# 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.

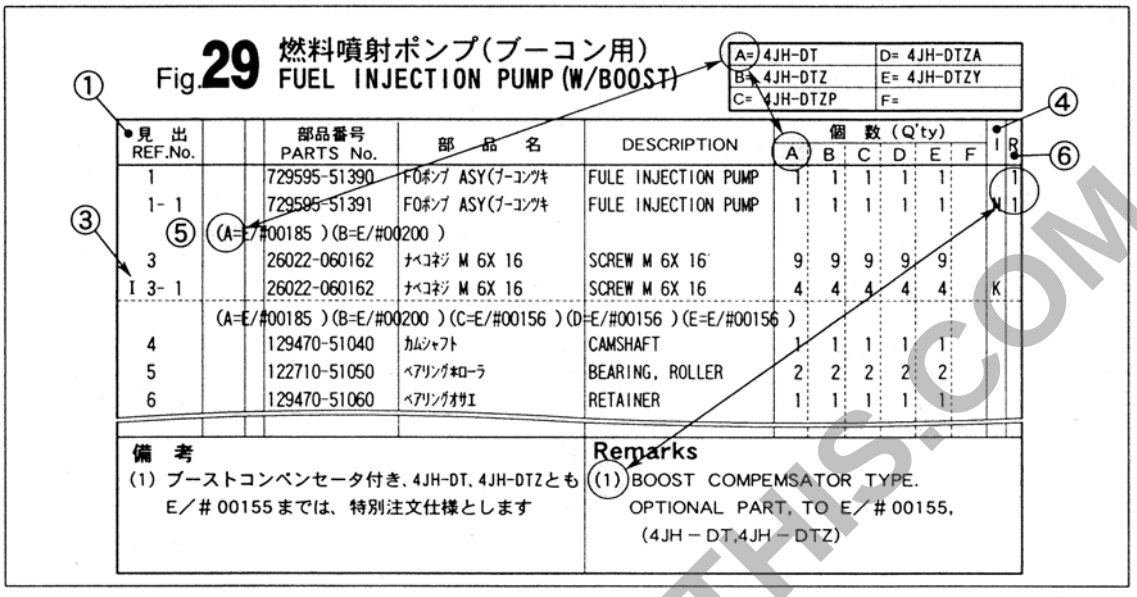


Fig.29 燃料噴射ポンプ(ブーコン用) FUEL INJECTION PUMP (W/BOOST)

| | | | |
|---|---|---|---|
| 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 (Q'ty) A | B | C | D | E | F | I | R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | 729595-51390 | FOポンプ ASY(ブーコンツキ | FULE INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | | | 1 |
| 1- 1 | | 729595-51391 | FOポンプ ASY(ブーコンツキ | FULE INJECTION PUMP | 1 | 1 | 1 | 1 | 1 | | I | 1 |
| | (A=E/#00185 )(B=E/#00200 ) | | | | | | | | | | | |
| 3 | | 26022-060162 | ナベコネジ M 6X 16 | SCREW M 6X 16 | 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 | | K | |
| | (A=E/#00185 )(B=E/#00200 )(C=E/#00156 )(D=E/#00156 )(E=E/#00156 ) | | | | | | | | | | | |
| 4 | | 129470-51040 | カムシャフト | CAMSHAFT | 1 | 1 | 1 | 1 | 1 | | | |
| 5 | | 122710-51050 | ベアリングキローラ | BEARING, ROLLER | 2 | 2 | 2 | 2 | 2 | | | |
| 6 | | 129470-51060 | ベアリングオサエ | RETAINER | 1 | 1 | 1 | 1 | 1 | | | |

| 備考 | Remarks |
|---|---|
| (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 | (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. 1 — List head No. 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 desigh 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

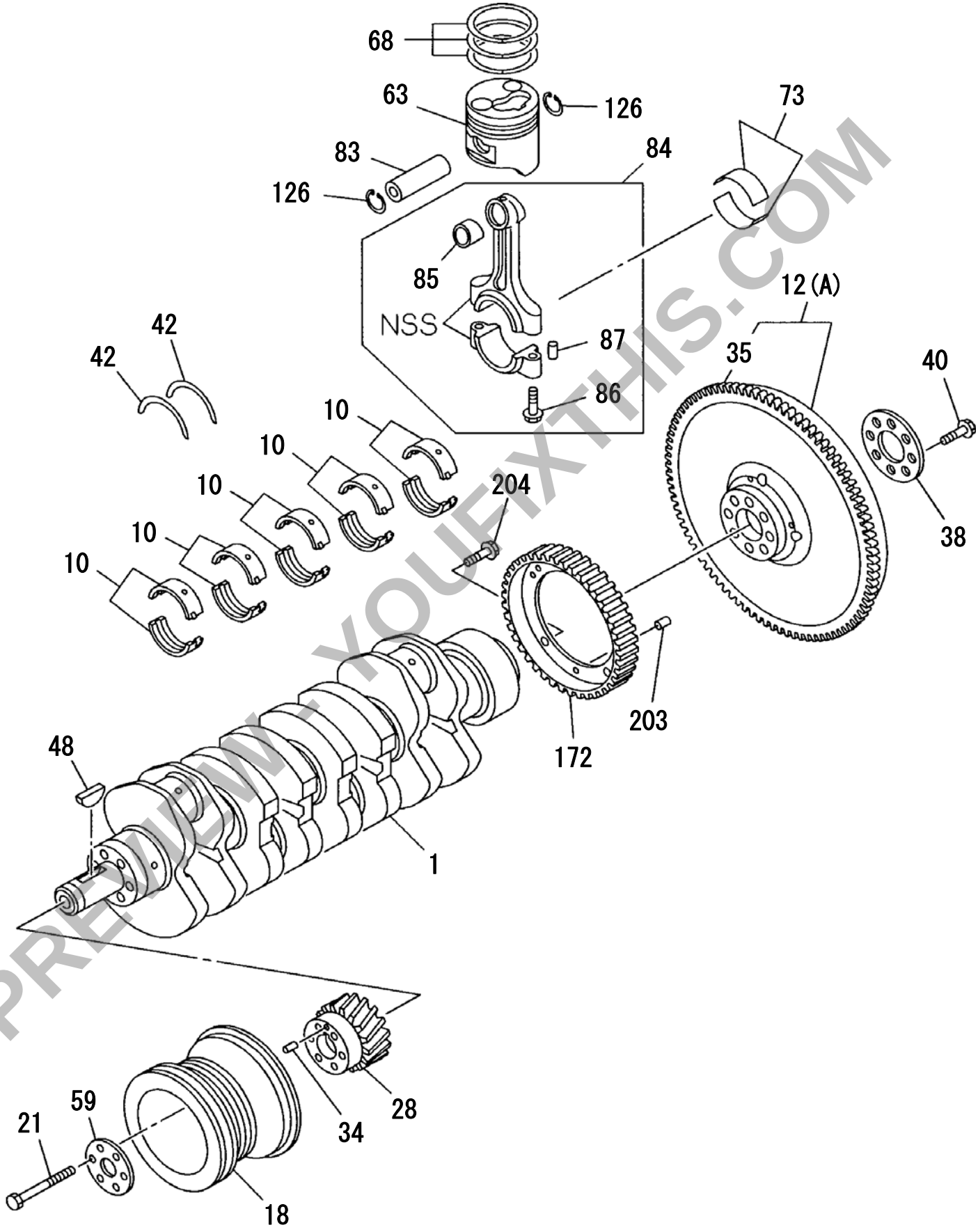
Figures or alphabets (Symbols) are entered in the remark column.
The comments(remarks)on the pertinent parts are indicated in the lower part of the list by the same symbols as those stated above.

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# CRANKSHAFT, PISTON AND FLYWHEEL




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| REF NO. | PARTS NO. | Description | Q'ty | I | R | Remarks |
|---|---|---|---|---|---|---|
| 1 | 18-98154-9502 | CRANKSHAFT | 1 | | | |
| 10 | 18-97387-9640 | METAL SET; CRANKSHAFT (GRADE=1) | 5 | | | |
| 10 | 18-97387-9650 | METAL SET; CRANKSHAFT (GRADE=2) | 5 | | | |
| 10 | 18-97387-9660 | METAL SET; CRANKSHAFT (GRADE=3) | 5 | | | |
| 10 | 18-97387-9670 | METAL SET; CRANKSHAFT (GRADE=4) | 5 | | | |
| 10 | 18-97387-9680 | METAL SET; CRANKSHAFT (GRADE=5) | 5 | | | |
| 12(A) | 18-98051-4471 | FLYWHEEL | 1 | | | |
| 18 | 18-98183-4530 | PULLEY; CR/SHF (OD=176.4) | 1 | | | |
| 21 | 18-98165-2341 | BOLT; PULLEY FIX | 6 | | | |
| 28 | 18-98154-9451 | GEAR; CR/SHF | 1 | | | |
| 34 | 19-08160-5100 | PIN; GEAR SETTING (OD=5 L=10) | 1 | | | |
| 35 | 19-12333-6061 | GEAR; RING (Z=122) | 1 | | | |
| 38 | 18-94142-1561 | WASHER; FLYWHEEL | 1 | | | |
| 40 | 18-94418-0500 | BOLT; FLYWHEEL (M13X45) | 8 | | | |
| 42 | 18-98040-7040 | WASHER; THRUST, CR/SHF | 2 | | | |
| 48 | 18-94201-6410 | KEY; WOODRUFF, CR/SHF | 1 | | | |
| 59 | 18-98165-1250 | WASHER; CR/SHF PULLEY | 1 | | | |
| 63 | 18-98192-9260 | PISTON (GRADE=A) | 4 | | | |
| 63 | 18-98192-9270 | PISTON (GRADE=B) | 4 | | | |
| 63 | 18-98192-9280 | PISTON (GRADE=C) | 4 | | | |
| 68 | 18-98057-2220 | RING SET; PISTON, STANDARD | 4 | | | |
| 73 | 18-97358-2340 | METAL SET; CONN ROD, STANDARD | 4 | | | |
| 83 | 18-98015-1931 | PIN; PISTON | 4 | | | |
| 84 | 18-97388-9212 | ROD ASM; CONN | 4 | | | |
| 85 | 18-97383-0660 | BUSHING; CONNROD | 4 | | | |
| 86 | 18-98048-5380 | BOLT; CONNROD (M11X44.5) | 8 | | | |
| 87 | 19-08160-5080 | PIN; CONNROD BIG END (OD=5 L=8) | 8 | | | |
| 126 | 18-94460-6870 | RING; SNAP, PISTON PIN | 8 | | | |
| 172 | 18-98163-6930 | ROTOR; CRANK SENSOR | 1 | | | |
| 203 | 19-08160-5080 | PIN; ROTOR (OD=5 L=8) | 1 | | | |
| 204 | 18-98038-3430 | BOLT; ROTOR | 3 | | | |

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| I0-91180-1060 | 21 | 460 |
| | 22 | 110 |
| I0-91180-1080 | 30 | 747 |
| I0-91180-1100 | 12 | 205 |
| I0-91180-2060 | 12 | 80(A) |
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| | 19 | 49 |
| | 3 | 2 |
| I0-91180-2080 | 12 | 98 |
| | 14 | 20 |
| | 17 | 155 |
| | 17 | 40 |
| | 20 | 82 |
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| | 29 | 12 |
| | 29 | 681 |
| | 30 | 565 |
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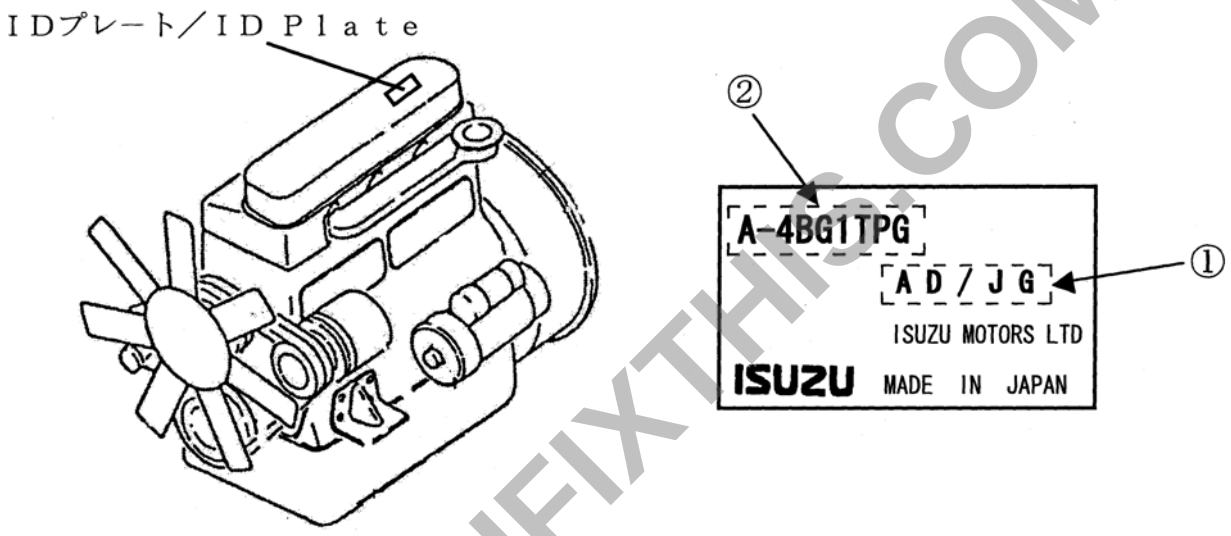
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| | 28 | 572 |
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| I5-87816-8200 | 1 | 1 |
| I5-87816-8210 | 1 | 1 |
| I5-87816-8220 | 1 | 1 |
| I5-87816-8230 | 2 | 2 |
| I5-87816-8240 | 2 | 2 |
| I5-87816-8250 | 2 | 2 |
| I5-87817-0620 | 1 | 1 |
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# 4. ＩＤプレートの見方/How to refer to ID Plate




**① 完成年月 ：** ＩＤプレートはアルファベット､パーツカタログ上は西暦で表示してあります。
(例)ＡＤ／ＪＧ → ０３月／９６年

**② エンジン型式名称 ：** 個別の型式名称が表示されます。
(例１)Ａ－４ＢＧ１ＴＰＧ→ＴＰＧ
(例２)ＵＦ４ＢＧ１ＴＰＧ→ＴＰＧ(ＵＦ)

**① Applied Date:** Indicated in alphabetical character on the ID Plate.
(A=0, B=1, C=2, D=3, etc.).
For example:
March '96 A D / J G (Month/Year)
0 3 / 9 6

**② Engine Model Name:** Individual model is indicated.
For example 1: A-4BG1TPG → TPG
For example 2: UF4BG1TPG → TPG(UF)

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## OIL PAN OIL PAN

| REF NO. | PARTS NO. | Description | Q'ty | I | R | Remarks |
|---|---|---|---|---|---|---|
| 1(E) | **18-98086-4211** | PAN ASM; OIL | 1 | | | |
| 3(A) | **11-09630-0900** | GASKET; DRAIN PLUG | 1 | | | |
| 6 | **18-98144-2470** | PLUG; OIL DRAIN | 1 | | | |
| 17(A) | **18-98019-5052** | GASKET; OIL PAN | 1 | | | |
| 17(A) | **18-98253-0910** (A=2013/11-) | GASKET; OIL PAN | 1 | | N | |
| 17(B) | **18-98084-3910** | GASKET; OIL PAN | 1 | | | |
| 24 | **10-91180-2080** | NUT; OIL PAN (M8 FLANGE) | 18 | | | |
| 25 | **10-41010-8250** | STUD; OIL PAN (M8X25 L=37) | 2 | | | |
| 27 | **18-98091-4623** | CRANKCASE | 1 | | | |
| 29 | **10-91180-2080** | NUT; CRANKCASE (M8 FLANGE) | 1 | | | |
| 30 | **10-41010-8400** | STUD; CRANKCASE (M8X40 L=52) | 1 | | | |
| 69 | **10-28050-8200** | BOLT; PLATE (M8X20 FLANGE) | 12 | | | |
| 158 | **18-98169-5881** | PLATE | 1 | | | |
| 216 | **10-28050-8120** | BOLT; BRACKET (M8X12 FLANGE) | 2 | | | |
| 345 | **10-28650-8250** | BOLT; OIL PAN (M8X25 FLANGE) | 26 | | | |
| 384 | **18-98100-7430** | BRACKET; HARNESS | 1 | | | |

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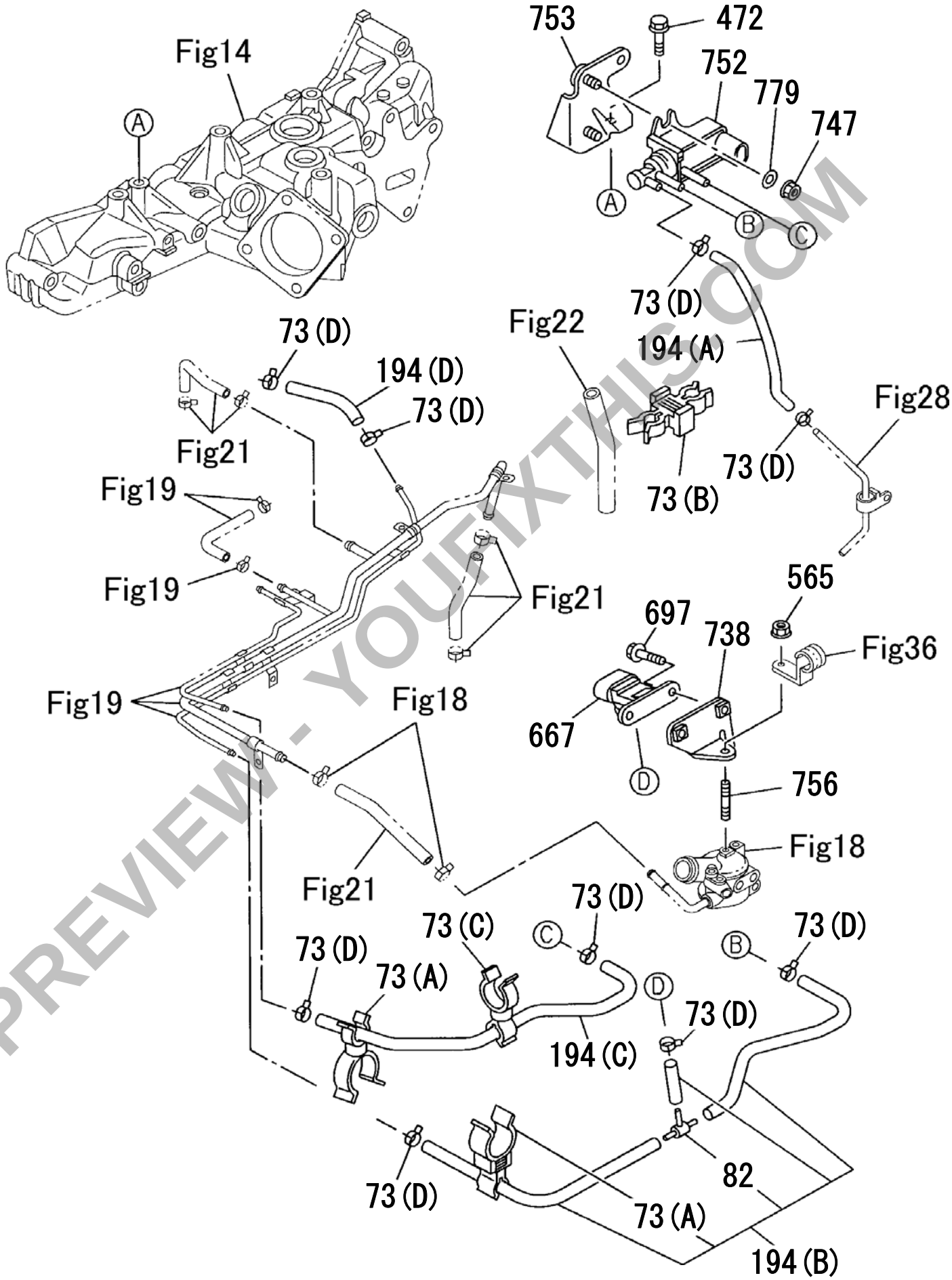
| REF NO. | PARTS NO. | Description | Q'ty | I | R | Remarks |
|---|---|---|---|---|---|---|
| 22(A) | **18-94367-9430** | CLIP; WATER HOSE (ID=13) | 2 | | | |
| 22(B) | **18-97375-6390** | CLIP; WATER HOSE (ID=11) | 2 | | | |
| 23 | **18-98075-1270** | GASKET; SUCTION PIPE TO BLOCK | 1 | | | |
| 29(A) | **10-95235-0520** | CLIP; PIPE (ID=11 L=28) | 1 | | | |
| 29(B) | **18-98120-9170** | CLIP; PIPE (ID=12 L=20) | 2 | | | |
| 49 | **10-91180-2060** | NUT; WATER PIPE | 1 | | | |
| 138 | **18-98135-3340** | PIPE; WATER | 1 | | | |
| 160 | **10-91180-2060** | NUT; WATER PIPE | 1 | | | |
| 198(B) | **10-28050-6120** | BOLT; PIPE (M6X12 FLANGE) | 2 | | | |
| 198(C) | **18-97378-0750** | BOLT; PIPE (M8X14 FLANGE) | 1 | | | |
| 216 | **18-98171-1330** | HOSE; WATER | 1 | | | |

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# EMISSION PIPING (2/2)




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