 210 | 226-50753-18 | CENTER SCREW      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                 |

## 600 Fuel & Lubricant

FIG. 600



EX27

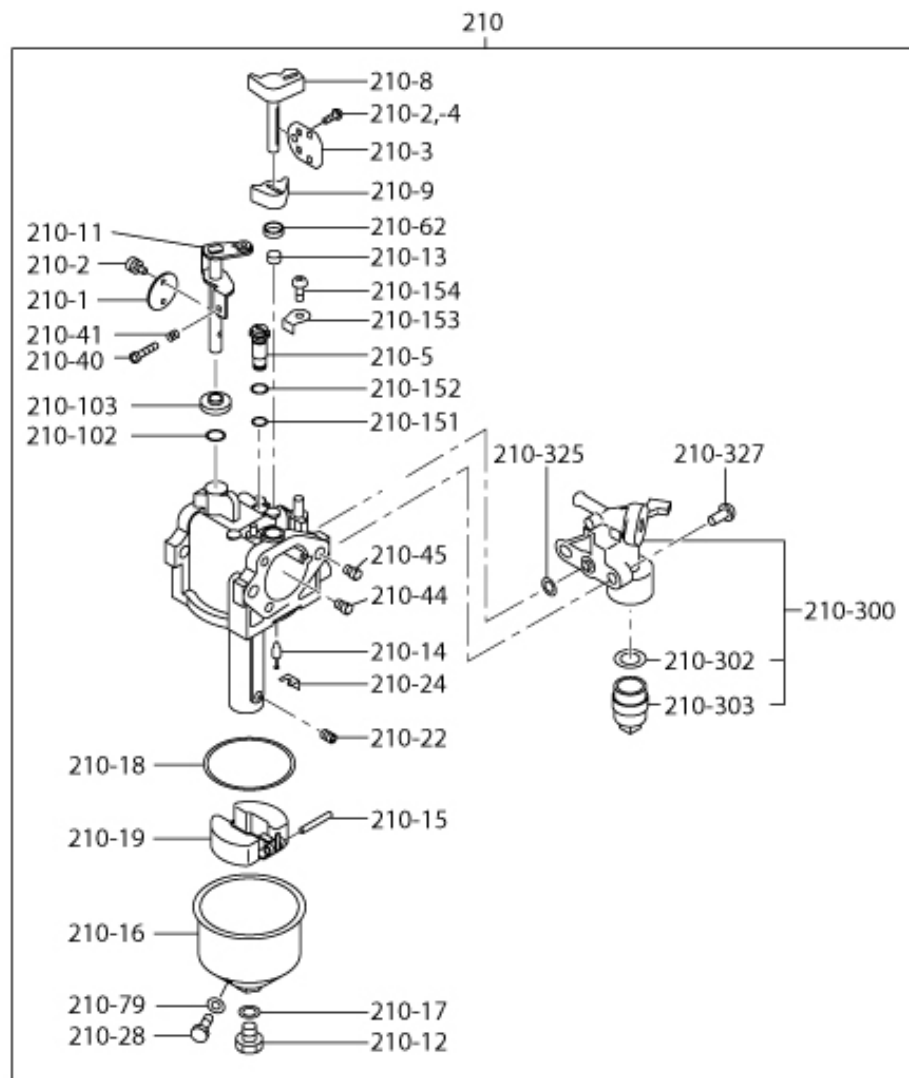
279060000W03

## 600 Fuel & Lubricant

| Ref | Part Number. | Description      | Qty  | Remark                                                                                      |
|-----|--------------|------------------|------|---------------------------------------------------------------------------------------------|
| 10  | 279-60102-11 | FUEL TANK CP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 6.1L BLACK.          |
| 20  | 073-20051-81 | LABEL(WARNING)   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 42X104 ENGLISH.      |
| 23  | 279-95111-03 | LABEL(MODEL)     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 32X125.              |
| 30  | 043-04400-50 | FUEL TANK CAP CP | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: 43DX68DX14H BLACK.   |
| 40  | X64-13600-10 | FUEL FILTER      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 48  | 050-51200-20 | UNION            | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M12X4DX78L W/FILTER. |
| 60  | 002-38080-00 | FLANGE NUT       | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X17DX7.5H.    |
| 63  | 011-00802-50 | FLANGE BOLT      | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M8X1.25X16DX25L.     |
| 70  | 279-62602-01 | FUEL PIPE CP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 80  | X85-10615-80 | RUBBER PIPE      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 85  | 279-64502-H1 | GLASS TUBE       | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |
| 90  | 056-11100-50 | HOSE CLAMP       | 2.00 | Start Code: 6972. Start Date: 2/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.             |
| 224 | 277-43801-01 | CHOKE LEVER CP   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                               |

## 640 Carburetor

FIG. 640



EX27

279064000W02

## 640 Carburetor

| Ref     | Part Number. | Description        | Qty  | Remark                                                                      |
|---------|--------------|--------------------|------|-----------------------------------------------------------------------------|
| 210-0   | 279-62301-40 | CARBURETOR AY      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-3   | 279-62525-08 | VALVE CHOKE        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-1   | 279-62535-08 | VALVE THROTTLE     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210302  | 277-62110-18 | PACKING            | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-152 | 279-62452-08 | O-RING             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210325  | 006-26100-61 | O-RING             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210327  | 279-62585-08 | SCREW              | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210303  | 277-62100-18 | CUP                | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-151 | 279-62451-08 | O-RING             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-12  | 251-62453-08 | SCREW              | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-5   | 279-62420-08 | JET SLOW           | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: #40. |
| 210-8   | 279-62520-08 | SHAFT CHOKE        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210300  | 279-62103-10 | COCK BODY-A        | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-19  | 279-62505-08 | FLOAT SUB ASSY     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-103 | 279-62562-08 | COLLAR             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-102 | 279-62561-08 | BUSH               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-79  | 285-62552-08 | GASKET             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-41  | 279-62445-08 | SPRING             | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-40  | 279-62353-18 | SCREW ADJUSTING    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-22  | 279-62400-08 | JET MAIN           | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: #98. |
| 210-11  | 279-62530-08 | SHAFT SUB ASSY(TH) | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |
| 210-18  | 279-62540-08 | GASKET CHAMBER     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.               |

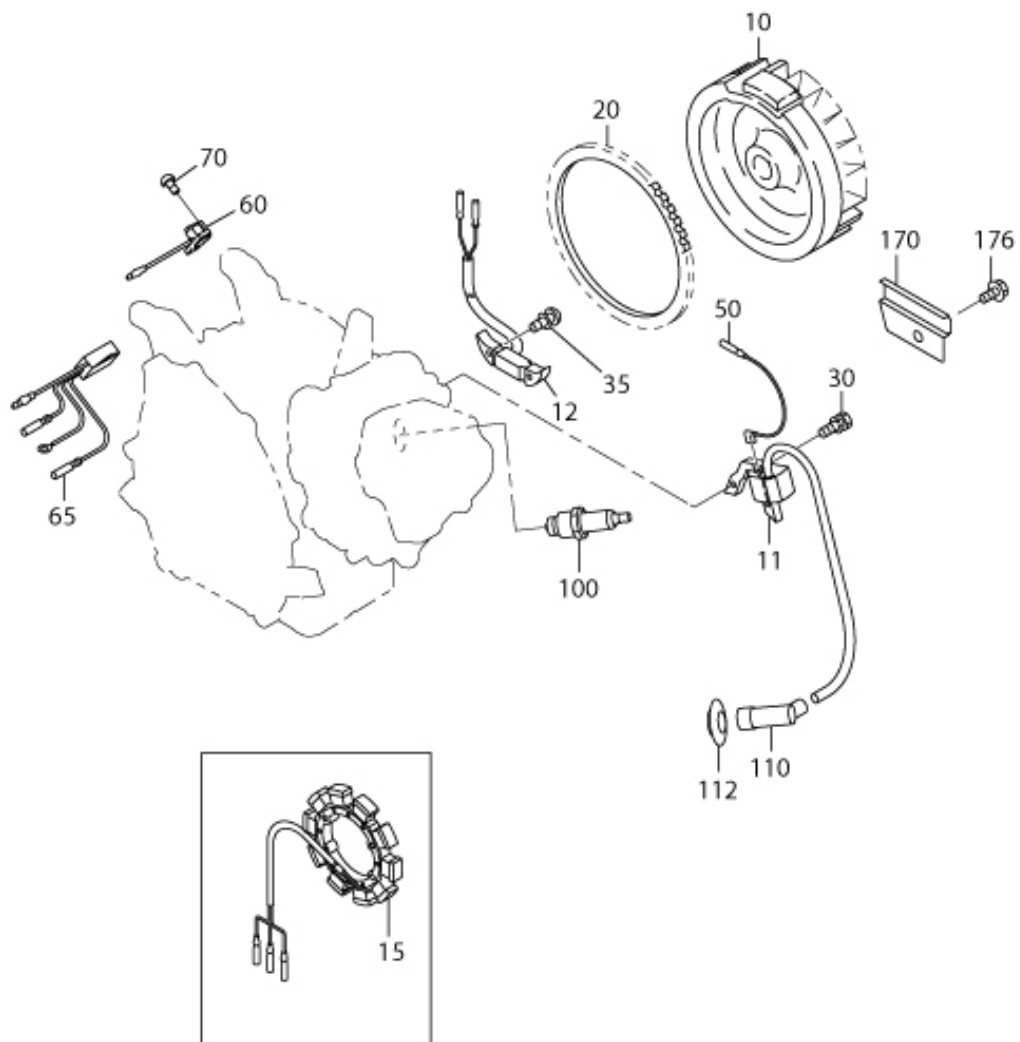
## 640 Carburetor

| Ref    | Part Number. | Description          | Qty  | Remark                                                        |
|--------|--------------|----------------------|------|---------------------------------------------------------------|
| 210-17 | 251-62350-08 | GASKET               | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |
| 210-16 | 285-62550-08 | FLOAT CHAMBER SUB AY | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |
| 210-15 | 279-62515-08 | PIN FLOAT LEVER      | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |
| 210-14 | 279-62500-08 | VALVE ASSY NEEDLE    | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |
| 210-2  | 251-62450-08 | SCREW                | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |
| 210-28 | 285-62551-08 | DRAIN SCREW          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |

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## 700 Electric Device

FIG. 700



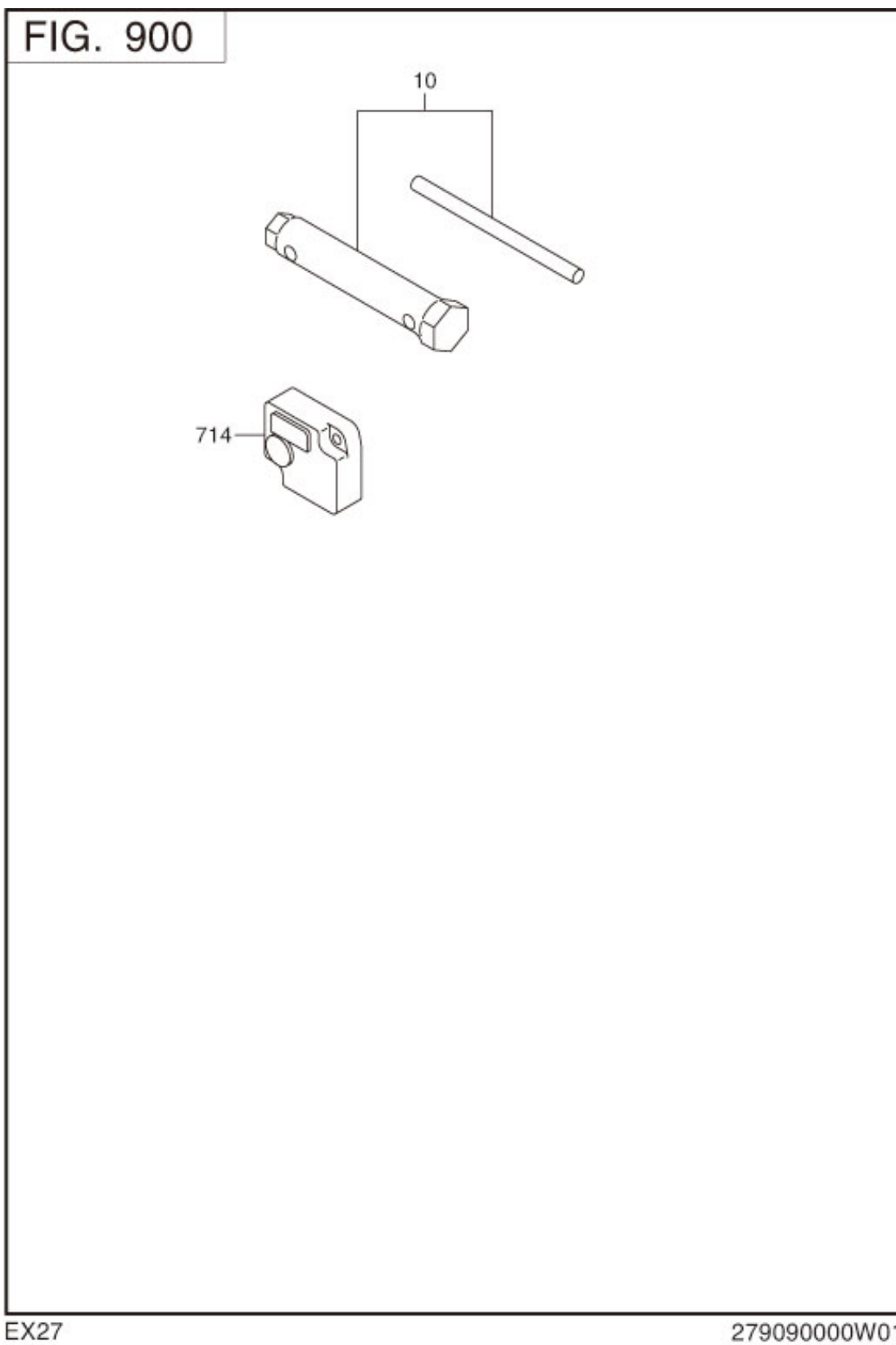
EX27

279070000W03

## 700 Electric Device

| Ref | Part Number. | Description        | Qty  | Remark                                                                                    |
|-----|--------------|--------------------|------|-------------------------------------------------------------------------------------------|
| 10  | 279-79231-01 | FLYWHEEL CP        | 1.00 | Start Code: 7061. Start Date: 5/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.           |
| 11  | 279-79430-01 | IGNITION COIL CP   | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: MARK AB.           |
| 30  | 001-14062-50 | BOLT AND WASHER AY | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M6X1.0X25L W/W,SW. |
| 50  | 277-73101-H1 | WIRE 1 CP          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: L=360 BLACK.       |
| 60  | X66-00004-20 | SWITCH AY          | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                             |
| 70  | 015-00400-90 | TAPPING SCREW      | 2.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: M4X12L.            |
| 100 | 065-01401-50 | SPARK PLUG         | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. Remarks: NGK BR6HS.         |
| 110 | 065-50002-70 | SPARK PLUG CAP     | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00.                             |

## 900 Accessory



## 900 Accessory

| Ref | Part Number. | Description        | Qty  | Remark                                                        |
|-----|--------------|--------------------|------|---------------------------------------------------------------|
| 10  | 277-90301-H0 | ACCESSORY TOOL KIT | 1.00 | Start Date: 1/1/2006 0:00:00. Start Date: 12/31/9999 0:00:00. |

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| 226-50741-08 | 23            | 279-33601-03 | 11   |              |      |
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