

# PARTS MANUAL

MODEL  
**Parts**  
**Manual**

EH650DB5430

05/13



**SUBARU**

Industrial Power Products

**Subaru Industrial Power Products**

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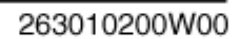
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## FIG. 102



## 100 Crankcase

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 10  | 263-1011121  | CRANK CASE CP        | 1   |        |
| 20  | 263-14211-03 | VALVE GUIDE          | 2   |        |
| 21  | 056-51000-50 | CLIP                 | 1   |        |
| 22  | 263-14211-03 | VALVE GUIDE          | 2   |        |
| 23  | 056-51000-50 | CLIP                 | 1   |        |
| 26  | 132-07AA0-50 | SEAL-INT VALVE       | 1   |        |
| 27  | 132-07AA0-50 | SEAL-INT VALVE       | 1   |        |
| 28  | 263-35341-03 | RETAINER PLATE       | 1   |        |
| 29  | 263-35341-03 | RETAINER PLATE       | 1   |        |
| 40  | 263-15805-03 | MAIN BEARING         | 1   |        |
| 50  | 031-00801-10 | DOWEL PIN            | 2   |        |
| 55  | 263-55601-03 | PIPE                 | 2   |        |
| 60  | 010-50802-90 | STUD                 | 4   |        |
| 61  | 010-50802-90 | STUD                 | 4   |        |
| 75  | 044-00800-10 | OIL SEAL             | 1   |        |
| 80  | 040-11400-30 | PLUG                 | 2   |        |
| 85  | 235-15421-03 | BLIND PLUG           | 1   |        |
| 90  | 021-11400-20 | GASKET               | 2   |        |
| 130 | 159-65401-03 | PIPE(PULSE)          | 1   |        |
| 195 | 263-15901-03 | UNION                | 1   |        |
| 200 | 248-76301-01 | SWITCH OIL PRESSURE  | 1   |        |
| 210 | 263-11001-51 | MAINBEARING COVER CP | 1   |        |
| 220 | 044-04200-30 | OIL SEAL             | 1   |        |
| 230 | 60-04500-20  | BALL BEARING         | 1   |        |
| 250 | 263-45004-01 | GOVERNOR GEAR CP     | 1   |        |
| 255 | 263-46215-A3 | THRUST BEARING       | 1   |        |
| 257 | 263-46214-03 | WASHER               | 2   |        |
| 260 | 277-41902-03 | GOVERNOR SLEEVE      | 1   |        |
| 290 | 263-16002-A3 | GASKET (M.B COVER)   | 1   |        |
| 300 | 011-00802-20 | FLANGE BOLT          | 10  |        |
| 610 | 263-13211-11 | CYLINDER HEAD 1 CP   | 1   |        |
| 615 | 263-13311-11 | CYLINDER HEAD 2 CP   | 1   |        |
| 620 | 263-15021-41 | GASKET 1 (CYL HEAD)  | 1   |        |
| 621 | 263-15121-31 | GASKET 2 (CYL HEAD)  | 1   |        |
| 630 | 011-01000-70 | FLANGE BOLT          | 8   |        |
| 680 | 263-15505-03 | ROCKER COVER         | 1   |        |
| 681 | 263-15503-03 | ROCKER COVER         | 1   |        |
| 690 | 263-16101-A3 | GASKET(ROCKER COVER) | 2   |        |
| 700 | 031-00600-20 | DOWEL PIN            | 4   |        |

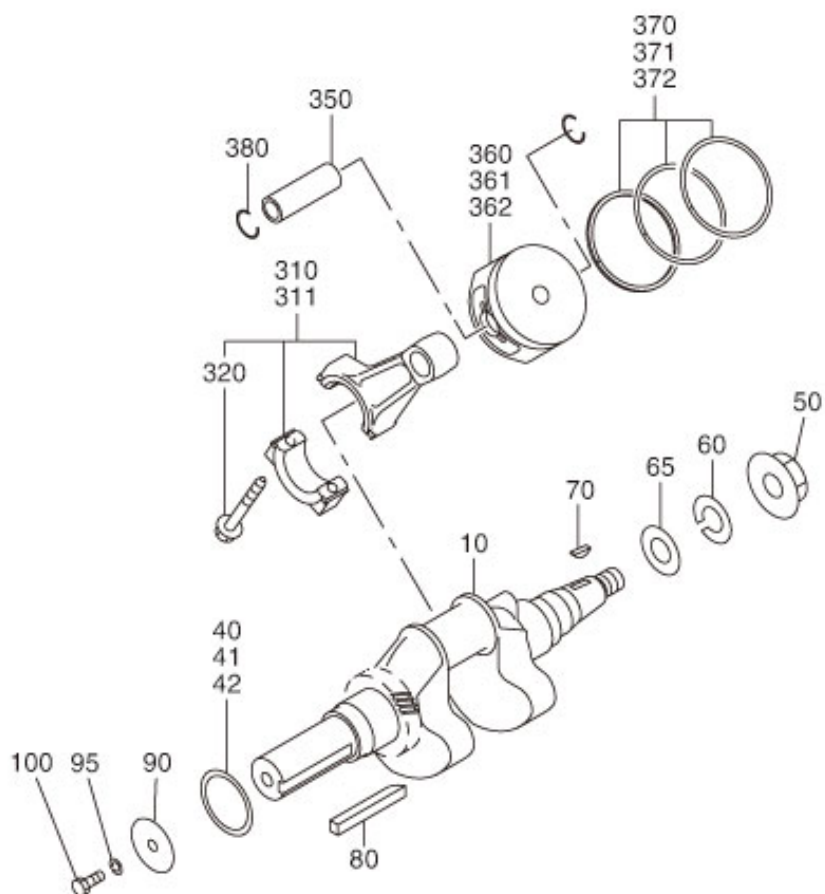
## 100 Crankcase

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 710 | 011-00601-01 | FLANGE BOLT          | 8   |        |
| 800 | 280-19001-03 | HOOK                 | 2   |        |
| 810 | 263-14301-03 | BREATHER COVER       | 1   |        |
| 820 | 280-14401-A1 | BREATHER PLATE CP    | 1   |        |
| 830 | 263-16006-03 | GASKET(BREATHERPLATE | 2   |        |
| 860 | 011-00600-30 | FLANGE BOLT          | 2   |        |
| 960 | 263-99001-27 | GASKET SET           | 1   |        |

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## 200 Crankshaft

FIG. 200



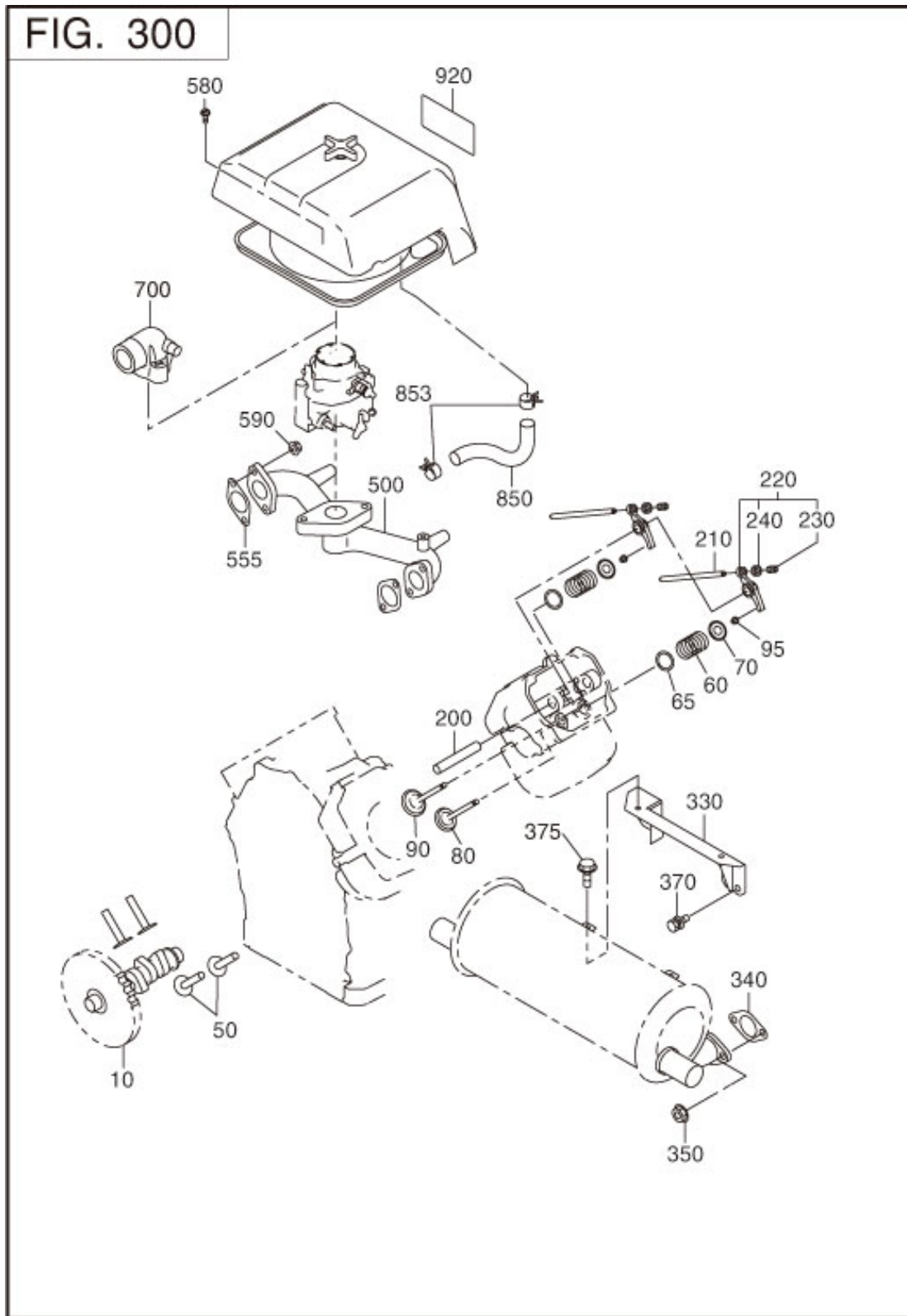
EH65/64/63

263020000W01

## 200 Crankshaft

| Ref | Part Number. | Description       | Qty | Remark |
|-----|--------------|-------------------|-----|--------|
| 10  | 263-20922-11 | CRANK SHAFT CP    | 1   |        |
| 40  | 263-25012-A3 | SPACER            | 1   |        |
| 41  | 263-25013-A3 | SPACER            | 1   |        |
| 42  | 263-25014-A3 | SPACER            | 1   |        |
| 50  | 018-01800-10 | FLANGE NUT        | 1   |        |
| 65  | 003-10180-00 | WASHER            | 1   |        |
| 70  | 005-32054-01 | WOODRUFF KEY      | 1   |        |
| 80  | 005-30105-01 | KEY               | 1   |        |
| 90  | 020-01000-30 | WASHER            | 1   |        |
| 95  | 003-20100-00 | SPRING WASHER     | 1   |        |
| 100 | 001-66102-50 | BOLT              | 1   |        |
| 310 | 263-22601-30 | CONNECTING ROD AY | 2   |        |
| 320 | 001-05084-00 | FLANGE BOLT       | 2   |        |
| 350 | 263-23301-23 | PISTON PIN        | 2   |        |
| 360 | 263-23421-J3 | PISTON            | 2   |        |
| 370 | 263-23501-17 | PISTON RING SET   | 2   |        |
| 380 | 056-52100-20 | CLIP              | 4   |        |

## 300 Intake & Exhaust



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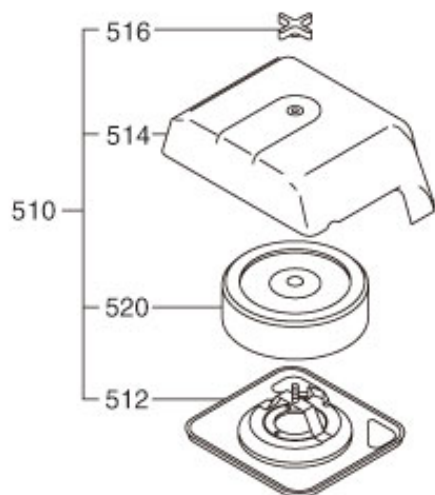
263030000W01

## 300 Intake & Exhaust

| Ref | Part Number. | Description         | Qty | Remark |
|-----|--------------|---------------------|-----|--------|
| 10  | 280-31701-13 | CAM SHAFT           | 1   |        |
| 50  | 263-33301-A3 | TAPPET              | 4   |        |
| 60  | 246-33611-03 | VALVE SPRING        | 4   |        |
| 70  | 246-33711-13 | SPRING RETAINER     | 4   |        |
| 80  | 263-33401-H3 | INTAKE VALVE        | 2   |        |
| 90  | 263-33502-H3 | EXHAUST VALVE       | 2   |        |
| 95  | 246-35501-03 | COLLET-VALVE        | 8   |        |
| 210 | 263-35322-A1 | PUSH ROD CP         | 4   |        |
| 220 | 267-36102-03 | ROCKER ARM          | 4   |        |
| 230 | 261-35801-13 | BOLT(PIVOT)         | 4   |        |
| 235 | 267-35701-03 | PIVOT               | 4   |        |
| 240 | 017-00601-10 | NUT                 | 4   |        |
| 260 | 263-37002-A3 | GUIDE PLATE         | 2   |        |
| 350 | 018-00800-10 | FLANGE NUT          | 4   |        |
| 500 | 280-33001-C3 | INTAKE MANIFOLD     | 1   |        |
| 555 | 263-35503-A3 | GASKET(IN MANIFOLD) | 2   |        |
| 580 | 011-00600-20 | FLANGE BOLT         | 3   |        |
| 590 | 002-38080-00 | FLANGE NUT          | 4   |        |
| 850 | 263-18003-03 | RUBBER PIPE         | 1   |        |
| 853 | 056-12000-20 | HOSE CLAMP          | 2   |        |
| 920 | 263-91722-03 | LABEL(TRADE MARK)   | 1   |        |

## 315 Intake & Exhaust

FIG. 315



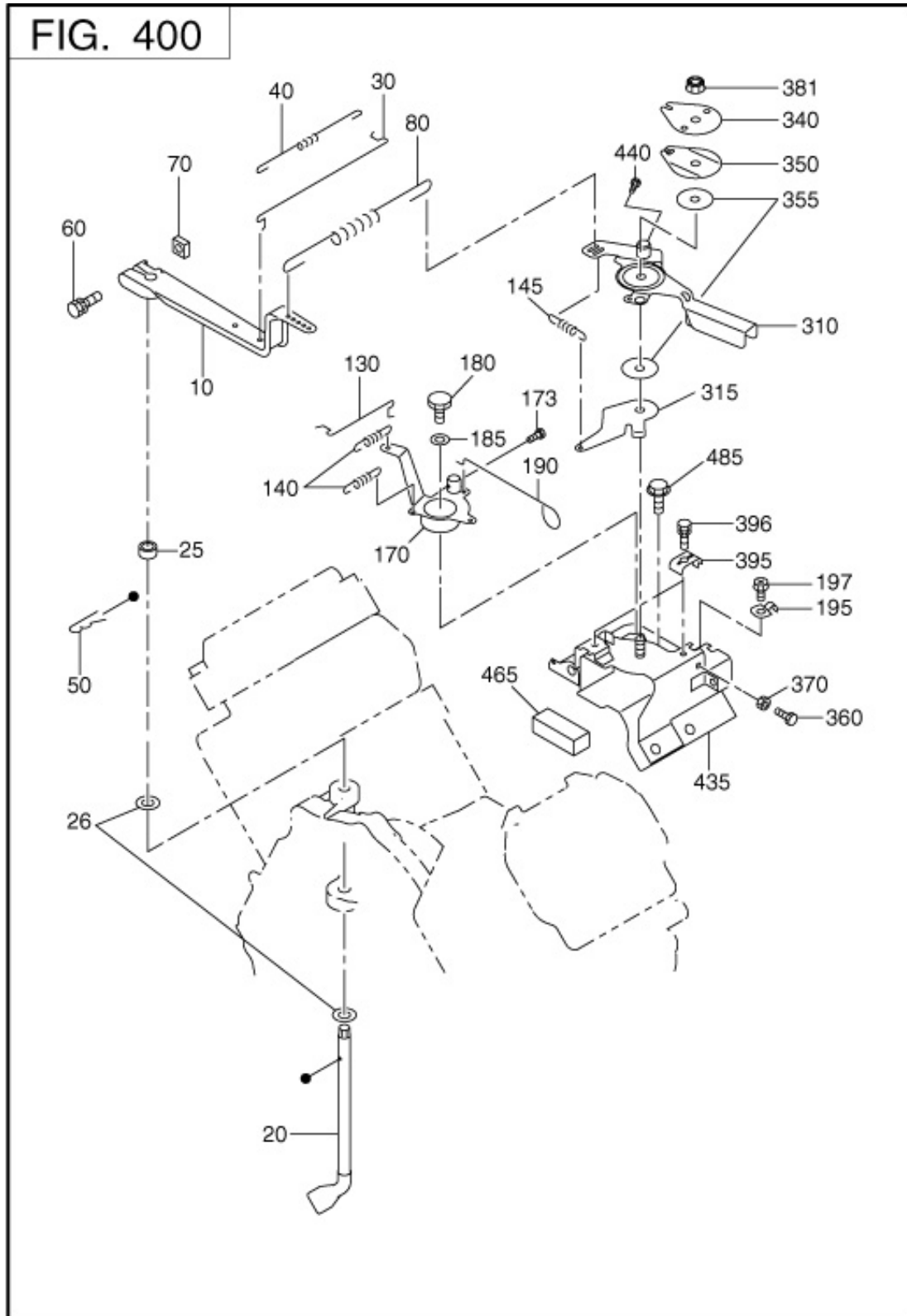
EH65/64/63

263031500W01

## 315 Intake & Exhaust

| Ref | Part Number. | Description        | Qty | Remark |
|-----|--------------|--------------------|-----|--------|
| 510 | 280-32602-00 | AIR CLEANER AY     | 1   |        |
| 512 | 280-32625-01 | CLEANER BASE CP    | 1   |        |
| 514 | 263-32630-03 | CLEANER COVER      | 1   |        |
| 516 | 263-32640-01 | WING NUT           | 1   |        |
| 520 | 263-32610-A1 | CLEANER ELEMENT CP | 1   |        |

# 400 Governor



EH65/64/63

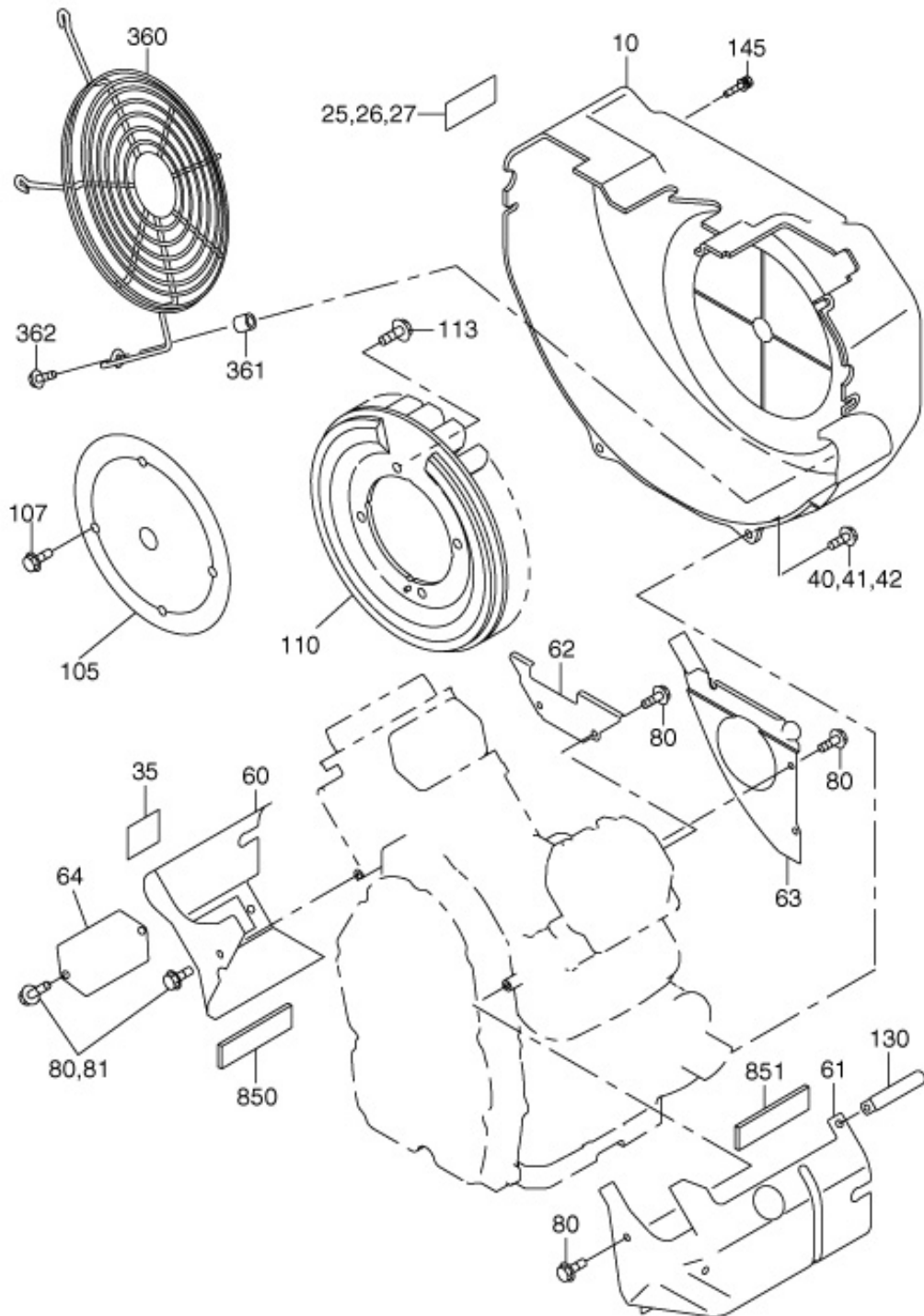
263040001W01

## 400 Governor

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 10  | 263-42301-B3 | GOVERNOR LEVER       | 1   |        |
| 20  | 263-42201-A3 | GOVERNOR SHAFT       | 1   |        |
| 25  | X23-00801-50 | SPACER               | 1   |        |
| 26  | 003-10080-00 | WASHER               | 2   |        |
| 30  | 263-42701-13 | GOVERNOR ROD         | 1   |        |
| 40  | 263-42801-13 | ROD SPRING           | 1   |        |
| 50  | 005-11060-01 | SNAP PIN             | 1   |        |
| 60  | 001-14063-00 | BOLT AND WASHER AY   | 1   |        |
| 70  | 018-60600-20 | NUT                  | 1   |        |
| 80  | 263-42503-03 | GOVERNOR SPRING      | 1   |        |
| 130 | 263-46011-13 | CHOKE CONTROL ROD    | 1   |        |
| 140 | 261-45201-13 | RETURN SPRING        | 2   |        |
| 170 | 263-46001-01 | CHOKE CONTROL LINKCP | 1   |        |
| 173 | 004-31040-80 | SCREW                | 1   |        |
| 180 | 226-43101-01 | LINK PIVOT CP        | 1   |        |
| 185 | 003-22100-00 | WAVED WASHER         | 1   |        |
| 190 | 263-43901-13 | CHOKE KNOB           | 1   |        |
| 195 | 263-46010-03 | CLAMP(CHOKE KNOB)    | 1   |        |
| 197 | 015-20500-10 | TAPPING SCREW        | 1   |        |
| 310 | 263-43301-A3 | SPEED CONTROL LEV CP | 1   |        |
| 340 | 227-43501-13 | STOP PLATE           | 1   |        |
| 350 | 263-45002-03 | SPRING WASHER        | 1   |        |
| 355 | 021-70600-30 | FRICTION WASHER      | 2   |        |
| 360 | 011-50500-20 | BOLT                 | 2   |        |
| 370 | 002-27050-00 | NUT                  | 2   |        |
| 381 | 002-35060-00 | SELF LOCK NUT        | 1   |        |
| 395 | 261-43901-03 | CLAMP                | 2   |        |
| 396 | 001-17052-00 | BOLT & WASHER AY     | 2   |        |
| 435 | 263-45011-A2 | BRACKET UN(SPD CTL)  | 1   |        |
| 440 | 004-31040-80 | SCREW                | 1   |        |
| 485 | 011-00600-20 | FLANGE BOLT          | 2   |        |

## 500 Cooling & Starting

FIG. 500



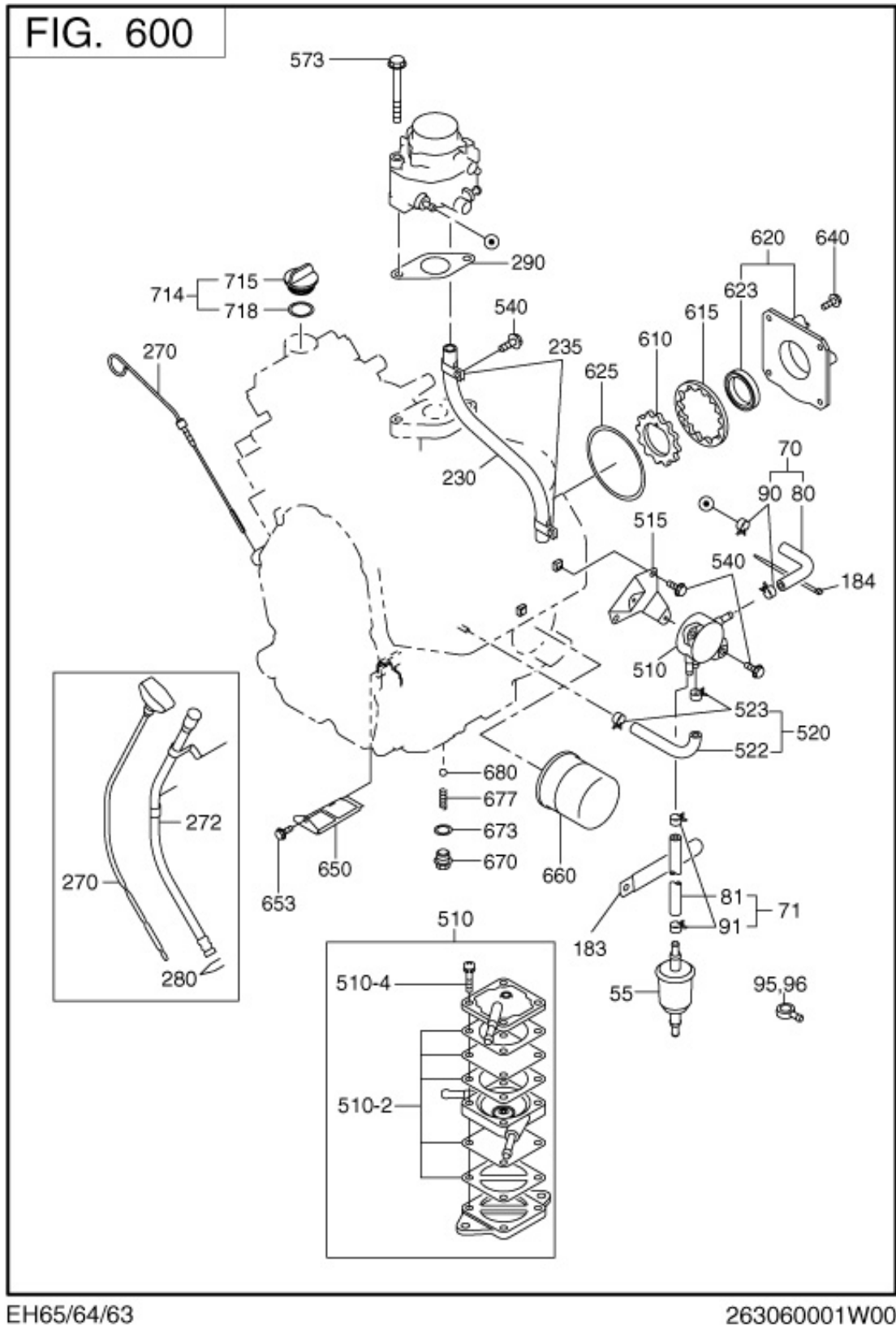
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263050001W00

## 500 Cooling & Starting

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 10  | 263-51121-B2 | BLOWER HOUSING UN    | 1   |        |
| 25  | 073-20049-80 | LABEL(CAUTION)       | 1   |        |
| 35  | 263-91802-03 | LABEL(ENGINE NAME)   | 1   |        |
| 40  | 011-00600-30 | FLANGE BOLT          | 8   |        |
| 60  | 263-52612-A1 | CYLINDER BAFFLE 1 CP | 1   |        |
| 61  | 263-52704-A1 | CYLINDER BAFFLE 2 CP | 1   |        |
| 62  | 263-52801-03 | CYLINDER BAFFLE 3    | 1   |        |
| 63  | 263-52912-A2 | CYLINDER BAFFLE 4 UN | 1   |        |
| 80  | 011-00600-20 | FLANGE BOLT          | 8   |        |
| 110 | 263-54101-H2 | COOLING BLOWER UN    | 1   |        |
| 113 | 001-14061-60 | BOLT AND WASHER AY   | 4   |        |

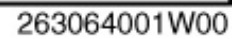
## 600 Fuel & Lubricant



## 600 Fuel & Lubricant

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 55  | 263-65012-A3 | FILTER,FUEL          | 1   |        |
| 80  | 263-68006-B3 | RUBBER PIPE          | 1   |        |
| 81  | 263-68007-B3 | RUBBER PIPE          | 1   |        |
| 90  | 263-68501-03 | HOSE CLAMP           | 2   |        |
| 91  | 263-68501-03 | HOSE CLAMP           | 2   |        |
| 183 | 056-61000-21 | CLAMP                | 1   |        |
| 230 | 085-10301-10 | RUBBER PIPE          | 1   |        |
| 235 | 206-75501-01 | CLAMP CP             | 2   |        |
| 270 | 263-63603-01 | OIL GAUGE CP         | 1   |        |
| 290 | 263-66201-A3 | GASKET(CARBURETOR)   | 1   |        |
| 510 | 267-62201-10 | FUEL PUMP AY         | 1   |        |
| 515 | 263-65002-A3 | BRACKET(FUEL PUMP)   | 1   |        |
| 520 | 263-62653-B1 | PULSE PIPE CP        | 1   |        |
| 522 | 263-68008-B3 | RUBBER PIPE          | 1   |        |
| 523 | 263-68501-03 | HOSE CLAMP           | 2   |        |
| 540 | 011-00600-20 | FLANGE BOLT          | 5   |        |
| 573 | 011-00801-10 | FLANGE BOLT          | 2   |        |
| 610 | 263-63901-03 | INNER ROTOR          | 1   |        |
| 615 | 263-63902-03 | OUTER ROTOR          | 1   |        |
| 620 | 263-64002-01 | OIL PUMP COVER CP    | 1   |        |
| 623 | 044-03501-70 | OIL SEAL             | 1   |        |
| 625 | X24-08900-30 | O RING               | 1   |        |
| 640 | 011-00600-30 | FLANGE BOLT          | 4   |        |
| 650 | 263-64302-02 | OIL PUMP FILTER UN   | 1   |        |
| 653 | 263-65011-A3 | FLANGE BOLT          | 1   |        |
| 660 | 248-65801-00 | OIL FILTER AY        | 1   |        |
| 670 | 263-65001-13 | PLUG(OIL RELIEF)     | 1   |        |
| 673 | 003-70140-00 | GASKET,ALUMINUM      | 1   |        |
| 677 | 263-66001-03 | SPRING(RELIEF VALVE) | 1   |        |
| 680 | 006-90308-00 | STEEL BALL           | 1   |        |
| 715 | 280-63602-A1 | OIL FILLER CAP CP    | 1   |        |
| 718 | 263-64414-A3 | O RING               | 1   |        |

## FIG. 640

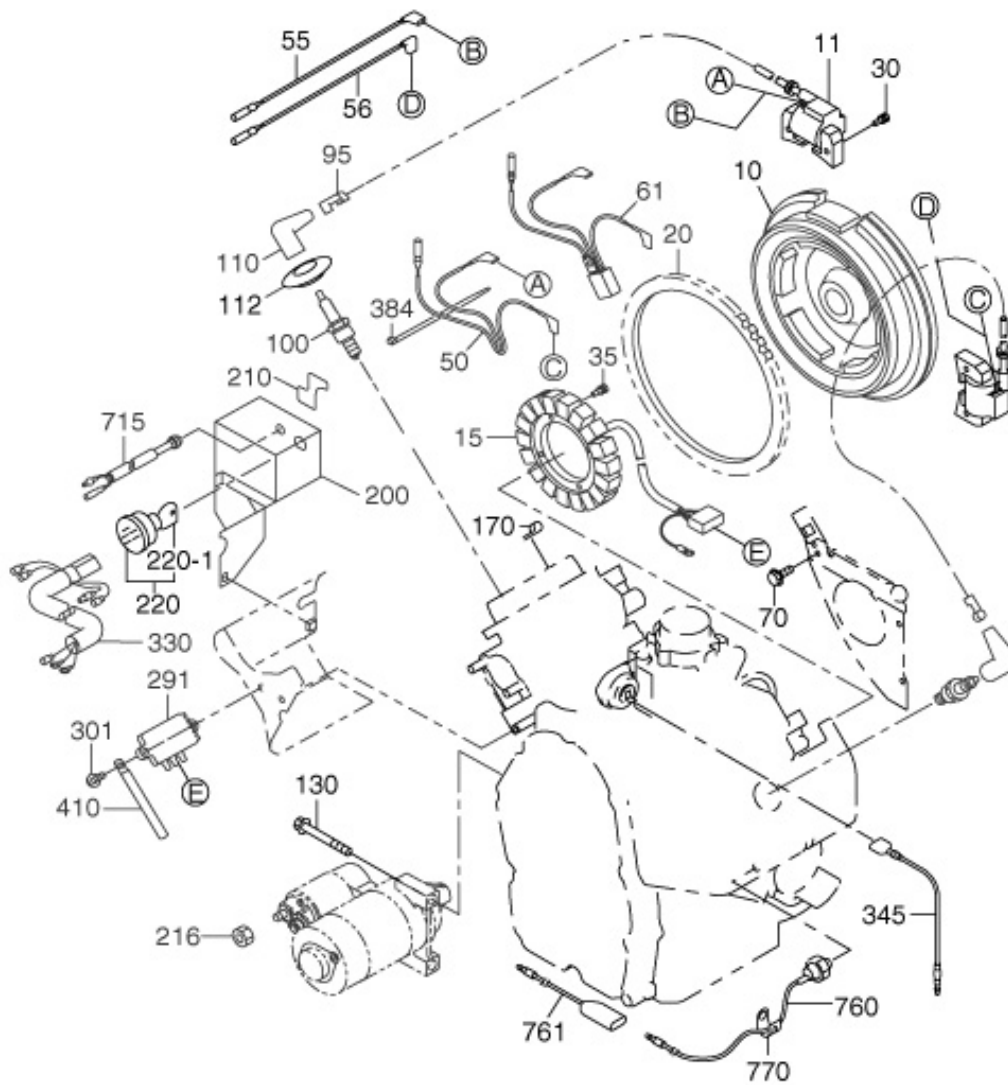


## 640 Fuel & Lubricant

| Ref  | Part Number. | Description          | Qty | Remark |
|------|--------------|----------------------|-----|--------|
| 210  | 263-62481-10 | CARBURETOR AY        | 1   |        |
| -1   | 263-62535-08 | VALVE,THROTTLE       | 1   |        |
| -2   | 261-62352-08 | SCREW,VALVE SET      | 2   |        |
| -3   | 263-62528-08 | VALVE,CHOKE          | 1   |        |
| -4   | 258-62555-08 | SCREW SET(VALVE)     | 2   |        |
| -5   | 258-62420-08 | JET(SLOW)            | 1   |        |
| -8   | 263-62520-08 | SHAFT ASSY,CHOKE     | 1   |        |
| -11  | 263-62531-08 | SHAFT ASSY,THROTTLE  | 1   |        |
| -13  | 258-62551-08 | RING(CHOKE LEVER)    | 1   |        |
| -14  | 226-62501-08 | VALVE,FLOAT          | 1   |        |
| -15  | 258-62515-08 | FLOAT PIN            | 1   |        |
| -18  | 280-62545-08 | GASKET,AIR HORN      | 1   |        |
| -19  | 280-62505-08 | FLOAT                | 1   |        |
| -22  | 263-62400-08 | JET,MAIN             | 1   |        |
| -28  | 215-62353-08 | SCREW,DRAIN          | 1   |        |
| -29  | 215-62446-08 | SPRING,DRAIN         | 1   |        |
| -38  | 258-62556-08 | SCREW SET(FLOAT PIN) | 1   |        |
| -40  | 263-62451-08 | SCREW,THRO.ADJUST    | 1   |        |
| -41  | 258-62445-08 | SPRING(ADJUST SCREW) | 1   |        |
| -57  | 258-62450-08 | SCREW SET(AIR HORN)  | 4   |        |
| -59  | 263-62560-08 | O-RING,AIR HORN      | 1   |        |
| -61  | 280-62551-08 | COLLAR,CHOKE         | 1   |        |
| -62  | 258-62554-08 | FILTER(CHOKE SHAFT)  | 1   |        |
| -93  | 263-62524-08 | LEVER ASSY,CHOKE     | 1   |        |
| -94  | 263-62445-08 | SPRING,CHOKE         | 1   |        |
| -102 | 226-62580-08 | FILTER,AIR           | 1   |        |
| -103 | 258-62570-08 | COLLAR(THRO.SHAFT)   | 1   |        |
| -125 | 263-62556-08 | VALVE CP,(SOLENOID)  | 1   |        |
| -126 | 258-62546-08 | GASKET,MAIN PASSAGE  | 1   |        |
| -129 | 258-62566-08 | CLAMP(SOLENOID)WIRE  | 1   |        |
| -136 | 263-62555-08 | GASKET               | 1   |        |
| -195 | 263-62552-08 | PLUG                 | 1   |        |

## 700 Electric Device

FIG. 700



EH65/64/63

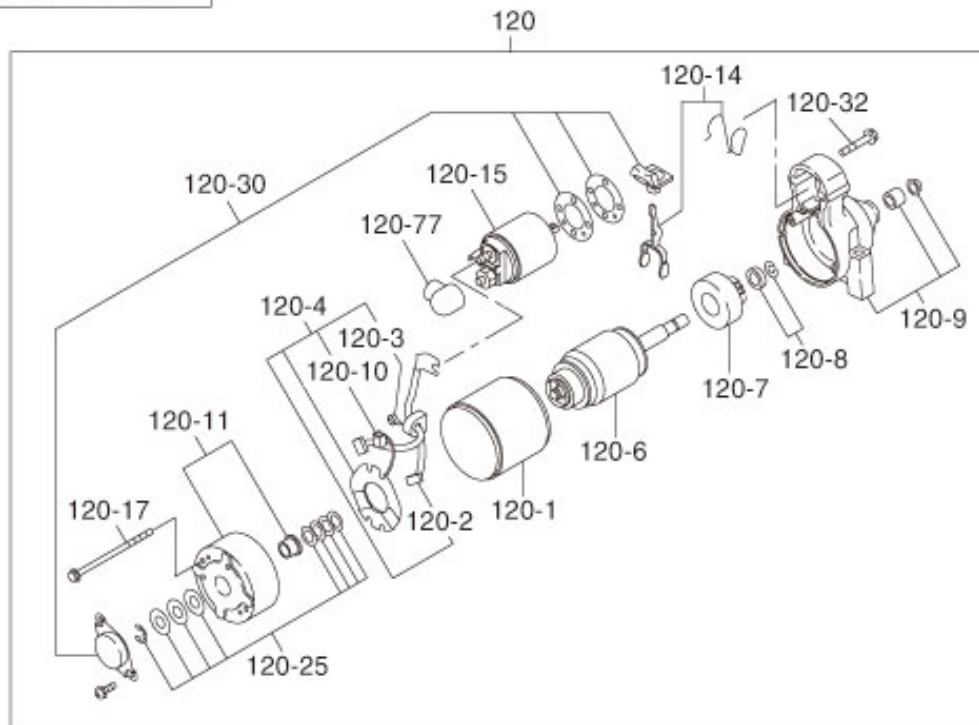
263070001W00

## 700 Electric Device

| Ref | Part Number. | Description          | Qty | Remark |
|-----|--------------|----------------------|-----|--------|
| 10  | 263-77207-01 | FLYWHEEL CP          | 1   |        |
| 11  | 263-78203-01 | IGNITION COIL CP     | 2   |        |
| 15  | 263-79411-A1 | CHARGE COIL CP       | 1   |        |
| 20  | 263-71002-H3 | RING GEAR            | 1   |        |
| 30  | 001-14062-50 | BOLT AND WASHER AY   | 4   |        |
| 35  | 001-16052-00 | BOLT AND WASHER AY   | 4   |        |
| 50  | 263-73126-H1 | WIRE CP(IG.COIL)     | 1   |        |
| 61  | KU3-11052-21 | STOP DIODE CP        | 1   |        |
| 70  | 011-00600-10 | FLANGE BOLT          | 1   |        |
| 95  | 065-90000-10 | PLUG TERMINAL        | 2   |        |
| 100 | 065-01402-80 | SPARK PLUG           | 2   |        |
| 110 | X65-51000-10 | SPARK PLUG CAP       | 2   |        |
| 130 | 011-00801-00 | FLANGE BOLT          | 2   |        |
| 216 | 002-38080-00 | FLANGE NUT           | 1   |        |
| 291 | 263-71901-01 | REGULATOR CP         | 1   |        |
| 301 | 011-00601-40 | FLANGE BOLT          | 2   |        |
| 330 | 263-73130-A1 | WIRING HARNESS       | 1   |        |
| 384 | 056-30000-10 | WIRE BAND            | 3   |        |
| 410 | 056-60002-50 | CLAMP                | 1   |        |
| 760 | 263-73102-11 | WIRE AY(OIL PRE.SW.) | 1   |        |
| 770 | 206-75501-01 | CLAMP CP             | 2   |        |

## 730 Electric Device

FIG. 730



EH65/64/63

263073000W01

## 730 Electric Device

| Ref | Part Number. | Description    | Qty | Remark |
|-----|--------------|----------------|-----|--------|
| 120 | 263-70504-J0 | STARTING MOTOR | 1   |        |

# Part Number Index

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