

How to read this Parts Catalog.

1. Parts mentioned in this Parts Catalog may not necessarily be standard equipping parts.
2. Parts change may be made without prior notice.
3. Form of this Parts Catalog.

Fig. 29 燃料噴射ポンプ(ブーコン用) FUEL INJECTION PUMP (W/BOOST)

| | | | | | | | |
|--|--|--|--|-------------|--|-------------|--|
| | | | | A= 4JH-DT | | D= 4JH-DTZA | |
| | | | | B= 4JH-DTZ | | E= 4JH-DTZY | |
| | | | | C= 4JH-DTZP | | F= | |

| 見出 REF.No. | 部品番号 PARTS No. | 部 品 名 | DESCRIPTION | 個 数 (Qty) | | | | | | I | R |
|---------------|-------------------|------------------|---------------------|-----------|---|---|---|---|---|---|---|
| | | | | A | B | C | D | E | F | | |
| 1 | 729595-51390 | FOポンプ ASY(ブーコン用) | FULE INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 1-1 | 729595-51391 | FOポンプ ASY(ブーコン用) | FULE INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 3 | 26022-060162 | ナベコネジ M 6X 16 | SCREW M 6X 16 | 9 | 9 | 9 | 9 | 9 | 9 | | |
| I 3-1 | 26022-060162 | ナベコネジ M 6X 16 | SCREW M 6X 16 | 4 | 4 | 4 | 4 | 4 | 4 | | K |
| 4 | 129470-51040 | カムシャフト | CAMSHAFT | 1 | 1 | 1 | 1 | 1 | 1 | | |
| 5 | 122710-51050 | ベアリングローラ | BEARING, ROLLER | 2 | 2 | 2 | 2 | 2 | 2 | | |
| 6 | 129470-51060 | ベアリングホルダ | RETAINER | 1 | 1 | 1 | 1 | 1 | 1 | | |

備考
(1) ブーストコンペンセータ付き、4JH-DT、4JH-DTZとも E/# 00155 までは、特別注文仕様とします

Remarks
(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E/# 00155. (4JH - DT, 4JH - DTZ)

① Ref. No.

The Ref. No. in the list may not be accord with the Ref. No. on illustration.

(Ex.) Illustration No. List head No.

1 1 (Befor change) → 1 - 1 (After change)

When interchangeable symbol N, R, and K, illustrations for new parts are sometimes omitted.

③ Change Mark

Change Mark "I" is given to the part for which a design change was made at this time.

The design change was not shown in the last published Parts Catalog.

④ Interchangeability Mark

In the case where a part change took place, one of the following interchangeability marks is indicated for that part.

| Symbol | interchangeability | Contents note |
|--------|--------------------|--|
| N | Old ↔ New | New Part is interchangeable for Old Part but not interchangeable conversely. |
| Q | Old ↔ New | New Part is not interchangeable for Old Part but interchangeable conversely. |
| R | Old ↔ New | New Part is interchangeable for Old Part and vice versa. |
| S | Old ↔ New | New Part is not interchangeable for Old Part and vice versa. |
| W | | Part newly added. |
| Z | | Part discontinued. |
| F | | Not interchangeable single part but interchangeable by set of the related parts. |
| K | | Changed only in quantity used. |

⑤ Effective Machine No.

When a part is changed, Effective Machine No. of a Model for which the part is applicable is indication in each column of (A)- (F).

| Product Symbol | Product No. | Product Symbol | Product No. |
|----------------|---------------------------|----------------|-------------|
| C | Clutch No. Compressor No. | M | Machine No. |
| D | Drive No. | T | Tractor No. |
| E | Engine No. | Note1) ※ | Date |

Note1) Date may follow the symbol in some cases. (Ex.) ※ 1996.01

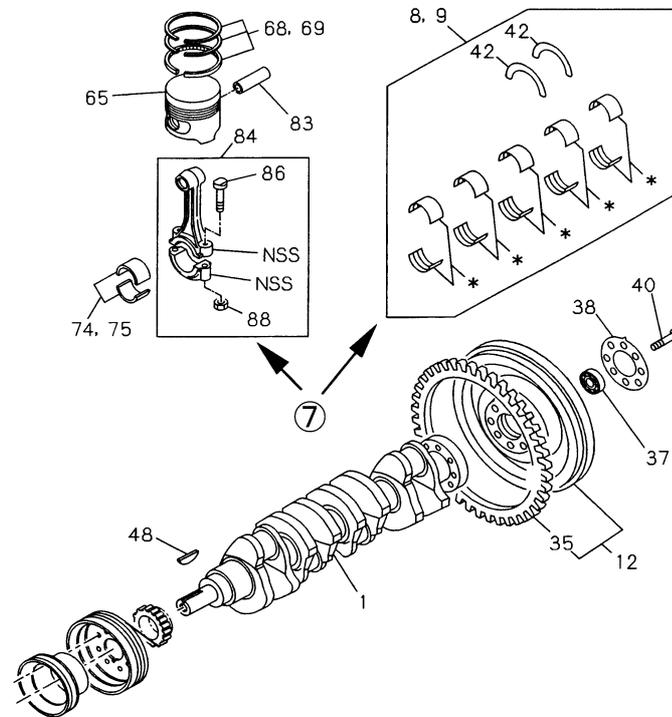
Note2) As far as engine models shown by "XXX" are concerned, the modification of the parts could not be predicted or the engine models themselves could not be identified.

Note3) (A=E/#00185) means that the design change on the part has been effective for the model at the column (A) (in this case, for 4JH- DT) on and from E/# (Engine Serial Number) 00185.

⑥ Remarks Mark

Figures or alphabets (Symbols) are entered in the remark column.

The comments (remarks) on the pertinent parts are indicated in the lower part of the list by the same symbols as those stated above.



⑦ 親・子の表示

部品の親（アセンブリ）と子（その構成部品）の関係を表現するもので、イラスト上でのみ表現されます。
 (例1) KEY NO. 84は85、86、及びKEY NO. なし（コンロット、キャップは単品非補給）を含むことを示しています。
 (例2) KEY NO. 7は72、及びKEY NO. なし（単品非補給、キットの内容品）を含むことを示しています。

⑦ ASSEMBLIES, KITS, SETS AND THEIR COMPONENTS

Assemblies, Kits and/or Sets are shown within a frame/box. Also shown within the frame/box are any components included with the assembly, Kit or Set.

EXAMPLE: Key No. 84 includes Key nos. 85,86 and the connecting Rod and Cap which are notsupplied individually.

EXAMPLE: Key No. 7 includes Key no. 42 and those items identified with no key number.
 Items identified with no key number may only be available in an assembly, Kit or Set.

略語表 / Abbreviation List

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

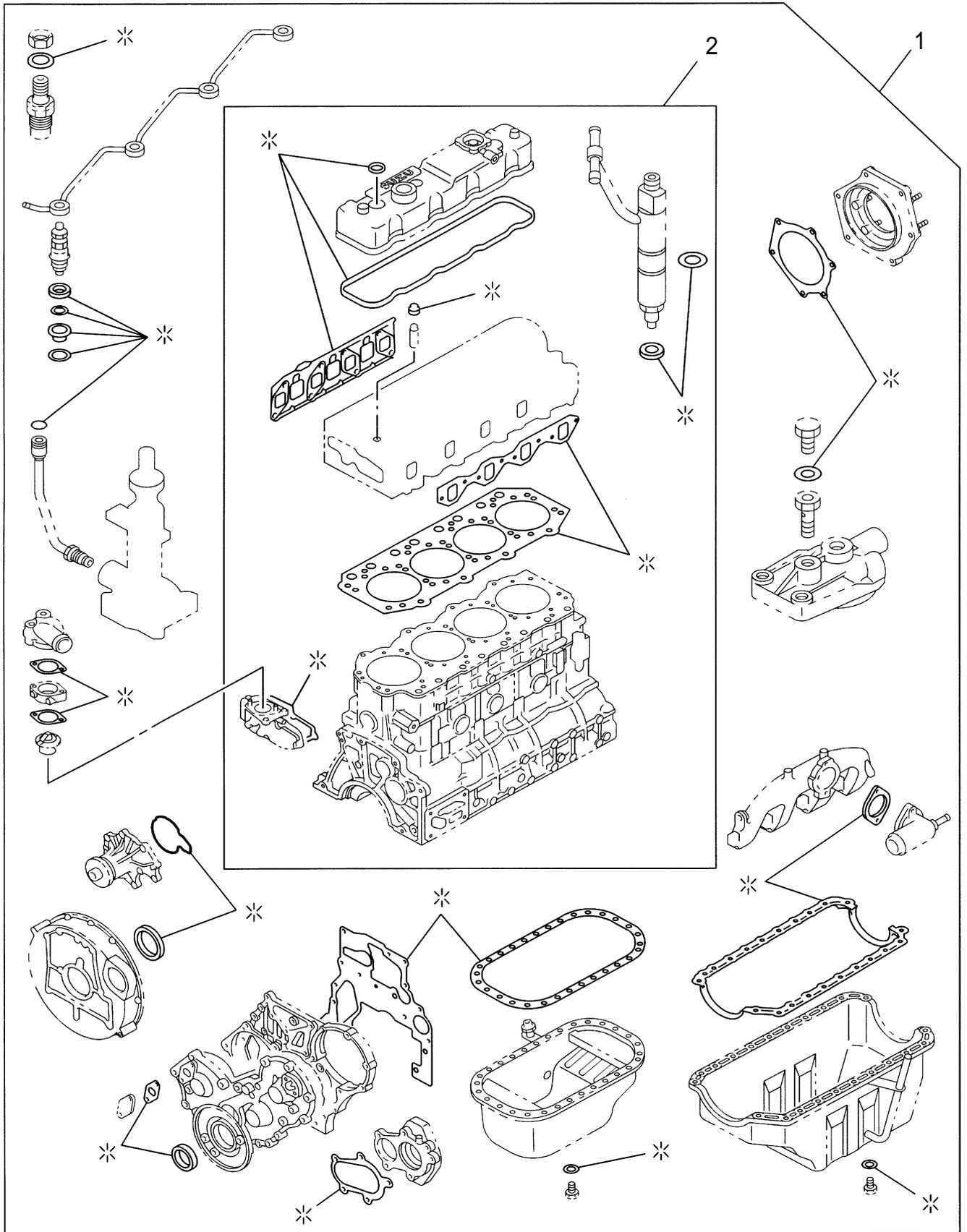
| 略語 ABBREVIATIONS | 語源 DEFINITION | 略語 ABBREVIATIONS | 語源 DEFINITION |
|---------------------|------------------------------------|---------------------|------------------|
| TICS | TIMING INJECTION CONTROL SYSTEM | | |
| TEMP | TEMPERATURE | | |
| TRANS | TRANSMISSION | | |
| UNSI | UNDER SIZE | | |
| 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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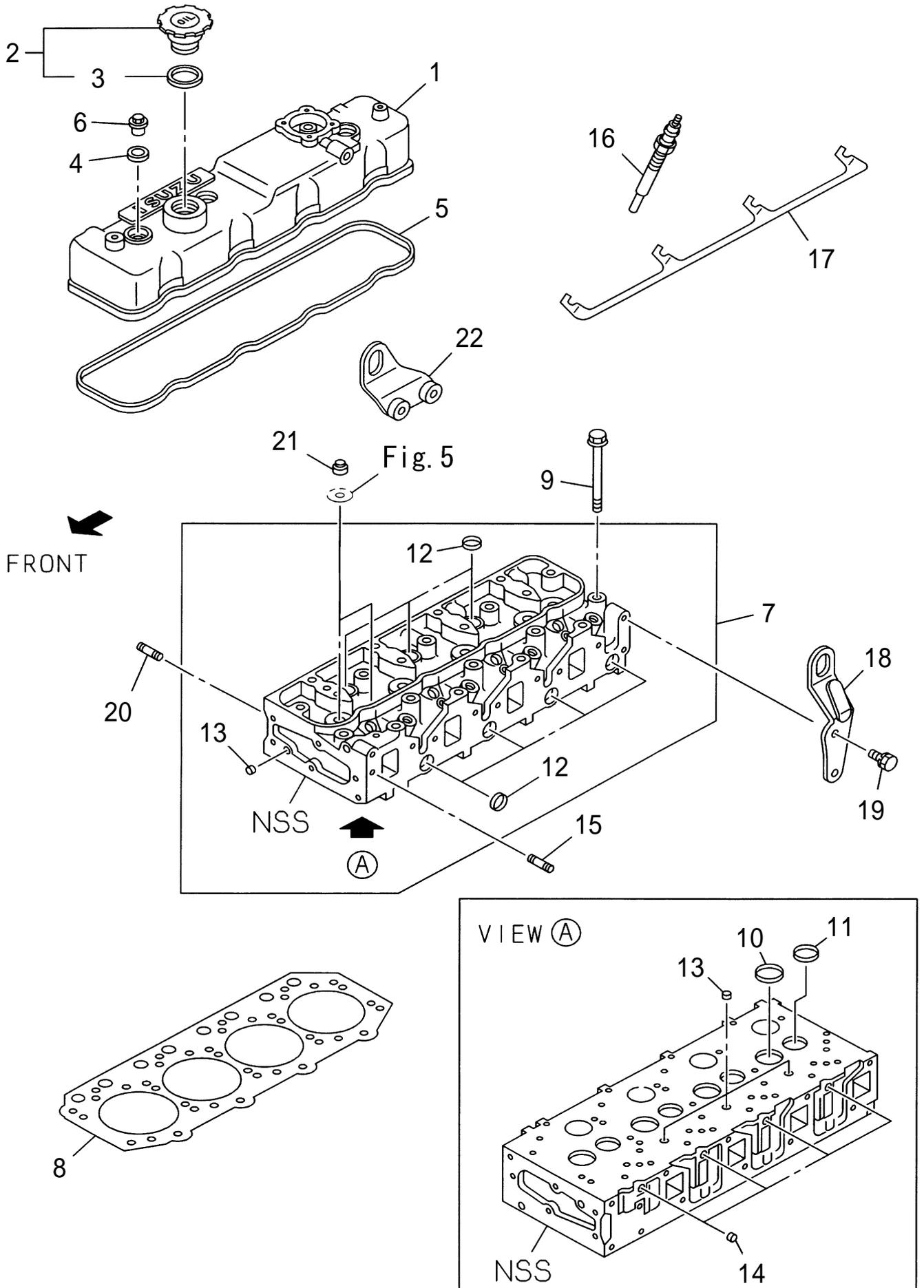
Engine for TL140 4JG1-TPA (ISUZU)
ENGINE GASKET KIT



Engine for TL140 4JG1-TPA (ISUZU)
ENGINE GASKET KIT

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|----------------------------|-----|
| 1 | 587814-2701 | GSKET SET; ENG OVERHAUL | 1 |
| 2 | 587814-0221 | GSKET SET; ENG HD OVERHAUL | 1 |

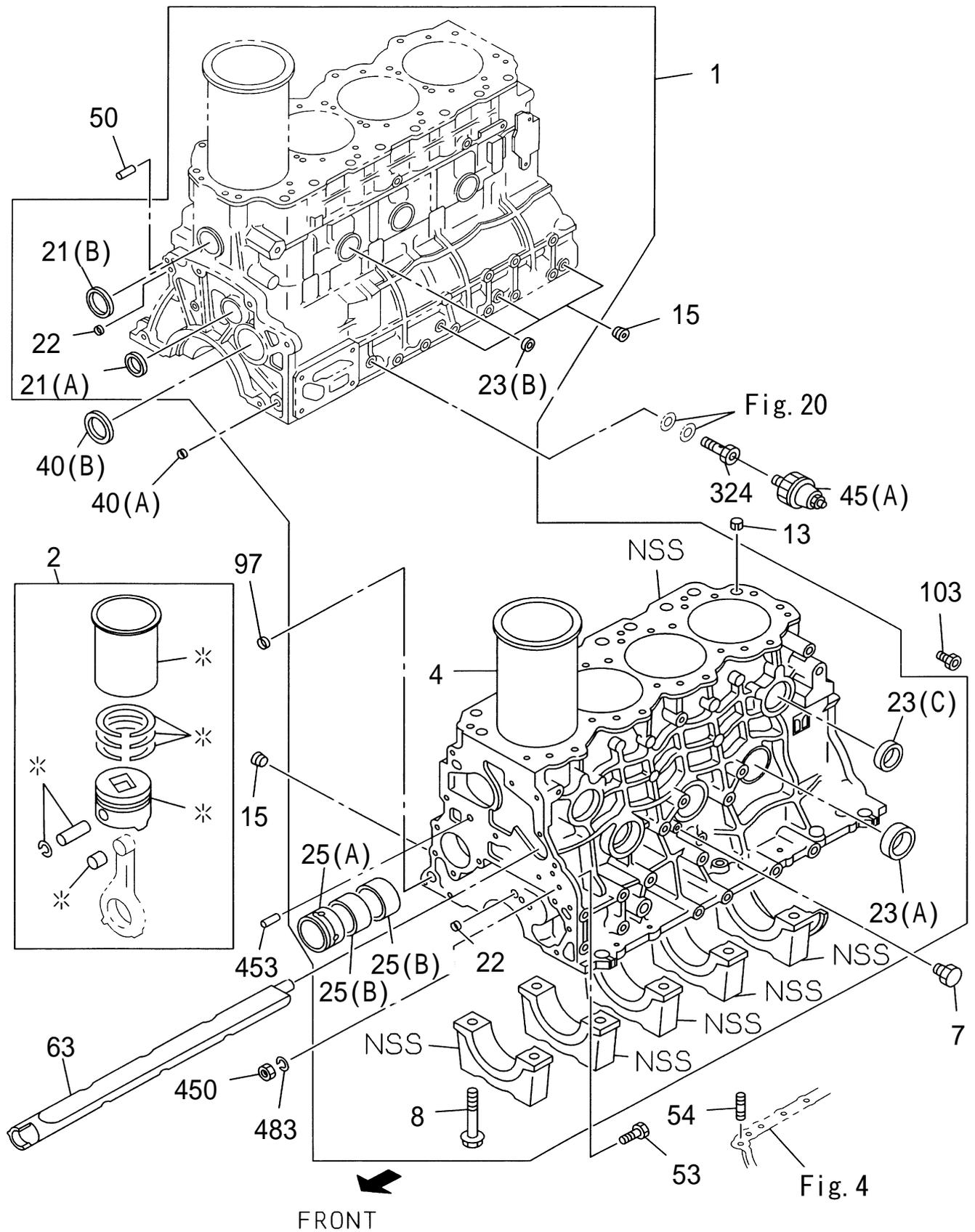
Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER HEAD



Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER HEAD

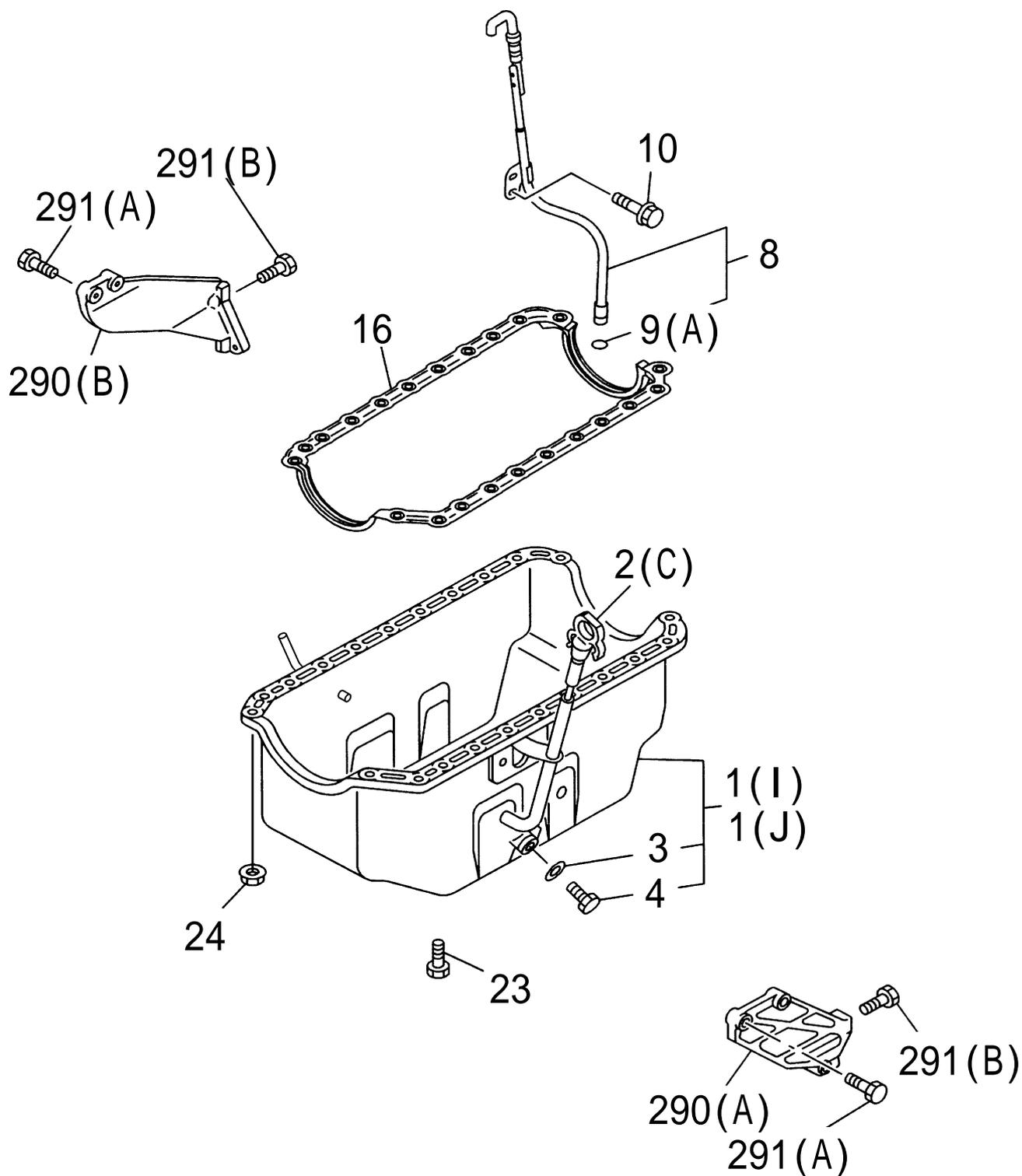
| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|------------------------|-----|
| 1 | 897081-7421 | COVER; CYL HD | 1 |
| 2 | 894133-2075 | CAP; OIL FILLER | 1 |
| 3 | 894123-6231 | GASKET; OIL FILLER | 1 |
| 4 | 894202-4563 | GASKET; HD COVER | 3 |
| 5 | 897161-1310 | GASKET; HD TO COVER | 1 |
| 6 | 894173-4300 | NUT; CAP, HD COVER | 3 |
| 7 | 897120-1783 | HEAD ASM; CYL | 1 |
| 8 | 897066-1980 | GASKET; CYL HD | 1 |
| 9 | 897133-4161 | BOLT; CYL HD TO BLOCK | 18 |
| 10 | 897231-2280 | SEAT; VLV INSERT | 4 |
| 11 | 897231-2290 | SEAT; VLV INSERT | 4 |
| 12 | 897209-6090 | CUP; SEALING, CYL HEAD | 7 |
| 13 | 511129-0060 | CUP; SEALING, CYL HEAD | 3 |
| 14 | 509600-0130 | CUP; SEALING, CYL HEAD | 5 |
| 15 | 904110-8250 | STUD; INL MANIF | 2 |
| 16 | 897073-6411 | PLUG; GLOW | 4 |
| 17 | 894153-7232 | CONNECTOR; GLOW PLUG | 1 |
| 18 | 897107-7390 | HANGER; ENG, RR | 1 |
| 19 | 028680-8200 | BOLT; HANGER | 2 |
| 20 | 897048-0551 | STUD; EXH MANIF | 2 |
| 21 | 897120-3070 | SEAL; OIL VLV STEM | 8 |
| 22 | 894440-4290 | HANGER; ENG, FRT | 1 |

Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER BLOCK



Engine for TL140 4JG1-TPA (ISUZU)
CYLINDER BLOCK

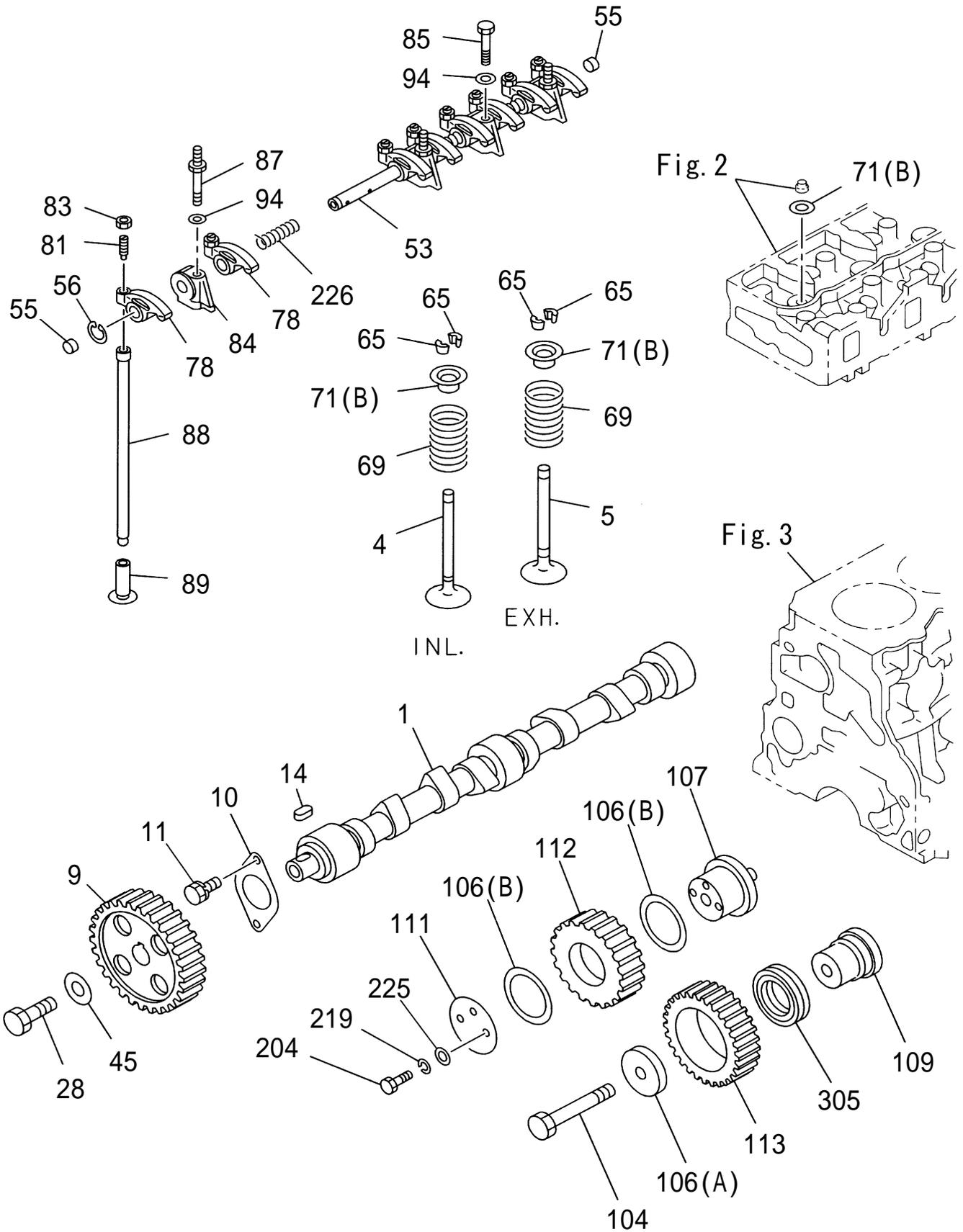
| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|-------------------------------------|-----|
| 1 | 897352-7440 | BLOCK ASM; CYL | 1 |
| 2 | 587813-8370 | LINER SET; ENG CYL (GRADE=1) | 4 |
| | 587813-8380 | LINER SET; ENG CYL (GRADE=2) | 4 |
| | 587813-8390 | LINER SET; ENG CYL (GRADE=3) | 4 |
| | 587813-8400 | LINER SET; ENG CYL (GRADE=4) | 4 |
| 4 | 897176-6990 | LINER; C/BL (OD GRD=1, ID GRD=AX) | 4 |
| | 897176-7000 | LINER; C/BL (OD GRD=1, ID GRD=CX) | 4 |
| | 897176-7010 | LINER; C/BL (OD GRD=2, ID GRD=AX) | 4 |
| | 897176-7020 | LINER; C/BL (OD GRD=2, ID GRD=CX) | 4 |
| | 897176-7030 | LINER; C/BL (OD GRD=3, ID GRD=AX) | 4 |
| | 897176-7040 | LINER; C/BL (OD GRD=3, ID GRD=CX) | 4 |
| | 897176-7050 | LINER; C/BL (OD GRD=4, ID GRD=AX) | 4 |
| | 897176-7060 | LINER; C/BL (OD GRD=4, ID GRD=CX) | 4 |
| 7 | 909664-0010 | PLUG; WATER DRAIN | 1 |
| 8 | 894432-6420 | BOLT; BRG CAP | 10 |
| 13 | 894453-3440 | DOWEL; C/BL TO HD | 2 |
| 15 | 109605-0500 | PLUG; OIL GALLERY | 3 |
| 21(A) | 511219-0170 | CUP; SEALING, RR (OD=38) | 1 |
| 21(B) | 511219-0180 | CUP; SEALING, RR (OD=36) | 1 |
| 22 | 509600-0130 | CUP; SEALING, DUCT HOLE | 1 |
| 23(A) | 109600-0051 | CUP; SEALING, C/BL FRT & RR (OD=45) | 3 |
| 23(B) | 511219-0080 | CUP; SEALING, C/BL FRT & RR (OD=18) | 3 |
| 23(C) | 511219-0150 | CUP; SEALING, C/BL FRT & RR (OD=32) | 2 |
| 23(D) | 511219-0180 | CUP; SEALING, C/BL FRT & RR (OD=36) | 3 |
| 25(A) | 894427-2062 | METAL; CM/SHF (FRONT) | 1 |
| 25(B) | 894427-2012 | METAL; CM/SHF (CENTER) | 2 |
| 40(A) | 511129-0060 | CUP; SEALING, C/BL RR (OD=16) | 3 |
| 40(B) | 894250-5140 | CUP; SEALING, C/BL RR (OD=56) | 1 |
| 45(A) | 182410-0082 | SWITCH; OIL PRESSURE | 1 |
| 50 | 908161-0320 | PIN; STRAIGHT, RR PLATE | 1 |
| 53 | 909606-5350 | BOLT; REAMER | 1 |
| 54 | 894133-9742 | STUD; OIL PAN TO BLOCK | 9 |
| 63 | 894456-7942 | DUCT; WATER, C/BL | 1 |
| 97 | 511129-0030 | CUP; SEALING | 1 |
| 103 | 894130-0211 | NIPPLE; OIL FEED | 1 |
| 324 | 897238-9910 | ADAPTER; OIL PRESSURE SW | 1 |
| 450 | 909111-5100 | NUT; REAMER BOLT | 1 |
| 453 | 908151-0500 | PIN | 2 |
| 483 | 909150-5100 | WASHER; LK, REAMER BOLT | 1 |



Engine for TL140 4JG1-TPA (ISUZU)
OIL PAN & LEVEL GAUGE

| Item ID | Parts Number | 部品種類 | Qty |
|---------|-----------------------------|-------------------------------------|-----|
| 1(I) | 897253-9900 | PAN ASM; OIL | 1 |
| 1(J) | 898020-5360 (E/#284165-) | PAN ASM; OIL | 1 |
| 2(C) | 897239-8071 | GAUGE; OIL LEVEL | 1 |
| 3 | 109623-0570 | GASKET; DRAIN PLUG | 1 |
| 4 | 909662-0120 | PLUG; DRAIN, OIL | 1 |
| 8 | 897352-8860 | TUBE; GUIDE, OIL LEVEL GAUGE | 1 |
| 9(A) | 509623-0020 | GASKET; GUIDE TUBE, OIL LEVEL GAUGE | 2 |
| 10 | 028080-8120 | BOLT; GUIDE TUBE | 1 |
| 16 | 897080-1940 | GASKET; OIL PAN TO C/BL | 1 |
| 23 | 894133-9732 | BOLT; OIL PAN | 9 |
| 24 | 509440-0100 | NUT; OIL PAN | 13 |
| 290(A) | 897230-0700 | STIFFNER; OIL PAN | 1 |
| 291(A) | 028681-0400 | BOLT; STIFFNER, OIL PAN | 4 |
| 291(B) | 028681-2300 | BOLT; STIFFNER, OIL PAN | 2 |

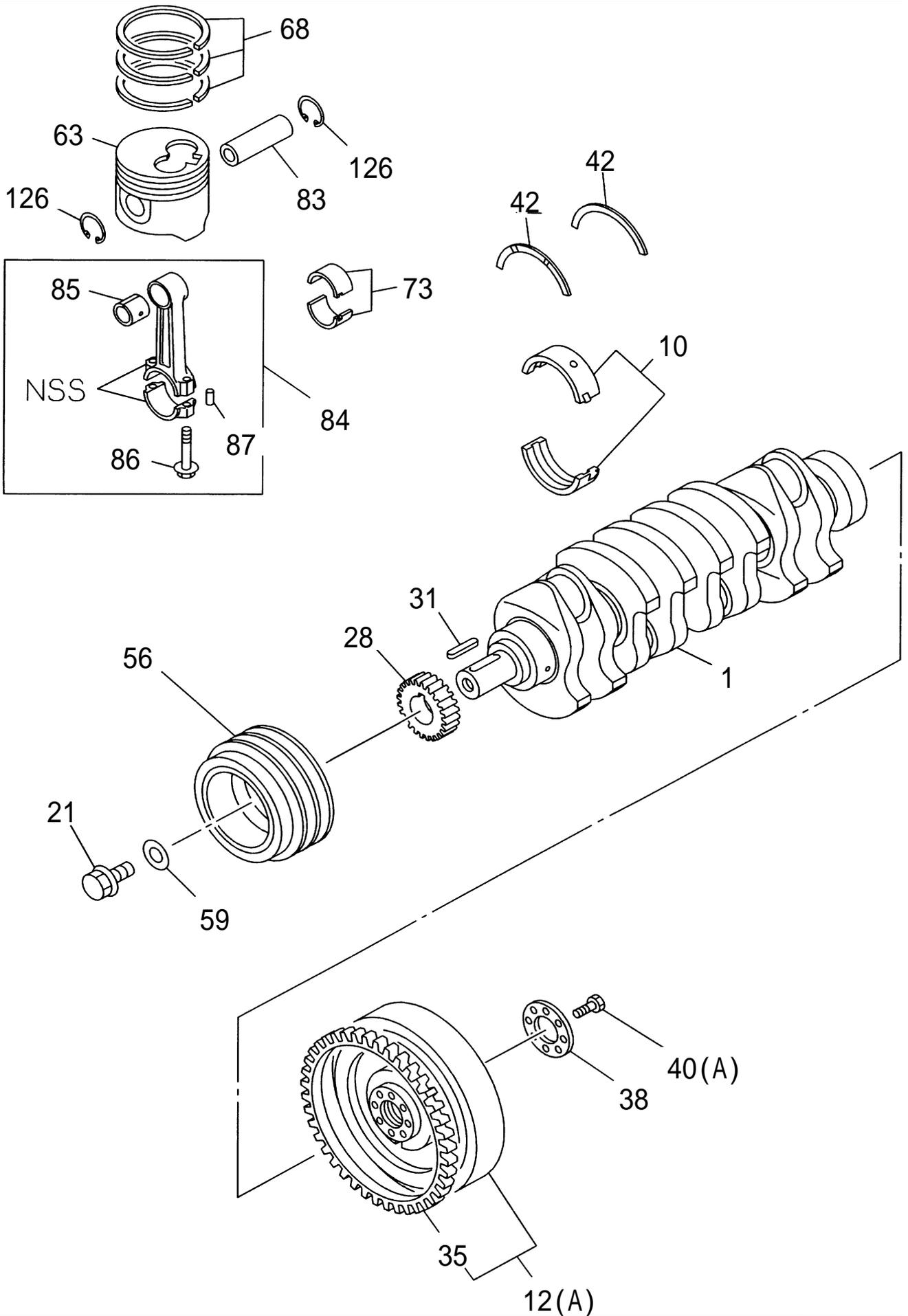
Engine for TL140 4JG1-TPA (ISUZU)
CAMSHAFT & VALVE



Engine for TL140 4JG1-TPA (ISUZU)
CAMSHAFT & VALVE

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|---------------------------------------|-----|
| 1 | 897287-6570 | CAMSHAFT | 1 |
| 4 | 894133-2751 | VALVE; INL | 4 |
| 5 | 897065-9700 | VALVE; EXH | 4 |
| 9 | 894328-4480 | GEAR; CM/SHF | 1 |
| 10 | 894110-4801 | PLATE; THRUST | 1 |
| 11 | 050040-8160 | BOLT; THRUST PLATE TO C/BL | 2 |
| 14 | 908000-7180 | KEY; CM/SHF | 1 |
| 28 | 509000-0690 | BOLT; CAM PULLEY | 1 |
| 45 | 512519-0021 | WASHER; GEAR CAM | 1 |
| 53 | 894152-3460 | SHAFT; ROCKER ARM | 1 |
| 55 | 912626-0050 | PLUG; ROCKER SHAFT END | 2 |
| 56 | 909180-0190 | RING; SNAP, ROCKER ARM | 2 |
| 65 | 512565-0040 | COLLAR; SPLIT | 16 |
| 69 | 894252-5361 | SPRING; VLV, OUTER | 8 |
| 71(A) | 512563-0010 | SEAT; SPR | 8 |
| 71(B) | 894133-7312 | SEAT; SPR | 8 |
| 78 | 894152-3440 | ARM; ROCKER | 8 |
| 81 | 894152-2831 | SCREW; ADJ, ROCKER ARM | 8 |
| 83 | 909111-5080 | NUT; ADJ SCREW, LK | 8 |
| 84 | 894152-3451 | BRACKET; ROCKER SHAFT, INTER | 4 |
| 85 | 894433-3020 | BOLT; BRKT | 1 |
| 87 | 894433-3040 | BOLT; ROCKER SHAFT | 3 |
| 88 | 897071-6730 | ROD; PUSH | 8 |
| 89 | 894438-3051 | TAPPET; VLV | 8 |
| 94 | 909164-0100 | WASHER; PL, BRKT | 4 |
| 104 | 028081-2800 | BOLT; SHAFT IDLE | 1 |
| 106(A) | 897101-5021 | WASHER; IDLE GEAR SHAFT | 1 |
| 106(B) | 897258-7660 | WASHER; IDLE GEAR SHAFT | 2 |
| 107 | 897253-0940 | SHAFT; IDLE GEAR | 1 |
| 109 | 897247-2902 | SHAFT; IDLE GEAR | 1 |
| 111 | 894171-2890 | COLLAR; THRUST, IDLE GEAR | 1 |
| 112 | 897115-1311 | GEAR; IDLE | 1 |
| 113 | 897020-5701 | GEAR; IDLE | 1 |
| 204 | 901065-8650 | BOLT; IDLE GEAR SHAFT | 2 |
| 219 | 909150-8080 | WASHER; LK, SHAFT | 2 |
| 225 | 909164-6080 | WASHER; PL, THRUST COLLAR & IDLE GEAR | 2 |
| 226 | 894433-3030 | SPRING; CMPR, ROCKER ARM | 3 |
| 305 | 897252-2890 | BEARING; IDLE GEAR | 1 |

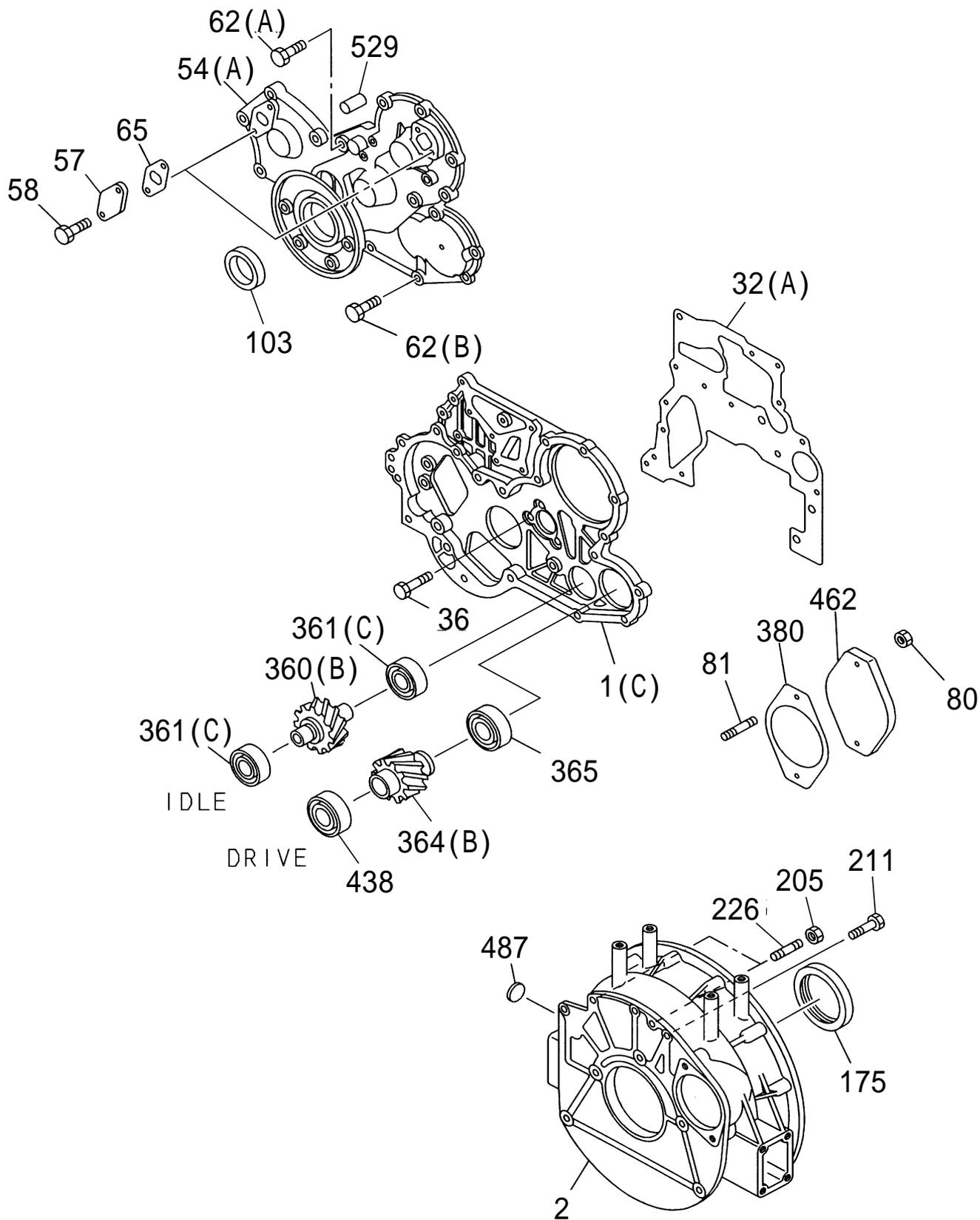
Engine for TL140 4JG1-TPA (ISUZU)
 CRANKSHAFT, PISTON & FLYWHEEL



Engine for TL140 4JG1-TPA (ISUZU)
 CRANKSHAFT, PISTON & FLYWHEEL

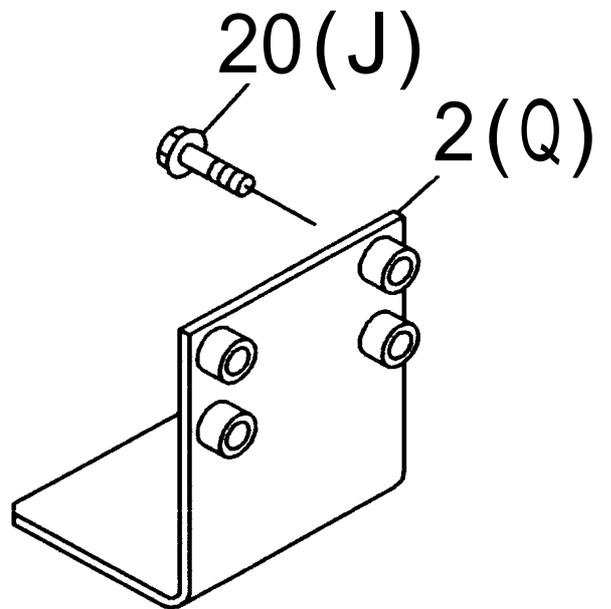
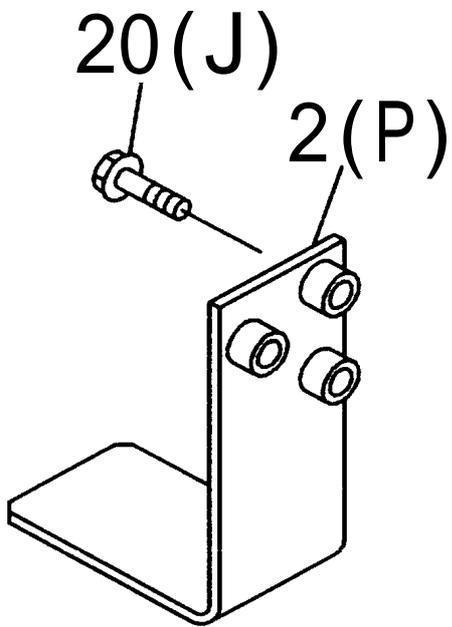
| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|--------------------------------------|-----|
| 1 | 897190-9301 | CRANKSHAFT | 1 |
| 10 | 897202-8780 | METAL SET; CRANKSHAFT, STD (GRADE=1) | 5 |
| | 897202-8800 | METAL SET; CRANKSHAFT, STD (GRADE=3) | 5 |
| | 897202-8820 | METAL SET; CRANKSHAFT, STD (GRADE=5) | 5 |
| 12(A) | 897239-8310 | FLYWHEEL | 1 |
| 21 | 894153-7221 | BOLT; PULLEY FIX | 1 |
| 28 | 894328-4470 | GEAR; CR/SHF | 1 |
| 31 | 894201-6410 | KEY; FEATHER, CR/SHF | 1 |
| 35 | 894419-6021 | GEAR; RING | 1 |
| 38 | 894142-1561 | WASHER; FLYWHEEL | 1 |
| 40(A) | 897065-9841 | BOLT; FLYWHEEL | 8 |
| 42 | 894453-5200 | WASHER; THRUST, CR/SHF | 2 |
| 56 | 897168-0731 | PULLEY; CR/SHF DAMPER | 1 |
| 59 | 509503-1270 | WASHER; CR/SHF PULLEY | 1 |
| 63 | 897245-4140 | PISTON (GRADE=AX) | 4 |
| | 897245-4150 | PISTON (GRADE=CX) | 4 |
| 68 | 897147-9840 | RING SET; PISTON, STD | 4 |
| 73 | 894324-1590 | METAL SET; CONN ROD, STD | 4 |
| 83 | 894457-0081 | PIN; PISTON | 4 |
| 84 | 897289-2631 | ROD ASM; CONN | 4 |
| 85 | 897289-2640 | BUSHING; CONNROD | 4 |
| 86 | 897062-0860 | BOLT; CONNROD | 8 |
| 87 | 908160-5080 | PIN; CONNROD BIG END | 8 |
| 126 | 894460-6870 | RING; SNAP, PISTON PIN | 8 |

Engine for TL140 4JG1-TPA (ISUZU)
 GEAR CASE & FLYWHEEL HOUSING



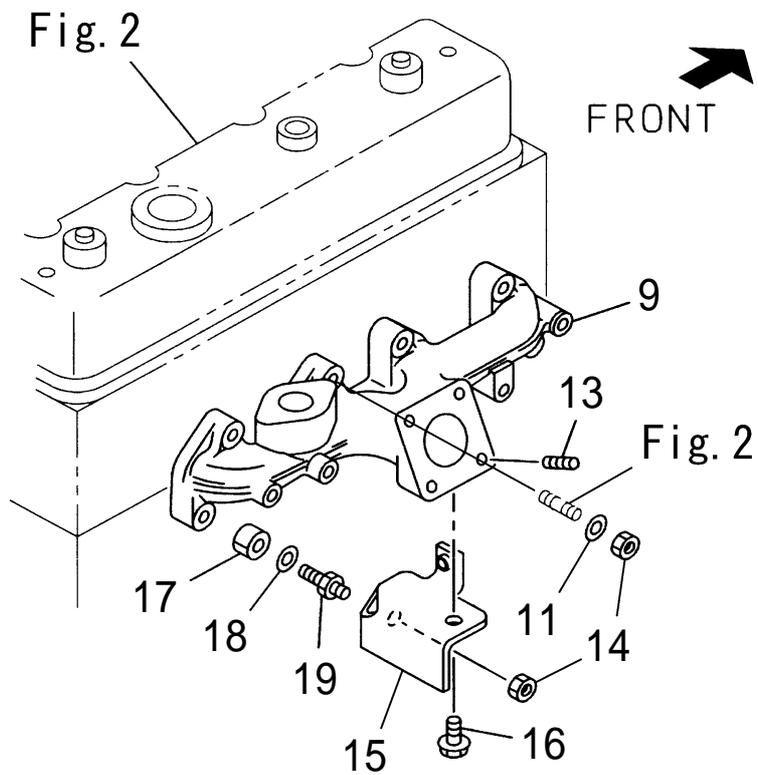
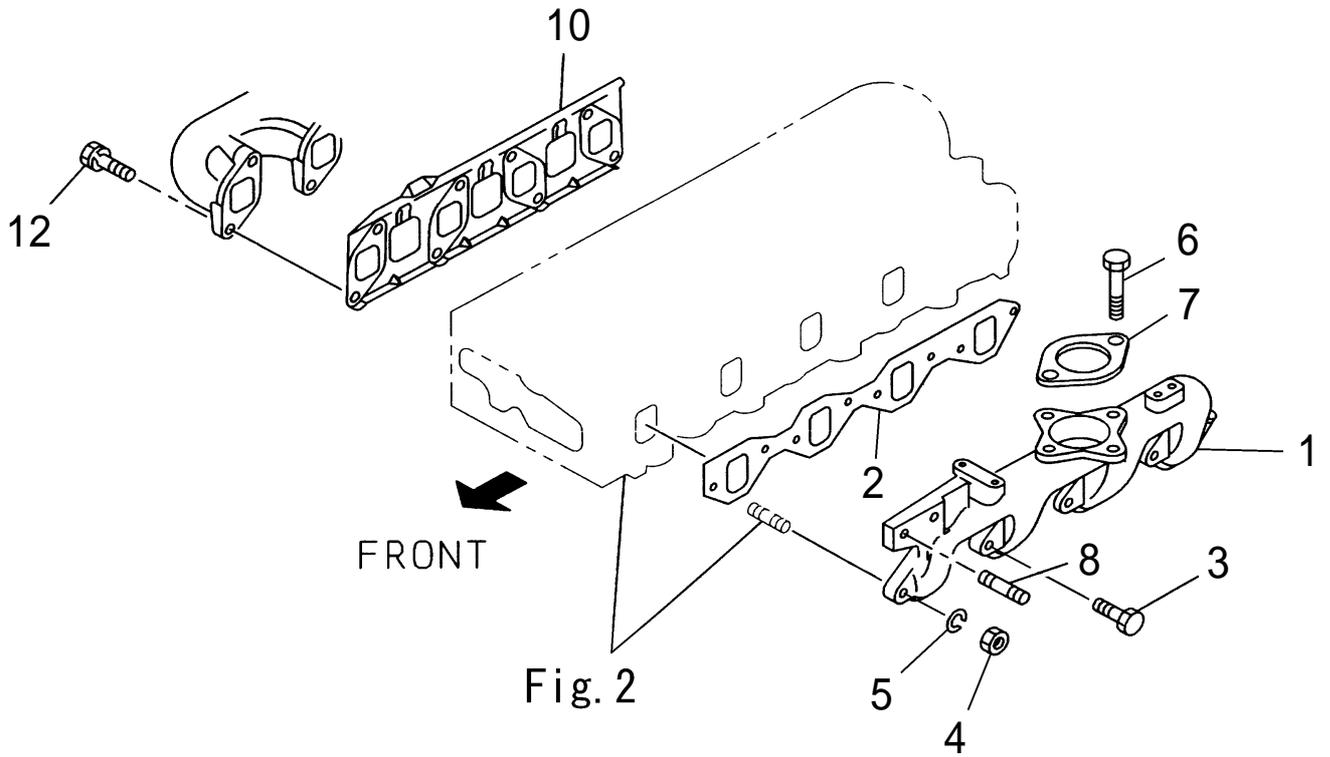
Engine for TL140 4JG1-TPA (ISUZU)
GEAR CASE & FLYWHEEL HOUSING

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|----------------------------------|-----|
| 1(C) | 897225-4723 | CASE; TIMING GEAR | 1 |
| 2 | 897218-1121 | HOUSING; FLYWHEEL | 1 |
| 32(A) | 897117-2420 | GASKET; GEAR CASE TO C/BL | 1 |
| 36 | 050040-8200 | BOLT; GEAR CASE | 7 |
| 54(A) | 897225-4732 | COVER; GEAR CASE | 1 |
| 57 | 511321-0090 | COVER; TIMING CHECK HOLE | 2 |
| 58 | 028080-6120 | BOLT; CHECK HOLE COVER | 4 |
| 62(A) | 028081-2700 | BOLT; COVER | 1 |
| 62(B) | 028080-8400 | BOLT; COVER (M8X40 FLANGE) | 9 |
| | 028080-8600 | BOLT; COVER (M8X60 FLANGE) | 2 |
| | 028080-8700 | BOLT; COVER (M8X70 FLANGE) | 3 |
| 65 | 897027-6011 | GASKET; COVER, TIMING CHECK HOLE | 2 |
| 80 | 909110-4100 | NUT; COVER | 2 |
| 81 | 904411-0250 | STUD; GEAR CASE COVER FIX | 2 |
| 103 | 509625-0790 | SEAL; OIL, CR/SHF, FRT | 1 |
| 175 | 897071-5611 | SEAL; OIL, CR/SHF, RR | 1 |
| 205 | 091150-2100 | NUT; HSG | 2 |
| 211 | 509000-2270 | BOLT; HSG (M12X25) | 3 |
| | 028681-0300 | BOLT; HSG (M10X30 FLANGE) | 1 |
| 226 | 894107-7260 | STUD; HSG | 2 |
| 360(B) | 897302-6870 | GEAR; IDLE, PTO | 1 |
| 361(C) | 897303-5640 | BEARING; IDLE GEAR | 2 |
| 364(B) | 897302-6880 | GEAR; PTO | 1 |
| 365 | 897303-5650 | BEARING; GEAR | 1 |
| 380 | 511322-0180 | GASKET; COVER | 1 |
| 438 | 897303-5650 | BEARING; BALL, PTO FRT | 1 |
| 462 | 511321-0360 | COVER; ADAPTER | 1 |
| 487 | 897220-7400 | COVER; HOLE | 1 |
| 529 | 908161-0160 | PIN; STRAIGHT | 1 |



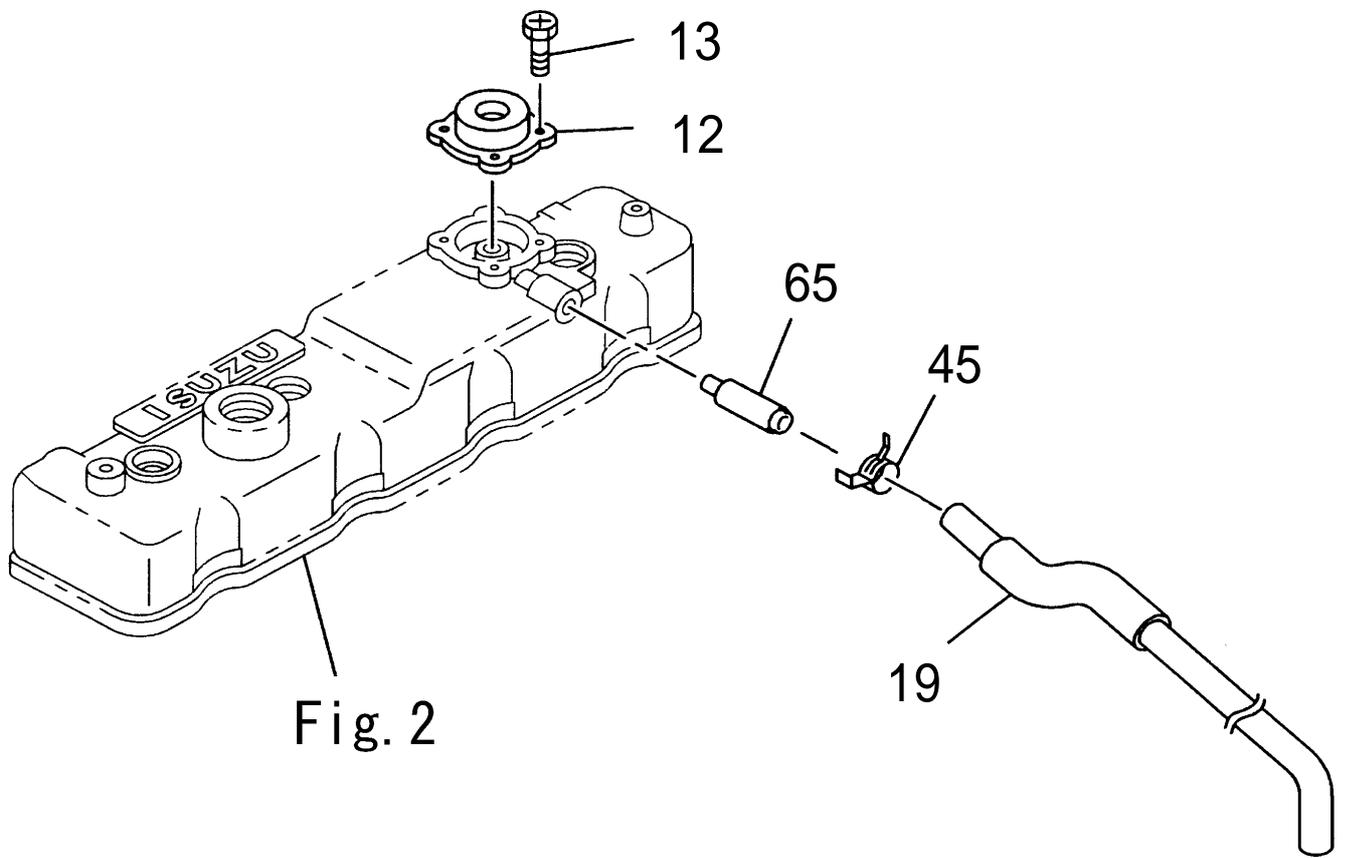
Engine for TL140 4JG1-TPA (ISUZU)
ENGINE MOUNTING

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|----------------|-----|
| 2(P) | 897352-9480 | FOOT; ENG | 1 |
| 2(Q) | 897352-9470 | FOOT; ENG | 1 |
| 20(J) | 028681-0350 | BOLT; ENG FOOT | 8 |



Engine for TL140 4JG1-TPA (ISUZU)
MANIFOLD

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|-----------------------------|-----|
| 1 | 897011-4882 | MANIFOLD; INL | 1 |
| 2 | 897212-5400 | GASKET; INL MANIF TO HD | 1 |
| 3 | 028080-8250 | BOLT; INL MANIF | 6 |
| 4 | 091150-2080 | NUT; INL MANIF | 2 |
| 5 | 909150-5080 | WASHER; LK, INL MANIF | 2 |
| 6 | 028681-0250 | BOLT; INL PIPE TO MANIF | 2 |
| 7 | 897022-5710 | GASKET; INL PIPE | 1 |
| 8 | 909630-0200 | STUD; FUEL FILTER | 2 |
| 9 | 897039-4733 | MANIFOLD; EXHAUST | 1 |
| 10 | 897350-3170 | GASKET; EXH MANIF TO HD | 1 |
| 11 | 897257-9140 | WASHER; PL, EXH MANIF | 2 |
| 12 | 897131-5971 | BOLT; EXH MANIF | 6 |
| 13 | 894257-3190 | STUD; MANIF TO TURBOCHARGER | 4 |
| 14 | 091150-2080 | NUT; EXH MANIF | 2 |
| 15 | 894449-9453 | BRACKET; EXH MANIF | 1 |
| 16 | 894312-6991 | BOLT; BRKT TO EXH MANIF | 1 |
| 17 | 951249-6040 | SPACER; BRKT TO BODY | 1 |
| 18 | 909164-7080 | WASHER; PL, SPACER | 1 |
| 19 | 909630-0341 | STUD; BRKT, EXH MANIFOLD | 1 |



Engine for TL140 4JG1-TPA (ISUZU)
 VENTILATION SYSTEM

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|-------------------------------|-----|
| 12 | 897119-8870 | VENTILATOR; AIR | 1 |
| 13 | 903910-4080 | SCREW; VENTILATOR TO HD COVER | 4 |
| 19 | 897248-1970 | HOSE; RUBBER BREATHER | 1 |
| 45 | 894121-1131 | CLIP; PCV HOSE | 1 |
| 65 | 894250-6151 | PIPE; BREATHER | 1 |

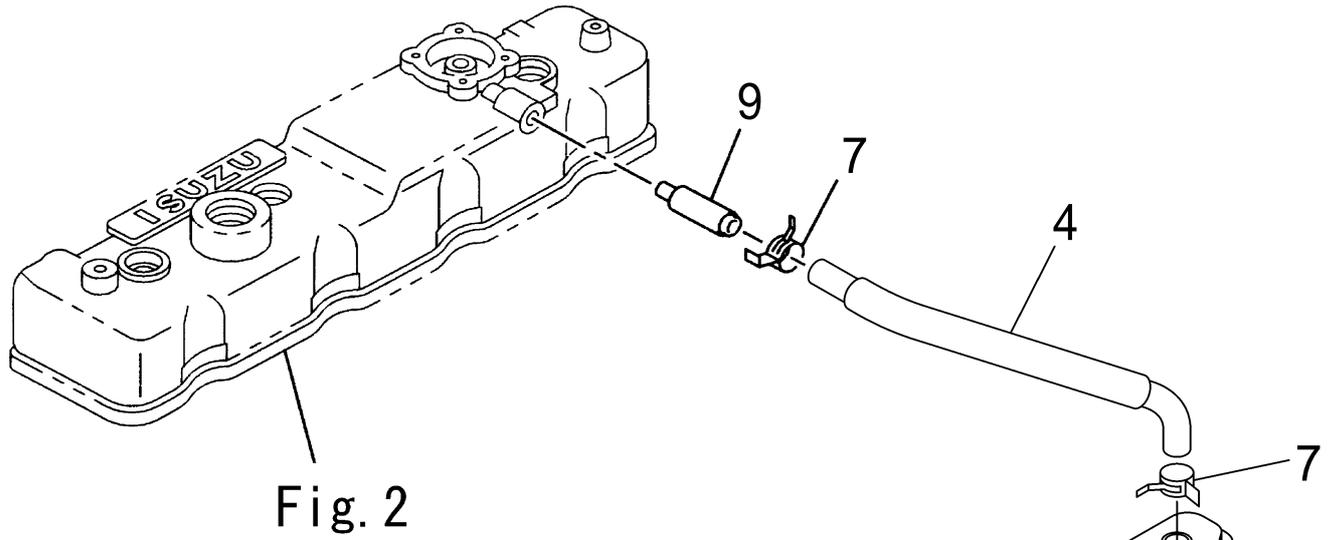


Fig. 2

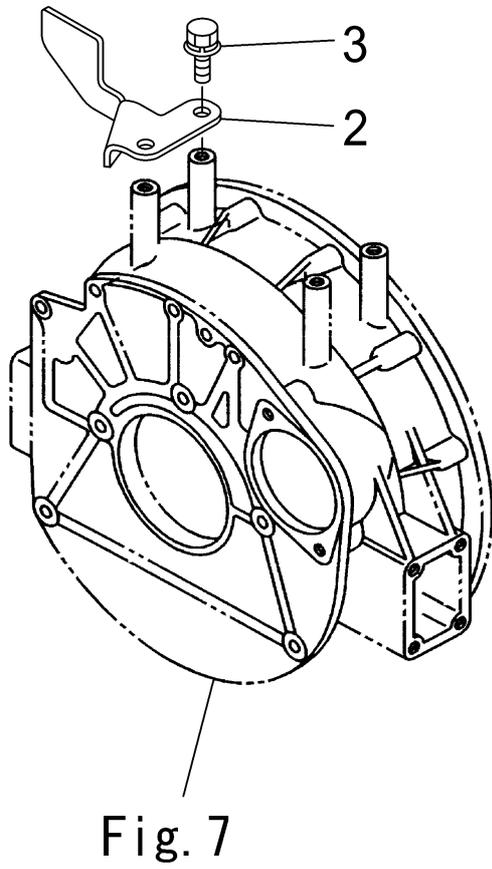


Fig. 7

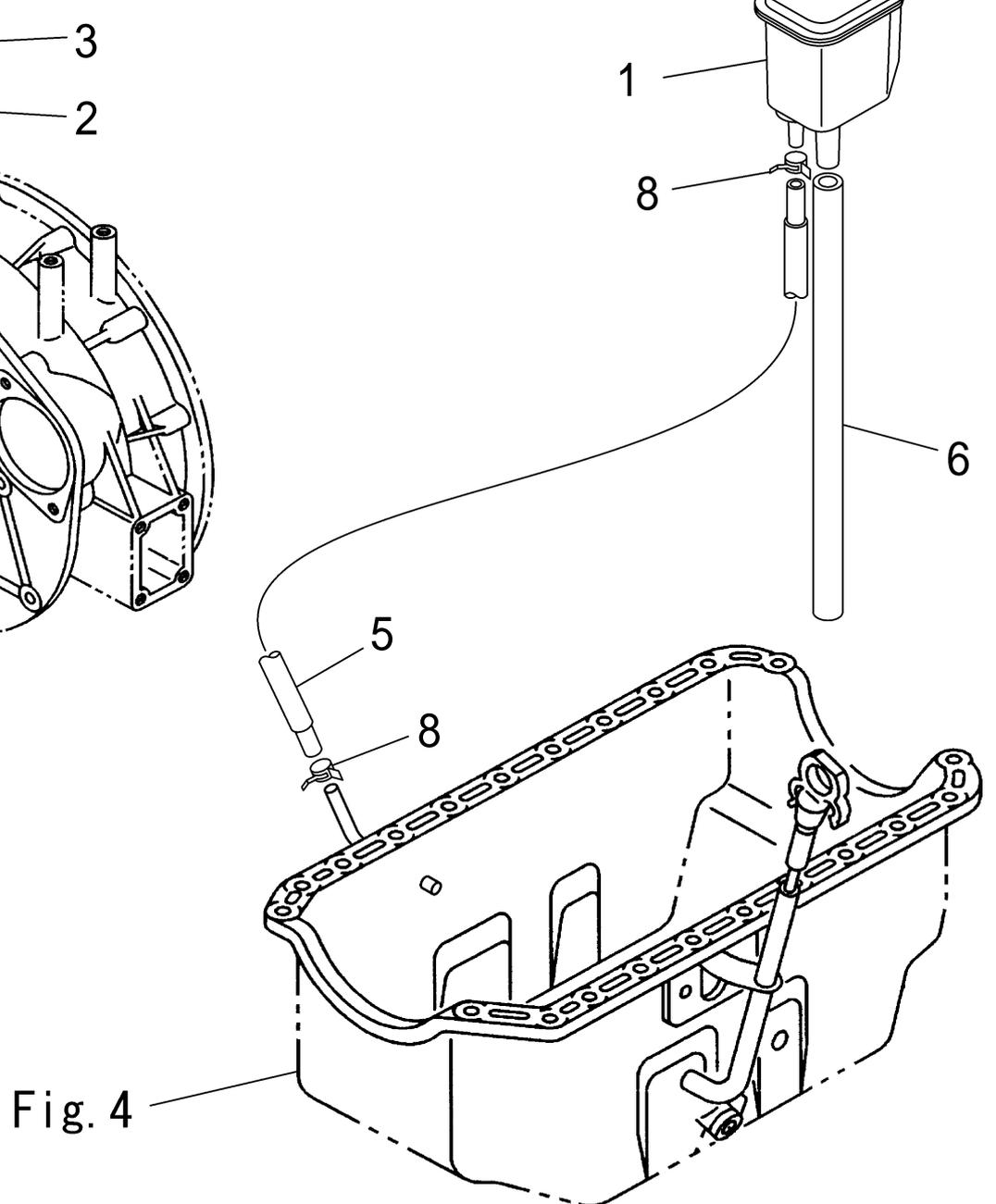


Fig. 4

Engine for TL140 4JG1-TPA (ISUZU)
 VENTILATION SYSTEM (E/#284165~)

| Item ID | Parts Number | 部品種類 | Qty |
|---------|--------------|---------------------------|-----|
| 1 | 897232-2113 | TANK; CATCH, OIL | 1 |
| 2 | 898020-5370 | BRACKET; CATCH TANK | 1 |
| 3 | 028181-0600 | BOLT; BRACKET FIX | 2 |
| 4 | 898020-4800 | HOSE; RUBBER, PCV-TANK | 1 |
| 5 | 898020-4820 | HOSE; RUBBER, TANK-OILPAN | 1 |
| 6 | 898020-4810 | HOSE; RUBBER, TANK OUT | 1 |
| 7 | 894121-1130 | CLIP; HOSE, PCV-TANK | 2 |
| 8 | 894238-6100 | CLIP; HOSE, TANK-OILPAN | 2 |
| 9 | 894250-6151 | PIPE; BREATHER | 1 |

