

**ISUZU**

**DIESEL ENGINE**

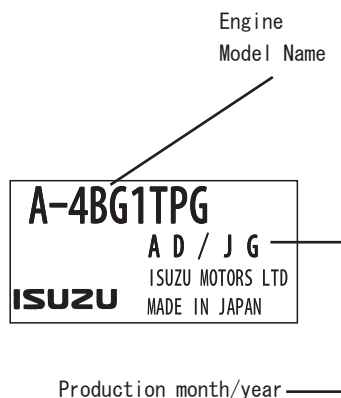
**6BG1 TRD03**

**PARTS CATALOG**



# How to search for the Part Number

## © ID Plate information



(Engine Model Name, Production Month/Year)

Indicated in alphabetical character on the ID Plate.

(A=0, B=1, C=2, D=3, etc. ).

A D / J G

(Month/Year)

For example:

March '96

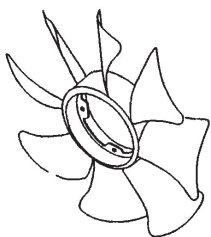
0 3 / 9 6



## Parts Catalog

### ILLUSTRATION

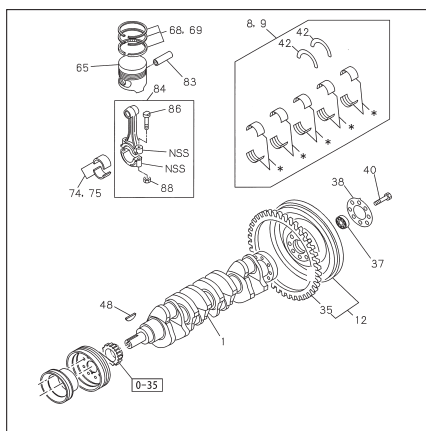
### Check the Part



- Type of Part
- Place where the part is installed

(Part Name)

### 0-15 CRANKSHAFT, PISTON AND FLYWHEEL



### TEXT

| KEY No. | Part no.                         | qty | Part description                     | Applied Date |
|---------|----------------------------------|-----|--------------------------------------|--------------|
| 335 (A) | 5-09605-018-0                    | 8   | PLUG; C/BL(R)<br>PT1/8 L=8 SQUARE HD |              |
| 335 (D) | 5-09604-012-0<br><9-99202-312-0> | 1   | PLUG; C/BL(R)<br>M12X9               | 8508-1304    |
| 335 (D) | 0-92002-412-0                    | 1   | PLUG; C/BL(R)<br>M12X9               | 1305-        |



## 2. How to interpret the Text

| KEY No. | Part no.                         | qty | Part description                     | Applied Date |
|---------|----------------------------------|-----|--------------------------------------|--------------|
| 335 (A) | 5-09605-018-0                    | 8   | PLUG; C/BL(R)<br>PT1/8 L=8 SQUARE HD |              |
| 335 (D) | 5-09604-012-0<br><9-99202-312-0> | 1   | PLUG; C/BL(R)<br>M12X9               | 8508-1304    |
| 335 (D) | 0-92002-412-0                    | 1   | PLUG; C/BL(R)<br>M12X9               | 1305-        |

### ① KEY NUMBER

The combination of the Figure Number and Key Number identifies a particular part. For example, Figure Number 0-10 and Key Number 1 combines to identify "COVER;HEAD". This combination of the Figure Number and Key Number (i.e. 0-10-1) will be used to identify the "COVER;HEAD" in all parts catalogs. Key Numbers, therefore, may not be listed consecutively.

### ①' ILLUSTRATION REMARKS

When two or more items are identified by the same Key Number, an alphabetical character (i.e. "A", "B", "C", etc) will be used to identify the part number to the applicable illustration.

### ② PART NUMBER

Used to identify a specific part.

### ③ QUANTITY

The quantity of the part per that particular application for one engine is indicated. As to the component of a particular Assembly, the quantity per one assembly is indicated. In those cases where the required quantity is unknown (i.e. shims), "AR" (As required) will be indicated.

### ④ PART DESCRIPTION

The actual description of the part is listed first then the location of the part. EXAMPLE:  
Cover ; Cylinder Head

### ④' SIDE

Indicated whether the item is installed on the left or right side of the engine as viewed from Flywheel.

### ④" REMARKS

Any additional information pertaining to the characteristics of the item; i.e. size, shape, color, Engine No. etc. will be listed in the Remarks Column.

### ⑤ APPLICABLE PERIOD

Indicated by the year and month (i.e. 9202 = February 1992).

# Abbreviation List

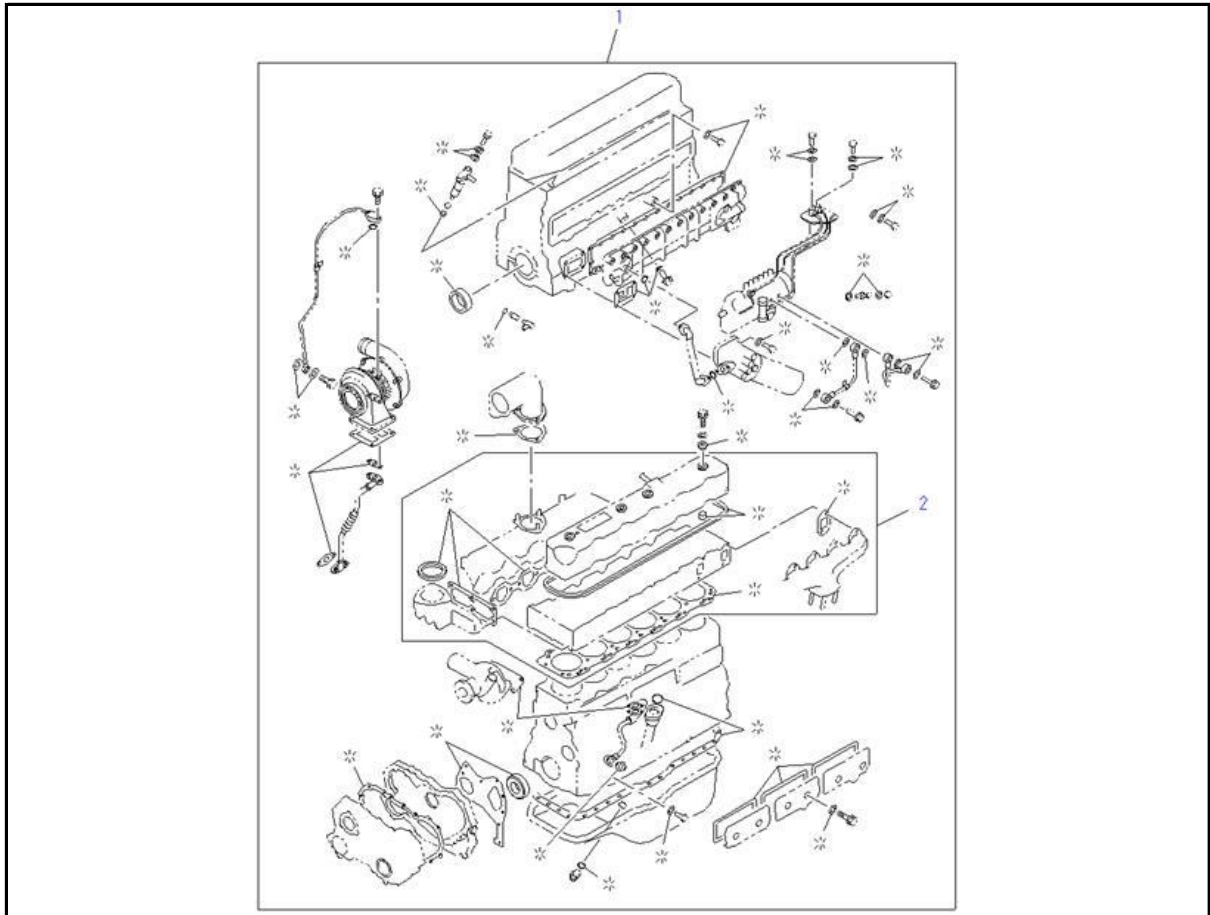
| ABBREVIATIONS | DEFINITION                | ABBREVIATIONS | DEFINITION                      |
|---------------|---------------------------|---------------|---------------------------------|
| A             | AMPERE                    | KW            | KILOWATT                        |
| ACCEL         | ACCELERATOR               | L             | LITER                           |
| ACL           | AIR CLEANER               | L1=           | LENGTH (VERTICAL)               |
| ADJ           | ADJUSTER                  | L2=           | LENGTH (SIDE)                   |
| AL            | ALUMINUM                  | L=            | LENGTH                          |
| A/R           | AS REQUIRED               | LH            | LEFT HAND                       |
| ASM           | ASSEMBLY                  | LK            | LOCK                            |
| AUTO          | AUTOMATIC                 | LVR           | LEVER                           |
| B=            | BREADTH                   | LWR           | LOWER                           |
| BRG           | BEARING                   | MAN           | MANUAL                          |
| BRK           | BRAKE                     | MANIF         | MANIFOLD                        |
| BRKT          | BRACKET                   | MTG           | MOUNTING                        |
| CAC           | CHARGE AIR COOLER         | M/T           | MANUAL TRANSMISSION             |
| C/BL          | CYLINDER BLOCK            | MM            | MILLIMETER                      |
| CLU           | CLUTCH                    | NACHI         | NACHI-FUJIKOSHI CO.             |
| CMPR          | COMPRESSOR                | NGK           | NGK SPARK PLUG CO.              |
| COMB          | COMBINATION               | NO.           | NUMBER                          |
| COMPL         | COMPLETE                  | NOK           | NOK CO.                         |
| CONN          | CONNECTING                | NPN           | NO PART NUMBER                  |
| CONT          | CONTROL                   | NPR           | NIPPON PISTON RING CO.          |
| CVR           | COVER                     | NSG           | NIPPON SHEET GLASS CO.          |
| CYL           | CYLINDER                  | NSS           | NOT SERVICED SEPARATELY         |
| D=            | DIAMETER                  | NSK           | NSK LTD.                        |
| DC            | DIRECT CURRENT            | NTN           | NTN CO.                         |
| DIAPH         | DIAPHRAGM                 | OD            | OUTSIDE DIAMETER                |
| DIFF          | DIFFERENTIAL              | OPT           | OPTION                          |
| EGR           | EXHAUST GAS RECIRCULATION | OVS1          | OVERSIZE                        |
| ENG           | ENGINE                    | PCV           | POSITIVE CRANK CASE VENTILATION |
| EXC           | EXCEPT                    | PL            | PLAIN                           |
| EXH           | EXHAUST                   | PRE-CHAMBER   | PRECOMBUSTION CHAMBER           |
| E#            | ENGINE NUMBER             | PROP          | PROPELLER                       |
| EXP           | EXPORT                    | P/S           | POWER STEERING                  |
| FIG NO.       | FIGURE NUMBER             | PTO           | POWER TAKE OFF                  |
| FLEX          | FLEXIBLE                  | QOS           | QUICK ON START                  |
| FRT           | FRONT                     | QTY           | QUANTITY                        |
| FWD           | FORWARD                   | QUAD          | QUADRANT                        |
| G             | GRAM                      | RAD           | RADIATOR                        |
| GEN           | GENERATOR                 | REG           | REGULATOR                       |
| GOV           | GOVERNOR                  | RET           | RETAINER                        |
| GRD=          | GRADE                     | REV           | REVERSE                         |
| G/RATIO       | GEAR RATIO                | RH            | RIGHT HAND                      |
| H=            | HEIGHT                    | RR            | REAR                            |
| HD            | HEAD                      | RWD           | REARWARD                        |
| HEX           | HEXAGON                   | SPD           | SPEED                           |
| HSG           | HOUSING                   | SPR           | SPRING                          |
| ID=           | INSIDE DIAMETER           | STD           | STANDARD                        |
| IGN           | IGNITION                  | SW            | SWITCH                          |
| INCL          | INCLUDING                 | SYN           | SYNCHRONIZER                    |
| INJ           | INJECTION                 | T=            | THICKNESS                       |
| INL           | INLET                     | TAP           | TAPPING                         |
| ISC           | IDLE SPEED CONTROL        | TBK           | TBK CO.                         |
| JBK           | JIDOSHA BUHIN KOGYO CO.   | TC            | TURBOCHARGER                    |
| KG            | KILOGRAM                  | TDC           | TOP DEAD CENTER                 |
| KM/H          | KILOMETER PER HOUR        | TEMP          | TEMPERATURE                     |

| ABBREVIATIONS | DEFINITION                      | ABBREVIATIONS | DEFINITION |
|---------------|---------------------------------|---------------|------------|
| TICS          | TIMING INJECTION CONTROL SYSTEM |               |            |
| TRANS         | TRANSMISSION                    |               |            |
| UNSI          | UNDER SIZE                      |               |            |
| UPR           | UPPER                           |               |            |
| V             | VOLT                            |               |            |
| VAC           | VACUUM                          |               |            |
| VLV           | VALVE                           |               |            |
| W             | WATT                            |               |            |
| W/            | WITH                            |               |            |
| WO/           | WITHOUT                         |               |            |
| Z=            | TEETH                           |               |            |
| ZN            | ZINC                            |               |            |
| &             | AND                             |               |            |
| "             | INCH                            |               |            |
| #             | NUMBER                          |               |            |
| 1ST           | FIRST                           |               |            |
| 2ND           | SECOND                          |               |            |
| 3RD           | THIRD                           |               |            |
| 4TH           | FOURTH                          |               |            |
| 5TH           | FIFTH                           |               |            |
| 6TH           | SIXTH                           |               |            |
| 7TH           | SEVENTH                         |               |            |
| 8TH           | EIGHTH                          |               |            |
| 9TH           | NINTH                           |               |            |

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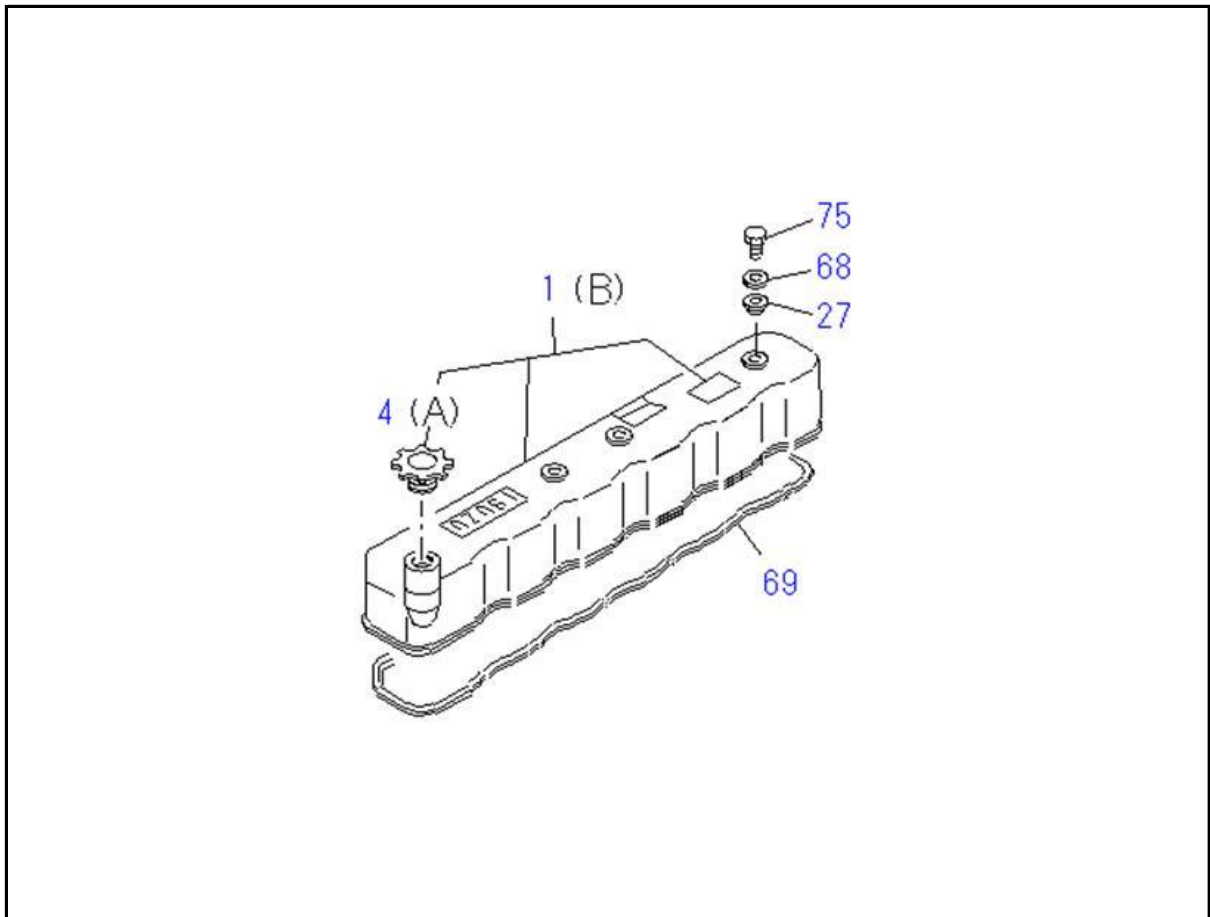
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## 0-05 ENGINE GASKET KIT



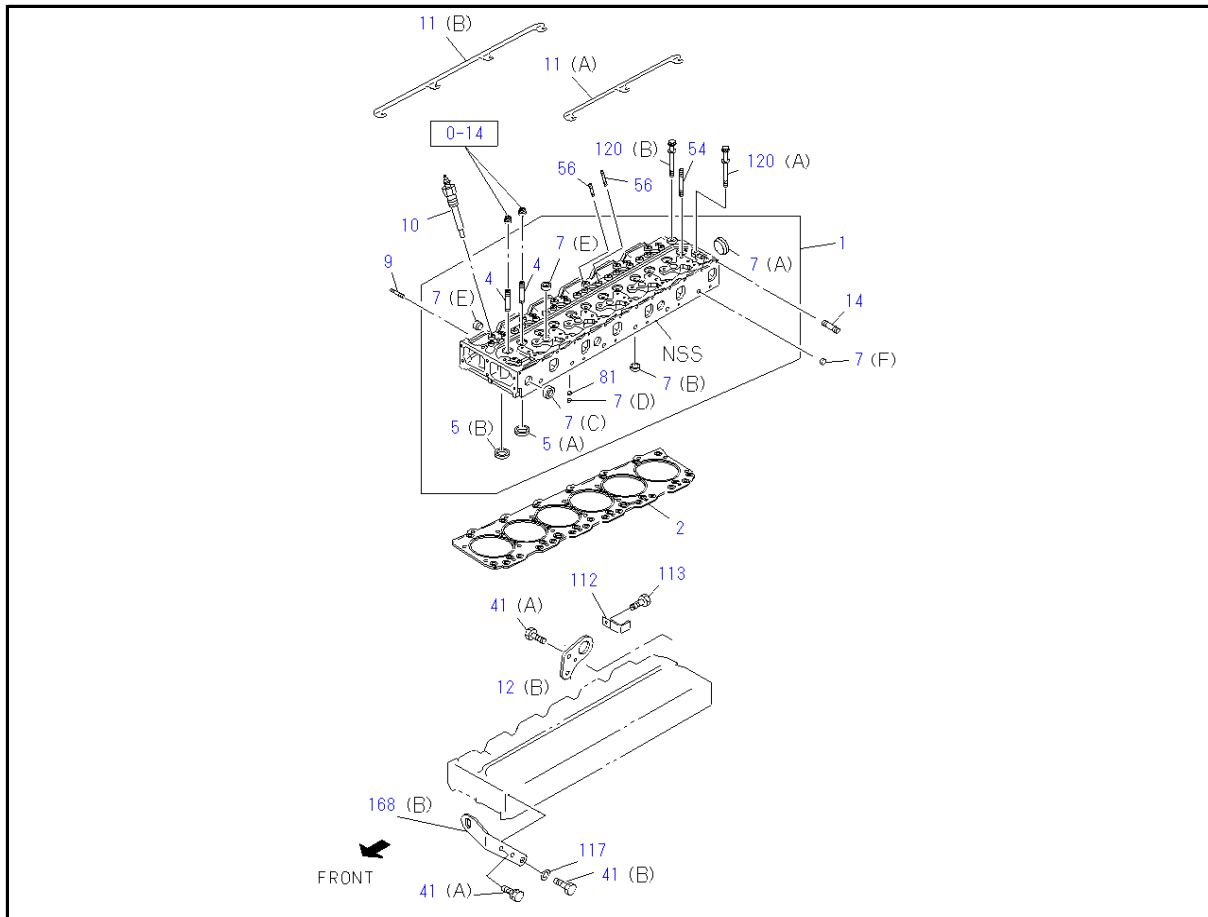
| KEY No. | Part no.                         | qty | Part description            | Applied Date |
|---------|----------------------------------|-----|-----------------------------|--------------|
| 1       | 1-87814-344-0<br><1-87812-311-6> | 1   | GASKET SET; ENG OVERHAUL    |              |
| 2       | 1-87814-347-0                    | 1   | GASKET SET; ENG HD OVERHAUL |              |

## 0-10 CYLINDER HEAD COVER



| KEY No. | Part no.                         | qty | Part description         | Applied Date |
|---------|----------------------------------|-----|--------------------------|--------------|
| 1 (B)   | 1-11180-360-1                    | 1   | COVER; CYL HD            |              |
| 4 (A)   | 1-11751-005-1<br><9-11751-038-1> | 1   | CAP; OIL FILLER<br>OD=45 |              |
| 27      | 1-09639-032-0<br><9-11179-030-0> | 4   | GASKET; HD COVER         |              |
| 68      | 9-11179-105-0                    | 4   | WASHER; CAP NUT          |              |
| 69      | 1-11173-059-0                    | 1   | GASKET; HD TO COVER      |              |
| 75      | 9-11175-012-0<br><9-11175-011-0> | 4   | NUT; CAP<br>M8           |              |

## 0-11 CYLINDER HEAD

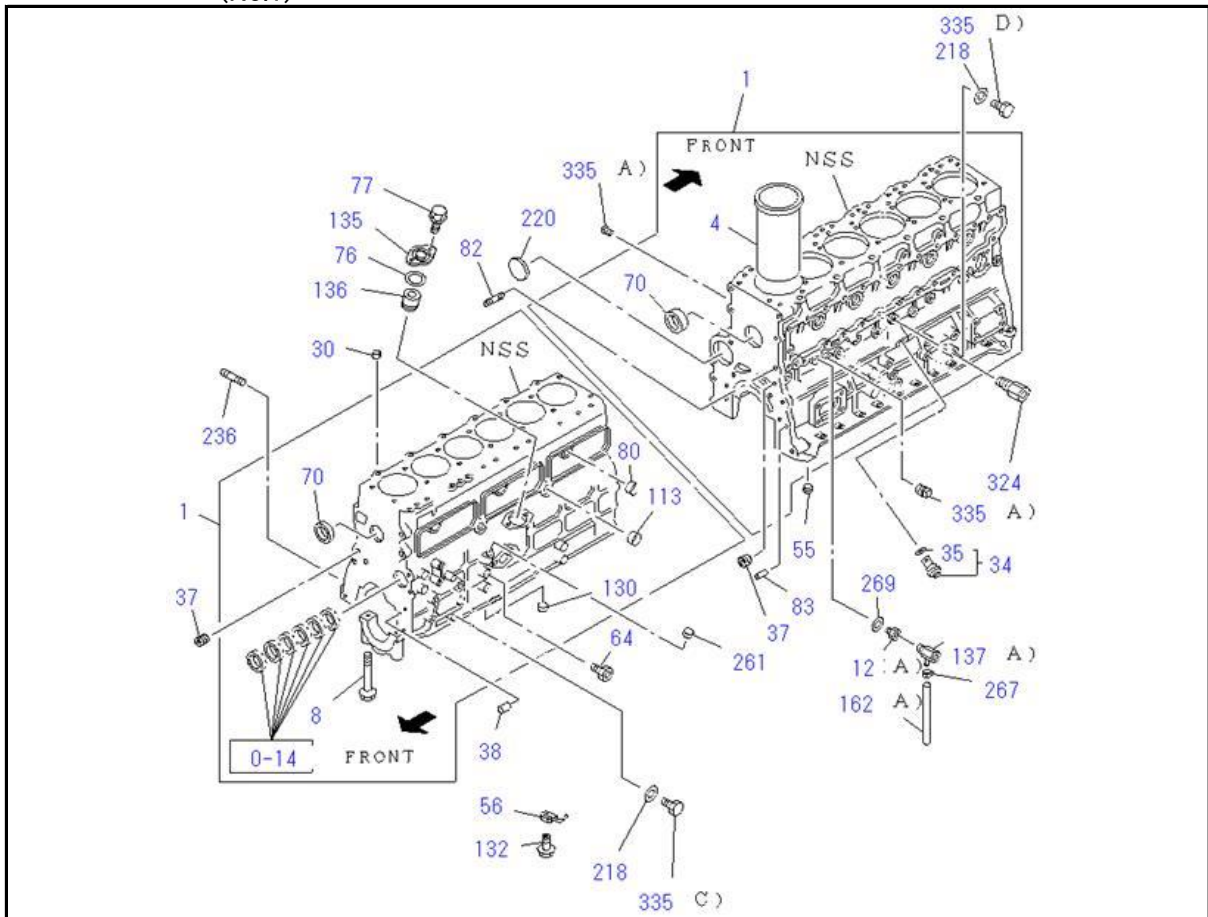


| KEY No. | Part no.                         | qty | Part description              | Applied Date |
|---------|----------------------------------|-----|-------------------------------|--------------|
| 1       | 1-11110-938-2<br><1-11110-938-1> | 1   | HEAD ASM; CYL                 |              |
| 2       | 1-11141-196-1                    | 1   | GASKET; CYL HD                |              |
| 4       | 1-11721-013-0                    | 12  | GUIDE; VLV                    |              |
| 5 (A)   | 8-97037-686-1                    | 6   | SEAT; VLV INSERT<br>INLET     |              |
| 5 (B)   | 5-11711-028-0                    | 6   | SEAT; VLV INSERT<br>EXHAUST   |              |
| 7 (A)   | 8-97036-550-1<br><1-09600-005-2> | 1   | CUP; SEALING<br>OD=45         |              |
| 7 (B)   | 9-11129-128-0                    | 3   | CUP; SEALING<br>OD=20         |              |
| 7 (C)   | 1-09600-012-2<br><5-11219-015-0> | 3   | CUP; SEALING<br>OD=32         |              |
| 7 (D)   | 5-09600-013-0                    | 6   | CUP; SEALING<br>OD=12.3       |              |
| 7 (E)   | 1-09600-016-0                    | 11  | CUP; SEALING<br>OD=25         |              |
| 7 (F)   | 9-11129-601-0                    | 5   | CUP; SEALING<br>OD=12.5       |              |
| 9       | 0-41010-825-0                    | 6   | STUD; INL MANIF<br>M8X25 L=37 |              |
| 10      | 1-82513-043-2                    | 6   | PLUG; GLOW                    |              |
| 11 (A)  | 5-19732-001-2                    | 1   | CONNECTOR; GLOW PLUG<br>L=236 |              |
| 11 (B)  | 5-19732-002-2                    | 1   | CONNECTOR; GLOW PLUG<br>L=354 |              |
| 12 (B)  | 9-11777-622-1                    | 1   | HANGER; ENG,RR                |              |
| 14      | 9-09630-026-0                    | 12  | STUD; EXH MANIF<br>M8X86 L=99 |              |

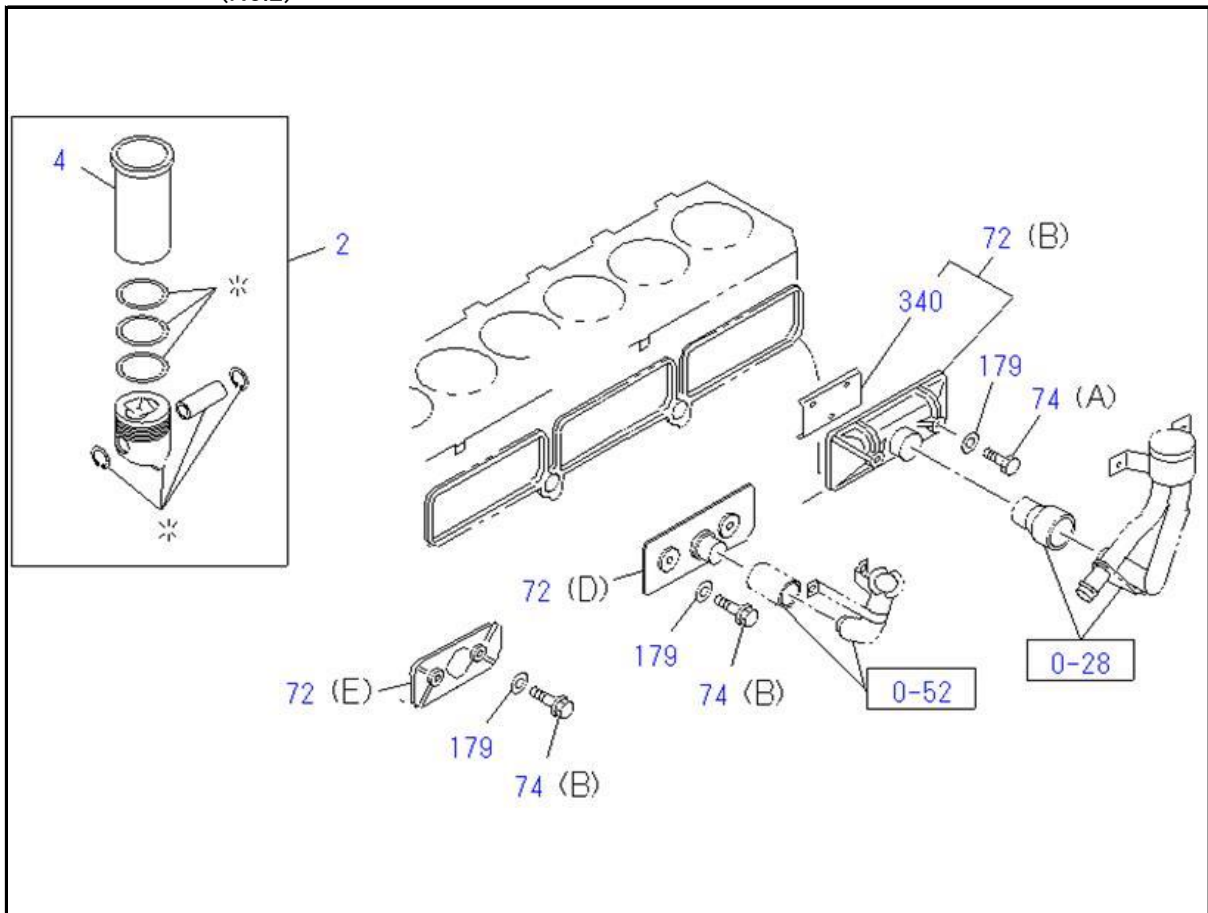
| KEY No. | Part no.      | qty | Part description                       | Applied Date |
|---------|---------------|-----|----------------------------------------|--------------|
| 41 (A)  | 0-28651-020-0 | 3   | BOLT; ENG HANGER<br>M10X20 FLANGE      |              |
| 41 (B)  | 0-20851-425-0 | 1   | BOLT; ENG HANGER<br>M14X25             |              |
| 54      | 9-09830-163-0 | 4   | STUD; ROCKER ARM<br>M8X83 L=96         |              |
| 56      | 1-09300-018-0 | 12  | STUD; NOZZLE HOLDER<br>M8X40 L=58      |              |
| 81      | 9-09660-034-0 | 6   | PLUG; PLATE,DRILLED PASSAGE<br>OD=11.9 |              |
| 112     | 9-09916-755-0 | 1   | CLIP; HANGER,GLOW HARNESS              |              |
| 113     | 0-28050-610-0 | 1   | BOLT; CLIP<br>M6X10 FLANGE             |              |
| 117     | 0-91510-514-0 | 1   | WASHER; LK,HANGER<br>ID=14             |              |
| 120 (A) | 1-09070-101-1 | 20  | BOLT; CYL HD TO HSG<br>M12X113         |              |
| 120 (B) | 1-09070-100-1 | 6   | BOLT; CYL HD TO HSG<br>M12X100         |              |
| 168 (B) | 1-11777-106-0 | 1   | HANGER; ENG,FRT                        |              |

# 0-12 CYLINDER BLOCK

(No.1)

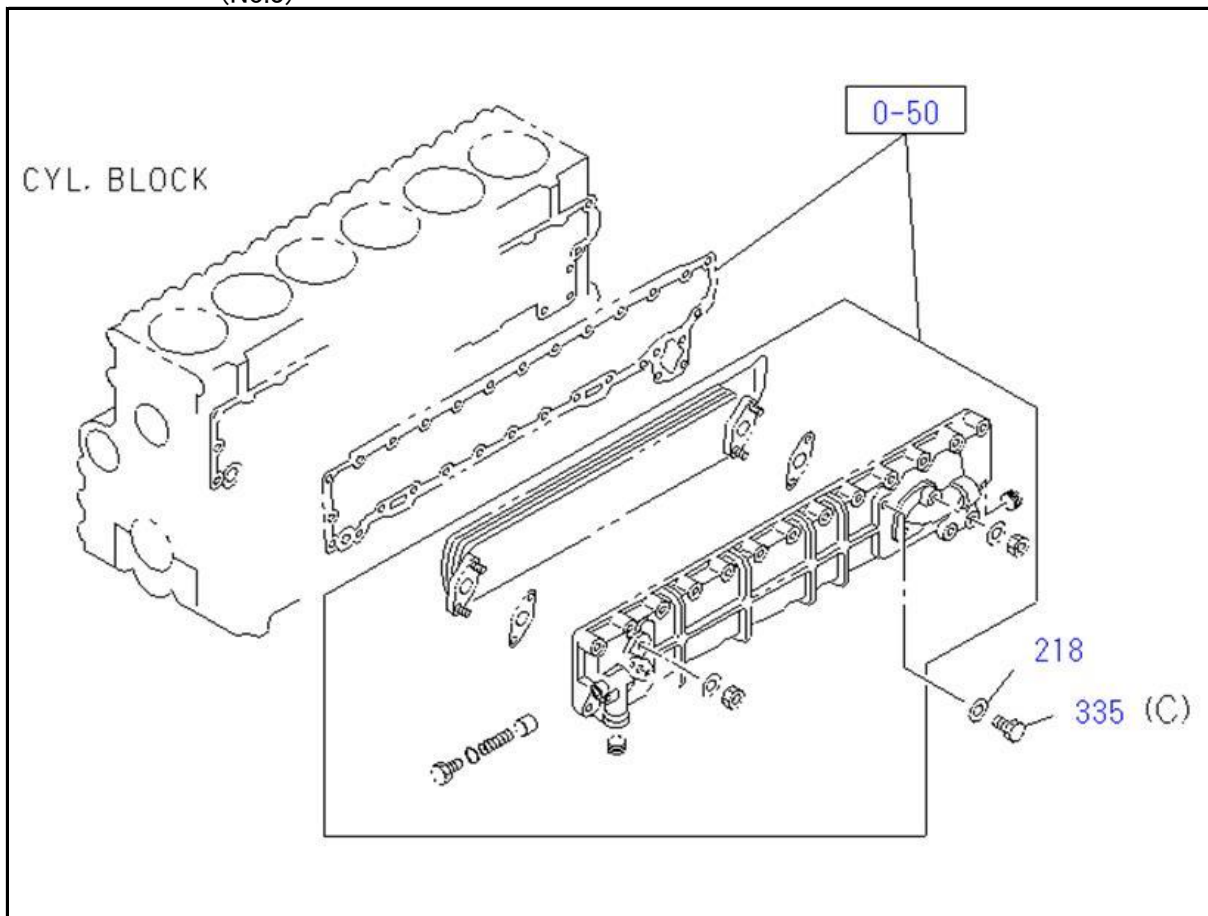


(No.2)



# 0-12 CYLINDER BLOCK

(No.3)

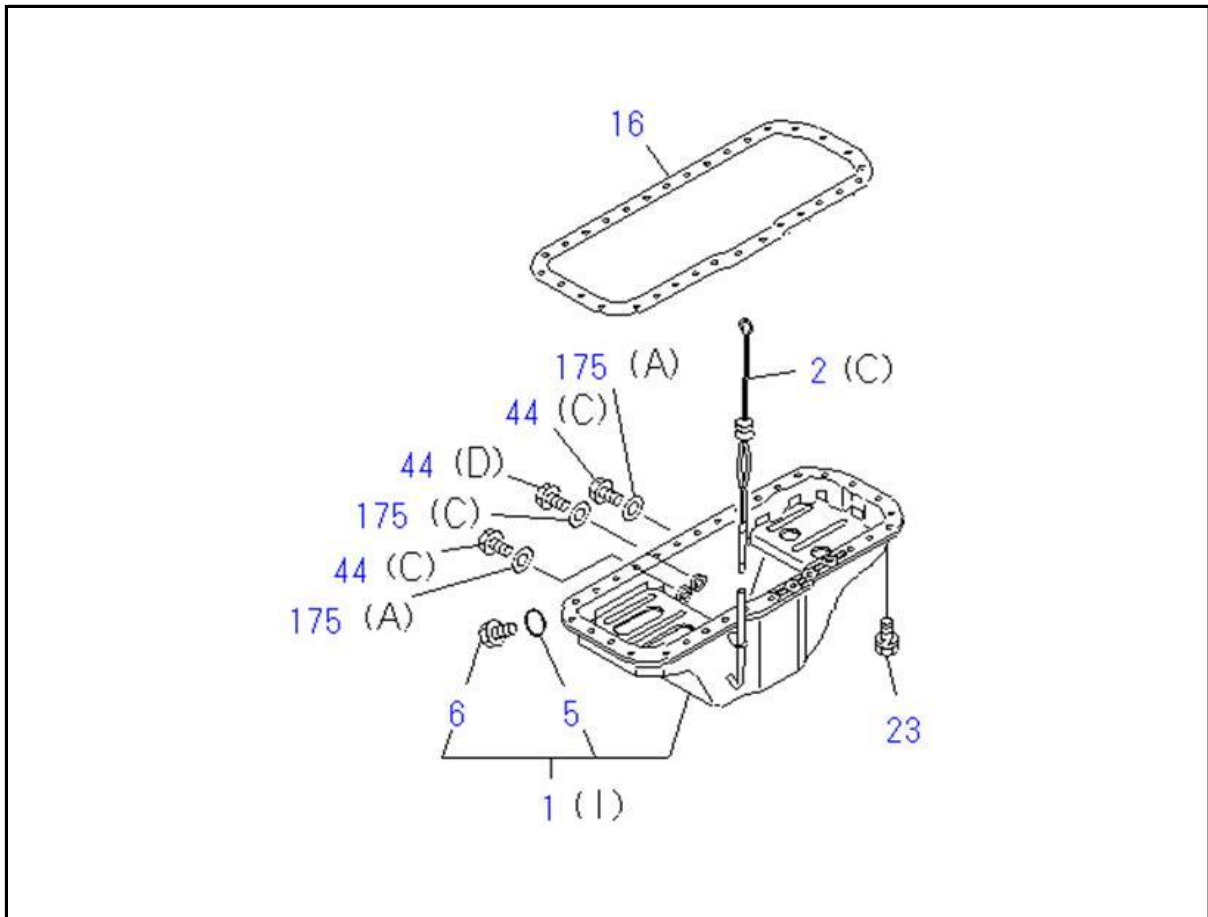


| KEY No. | Part no.      | qty | Part description                    | Applied Date |
|---------|---------------|-----|-------------------------------------|--------------|
| 1       | 1-11210-444-9 | 1   | BLOCK ASM; CYL                      |              |
| 2       | 1-87814-105-0 | 6   | LINER SET; ENG CYL<br>GRADE=1       |              |
| 2       | 1-87814-106-0 | 6   | LINER SET; ENG CYL<br>GRADE=2       |              |
| 2       | 1-87814-107-0 | 6   | LINER SET; ENG CYL<br>GRADE=3       |              |
| 2       | 1-87814-108-0 | 6   | LINER SET; ENG CYL<br>GRADE=4       |              |
| 4       | 1-11261-382-1 | 6   | LINER; C/BL<br>OD GRD=1             |              |
| 4       | 1-11261-383-1 | 6   | LINER; C/BL<br>OD GRD=1             |              |
| 4       | 1-11261-384-1 | 6   | LINER; C/BL<br>OD GRD=2             |              |
| 4       | 1-11261-385-1 | 6   | LINER; C/BL<br>OD GRD=2             |              |
| 4       | 1-11261-386-1 | 6   | LINER; C/BL<br>OD GRD=3             |              |
| 4       | 1-11261-387-1 | 6   | LINER; C/BL<br>OD GRD=3             |              |
| 4       | 1-11261-388-1 | 6   | LINER; C/BL<br>OD GRD=4             |              |
| 4       | 1-11261-389-1 | 6   | LINER; C/BL<br>OD GRD=4             |              |
| 8       | 1-09000-469-2 | 14  | BOLT; BRG CAP<br>M16X119            |              |
| 12 (A)  | 1-09666-036-0 | 1   | CONNECTOR; DRAIN COCK               |              |
| 30      | 8-94148-079-0 | 2   | PIN; CYL HD GASKET SETTING<br>OD=16 |              |

| KEY No. | Part no.                         | qty | Part description                            | Applied Date |
|---------|----------------------------------|-----|---------------------------------------------|--------------|
| 34      | 8-94393-077-1<br><8-97023-339-0> | 1   | VALVE; OIL RELIEF                           |              |
| 35      | 5-09623-035-0                    | 1   | GASKET; RELIEF VLV                          |              |
| 37      | 1-09605-068-1                    | 2   | PLUG; OIL GALLERY                           |              |
| 38      | 1-09740-078-0                    | 1   | PIN; TIMING GEAR CASE<br>OD=10 L=50         |              |
| 55      | 1-09605-066-0                    | 1   | PLUG; OIL GALLERY<br>PT3/8 T=8.0            |              |
| 56      | 1-13342-132-1                    | 6   | JET; OIL                                    |              |
| 64      | 1-09660-101-0                    | 1   | CONNECTOR; TURBOCHARGER OIL                 |              |
| 70      | 1-09600-052-1                    | 2   | CUP; SEALING<br>OD=60                       |              |
| 72 (B)  | 1-11290-254-1                    | 1   | COVER; TAPPET CHAMBER                       |              |
| 72 (D)  | 8-97301-063-0                    | 1   | COVER; TAPPET CHAMBER                       |              |
| 72 (E)  | 8-97222-104-1                    | 1   | COVER; TAPPET CHAMBER                       |              |
| 74 (A)  | 1-09030-078-0<br><1-09052-022-1> | 2   | BOLT; COVER TO C/BL<br>M8X84                |              |
| 74 (B)  | 8-94367-530-1                    | 4   | BOLT; COVER TO C/BL<br>M8X56 FLANGE         |              |
| 76      | 1-09623-465-0                    | 1   | GASKET; COVER TO C/BL<br>ID=47.7            |              |
| 77      | 0-50640-822-0<br><0-50140-822-0> | 2   | BOLT; COVER TO C/BL<br>M8X22 W/LK&PL WASHER |              |
| 80      | 1-09600-012-2                    | 3   | CUP; SEALING<br>OD=32                       |              |
| 82      | 5-09300-023-1                    | 1   | STUD; FLYWHEEL HSG<br>M14X44 L=65           |              |
| 83      | 9-08151-018-0                    | 2   | PIN; FLYWHEEL HSG<br>OD=10 L=18             |              |
| 113     | 5-11219-014-0                    | 2   | CUP; SEALING<br>OD=28                       |              |
| 130     | 5-11257-001-1                    | 1   | DOWEL; BRG CAP                              |              |
| 132     | 8-97329-618-0                    | 6   | VALVE; CHECK.OIL                            |              |
| 135     | 1-11219-129-1                    | 1   | COVER; OIL PUMP                             |              |
| 136     | 9-11224-602-1                    | 1   | BUSHING; DRIVE SHAFT                        |              |
| 137 (A) | 1-09680-024-0                    | 1   | COCK; DRAIN                                 |              |
| 162 (A) | 9-09914-701-0                    | 1   | HOSE; WATER DRAIN<br>L=510                  |              |
| 179     | 9-09572-008-0                    | 6   | GASKET; COVER TO BOLT<br>ID=8.2 OD=17       |              |
| 218     | 9-09572-014-0                    | 1   | GASKET; PLUG (L)<br>ID=14.2 OD=23.0         |              |
| 218     | 9-09572-012-0                    | 1   | GASKET; PLUG<br>ID=12.2                     |              |
| 220     | 9-09860-019-0                    | 1   | PLUG; PLATE<br>OD=67                        |              |
| 236     | 1-09300-055-0                    | 1   | STUD; ENG FOOT (R)<br>M10X30.5 L=45         |              |
| 261     | 5-11129-003-0                    | 1   | PLUG; OIL PRESS UNIT<br>OD=15.6             |              |
| 267     | 8-97015-754-1                    | 1   | CLIP; DRAIN HOSE                            |              |
| 269     | 1-09630-115-0                    | 1   | GASKET; NIPPLE                              |              |
| 324     | 9-09902-238-0                    | 1   | ADAPTER; OIL PRESSURE SW                    |              |
| 335 (A) | 5-09605-018-0                    | 2   | PLUG; C/BL (L)<br>PT1/8 L=8 SQUARE HD       |              |
| 335 (C) | 8-98042-944-0                    | 1   | PLUG; C/BL (L)<br>M14X9                     |              |
| 335 (A) | 5-09605-018-0                    | 8   | PLUG; C/BL (R)<br>PT1/8 L=8 SQUARE HD       |              |
| 335 (D) | 5-09604-012-0<br><9-99202-312-0> | 1   | PLUG; C/BL (R)<br>M12X9                     |              |

| KEY No. | Part no.      | qty | Part description | Applied Date |
|---------|---------------|-----|------------------|--------------|
| 340     | 5-11299-007-0 | 1   | PLATE; GUIDE     |              |

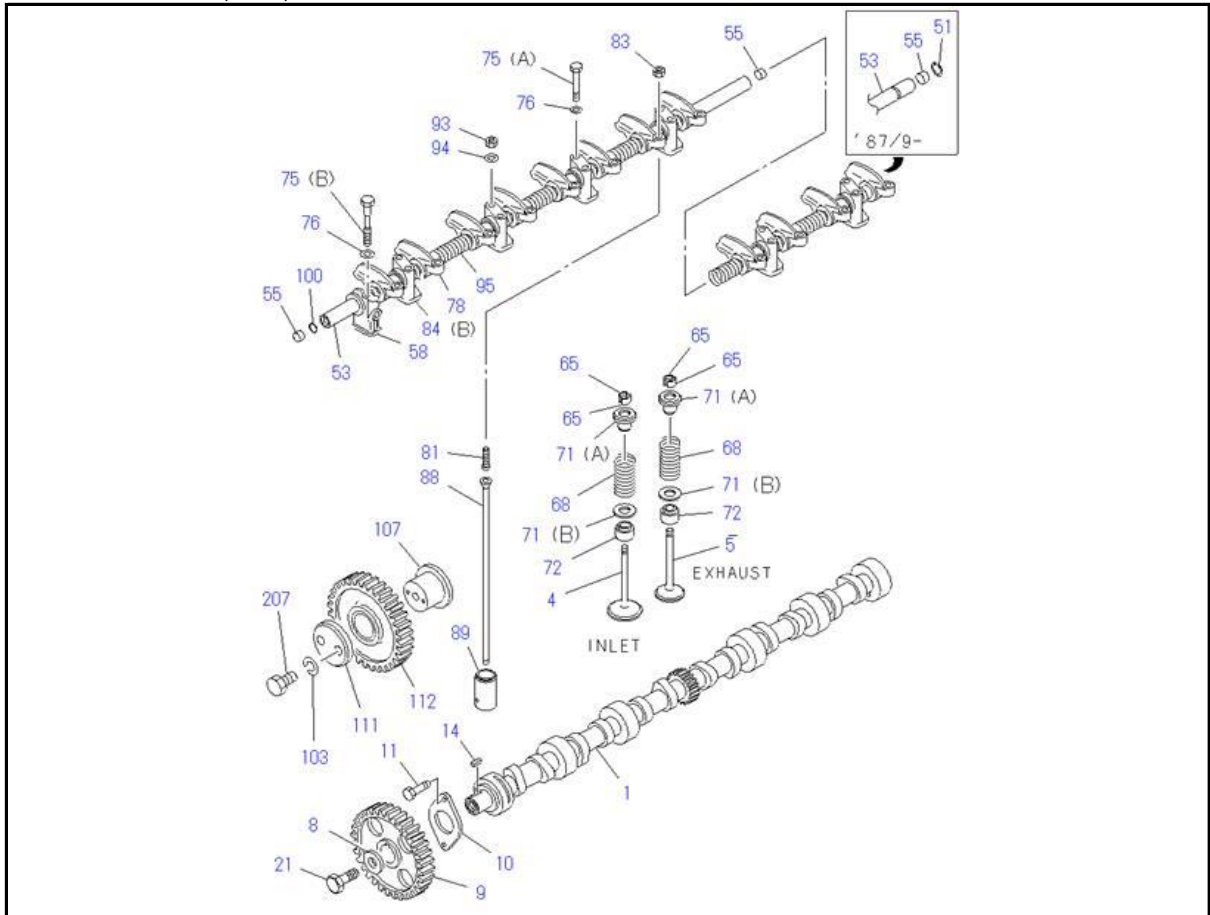
## 0-13 OIL PAN AND LEVEL GAUGE



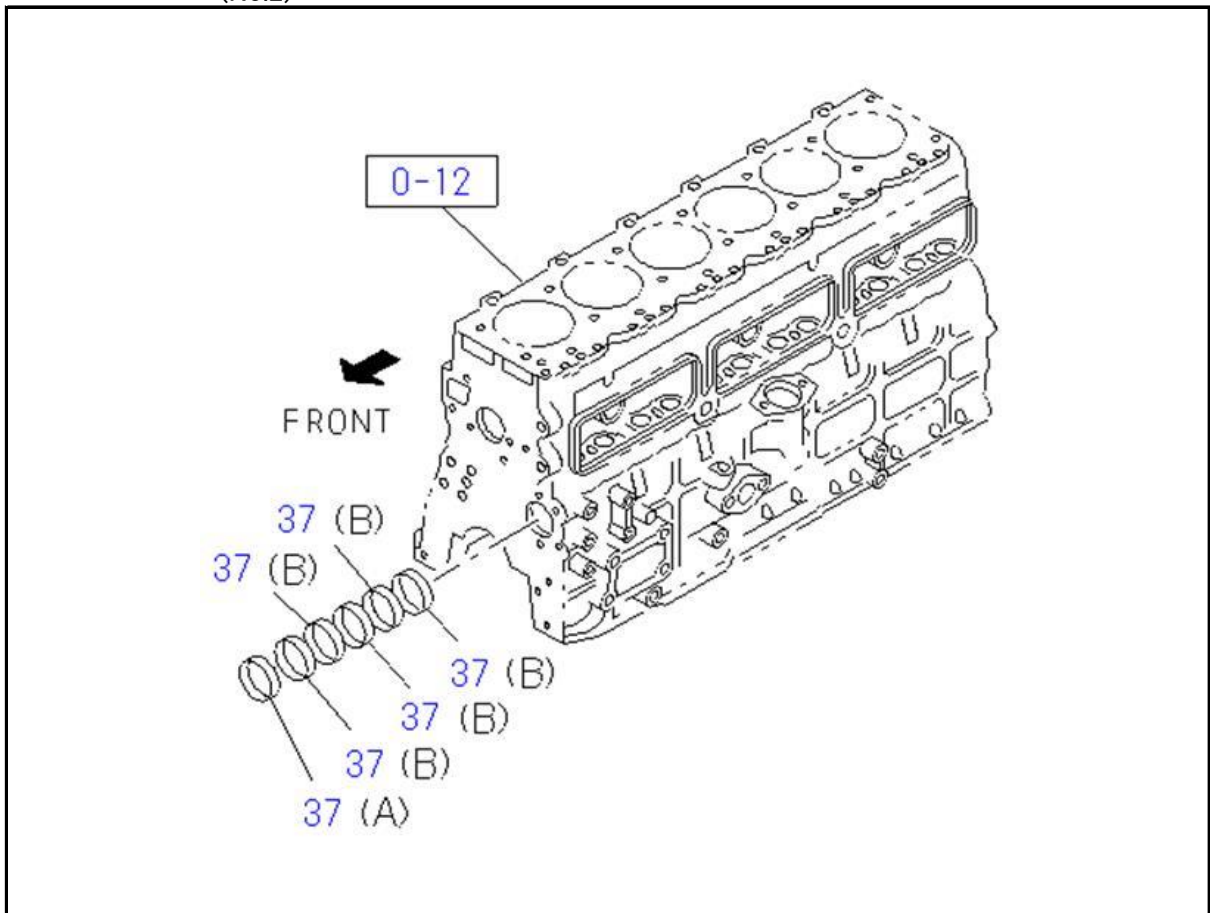
| KEY No. | Part no.                         | qty | Part description                   | Applied Date |
|---------|----------------------------------|-----|------------------------------------|--------------|
| 1 (I)   | 1-11360-915-0                    | 1   | PAN ASM; OIL                       |              |
| 2 (C)   | 1-11760-447-0                    | 1   | GAUGE; OIL LEVEL                   |              |
| 5       | 1-09623-057-0                    | 1   | GASKET; PLUG<br>ID=24.4            |              |
| 6       | 9-09662-012-0                    | 1   | PLUG; OIL DRAIN                    |              |
| 16      | 1-11367-132-0                    | 1   | GASKET; OIL PAN TO C/BL            |              |
| 23      | 0-50540-818-0                    | 29  | BOLT; OIL PAN<br>M8X18 W/LK WASHER |              |
| 23      | 0-50540-822-0                    | 3   | BOLT; OIL PAN<br>M8X22 W/LK WASHER |              |
| 44 (C)  | 0-92002-416-0                    | 2   | PLUG; OIL HTR BLIND<br>M16X12      |              |
| 44 (D)  | 1-09604-021-0<br><9-99202-324-0> | 1   | PLUG; OIL HTR BLIND<br>M24X12      |              |
| 175 (A) | 9-09571-416-0                    | 2   | GASKET; PLUG<br>ID=16.2 OD=24      |              |
| 175 (C) | 9-09571-424-0                    | 1   | GASKET; PLUG<br>ID=24.5 OD=32      |              |

# 0-14 CAMSHAFT AND VALVE

(No.1)



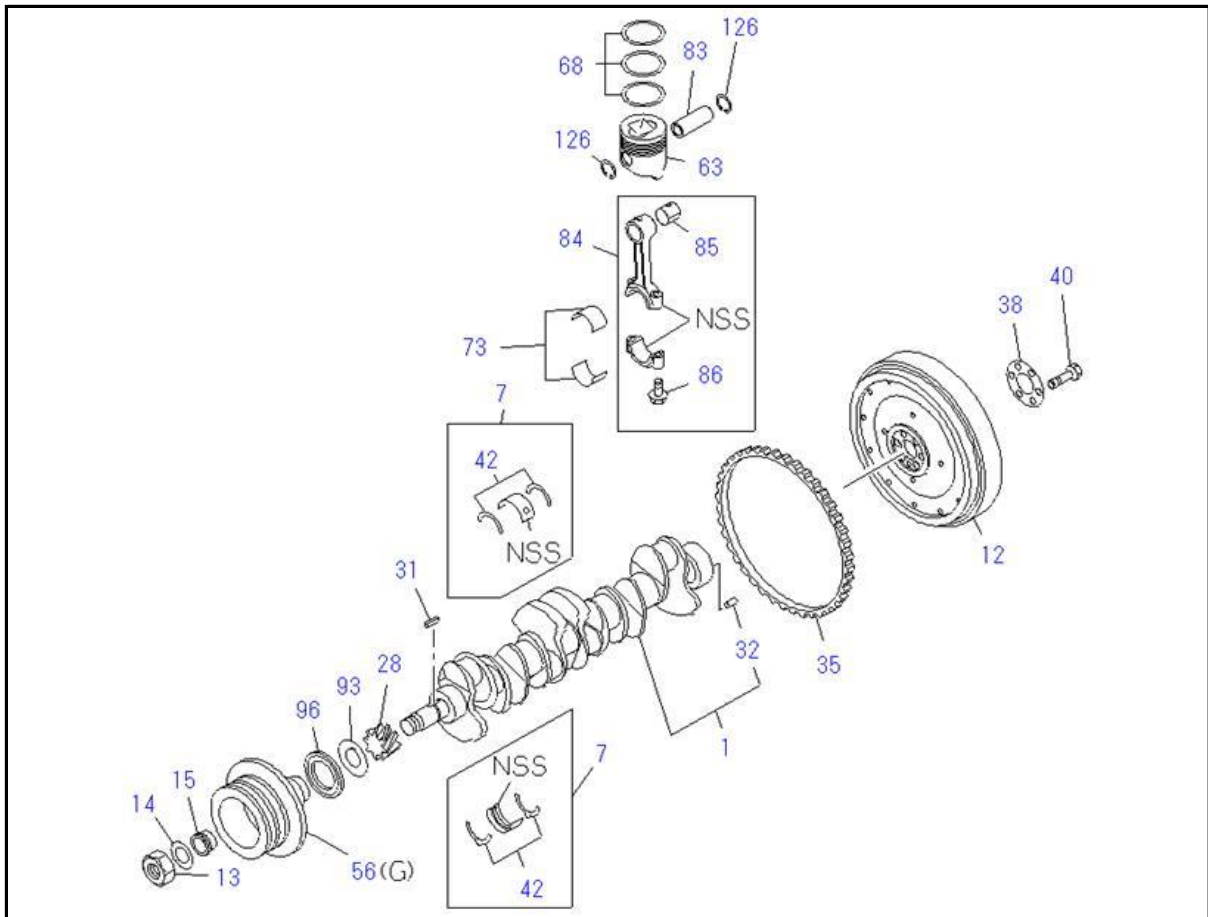
(No.2)



## 0-14 CAMSHAFT AND VALVE

| KEY No. | Part no.                         | qty | Part description                                | Applied Date |
|---------|----------------------------------|-----|-------------------------------------------------|--------------|
| 1       | 1-12514-010-0                    | 1   | CAMSHAFT                                        |              |
| 4       | 1-12551-165-0                    | 6   | VALVE; INL                                      |              |
| 5       | 1-12552-111-0                    | 6   | VALVE; EXH                                      |              |
| 8       | 9-09851-850-3                    | 1   | WASHER; CM/SHF GEAR<br>ID=14.5                  |              |
| 9       | 1-12522-016-2                    | 1   | GEAR; CM/SHF<br>Z=50                            |              |
| 10      | 9-11681-015-0                    | 1   | PLATE; THRUST                                   |              |
| 11      | 0-50540-825-0                    | 2   | BOLT; THRUST PLATE TO C/BL<br>M8X25 W/LK WASHER |              |
| 14      | 9-08030-713-0                    | 1   | KEY; CM/SHF                                     |              |
| 21      | 9-92061-428-0                    | 1   | BOLT; CM/SHF METAL<br>M14X28                    |              |
| 37 (A)  | 9-11691-048-1                    | 1   | METAL; CM/SHF                                   |              |
| 37 (B)  | 9-11693-035-1                    | 5   | METAL; CM/SHF                                   |              |
| 51      | 9-09180-019-0                    | 1   | RING; SNAP                                      |              |
| 53      | 1-12621-094-0                    | 1   | SHAFT; ROCKER ARM                               |              |
| 55      | 9-12626-005-0                    | 2   | PLUG; ROCKER SHAFT END                          |              |
| 58      | 5-12628-012-0                    | 1   | BRACKET; ROCKER SHAFT                           |              |
| 65      | 5-12565-006-0                    | 24  | COLLAR; SPLIT                                   |              |
| 68      | 1-12561-099-1                    | 12  | SPRING; VLV                                     |              |
| 71 (A)  | 8-94114-579-0                    | 12  | SEAT; SPR<br>UPPER                              |              |
| 71 (B)  | 5-12563-001-0                    | 12  | SEAT; SPR<br>LOWER                              |              |
| 72      | 8-97120-167-0                    | 12  | SEAL; VLV GUIDE                                 |              |
| 75 (A)  | 1-09000-567-0                    | 8   | BOLT; BRKT<br>M8X65                             |              |
| 75 (B)  | 9-09602-148-0                    | 1   | BOLT; BRKT<br>M8X65                             |              |
| 76      | 9-09851-430-0                    | 9   | WASHER; PL                                      |              |
| 78      | 1-12611-249-0                    | 12  | ARM; ROCKER                                     |              |
| 81      | 9-12616-042-0                    | 12  | SCREW; ADJ                                      |              |
| 83      | 0-91111-508-0                    | 12  | NUT; ADJ SCREW<br>M8                            |              |
| 84 (B)  | 9-12628-105-0                    | 6   | BRACKET; ROCKER SHAFT                           |              |
| 88      | 1-12575-036-0                    | 12  | ROD; PUSH                                       |              |
| 89      | 5-12571-003-3                    | 12  | TAPPET; VLV                                     |              |
| 93      | 1-09400-116-0                    | 4   | NUT; BRKT                                       |              |
| 94      | 9-09851-430-0                    | 4   | WASHER; PL                                      |              |
| 95      | 1-09580-335-0                    | 5   | SPRING; ROCKER SHAFT                            |              |
| 100     | 5-09623-060-0                    | 1   | GASKET; ROCKER ARM SHAFT                        |              |
| 103     | 1-09985-345-0<br><9-09150-510-0> | 2   | WASHER; LK<br>ID=10.2                           | 8508-0603    |
| 103     | 0-91510-510-0                    | 2   | WASHER; LK<br>ID=10.2                           | 0604-        |
| 107     | 9-12531-030-0<br><8-98219-088-0> | 1   | SHAFT; IDLE GEAR                                |              |
| 111     | 5-12535-001-1                    | 1   | COLLAR; THRUST                                  |              |
| 112     | 8-94133-937-3                    | 1   | GEAR; IDLE<br>Z=51                              |              |
| 207     | 0-10811-055-0                    | 2   | BOLT; SPINDLE TO THRUST PLATE<br>M10X55         |              |

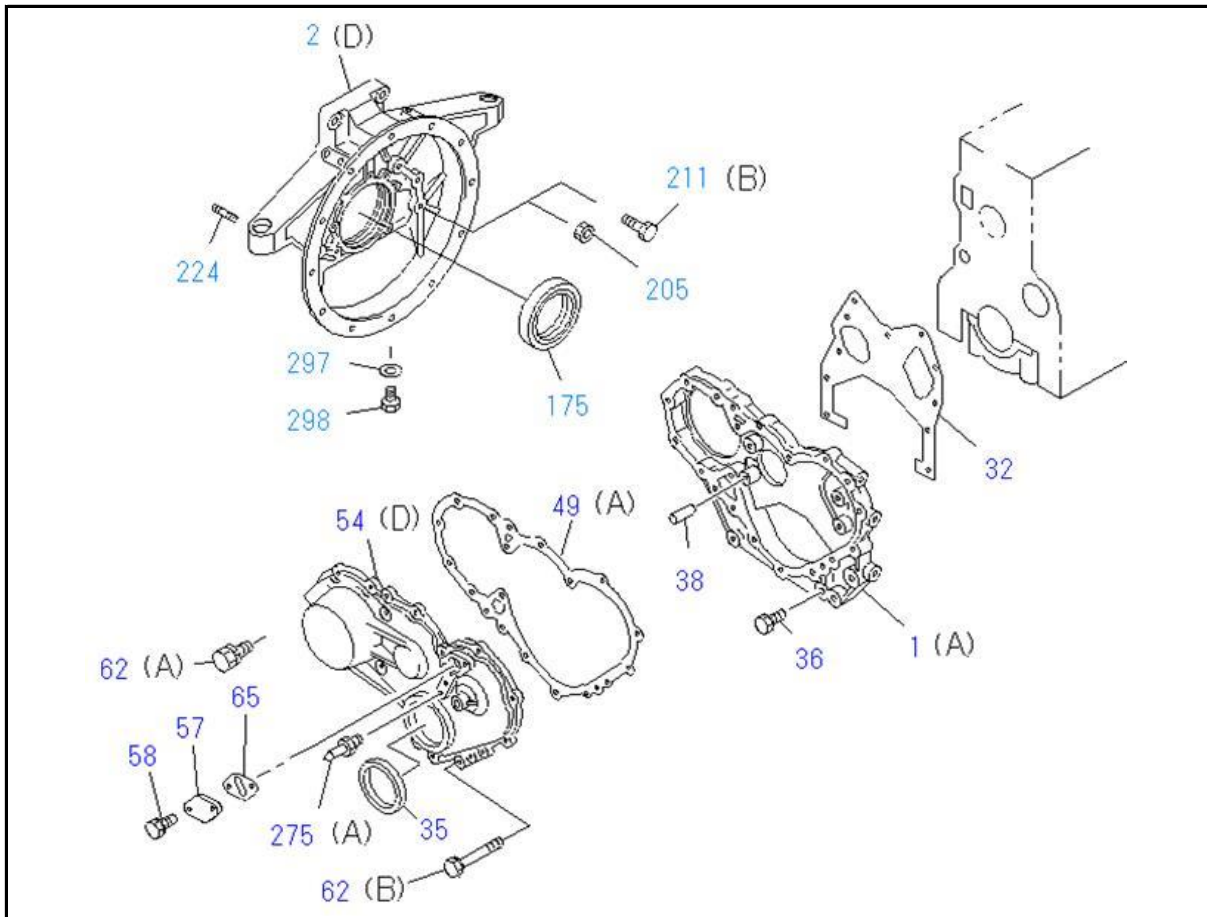
## 0-15 CRANKSHAFT,PISTON AND FLYWHEEL



| KEY No. | Part no.                         | qty | Part description                  | Applied Date |
|---------|----------------------------------|-----|-----------------------------------|--------------|
| 1       | 1-12310-470-1                    | 1   | CRANKSHAFT                        |              |
| 7       | 1-11510-074-1<br><1-11510-074-3> | 1   | METAL KIT; CRANKSHAFT             |              |
| 12      | 1-12331-374-0                    | 1   | FLYWHEEL                          |              |
| 13      | 9-09840-107-1                    | 1   | NUT; STARTING HANDLE              |              |
| 14      | 9-09851-431-0                    | 1   | WASHER; PULLEY DAMPER             |              |
| 15      | 9-12379-045-0                    | 1   | BUSHING; TAPER                    |              |
| 28      | 8-97137-910-2                    | 1   | GEAR; CR/SHF<br>Z=25              |              |
| 31      | 5-09738-001-0                    | 1   | KEY; FEATHER                      |              |
| 32      | 9-08161-220-0<br><9-08151-220-0> | 1   | PIN; FLYWHEEL                     |              |
| 35      | 1-12333-025-0                    | 1   | GEAR; RING<br>Z=140               |              |
| 38      | 5-12336-008-1                    | 1   | WASHER; FLYWHEEL                  |              |
| 40      | 9-92061-638-0                    | 6   | BOLT; FLYWHEEL                    |              |
| 42      | 1-11680-001-1<br><1-11680-001-3> | 2   | WASHER; THRUST                    |              |
| 56 (G)  | 5-12371-207-3                    | 1   | PULLEY; CR/SHF DAMPER<br>2-GROOVE |              |
| 63      | 8-97358-574-0                    | 6   | PISTON<br>GRADE=AX                |              |
| 63      | 8-97358-575-0                    | 6   | PISTON<br>GRADE=CX                |              |
| 68      | 8-98240-483-0                    | 6   | RING SET; PISTON                  |              |
| 73      | 9-12271-608-0                    | 6   | METAL SET; CONN ROD               |              |
| 83      | 1-12211-033-2                    | 6   | PIN; PISTON                       |              |
| 84      | 1-12230-129-2                    | 6   | ROD ASM; CONN                     |              |
| 85      | 1-12251-032-0                    | 6   | BUSHING; CONNROD                  |              |

| KEY No. | Part no.      | qty | Part description          | Applied Date |
|---------|---------------|-----|---------------------------|--------------|
| 86      | 1-12235-027-1 | 12  | BOLT; CONNROD<br>M20X49.5 |              |
| 93      | 1-12362-003-1 | 1   | THROWER; OIL              |              |
| 96      | 5-12362-003-1 | 1   | THROWER; DUST             |              |
| 126     | 8-94107-575-1 | 12  | RING; SNAP                |              |

## 0-20 TIMING GEAR CASE AND FLYWHEEL HOUSING

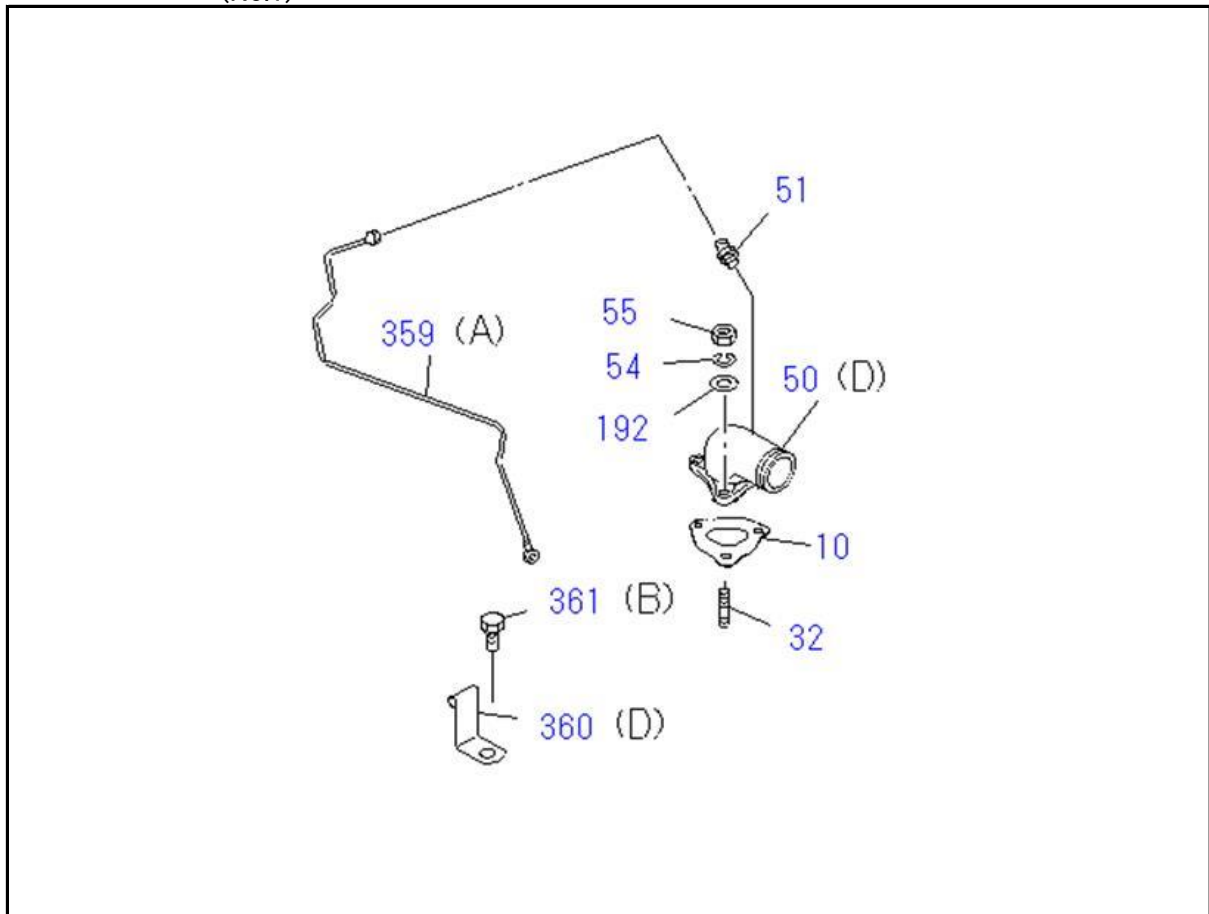


| KEY No. | Part no.                         | qty | Part description                       | Applied Date |
|---------|----------------------------------|-----|----------------------------------------|--------------|
| 1 (A)   | 5-11311-011-3                    | 1   | CASE; TIMING GEAR                      |              |
| 2 (D)   | 1-11341-654-0                    | 1   | HOUSING; FLYWHEEL                      |              |
| 32      | 8-94370-671-1                    | 1   | GASKET; GEAR CASE TO C/BL              |              |
| 35      | 1-09625-438-0                    | 1   | SEAL; OIL                              |              |
| 36      | 0-28050-845-0                    | 2   | BOLT; GEAR CASE<br>M8X45 FLANGE        |              |
| 36      | 0-28650-820-0                    | 4   | BOLT; GEAR CASE<br>M8X20 FLANGE        |              |
| 38      | 9-08151-018-0                    | 1   | PIN; GEAR CASE COVER<br>OD=10 L=18     |              |
| 49 (A)  | 1-11322-060-0                    | 1   | GASKET; GEAR CASE TO COVER             |              |
| 54 (D)  | 1-11321-079-0                    | 1   | COVER; GEAR CASE                       |              |
| 57      | 5-11321-009-0                    | 2   | COVER; TIMING CHECK HOLE               |              |
| 58      | 0-28050-612-0                    | 4   | BOLT; CHECK HOLE COVER<br>M6X12 FLANGE |              |
| 62 (A)  | 0-28650-825-0                    | 7   | BOLT; COVER<br>M8X25 FLANGE            |              |
| 62 (B)  | 0-28050-850-0                    | 5   | BOLT; COVER<br>M8X50 FLANGE            |              |
| 65      | 8-97118-698-1<br><8-97027-601-1> | 2   | GASKET; COVER                          |              |
| 175     | 8-97072-823-1                    | 1   | SEAL; OIL                              |              |
| 205     | 0-91180-214-0                    | 1   | NUT; HSG<br>M14 FLANGE                 |              |
| 211 (B) | 0-28861-445-0                    | 3   | BOLT; HSG<br>M14X45                    |              |
| 211 (B) | 0-50540-825-0                    | 7   | BOLT; HSG<br>M8X25 W/LK WASHER         |              |
| 211 (B) | 0-28861-460-0                    | 2   | BOLT; HSG<br>M14X60                    |              |

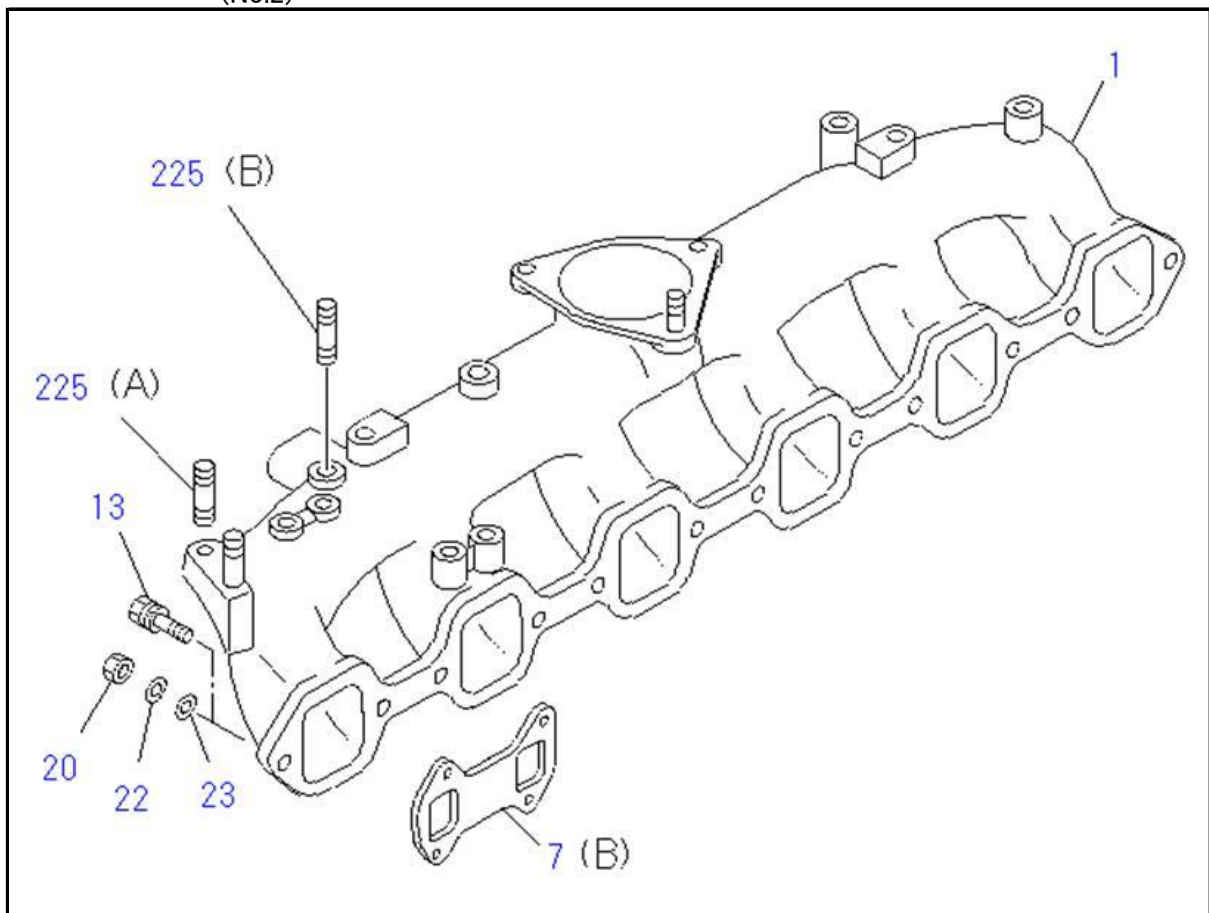
| KEY No. | Part no.      | qty | Part description              | Applied Date |
|---------|---------------|-----|-------------------------------|--------------|
| 211 (B) | 0-28651-035-0 | 2   | BOLT; HSG<br>M10X35 FLANGE    |              |
| 224     | 0-44011-235-0 | 3   | STUD; STARTER<br>M12X35 L=53  |              |
| 275 (A) | 5-11327-009-0 | 1   | POINTER; TIMING CHECK HOLE    |              |
| 297     | 9-09571-416-0 | 1   | GASKET; PLUG<br>ID=16.2 OD=24 |              |
| 298     | 0-92002-416-0 | 2   | PLUG; TAPER SCREW<br>M16X12   |              |

## 0-25 INLET MANIFOLD

(No.1)



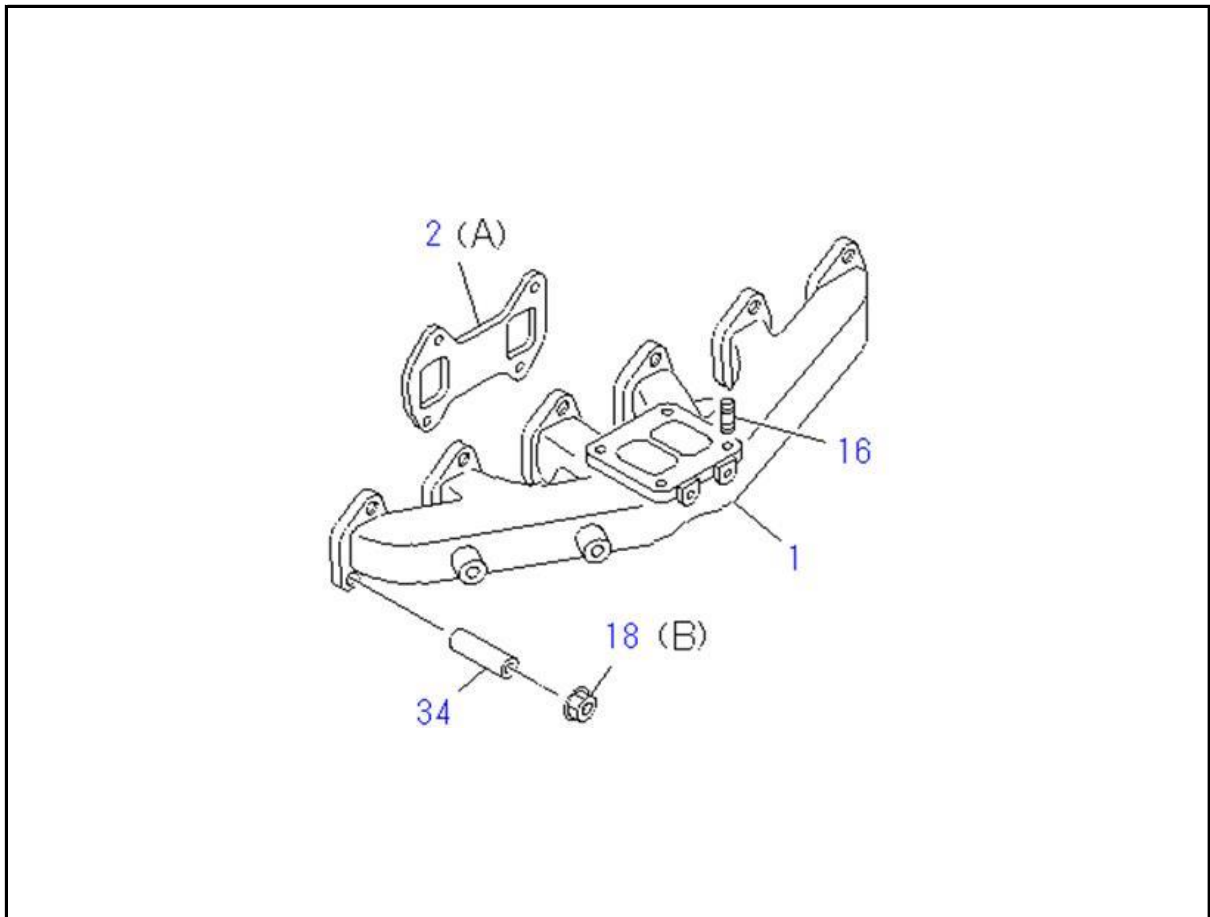
(No.2)



## 0-25 INLET MANIFOLD

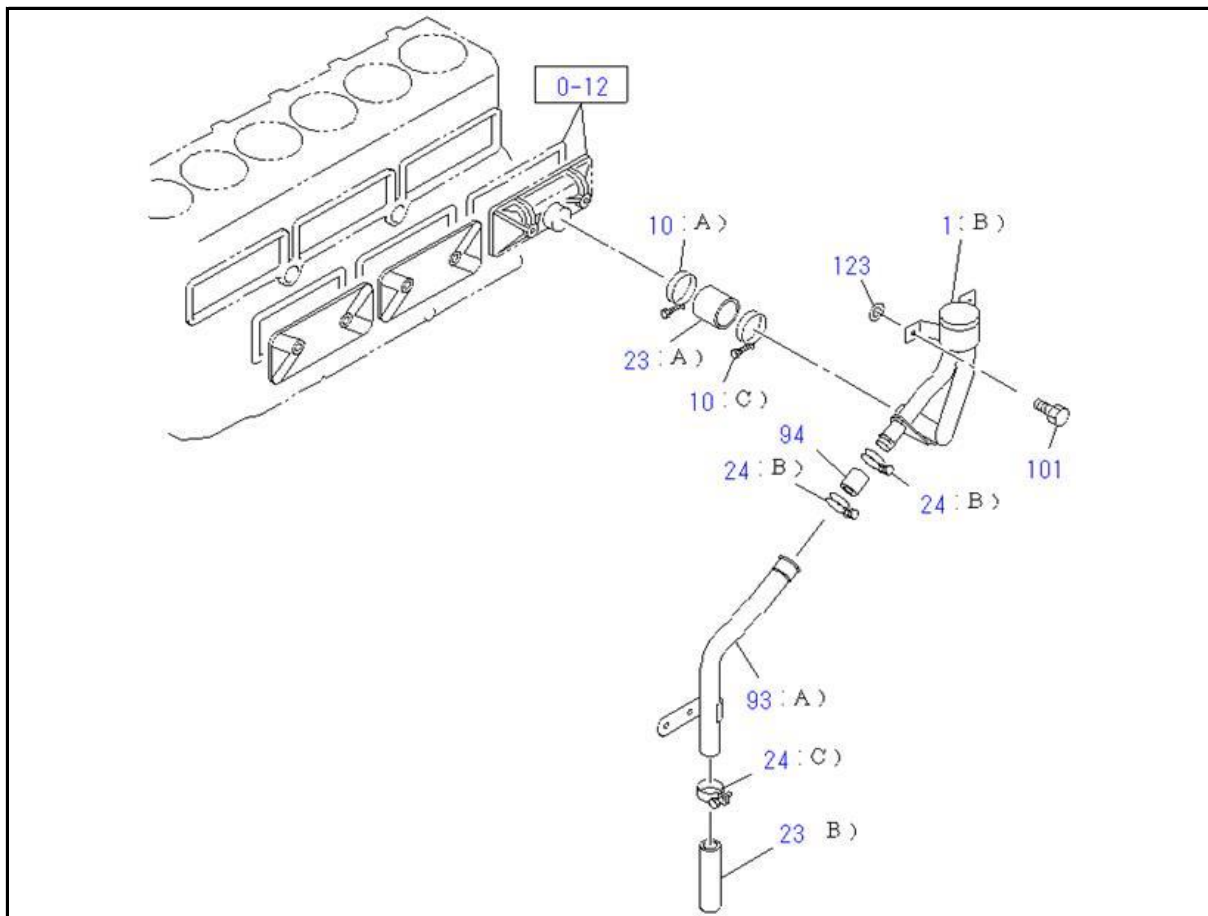
| KEY No. | Part no.                         | qty | Part description                        | Applied Date |
|---------|----------------------------------|-----|-----------------------------------------|--------------|
| 1       | 1-14112-180-3                    | 1   | MANIFOLD; INL                           |              |
| 7 (B)   | 1-14115-104-0                    | 3   | GASKET; INL MANIF TO HD                 |              |
| 10      | 1-14115-059-0                    | 1   | GASKET; INL PIPE TO MANIF               |              |
| 13      | 0-50640-828-0                    | 6   | BOLT; INL MANIF<br>M8X28 W/LK&PL WASHER |              |
| 20      | 0-91110-508-0                    | 6   | NUT; INL MANIF<br>M8                    |              |
| 22      | 0-91510-508-0                    | 6   | WASHER; LK<br>ID=8.2                    |              |
| 23      | 0-91610-508-0                    | 6   | WASHER; PL<br>ID=8                      |              |
| 32      | 0-40210-828-0                    | 3   | STUD; INL PIPE<br>M8X28 L=44            |              |
| 50 (D)  | 1-14112-756-0                    | 1   | PIPE; INL                               |              |
| 51      | 1-09650-074-1                    | 1   | NIPPLE; BOOST PIPE<br>M12 & PT1/4       |              |
| 54      | 0-91510-508-0                    | 3   | WASHER; LK<br>ID=8.2                    |              |
| 55      | 0-91110-508-0                    | 3   | NUT; INL PIPE<br>M8                     |              |
| 192     | 0-91610-508-0                    | 3   | WASHER; PL<br>ID=8                      |              |
| 225 (A) | 0-44011-028-0<br><9-04411-028-0> | 2   | STUD; FUEL FILTER<br>M10X28 L=43        |              |
| 225 (B) | 1-09300-053-0<br><5-09300-029-0> | 2   | STUD; FUEL FILTER<br>M10X18 L=33        |              |
| 359 (A) | 1-14121-124-0                    | 1   | PIPE ASM; BOOST SENSOR                  |              |
| 360 (D) | 1-09700-121-0                    | 1   | CLIP; BOOST PIPE                        |              |
| 361 (B) | 0-28050-812-0                    | 1   | BOLT; CLIP                              |              |

## 0-27 EXHAUST MANIFOLD



| KEY No. | Part no.      | qty | Part description                       | Applied Date |
|---------|---------------|-----|----------------------------------------|--------------|
| 1       | 1-14141-791-2 | 1   | MANIFOLD; EXHAUST                      |              |
| 2 (A)   | 8-94404-610-0 | 3   | GASKET; EXH MANIF TO HD                |              |
| 16      | 9-04731-025-0 | 4   | STUD; EXH PIPE TO MANIF<br>M10X25 L=40 |              |
| 18 (B)  | 1-09440-040-1 | 12  | NUT; EXH MANIF<br>M8 H=12.5            |              |
| 34      | 8-98226-646-0 | 12  | COLLAR; DIST<br>L=44.3                 |              |

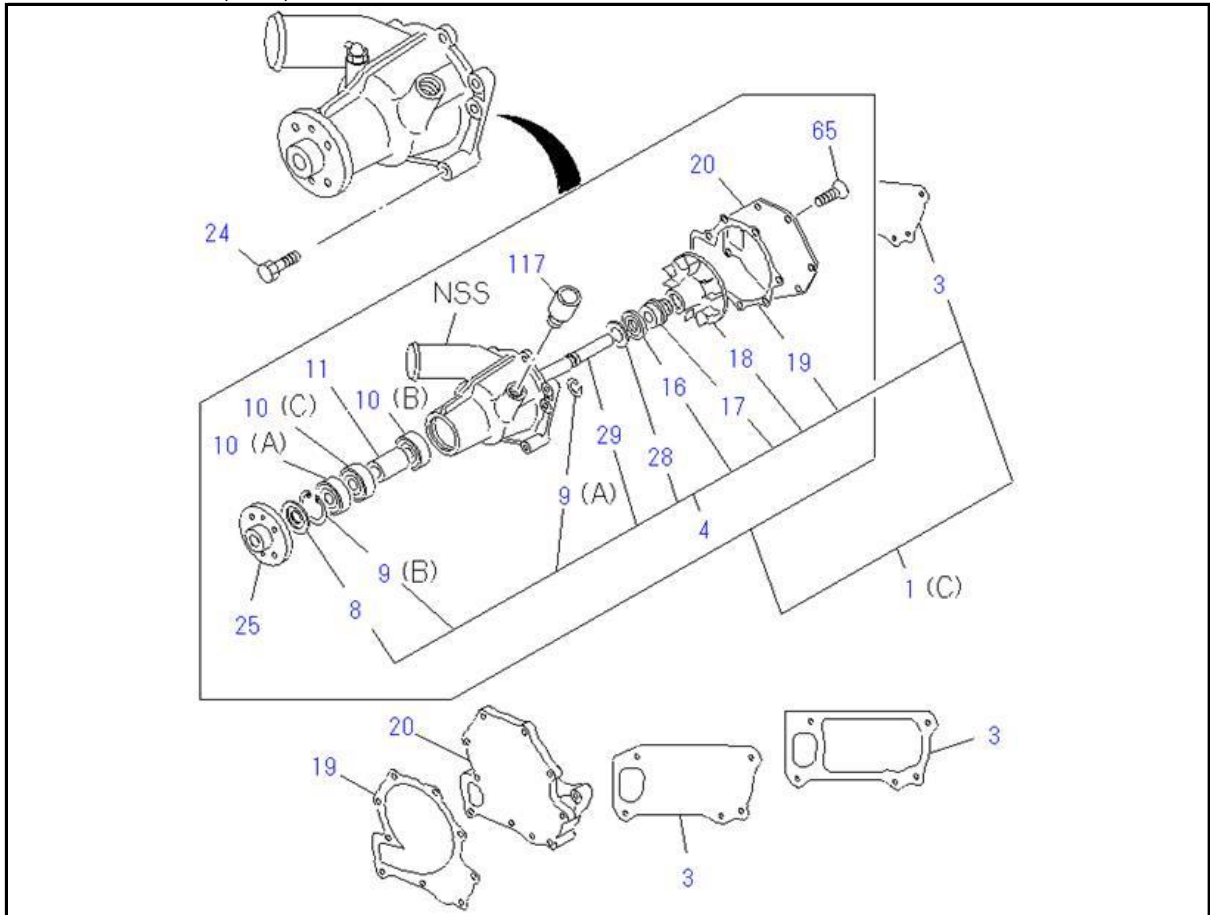
## 0-28 VENTILATION SYSTEM



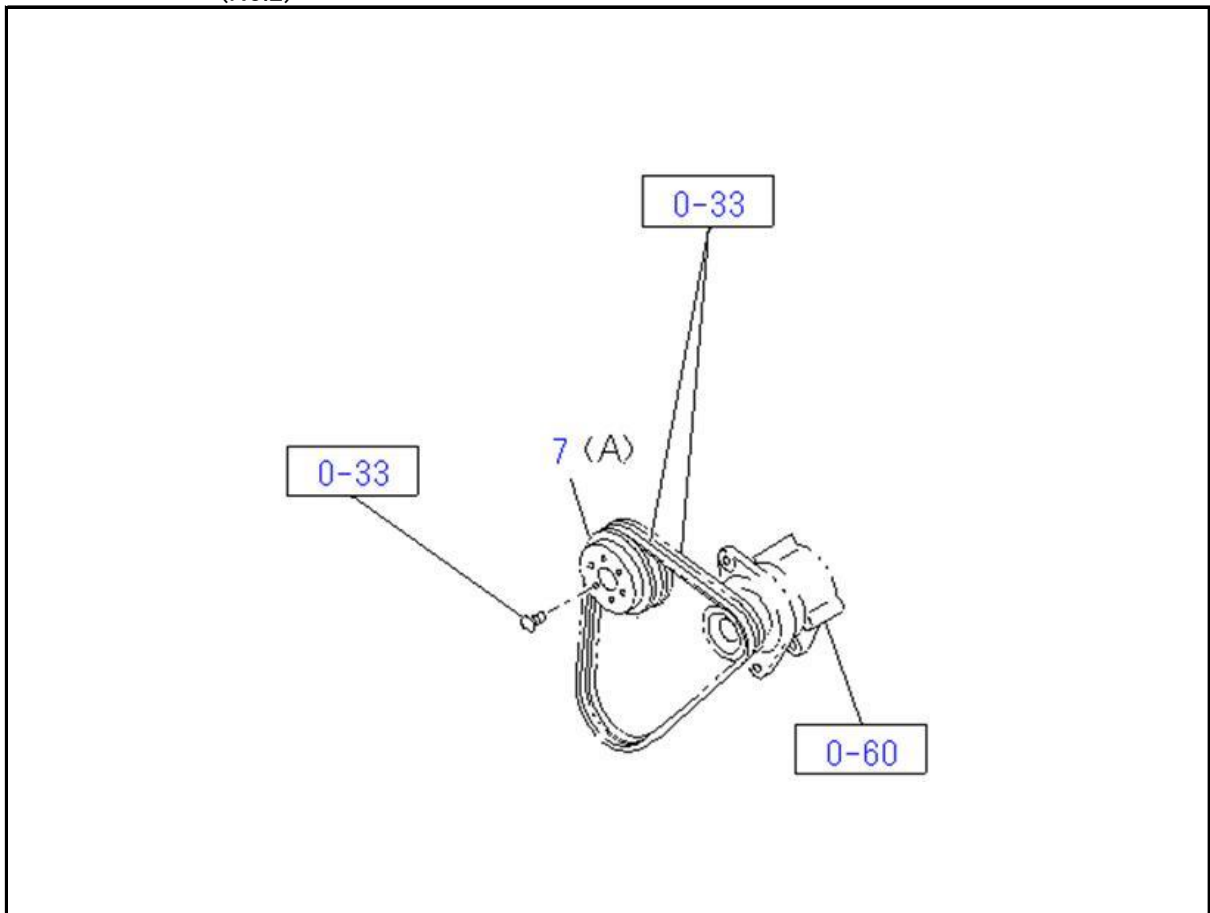
| KEY No. | Part no.                         | qty | Part description                       | Applied Date |
|---------|----------------------------------|-----|----------------------------------------|--------------|
| 1 (B)   | 1-11740-281-0                    | 1   | BREATHER; AIR                          |              |
| 10 (A)  | 9-09915-512-1<br><9-09915-281-1> | 1   | CLIP; AIR BREATHER<br>ID=45            |              |
| 10 (C)  | 9-09915-512-1                    | 1   | CLIP; AIR BREATHER<br>ID=48            |              |
| 23 (A)  | 8-97224-205-0                    | 1   | HOSE; RUBBER<br>L=53                   |              |
| 23 (B)  | 5-09360-911-0                    | 1   | HOSE; RUBBER<br>L=500                  |              |
| 24 (B)  | 5-09704-031-3                    | 2   | CLIP; RUBBER HOSE                      |              |
| 24 (C)  | 9-09915-041-1<br><9-09915-666-1> | 1   | CLIP; RUBBER HOSE, VENTILATOR<br>ID=38 |              |
| 93 (A)  | 1-11742-022-1                    | 1   | PIPE; DRAIN                            |              |
| 94      | 5-11749-032-1                    | 1   | HOSE; BREATHER TO PIPE                 |              |
| 101     | 0-91180-208-0                    | 2   | NUT; BRKT<br>M8 FLANGE                 |              |
| 123     | 0-91614-608-0                    | 2   | WASHER; PL<br>ID=8                     |              |

## 0-30 WATER PUMP AND CORROSION RESISTOR

(No.1)



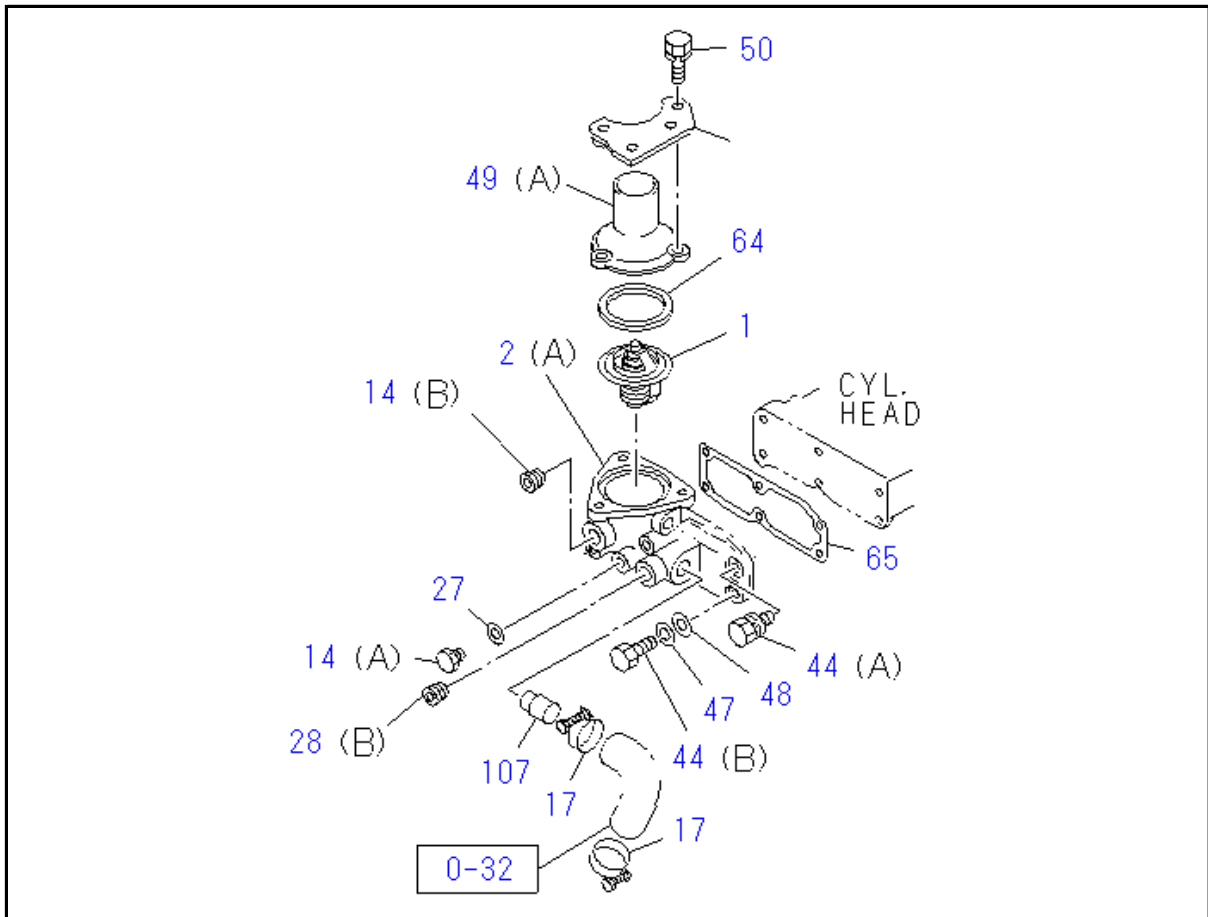
(No.2)



## 0-30 WATER PUMP AND CORROSION RESISTOR

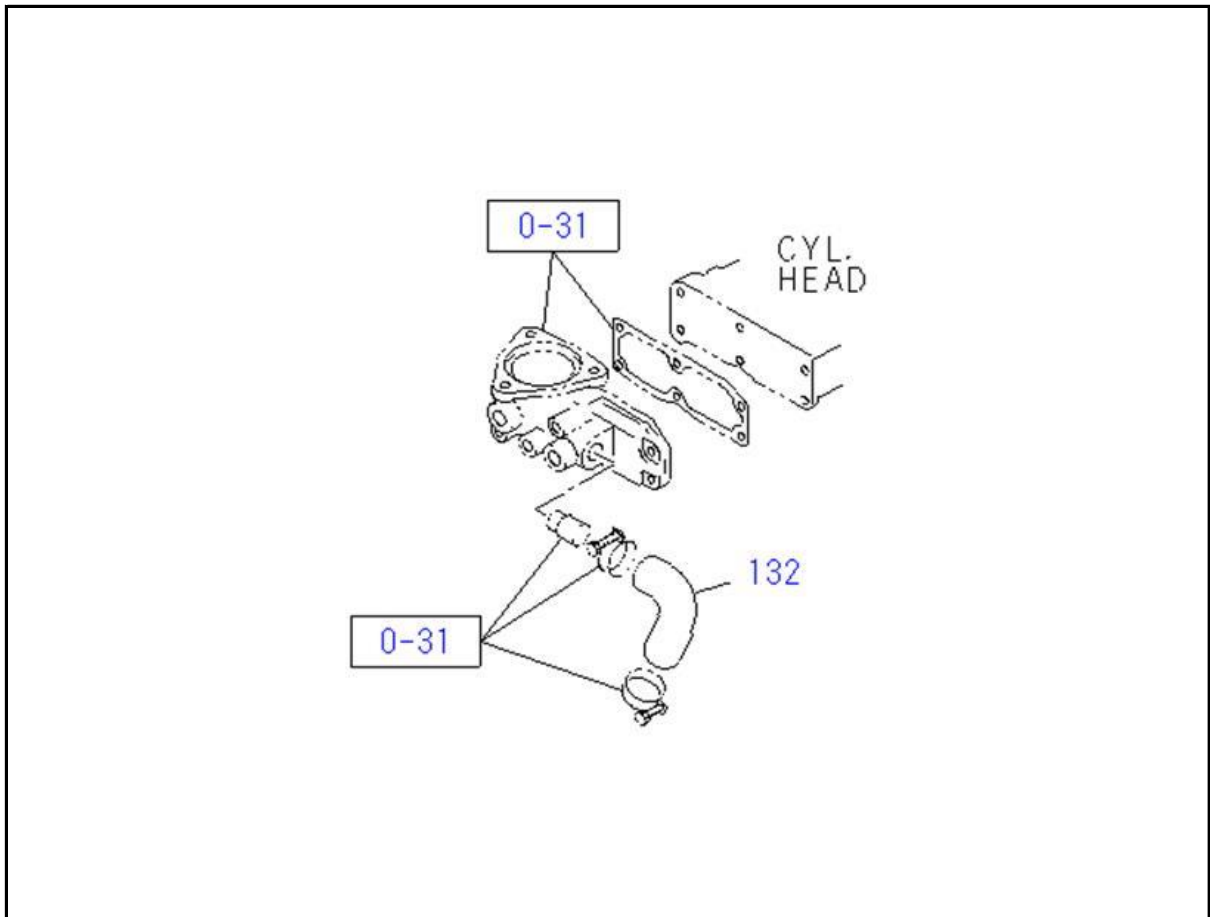
| KEY No. | Part no.                         | qty | Part description                     | Applied Date |
|---------|----------------------------------|-----|--------------------------------------|--------------|
| 1 (C)   | 8-97253-028-1                    | 1   | PUMP ASM; WATER                      |              |
| 3       | 8-94370-661-0                    | 1   | GASKET; PUMP TO C/BL                 |              |
| 4       | 5-87814-320-1                    | 1   | REPAIR KIT; WATER PUMP               |              |
| 7 (A)   | 1-13641-187-0                    | 1   | PULLEY; WATER PUMP<br>2-GROOVE D=174 |              |
| 8       | 5-13639-001-0                    | 1   | THROWER; DUST                        |              |
| 9 (A)   | 9-09952-143-0                    | 1   | RING; SNAP                           |              |
| 9 (B)   | 9-09180-152-0                    | 1   | RING; SNAP                           |              |
| 10 (A)  | 5-09800-051-0                    | 1   | BEARING; WATER PUMP                  |              |
| 10 (B)  | 5-09800-050-0                    | 1   | BEARING; WATER PUMP                  |              |
| 10 (C)  | 1-09800-170-0                    | 1   | BEARING; WATER PUMP                  |              |
| 11      | 5-13634-002-0                    | 1   | SPACER; BRG                          |              |
| 16      | 1-09625-545-0<br><5-09625-055-0> | 1   | SEAL; OIL                            |              |
| 17      | 1-13620-023-0<br><8-97232-249-0> | 1   | SEAL UNIT; WATER PUMP                |              |
| 18      | 8-97232-250-0                    | 1   | IMPELLER; WATER PUMP                 |              |
| 19      | 8-97232-248-0                    | 1   | GASKET; COVER TO BODY                |              |
| 20      | 8-97232-247-0                    | 1   | COVER; WATER PUMP                    |              |
| 24      | 0-28651-035-0                    | 1   | BOLT; WATER PUMP<br>M10X35 FLANGE    |              |
| 24      | 0-28051-050-0                    | 2   | BOLT; WATER PUMP<br>M10X50 FLANGE    |              |
| 24      | 0-28051-070-0                    | 1   | BOLT; WATER PUMP<br>M10X70 FLANGE    |              |
| 25      | 5-13642-007-2                    | 1   | CENTER; WATER PUMP                   |              |
| 28      | 1-09503-070-0                    | 1   | WASHER; WATER PUMP                   |              |
| 29      | 1-13631-074-0                    | 1   | SHAFT; WATER PUMP                    |              |
| 65      | 9-03090-820-0                    | 3   | SCREW; COVER                         |              |
| 117     | 8-97249-895-1                    | 1   | CONNECTOR; BYPASS                    |              |

## 0-31 THERMOSTAT AND HOUSING



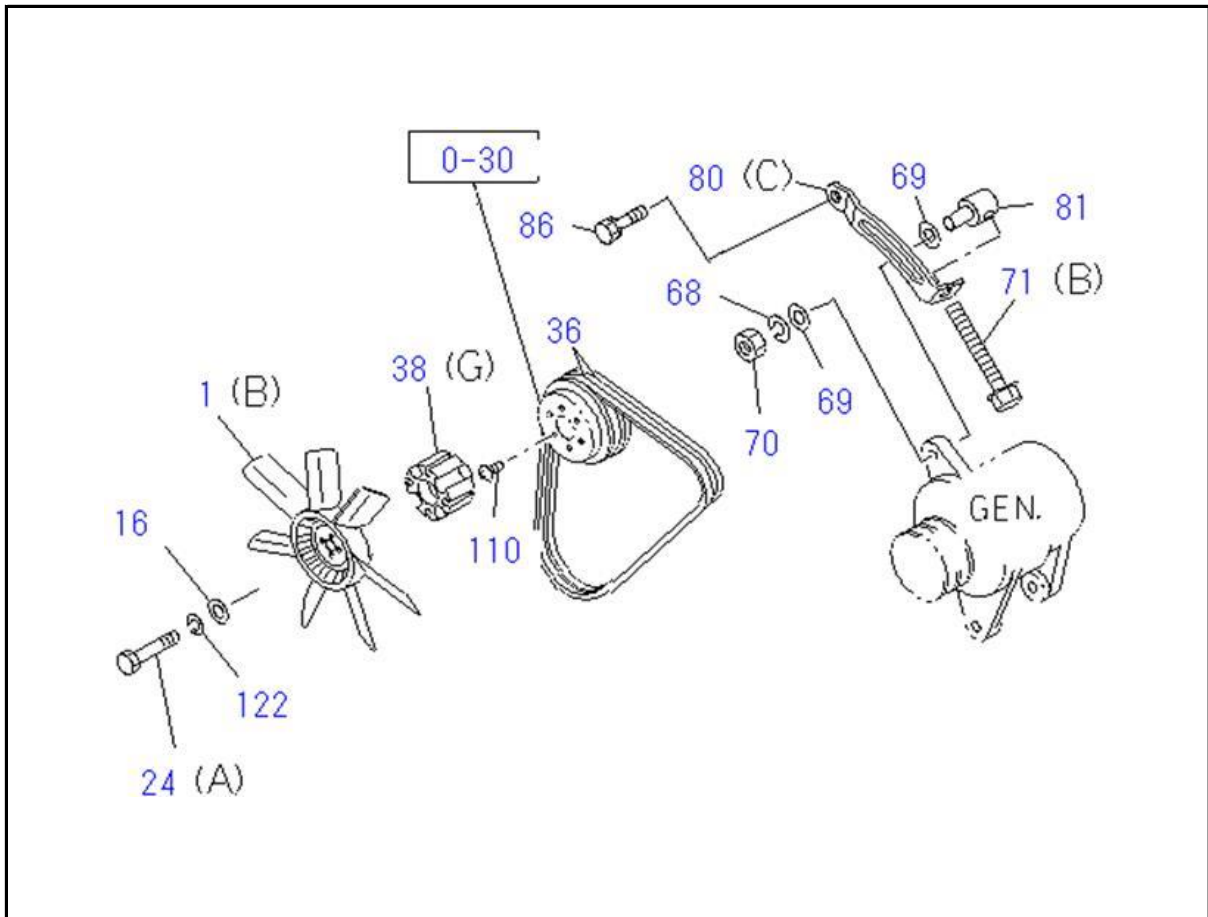
| KEY No. | Part no.                         | qty | Part description                          | Applied Date |
|---------|----------------------------------|-----|-------------------------------------------|--------------|
| 1       | 1-13770-070-0                    | 1   | THERMOSTAT<br>82 CELSIUS                  |              |
| 2 (A)   | 5-13716-026-0                    | 1   | HOUSING; THERMOSTAT                       |              |
| 14 (A)  | 9-09661-005-0                    | 1   | PLUG; SW<br>M16X8 PLUG                    |              |
| 14 (B)  | 1-09605-020-0<br><9-09664-005-0> | 1   | PLUG; SW<br>PT3/4                         |              |
| 17      | 5-09704-046-0                    | 2   | CLIP; WATER HOSE                          |              |
| 27      | 9-09571-416-0                    | 1   | GASKET; SW<br>ID=16.2 OD=24               |              |
| 28 (B)  | 9-09662-034-0                    | 1   | PLUG; HTR<br>M25                          |              |
| 44 (A)  | 0-28651-035-0                    | 3   | BOLT; HSG TO HD<br>M10X35 FLANGE          |              |
| 44 (B)  | 0-10806-095-0                    | 3   | BOLT; HSG TO HD<br>M10X95                 |              |
| 47      | 1-09985-345-0<br><9-09150-510-0> | 3   | WASHER; LK<br>ID=10.2                     |              |
| 47      | 0-91510-510-0                    | 3   | WASHER; LK<br>ID=10.2                     |              |
| 48      | 0-91610-510-0                    | 3   | WASHER; PL<br>ID=10.5                     |              |
| 49 (A)  | 8-97138-003-2                    | 1   | PIPE; WATER OUTLET                        |              |
| 50      | 0-50640-825-0                    | 3   | BOLT; OUTLET PIPE<br>M8X25 W/LK&PL WASHER |              |
| 64      | 1-13743-016-0                    | 1   | GASKET; OUTLET PIPE TO HSG                |              |
| 65      | 8-97235-789-2                    | 1   | GASKET; HSG TO HD                         |              |
| 107     | 8-97253-362-1                    | 1   | PIPE; WATER                               |              |
| 132     | 8-97224-204-0                    | 1   | HOSE; WATER PIPE                          |              |

## 0-32 WATER PIPING; ENGINE



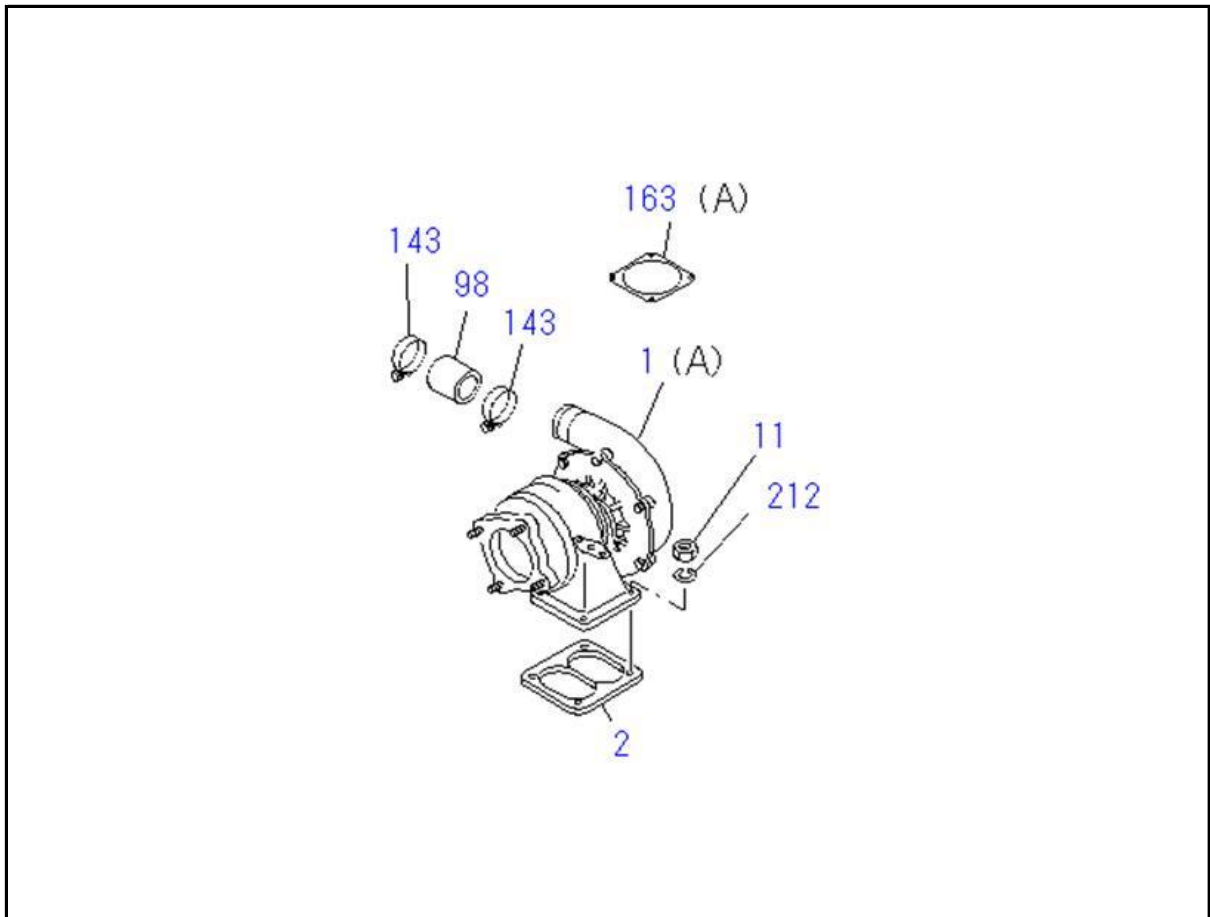
| KEY No. | Part no.      | qty | Part description | Applied Date |
|---------|---------------|-----|------------------|--------------|
| 132     | 8-97224-204-0 | 1   | HOSE; WATER PIPE |              |

## 0-33 FAN AND FAN BELT



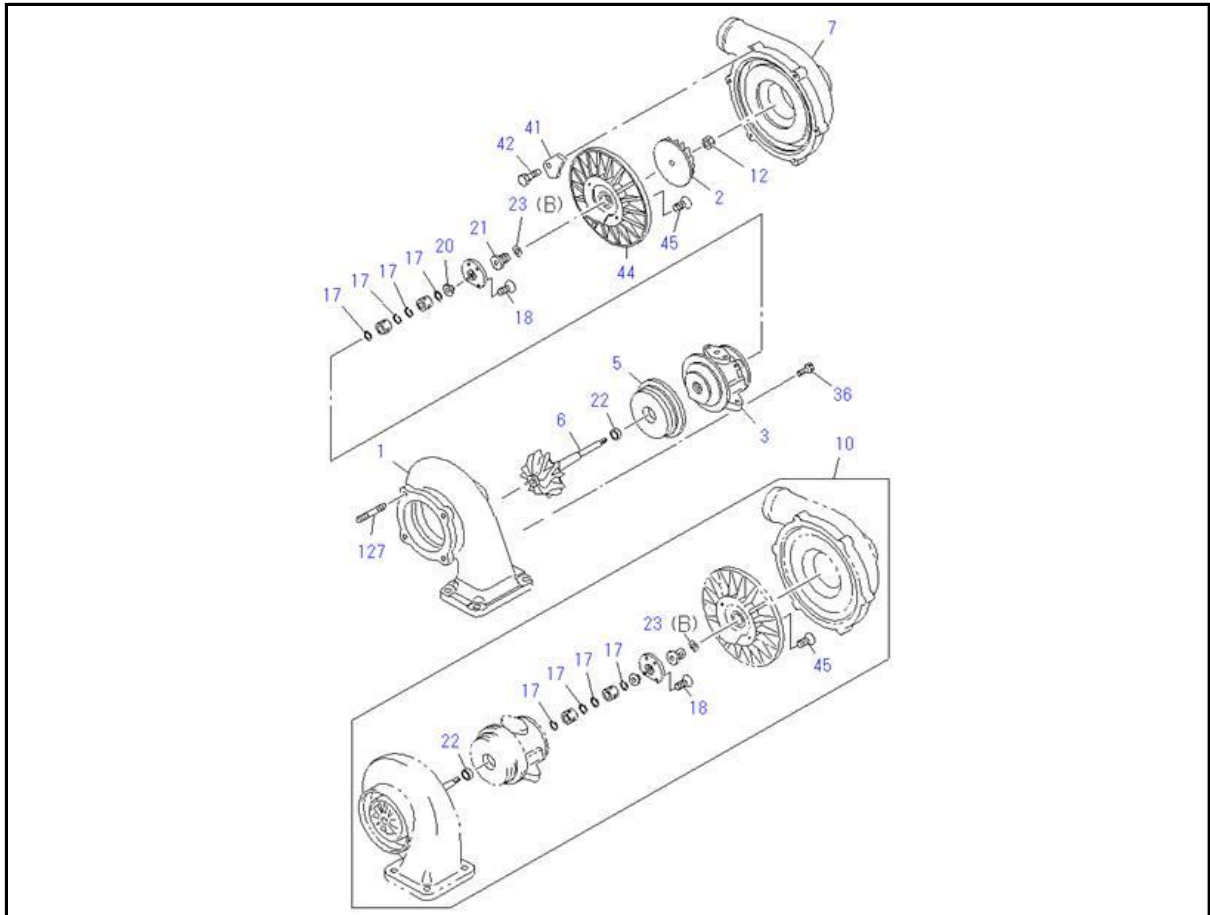
| KEY No. | Part no.                         | qty | Part description                         | Applied Date |
|---------|----------------------------------|-----|------------------------------------------|--------------|
| 1 (B)   | 8-94483-897-1                    | 1   | FAN; COOLING<br>D=550-7-BLOW             |              |
| 16      | 0-91614-708-0                    | 4   | WASHER; PL<br>ID=8 OD=22                 |              |
| 24 (A)  | 0-28060-890-0                    | 4   | BOLT; FAN                                |              |
| 36      | 1-13671-226-0                    | 1   | BELT; COOLING FAN<br>L=1246 2-PIECES SET |              |
| 38 (G)  | 1-13642-051-0                    | 1   | SPACER; FAN<br>T=70                      |              |
| 68      | 0-91510-512-0                    | 1   | WASHER; LK<br>ID=12                      |              |
| 69      | 0-91610-712-0<br><9-09160-712-0> | 2   | WASHER; PL<br>ID=12                      |              |
| 70      | 0-91110-512-0                    | 1   | NUT; ADJ PLATE<br>M12                    |              |
| 71 (B)  | 1-09009-114-1                    | 1   | BOLT; ADJ PLATE<br>M10X155 FLANGE        |              |
| 80 (C)  | 1-13674-118-1                    | 1   | PLATE; ADJ                               |              |
| 81      | 1-13674-161-0                    | 1   | PIECE; SLIDING<br>M12X59                 |              |
| 86      | 0-28651-025-0                    | 1   | BOLT; ADJ<br>M10X25 FLANGE               |              |
| 110     | 1-09981-511-0<br><9-03490-610-0> | 2   | SCREW; PULLEY<br>M6X10                   |              |
| 122     | 0-91510-508-0                    | 4   | WASHER; LK<br>ID=8.2                     |              |

## 0-36 TURBOCHARGER SYSTEM



| KEY No. | Part no.                         | qty | Part description                     | Applied Date |
|---------|----------------------------------|-----|--------------------------------------|--------------|
| 1 (A)   | 1-14400-439-0                    | 1   | TURBOCHARGER ASM                     |              |
| 2       | 1-14145-140-0<br><1-14145-140-1> | 1   | GASKET; TURBOCHARGER TO EXH<br>MANIF |              |
| 11      | 9-09842-007-0                    | 3   | NUT; TURBOCHARGER<br>M10 P=1.5 HEX17 |              |
| 11      | 1-09420-005-0                    | 1   | NUT; TURBOCHARGER<br>M10 P=1.5 HEX14 |              |
| 98      | 1-09360-782-0                    | 1   | HOSE; RUBBER                         |              |
| 143     | 9-09915-551-1                    | 2   | CLIP; HOSE                           |              |
| 163 (A) | 1-14145-184-0                    | 1   | GASKET; ADAPTER TO EXH PIPE          |              |
| 212     | 1-09503-222-0<br><1-09503-033-1> | 4   | WASHER; PL<br>ID=10                  |              |

## 0-37 TURBOCHARGER



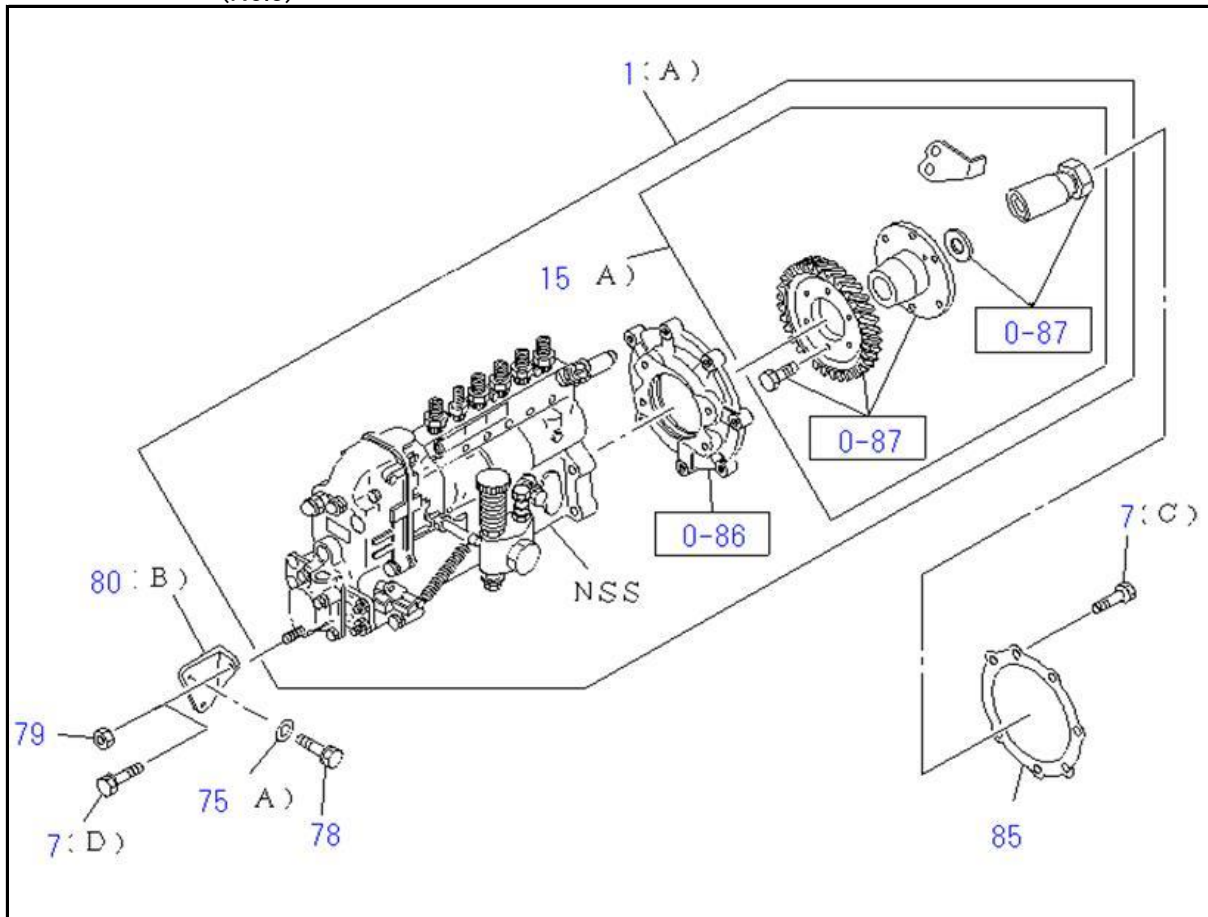
| KEY No. | Part no.      | qty | Part description                        | Applied Date |
|---------|---------------|-----|-----------------------------------------|--------------|
| 1       | 1-14415-135-0 | 1   | HOUSING; TURBINE,TURBOCHARGER           |              |
| 2       | 1-14451-057-0 | 1   | IMPELLER; TURBOCHARGER                  |              |
| 3       | 1-14414-094-0 | 1   | HOUSING; BRG,TURBOCHARGER               |              |
| 5       | 1-14421-024-0 | 1   | PROTECTOR; HEAT,TURBOCHARGER            |              |
| 6       | 1-14450-079-0 | 1   | SHAFT; TURBINE,TURBOCHARGER             |              |
| 7       | 1-14414-093-0 | 1   | HOUSING; BLOWER,TURBOCHARGER            |              |
| 10      | 1-14453-083-0 | 1   | REPAIR KIT; TURBOCHARGER                |              |
| 12      | 1-09400-041-0 | 1   | NUT; LK,TURBINE SHAFT TO IMPELLER,TC    |              |
| 17      | 1-14455-042-0 | 3   | RING; JOURNAL BRG,TURBOCHARGER          |              |
| 18      | 1-09100-033-0 | 3   | SCREW; THRUST                           |              |
| 20      | 1-14453-084-0 | 1   | BUSHING; THRUST,TURBOCHARGER            |              |
| 21      | 1-14455-041-0 | 1   | THROWER; OIL,TURBOCHARGER               |              |
| 22      | 1-14453-086-0 | 1   | RING; SEAL,TURBINE SIDE,TURBOCHARGER    |              |
| 23 (B)  | 1-14453-085-0 | 1   | RING; SEAL,BLOWER SIDE,TURBOCHARGER     |              |
| 36      | 1-09100-034-0 | 4   | BOLT; LK PLATE,TURBINE HSG,TURBOCHARGER |              |
| 41      | 1-14421-020-0 | 6   | PLATE; LK,BLOWER                        |              |
| 42      | 1-14379-088-0 | 6   | BOLT; LK PLATE,BLOWER HSG,TURBOCHARGER  |              |
| 44      | 1-14425-029-0 | 1   | PLATE; SEAL,TURBOCHARGER                |              |
| 45      | 1-09100-032-0 | 4   | SCREW; SEAL PLATE,TURBOCHARGER          |              |
| 127     | 1-04130-825-0 | 4   | STUD; TURBOCHARGER                      |              |

(No.1)



# 0-40 FUEL INJECTION SYSTEM

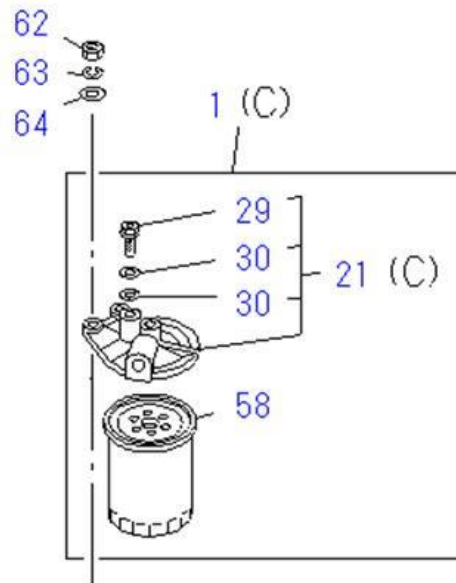
(No.3)



| KEY No. | Part no.                         | qty | Part description                           | Applied Date |
|---------|----------------------------------|-----|--------------------------------------------|--------------|
| 1 (A)   | 1-15603-509-0                    | 1   | PUMP ASM; INJ                              |              |
| 7 (D)   | 0-50741-025-0<br><0-50541-025-0> | 1   | BOLT; INJ PUMP BRKT<br>M10X25 W/LK WASHER  |              |
| 7 (C)   | 0-50540-860-0                    | 7   | BOLT; INJ PUMP BRKT<br>M8X60 W/LK WASHER   |              |
| 15 (A)  | 1-15780-199-0                    | 1   | COUPLING ASM; INJ PUMP                     |              |
| 16 (B)  | 1-15415-847-1                    | 1   | PIPE; INJ NO.1                             |              |
| 17 (B)  | 1-15415-848-1                    | 1   | PIPE; INJ NO.2                             |              |
| 18 (B)  | 1-15415-849-1                    | 1   | PIPE; INJ NO.3                             |              |
| 19 (B)  | 1-15415-850-1                    | 1   | PIPE; INJ NO.4                             |              |
| 20 (B)  | 1-15415-851-2                    | 1   | PIPE; INJ NO.5                             |              |
| 21 (B)  | 1-15415-852-2                    | 1   | PIPE; INJ NO.6                             |              |
| 31      | 1-15300-432-1                    | 6   | NOZZLE ASM; INJ                            |              |
| 32 (B)  | 1-15330-131-0                    | 6   | HOLDER ASM; NOZZLE                         |              |
| 34      | 1-09675-037-1                    | 6   | BOLT; EYE                                  |              |
| 35      | 1-15349-111-0                    | 6   | NUT; NOZZLE RET                            |              |
| 36      | 1-09630-082-0                    | 12  | GASKET; RETURN PIPE                        |              |
| 43 (A)  | 1-15342-002-0                    | 6   | SEAT; NOZZLE SPRING                        |              |
| 43 (B)  | 1-15342-003-0                    | 6   | SEAT; NOZZLE SPRING                        |              |
| 44      | 1-15343-005-0                    | 6   | SPRING; NOZZLE                             |              |
| 45      | 1-15349-129-0                    | 6   | ROD; PUSH                                  |              |
| 47      | 1-15349-157-0                    | 6   | SPACER; NOZZLE SPRING                      |              |
| 54      | 9-15339-051-0                    | 6   | COVER; DUST                                |              |
| 60      | 0-91510-508-0                    | 12  | WASHER; NOZZLE HOLDER<br>ID=8.2            |              |
| 62      | 0-91110-508-0                    | 12  | NUT; NOZZLE HOLDER<br>M8                   |              |
| 66      | 5-15315-003-0                    | 6   | GASKET; INJ NOZZLE<br>ID=9.2 OD=19.0 T=7.3 |              |

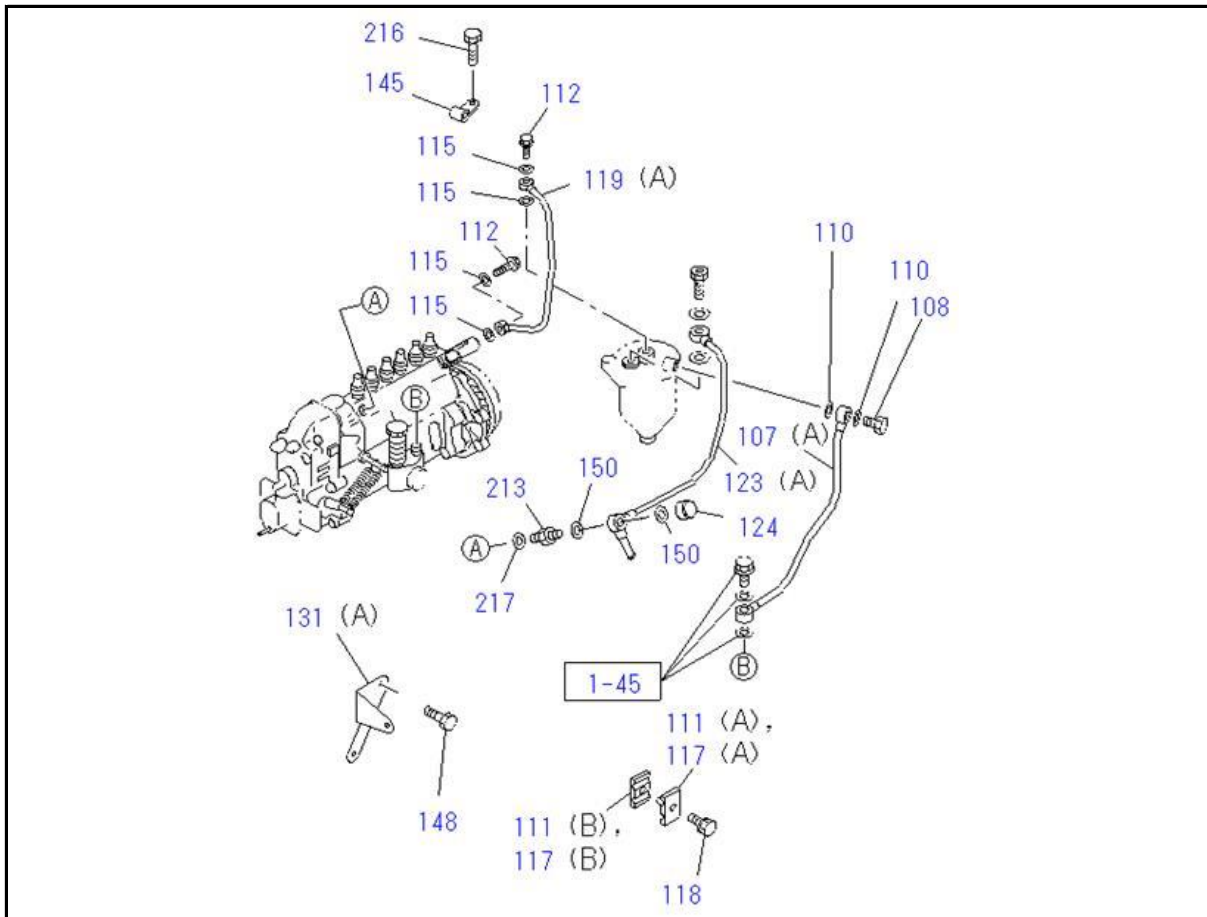
| KEY No. | Part no.                         | qty | Part description                         | Applied Date |
|---------|----------------------------------|-----|------------------------------------------|--------------|
| 75 (A)  | 0-91610-710-0<br><9-09160-710-0> | 3   | WASHER; PL<br>ID=10 OD=26                |              |
| 78      | 0-50541-020-0                    | 2   | BOLT; BRKT TO C/BL<br>M10X20 W/LK WASHER |              |
| 79      | 0-91110-510-0                    | 1   | NUT; BRKT TO INJ PUMP<br>M10             |              |
| 80 (B)  | 1-19751-175-0                    | 1   | BRACKET; PUMP                            |              |
| 85      | 8-94370-675-1                    | 1   | GASKET; BRKT                             |              |
| 98      | 9-15419-613-0                    | 1   | CLIP;                                    |              |
| 99      | 8-94428-007-0<br><9-09802-539-0> | 6   | BOLT; CLIP<br>M5X20                      |              |
| 114     | 5-15419-013-1<br><9-15419-612-0> | 6   | CLIP; INJ PIPE                           |              |
| 115     | 9-15419-614-0                    | 1   | CLIP;                                    |              |
| 121 (B) | 5-15411-223-1                    | 1   | PIPE; FUEL                               |              |
| 121 (A) | 8-94148-390-0                    | 2   | PIPE; FUEL                               |              |
| 133     | 1-15412-471-1                    | 1   | PIPE; INJ NOZZLE LEAK OFF                |              |
| 134     | 1-09675-037-1                    | 1   | BOLT; JOINT<br>M8X18 FLANGE              |              |
| 135     | 1-09630-082-0                    | 2   | GASKET; JOINT BOLT<br>ID=8.2 OD=13.2     |              |
| 138     | 1-15343-006-0                    | 6   | SPRING; NOZZLE LWR                       |              |
| 140 (A) | 1-15349-112-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.40            |              |
| 140 (A) | 1-15349-113-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.50            |              |
| 140 (A) | 1-15349-114-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.52            |              |
| 140 (A) | 1-15349-115-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.54            |              |
| 140 (A) | 1-15349-116-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.56            |              |
| 140 (A) | 1-15349-117-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.58            |              |
| 140 (A) | 1-15349-118-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.60            |              |
| 140 (A) | 1-15349-119-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.70            |              |
| 140 (B) | 1-15349-120-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.40            |              |
| 140 (B) | 1-15349-121-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.50            |              |
| 140 (B) | 1-15349-122-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.52            |              |
| 140 (B) | 1-15349-123-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.54            |              |
| 140 (B) | 1-15349-124-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.56            |              |
| 140 (B) | 1-15349-125-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.58            |              |
| 140 (B) | 1-15349-126-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.60            |              |
| 140 (B) | 1-15349-127-0                    | 1   | SHIM; NOZZLE SPRING<br>T=0.70            |              |
| 272     | 1-15319-036-0                    | 6   | NOZZLE KIT; INJ                          |              |

## 0-41 FUEL FILTER AND BRACKET



| KEY No. | Part no.                         | qty | Part description                        | Applied Date |
|---------|----------------------------------|-----|-----------------------------------------|--------------|
| 1 (C)   | 1-13200-701-4                    | 1   | FILTER ASM; FUEL                        |              |
| 21 (C)  | 1-13212-087-2                    | 1   | COVER; UPR                              |              |
| 29      | 1-13260-047-0                    | 1   | VALVE; OVERFLOW                         |              |
| 30      | 8-98251-345-0                    | 2   | GASKET; OVERFLOW VLV<br>ID=14.2 OD=19.2 |              |
| 58      | 8-98036-654-0                    | 1   | ELEMENT; FUEL FILTER                    |              |
| 62      | 0-91110-510-0                    | 2   | NUT; FUEL FILTER<br>M10                 |              |
| 63      | 1-09985-345-0<br><9-09150-510-0> | 2   | WASHER; LK<br>ID=10.2                   | 8508-0603    |
| 63      | 0-91510-510-0                    | 2   | WASHER; LK<br>ID=10.2                   | 0604-        |
| 64      | 0-91610-510-0                    | 2   | WASHER; PL<br>ID=10.5                   |              |

## 0-42 FUEL PUMP AND PIPE

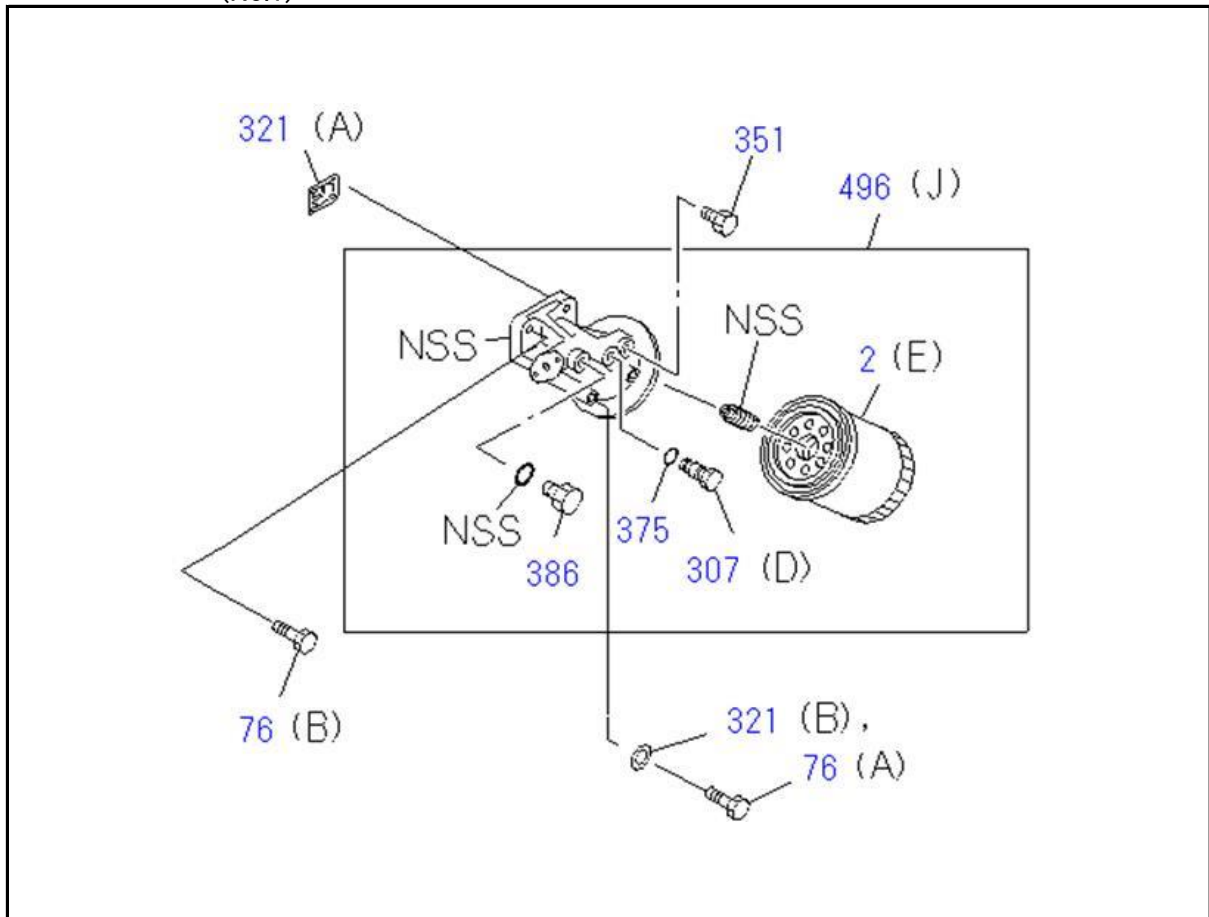


| KEY No. | Part no.      | qty | Part description                      | Applied Date |
|---------|---------------|-----|---------------------------------------|--------------|
| 107 (A) | 1-15415-844-0 | 1   | PIPE; FUEL                            |              |
| 108     | 1-09675-086-0 | 1   | BOLT; JOINT<br>M14X27 FLANGE          |              |
| 110     | 1-09630-085-0 | 2   | GASKET; JOINT BOLT<br>ID=14.2 OD=19.2 |              |
| 111 (A) | 5-09709-103-0 | 1   | CLIP; FUEL PIPE<br>W/TUBE L=48        |              |
| 111 (B) | 5-09709-104-0 | 1   | CLIP; FUEL PIPE<br>WO/TUBE L=45       |              |
| 112     | 1-09675-086-0 | 2   | BOLT; JOINT<br>M14X27 FLANGE          |              |
| 115     | 1-09630-085-0 | 4   | GASKET; JOINT BOLT<br>ID=14.2 OD=19.2 |              |
| 117 (A) | 5-09709-103-0 | 1   | CLIP; FUEL PIPE                       |              |
| 117 (B) | 5-09709-104-0 | 1   | CLIP; FUEL PIPE<br>WO/TUBE L=45       |              |
| 118     | 0-50540-630-0 | 1   | BOLT; CLIP<br>M6X30 W/LK WASHER       |              |
| 119 (A) | 1-15415-845-0 | 1   | PIPE; FUEL                            |              |
| 123 (A) | 1-15415-846-0 | 1   | PIPE; FUEL                            |              |
| 124     | 1-09468-002-1 | 1   | NUT; CAP                              |              |
| 131 (A) | 5-15419-001-0 | 1   | BRACKET; FUEL PIPE CLIP               |              |
| 145     | 9-09524-555-0 | 1   | CLIP; FUEL PIPE<br>ID=6               |              |
| 148     | 0-28651-020-0 | 2   | BOLT; BRKT                            |              |
| 150     | 1-09630-085-0 | 6   | GASKET; FUEL PIPE<br>ID=14.2 OD=19.2  |              |
| 213     | 8-97213-668-1 | 1   | ORIFICE; INJ PUMP OVERFLOW            |              |
| 216     | 0-50540-630-0 | 1   | BOLT; CLIP<br>M6X30 W/LK WASHER       |              |

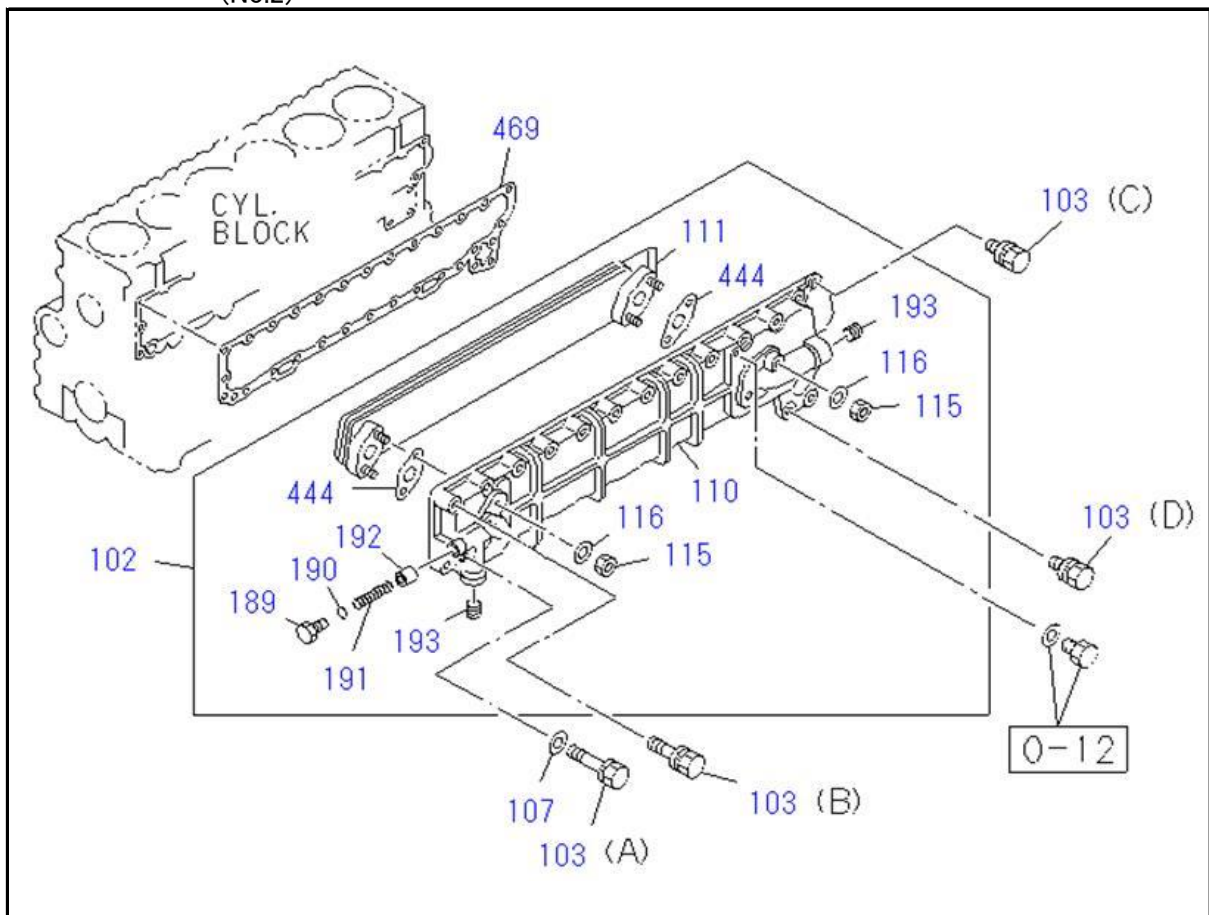
| KEY No. | Part no.      | qty | Part description                        | Applied Date |
|---------|---------------|-----|-----------------------------------------|--------------|
| 217     | 1-09630-085-0 | 2   | GASKET; OVERFLOW VLV<br>ID=14.2 OD=19.2 |              |

## 0-50 OIL COOLER AND OIL FILTER

(No.1)



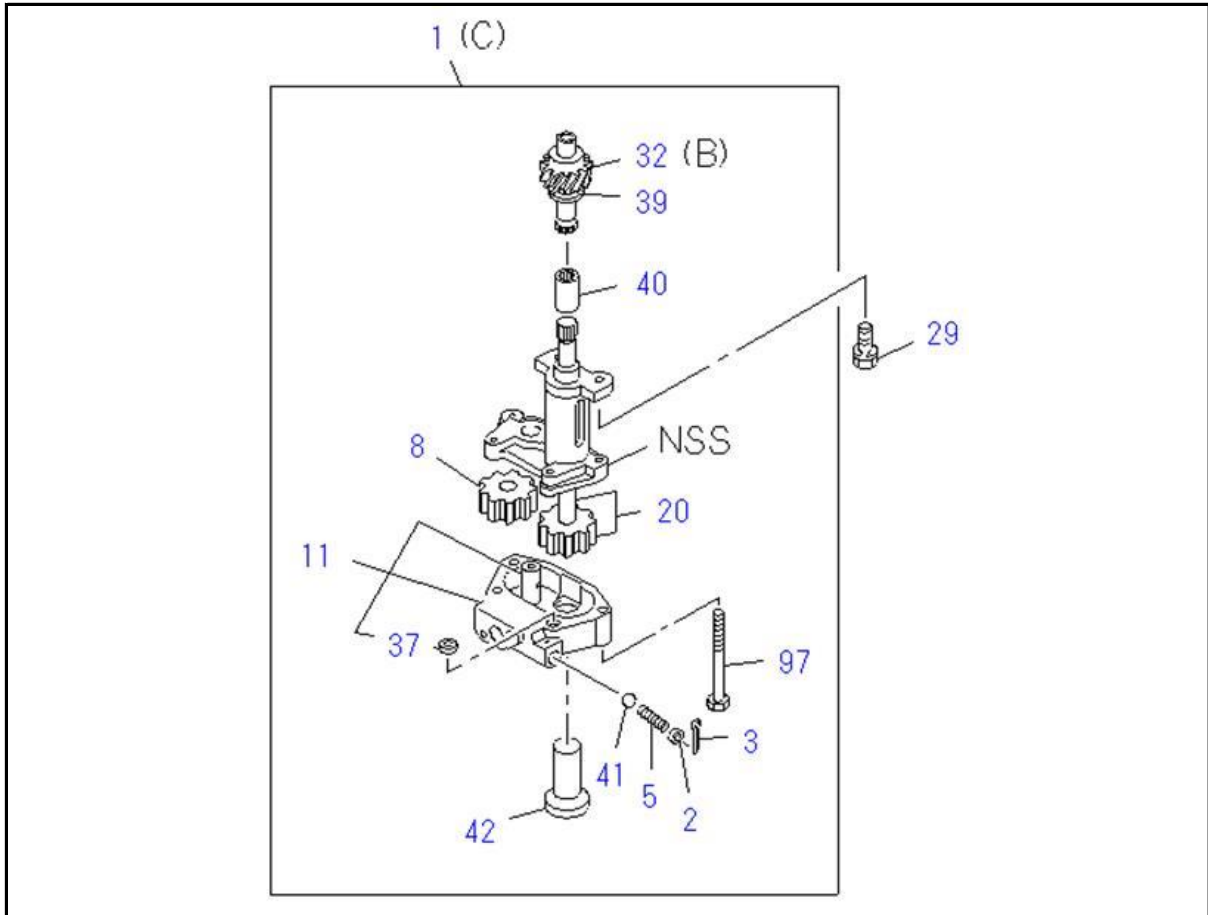
(No.2)



## 0-50 OIL COOLER AND OIL FILTER

| KEY No. | Part no.                         | qty | Part description                         | Applied Date |
|---------|----------------------------------|-----|------------------------------------------|--------------|
| 2 (E)   | 1-13240-232-2                    | 1   | ELEMENT; OIL FILTER                      |              |
| 76 (A)  | 9-09800-928-1                    | 2   | BOLT; OIL FILTER<br>M10X145              |              |
| 76 (B)  | 0-28651-035-0                    | 2   | BOLT; OIL FILTER<br>M10X35 FLANGE        |              |
| 102     | 1-21700-249-2                    | 1   | COOLER ASM; OIL                          |              |
| 103 (A) | 8-94205-986-1                    | 1   | BOLT; OIL COOLER<br>M8X65 W/LK WASHER    |              |
| 103 (B) | 0-50740-845-0<br><0-50140-845-0> | 12  | BOLT; OIL COOLER<br>M8X45 W/LK&PL WASHER |              |
| 103 (C) | 0-50640-828-0                    | 15  | BOLT; OIL COOLER<br>M8X28 W/LK&PL WASHER |              |
| 103 (D) | 1-09030-091-0                    | 2   | BOLT; OIL COOLER<br>M8X20 W/PL WASHER    |              |
| 107     | 0-91610-508-0                    | 1   | WASHER; PL<br>ID=8.4                     |              |
| 110     | 1-11281-028-1                    | 1   | BODY; CASE                               |              |
| 111     | 1-11282-018-0                    | 1   | CORE; OIL COOLER                         |              |
| 115     | 0-91111-510-0                    | 4   | NUT; ELEMENT<br>M10                      |              |
| 116     | 9-09164-510-0                    | 4   | WASHER; PL<br>ID=10                      |              |
| 189     | 9-13263-010-0                    | 1   | PLUG; BYPASS VLV                         |              |
| 190     | 9-09921-193-0<br><9-09562-215-0> | 1   | GASKET; PLUG                             |              |
| 191     | 5-09580-092-0                    | 1   | SPRING; BYPASS VLV                       |              |
| 192     | 5-11288-001-0                    | 1   | VALVE; BYPASS                            |              |
| 193     | 5-09605-017-0                    | 1   | PLUG; TAPER                              |              |
| 307 (D) | 1-13260-098-0                    | 1   | VALVE; OVERFLOW                          |              |
| 321 (A) | 8-94370-670-0                    | 1   | GASKET; OIL FILTER TO C/BL               |              |
| 321 (B) | 9-09572-010-0                    | 2   | GASKET; OIL FILTER TO C/BL               |              |
| 351     | 1-09604-094-0                    | 1   | PLUG; OIL FILTER<br>M10X7                |              |
| 375     | 9-09571-418-0                    | 1   | GASKET                                   |              |
| 386     | 0-92002-418-0                    | 1   | PLUG; OIL FILTER                         |              |
| 444     | 1-11282-029-0                    | 2   | GASKET; ELEMENT TO BODY                  |              |
| 469     | 1-11282-028-2                    | 1   | GASKET; OIL COOLER TO C/BL               |              |
| 496 (J) | 8-98304-240-0<br><1-13201-048-2> | 1   | FILTER ASM; OIL                          |              |

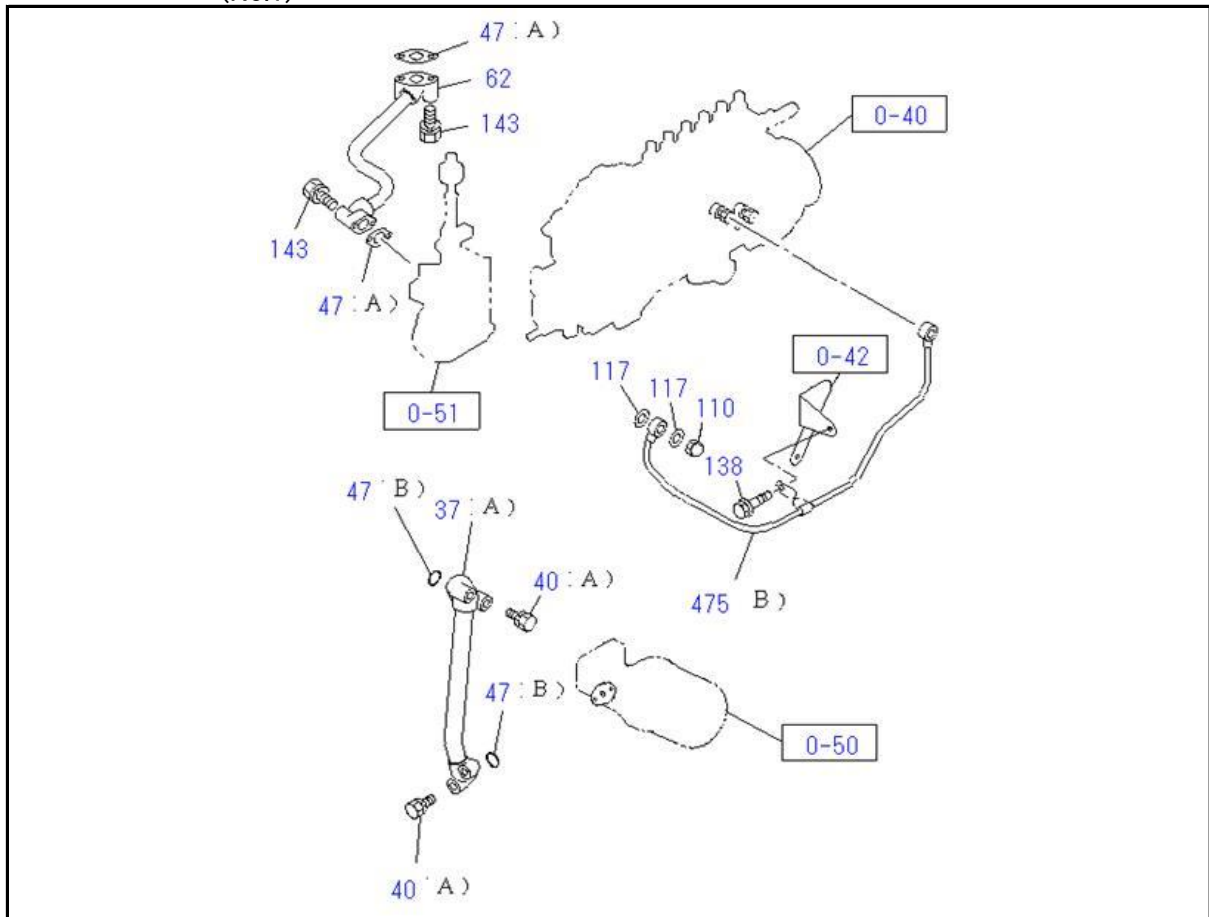
## 0-51 OIL PUMP AND OIL STRAINER



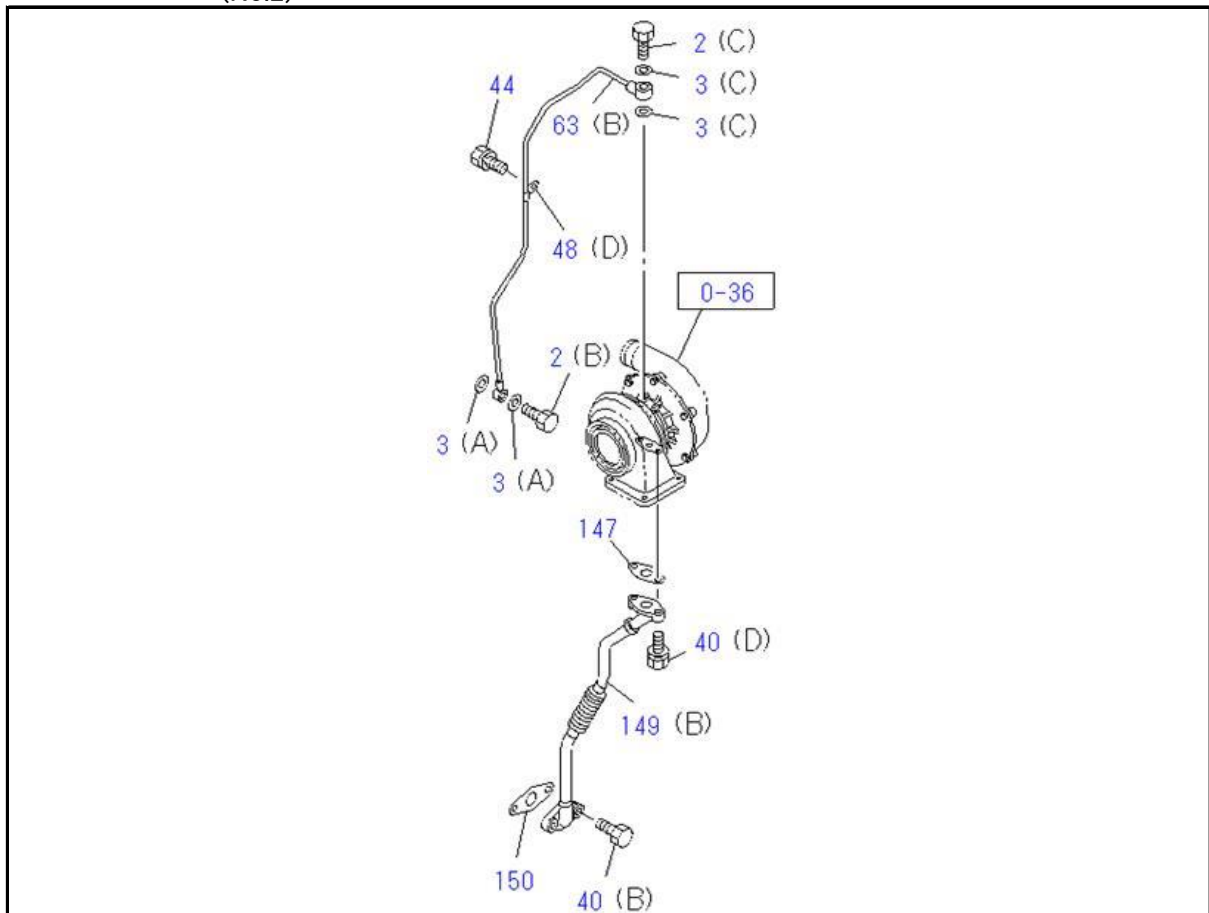
| KEY No. | Part no.                         | qty | Part description                | Applied Date |
|---------|----------------------------------|-----|---------------------------------|--------------|
| 1 (C)   | 1-13100-233-0                    | 1   | PUMP ASM; OIL                   |              |
| 2       | 5-13165-004-0                    | 1   | SEAT; SPR                       |              |
| 3       | 0-81124-030-0<br><9-08104-030-0> | 1   | PIN; SPLIT                      |              |
| 5       | 5-09580-098-0                    | 1   | SPRING; COIL                    |              |
| 8       | 5-13125-001-0                    | 1   | GEAR; DRIVEN                    |              |
| 11      | 1-13113-047-0                    | 1   | COVER ASM; OIL PUMP             |              |
| 20      | 5-13121-005-1<br><5-13121-005-0> | 1   | GEAR; DRIVE                     |              |
| 29      | 0-28651-025-0                    | 2   | BOLT; OIL PUMP<br>M10X25 FLANGE |              |
| 32 (B)  | 1-13128-018-0                    | 1   | PINION; OIL PUMP DRIVING        |              |
| 37      | 1-13119-003-0                    | 1   | DOWEL; COVER<br>OD=12 L=9       |              |
| 39      | 9-13119-010-0                    | 1   | COLLAR; OIL PUMP PINION         |              |
| 40      | 1-13123-016-0                    | 1   | COUPLING; PINION TO SHAFT       |              |
| 41      | 5-09843-003-0                    | 1   | BALL; OIL RELIEF VLV            |              |
| 42      | 1-13140-086-0                    | 1   | STRAINER; OIL                   |              |
| 97      | 1-09044-047-0                    | 4   | BOLT; CASE<br>M8X60             |              |

# 0-52 OIL AND VACUUM PIPING; ENGINE

(No.1)

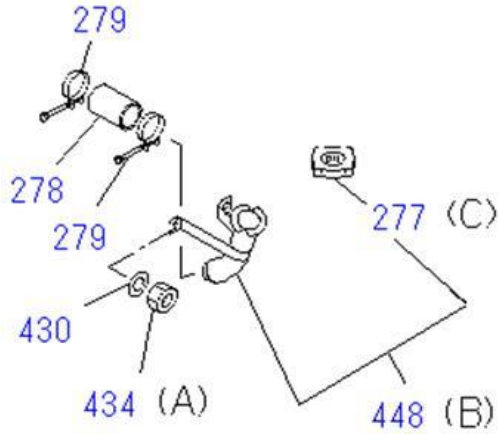


(No.2)



# 0-52 OIL AND VACUUM PIPING; ENGINE

(No.3)

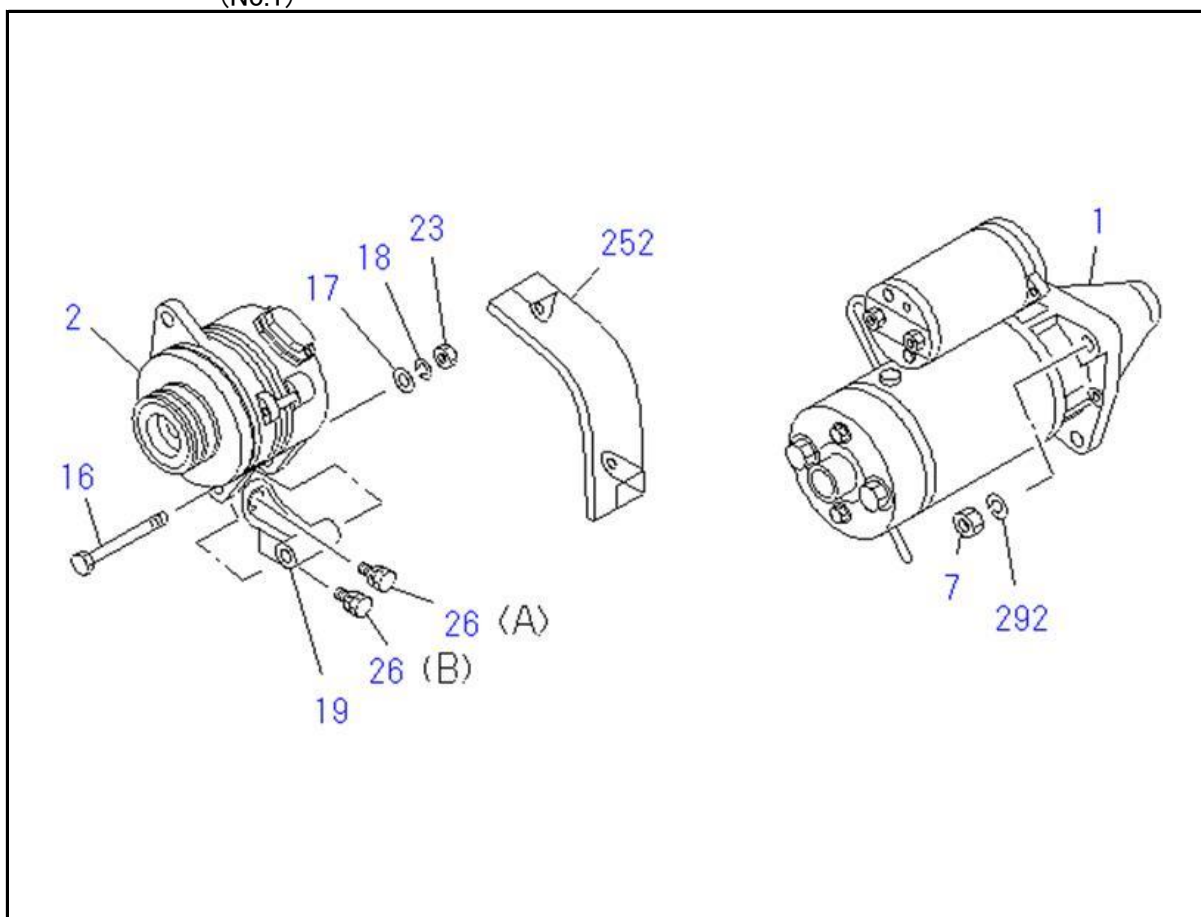


| KEY No. | Part no.                         | qty | Part description                    | Applied Date |
|---------|----------------------------------|-----|-------------------------------------|--------------|
| 2 (B)   | 1-09675-081-0                    | 1   | BOLT; EYE<br>M12X24                 |              |
| 2 (C)   | 8-94470-771-0<br><8-94107-713-2> | 1   | BOLT; EYE<br>M10X26                 |              |
| 3 (A)   | 1-09630-084-0                    | 2   | GASKET; EYE BOLT<br>ID=12.2         |              |
| 3 (C)   | 9-09571-410-0                    | 2   | GASKET; EYE BOLT<br>ID=10.2 OD=16.0 |              |
| 37 (A)  | 5-13311-119-0                    | 1   | PIPE; OIL                           |              |
| 40 (A)  | 0-28650-840-0                    | 4   | BOLT; OIL PIPE<br>M8X40 FLANGE      |              |
| 40 (B)  | 0-28050-850-0                    | 2   | BOLT; OIL PIPE<br>M8X50 FLANGE      |              |
| 40 (D)  | 0-28751-025-0                    | 2   | BOLT; OIL PIPE<br>M10X25 FLANGE     |              |
| 44      | 0-28050-812-0                    | 1   | BOLT; CLIP<br>M8X12 FLANGE          |              |
| 47 (A)  | 9-09921-188-0                    | 2   | GASKET; OIL PIPE<br>ID=18           |              |
| 47 (B)  | 1-09623-462-0                    | 2   | GASKET; OIL PIPE<br>ID=22.8         |              |
| 48 (D)  | 5-09704-054-1                    | 1   | CLIP; OIL PIPE                      |              |
| 62      | 1-13311-532-2                    | 1   | PIPE; OIL                           |              |
| 63 (B)  | 1-13313-599-0                    | 1   | PIPE; OIL                           |              |
| 110     | 9-09844-022-0                    | 1   | NUT; CAP OIL PIPE<br>M10            |              |
| 117     | 1-09630-083-0                    | 2   | GASKET; JOINT<br>ID=10.2            |              |
| 138     | 0-28050-816-0                    | 1   | BOLT; CLIP FIX<br>M8X16 FLANGE      |              |

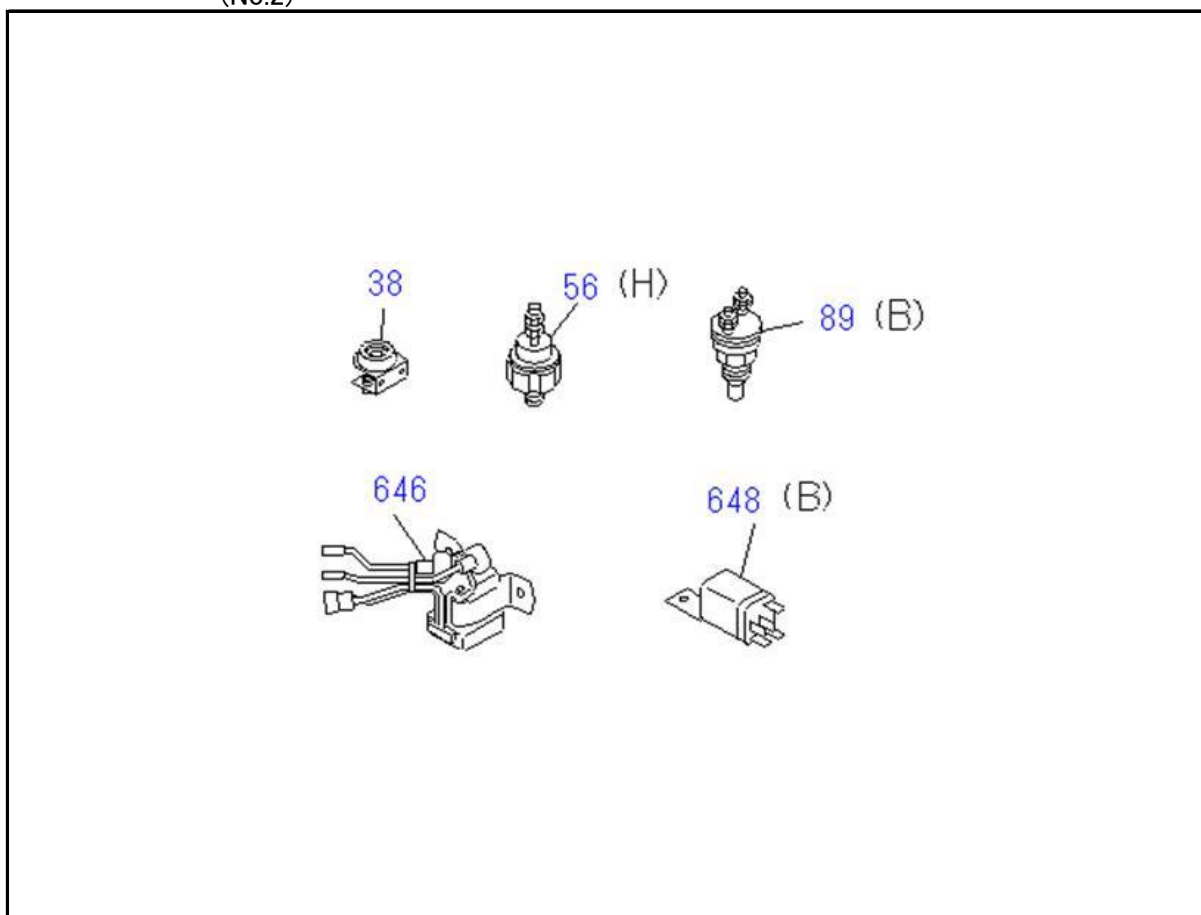
| KEY No. | Part no.                         | qty | Part description                    | Applied Date |
|---------|----------------------------------|-----|-------------------------------------|--------------|
| 143     | 0-50540-840-0                    | 4   | BOLT; OIL PIPE<br>M8X40 W/LK WASHER |              |
| 147     | 1-09637-058-2                    | 1   | GASKET; OIL PIPE TO                 |              |
| 149 (B) | 1-13313-611-1                    | 1   | PIPE; OIL RETURN                    |              |
| 150     | 1-09637-060-1                    | 1   | GASKET; OIL PIPE TO C/BL            |              |
| 277 (C) | 1-11750-024-1<br><1-11750-020-0> | 1   | CAP; OIL FILLER                     |              |
| 278     | 9-09912-976-1                    | 1   | HOSE; RUBBER                        |              |
| 279     | 9-09915-512-1<br><9-09915-553-1> | 2   | CLIP; RUBBER HOSE                   |              |
| 430     | 0-91510-508-0                    | 2   | WASHER; LK<br>ID=8.2                |              |
| 434 (A) | 0-91110-508-0                    | 2   | NUT; OIL FILLER                     |              |
| 448 (B) | 1-11740-204-1<br><1-11740-174-2> | 1   | FILLER; OIL                         |              |
| 475 (B) | 1-13313-603-0                    | 1   | PIPE; OIL                           |              |

# 0-60 ENGINE ELECTRICAL CONTROL PARTS

(No.1)

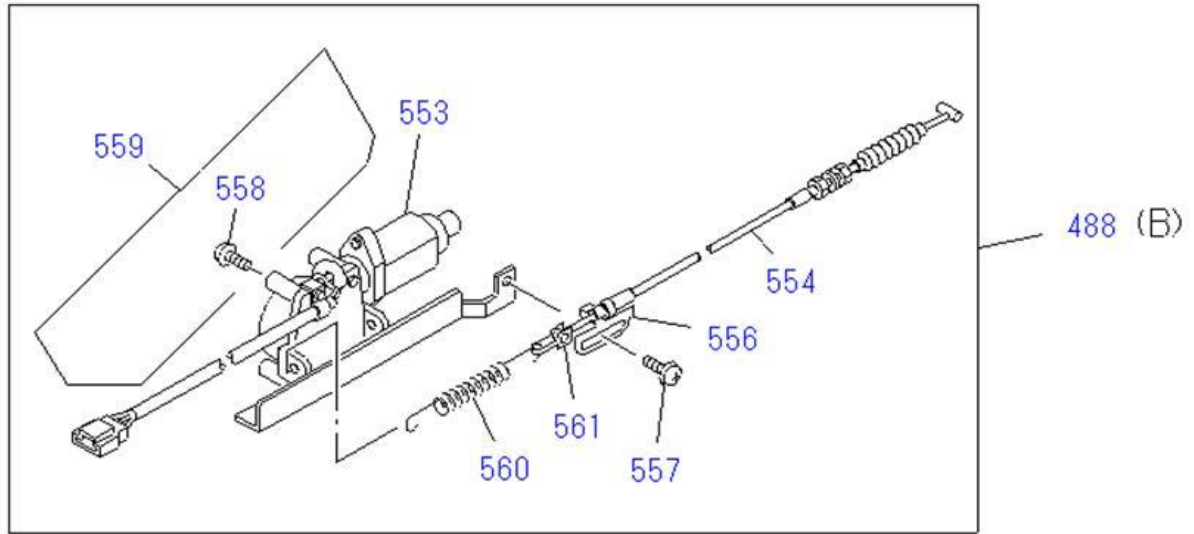


(No.2)



# 0-60 ENGINE ELECTRICAL CONTROL PARTS

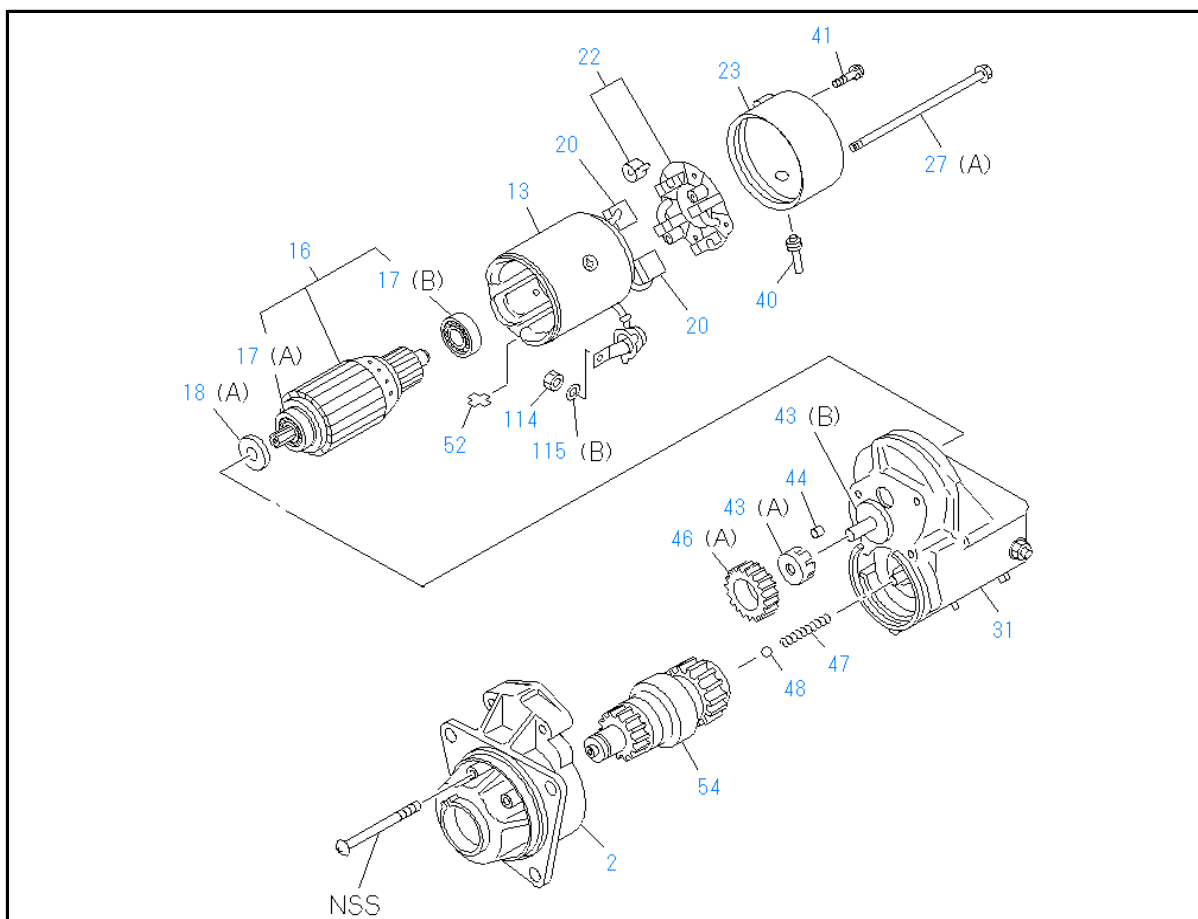
(No.3)



| KEY No. | Part no.                         | qty | Part description                 | Applied Date |
|---------|----------------------------------|-----|----------------------------------|--------------|
| 1       | 1-81100-141-1                    | 1   | STARTER ASM<br>24V 4.5KW DENSO   |              |
| 2       | 1-81200-513-1                    | 1   | GENERATOR ASM<br>24V 30A HITACHI | 0207-1903    |
| 2       | 1-81200-440-3                    | 1   | GENERATOR ASM<br>24V 30A NIKKO   | 1904-        |
| 7       | 0-91110-512-0                    | 3   | NUT; STARTER<br>M12              |              |
| 16      | 1-09000-133-1                    | 1   | BOLT; GEN<br>M14X135             |              |
| 17      | 0-91610-514-0                    | 2   | WASHER; PL                       |              |
| 18      | 0-91510-514-0                    | 1   | WASHER; LK                       |              |
| 19      | 1-19711-045-0<br><5-19711-031-2> | 1   | BRACKET; GEN                     |              |
| 23      | 0-91110-514-0                    | 1   | NUT; GEN<br>M14                  |              |
| 26 (A)  | 0-28051-025-0                    | 1   | BOLT; GEN BRKT<br>M10X25 FLANGE  |              |
| 26 (B)  | 0-28651-035-0                    | 2   | BOLT; GEN BRKT<br>M10X35 FLANGE  |              |
| 38      | 1-81420-004-0<br><9-82530-043-0> | 1   | RESISTOR; CONT                   |              |
| 56 (H)  | 8-98201-472-0                    | 1   | SWITCH; OIL PRESSURE WARNING     |              |
| 89 (B)  | 8-97125-601-1                    | 1   | SWITCH; OVER HEAT WARNING        |              |
| 252     | 1-19719-029-0                    | 1   | COVER; GEN                       |              |
| 292     | 0-91510-512-0                    | 3   | WASHER; LK<br>ID=12.2            |              |
| 488 (B) | 1-81900-137-2                    | 1   | STOPPER; ENG                     |              |
| 553     | 1-81909-117-0<br><1-81909-053-0> | 1   | MOTOR ASM; ENG STOP              |              |

| KEY No. | Part no.                         | qty | Part description     | Applied Date |
|---------|----------------------------------|-----|----------------------|--------------|
| 554     | 1-81909-098-0                    | 1   | CABLE ASM; ENG STOP  |              |
| 556     | 8-94154-861-0                    | 1   | CLAMP; CABLE         |              |
| 557     | 8-97024-319-0<br><9-03910-510-0> | 1   | SCREW; CABLE CLAMP   |              |
| 558     | 8-94439-870-0<br><9-03910-616-0> | 3   | SCREW; BRKT TO MOTOR |              |
| 559     | 8-97049-817-0<br><5-82848-022-0> | 1   | COVER; ENG STOP      |              |
| 560     | 8-94157-920-0                    | 1   | SPRING; CABLE        |              |
| 561     | 8-94157-919-0                    | 1   | HOOK; CABLE TO SPR   |              |
| 646     | 1-82553-039-1                    | 1   | RELAY; SAFETY        |              |
| 648 (B) | 5-82550-030-0                    | 1   | RELAY; ENG STOPPER   |              |

# 0-65 STARTER

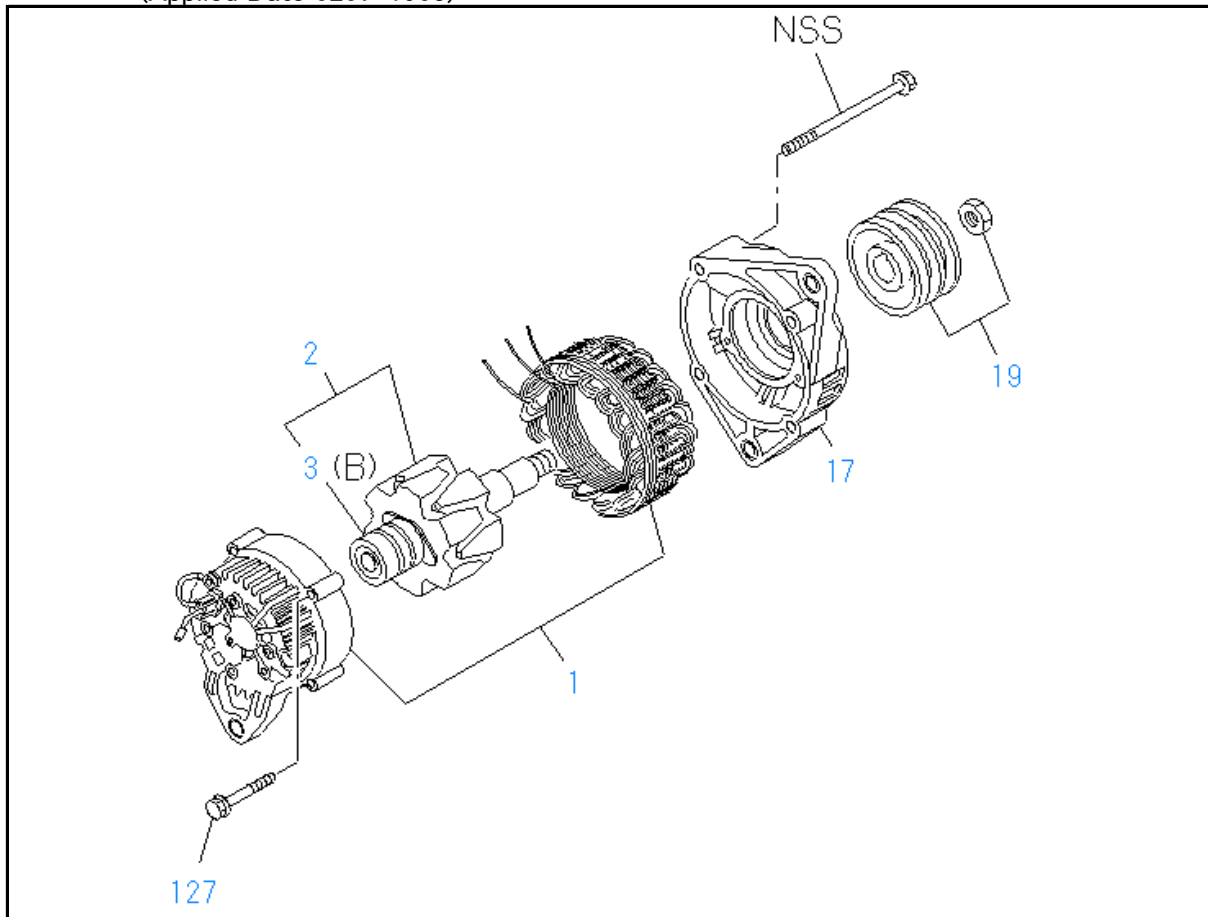


| KEY No. | Part no.                         | qty | Part description             | Applied Date |
|---------|----------------------------------|-----|------------------------------|--------------|
| 2       | 1-81114-018-0                    | 1   | CASE; PINION                 |              |
| 13      | 1-81111-009-0<br><1-81129-696-0> | 1   | YOKE; STARTER                |              |
| 16      | 1-81121-052-1                    | 1   | ARMATURE; STARTER            |              |
| 17 (A)  | 5-09800-081-0<br><5-09800-041-0> | 1   | BEARING; ARMATURE            |              |
| 17 (B)  | 5-09800-064-0                    | 1   | BEARING; ARMATURE            |              |
| 18 (A)  | 5-81129-128-0                    | 1   | WASHER; THRUST               |              |
| 20      | 8-94171-853-0                    | 2   | BRUSH; (+)                   |              |
| 21      | 1-81117-010-0                    | 4   | SPRING; BRUSH HOLDER STARTER |              |
| 22      | 5-81118-013-0                    | 1   | HOLDER; BRUSH STARTER        |              |
| 23      | 1-81115-236-0                    | 1   | COVER; RR COVER STARTER      |              |
| 27 (A)  | 1-81129-698-0                    | 2   | BOLT; THROUGH                |              |
| 31      | 1-81151-034-0                    | 1   | SWITCH; ENGAGE STARTER       |              |
| 40      | 1-81129-677-0                    | 1   | COVER; DUST                  |              |
| 41      | 5-81129-130-0                    | 2   | SCREW; RR COVER              |              |
| 43 (A)  | 5-81129-121-0                    | 1   | RETAINER; PINION STARTER     |              |
| 43 (B)  | 5-81229-127-0                    | 1   | RETAINER; PINION STARTER     |              |
| 44      | 5-81129-120-0                    | 6   | ROLLER; PINION STARTER       |              |
| 46 (A)  | 5-81123-018-0                    | 1   | GEAR; CLU STARTER            |              |
| 47      | 5-81129-119-0                    | 1   | SPRING; PINION STARTER       |              |
| 48      | 5-81129-092-0                    | 1   | BALL; PINION                 |              |
| 52      | 5-81129-136-0                    | 1   | PLATE; LK                    |              |
| 54      | 5-81124-004-0                    | 1   | CLUTCH; PINION               |              |
| 95 (A)  | 1-81116-048-0                    | 2   | BRUSH SET; (+) & (-)         |              |
| 95 (B)  | 1-81116-049-0                    | 2   | BRUSH SET; (+) & (-)         |              |
| 95 (C)  | 8-98155-018-0<br><1-81116-035-0> | 4   | BRUSH SET; (+) & (-)         |              |
| 114     | 5-81129-126-0                    | 1   | NUT; TERMINAL                |              |
| 115 (B) | 5-81129-134-0                    | 1   | WASHER; TERMINAL             |              |

# 0-66-1 GENERATOR

1-81200-513-1

(Applied Date 0207-1903)

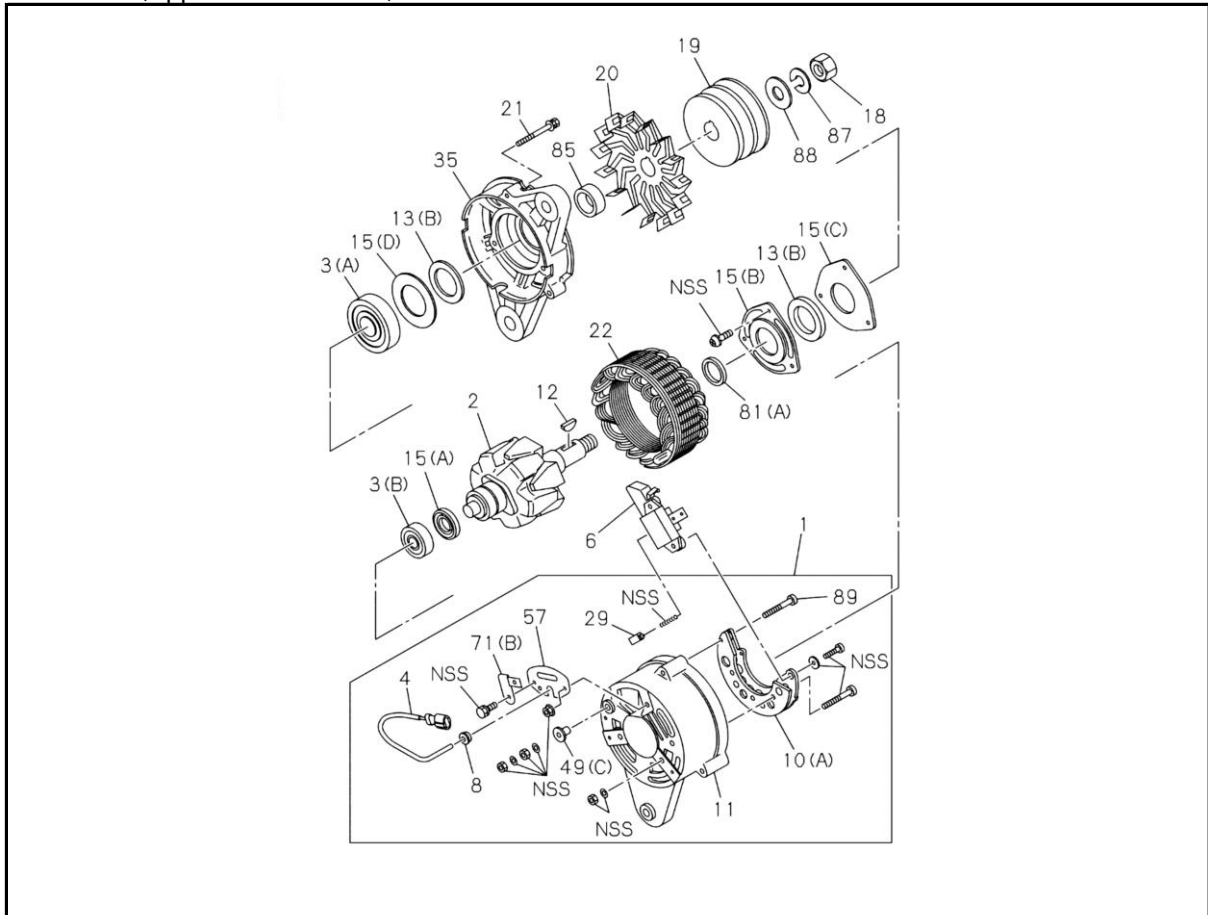


| KEY No. | Part no.                         | qty | Part description | Applied Date |
|---------|----------------------------------|-----|------------------|--------------|
| 1       | 8-98240-981-0<br><1-81214-359-0> | 1   | COVER ASM; RR    |              |
| 2       | 1-81221-103-0                    | 1   | ROTOR; GEN       |              |
| 3 (B)   | 8-97182-740-0                    | 1   | BEARING; ROTOR   |              |
| 17      | 1-81213-102-0                    | 1   | COVER ASM; FRT   |              |
| 19      | 1-81222-131-0                    | 1   | PULLEY; GEN      |              |
| 127     | 8-97182-729-0                    | 1   | BOLT SET; GEN    |              |

# 0-66-2 GENERATOR

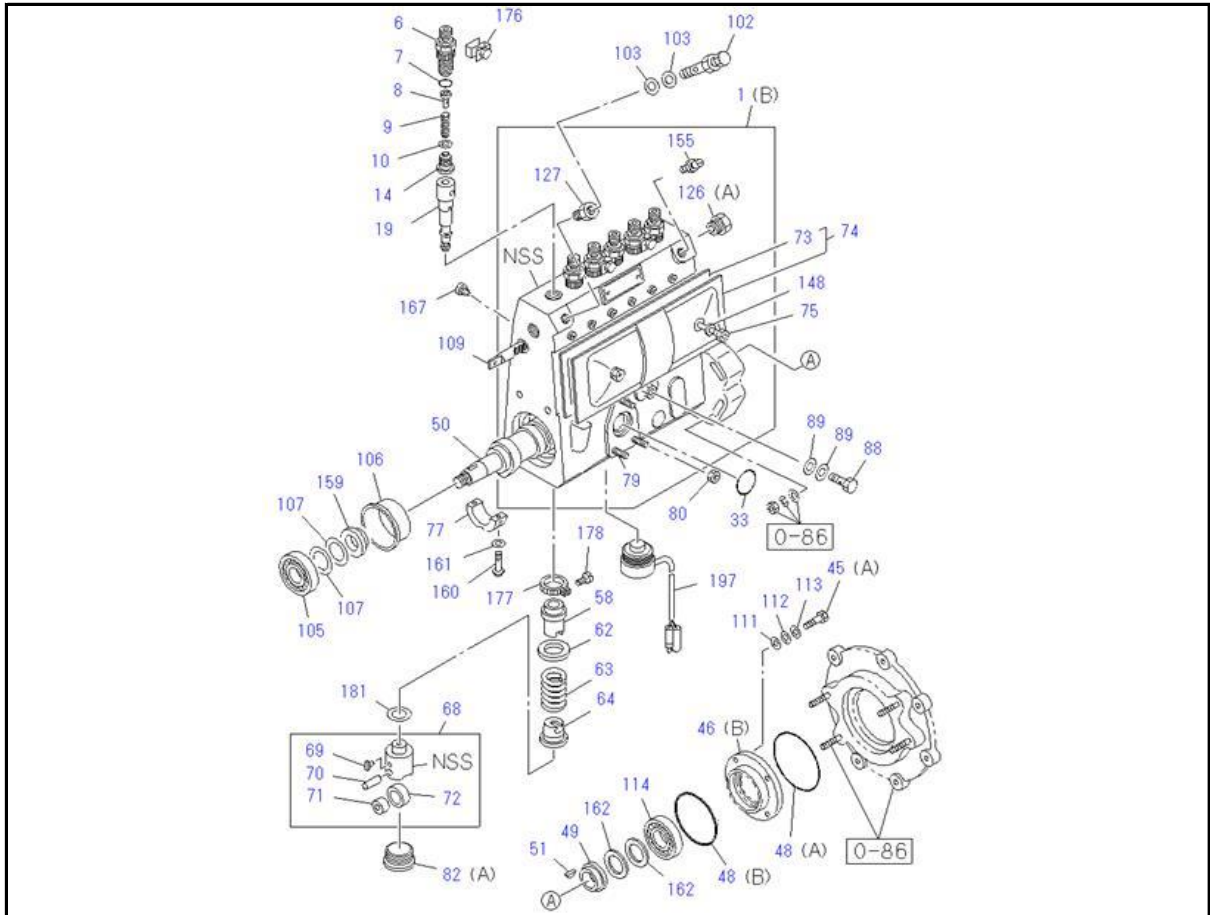
(Applied Date 1904-)

1-81200-440-3



| KEY No. | Part no.      | qty | Part description           | Applied Date |
|---------|---------------|-----|----------------------------|--------------|
| 1       | 1-81214-322-0 | 1   | COVER ASM; RR,GEN          |              |
| 2       | 1-81221-072-0 | 1   | ROTOR; GEN                 |              |
| 3 (A)   | 1-81229-225-0 | 1   | BEARING; ROTOR,GEN         |              |
| 3 (B)   | 8-94173-054-0 | 1   | BEARING; ROTOR,GEN         |              |
| 4       | 1-82699-416-0 | 1   | TERMINAL; BRUSH,GEN        |              |
| 6       | 1-81270-015-0 | 1   | REGULATOR ASM; VOLTAGE,GEN |              |
| 8       | 1-81229-520-0 | 1   | BUSHING; WIRE,GEN          |              |
| 10 (A)  | 8-97029-058-0 | 1   | RECTIFIER; GEN             |              |
| 11      | 1-81214-242-0 | 1   | COVER; RR,GEN              |              |
| 12      | 9-82215-867-0 | 1   | KEY; ROTOR,GEN             |              |
| 13 (B)  | 1-81229-383-0 | 2   | GASKET; ROTOR,GEN          |              |
| 15 (A)  | 8-94173-060-0 | 1   | RETAINER; ROTOR,GEN        |              |
| 15 (B)  | 1-81229-513-0 | 1   | RETAINER; ROTOR,GEN        |              |
| 15 (C)  | 1-81229-376-0 | 1   | RETAINER; ROTOR,GEN        |              |
| 15 (D)  | 1-81229-526-0 | 1   | RETAINER; ROTOR,GEN        |              |
| 18      | 1-81229-474-0 | 1   | NUT; PULLEY,GEN            |              |
| 19      | 1-81222-055-0 | 1   | PULLEY; GEN                |              |
| 20      | 1-81223-009-0 | 1   | FAN; GEN                   |              |
| 21      | 1-81229-382-0 | 3   | BOLT; THROUGH,GEN          |              |
| 22      | 8-97029-055-0 | 1   | STATOR; GEN                |              |
| 29      | 8-94437-922-0 | 2   | BRUSH; GEN                 |              |
| 35      | 1-81213-085-0 | 1   | COVER; FRT,GEN             |              |
| 49 (C)  | 8-94173-061-0 | 1   | BUSHING; RECTIFIER,GEN     |              |
| 57      | 1-81229-544-0 | 1   | COVER; BRUSH,GEN           |              |
| 71 (B)  | 8-97029-059-0 | 1   | HOLDER; TERMINAL,GEN       |              |
| 81 (A)  | 1-81229-543-0 | 1   | SPACER; ROTOR,GEN          |              |
| 85      | 1-81229-527-0 | 1   | SPACER; PULLEY,GEN         |              |
| 87      | 1-81229-479-0 | 1   | WASHER; PULLEY,GEN         |              |
| 88      | 1-81229-478-0 | 1   | WASHER; PL,PULLEY GEN      |              |
| 89      | 8-94382-282-0 | 1   | BOLT; RECTIFIER,GEN        |              |

# 0-80 INJECTION PUMP



| KEY No. | Part no.      | qty | Part description            | Applied Date |
|---------|---------------|-----|-----------------------------|--------------|
| 1 (B)   | 1-15611-222-0 | 1   | HOUSING; PUMP               |              |
| 6       | 1-15644-009-0 | 6   | HOLDER; DELIVERY VLV        |              |
| 7       | 9-81235-046-0 | 6   | GASKET; HOLDER              |              |
| 8       | 1-15649-005-0 | 6   | STOPPER; DELIVERY VLV       |              |
| 9       | 1-15643-014-0 | 6   | SPRING; DELIVERY VLV        |              |
| 10      | 1-15619-103-0 | 6   | GASKET; DELIVERY VLV        |              |
| 14      | 1-15641-025-0 | 6   | VALVE; DELIVERY             |              |
| 19      | 8-97041-664-0 | 6   | PLUNGER ASM; INJ PUMP       |              |
| 33      | 1-09623-013-0 | 1   | GASKET; FUEL FEED PUMP      |              |
| 45 (A)  | 8-97085-000-0 | 4   | BOLT; FRT COVER TO HSG      |              |
| 46 (B)  | 8-97084-999-0 | 1   | COVER; FRT                  |              |
| 48 (A)  | 8-97085-113-0 | 1   | GASKET; FRT COVER TO HSG    |              |
| 48 (B)  | 1-15629-076-0 | 1   | GASKET; FRT COVER TO HSG    |              |
| 49      | 8-97084-990-0 | 1   | RING; FRT BRG               |              |
| 50      | 1-15621-127-0 | 1   | CAMSHAFT; INJ PUMP          |              |
| 51      | 1-15629-009-0 | 1   | KEY; DRIVE GEAR             |              |
| 58      | 9-81231-523-0 | 6   | SLEEVE; CONT                |              |
| 62      | 1-15639-022-0 | 6   | SEAT; PLUNGER SPRING        |              |
| 63      | 1-15634-007-0 | 6   | SPRING; PLUNGER             |              |
| 64      | 1-15639-023-0 | 6   | SEAT; PLUNGER SPRING LWR    |              |
| 68      | 1-15622-006-0 | 6   | TAPPET; CM/SHF              |              |
| 69      | 1-15629-018-0 | 6   | GUIDE; TAPPET               |              |
| 70      | 9-81215-185-0 | 6   | PIN; TAPPET ROLLER          |              |
| 71      | 1-15619-162-0 | 6   | BUSHING; TAPPET ROLLER      |              |
| 72      | 1-15629-010-0 | 6   | ROLLER; TAPPET              |              |
| 73      | 1-15729-960-0 | 1   | GASKET; COVER TO HSG        |              |
| 74      | 1-15612-050-0 | 1   | COVER; HSG                  |              |
| 75      | 1-15619-003-0 | 2   | SCREW; COVER TO HSG         |              |
| 77      | 1-15619-264-0 | 1   | BEARING; CM/SHF CENTER      |              |
| 79      | 9-81215-115-0 | 3   | STUD; FUEL FEED PUMP TO HSG |              |

| KEY No. | Part no.                         | qty | Part description                        | Applied Date |
|---------|----------------------------------|-----|-----------------------------------------|--------------|
| 80      | 8-94171-110-0                    | 3   | NUT; FUEL FEED PUMP FIX                 |              |
| 82 (A)  | 1-15619-160-0                    | 5   | PLUG; HSG                               |              |
| 88      | 8-97372-238-0<br><1-15619-092-0> | 1   | BOLT; EYE                               |              |
| 89      | 1-09630-083-0<br><1-15719-093-0> | 2   | GASKET; OIL FEED BOLT                   |              |
| 102     | 1-15619-488-0                    | 1   | VALVE; OVERFLOW                         |              |
| 103     | 1-09630-085-0                    | 2   | GASKET; OVERFLOW VLV<br>ID=14.2 OD=19.2 |              |
| 105     | 1-15629-002-0                    | 1   | BEARING; CM/SHF RR<br>NSK               |              |
| 105     | 1-15629-003-0                    | 1   | BEARING; CM/SHF RR<br>TOYO              |              |
| 106     | 1-15619-159-0                    | 1   | RING; HSG                               |              |
| 107     | 5-15629-032-0                    | 1   | SHIM; RR BEARING<br>T=1.00              |              |
| 107     | 5-15629-025-0                    | 1   | SHIM; RR BEARING<br>T=0.10              |              |
| 107     | 5-15629-026-0                    | 1   | SHIM; RR BEARING<br>T=0.12              |              |
| 107     | 5-15629-027-0                    | 1   | SHIM; RR BEARING<br>T=0.14              |              |
| 107     | 5-15629-028-0                    | 1   | SHIM; RR BEARING<br>T=0.16              |              |
| 107     | 5-15629-029-0                    | 1   | SHIM; RR BEARING<br>T=0.18              |              |
| 107     | 5-15629-030-0                    | 1   | SHIM; RR BEARING<br>T=0.30              |              |
| 107     | 5-15629-031-0                    | 1   | SHIM; RR BEARING<br>T=0.50              |              |
| 109     | 5-15637-003-0                    | 1   | RACK; CONT                              |              |
| 111     | 1-15629-024-0                    | 4   | GASKET; FRT COVER FIX                   |              |
| 112     | 8-97085-001-0                    | 4   | SHIM; FRT COVER FIX                     |              |
| 113     | 8-94128-928-0                    | 4   | WASHER; LK                              |              |
| 114     | 8-97084-989-0                    | 1   | BEARING; CM/SHF FRT                     |              |
| 126 (A) | 9-81235-017-0                    | 1   | ADAPTER; EYE BOLT                       |              |
| 127     | 1-15619-190-0                    | 1   | ADAPTER; FUEL PIPE                      |              |
| 148     | 9-81215-144-0                    | 2   | GASKET; COVER FIX BOLT                  |              |
| 155     | 1-15619-191-0                    | 1   | BOLT; AIR BLEED                         |              |
| 159     | 5-15629-024-1                    | 1   | RING; RR BEARING                        |              |
| 160     | 1-15629-017-0                    | 2   | SCREW; CENTER BRG                       |              |
| 161     | 9-81225-043-0                    | 2   | GASKET; SCREW                           |              |
| 162     | 8-97084-991-0                    | 1   | SHIM; FRT BRG<br>T=0.10                 |              |
| 162     | 8-97084-992-0                    | 1   | SHIM; FRT BRG<br>T=0.12                 |              |
| 162     | 8-97084-993-0                    | 1   | SHIM; FRT BRG<br>T=0.14                 |              |
| 162     | 8-97084-994-0                    | 1   | SHIM; FRT BRG<br>T=0.16                 |              |
| 162     | 8-97084-995-0                    | 1   | SHIM; FRT BRG<br>T=0.18                 |              |
| 162     | 8-97084-996-0                    | 1   | SHIM; FRT BRG<br>T=0.30                 |              |
| 162     | 8-97084-997-0                    | 1   | SHIM; FRT BRG<br>T=0.50                 |              |
| 162     | 8-97084-998-0                    | 1   | SHIM; FRT BRG<br>T=1.00                 |              |
| 162     | 8-97121-620-0                    | 1   | SHIM; FRT BRG                           |              |
| 167     | 1-15639-003-0                    | 1   | BOLT; CONT RACK                         |              |
| 176     | 5-15625-001-0                    | 3   | PLATE; LK                               |              |

| KEY No. | Part no.                         | qty | Part description        | Applied Date |
|---------|----------------------------------|-----|-------------------------|--------------|
| 177     | 9-81225-057-0                    | 6   | PINION; CONT SLEEVE     |              |
| 178     | 9-81235-003-0                    | 6   | SCREW; PINION           |              |
| 181     | 5-15619-025-0                    | 1   | SHIM; TAPPET<br>T=0.20  |              |
| 181     | 5-15619-026-0                    | 1   | SHIM; TAPPET<br>T=0.25  |              |
| 181     | 5-15619-034-0                    | 1   | SHIM; TAPPET<br>T=0.30  |              |
| 181     | 5-15619-027-0                    | 1   | SHIM; TAPPET<br>T=0.35  |              |
| 181     | 5-15619-035-0                    | 1   | SHIM; TAPPET<br>T=0.40  |              |
| 181     | 5-15619-037-0                    | 1   | SHIM; TAPPET<br>T=0.45  |              |
| 181     | 5-15619-036-0                    | 1   | SHIM; TAPPET<br>T=0.50  |              |
| 181     | 5-15619-011-0                    | 1   | SHIM; TAPPET<br>T=0.55  |              |
| 181     | 5-15619-001-0                    | 1   | SHIM; TAPPET<br>T=0.60  |              |
| 181     | 5-15619-012-0                    | 1   | SHIM; TAPPET<br>T=0.65  |              |
| 181     | 5-15619-002-0                    | 1   | SHIM; TAPPET<br>T=0.70  |              |
| 181     | 5-15619-013-0                    | 1   | SHIM; TAPPET<br>T=0.75  |              |
| 181     | 5-15619-039-0<br><5-15619-003-0> | 1   | SHIM; TAPPET<br>T=0.80  |              |
| 181     | 5-15619-015-0                    | 1   | SHIM; TAPPET<br>T=0.85  |              |
| 181     | 5-15619-004-0                    | 1   | SHIM; TAPPET<br>T=0.90  |              |
| 181     | 9-81235-042-0                    | 1   | SHIM; TAPPET<br>T=0.95  |              |
| 181     | 5-15619-005-0                    | 1   | SHIM; TAPPET<br>T=0.100 |              |
| 181     | 9-81235-043-0                    | 1   | SHIM; TAPPET<br>T=0.105 |              |
| 181     | 5-15619-007-0                    | 1   | SHIM; TAPPET<br>T=0.110 |              |
| 181     | 9-81235-044-0                    | 1   | SHIM; TAPPET<br>T=0.115 |              |
| 181     | 5-15619-008-0                    | 1   | SHIM; TAPPET<br>T=0.120 |              |
| 181     | 9-81235-045-0                    | 1   | SHIM; TAPPET<br>T=0.125 |              |
| 181     | 5-15619-009-0                    | 1   | SHIM; TAPPET<br>T=0.130 |              |
| 181     | 5-15619-108-0                    | 1   | SHIM; TAPPET<br>T=0.135 |              |
| 181     | 5-15619-010-0                    | 1   | SHIM; TAPPET<br>T=0.140 |              |
| 181     | 5-15619-109-0                    | 1   | SHIM; TAPPET<br>T=0.145 |              |
| 181     | 5-15619-106-0                    | 1   | SHIM; TAPPET<br>T=0.150 |              |
| 181     | 5-15619-110-0                    | 1   | SHIM; TAPPET<br>T=0.155 |              |
| 181     | 5-15619-107-0                    | 1   | SHIM; TAPPET<br>T=0.160 |              |
| 197     | 8-97123-879-0                    | 1   | PICKUP; INJ PUMP        |              |

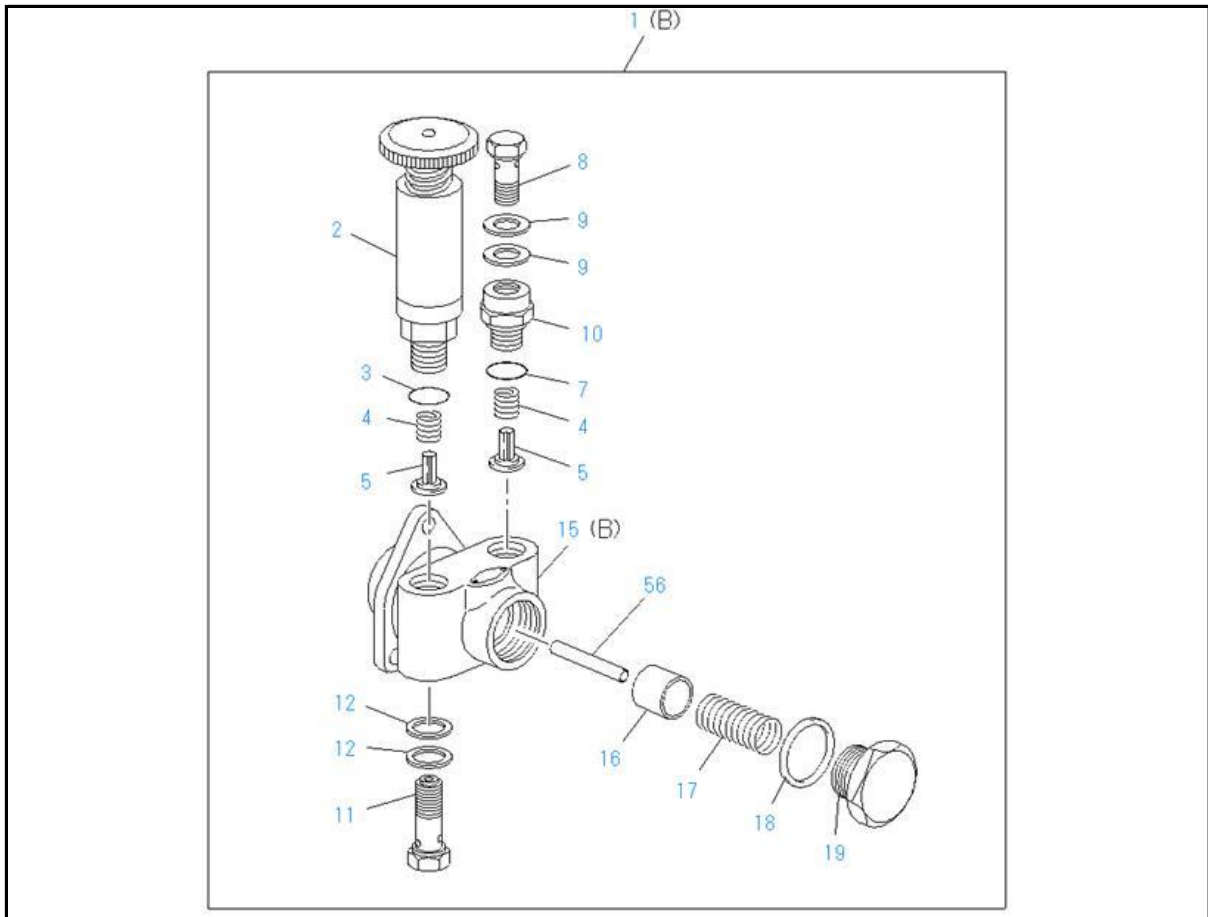
48/57

| KEY No. | Part no.                         | qty | Part description                 | Applied Date |
|---------|----------------------------------|-----|----------------------------------|--------------|
| 17      | 1-15729-891-0                    | 1   | SHIM; FLYWEIGHT SLEEVE<br>T=2.00 |              |
| 17      | 1-15729-892-0                    | 1   | SHIM; FLYWEIGHT SLEEVE<br>T=3.00 |              |
| 17      | 1-15729-893-0                    | 1   | SHIM; FLYWEIGHT SLEEVE<br>T=4.00 |              |
| 18      | 5-15729-372-0                    | 1   | SLEEVE; GOV                      |              |
| 21      | 1-15725-766-0                    | 1   | LEVER ASM; GUIDE                 |              |
| 23      | 8-97332-035-0                    | 1   | LINK; LEVER TO CONT RACK         |              |
| 24      | 5-15723-061-0                    | 1   | SPRING; START                    |              |
| 25      | 0-91805-504-0<br><9-09185-404-0> | 1   | RING; SNAP                       |              |
| 27      | 1-15729-316-0                    | 1   | PIN; SNAP                        |              |
| 37      | 8-97026-752-0                    | 1   | LEVER ASM; TENSION               |              |
| 40      | 1-15779-482-0                    | 1   | SCREW; LEVER ADJ                 |              |
| 41      | 1-15723-186-0                    | 1   | SPRING CAPSULE; IDLE CONT        |              |
| 43      | 9-00813-023-0                    | 1   | NUT; IDLING CONT SPRING          |              |
| 45 (A)  | 8-97251-917-0                    | 1   | LEVER ASM; GOV                   |              |
| 45 (G)  | 1-15725-668-0                    | 1   | LEVER ASM; GOV                   |              |
| 59 (B)  | 1-15721-237-0                    | 1   | COVER; GOV COVER                 |              |
| 60 (A)  | 0-50540-616-0<br><9-01900-616-0> | 1   | BOLT; COVER FIX                  |              |
| 60 (B)  | 1-15619-282-0                    | 2   | BOLT; COVER FIX                  |              |
| 60 (D)  | 5-15729-167-0                    | 1   | BOLT; COVER FIX                  |              |
| 63 (A)  | 1-15779-574-0                    | 1   | GASKET; COVER TO GOV COVER       |              |
| 88      | 9-81325-215-0                    | 1   | BOLT; LEVER PIVOT                |              |
| 89      | 9-81215-147-0                    | 1   | GASKET; LEVER PIVOT BOLT         |              |
| 90      | 5-15729-123-0                    | 1   | SCREW; FULL LOAD ADJ             |              |
| 91      | 1-15723-224-0                    | 1   | SPRING CAPSULE; ADJ              |              |
| 93 (A)  | 9-84410-027-0                    | 1   | NUT; ADJ SCREW LK                |              |
| 93 (C)  | 1-15729-956-0                    | 1   | NUT; ADJ SCREW LK                |              |
| 93 (D)  | 1-15779-508-0                    | 1   | NUT; ADJ SCREW LK                |              |
| 93 (E)  | 1-15729-727-0                    | 1   | NUT; ADJ SCREW LK                |              |
| 93 (F)  | 1-15729-061-0                    | 1   | NUT; ADJ SCREW LK                |              |
| 94 (A)  | 1-15779-502-0                    | 1   | SCREW; ADJ                       |              |
| 96      | 5-15729-053-0                    | 1   | PLUG; LEVER SHAFT                |              |
| 99 (B)  | 1-15729-730-0                    | 1   | PIN; TENSION LEVER               |              |
| 101     | 8-94144-588-0                    | 2   | GASKET; ADJ SPRING CAPSULE       |              |
| 103     | 1-15729-092-0                    | 1   | NUT; CAP                         |              |
| 104 (A) | 8-97179-670-0                    | 1   | CAP; LOCK NUT                    |              |
| 104 (B) | 1-15779-565-0                    | 1   | CAP; LOCK NUT                    |              |
| 106     | 9-81325-030-0                    | 1   | KEY; SWIVEL LEVER                |              |
| 107     | 9-81325-488-0                    | 1   | WASHER; SWIVEL LEVER             |              |
| 108     | 1-15729-301-0                    | 1   | COLLAR; SWIVEL LEVER             |              |
| 109 (A) | 1-15729-099-0                    | 1   | SHIM; SWIVEL LEVER               |              |
| 109 (B) | 9-81325-173-0                    | 1   | SHIM; SWIVEL LEVER               |              |
| 110     | 1-15779-576-0                    | 1   | SEAL; OIL                        |              |
| 111 (A) | 8-97233-085-0                    | 1   | BUSHING; SWIVEL LEVER            |              |
| 111 (B) | 8-97233-086-0                    | 1   | BUSHING; SWIVEL LEVER            |              |
| 112     | 1-15779-573-0                    | 2   | GASKET; SWIVEL LEVER             |              |
| 113     | 9-09185-415-0                    | 2   | RING; SNAP                       |              |
| 116 (A) | 1-15725-882-0                    | 1   | LEVER; ENG STOP                  |              |
| 117 (A) | 1-15723-260-0                    | 1   | SPRING; STOP LEVER               |              |
| 118     | 1-15729-464-0                    | 1   | COLLAR; CONT SHAFT               |              |
| 119     | 1-15729-236-0                    | 1   | NUT; ENG STOP LEVER              |              |
| 120     | 1-09985-177-0<br><1-83579-492-0> | 1   | WASHER; LK                       |              |
| 122     | 1-15779-230-0                    | 1   | WASHER; CONT SHAFT<br>T=0.50     |              |
| 122     | 1-15779-231-0                    | 1   | WASHER; CONT SHAFT<br>T=0.20     |              |

| KEY No. | Part no.                         | qty | Part description          | Applied Date |
|---------|----------------------------------|-----|---------------------------|--------------|
| 123 (B) | 1-09625-310-0                    | 2   | SEAL; OIL                 |              |
| 128     | 1-15779-459-0                    | 1   | SHIM; CONT SHAFT<br>T=0.5 |              |
| 128     | 1-15779-460-0                    | 1   | SHIM; CONT SHAFT<br>T=0.2 |              |
| 128     | 1-15779-578-0                    | 2   | SHIM; CONT SHAFT          |              |
| 130     | 1-15725-411-0                    | 1   | LEVER; CONT               |              |
| 131     | 1-15779-497-0                    | 1   | SCREW; LEVER TO SHAFT     |              |
| 150 (B) | 9-81315-065-0                    | 1   | ADAPTER; GOV HSG          |              |
| 151     | 0-50540-818-0<br><9-01900-818-0> | 1   | BOLT; ADAPTER             |              |
| 153 (A) | 1-15779-219-0                    | 1   | GASKET; GOV HSG           |              |
| 154     | 0-50540-816-0<br><9-01900-816-0> | 1   | BOLT; GOV HSG             |              |
| 156     | 1-09985-177-0<br><1-83579-492-0> | 1   | WASHER; GOV HSG           |              |
| 157     | 5-15729-071-0                    | 1   | BOLT; START SPRING PLATE  |              |
| 158 (A) | 8-97251-914-0                    | 1   | COVER; GOV HSG            |              |
| 158 (C) | 8-97160-589-0                    | 1   | COVER; GOV HSG            |              |
| 159 (A) | 0-50540-616-0<br><9-01900-616-0> | 3   | BOLT; COVER               |              |
| 159 (B) | 1-15619-282-0                    | 1   | BOLT; COVER               |              |
| 159 (C) | 1-15779-505-0                    | 3   | BOLT; COVER               |              |
| 160     | 1-15729-015-0                    | 1   | GASKET; PLUG TO HSG       |              |
| 161     | 1-15729-038-0                    | 1   | PLUG; HSG                 |              |
| 175     | 9-81321-725-0                    | 1   | LEVER; GOV                |              |
| 177 (A) | 0-91805-504-0<br><9-09185-404-0> | 1   | RING; SNAP                |              |
| 177 (B) | 1-09588-170-0                    | 1   | RING; SNAP                |              |
| 196 (A) | 8-94167-798-0                    | 1   | BRACKET; COVER            |              |
| 196 (B) | 1-15779-464-0                    | 1   | BRACKET; COVER            |              |
| 209     | 1-15713-008-0                    | 1   | DIAPHRAGM; GOV            |              |
| 211     | 9-88410-525-0                    | 1   | NUT; LOCK                 |              |
| 217 (A) | 9-81325-181-0                    | 3   | SHIM; GOV                 |              |
| 217 (B) | 9-81325-199-0                    | 1   | SHIM; GOV<br>T=0.50       |              |
| 217 (B) | 9-81325-221-0                    | 1   | SHIM; GOV<br>T=0.20       |              |
| 217 (C) | 1-15729-736-0                    | 4   | SHIM; GOV                 |              |
| 217 (D) | 1-15729-338-0                    | 1   | SHIM; GOV                 |              |
| 218     | 9-88410-525-0                    | 1   | NUT; DIAPH                |              |
| 221     | 1-15723-261-0                    | 1   | WASHER; LK                |              |
| 231     | 9-81391-305-0                    | 1   | WASHER; GOV LEVER         |              |
| 232     | 1-15729-732-0                    | 1   | PIN; RET                  |              |
| 239 (A) | 1-15729-733-0                    | 1   | SCREW; GOV                |              |
| 248     | 1-15729-731-0                    | 1   | PUSH ROD                  |              |
| 253     | 1-15729-636-0                    | 1   | LIMITTER; GOV CONT        |              |
| 264     | 1-15779-222-0                    | 1   | CONNECTOR; CONT RACK      |              |
| 267     | 1-15729-729-0                    | 1   | BOLT; CONN                |              |
| 295     | 1-15779-196-0                    | 1   | RING; SNAP                |              |
| 352 (A) | 1-15729-093-0                    | 1   | NUT; CAP                  |              |
| 369     | 9-81315-191-0                    | 2   | PIN; SPLIT                |              |
| 401     | 1-15729-734-0                    | 1   | BRACKET; HOUSING          |              |
| 413 (A) | 5-15759-045-0                    | 2   | GASKET; GOV COVER         |              |
| 413 (B) | 1-15779-129-0                    | 2   | GASKET; GOV COVER         |              |
| 423     | 8-97251-916-0                    | 1   | SHAFT; CONT               |              |
| 429     | 5-15729-099-0                    | 2   | GASKET; CAP NUT           |              |
| 429     | 8-94227-602-0                    | 2   | GASKET; CAP NUT           |              |
| 430 (B) | 1-15779-507-0                    | 1   | CAP NUT; ADJ LEVER        |              |
| 435     | 1-15729-325-0                    | 1   | BOLT; EYE                 |              |

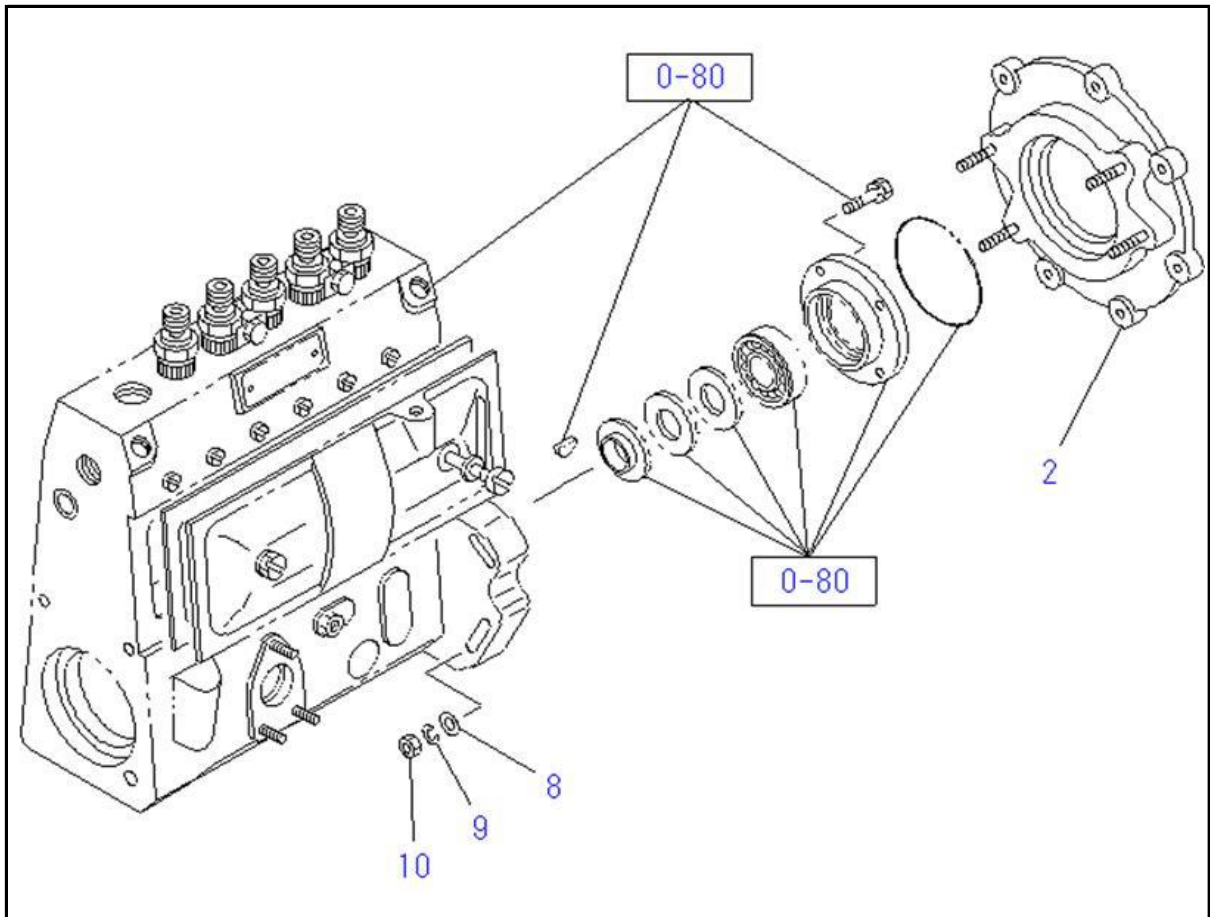
| KEY No. | Part no.                         | qty | Part description  | Applied Date |
|---------|----------------------------------|-----|-------------------|--------------|
| 436     | 8-97372-107-0<br><1-15639-009-0> | 2   | GASKET; EYE BOLT  |              |
| 437     | 1-15723-631-0                    | 1   | SPRING; DIAPHRAGM |              |
| 465     | 9-81321-726-0                    | 1   | LINK; GOVERNOR    |              |
| 474     | 1-15779-582-0                    | 1   | ADAPTER; GOVERNOR |              |

## 0-84 FEED PUMP; INJECTION PUMP



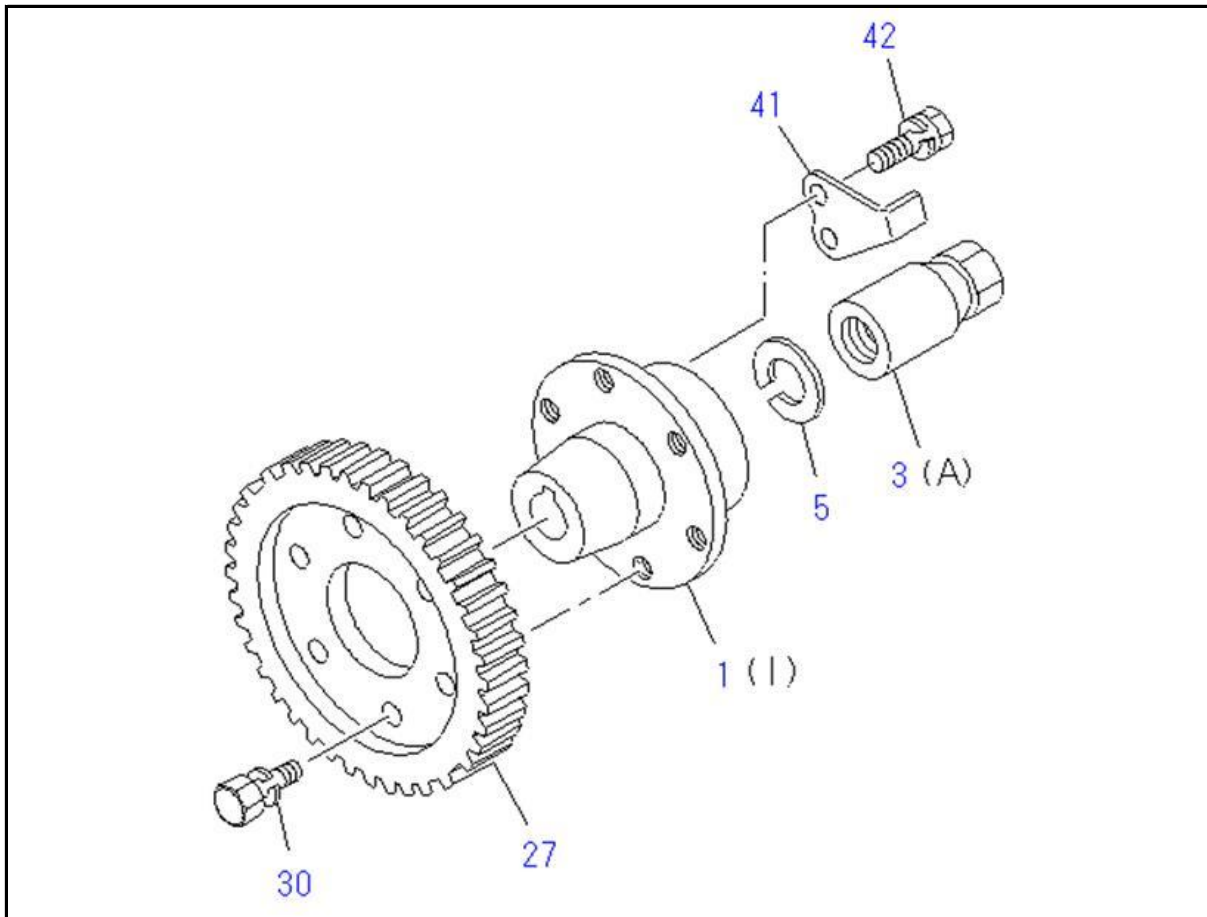
| KEY No. | Part no.                         | qty | Part description        | Applied Date |
|---------|----------------------------------|-----|-------------------------|--------------|
| 1 (B)   | 1-15750-203-0                    | 1   | PUMP ASM; FUEL FEED     |              |
| 2       | 1-15761-006-1                    | 1   | PUMP; PRIMING           |              |
| 3       | 1-15623-016-0<br><1-19623-016-0> | 1   | GASKET; PRIMING PUMP    |              |
| 4       | 9-81351-702-0                    | 2   | SPRING; VLV             |              |
| 5       | 1-15755-002-0                    | 2   | VALVE; FUEL FEED PUMP   |              |
| 7       | 1-15623-016-0<br><1-19623-016-0> | 1   | GASKET; PLUG            |              |
| 8       | 8-97063-155-0                    | 1   | BOLT; EYE               |              |
| 9       | 9-09572-014-0<br><1-15759-001-0> | 3   | GASKET; EYE BOLT        |              |
| 10      | 1-15759-003-0                    | 1   | ADAPTER; EYE BOLT       |              |
| 11      | 8-97063-155-0                    | 1   | BOLT; EYE               |              |
| 12      | 9-09572-014-0<br><1-15759-001-0> | 3   | GASKET; EYE BOLT        |              |
| 15 (B)  | 8-97138-647-0                    | 1   | HOUSING; FUEL FEED PUMP |              |
| 16      | 1-15752-001-0                    | 1   | PISTON; FUEL FEED PUMP  |              |
| 17      | 8-97214-466-0                    | 1   | SPRING; PISTON          |              |
| 18      | 1-15759-042-0                    | 1   | GASKET; PISTON PLUG     |              |
| 19      | 8-94171-185-0                    | 1   | PLUG; PISTON SPRING     |              |
| 56      | 8-97115-990-0                    | 1   | PUSH ROD                |              |

## 0-86 MISCELLANEOUS PARTS; INJECTION PUMP



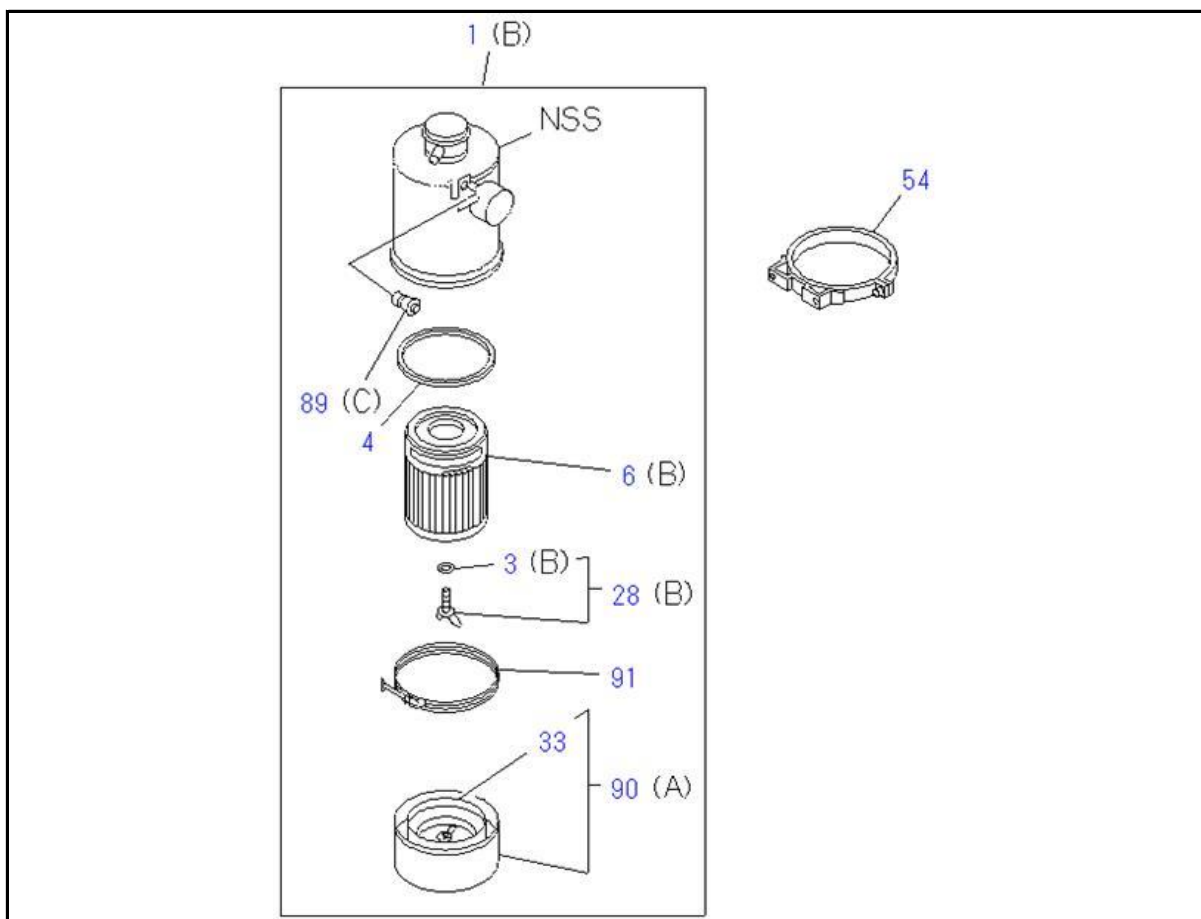
| KEY No. | Part no.                         | qty | Part description      | Applied Date |
|---------|----------------------------------|-----|-----------------------|--------------|
| 2       | 1-15619-489-0                    | 1   | BRACKET; HSG & TIMER  |              |
| 8       | 9-09164-510-0                    | 4   | WASHER; PL<br>ID=10   |              |
| 9       | 1-09985-185-0<br><9-09150-610-0> | 4   | WASHER; LK<br>ID=10.2 |              |
| 10      | 5-15639-002-0                    | 4   | NUT; HSG BRKT         |              |

## 0-87 COUPLING; INJECTION PUMP



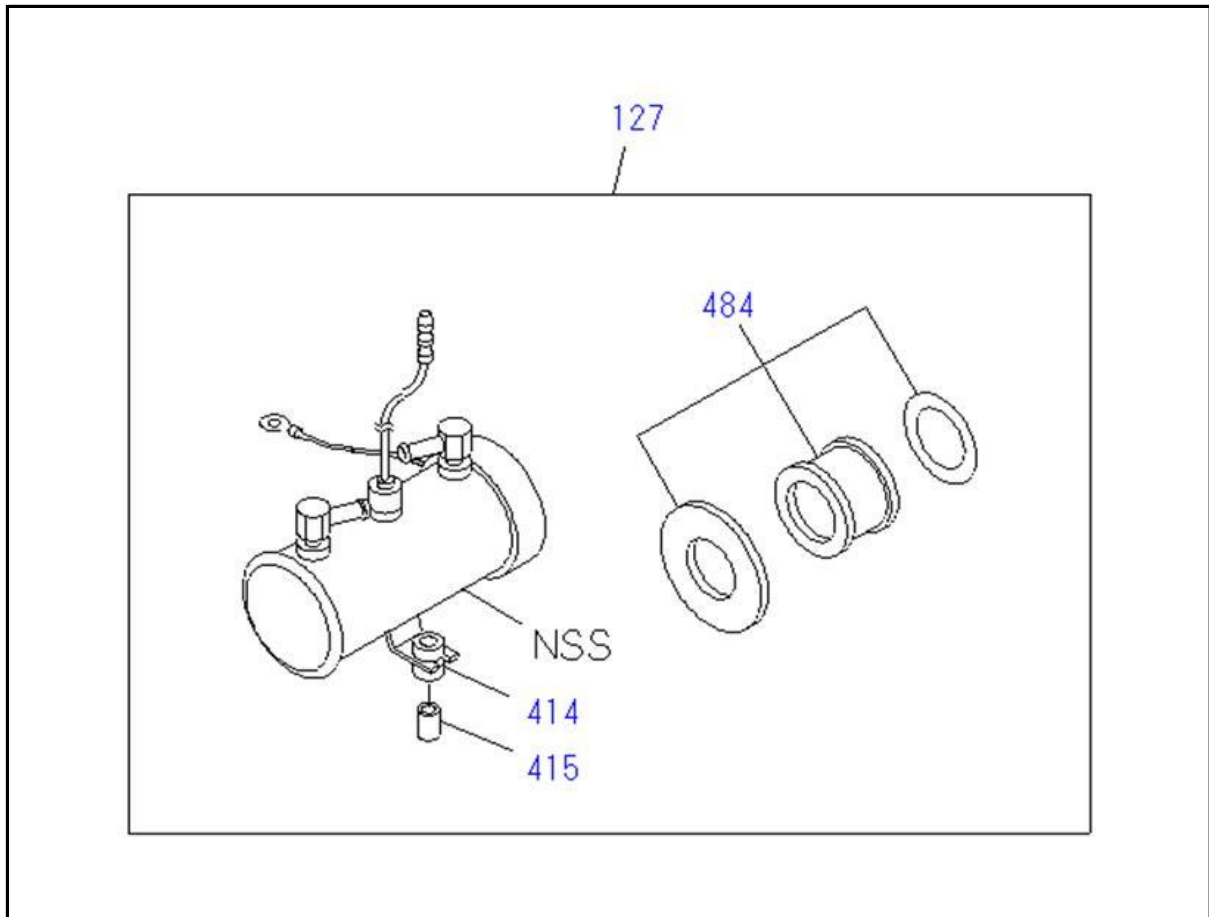
| KEY No. | Part no.                         | qty | Part description          | Applied Date |
|---------|----------------------------------|-----|---------------------------|--------------|
| 1 (I)   | 8-97117-776-0                    | 1   | COUPLING; INJ PUMP DRIVE  |              |
| 3 (A)   | 1-15749-144-0                    | 1   | NUT; COUPLING FIX         |              |
| 5       | 1-15749-145-0                    | 1   | WASHER; COUPLING FIX      |              |
| 27      | 1-12524-153-0                    | 1   | GEAR; COUPLING<br>Z=50    |              |
| 30      | 8-94457-517-0                    | 6   | BOLT; GEAR TO COUPLING    |              |
| 41      | 1-15789-216-0                    | 1   | POINTER; COUPLING         |              |
| 42      | 0-50540-612-0<br><9-01910-612-0> | 2   | BOLT; POINTER TO COUPLING |              |

## 1-30 AIR CLEANER



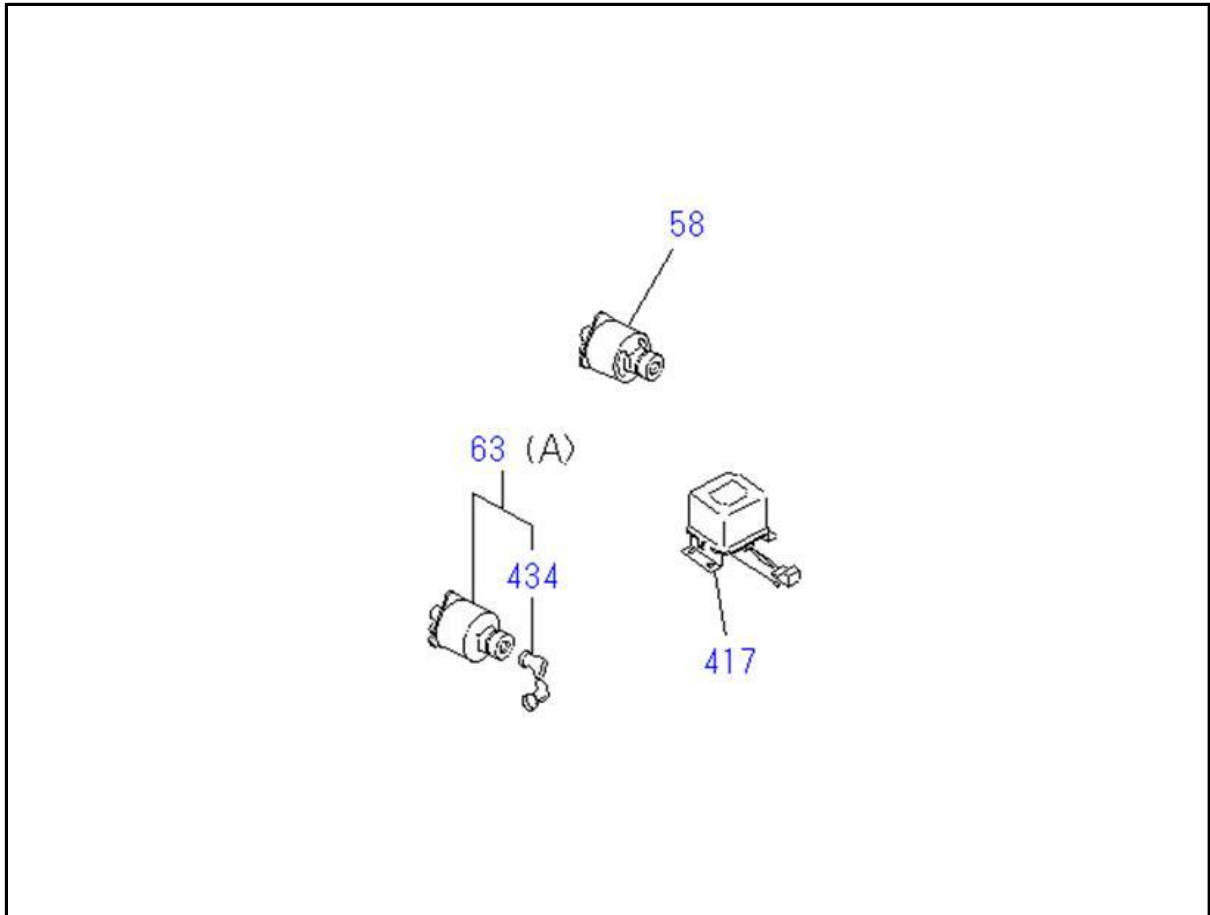
| KEY No. | Part no.                         | qty | Part description      | Applied Date |
|---------|----------------------------------|-----|-----------------------|--------------|
| 1 (B)   | 9-14220-689-0                    | 1   | CLEANER ASM; AIR      |              |
| 3 (B)   | 9-14219-178-0                    | 1   | WASHER; SEAL          |              |
| 4       | 9-14219-136-0                    | 1   | GASKET; COVER TO BODY |              |
| 6 (B)   | 9-14215-132-1                    | 1   | FILTER; ACL           |              |
| 28 (B)  | 9-14217-058-0                    | 1   | BOLT; WING            |              |
| 33      | 9-14219-135-0                    | 1   | BAFFLE; ACL           |              |
| 54      | 9-14234-231-0                    | 2   | BRACKET; ACL          |              |
| 89 (C)  | 1-14219-147-0<br><1-14219-141-0> | 1   | INDICATOR; ACL        |              |
| 90 (A)  | 9-14212-138-0<br><9-14212-167-0> | 1   | CUP; ACL              |              |
| 91      | 9-14217-059-0                    | 1   | CLAMP                 |              |

## 1-40 FUEL TANK



| KEY No. | Part no.                         | qty | Part description      | Applied Date |
|---------|----------------------------------|-----|-----------------------|--------------|
| 127     | 8-97041-521-2                    | 1   | PUMP ASM; FUEL        |              |
| 414     | 8-97047-266-0                    | 2   | GROMMET; PUMP MTG     |              |
| 415     | 8-97047-265-0                    | 2   | COLLAR; GROMMET       |              |
| 484     | 8-94437-022-0<br><8-94337-022-0> | 1   | REPAIR KIT; FUEL PUMP |              |

## 8-25 SWITCH AND RELAY; INSTRUMENT PANEL



| KEY No. | Part no.                         | qty | Part description    | Applied Date |
|---------|----------------------------------|-----|---------------------|--------------|
| 58      | 8-94402-500-0<br><1-82313-005-0> | 1   | SWITCH; IGNITION    |              |
| 63 (A)  | 8-94402-500-0                    | 1   | SWITCH ASM; STARTER |              |
| 417     | 1-82550-192-1                    | 1   | RELAY; EMERGENCY    |              |
| 434     | 8-94402-498-0                    | 1   | KEY; STARTER SW     |              |