



# PARTS CATALOG

# Introduction

1. This parts catalog for 3GM30- YEU, 3GM30C- YEU, 3GM30F- YEU & 3GM30FC- YEU is published as a revised edition of the diesel engine.

|                     | Parts catalog | Date of issue | Remarks |
|---------------------|---------------|---------------|---------|
| First edition       | 000Y00R4600   | Dec., 1996    | No need |
| 1st revised edition | 000Y00R4601   | Mar., 1999    |         |

2. This parts catalog list covers the engines assembled at Yanmar Europe B.V.

3. Standard finish color. : Metallic ecote silver  
 Parts No. 977620-10070 1 l (Packed in a can)  
 977620-40070 4 l (Packed in a can)  
 TOR-90090003 Spray (1 piece)

4. This parts catalog does not contain the technical data needed for servicing.

5. The illustrations used in this parts catalog have been simplified for clarity.

6. The essential points list. (This engine numbers assembled at Yanmar Europe are as follows)

| Name of diesel engine | Specification         | No. of cylinder<br>Internal diameter (mm)<br>Stroke length (mm) | New E/# |
|-----------------------|-----------------------|-----------------------------------------------------------------|---------|
| 3GM30- YEU            | Marine pleasure boats | 3 × 75 × 72                                                     | E20101~ |
| 3GM30C- YEU           | Marine pleasure boats | 3 × 75 × 72                                                     | E20101~ |
| 3GM30F- YEU           | Marine pleasure boats | 3 × 75 × 72                                                     | E20101~ |
| 3GM30FC- YEU          | Marine pleasure boats | 3 × 75 × 72                                                     | E20101~ |

7. The contents of this parts catalog are subject to change without prior notice.

8. Be sure to use only genuine Yanmar part for repairs. If other parts are used, the life of the engine may be shortened.

## How to read this Parts Catalog.

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

Y00F2161 29. FUEL INJECTION PUMP (W/BOOST)

①

↓

REF.

②

↘

LEV.

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

|       |   | PARTS No.                             | DESCRIPTION         | QTY |     |     |     |     |     | I | R |
|-------|---|---------------------------------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
|       |   |                                       |                     | (A) | (B) | (C) | (D) | (E) | (F) |   |   |
| 1     |   | 729595-51390                          | FUEL INJECTION PUMP | 1   | 1   | 1   | 1   | 1   |     |   |   |
| 1-1   | ⑤ | 729595-51391<br>(A=E00185) (B=E00200) | FUEL INJECTION PUMP | 1   | 1   | 1   | 1   | 1   |     |   |   |
| 3     | 2 | 26022-060162                          | SCREW M 6X16        | 9   | 9   | 9   | 9   | 9   |     |   |   |
| I 3-1 | 2 | 26022-060162<br>(A=E00156) (B=E00156) | SCREW M 6X16        | 4   | 4   | 4   | 4   | 4   |     | K |   |
|       |   | (C=E00156) (D=E00156) (E=E00156)      |                     |     |     |     |     |     |     |   |   |
| 4     | 2 | 129470-51040                          | CAMSHIFT            | 9   | 9   | 9   | 9   | 9   |     |   |   |
| 5     | 2 | 122710-51050                          | BEARING. ROLLER     | 9   | 9   | 9   | 9   | 9   |     |   |   |
| 6     | 2 | 129470-51060                          | RETAINER            | 9   | 9   | 9   | 9   | 9   |     |   |   |

Remarks

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

### ①Ref. No,

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

(Ex.) illustration No, List heed No,  
1 1 (Before change) → 1-1 (After change)

When interchangeable symbol N, and k, illustrations for the new parts are sometimes omitted.

### ②Lev. (Level)

Indication and Meaning of Level

Level Hereunder is given the relation among the number of number (1,2,3) the level and the nominal parent-child relationship.

1 ----- Parent parts (Assembly parts)

2 ----- Child parts included in " 1 " (Semi-Assembly parts, component parts of Assembly parts.)

3 ----- Child parts included in " 2 ", Grand-child parts in terms of " 1 ".

(Component parts of Semi-Assembly parts.)

Note) A parts of non-sale parts are illustrated but not listed.

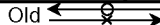
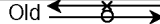
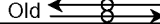
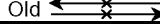
### ③Change Mark

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.

### ④Interchangeability 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.                                                   |

### ⑤Effective 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,                | Note 1)※       | Date        |

Note 1) Date may follow the symbol in some cases.(Ex.) ※1996.01

Note 2) 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.

Note 3) (A=E/#00185) means that the design change on the part has been effective for the model at the, column (A) (in the case, for 4JH-DT) on and from E/(Engine Serial Number) 00185

### ⑥Remarks 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 a those stated above.

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MODEL: 3GM30-YEU  
P/C NEWS No: Y00R4601-4  
PUBLISHED: 2000/12

| 項目<br>Fig.No. | 項 目 名 称          | GROUP NAME                        | P/C NEWS No. |     |     |     |
|---------------|------------------|-----------------------------------|--------------|-----|-----|-----|
|               |                  |                                   | - 1          | - 2 | - 3 | - 4 |
| 1             | シリンダブロック         | CYLINDER BLOCK                    |              |     |     |     |
| 2             | シリンダブロック         | CYLINDER BLOCK                    |              |     |     |     |
| 3             | ギヤケース            | GEAR HOUSING                      |              |     |     |     |
| 4             | ギヤケース            | GEAR HOUSING                      |              |     |     |     |
| 5             | オイルパン            | LUB. OIL SUMP                     |              |     |     |     |
| 6             | フライホイールハウジング     | FLYWHEEL HOUSING                  |              |     |     |     |
| 7             | メインメタル           | MAIN METAL HOUSING                |              |     |     |     |
| 8             | ブリーザ             | BREATHER                          |              |     |     |     |
| 9             | 銘板               | LABEL                             |              |     |     |     |
| 10            | 吊り上げ金具           | ENGINE LIFTER                     |              |     |     |     |
| 11            | 吊り上げ金具           | ENGINE LIFTER                     |              |     |     |     |
| 12            | マウンティングフート       | ENGINE BRACKET                    |              |     |     |     |
| 13            | マウンティングフート(防振)   | ENGINE BRACKET (SHOCK ABSORBER)   |              |     |     |     |
| 14            | シリンダヘッド          | CYLINDER HEAD                     |              |     |     |     |
| 15            | シリンダヘッド          | CYLINDER HEAD                     |              |     |     |     |
| 16            | ボンネット            | BONNET                            |              |     |     |     |
| 17            | 吸気マニホールド         | SUCTION MANIFOLD                  |              |     |     |     |
| 18            | 排気マニホールド         | EXHAUST MANIFOLD                  |              |     |     |     |
| 19            | ミキシングエルボ         | MIXING ELBOW                      |              |     |     |     |
| 20            | カムシャフト           | CAMSHAFT                          |              |     |     |     |
| 21            | カムシャフト           | CAMSHAFT                          |              |     |     |     |
| 22            | クランクシャフト&フライホイール | CRANKSHAFT & FLYWHEEL             |              |     |     |     |
| 23            | ピストン             | PISTON                            |              |     |     | ◎   |
| 24            | コネクティングロッド       | CONNECTING ROD                    |              |     |     |     |
| 25            | 潤滑油ポンプ           | LUB. OIL PUMP                     |              |     |     |     |
| 26            | 検油棒              | LUB. OIL DIPSTICK                 |              |     |     |     |
| 27            | 潤滑油フィルタ          | LUB. OIL STRAINER                 |              |     |     |     |
| 28            | 潤滑油調圧弁           | L. O. PRESS. REGULATING VALVE     |              |     |     |     |
| 29            | 潤滑油パイプ           | LUB. OIL PIPE                     |              |     |     |     |
| 30            | 冷却水ポンプ(海水)       | COOLING SEA WATER PUMP            |              | ◎   |     |     |
| 31            | 冷却水ポンプ(海水)       | COOLING SEA WATER PUMP            |              | ◎   |     |     |
| 32            | 冷却水ポンプ(清水)       | COOLING FRESH WATER PUMP          |              |     |     |     |
| 33            | 清水クーラ            | COOLING FRESH WATER COOLER        | ◎            |     | ◎   |     |
| 34            | サブタンク            | SUB TANK                          |              |     |     |     |
| 35            | 冷却水パイプ(海水)       | COOLING SEA WATER PIPE            |              |     |     |     |
| 36            | 冷却水パイプ(清水)       | COOLING FRESH WATER PIPE          |              |     |     |     |
| 37            | サーモスタット          | THERMOSTAT                        |              |     |     |     |
| 38            | サーモスタット          | THERMOSTAT                        |              |     |     |     |
| 39            | 冷却水パイプ(海水,オプション) | COOLING SEA WATER PIPE (OPTIONAL) |              |     |     |     |
| 40            | 燃料噴射ポンプ          | FUEL INJECTION PUMP               |              |     |     |     |

注: ◎印は、変更した項目です。  
(NOTE) MARK "◎" SHOWS CHANGED Fig. No. — 1 —

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MODEL : 3GM30-YEU

P/C NEWS No. : Y00R4601-5

PUBLISHED : 2003/7

| 項目<br>Fig. | 項 目 名 称              | GROUP NAME                             | P/C NEWS No. |   |  |  |
|------------|----------------------|----------------------------------------|--------------|---|--|--|
|            |                      |                                        | 1~4          | 5 |  |  |
| 41         | 燃料フィードポンプ            | FUEL FEED PUMP                         |              |   |  |  |
| 42         | 燃料噴射弁                | FUEL INJECTION VALVE                   |              |   |  |  |
| 43         | 燃料フィルタ               | FUEL STRAINER                          |              |   |  |  |
| 44         | 燃料噴射パイプ              | FUEL INJECTION PIPE                    |              |   |  |  |
| 45         | 燃料パイプ                | FUEL PIPE                              |              |   |  |  |
| 46         | 燃料戻しパイプ              | FUEL RETURN PIPE                       |              |   |  |  |
| 47         | ガバナ駆動                | GOVERNOR EQUIPMENT                     |              |   |  |  |
| 48         | 操縦装置                 | CONTROL DEVICE                         |              |   |  |  |
| 49         | アイドルアジャスタ            | IDLE ADJUSTER                          |              |   |  |  |
| 50         | 燃料制限装置               | FUEL CONTROL DEVICE                    |              |   |  |  |
| 51         | 機関停止装置               | ENGINE STOP DEVICE                     |              |   |  |  |
| 52         | スピードリモコン             | SPEED REMOTE CONTROL                   |              |   |  |  |
| 53         | ハンドスタート              | HAND START                             |              |   |  |  |
| 54         | スターティングモータ           | STARTING MOTOR                         |              |   |  |  |
| 55         | ジェネレータ               | GENERATOR                              |              |   |  |  |
| 56         | ジェネレータ               | GENERATOR                              |              |   |  |  |
| 57         | ジェネレータ(オプション)        | GENERATOR(OPTIONAL)                    |              |   |  |  |
| 58         | ワイヤハーネス              | WIRE HARNESS                           |              |   |  |  |
| 59         | クラッチ                 | CLUTCH                                 |              |   |  |  |
| 60         | ダンパディスク              | DUMPER DISK                            |              |   |  |  |
| 61         | クラッチリモコン             | CLUTCH REMORTE CONTROL                 |              |   |  |  |
| 62         | 工具                   | TOOL                                   |              |   |  |  |
| 63         | ミキシングエルボ(オプション)      | MIXING ELBOW(OPTIONAL)                 |              |   |  |  |
| 64         | ミキシングエルボ(オプション)      | MIXING ELBOW(OPTIONAL)                 |              |   |  |  |
| 65         | 潤滑油廃油ポンプ(オプション)      | LUB.OIL WASTE PUMP(OPTIONAL)           |              |   |  |  |
| 66         | ビルジポンプ(STD,オプション)    | BILGE PUMP(STD,OPTIONAL)               |              |   |  |  |
| 67         | ビルジポンプ(DX,オプション)     | BILGE PUMP(DX,OPTIONAL)                |              |   |  |  |
| 68         | キングストンコック(オプション)     | KINGSTON COCK(OPTIONAL)                |              |   |  |  |
| 69         | 燃料タンク(オプション)         | FUEL TANK(OPTIONAL)                    |              |   |  |  |
| 70         | ストップケーブル(オプション)      | ENGINE STOP CABLE(OPTIONAL)            |              |   |  |  |
| 71         | バッテリースイッチ(オプション)     | BATTERY SWITCH(OPTIONAL)               |              |   |  |  |
| 72         | テーパカップリング(オプション)     | TAPER COUPLING(OPTIONAL)               |              |   |  |  |
| 73         | ソリッドカップリング(オプション)    | SOLID COUPLING(OPTIONAL)               |              |   |  |  |
| 74         | ストレートカップリング(オプション)   | STRAIGHT COUPLING(OPTIONAL)            |              |   |  |  |
| 75         | スリットカップリング(オプション)    | SLIT COUPLING(OPTIONAL)                |              |   |  |  |
| 76         | シングルレバーコントロール(オプション) | SINGLE LEVER CONTROL(OPTIONAL)         |              |   |  |  |
| 77         | 計器盤(Aタイプ,オプション)      | INSTRUMENT PANEL(A-TYPE,OPTIONAL)      |              |   |  |  |
| 78         | 計器盤(Aタイプ,セイル,オプション)  | INSTRUMENT PANEL(A-TYPE,SAIL,OPTIONAL) |              |   |  |  |
| 79         | 計器盤(Bタイプ,オプション)      | INSTRUMENT PANEL(B-TYPE,OPTIONAL)      |              |   |  |  |
| 80         | 計器盤(Bタイプ,新形,オプション)   | INSTRUMENT PANEL(B-TYPE,NEW,OPTIONAL)  |              | ◎ |  |  |

注 : ◎印は、変更した項目です。

(NOTE) MARK "◎" SHOWS CHANGED Fig.No.

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**MODEL: 3GM30-YEU**

P / C No. : Y00R4601

PUBLISHED: 1999/3

[illegible]

# CONTENTS

MODEL : 3GM30-YEU  
PC NO : 0CR10-G46001

| Fig.No.   | GROUP NAME                     |
|-----------|--------------------------------|
| 3GM30-YEU |                                |
| 1.        | CYLINDER BLOCK                 |
| 2.        | CYLINDER BLOCK                 |
| 3.        | GEAR HOUSING                   |
| 4.        | GEAR HOUSING                   |
| 5.        | LUB. OIL SUMP                  |
| 6.        | FLYWHEEL HOUSING               |
| 7.        | MAIN METAL HOUSING             |
| 8.        | BREATHER                       |
| 9.        | LABEL                          |
| 10.       | ENGINE LIFTER                  |
| 11.       | ENGINE LIFTER                  |
| 12.       | ENGINE BRACKET                 |
| 13.       | ENGINE BRACKET(SHOCK ABSORBER) |
| 14.       | CYLINDER HEAD                  |
| 15.       | CYLINDER HEAD                  |
| 16.       | BONNET                         |
| 17.       | SUCTION MANIFOLD               |
| 18.       | EXHAUST MANIFOLD               |
| 19.       | MIXING ELBOW                   |
| 20.       | CAMSHAFT                       |
| 21.       | CAMSHAFT                       |
| 22.       | CRANKSHAFT & FLYWHEEL          |
| 23.       | PISTON                         |
| 24.       | CONNECTING ROD                 |
| 25.       | LUB. OIL PUMP                  |
| 26.       | LUB. OIL DIPSTICK              |
| 27.       | LUB. OIL STRAINER              |
| 28.       | L.O.PRESS.REGULATING VALVE     |
| 29.       | LUB. OIL PIPE                  |

| Fig.No. | GROUP NAME                     |
|---------|--------------------------------|
| 30.     | COOLING SEA WATER PUMP         |
| 31.     | COOLING SEA WATER PUMP         |
| 32.     | COOLING FRESH WATER PUMP       |
| 33.     | COOLING FRESH WATER COOLER     |
| 34.     | SUB TANK                       |
| 35.     | COOLING SEA WATER PIPE         |
| 36.     | COOLING FRESH WATER PIPE       |
| 37.     | THERMOSTAT                     |
| 38.     | THERMOSTAT                     |
| 39.     | COOLING SEA WATER PIPE(OPTIONA |
| 40.     | FUEL INJECTION PUMP            |
| 41.     | FUEL FEED PUMP                 |
| 42.     | FUEL INJECTION VALVE           |
| 43.     | FUEL STRAINER                  |
| 44.     | FUEL INJECTION PIPE            |
| 45.     | FUEL PIPE                      |
| 46.     | FUEL RETURN PIPE               |
| 47.     | GOVERNOR EQUIPMENT             |
| 48.     | CONTROL DEVICE                 |
| 49.     | IDLE ADJUSTER                  |
| 50.     | FUEL CONTROL DEVICE            |
| 51.     | ENGINE STOP DEVICE             |
| 52.     | SPEED REMOTE CONTROL           |
| 53.     | HAND START                     |
| 54.     | STARTING MOTOR                 |
| 55.     | GENERATOR                      |
| 56.     | GENERATOR                      |
| 57.     | GENERATOR(OPTIONAL)            |
| 58.     | WIRE HARNESS                   |
| 59.     | CLUTCH                         |

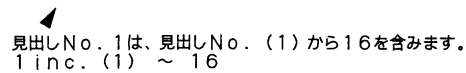
# CONTENTS

MODEL : 3GM30-YEU  
PC NO : 0CR10-G46001

Fig.No. GROUP NAME

- 60. DUMPER DISK
- 61. CLUTCH REMOTE CONTROL
- 62. TOOL
- 63. MIXING ELBOW(OPTIONAL)
- 64. MIXING ELBOW(OPTIONAL)
- 65. LUB.OIL WASTE PUMP(OPTIONAL)
- 66. BILGE PUMP(STD,OPTIONAL)
- 67. BILGE PUMP(DX,OPTIONAL)
- 68. KINGSTON COCK(OPTIONAL)
- 69. FUEL TANK(OPTIONAL)
- 70. ENGINE STOP CABLE(OPTIONAL)
- 71. BATTERY SWITCH(OPTIONAL)
- 72. TAPER COUPLING(OPTIONAL)
- 73. SOLID CUPLING(OPTIONAL)
- 74. STRAIGHT COUPLING(OPTIONAL)
- 75. SLIT COUPLING(OPTIONAL)
- 76. SINGLE LEVER CONTROL(OPTIONAL)
- 77. INSTRUMENT PANEL(A,OPTIONAL)
- 78. INSTRUMENT PANEL(A,SAIL,OPTIONAL)
- 79. INSTRUMENT PANEL(B,OPTIONAL)
- 80. INSTRUMENT PANEL(B,NEW,OPTIONAL)
- 81. SPECIAL TOOL(OPTIONAL)
- 82. REPAIR PART(OPTIONAL)
- 83. REPAIR PART(OPTIONAL)
- 84. GASKET SET(OPTIONAL)
- 85. SAFETY LABEL(OPTIONAL)

Fig.No. GROUP NAME



Remarks  
(1) UNDER SIZED (U.S.=0.25) PART.

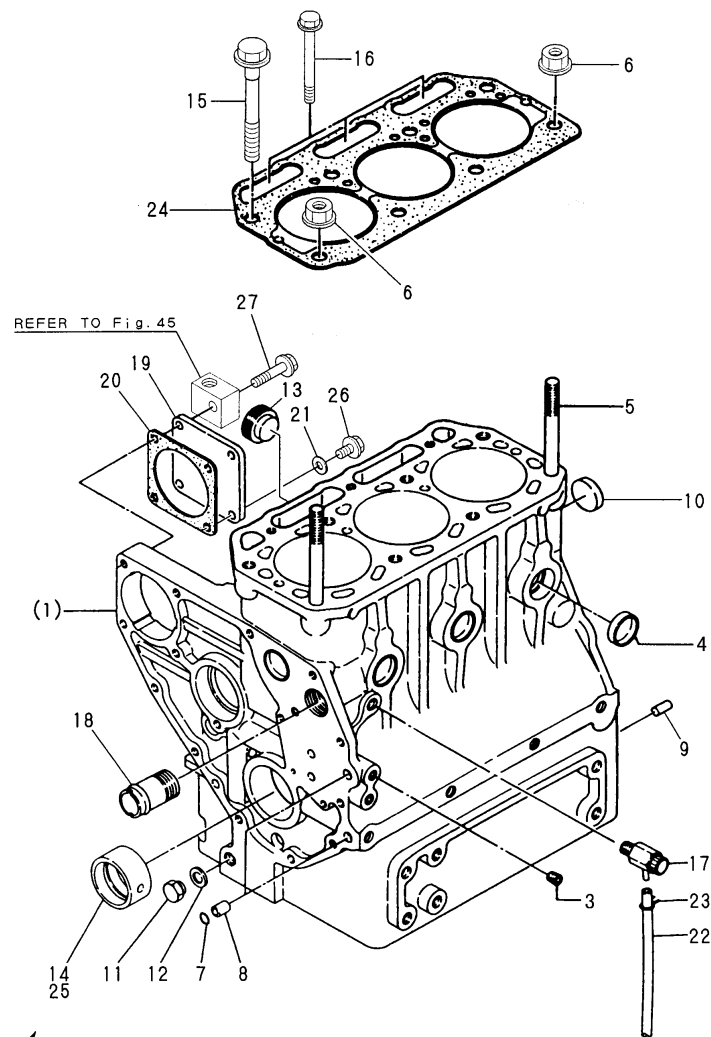
0CR10-G46001 1. CYLINDER BLOCK

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF.          | LEV. | PARTS NO.     | DESCRIPTION          | QTY |     |     |     |     | I | R |
|---------------|------|---------------|----------------------|-----|-----|-----|-----|-----|---|---|
|               |      |               |                      | (A) | (B) | (C) | (D) | (E) |   |   |
| 1             | 1    | 728374-01560  | BLOCK ASSY, CYLINDER | 1   | 1   |     |     |     |   |   |
| 3             | 2    | 124060-01050  | PLUG PT1/8           | 7   | 7   |     |     |     |   |   |
| 4             | 2    | 105311-01090  | PLUG 30 (SUS)        | 5   | 5   |     |     |     |   |   |
| 5             | 2    | 121450-01210  | STUD, CYL. HEAD      | 2   | 2   |     |     |     |   |   |
| 6             | 2    | 121450-01220  | NUT, CYL. HEAD       | 2   | 2   |     |     |     |   |   |
| 7             | 2    | 24311-000100  | O-RING 1A P-10.0     | 2   | 2   |     |     |     |   |   |
| 8             | 2    | 124085-01900  | GUIDE, O-RING        | 2   | 2   |     |     |     |   |   |
| 9             | 2    | 22312-080160  | PARALLEL PIN 8X 16   | 2   | 2   |     |     |     |   |   |
| I 9-1         | 2    | 129100-01580  | PARALLEL PIN 8X16    | 2   | 2   |     |     |     |   | R |
| (A=E/#E21261) |      | (B=E/#E21165) |                      |     |     |     |     |     |   |   |
| 10            | 2    | 121450-01990  | PLUG 30              | 1   | 1   |     |     |     |   |   |
| 11            | 2    | 121450-01960  | PLUG PF1/4           | 1   | 1   |     |     |     |   |   |
| 12            | 2    | 121450-01980  | GASKET               | 1   | 1   |     |     |     |   |   |
| 13            | 2    | 121450-02100  | MAIN METAL           | 1   | 1   |     |     |     |   |   |
| 14            | 2    | 128270-09300  | PLUG NPTF 1"         | 2   | 2   |     |     |     |   |   |
| 15            | 2    | 123210-09310  | PACKING              | 2   | 2   |     |     |     |   |   |
| 16            | 2    | 27210-200300  | ZINC, ANTI-CORROSIVE | 2   | 2   |     |     |     |   |   |
| 17            | 1    | 121450-01203  | BOLT, CYL. HEAD      | 6   | 6   |     |     |     |   |   |
| 18            | 1    | 129350-01230  | BOLT, CYL. HEAD      | 3   | 3   |     |     |     |   |   |
| 19            | 1    | 128371-01800  | COCK ASSY 1/4        | 1   | 1   |     |     |     |   |   |
| 20            | 1    | 105583-49910  | ELBOW (PT1/4)        | 1   | 1   |     |     |     |   |   |
| 21            | 1    | 128270-01450  | CONNECTOR, BY-PATH   | 1   | 1   |     |     |     |   |   |
| 22            | 1    | 124240-01871  | COVER, HO-P          | 1   | 1   |     |     |     |   |   |
| 23            | 1    | 124240-01883  | GASKET, (NON-ASB.)   | 1   | 1   |     |     |     |   |   |
| 24            | 1    | 23414-080000  | GASKET 8, ROUND      | 1   | 1   |     |     |     |   |   |
| 25            | 1    | 23061-070200  | PIPE 7X 200          | 1   | 1   |     |     |     |   |   |
| I 25-1        | 1    | 23061-070300  | PIPE 7X 300          | 1   | 1   |     |     |     |   | R |
| (A=E/#E21613) |      | (B=E/#E21579) |                      |     |     |     |     |     |   |   |
| 26            | 1    | 124460-77680  | RETAINER             | 1   | 1   |     |     |     |   |   |
| 27            | 1    | 128374-01911  | GASKET, CYL. HEAD    | 1   | 1   |     |     |     |   |   |
| 28            | 1    | 121450-02310  | MAIN METAL 0.25US    | 1   | 1   |     |     |     |   | 1 |
| 29            | 1    | 26106-080142  | BOLT M 8X 14 PLATED  | 3   | 3   |     |     |     |   |   |
| 30            | 1    | 26106-080322  | BOLT M 8X 32 PLATED  | 1   | 1   |     |     |     |   |   |

Fig.2. CYLINDER BLOCK



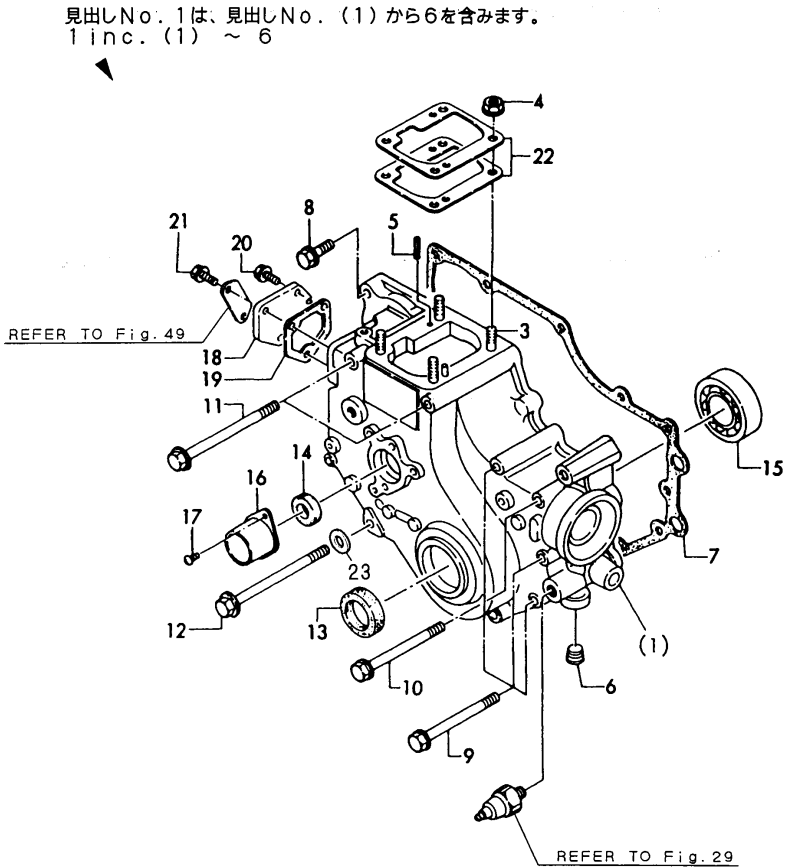
見出しNo. 1は、見出しNo. (1) から14を含みます。  
1 inc. (1) ~ 14

Remarks  
(1)UNDER SIZED(U.S.=0.25) PART.

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF.                        | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|-----------------------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|                             |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                           | 1    | 728397-01560 | BLOCK ASSY, CYLINDER |      |     | 1   | 1   |     |     |   |   |
| 3                           | 2    | 124060-01050 | PLUG PT1/8           |      |     | 7   | 7   |     |     |   |   |
| 4                           | 2    | 105311-01090 | PLUG 30 (SUS)        |      |     | 5   | 5   |     |     |   |   |
| 5                           | 2    | 121450-01210 | STUD, CYL. HEAD      |      |     | 2   | 2   |     |     |   |   |
| 6                           | 2    | 121450-01220 | NUT, CYL. HEAD       |      |     | 2   | 2   |     |     |   |   |
| 7                           | 2    | 24311-000100 | O-RING 1A P-10.0     |      |     | 2   | 2   |     |     |   |   |
| 8                           | 2    | 124085-01900 | GUIDE, O-RING        |      |     | 2   | 2   |     |     |   |   |
| 9                           | 2    | 22312-080160 | PARALLEL PIN 8X 16   |      |     | 2   | 2   |     |     |   |   |
| I                           | 9-1  | 2            | 129100-01580         |      |     | 2   | 2   |     |     |   | R |
| (C=E/#E21161) (D=E/#E21177) |      |              |                      |      |     |     |     |     |     |   |   |
| 10                          | 2    | 121450-01990 | PLUG 30              |      |     | 1   | 1   |     |     |   |   |
| 11                          | 2    | 121450-01960 | PLUG PF1/4           |      |     | 1   | 1   |     |     |   |   |
| 12                          | 2    | 121450-01980 | GASKET               |      |     | 1   | 1   |     |     |   |   |
| 13                          | 2    | 171051-01921 | PLUG                 |      |     | 2   | 2   |     |     |   |   |
| 14                          | 2    | 121450-02100 | MAIN METAL           |      |     | 1   | 1   |     |     |   |   |
| 15                          | 1    | 121450-01203 | BOLT, CYL. HEAD      |      |     | 6   | 6   |     |     |   |   |
| 16                          | 1    | 129350-01230 | BOLT, CYL. HEAD      |      |     | 3   | 3   |     |     |   |   |
| 17                          | 1    | 128371-01800 | COCK ASSY 1/4        |      |     | 1   | 1   |     |     |   |   |
| 18                          | 1    | 124160-49480 | JOINT, PIPE          |      |     | 1   | 1   |     |     |   |   |
| 19                          | 1    | 124240-01871 | COVER, HO-P          |      |     | 1   | 1   |     |     |   |   |
| 20                          | 1    | 124240-01883 | GASKET, (NON-ASB.)   |      |     | 1   | 1   |     |     |   |   |
| 21                          | 1    | 23414-080000 | GASKET 8, ROUND      |      |     | 1   | 1   |     |     |   |   |
| 22                          | 1    | 23061-070200 | PIPE 7X 200          |      |     | 1   | 1   |     |     |   |   |
| I                           | 22-1 | 1            | 23061-070300         |      |     | 1   | 1   |     |     |   | R |
| (C=E/#E21555) (D=E/#E21574) |      |              |                      |      |     |     |     |     |     |   |   |
| 23                          | 1    | 124460-77680 | RETAINER             |      |     | 1   | 1   |     |     |   |   |
| 24                          | 1    | 128374-01911 | GASKET, CYL. HEAD    |      |     | 1   | 1   |     |     |   |   |
| 25                          | 1    | 121450-02310 | MAIN METAL 0.25US    |      |     | 1   | 1   |     |     |   | 1 |
| 26                          | 1    | 26106-080142 | BOLT M 8X 14 PLATED  |      |     | 3   | 3   |     |     |   |   |
| 27                          | 1    | 26106-080322 | BOLT M 8X 32 PLATED  |      |     | 1   | 1   |     |     |   |   |

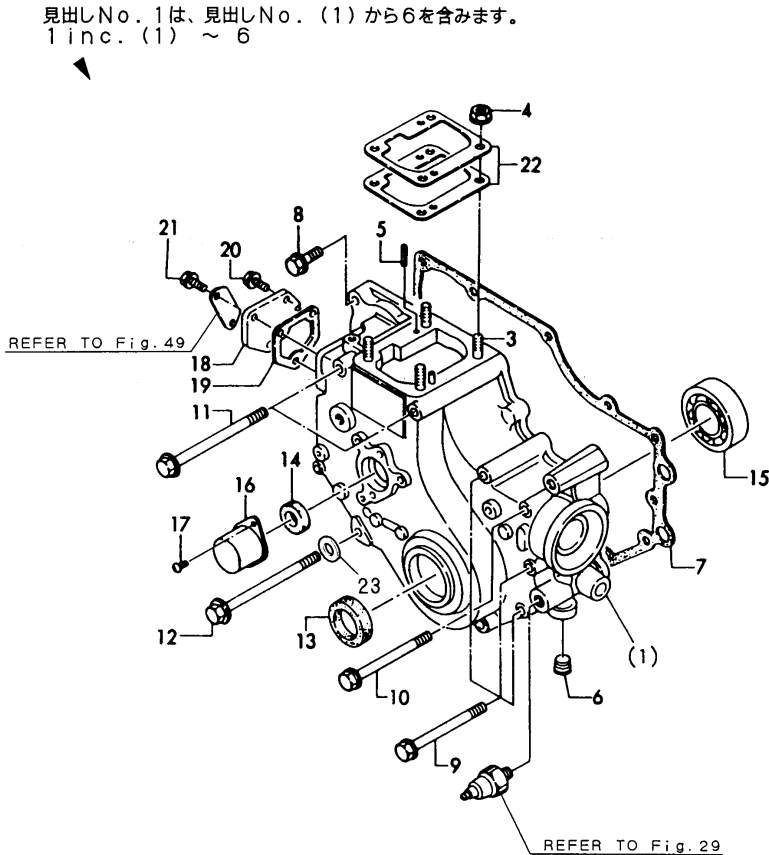
Fig.3. GEAR HOUSING



OCR10-G46001 3. GEAR HOUSING

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728370-01610 | HOUSING ASSY, GEARS | 1    | 1   |     |     |     |     |   |   |
| 3    | 2    | 121450-01560 | STUD M 8X 22        | 4    | 4   |     |     |     |     |   |   |
| 4    | 2    | 26366-080002 | NUT M 8             | 4    | 4   |     |     |     |     |   |   |
| 5    | 2    | 22351-040010 | SPRING PIN 4X10     | 2    | 2   |     |     |     |     |   |   |
| 6    | 2    | 124060-01050 | PLUG PT1/8          | 1    | 1   |     |     |     |     |   |   |
| 7    | 1    | 121575-01511 | GASKET, (NON-ASB.)  | 1    | 1   |     |     |     |     |   |   |
| 8    | 1    | 26106-080302 | BOLT M 8X 30 PLATED | 2    | 2   |     |     |     |     |   |   |
| 9    | 1    | 26106-080852 | BOLT M 8X 85 PLATED | 5    | 5   |     |     |     |     |   |   |
| 10   | 1    | 26106-080902 | BOLT M 8X 90 PLATED | 1    | 1   |     |     |     |     |   |   |
| 11   | 1    | 26106-081152 | BOLT M 8X115 PLATED | 2    | 2   |     |     |     |     |   |   |
| 12   | 1    | 26106-081202 | BOLT M 8X120 PLATED | 2    | 2   |     |     |     |     |   |   |
| 13   | 1    | 121450-01801 | SEAL TC25 40 8, OIL | 1    | 1   |     |     |     |     |   |   |
| 14   | 1    | 128270-01820 | SEAL SC16 28 6, OIL | 1    | 1   |     |     |     |     |   |   |
| 15   | 1    | 24101-063050 | BALL BEARING        | 1    | 1   |     |     |     |     |   |   |
| 16   | 1    | 128170-01830 | BRACKET (B), REAR   | 1    | 1   |     |     |     |     |   |   |
| 17   | 1    | 26557-060102 | SCREW 6X10          | 2    | 2   |     |     |     |     |   |   |
| 18   | 1    | 121000-01850 | COVER, CYL BLOCK    | 1    | 1   |     |     |     |     |   |   |
| 19   | 1    | 121575-01861 | GASKET, (NON-ASB.)  | 1    | 1   |     |     |     |     |   |   |
| 20   | 1    | 26106-060122 | BOLT M 6X 12 PLATED | 1    | 1   |     |     |     |     |   |   |
| 21   | 1    | 26106-060142 | BOLT M 6X 14 PLATED | 2    | 2   |     |     |     |     |   |   |
| 22   | 1    | 121450-01951 | SHIM SET            | 1    | 1   |     |     |     |     |   |   |
| 23   | 1    | 22137-080000 | WASHER 8, POLISHED  | 2    | 2   |     |     |     |     |   |   |

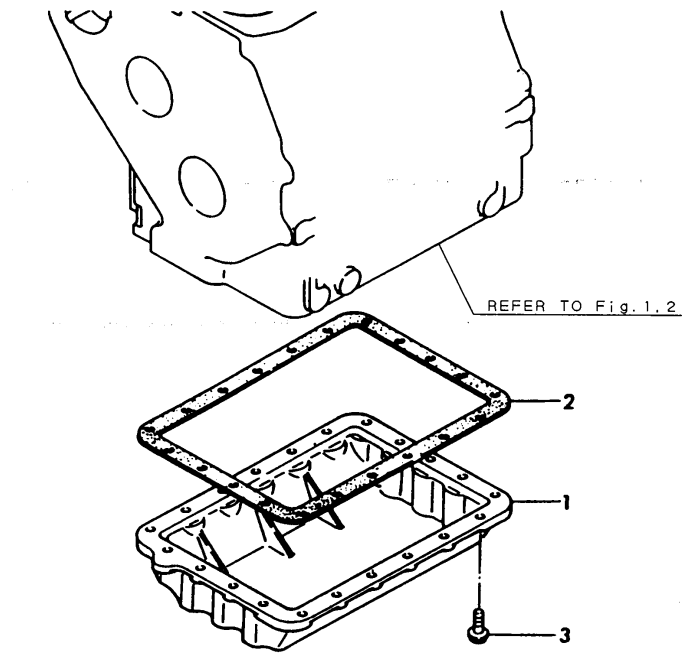
Fig.4. GEAR HOUSING



OCR10-G46001 4. GEAR HOUSING

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728370-01610 | HOUSING ASSY, GEARS |      |     | 1   | 1   |     |     |   |   |
| 3    | 2    | 121450-01560 | STUD M 8X 22        |      |     | 4   | 4   |     |     |   |   |
| 4    | 2    | 26366-080002 | NUT M 8             |      |     | 4   | 4   |     |     |   |   |
| 5    | 2    | 22351-040010 | SPRING PIN 4X10     |      |     | 2   | 2   |     |     |   |   |
| 6    | 2    | 124060-01050 | PLUG PT1/8          |      |     | 1   | 1   |     |     |   |   |
| 7    | 1    | 121575-01511 | GASKET, (NON-ASB.)  |      |     | 1   | 1   |     |     |   |   |
| 8    | 1    | 26106-080302 | BOLT M 8X 30 PLATED |      |     | 2   | 2   |     |     |   |   |
| 9    | 1    | 26106-080852 | BOLT M 8X 85 PLATED |      |     | 5   | 5   |     |     |   |   |
| 10   | 1    | 26106-080902 | BOLT M 8X 90 PLATED |      |     | 1   | 1   |     |     |   |   |
| 11   | 1    | 26106-081152 | BOLT M 8X115 PLATED |      |     | 2   | 2   |     |     |   |   |
| 12   | 1    | 26106-081202 | BOLT M 8X120 PLATED |      |     | 2   | 2   |     |     |   |   |
| 13   | 1    | 121450-01801 | SEAL TC25 40 8, OIL |      |     | 1   | 1   |     |     |   |   |
| 14   | 1    | 128270-01820 | SEAL SC16 28 6, OIL |      |     | 1   | 1   |     |     |   |   |
| 15   | 1    | 24101-063050 | BALL BEARING        |      |     | 1   | 1   |     |     |   |   |
| 16   | 1    | 128670-01830 | COVER, BLIND        |      |     | 1   | 1   |     |     |   |   |
| 17   | 1    | 26557-060102 | SCREW 6X10          |      |     | 2   | 2   |     |     |   |   |
| 18   | 1    | 121000-01850 | COVER, CYL BLOCK    |      |     | 1   | 1   |     |     |   |   |
| 19   | 1    | 121575-01861 | GASKET, (NON-ASB.)  |      |     | 1   | 1   |     |     |   |   |
| 20   | 1    | 26106-060122 | BOLT M 6X 12 PLATED |      |     | 1   | 1   |     |     |   |   |
| 21   | 1    | 26106-060142 | BOLT M 6X 14 PLATED |      |     | 2   | 2   |     |     |   |   |
| 22   | 1    | 121450-01951 | SHIM SET            |      |     | 1   | 1   |     |     |   |   |
| 23   | 1    | 22137-080000 | WASHER 8, POLISHED  |      |     | 2   | 2   |     |     |   |   |

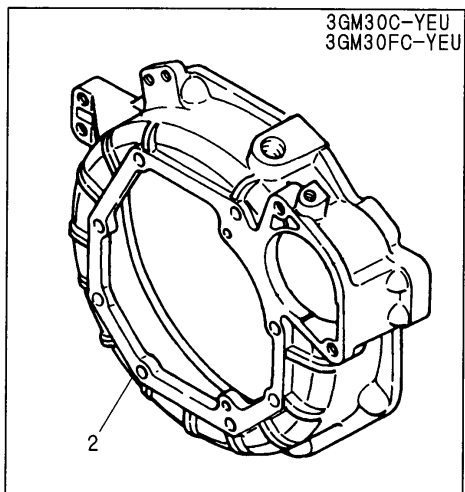
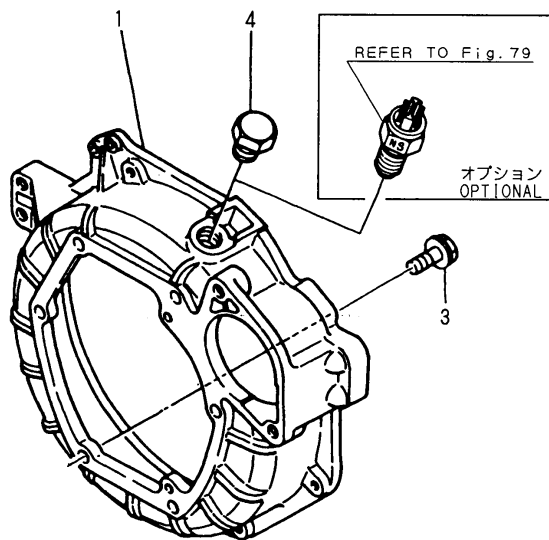
Fig.5. LUB. OIL SUMP



OCR10-G46001 5. LUB. OIL SUMP

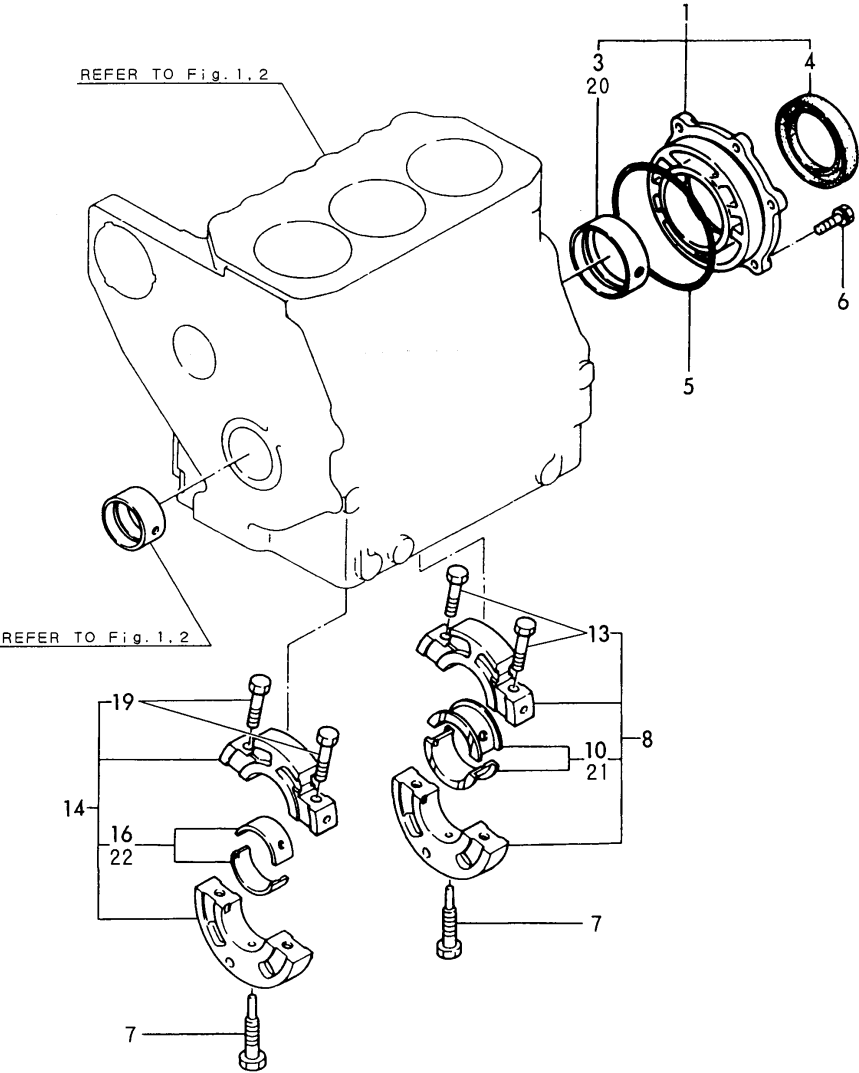
(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION      | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                  | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-01720 | PAN, LUB OIL     | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 121450-01751 | GASKET, OIL SUMP | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 26014-060202 | BOLT M 6X 20     | 21   | 21  | 21  | 21  |     |     |   |   |



| REF. | LEV. | PARTS NO.    | DESCRIPTION         | QTY |     |     |     |     |     |
|------|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|
|      |      |              |                     | (A) | (B) | (C) | (D) | (E) | (F) |
| 1    | 1    | 128170-01600 | FLANGE, MOUNTING    | 1   |     | 1   |     |     |     |
| 2    | 1    | 128371-01601 | HOUSING, FLYWHEEL   |     | 1   |     | 1   |     |     |
| 3    | 1    | 26106-100252 | BOLT M10X 25 PLATED | 6   | 8   | 6   | 8   |     |     |
| 4    | 1    | 23887-180002 | PLUG 18             | 1   | 1   | 1   | 1   |     |     |

Fig.7. MAIN METAL HOUSING

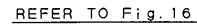


Remarks  
(1)UNDER SIZED(U.S.=0.25) PART.

OCR10-G46001 7. MAIN METAL HOUSING

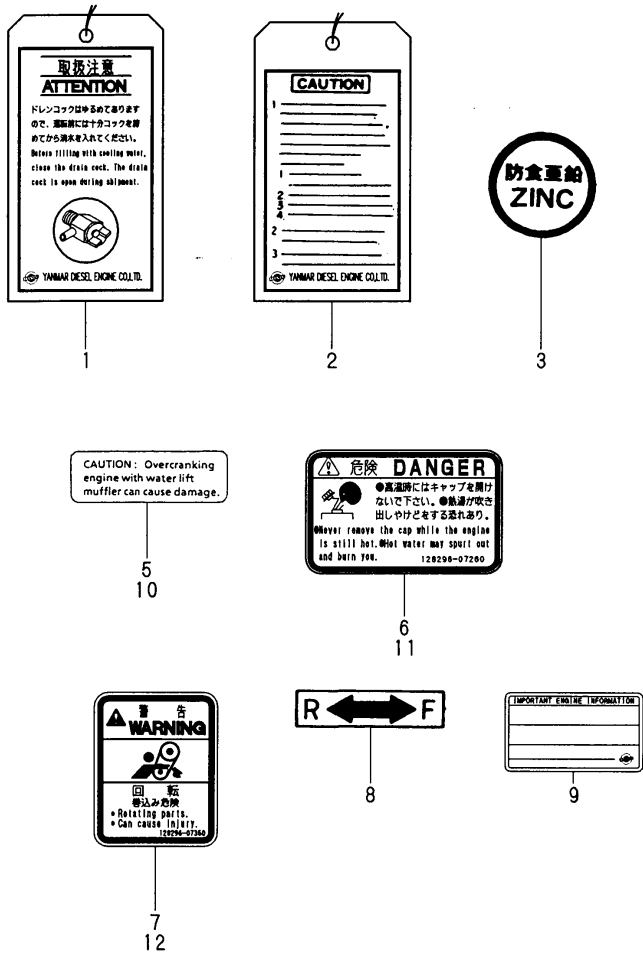
(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 721450-02500 | HOUSING ASSY METAL  | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 121450-02110 | MAIN METAL          | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 124085-02220 | SEAL, OIL           | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 1    | 105225-02020 | O-RING              | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 1    | 26013-080202 | BOLT W/WASHER M8X20 | 6    | 6   | 6   | 6   |     |     |   |   |
| 7    | 1    | 105225-02300 | BOLT                | 2    | 2   | 2   | 2   |     |     |   |   |
| 8    | 1    | 721450-02611 | HOUSING ASSY        | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 2    | 121450-02160 | MAIN METAL(1)       | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 2    | 121450-02071 | BOLT                | 2    | 2   | 2   | 2   |     |     |   |   |
| 14   | 1    | 721450-02621 | HOUSING ASSY        | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 2    | 121450-02170 | MAIN METAL(2)       | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | 121450-02071 | BOLT                | 2    | 2   | 2   | 2   |     |     |   |   |
| 20   | 1    | 121450-02320 | MAIN METAL 0.25US   | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 21   | 1    | 121450-02370 | MAIN METAL 0.25US   | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 22   | 1    | 121450-02380 | MAIN METAL 0.25US   | 1    | 1   | 1   | 1   |     |     |   | 1 |



N:Old  $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$  New, Q:Old  $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$  New, R:Old  $\begin{matrix} \text{Yes} \\ \text{Yes} \end{matrix}$  New, S:Old  $\begin{matrix} \text{No} \\ \text{No} \end{matrix}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
(C)Copy Rights YANMAR CO.,LTD.

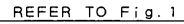
OCR10-G46001  
Fig.9. LABEL

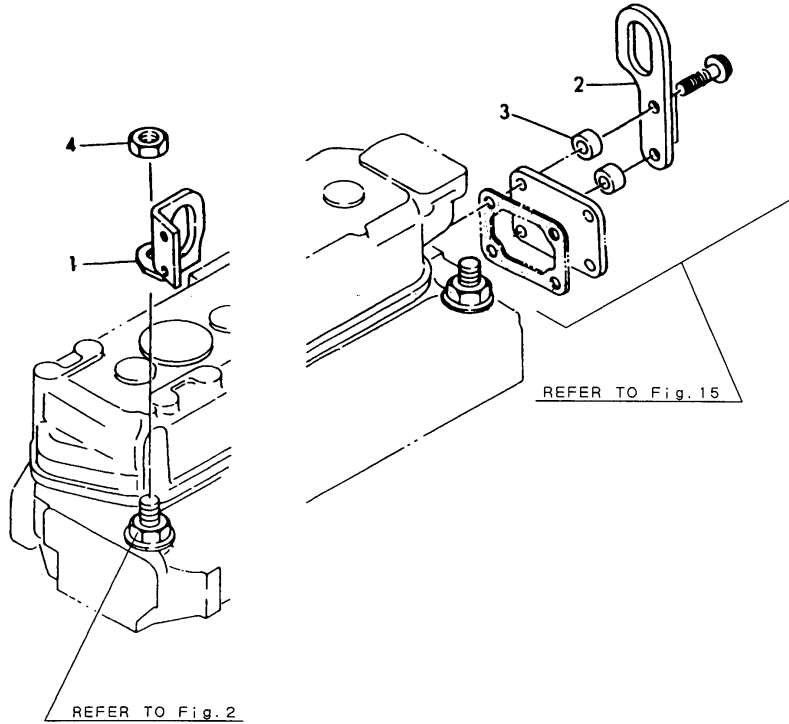


Remarks  
(1)REPAIR PART

OCR10-G46001 9. LABEL

| REF.  | LEV. | PARTS NO.                                               | DESCRIPTION     | Q'TY |     |     |     |     |     | I | R   |
|-------|------|---------------------------------------------------------|-----------------|------|-----|-----|-----|-----|-----|---|-----|
|       |      |                                                         |                 | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1     | 1    | 123682-07851                                            | LABEL, CW. TANK |      |     | 1   | 1   |     |     |   |     |
| 2     | 1    | 128170-07850                                            | LABEL, CAUTION  | 1    | 1   |     |     |     |     |   |     |
| 3     | 1    | 124220-09340                                            | LABEL           | 3    | 3   |     |     |     |     |   |     |
| 5     | 1    | 128171-07150                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   |     |
| I 5-1 | 1    | 128377-07150                                            | CAUTION LABEL   | 1    | 1   | 1   | 1   |     |     |   | R   |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |
| 6     | 1    | 128296-07260                                            | LABEL,DANGER    | 1    | 1   | 1   | 1   |     |     |   |     |
| I 6-1 | 1    | 128377-07260                                            | LABEL,DANGER    | 1    | 1   | 1   | 1   |     |     |   | R   |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |
| 7     | 1    | 128296-07350                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   |     |
| I 7-1 | 1    | 128377-07350                                            | LABEL,WARNING   | 1    | 1   | 1   | 1   |     |     |   | R   |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |
| 8     | 1    | 177088-02430                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   |     |
| I 9   | 1    | 128377-07700                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   | W   |
|       |      | (A=*1999.01) (B=*1999.01) (C=*1999.01) (D=*1999.01)     |                 |      |     |     |     |     |     |   |     |
| I 10  | 1    | 128171-07150                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   | W 1 |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |
| I 11  | 1    | 128296-07260                                            | LABEL,DANGER    | 1    | 1   | 1   | 1   |     |     |   | W 1 |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |
| I 12  | 1    | 128296-07350                                            | LABEL           | 1    | 1   | 1   | 1   |     |     |   | W 1 |
|       |      | (A=E/#E21613) (B=E/#E21579) (C=E/#E21555) (D=E/#E21574) |                 |      |     |     |     |     |     |   |     |

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

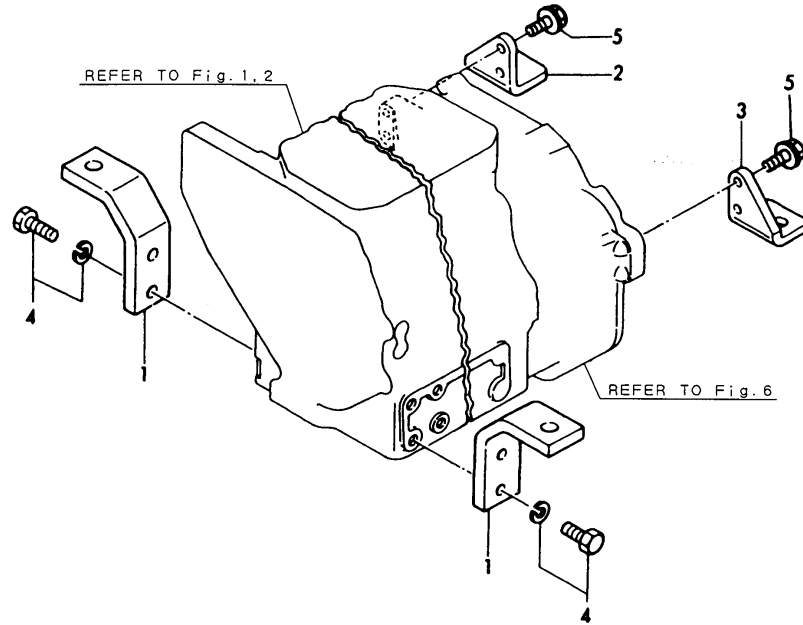


0CR10-G46001 11. ENGINE LIFTER

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | QTY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A) | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128695-07230 | LIFTER, ENGINE      |     |     | 1   | 1   |     |     |   |   |
| 2    | 1    | 121575-07240 | LIFTER, ENGINE      |     |     | 1   | 1   |     |     |   |   |
| 3    | 1    | 123372-03150 | SPACER              |     |     | 2   | 2   |     |     |   |   |
| 4    | 1    | 26776-120002 | LOCK NUT M12 PLATED |     |     | 1   | 1   |     |     |   |   |



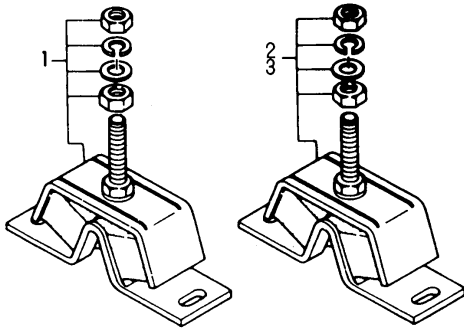
## 0CR10-G46001 12. ENGINE BRACKET

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     | I R |     |  |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|--|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |  |
| 1    | 1    | 128377-08100 | BRACKET (A), ENGINE  | 2    | 2   | 2   | 2   |     |     |  |
| 2    | 1    | 128377-08120 | BRACEKT (A), REAR    | 1    | 1   | 1   | 1   |     |     |  |
| 3    | 1    | 128377-08130 | BRACKET(B), REAR     | 1    | 1   | 1   | 1   |     |     |  |
| 4    | 1    | 26013-120302 | BOLT W/WASHER M12X30 | 4    | 4   | 4   | 4   |     |     |  |
| 5    | 1    | 26106-100252 | BOLT M10X 25 PLATED  | 4    | 4   | 4   | 4   |     |     |  |

Fig.13. ENGINE BRACKET(SHOCK ABSORBER)

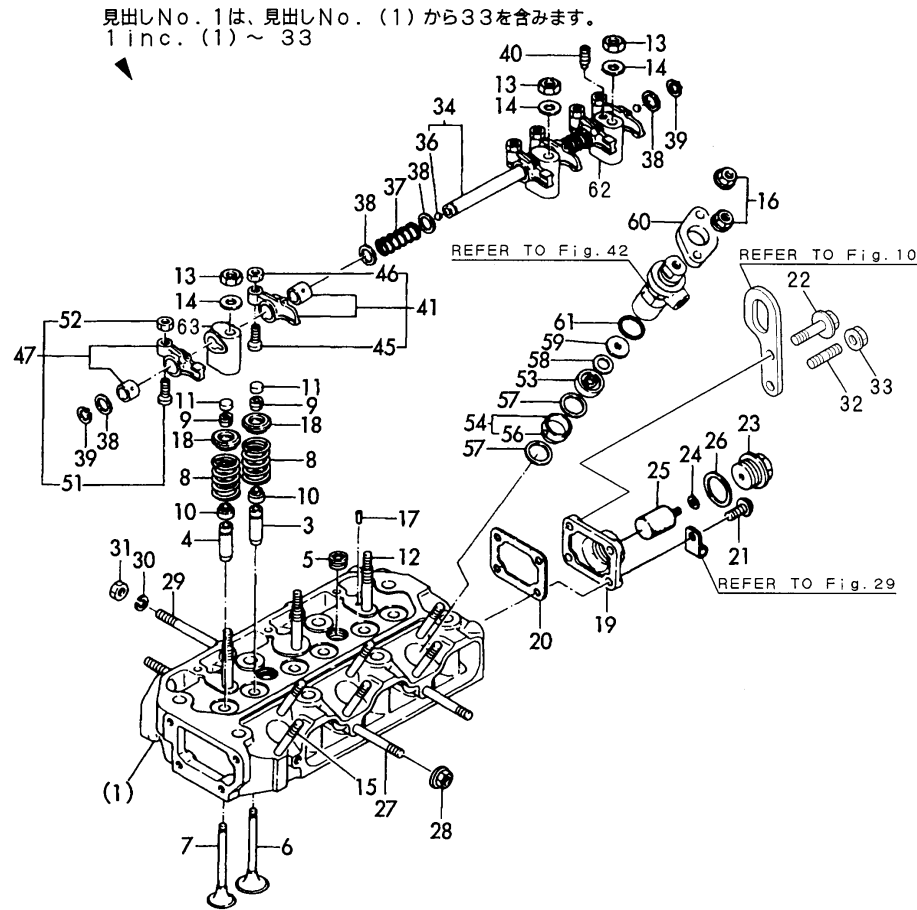


OCR10-G46001 13. ENGINE BRACKET(SHOCK ABSORBER)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION        | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128377-08340 | MOUNTING, FLEX.75  | 2    | 2   | 2   | 2   |     |     |   |   |
| 2    | 1    | 128377-08350 | MOUNTING, FLEX.100 | 2    | 2   | 2   | 2   |     |     |   |   |
| 3    | 1    | 128377-08350 | MOUNTING, FLEX.100 | 4    | 4   | 4   | 4   |     |     |   |   |

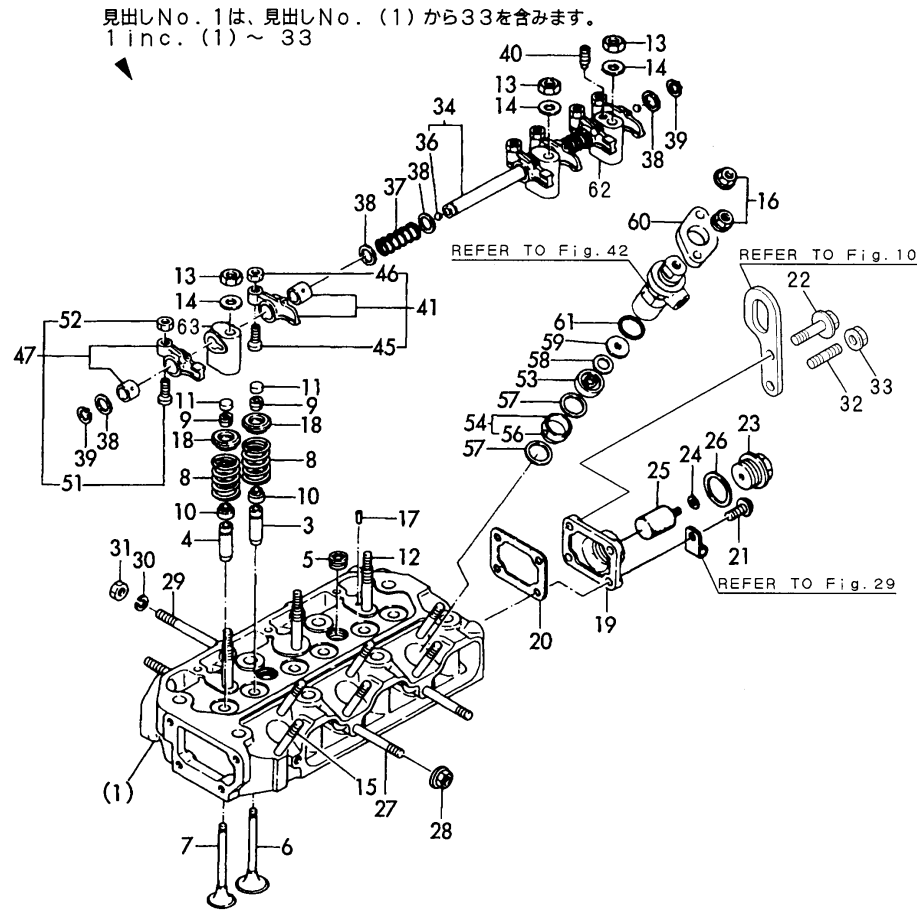
Fig.14. CYLINDER HEAD



OCR10-G46001 14. CYLINDER HEAD

| REF.                        | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|-----------------------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|                             |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                           | 1    | 728372-11700 | HEAD ASSY, CYLINDER  | 1    | 1   |     |     |     |     |   |   |
| 3                           | 3    | 124060-11160 | GUIDE, VALVE         | 3    | 3   |     |     |     |     |   |   |
| 4                           | 3    | 128272-11170 | GUIDE, VALVE         | 3    | 3   |     |     |     |     |   |   |
| 5                           | 3    | 23871-030000 | PLUG PT3/8,SCREW     | 2    | 2   |     |     |     |     |   |   |
| 6                           | 2    | 105225-11100 | VALVE, SUCTION       | 3    | 3   |     |     |     |     |   |   |
| 7                           | 2    | 105225-11110 | VALVE, EXHAUST       | 3    | 3   |     |     |     |     |   |   |
| 8                           | 2    | 121575-11121 | SPRING, VALVE        | 6    | 6   |     |     |     |     |   |   |
| 9                           | 2    | 27310-070001 | COTTER ASSY          | 6    | 6   |     |     |     |     |   |   |
| 10                          | 2    | 124950-11340 | SEAL, VALVE STEM     | 6    | 6   |     |     |     |     |   |   |
| 11                          | 2    | 104211-11370 | CAP, VALVE           | 6    | 6   |     |     |     |     |   |   |
| 12                          | 2    | 105225-11350 | STUD, SUPPORT        | 3    | 3   |     |     |     |     |   |   |
| 13                          | 2    | 26696-100002 | NUT M10              | 3    | 3   |     |     |     |     |   |   |
| 14                          | 2    | 22137-100000 | WASHER 10,POLISHED   | 3    | 3   |     |     |     |     |   |   |
| 15                          | 2    | 26216-080652 | STUD M 8X 65 PLATED  | 6    | 6   |     |     |     |     |   |   |
| 16                          | 2    | 26366-080002 | NUT M 8              | 6    | 6   |     |     |     |     |   |   |
| 17                          | 2    | 121000-11050 | PIN 4.5X10           | 1    | 1   |     |     |     |     |   |   |
| 18                          | 2    | 104200-11180 | RETAINER, SPRING     | 6    | 6   |     |     |     |     |   |   |
| 19                          | 2    | 121575-11670 | COVER                | 1    | 1   |     |     |     |     |   |   |
| 20                          | 2    | 121450-11681 | GASKET, (NON-ASB.)   | 1    | 1   |     |     |     |     |   |   |
| 21                          | 2    | 26106-080302 | BOLT M 8X 30 PLATED  | 2    | 2   |     |     |     |     |   |   |
| 21-1                        | 2    | 26106-080302 | BOLT M 8X 30 PLATED  | 1    | 1   |     |     |     |     |   | K |
| (A=E/#E21029) (B=E/#E20983) |      |              |                      |      |     |     |     |     |     |   |   |
| 22                          | 2    | 26106-080352 | BOLT M 8X 35 PLATED  | 2    | 2   |     |     |     |     |   |   |
| 23                          | 2    | 122780-09320 | PLUG                 | 1    | 1   |     |     |     |     |   |   |
| 24                          | 2    | 123210-09310 | PACKING              | 1    | 1   |     |     |     |     |   |   |
| 25                          | 2    | 27210-200300 | ZINC, ANTI-CORROSIVE | 1    | 1   |     |     |     |     |   |   |
| 26                          | 2    | 23414-250000 | GASKET 25,ROUND      | 1    | 1   |     |     |     |     |   |   |
| 27                          | 2    | 26217-080552 | STUD M 8X 55 PLATED  | 2    | 2   |     |     |     |     |   |   |
| 28                          | 2    | 26366-080002 | NUT M 8              | 2    | 2   |     |     |     |     |   |   |
| 29                          | 2    | 128670-13350 | STUD M 8X80          | 2    | 2   |     |     |     |     |   |   |
| 30                          | 2    | 22217-080000 | SPRING WASHER 8      | 6    | 6   |     |     |     |     |   |   |
| 31                          | 2    | 26703-080002 | NUT M 8              | 2    | 2   |     |     |     |     |   |   |
| 32                          | 2    | 26216-080352 | STUD M 8X 35 PLATED  | 1    | 1   |     |     |     |     |   | W |
| (A=E/#E21029) (B=E/#E20983) |      |              |                      |      |     |     |     |     |     |   |   |
| 33                          | 2    | 26366-080002 | NUT M 8              | 1    | 1   |     |     |     |     |   | W |
| (A=E/#E21029) (B=E/#E20983) |      |              |                      |      |     |     |     |     |     |   |   |
| 34                          | 1    | 121450-11240 | SHAFT, ROCKER ARM    | 1    | 1   |     |     |     |     |   |   |
| 36                          | 2    | 24190-110001 | BALL 11/32, STEEL    | 2    | 2   |     |     |     |     |   |   |
| 37                          | 1    | 121550-11280 | SPRING               | 2    | 2   |     |     |     |     |   |   |
| 38                          | 1    | 121550-11290 | WASHER               | 6    | 6   |     |     |     |     |   |   |
| 39                          | 1    | 22242-000140 | CIRCLIP 14           | 2    | 2   |     |     |     |     |   |   |
| 40                          | 1    | 26921-080102 | SET SCREW M 8X 10    | 1    | 1   |     |     |     |     |   |   |
| I 40-1                      | 1    | 128370-11290 | SCREW                | 1    | 1   |     |     |     |     |   | R |
| (A=E/#E21261) (B=E/#E21165) |      |              |                      |      |     |     |     |     |     |   |   |
| 41                          | 1    | 721450-11650 | ARM ASSY, ROCKER     | 3    | 3   |     |     |     |     |   |   |
| 45                          | 2    | 101158-11230 | SCREW, VALVE         | 3    | 3   |     |     |     |     |   |   |
| 46                          | 2    | 26756-080002 | LOCK NUT M 8 PLATED  | 3    | 3   |     |     |     |     |   |   |
| 47                          | 1    | 721450-11660 | ARM ASSY, ROCKER     | 3    | 3   |     |     |     |     |   |   |
| 51                          | 2    | 101158-11230 | SCREW, VALVE         | 3    | 3   |     |     |     |     |   |   |
| 52                          | 2    | 26756-080002 | LOCK NUT M 8 PLATED  | 3    | 3   |     |     |     |     |   |   |
| 53                          | 1    | 128275-11410 | CHAMBER, REAR        | 3    | 3   |     |     |     |     |   |   |

Fig.14. CYLINDER HEAD

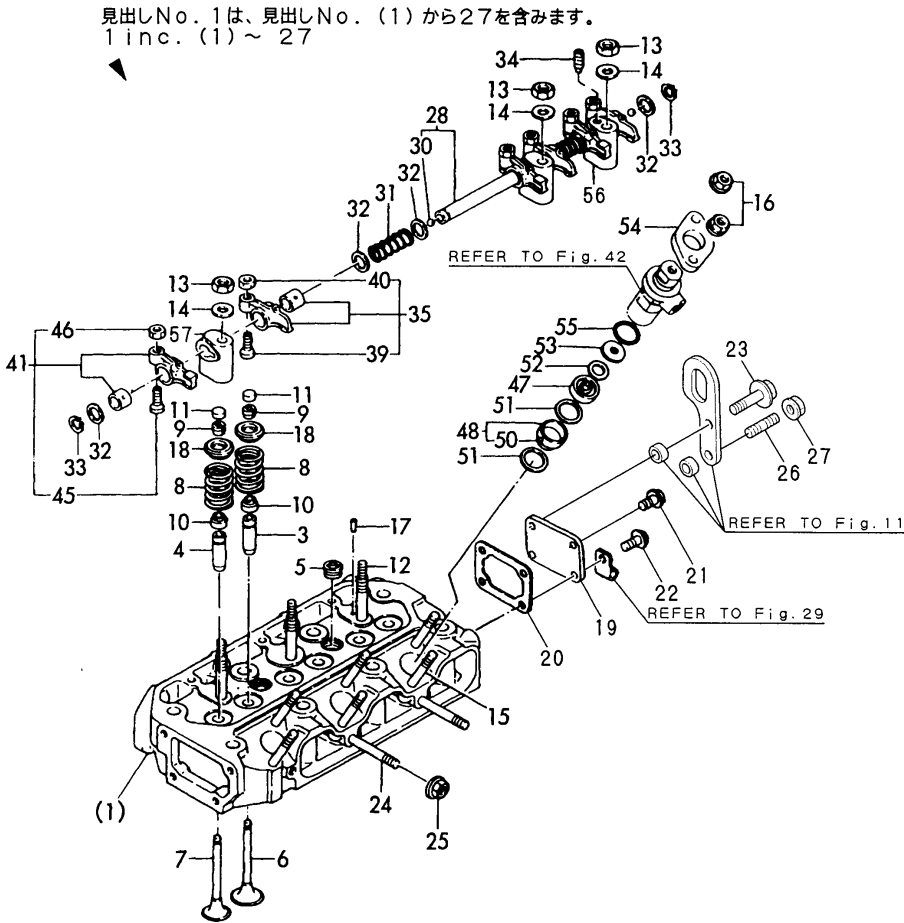


(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 54   | 1    | 105311-11420 | CHAMBER, FRONT      | 3    | 3   |     |     |     |     |   |   |
| 56   | 2    | 103338-11430 | PIN                 | 3    | 3   |     |     |     |     |   |   |
| 57   | 1    | 124950-11450 | GASKET, CHAMBER     | 6    | 6   |     |     |     |     |   |   |
| 58   | 1    | 128275-11490 | INSULATOR           | 3    | 3   |     |     |     |     |   |   |
| 59   | 1    | 128275-11500 | COVER               | 3    | 3   |     |     |     |     |   |   |
| 60   | 1    | 101147-11900 | FLANGE              | 3    | 3   |     |     |     |     |   |   |
| 61   | 1    | 24341-000260 | O-RING 1A S-26.0    | 3    | 3   |     |     |     |     |   |   |
| 62   | 1    | 121450-11260 | SUPPORT, ROCKER ARM | 1    | 1   |     |     |     |     |   |   |
| 63   | 1    | 121450-11270 | SUPPORT, ROCKER ARM | 2    | 2   |     |     |     |     |   |   |

Blank area for additional notes or specifications.

Fig.15. CYLINDER HEAD



OCR10-G46001 15. CYLINDER HEAD

| REF. | LEV. | PARTS NO.    | DESCRIPTION                                        | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------------------------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                                                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728391-11700 | HEAD ASSY, CYLINDER                                |      |     | 1   | 1   |     |     |   |   |
| 3    | 3    | 124060-11160 | GUIDE, VALVE                                       |      |     | 3   | 3   |     |     |   |   |
| 4    | 3    | 128272-11170 | GUIDE, VALVE                                       |      |     | 3   | 3   |     |     |   |   |
| 5    | 3    | 23871-030000 | PLUG PT3/8,SCREW                                   |      |     | 2   | 2   |     |     |   |   |
| 6    | 2    | 105225-11100 | VALVE, SUCTION                                     |      |     | 3   | 3   |     |     |   |   |
| 7    | 2    | 105225-11110 | VALVE, EXHAUST                                     |      |     | 3   | 3   |     |     |   |   |
| 8    | 2    | 121575-11121 | SPRING, VALVE                                      |      |     | 6   | 6   |     |     |   |   |
| 9    | 2    | 27310-070001 | COTTER ASSY                                        |      |     | 6   | 6   |     |     |   |   |
| 10   | 2    | 124950-11340 | SEAL, VALVE STEM                                   |      |     | 6   | 6   |     |     |   |   |
| 11   | 2    | 104211-11370 | CAP, VALVE                                         |      |     | 6   | 6   |     |     |   |   |
| 12   | 2    | 105225-11350 | STUD, SUPPORT                                      |      |     | 3   | 3   |     |     |   |   |
| 13   | 2    | 26696-100002 | NUT M10                                            |      |     | 3   | 3   |     |     |   |   |
| 14   | 2    | 22137-100000 | WASHER 10,POLISHED                                 |      |     | 3   | 3   |     |     |   |   |
| 15   | 2    | 26216-080652 | STUD M 8X 65 PLATED                                |      |     | 6   | 6   |     |     |   |   |
| 16   | 2    | 26366-080002 | NUT M 8                                            |      |     | 6   | 6   |     |     |   |   |
| 17   | 2    | 121000-11050 | PIN 4.5X10                                         |      |     | 1   | 1   |     |     |   |   |
| 18   | 2    | 104200-11180 | RETAINER, SPRING                                   |      |     | 6   | 6   |     |     |   |   |
| 19   | 2    | 121450-11670 | COVER                                              |      |     | 1   | 1   |     |     |   |   |
| 20   | 2    | 121450-11681 | GASKET, (NON-ASB.)                                 |      |     | 1   | 1   |     |     |   |   |
| 21   | 2    | 26106-080122 | BOLT M 8X 12 PLATED                                |      |     | 1   | 1   |     |     |   |   |
| 22   | 2    | 26106-080142 | BOLT M 8X 14 PLATED                                |      |     | 1   | 1   |     |     |   |   |
| 23   | 2    | 26106-080252 | BOLT M 8X 25 PLATED                                |      |     | 2   | 2   |     |     |   |   |
| 23-1 | 2    | 26106-080252 | BOLT M 8X 25 PLATED<br>(C=E/#E20804) (D=E/#E20805) |      |     | 1   | 1   |     |     |   | K |
| 24   | 2    | 26217-080552 | STUD M 8X 55 PLATED                                |      |     | 2   | 2   |     |     |   |   |
| 25   | 2    | 26366-080002 | NUT M 8                                            |      |     | 2   | 2   |     |     |   |   |
| 26   | 2    | 26216-080352 | STUD M 8X 35 PLATED<br>(C=E/#E20804) (D=E/#E20805) |      |     | 1   | 1   |     |     |   | W |
| 27   | 2    | 26366-080002 | NUT M 8<br>(C=E/#E20804) (D=E/#E20805)             |      |     | 1   | 1   |     |     |   | W |
| 28   | 1    | 121450-11240 | SHAFT, ROCKER ARM                                  |      |     | 1   | 1   |     |     |   |   |
| 30   | 2    | 24190-110001 | BALL 11/32, STEEL                                  |      |     | 2   | 2   |     |     |   |   |
| 31   | 1    | 121550-11280 | SPRING                                             |      |     | 2   | 2   |     |     |   |   |
| 32   | 1    | 121550-11290 | WASHER                                             |      |     | 6   | 6   |     |     |   |   |
| 33   | 1    | 22242-000140 | CIRCLIP 14                                         |      |     | 2   | 2   |     |     |   |   |
| 34   | 1    | 26921-080102 | SET SCREW M 8X 10                                  |      |     | 1   | 1   |     |     |   |   |
| 34-1 | 1    | 128370-11290 | SCREW<br>(C=E/#E21161) (D=E/#E21177)               |      |     | 1   | 1   |     |     |   | R |
| 35   | 1    | 721450-11650 | ARM ASSY, ROCKER                                   |      |     | 3   | 3   |     |     |   |   |
| 39   | 2    | 101158-11230 | SCREW, VALVE                                       |      |     | 3   | 3   |     |     |   |   |
| 40   | 2    | 26756-080002 | LOCK NUT M 8 PLATED                                |      |     | 3   | 3   |     |     |   |   |
| 41   | 1    | 721450-11660 | ARM ASSY, ROCKER                                   |      |     | 3   | 3   |     |     |   |   |
| 45   | 2    | 101158-11230 | SCREW, VALVE                                       |      |     | 3   | 3   |     |     |   |   |
| 46   | 2    | 26756-080002 | LOCK NUT M 8 PLATED                                |      |     | 3   | 3   |     |     |   |   |
| 47   | 1    | 128275-11410 | CHAMBER, REAR                                      |      |     | 3   | 3   |     |     |   |   |
| 48   | 1    | 105311-11420 | CHAMBER, FRONT                                     |      |     | 3   | 3   |     |     |   |   |
| 50   | 2    | 103338-11430 | PIN                                                |      |     | 3   | 3   |     |     |   |   |
| 51   | 1    | 124950-11450 | GASKET, CHAMBER                                    |      |     | 6   | 6   |     |     |   |   |
| 52   | 1    | 128275-11490 | INSULATOR                                          |      |     | 3   | 3   |     |     |   |   |
| 53   | 1    | 128275-11500 | COVER                                              |      |     | 3   | 3   |     |     |   |   |
| 54   | 1    | 101147-11900 | FLANGE                                             |      |     | 3   | 3   |     |     |   |   |

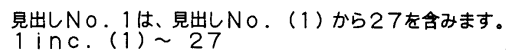
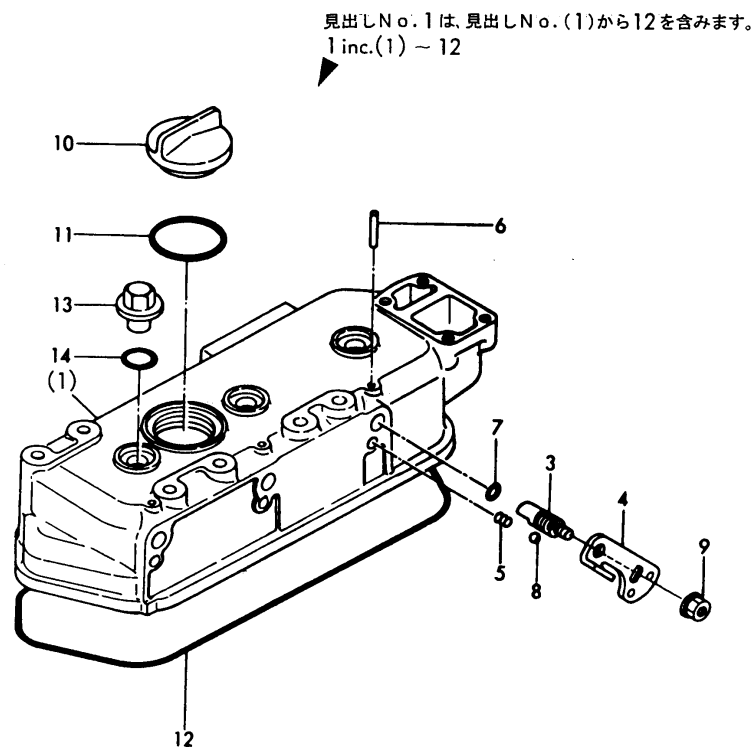
[illegible]

Fig.16. BONNET

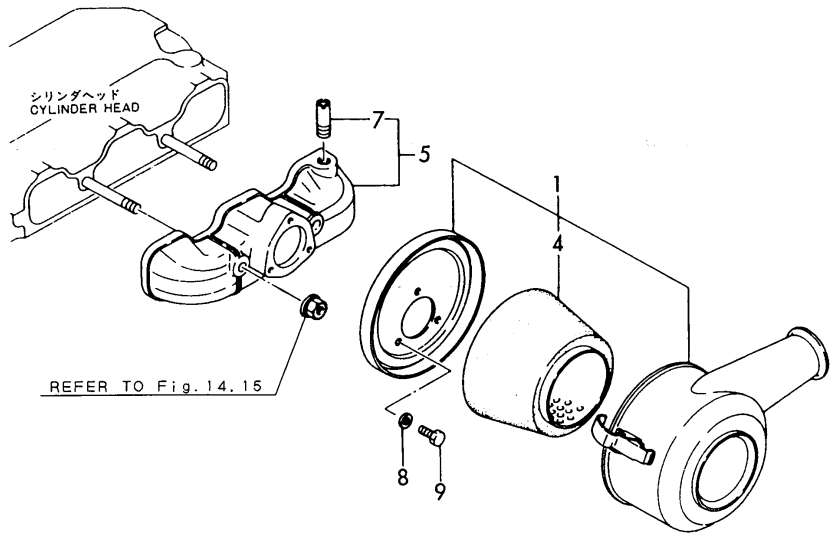


OCR10-G46001 16. BONNET

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728370-11520 | BONNET ASSY, HEAD    | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 128270-03610 | SHAFT, DECOMPRESSION | 3    | 3   | 3   | 3   |     |     |   |   |
| 4    | 2    | 128270-03750 | LEVER, DECOMPRESSION | 3    | 3   | 3   | 3   |     |     |   |   |
| 5    | 2    | 128270-03640 | SPRING               | 3    | 3   | 3   | 3   |     |     |   |   |
| 6    | 2    | 22312-030220 | PARALLEL PIN 3X22    | 3    | 3   | 3   | 3   |     |     |   |   |
| 7    | 2    | 24311-000070 | O-RING 1A P-7.0      | 3    | 3   | 3   | 3   |     |     |   |   |
| 8    | 2    | 24190-080001 | BALL 1/4, STEEL      | 3    | 3   | 3   | 3   |     |     |   |   |
| 9    | 2    | 26366-060002 | NUT M 6              | 3    | 3   | 3   | 3   |     |     |   |   |
| 10   | 2    | 124160-01751 | CAP, LUB.OIL SUPPLY  | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 2    | 24321-000350 | O-RING 1A G-35.0     | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 2    | 121450-11310 | GASKET, BONNET       | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 1    | 124160-11360 | KNOB                 | 3    | 3   | 3   | 3   |     |     |   |   |
| 14   | 1    | 24311-000120 | O-RING 1A P 12.0     | 3    | 3   | 3   | 3   |     |     |   |   |

Fig.17. SUCTION MANIFOLD



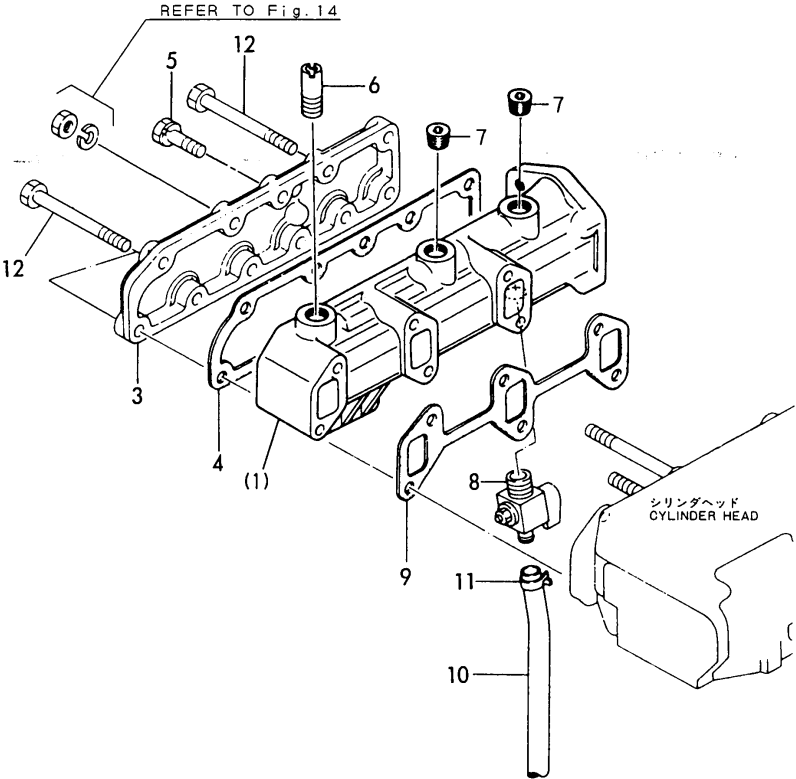
OCR10-G46001 17. SUCTION MANIFOLD

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128377-12500 | SILENCER, AIR INTAKE | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 128377-12530 | ELEMENT, SILENCER    | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 1    | 128370-12730 | MANIFOLD, AIR INTAKE | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 124770-11770 | JOINT PT1/8          | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 1    | 22117-060000 | WASHER 6             | 3    | 3   | 3   | 3   |     |     |   |   |
| 9    | 1    | 26013-060142 | BOLT M 6X 14         | 3    | 3   | 3   | 3   |     |     |   |   |

Fig.18. EXHAUST MANIFOLD

見出しNo. 1は、見出しNo. (1) から8を含みます。  
1 inc. (1) ~ 8

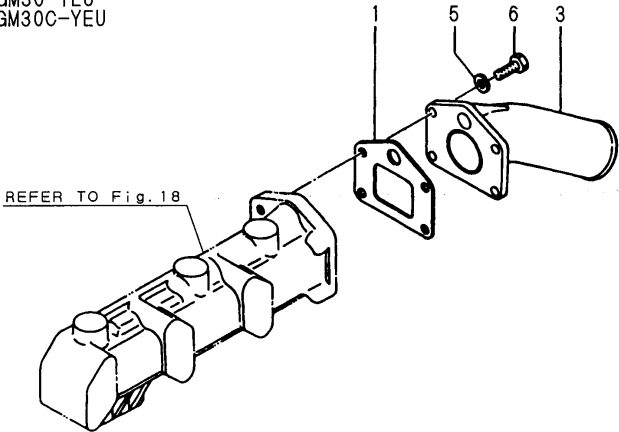


(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

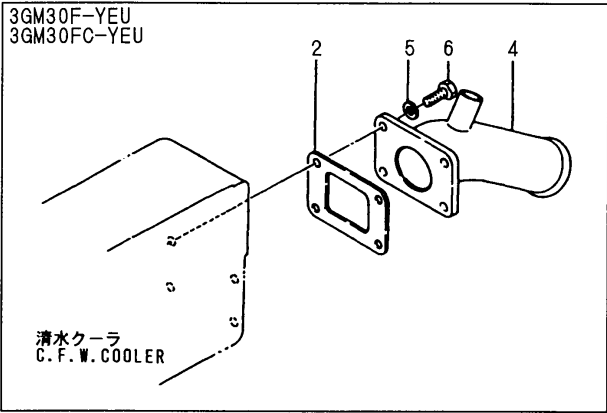
| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728370-13501 | MANIFOLD ASSY, EXH. | 1    | 1   |     |     |     |     |   |   |
| 3    | 2    | 128370-13160 | COVER, MANIFOLD     | 1    | 1   |     |     |     |     |   |   |
| 4    | 2    | 128370-13181 | GASKET, (NON-ASB.)  | 1    | 1   |     |     |     |     |   |   |
| 5    | 2    | 26013-080252 | BOLT M 8X 25        | 5    | 5   |     |     |     |     |   |   |
| 6    | 2    | 127610-42130 | JOINT               | 1    | 1   |     |     |     |     |   |   |
| 7    | 2    | 23871-030000 | PLUG PT3/8,SCREW    | 2    | 2   |     |     |     |     |   |   |
| 8    | 2    | 104200-11920 | COCK                | 1    | 1   |     |     |     |     |   |   |
| 9    | 1    | 121450-13251 | GASKET, (NON-ASB.)  | 1    | 1   |     |     |     |     |   |   |
| 10   | 1    | 23061-100300 | PIPE 10X 300        | 1    | 1   |     |     |     |     |   |   |
| 11   | 1    | 124223-49750 | BAND                | 1    | 1   |     |     |     |     |   |   |
| 12   | 1    | 26115-080802 | BOLT M 8X80         | 4    | 4   |     |     |     |     |   |   |

Fig.19. MIXING ELBOW

3GM30-YEU  
3GM30C-YEU



3GM30F-YEU  
3GM30FC-YEU

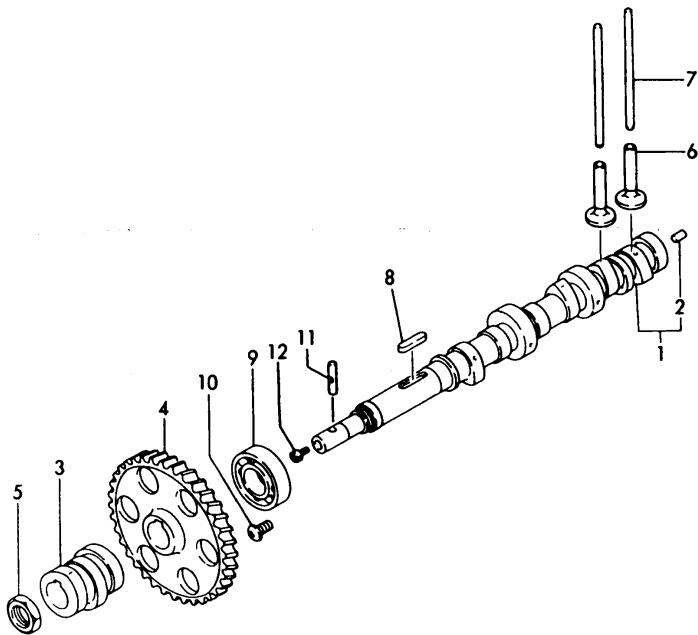


OCR10-G46001 19. MIXING ELBOW

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION        | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-13231 | GASKET             | 1    | 1   |     |     |     |     |   |   |
| 2    | 1    | 128370-13201 | GASKET, (NON-ASB.) |      |     | 1   | 1   |     |     |   |   |
| 3    | 1    | 128377-13530 | ELBOW,MIXING       | 1    | 1   |     |     |     |     |   |   |
| 4    | 1    | 128397-13530 | ELBOW,MIXING       |      |     | 1   | 1   |     |     |   |   |
| 5    | 1    | 22217-080000 | SPRING WASHER 8    | 4    | 4   | 4   | 4   |     |     |   |   |
| 6    | 1    | 26203-080202 | BOLT M 8X 20       | 4    | 4   | 4   | 4   |     |     |   |   |

Fig.20. CAMSHAFT

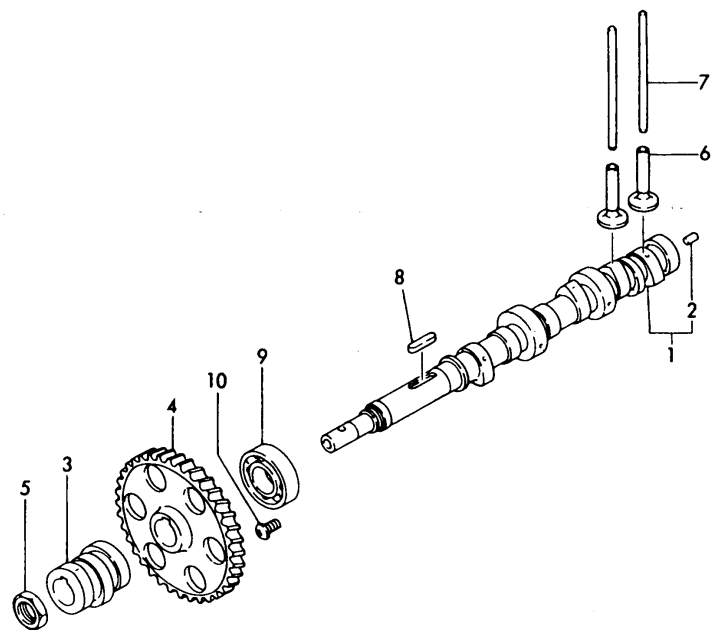


OCR10-G46001 20. CAMSHAFT

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION    | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-14010 | CAMSHAFT       | 1    | 1   |     |     |     |     |   |   |
| 2    | 2    | 121000-14550 | PLUG           | 1    | 1   |     |     |     |     |   |   |
| 3    | 1    | 121575-14090 | CAM, FUEL      | 1    | 1   |     |     |     |     |   |   |
| 4    | 1    | 129350-14100 | GEAR, CAMSHAFT | 1    | 1   |     |     |     |     |   |   |
| 5    | 1    | 128170-14150 | NUT, CAM       | 1    | 1   |     |     |     |     |   |   |
| 6    | 1    | 104200-14200 | TAPPET         | 6    | 6   |     |     |     |     |   |   |
| 7    | 1    | 121450-14400 | ROD, PUSH      | 6    | 6   |     |     |     |     |   |   |
| 8    | 1    | 22512-070300 | KEY 7X 30      | 1    | 1   |     |     |     |     |   |   |
| 9    | 1    | 24101-062054 | BEARING #6205  | 1    | 1   |     |     |     |     |   |   |
| 10   | 1    | 26587-080122 | SCREW M 8X 12  | 1    | 1   |     |     |     |     |   |   |
| 11   | 1    | 124070-14760 | PIN            | 1    | 1   |     |     |     |     |   |   |
| 12   | 1    | 26450-050102 | BOLT M 5X 10   | 1    | 1   |     |     |     |     |   |   |

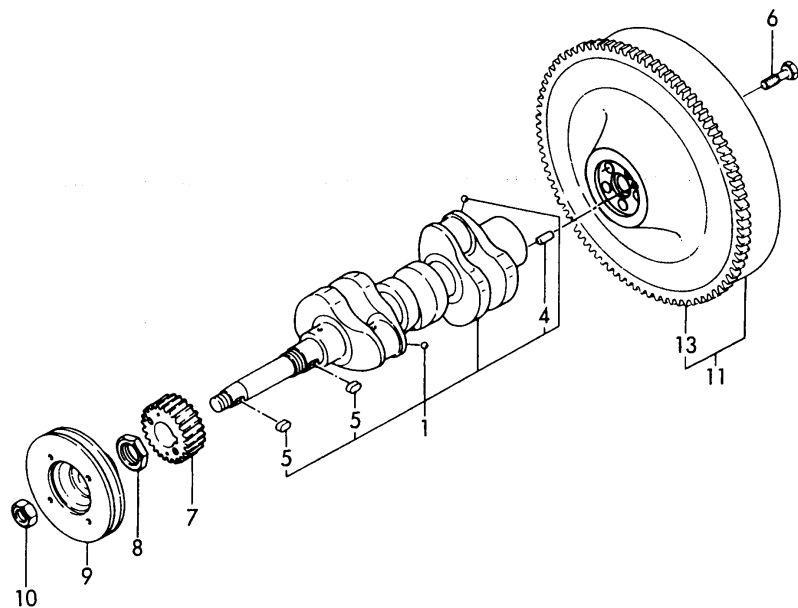
Fig.21. CAMSHAFT



OCR10-G46001 21. CAMSHAFT

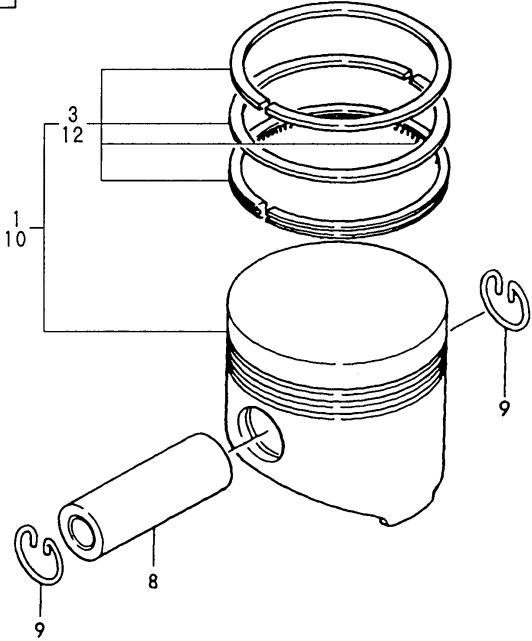
(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION    | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-14010 | CAMSHAFT       |      |     | 1   | 1   |     |     |   |   |
| 2    | 2    | 121000-14550 | PLUG           |      |     | 1   | 1   |     |     |   |   |
| 3    | 1    | 121575-14090 | CAM, FUEL      |      |     | 1   | 1   |     |     |   |   |
| 4    | 1    | 129350-14100 | GEAR, CAMSHAFT |      |     | 1   | 1   |     |     |   |   |
| 5    | 1    | 128170-14150 | NUT, CAM       |      |     | 1   | 1   |     |     |   |   |
| 6    | 1    | 104200-14200 | TAPPET         |      |     | 6   | 6   |     |     |   |   |
| 7    | 1    | 121450-14400 | ROD, PUSH      |      |     | 6   | 6   |     |     |   |   |
| 8    | 1    | 22512-070300 | KEY 7X 30      |      |     | 1   | 1   |     |     |   |   |
| 9    | 1    | 24101-062054 | BEARING #6205  |      |     | 1   | 1   |     |     |   |   |
| 10   | 1    | 26587-080122 | SCREW M 8X 12  |      |     | 1   | 1   |     |     |   |   |



| REF. | LEV. | PARTS NO.      | DESCRIPTION        | QTY                  |                |     |     |     |     | I | R |
|------|------|----------------|--------------------|----------------------|----------------|-----|-----|-----|-----|---|---|
|      |      |                |                    | (A)                  | (B)            | (C) | (D) | (E) | (F) |   |   |
|      | 1    | 721085-21701   | CRANKSHAFT ASSY    | 1                    | 1              | 1   | 1   |     |     |   |   |
|      | 4    | 22312-080160   | PARALLEL PIN 8X 16 | 1                    | 1              | 1   | 1   |     |     |   |   |
| I    | 4-1  | 2              | 129100-01580       | PARALLEL PIN 8X16    | 1              | 1   | 1   | 1   |     |   | R |
|      |      | (A=E/##E21261) | (B=E/##E21165)     | (C=E/##E21161)       | (D=E/##E21177) |     |     |     |     |   |   |
|      | 5    | 2              | 22512-070180       | KEY 7X 18            | 2              | 2   | 2   | 2   |     |   |   |
|      | 6    | 1              | 121574-21500       | BOLT, REAMER         | 5              | 5   | 5   | 5   |     |   |   |
|      | 7    | 1              | 129350-21200       | GEAR, CRANKSHAFT     | 1              | 1   | 1   | 1   |     |   |   |
|      | 8    | 1              | 121450-21541       | NUT, CRANKSHAFT GEAR | 1              | 1   | 1   | 1   |     |   |   |
|      | 9    | 1              | 128370-21650       | V-PULLEY             | 1              | 1   | 1   | 1   |     |   |   |
|      | 10   | 1              | 26776-180002       | NUT M18,LOCK         | 1              | 1   | 1   | 1   |     |   |   |
|      | 11   | 1              | 128371-21590       | FLYWHEEL W/RING GEAR | 1              | 1   | 1   | 1   |     |   |   |
|      | 13   | 2              | 124950-21600       | GEAR, RING           | 1              | 1   | 1   | 1   |     |   |   |

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PUBLISHED:2000/11

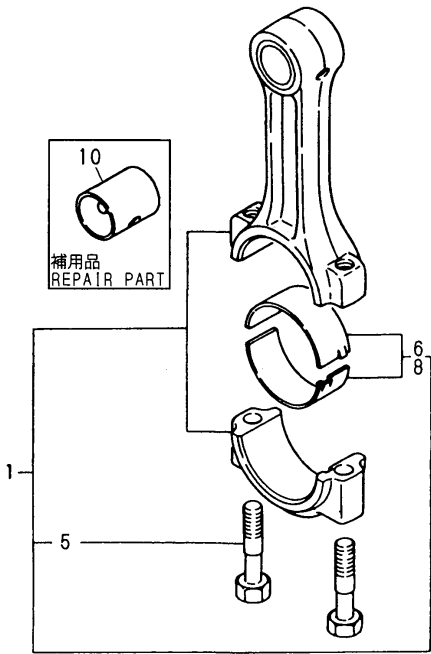


Remarks  
(1)OVER SIZED(O.S=0.25)PART.

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 105311-22090 | PISTON W/RINGS       | 3    | 3   | 3   | 3   |     |     |   |   |
| 3    | 2    | 705311-22500 | RING SET             | 3    | 3   | 3   | 3   |     |     |   |   |
| 8    | 1    | 105225-22300 | PIN, PISTON          | 3    | 3   | 3   | 3   |     |     |   |   |
| 9    | 1    | 105225-22400 | CIRCLIP              | 6    | 6   | 6   | 6   |     |     |   |   |
| I 10 | 1    | 128171-22250 | PISTON W/RINGS OS.25 | 3    | 3   | 3   | 3   |     |     |   | 1 |
| I 12 | 2    | 705325-22540 | RING SET 025         | 3    | 3   | 3   | 3   |     |     |   | 1 |

Fig.24. CONNECTING ROD



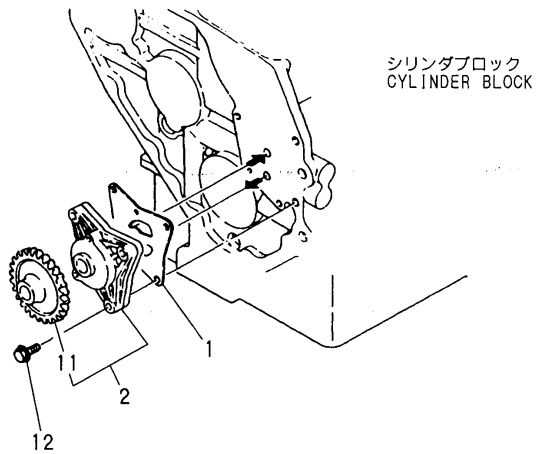
Remarks  
(1)UNDER SIZED(U.S.=0.25) PART.  
(2)REPAIR PART

OCR10-G46001 24. CONNECTING ROD

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728171-23100 | ROD ASSY, CONNECTING | 3    | 3   | 3   | 3   |     |     |   |   |
| 5    | 2    | 105225-23200 | BOLT, ROD            | 6    | 6   | 6   | 6   |     |     |   |   |
| 6    | 2    | 705311-23600 | METAL,CRANKPIN       | 3    | 3   | 3   | 3   |     |     |   |   |
| 8    | 1    | 105311-23380 | METAL,PIN US=0.25    | 3    | 3   | 3   | 3   |     |     | 1 |   |
| 10   | 1    | 105225-23180 | BUSH, PISTON PIN *   | 3    | 3   | 3   | 3   |     |     | 2 |   |

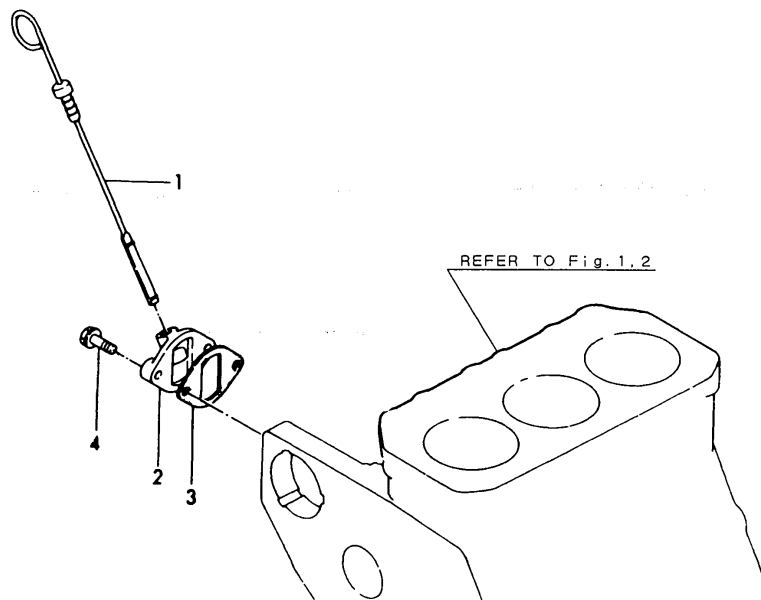
Fig.25. LUB. OIL PUMP



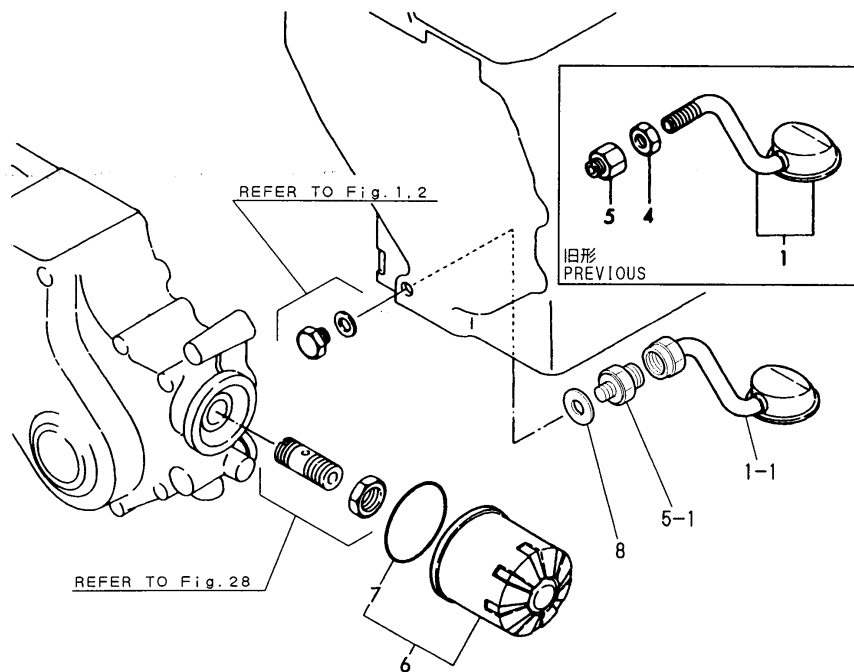
OCR10-G46001 25. LUB. OIL PUMP

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION        | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 121450-32021 | GASKET, L.O.PUMP   | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 121575-32090 | PUMP ASSY, LUB OIL | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 2    | 121450-32200 | GEAR, LUB OIL PUMP | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 1    | 26013-060222 | BOLT M 6X 22       | 3    | 3   | 3   | 3   |     |     |   |   |

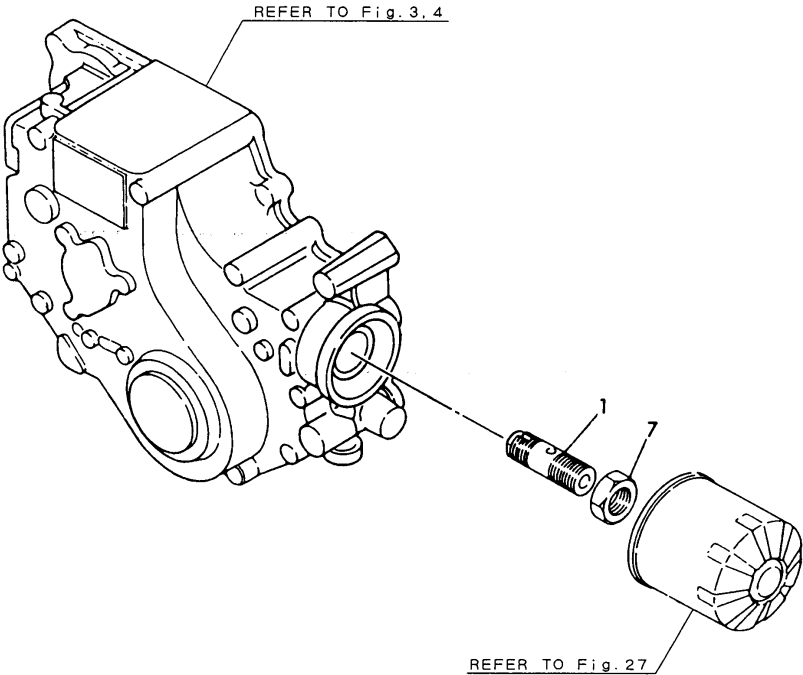


| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |
| 1    | 1    | 128370-34800 | DIPSTICK, LUB. OIL  | 1    | 1   | 1   | 1   |     |     |
| 2    | 1    | 121575-34830 | GUIDE, DIPSTICK     | 1    | 1   | 1   | 1   |     |     |
| 3    | 1    | 124160-34845 | GASKET, (NON-ASB.)  | 1    | 1   | 1   | 1   |     |     |
| 4    | 1    | 26106-080252 | BOLT M 8X 25 PLATED | 2    | 2   | 2   | 2   |     |     |



| REF. | LEV. | PARTS NO. | DESCRIPTION   | Q'TY                 |               |               |     |     |     | I | R |
|------|------|-----------|---------------|----------------------|---------------|---------------|-----|-----|-----|---|---|
|      |      |           |               | (A)                  | (B)           | (C)           | (D) | (E) | (F) |   |   |
| I    | 1    | 1         | 121450-35090  | PIPE ASSY, OIL INLET | 1             | 1             | 1   | 1   |     |   |   |
|      | 1-1  | 1         | 128377-35090  | PIPE, OIL INLET      | 1             | 1             | 1   | 1   |     |   | S |
|      |      |           | (A=E/#E22602) | (B=E/#E22236)        | (C=E/#E22589) | (D=E/#E22593) |     |     |     |   |   |
| I    | 4    | 1         | 124450-35070  | NUT PF1/4            | 1             | 1             | 1   | 1   |     |   | Z |
|      |      |           | (A=E/#E22602) | (B=E/#E22236)        | (C=E/#E22589) | (D=E/#E22593) |     |     |     |   |   |
|      | 5    | 1         | 121150-35100  | FITTINGS             | 1             | 1             | 1   | 1   |     |   |   |
| I    | 5-1  | 1         | 128377-35030  | RETAINER             | 1             | 1             | 1   | 1   |     |   | S |
|      |      |           | (A=E/#E22602) | (B=E/#E22236)        | (C=E/#E22589) | (D=E/#E22593) |     |     |     |   |   |
|      | 6    | 1         | 119660-35150  | FILTER, LUB. OIL     | 1             | 1             | 1   | 1   |     |   |   |
| I    | 7    | 2         | 124450-35110  | O-RING, L.O.STRAINER | 1             | 1             | 1   | 1   |     |   |   |
|      | 8    | 1         | 23414-130000  | GASKET 13, ROUND     | 1             | 1             | 1   | 1   |     |   | W |
|      |      |           | (A=E/#E22602) | (B=E/#E22236)        | (C=E/#E22589) | (D=E/#E22593) |     |     |     |   |   |

Fig.28. L.O.PRESS.REGULATING VALVE

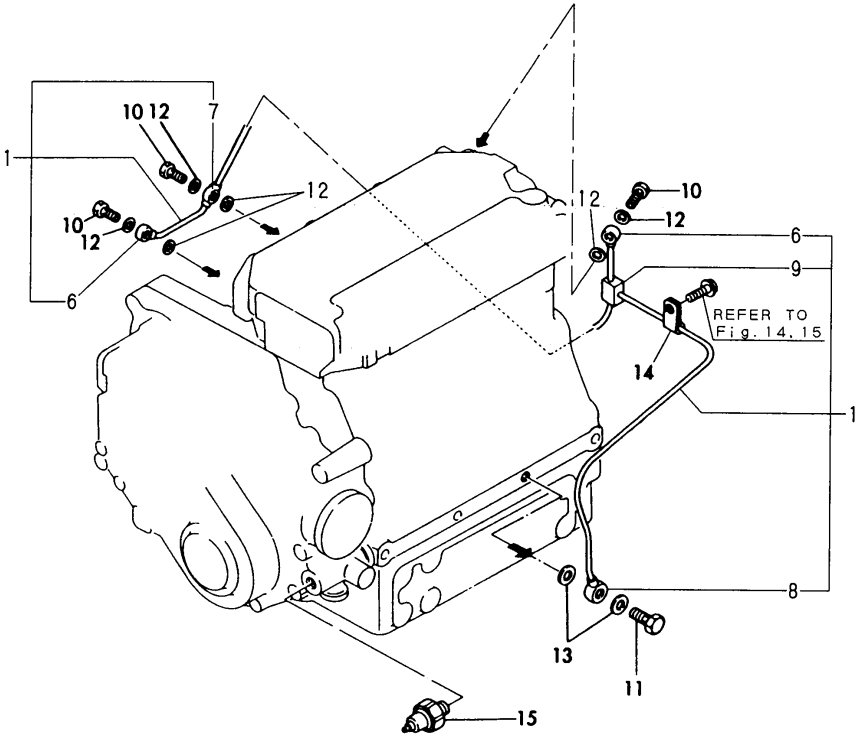


OCR10-G46001 28. L.O.PRESS.REGULATING VALVE

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 124085-35300 | VALVE ASSY, CONTROL | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 1    | 124085-35350 | LOCK NUT M20        | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.29. LUB. OIL PIPE

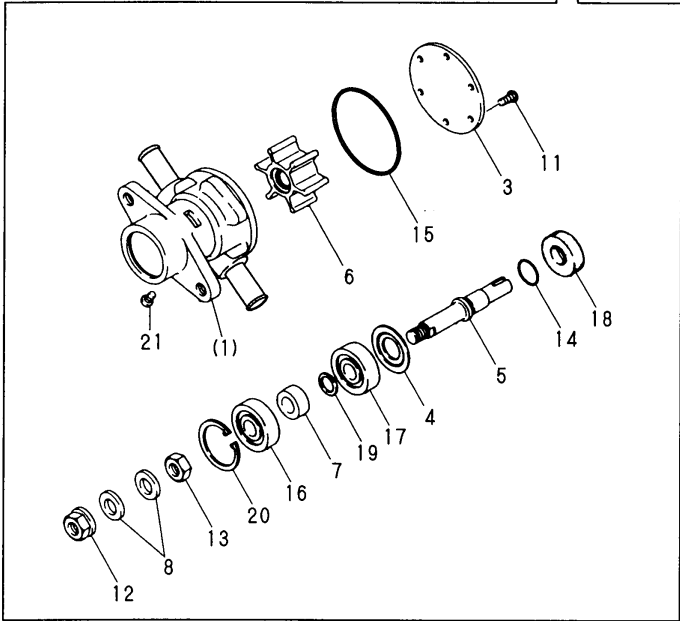
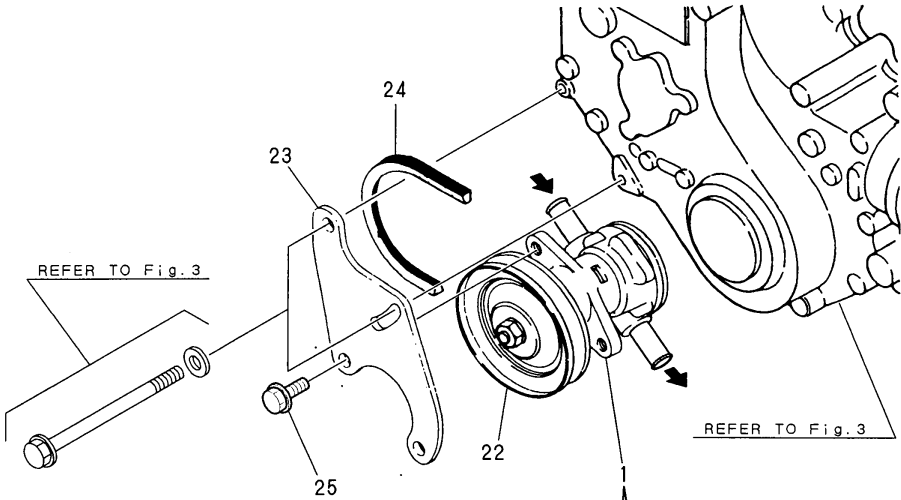


OCR10-G46001 29. LUB. OIL PIPE

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-39200 | PIPE, LUB OIL        | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 103288-39170 | JOINT 8              | 2    | 2   | 2   | 2   |     |     |   |   |
| 7    | 2    | 124450-39180 | JOINT                | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | 124160-39540 | JOINT, PIPE 10       | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 121750-39550 | 3-WAY JOINT          | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 1    | 124550-59820 | BOLT 8, PIPE JOINT   | 3    | 3   | 3   | 3   |     |     |   |   |
| 11   | 1    | 124160-39140 | BOLT 10, PIPE JOINT  | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 1    | 23414-080000 | GASKET 8, ROUND      | 6    | 6   | 6   | 6   |     |     |   |   |
| 13   | 1    | 23414-100000 | GASKET 10, ROUND     | 2    | 2   | 2   | 2   |     |     |   |   |
| 14   | 1    | 124450-39240 | RETAINER, PIPE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 15   | 1    | 124060-39451 | SENDER, OIL PRESSURE | 1    | 1   | 1   | 1   |     |     |   |   |

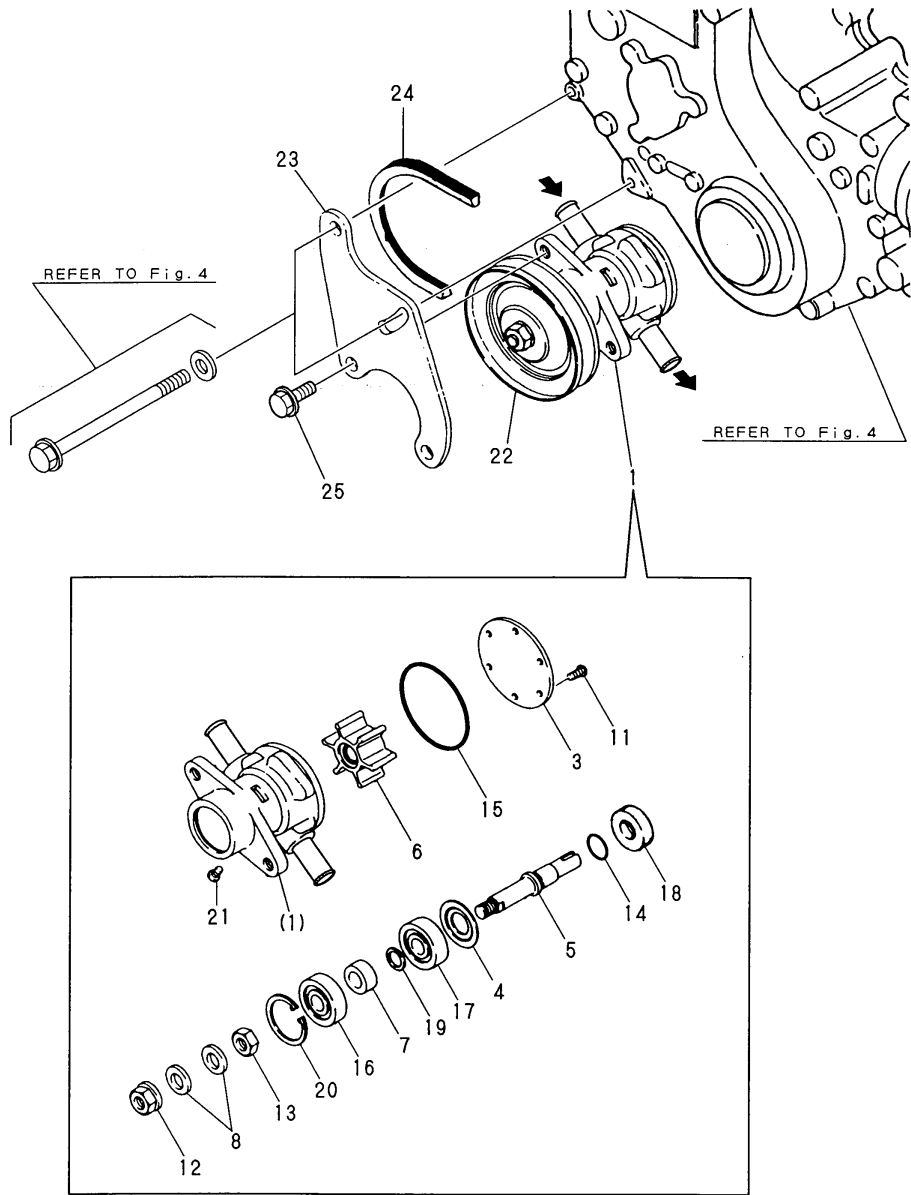
Fig.30. COOLING SEA WATER PUMP



(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.                   | DESCRIPTION         | Q'TY   |     |     |     |     |     | I | R |
|------|------|-----------------------------|---------------------|--------|-----|-----|-----|-----|-----|---|---|
|      |      |                             |                     | (A)    | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128377-42500                | PUMP ASSY, C. WATER | 1      | 1   |     |     |     |     |   |   |
| 3    | 2    | X0142398                    | COVER               | 1      | 1   |     |     |     |     |   |   |
| 4    | 2    | X0145050                    | PLATE               | 1      | 1   |     |     |     |     |   |   |
| 5    | 2    | X0146541                    | SHAFT, FAN          | 1      | 1   |     |     |     |     |   |   |
| 6    | 2    | X08810B                     | IMPELLER, C. WATER  | 1      | 1   |     |     |     |     |   |   |
| 7    | 2    | X0146496                    | SPACER              | 1      | 1   |     |     |     |     |   |   |
| I    | 7-1  | 2                           | X0146542            | SPACER | 1   | 1   |     |     |     |   | N |
|      |      | (A=E/#E21479) (B=E/#E21465) |                     |        |     |     |     |     |     |   |   |
| 8    | 2    | X0501133                    | WASHER              | 2      | 2   |     |     |     |     |   |   |
| 11   | 2    | X0504163                    | SCREW               | 6      | 6   |     |     |     |     |   |   |
| I    | 11-1 | 2                           | 128377-42520        | SCREW  | 6   | 6   |     |     |     |   | R |
|      |      | (A=FROM 1ST) (B=FROM 1ST)   |                     |        |     |     |     |     |     |   |   |
| 12   | 2    | X0505527                    | LOCK NUT            | 1      | 1   |     |     |     |     |   |   |
| 13   | 2    | X0505528                    | NUT                 | 1      | 1   |     |     |     |     |   |   |
| 14   | 2    | X0506513                    | O-RING              | 1      | 1   |     |     |     |     |   |   |
| 15   | 2    | X0506523                    | O-RING              | 1      | 1   |     |     |     |     |   |   |
| I    | 15-1 | 2                           | X0506597            | O-RING | 1   | 1   |     |     |     |   | N |
|      |      | (A=E/#E21479) (B=E/#E21465) |                     |        |     |     |     |     |     |   |   |
| 16   | 2    | X0508124                    | BALL BEARING        | 1      | 1   |     |     |     |     |   |   |
| 17   | 2    | X0508130                    | BALL BEARING        | 1      | 1   |     |     |     |     |   |   |
| 18   | 2    | X0529139                    | LIP SEAL            | 1      | 1   |     |     |     |     |   |   |
| 19   | 2    | X0534501                    | RETAINING RING      | 1      | 1   |     |     |     |     |   |   |
| 20   | 2    | X0534511                    | RETAINING RING      | 1      | 1   |     |     |     |     |   |   |
| 21   | 2    | X0504124                    | SCREW               | 1      | 1   |     |     |     |     |   |   |
| 22   | 1    | 124070-42400                | V-PULLEY, C.W. PUMP | 1      | 1   |     |     |     |     |   |   |
| 23   | 1    | 128377-42150                | BRACKET, C.W. PUMP  | 1      | 1   |     |     |     |     |   |   |
| 24   | 1    | 104511-78780                | V-BELT              | 1      | 1   |     |     |     |     |   |   |
| 25   | 1    | 26106-080122                | BOLT M 8X 12 PLATED | 2      | 2   |     |     |     |     |   |   |

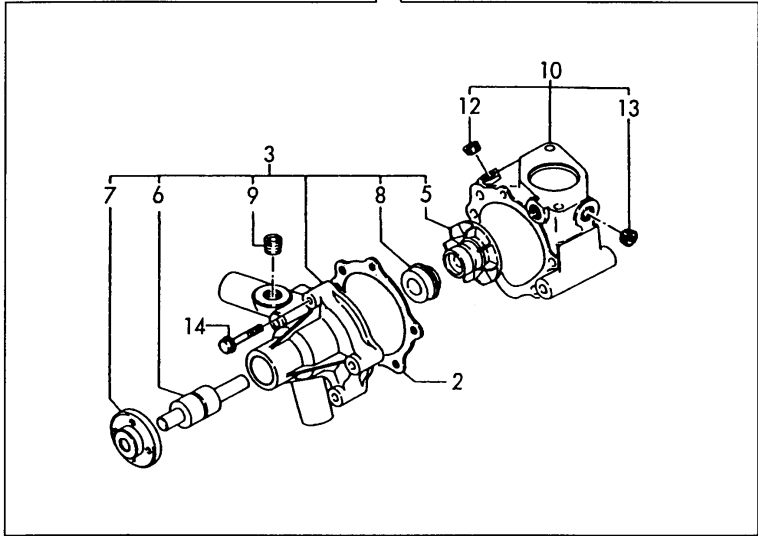
Fig.31. COOLING SEA WATER PUMP



OCR10-G46001 31. COOLING SEA WATER PUMP

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION                 | Q'TY   |     |     |     |     |     | I | R |
|------|------|--------------|-----------------------------|--------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                             | (A)    | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128397-42500 | PUMP ASSY, C. WATER         |        |     | 1   | 1   |     |     |   |   |
| 3    | 2    | X0142398     | COVER                       |        |     | 1   | 1   |     |     |   |   |
| 4    | 2    | X0145050     | PLATE                       |        |     | 1   | 1   |     |     |   |   |
| 5    | 2    | X0146541     | SHAFT, FAN                  |        |     | 1   | 1   |     |     |   |   |
| 6    | 2    | X08810B      | IMPELLER, C. WATER          |        |     | 1   | 1   |     |     |   |   |
| 7    | 2    | X0146496     | SPACER                      |        |     | 1   | 1   |     |     |   |   |
| I    | 7-1  | 2            | X0146542                    | SPACER |     |     | 1   | 1   |     |   | N |
|      |      |              | (C=E/#E21401) (D=E/#E21459) |        |     |     |     |     |     |   |   |
| 8    | 2    | X0501133     | WASHER                      |        |     | 2   | 2   |     |     |   |   |
| 11   | 2    | X0504163     | SCREW                       |        |     | 6   | 6   |     |     |   |   |
| I    | 11-1 | 2            | 128377-42520                | SCREW  |     |     | 6   | 6   |     |   | R |
|      |      |              | (C=FROM 1ST) (D=FROM 1ST)   |        |     |     |     |     |     |   |   |
| 12   | 2    | X0505527     | LOCK NUT                    |        |     | 1   | 1   |     |     |   |   |
| 13   | 2    | X0505528     | NUT                         |        |     | 1   | 1   |     |     |   |   |
| 14   | 2    | X0506513     | O-RING                      |        |     | 1   | 1   |     |     |   |   |
| 15   | 2    | X0506523     | O-RING                      |        |     | 1   | 1   |     |     |   |   |
| I    | 15-1 | 2            | X0506597                    | O-RING |     |     | 1   | 1   |     |   | N |
|      |      |              | (C=E/#E21401) (D=E/#E21459) |        |     |     |     |     |     |   |   |
| 16   | 2    | X0508124     | BALL BEARING                |        |     | 1   | 1   |     |     |   |   |
| 17   | 2    | X0508130     | BALL BEARING                |        |     | 1   | 1   |     |     |   |   |
| 18   | 2    | X0529139     | LIP SEAL                    |        |     | 1   | 1   |     |     |   |   |
| 19   | 2    | X0534501     | RETAINING RING              |        |     | 1   | 1   |     |     |   |   |
| 20   | 2    | X0534511     | RETAINING RING              |        |     | 1   | 1   |     |     |   |   |
| 21   | 2    | X0504124     | SCREW                       |        |     | 1   | 1   |     |     |   |   |
| 22   | 1    | 124070-42400 | V-PULLEY, C.W. PUMP         |        |     | 1   | 1   |     |     |   |   |
| 23   | 1    | 128377-42150 | BRACKET, C.W. PUMP          |        |     | 1   | 1   |     |     |   |   |
| 24   | 1    | 104511-78780 | V-BELT                      |        |     | 1   | 1   |     |     |   |   |
| 25   | 1    | 26106-080122 | BOLT M 8X 12 PLATED         |        |     | 2   | 2   |     |     |   |   |

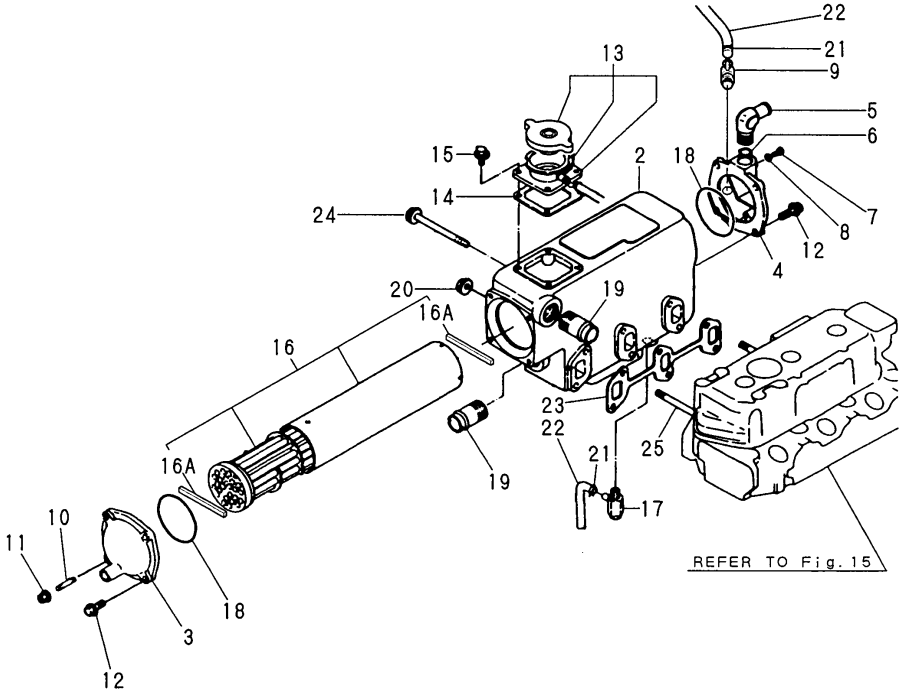


| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) |   |   |
| 1    | 1    | 128695-42010 | PUMP ASSY, C.F.W.   |      |     | 1   | 1   |   |   |
| 2    | 2    | 121000-42051 | GASKET, C.W.PUMP    |      |     | 1   | 1   |   |   |
| 3    | 2    | 121000-42100 | BODY ASSY, C.W.PUMP |      |     | 1   | 1   |   |   |
| 5    | 3    | 129350-42200 | IMPELLER            |      |     | 1   | 1   |   |   |
| 6    | 3    | 121450-42240 | SHAFT, IMPELLER     |      |     | 1   | 1   |   |   |
| 7    | 3    | 121450-42260 | FLANGE, V-PULLEY    |      |     | 1   | 1   |   |   |
| 8    | 3    | 121450-42310 | SEAL, MECHANICAL    |      |     | 1   | 1   |   |   |
| 9    | 3    | 23871-030000 | PLUG PT3/8,SCREW    |      |     | 1   | 1   |   |   |
| 10   | 2    | 728695-43500 | BRACKET ASSY, PUMP  |      |     | 1   | 1   |   |   |
| 12   | 3    | 23871-020000 | PLUG PT1/4,SCREW    |      |     | 1   | 1   |   |   |
| 13   | 3    | 23871-030000 | PLUG PT3/8,SCREW    |      |     | 1   | 1   |   |   |
| 14   | 2    | 26106-060322 | BOLT M 6X 32 PLATED |      |     | 1   | 1   |   |   |
| 15   | 1    | 128695-42350 | V-PULLEY            |      |     | 1   | 1   |   |   |
| 16   | 1    | 121450-44410 | GASKET, BRACKET     |      |     | 1   | 1   |   |   |
| 17   | 1    | 22217-060000 | SPRING WASHER 6     |      |     | 4   | 4   |   |   |
| 18   | 1    | 26106-080902 | BOLT M 8X 90 PLATED |      |     | 3   | 3   |   |   |
| 19   | 1    | 26106-060102 | BOLT M 6X 10 PLATED |      |     | 4   | 4   |   |   |
| 20   | 1    | 26106-081102 | BOLT M 8X110 PLATED |      |     | 1   | 1   |   |   |

Fig.33. COOLING FRESH WATER COOLER

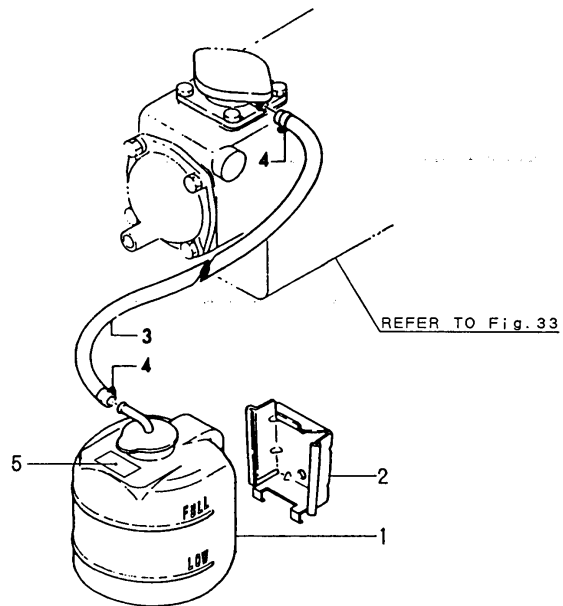
P/C NEWS No:Y00R4601-1  
PUBLISHED:2000/1

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1 inc. 2 ~ 19



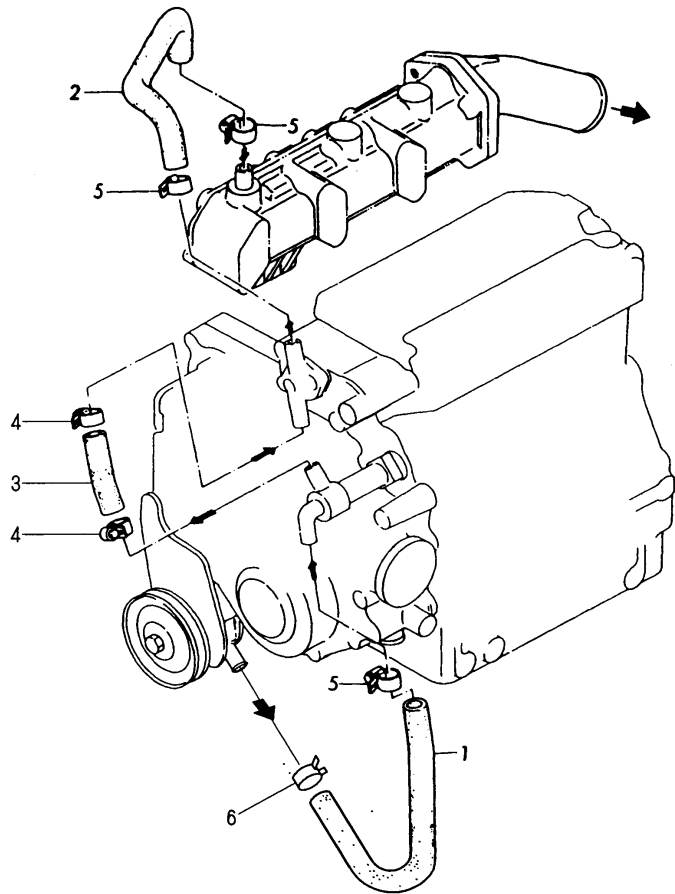
(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF.  | LEV. | PARTS NO.    | DESCRIPTION                 | Q'TY |     |     |     |     |     | I | R |
|-------|------|--------------|-----------------------------|------|-----|-----|-----|-----|-----|---|---|
|       |      |              |                             | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1     | 1    | 128397-44900 | EXCHANGER ASSY, HEAT        |      |     | 1   | 1   |     |     |   |   |
| 2     | 2    | 128397-44010 | TANK, HEAT EXCHANGER        |      |     | 1   | 1   |     |     |   |   |
| 3     | 2    | 128397-44050 | COVER, SIDE                 |      |     | 1   | 1   |     |     |   |   |
| 4     | 2    | 128397-44060 | COVER, OUTLET               |      |     | 1   | 1   |     |     |   |   |
| 5     | 2    | 128690-49310 | ELBOW                       |      |     | 1   | 1   |     |     |   |   |
| 5-1   | 2    | 128397-49310 | ELBOW                       |      |     | 1   | 1   |     |     |   | R |
|       |      |              | (C=E/#E22589) (D=E/#E22593) |      |     |     |     |     |     |   |   |
| 6     | 2    | 24311-000160 | O-RING 1A P-16.0            |      |     | 1   | 1   |     |     |   |   |
| 7     | 2    | 26554-050102 | SCREW M 5X 10               |      |     | 1   | 1   |     |     |   |   |
| 7-1   | 2    | 128297-49320 | SCREW-PAN+-                 |      |     | 1   | 1   |     |     |   | R |
|       |      |              | (C=E/#E23284) (D=E/#E23313) |      |     |     |     |     |     |   |   |
| 8     | 2    | 23414-050000 | GASKET 5                    |      |     | 1   | 1   |     |     |   |   |
| 9     | 2    | 128695-44090 | COCK PT1/8                  |      |     | 1   | 1   |     |     |   |   |
| 10    | 2    | 26216-060182 | STUD M 6X 18 PLATED         |      |     | 1   | 1   |     |     |   |   |
| 11    | 2    | 26366-060002 | NUT M 6                     |      |     | 1   | 1   |     |     |   |   |
| 12    | 2    | 26106-060182 | BOLT M 6X 18 PLATED         |      |     | 7   | 7   |     |     |   |   |
| 13    | 2    | 128397-44600 | FILLER W/BALL               |      |     | 1   | 1   |     |     |   |   |
| 14    | 2    | 123682-44201 | GASKET, (NON-ASB.)          |      |     | 1   | 1   |     |     |   |   |
| 15    | 2    | 26106-060122 | BOLT M 6X 12 PLATED         |      |     | 4   | 4   |     |     |   |   |
| 16    | 2    | 128397-44400 | CORE ASSY, COOLER           |      |     | 1   | 1   |     |     |   |   |
| I 16A | 3    | 128297-44490 | SEALING                     |      |     | 2   | 2   |     |     |   | W |
|       |      |              | (C=FROM 1ST) (D=FROM 1ST)   |      |     |     |     |     |     |   |   |
| 17    | 2    | 120130-49350 | COCK 1/4                    |      |     | 1   | 1   |     |     |   |   |
| 18    | 2    | 24311-000700 | O-RING 1A P-70.0            |      |     | 2   | 2   |     |     |   |   |
| 19    | 2    | 124160-49480 | JOINT, PIPE                 |      |     | 2   | 2   |     |     |   |   |
| 20    | 1    | 26366-080002 | NUT M 8                     |      |     | 2   | 2   |     |     |   |   |
| 21    | 1    | 124460-77680 | RETAINER                    |      |     | 2   | 2   |     |     |   |   |
| 22    | 1    | 23061-070300 | PIPE 7X 300                 |      |     | 2   | 2   |     |     |   |   |
| 23    | 1    | 121450-13251 | GASKET, (NON-ASB.)          |      |     | 1   | 1   |     |     |   |   |
| 24    | 1    | 26106-080902 | BOLT M 8X 90 PLATED         |      |     | 4   | 4   |     |     |   |   |
| 25    | 1    | 26216-080902 | STUD M 8X 90 PLATED         |      |     | 2   | 2   |     |     |   |   |



| REF. | LEV. | PARTS NO.    | DESCRIPTION               | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                           | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128397-44500 | TANK ASSY, RESERVE        |      |     | 1   | 1   |     |     |   |   |
| 2    | 1    | 128397-44510 | BRACKET, SUB-TANK         |      |     | 1   | 1   |     |     |   |   |
| 3    | 1    | 124790-44560 | PIPE, C. WATER            |      |     | 1   | 1   |     |     |   |   |
| 4    | 1    | 23010-013000 | CLAMP 13                  |      |     | 2   | 2   |     |     |   |   |
| 5    | 1    | 129670-44570 | LABEL                     |      |     | 1   | 1   |     |     |   | W |
|      |      |              | (C=FROM 1ST) (D=FROM 1ST) |      |     |     |     |     |     |   |   |

Fig.35. COOLING SEA WATER PIPE

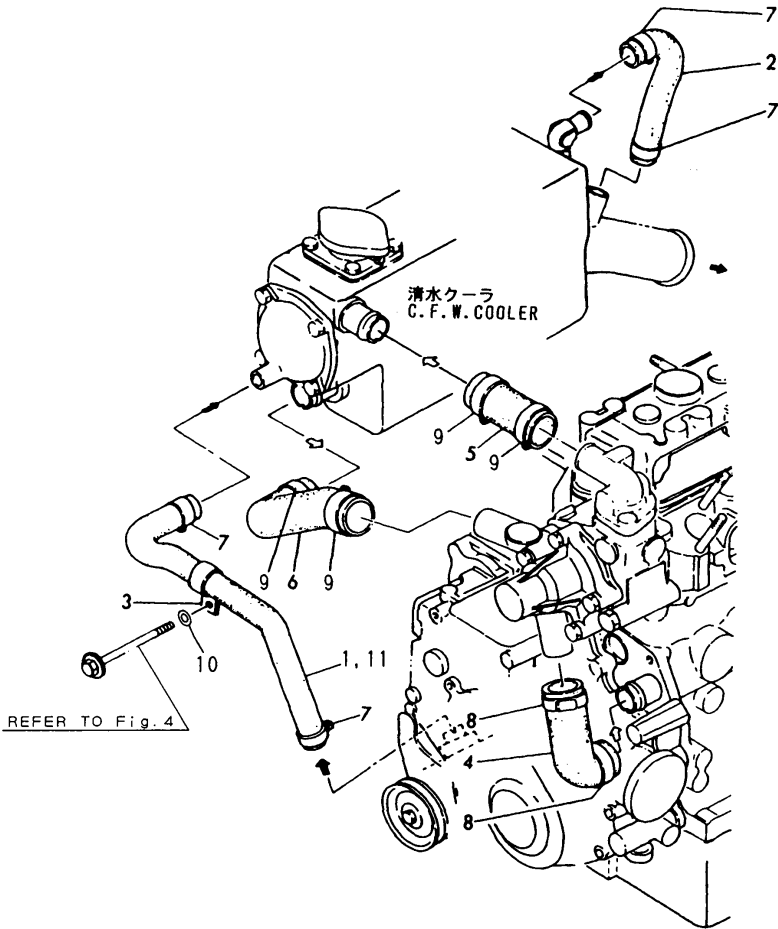


OCR10-G46001 35. COOLING SEA WATER PIPE

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128377-49010 | PIPE, COOLING WATER | 1    | 1   |     |     |     |     |   |   |
| 2    | 1    | 128370-49020 | PIPE, COOLING WATER | 1    | 1   |     |     |     |     |   |   |
| 3    | 1    | 128270-49050 | PIPE, COOLING WATER | 1    | 1   |     |     |     |     |   |   |
| 4    | 1    | 23000-022000 | CLAMP 22            | 2    | 2   |     |     |     |     |   |   |
| 5    | 1    | 23000-022000 | CLAMP 22            | 3    | 3   |     |     |     |     |   |   |
| 6    | 1    | 23000-025000 | CLAMP 25            | 1    | 1   |     |     |     |     |   |   |

Fig.36. COOLING FRESH WATER PIPE



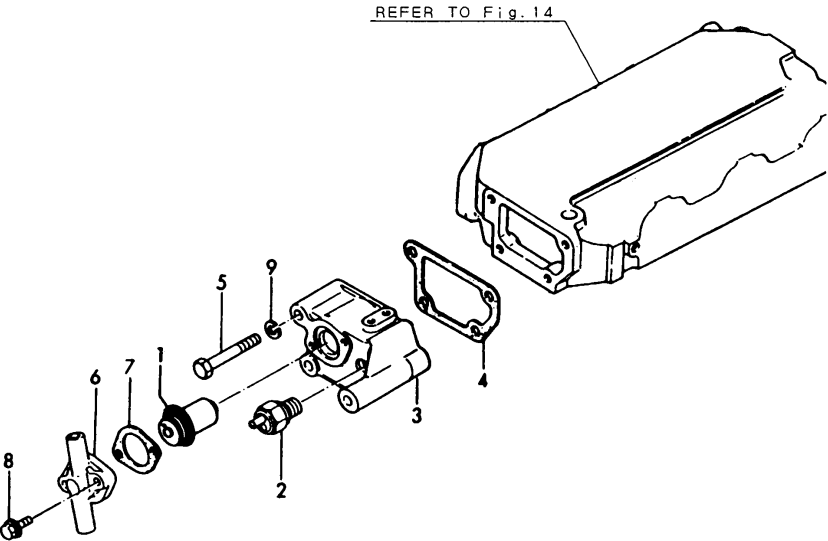
Remarks  
(1)V TYPE SPEC.

OCR10-G46001 36. COOLING FRESH WATER PIPE

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128690-49010 | PIPE (B), C. WATER  |      |     | 1   | 1   |     |     |   |   |
| 2    | 1    | 124770-49040 | PIPE, COOLING WATER |      |     | 1   | 1   |     |     |   |   |
| 3    | 1    | 121575-49310 | CLAMP               |      |     | 1   | 1   |     |     |   |   |
| 4    | 1    | 128290-49510 | PIPE, COOLING WATER |      |     | 1   | 1   |     |     |   |   |
| 5    | 1    | 128695-49520 | PIPE (E), C. WATER  |      |     | 1   | 1   |     |     |   |   |
| 6    | 1    | 128695-49530 | PIPE (F), C. WATER  |      |     | 1   | 1   |     |     |   |   |
| 7    | 1    | 23000-025000 | CLAMP 25            |      |     | 4   | 4   |     |     |   |   |
| 8    | 1    | 23000-041000 | CLAMP 41            |      |     | 2   | 2   |     |     |   |   |
| 9    | 1    | 23000-041000 | CLAMP 41            |      |     | 4   | 4   |     |     |   |   |
| 10   | 1    | 22137-060000 | WASHER 6, POLISHED  |      |     | 1   | 1   |     |     |   |   |
| 11   | 1    | 128291-49020 | PIPE B              |      |     | 1   | 1   |     |     |   | 1 |

Fig.37. THERMOSTAT



OCR10-G46001 37. THERMOSTAT

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 105582-49200 | THERMOSTAT          | 1    | 1   |     |     |     |     |   |   |
| 2    | 1    | 128275-91340 | SWITCH, THERMO(65 C | 1    | 1   |     |     |     |     |   |   |
| 3    | 1    | 128270-49100 | BRACKET, THERMOSTAT | 1    | 1   |     |     |     |     |   |   |
| 4    | 1    | 121450-44410 | GASKET, BRACKET     | 1    | 1   |     |     |     |     |   |   |
| 5    | 1    | 26116-080602 | BOLT M 8X 60 PLATED | 4    | 4   |     |     |     |     |   |   |
| 6    | 1    | 128170-49150 | COVER, THERMOSTAT   | 1    | 1   |     |     |     |     |   |   |
| 7    | 1    | 104211-49160 | PACKING             | 1    | 1   |     |     |     |     |   |   |
| 8    | 1    | 26106-060182 | BOLT M 6X 18 PLATED | 2    | 2   |     |     |     |     |   |   |
| 9    | 1    | 22217-080000 | SPRING WASHER 8     | 4    | 4   |     |     |     |     |   |   |

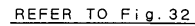
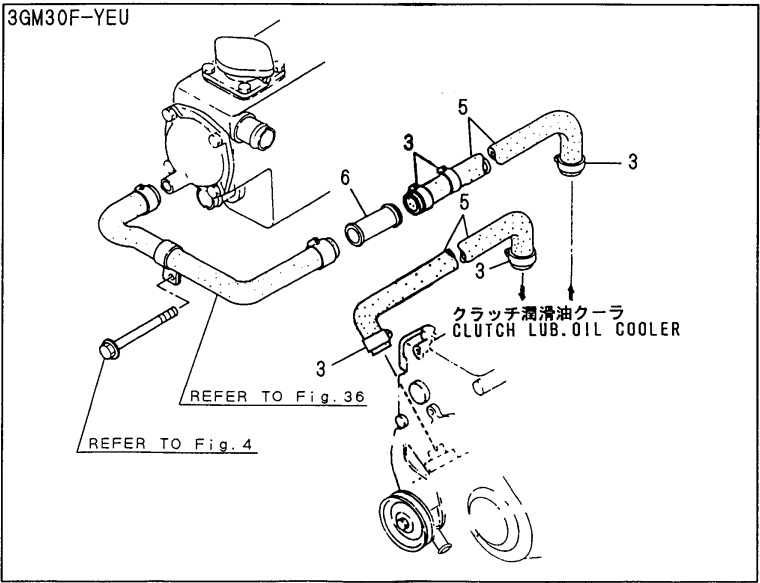
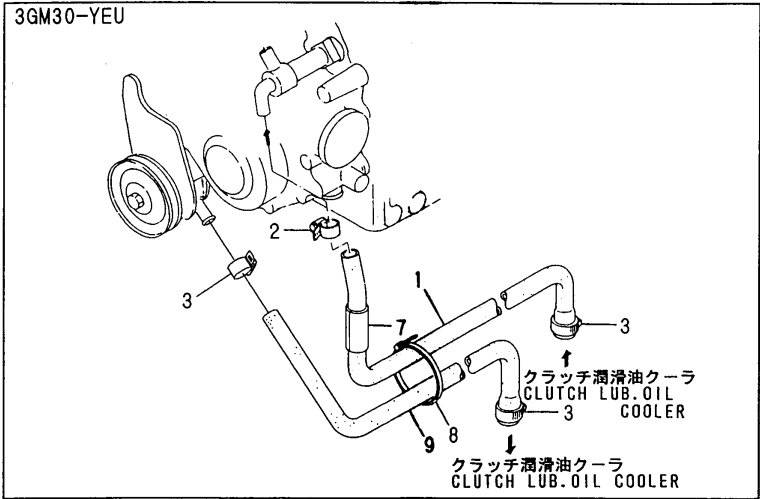
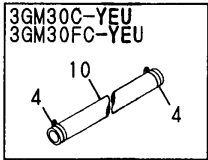
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Fig.39. COOLING SEA WATER PIPE(OPTIONA

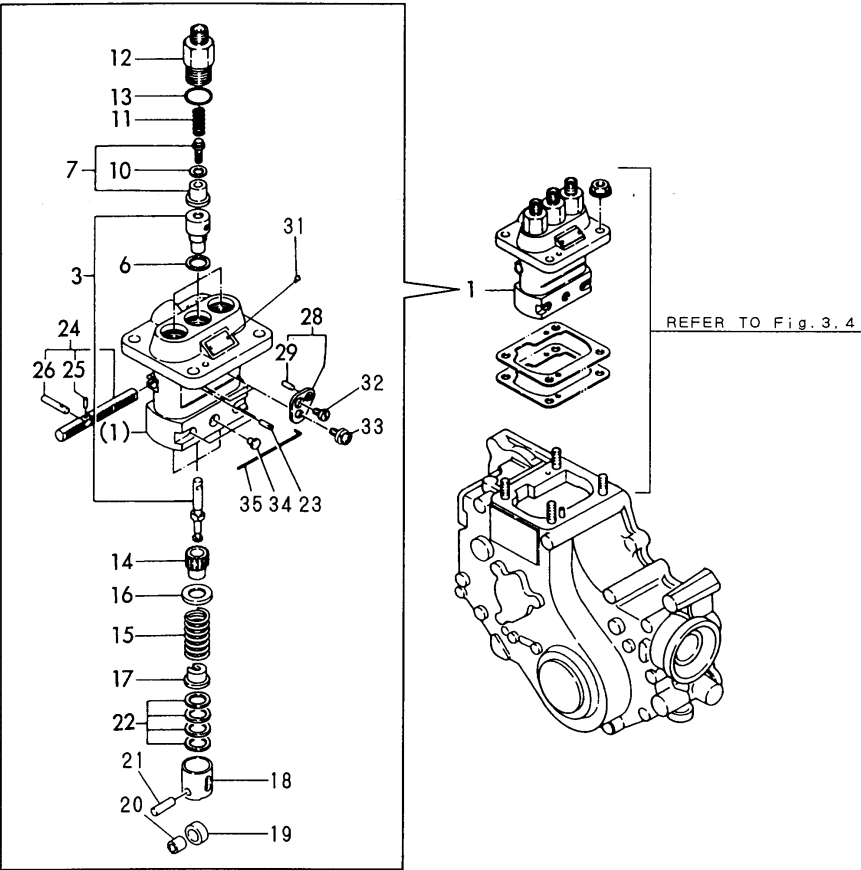


0CR10-G46001 39. COOLING SEA WATER PIPE(OPTIONA

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128170-49081 | PIPE, COOLING WATER | 1    |     |     |     |     |     |   |   |
| 2    | 1    | 23000-022000 | CLAMP 22            | 1    |     |     |     |     |     |   |   |
| 3    | 1    | 23000-025000 | CLAMP 25            | 3    |     | 5   |     |     |     |   |   |
| 4    | 1    | 23000-025000 | CLAMP 25            |      | 2   |     | 2   |     |     |   |   |
| 5    | 1    | 124223-49050 | PIPE, COOLING WATER |      |     | 2   |     |     |     |   |   |
| 6    | 1    | 128291-49250 | JOINT               |      |     | 1   |     |     |     |   |   |
| 7    | 1    | 128271-49450 | PROTECTOR           | 1    |     |     |     |     |     |   |   |
| 8    | 1    | 121750-59890 | RETAINER            | 1    |     |     |     |     |     |   |   |
| 9    | 1    | 124223-49050 | PIPE, COOLING WATER | 1    |     |     |     |     |     |   |   |
| 10   | 1    | 124223-49050 | PIPE, COOLING WATER |      | 1   |     | 1   |     |     |   |   |

Fig.40. FUEL INJECTION PUMP



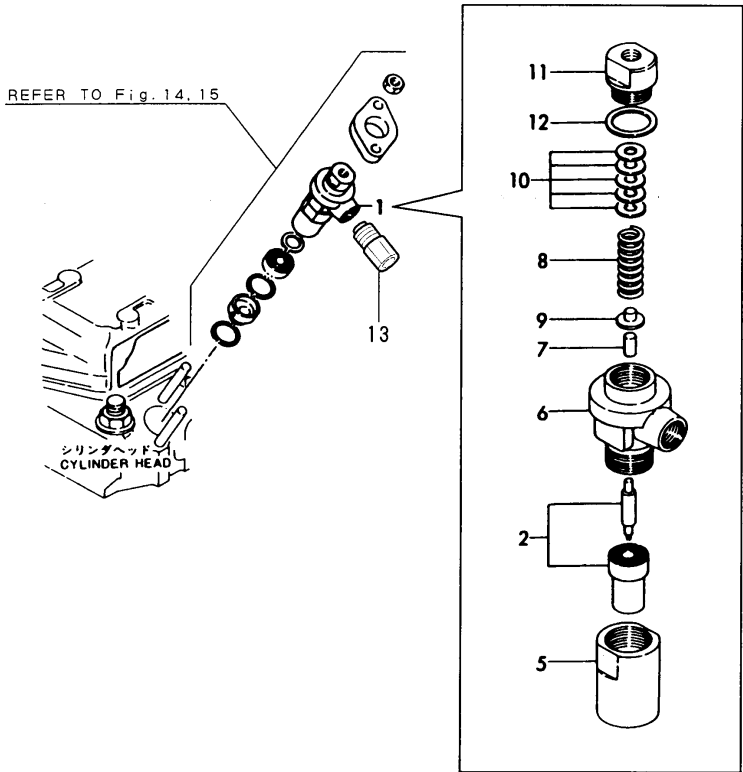
OCR10-G46001 40. FUEL INJECTION PUMP

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728374-51101 | PUMP ASSY. F.INJECT. | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 128170-51101 | PLUNGER W/BARREL     | 3    | 3   | 3   | 3   |     |     |   |   |
| 6    | 2    | 124950-51270 | GASKET               | 3    | 3   | 3   | 3   |     |     |   |   |
| 7    | 2    | 105500-51300 | VALVE W/SEAT, DELIV. | 3    | 3   | 3   | 3   |     |     |   |   |
| 10   | 2    | 124550-51350 | GASKET, DELIVERY     | 3    | 3   | 3   | 3   |     |     |   |   |
| 11   | 2    | 124550-51320 | SPRING, DELIV. VALVE | 3    | 3   | 3   | 3   |     |     |   |   |
| 12   | 2    | 124550-51341 | RETAINER             | 3    | 3   | 3   | 3   |     |     |   |   |
| 13   | 2    | 124550-51370 | O-RING, DELIVERY     | 3    | 3   | 3   | 3   |     |     |   |   |
| 14   | 2    | 124950-51510 | PINION               | 3    | 3   | 3   | 3   |     |     |   |   |
| 15   | 2    | 124950-51190 | SPRING, PLUNGER      | 3    | 3   | 3   | 3   |     |     |   |   |
| 16   | 2    | 174307-51170 | RETAINER A           | 3    | 3   | 3   | 3   |     |     |   |   |
| 17   | 2    | 174307-51181 | RETAINER B           | 3    | 3   | 3   | 3   |     |     |   |   |
| 18   | 2    | 124550-51200 | TAPPET               | 3    | 3   | 3   | 3   |     |     |   |   |
| 19   | 2    | 111100-51220 | ROLLER               | 3    | 3   | 3   | 3   |     |     |   |   |
| 20   | 2    | 111100-51210 | ROLLER, INNER        | 3    | 3   | 3   | 3   |     |     |   |   |
| 21   | 2    | 174100-54120 | PIN, ROLLER          | 3    | 3   | 3   | 3   |     |     |   |   |
| 22   | 2    | 174307-51700 | SHIM SET             | 3    | 3   | 3   | 3   |     |     |   |   |
| 23   | 2    | 103854-51251 | PIN, PLUNGER         | 1    | 1   | 1   | 1   |     |     |   |   |
| 24   | 2    | 121450-51500 | RACK, CONTROL        | 1    | 1   | 1   | 1   |     |     |   |   |
| 25   | 3    | 121450-51550 | PIN                  | 1    | 1   | 1   | 1   |     |     |   |   |
| 26   | 3    | 124550-51590 | LOCKER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 28   | 2    | 124950-51640 | SHIM SET, CONTROL    | 2    | 2   | 2   | 2   |     |     |   |   |
| 29   | 3    | 124950-51670 | PIN                  | 2    | 2   | 2   | 2   |     |     |   |   |
| 31   | 2    | 124220-51890 | RIVET, LABEL         | 2    | 2   | 2   | 2   |     |     |   |   |
| 32   | 2    | 103854-51660 | SCREW                | 2    | 2   | 2   | 2   |     |     |   |   |
| 33   | 2    | 26033-050102 | SCREW M 5X 10        | 2    | 2   | 2   | 2   |     |     |   |   |
| 34   | 2    | 124950-51450 | PIECE, GUIDE         | 3    | 3   | 3   | 3   |     |     |   |   |
| 35   | 2    | 121150-51460 | PIN                  | 1    | 1   | 1   | 1   |     |     |   |   |

[illegible]

Fig.42. FUEL INJECTION VALVE

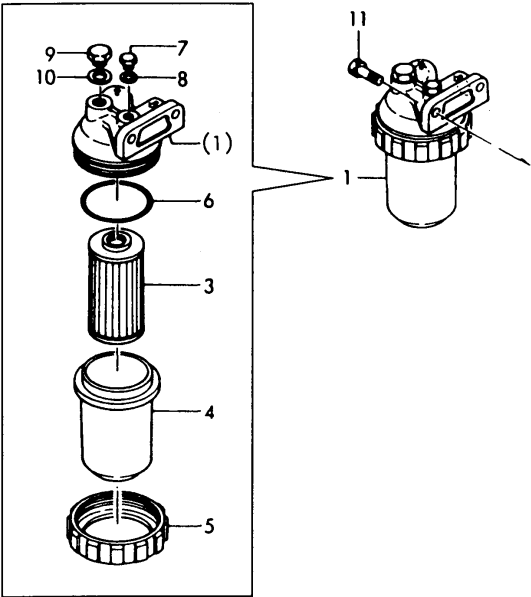


OCR10-G46001 42. FUEL INJECTION VALVE

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF.                                                    | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|---------------------------------------------------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|                                                         |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1                                                       | 1    | 728170-53100 | VALVE ASSY, F.INJECT | 3    | 3   | 3   | 3   |     |     |   |   |
| 2                                                       | 2    | 124770-53000 | NOZZLE ASSY,F.INJECT | 3    | 3   | 3   | 3   |     |     |   |   |
| 5                                                       | 2    | 128170-53080 | HOLDER, VALVE W/CASE | 3    | 3   | 3   | 3   |     |     |   |   |
| 6                                                       | 2    | 103854-53100 | BODY, F.I. VALVE     | 3    | 3   | 3   | 3   |     |     |   |   |
| 7                                                       | 2    | 113200-53110 | SPINDLE, INTER       | 3    | 3   | 3   | 3   |     |     |   |   |
| 8                                                       | 2    | 104211-53120 | SPRING, NOZZLE       | 3    | 3   | 3   | 3   |     |     |   |   |
| 9                                                       | 2    | 113200-53120 | SHOE, SPRING         | 3    | 3   | 3   | 3   |     |     |   |   |
| 10                                                      | 2    | 110250-53150 | SHIM SET             | 3    | 3   | 3   | 3   |     |     |   |   |
| 11                                                      | 2    | 103854-53180 | RETAINER, NOZ.SPRING | 3    | 3   | 3   | 3   |     |     |   |   |
| 12                                                      | 2    | 172100-53200 | GASKET               | 3    | 3   | 3   | 3   |     |     |   |   |
| I 13                                                    | 1    | 128277-53300 | JOINT CMP            | 3    | 3   | 3   | 3   |     |     |   | W |
| (A=E/#E20825) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) |      |              |                      |      |     |     |     |     |     |   |   |

Fig.43. FUEL STRAINER

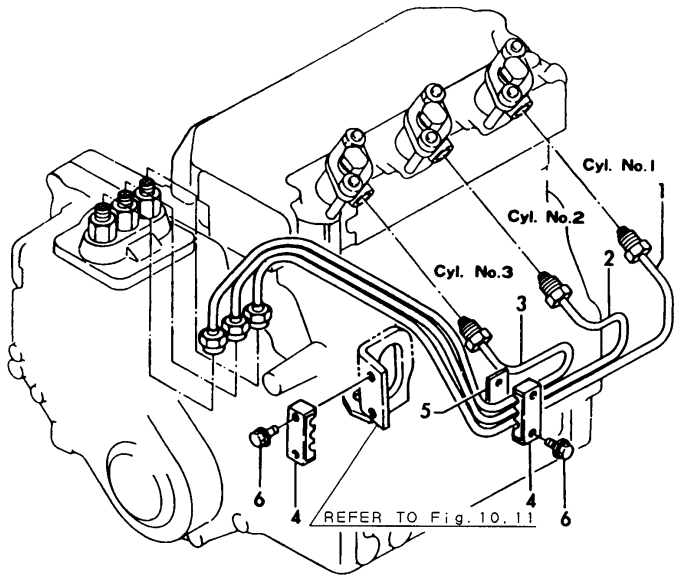


OCR10-G46001 43. FUEL STRAINER

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 124790-55601 | STRAINER ASSY, FUEL | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 104500-55710 | ELEMENT, FUEL       | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 121370-55730 | CUP, STRAINER       | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | 110250-55610 | RING, RETAINING     | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 24341-000440 | O-RING 1A S-44.0    | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 101720-55750 | PLUG 6              | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | 23418-060000 | GASKET 6, NYLON     | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 135210-51900 | PLUG                | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 2    | 23414-080012 | GASKET 8            | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 1    | 26013-060162 | BOLT M 6X 16        | 2    | 2   | 2   | 2   |     |     |   |   |

Fig.44. FUEL INJECTION PIPE

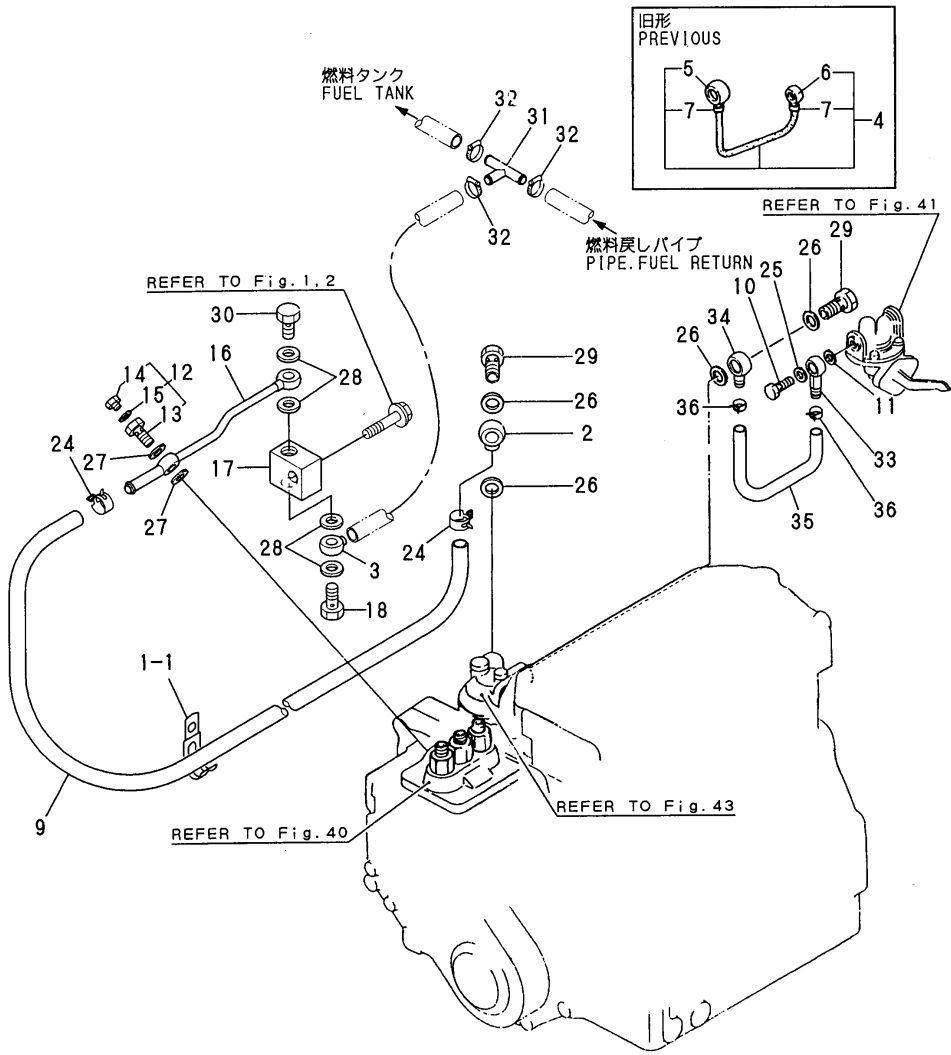


OCR10-G46001 44. FUEL INJECTION PIPE

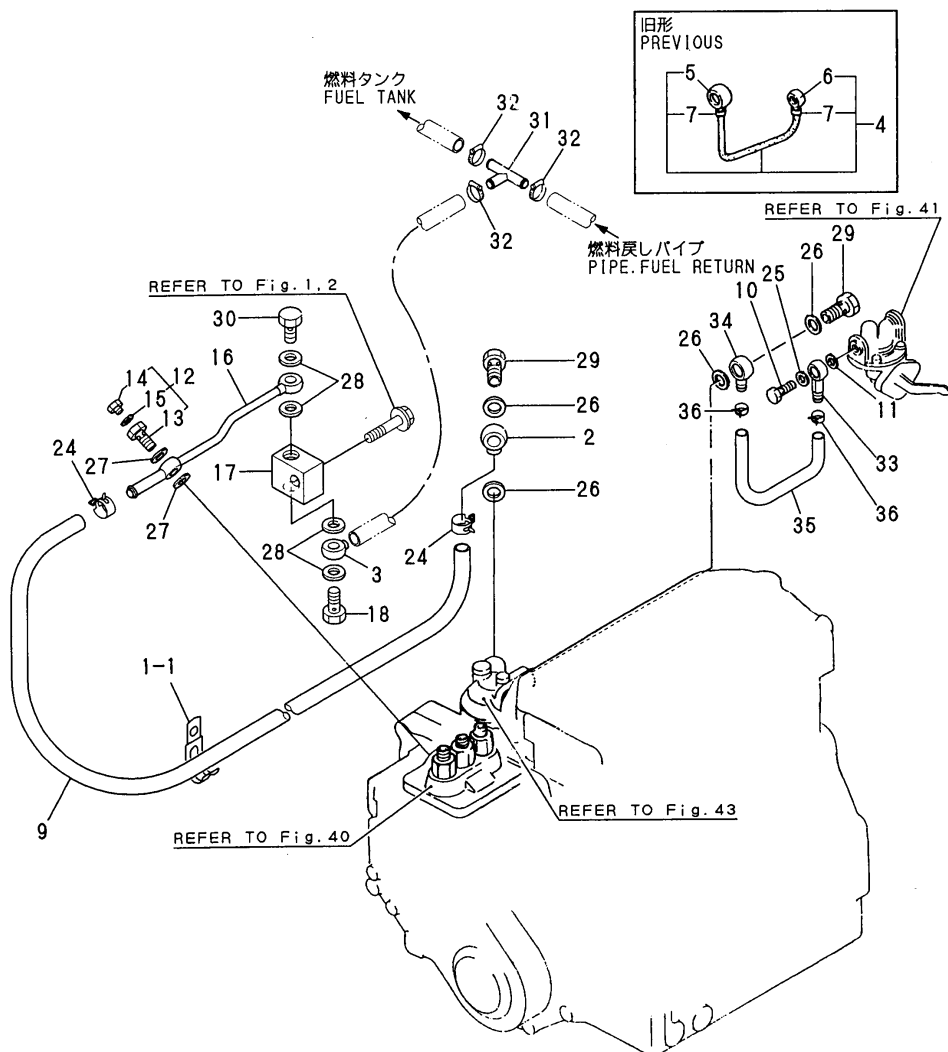
(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.                                               | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|---------------------------------------------------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                                                         |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| I    | 1    | 128390-59810                                            | PIPE (1), F. INJECT. | 1    | 1   | 1   | 1   |     |     |   |   |
|      | 1-1  | 128377-59810                                            | PIPE(1), F. INJECT.  | 1    | 1   | 1   | 1   |     |     | S |   |
|      |      | (A=E/#E21479) (B=E/#E21465) (C=E/#E21401) (D=E/#E21459) |                      |      |     |     |     |     |     |   |   |
| I    | 2    | 128390-59820                                            | PIPE (2), F. INJECT. | 1    | 1   | 1   | 1   |     |     |   |   |
|      | 2-1  | 128377-59820                                            | PIPE (2), F. INJECT. | 1    | 1   | 1   | 1   |     |     | S |   |
|      |      | (A=E/#E21479) (B=E/#E21465) (C=E/#E21401) (D=E/#E21459) |                      |      |     |     |     |     |     |   |   |
| I    | 2-2  | 128377-59821                                            | PIPE(1), F. INJECT.  | 1    | 1   | 1   | 1   |     |     | N |   |
|      |      | (A=E/#E21739) (B=E/#E21881) (C=E/#E21742) (D=E/#E21755) |                      |      |     |     |     |     |     |   |   |
|      | 3    | 128390-59830                                            | PIPE (3), F. INJECT. | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 3-1  | 129377-59830                                            | PIPE (3), F. INJECT. | 1    | 1   | 1   | 1   |     |     | S |   |
|      |      | (A=E/#E21479) (B=E/#E21465) (C=E/#E21401) (D=E/#E21459) |                      |      |     |     |     |     |     |   |   |
|      | 3-2  | 128377-59831                                            | PIPE(3), F. INJECT.  | 1    | 1   | 1   | 1   |     |     | N |   |
|      |      | (A=E/#E21739) (B=E/#E21881) (C=E/#E21742) (D=E/#E21755) |                      |      |     |     |     |     |     |   |   |
|      | 4    | 123372-59100                                            | CLAMP                | 2    | 2   | 2   | 2   |     |     |   |   |
|      | 5    | 121250-59860                                            | RETAINER (B)         | 1    | 1   | 1   | 1   |     |     |   |   |
|      | 6    | 26106-060162                                            | BOLT M 6X 16 PLATED  | 4    | 4   | 4   | 4   |     |     |   |   |

Fig.45. FUEL PIPE

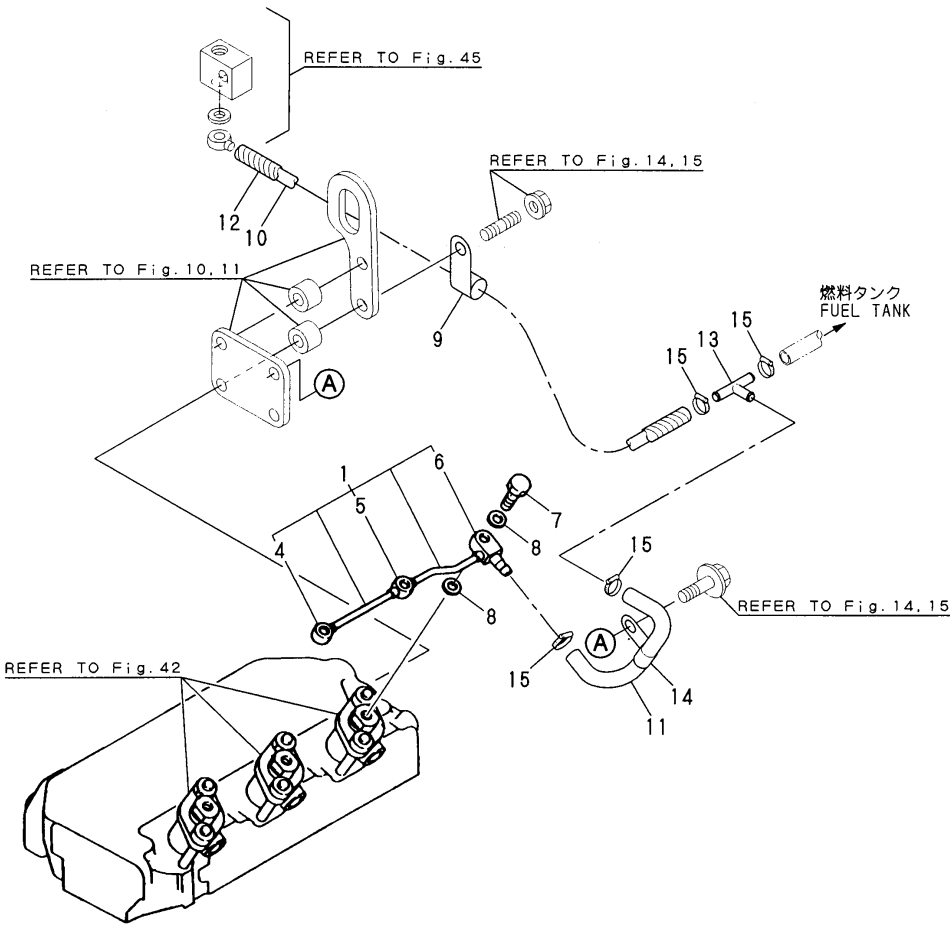


| REF.   | LEV. | PARTS NO.    | DESCRIPTION                                                                   | Q'TY |     |     |     |     |     | I | R |
|--------|------|--------------|-------------------------------------------------------------------------------|------|-----|-----|-----|-----|-----|---|---|
|        |      |              |                                                                               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1      | 1    | 124450-39240 | RETAINER, PIPE<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)         | 1    | 1   | 1   | 1   |     |     |   | Z |
| 1-1    | 1    | 194440-51620 | CLAMP, WIRE HARNESS<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)    | 1    | 1   | 1   | 1   |     |     |   | W |
| 2      | 1    | 104264-59020 | JOINT 12, PIPE<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)         | 1    | 1   | 1   | 1   |     |     |   |   |
| 3      | 1    | 104264-59020 | JOINT 12, PIPE<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)         | 1    | 1   | 1   | 1   |     |     |   |   |
| I 4    | 1    | 128370-59081 | PIPE, FUEL OIL (B)<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) | 1    | 1   | 1   | 1   |     |     |   | Z |
| I 5    | 2    | 104264-59020 | JOINT 12, PIPE<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)     | 1    | 1   | 1   | 1   |     |     |   | Z |
| I 6    | 2    | 104264-59030 | JOINT 8, PIPE<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)      | 1    | 1   | 1   | 1   |     |     |   | Z |
| I 7    | 2    | 104264-59040 | CAP, PIPE<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)          | 2    | 2   | 2   | 2   |     |     |   | Z |
| 9      | 1    | 119173-59120 | PIPE<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)               | 1    | 1   | 1   | 1   |     |     |   |   |
| I 9-1  | 1    | 128370-59102 | PIPE, FUEL OIL<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)     | 1    | 1   | 1   | 1   |     |     |   | N |
| 10     | 1    | 105582-59150 | BOLT, PIPE JOINT                                                              | 1    | 1   | 1   | 1   |     |     |   |   |
| 11     | 1    | 104884-59170 | GASKET                                                                        | 1    | 1   | 1   | 1   |     |     |   |   |
| 12     | 1    | 103854-59191 | BOLT W/PLUG & SEAL                                                            | 1    | 1   | 1   | 1   |     |     |   |   |
| 13     | 2    | 103854-59201 | BOLT, JOINT                                                                   | 1    | 1   | 1   | 1   |     |     |   |   |
| 14     | 2    | 124060-59380 | PLUG                                                                          | 1    | 1   | 1   | 1   |     |     |   |   |
| 15     | 2    | 22190-060002 | SEAL WASHER 6S                                                                | 1    | 1   | 1   | 1   |     |     |   |   |
| 16     | 1    | 128377-59550 | PIPE,FUEL OIL CMP                                                             | 1    | 1   | 1   | 1   |     |     |   |   |
| 17     | 1    | 128296-59900 | JOINT                                                                         | 1    | 1   | 1   | 1   |     |     |   |   |
| I 17-1 | 1    | 128296-59901 | JOINT<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)              | 1    | 1   | 1   | 1   |     |     |   | N |
| 18     | 1    | 128296-59940 | VALVE, CHECK                                                                  | 1    | 1   | 1   | 1   |     |     |   |   |
| 23     | 1    | 22117-080000 | WASHER 8<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)               | 1    | 1   | 1   | 1   |     |     |   | Z |
| 24     | 1    | 23000-016000 | CLAMP 16                                                                      | 2    | 2   | 2   | 2   |     |     |   |   |
| 25     | 1    | 23414-080000 | GASKET 8, ROUND                                                               | 1    | 1   | 1   | 1   |     |     |   |   |
| 26     | 1    | 23414-120000 | GASKET 12, ROUND                                                              | 4    | 4   | 4   | 4   |     |     |   |   |
| 27     | 1    | 22190-120002 | SEAL WASHER 12                                                                | 2    | 2   | 2   | 2   |     |     |   |   |
| 28     | 1    | 22190-120002 | SEAL WASHER 12                                                                | 4    | 4   | 4   | 4   |     |     |   |   |
| 29     | 1    | 23857-060000 | JOINT BOLT 6                                                                  | 2    | 2   | 2   | 2   |     |     |   |   |
| 30     | 1    | 23857-060000 | JOINT BOLT 6                                                                  | 1    | 1   | 1   | 1   |     |     |   |   |
| 31     | 1    | 128377-59560 | 3-WAY JOINT<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)            | 1    | 1   | 1   | 1   |     |     |   | W |
| I 31-1 | 1    | 128377-59560 | 3-WAY JOINT<br>(A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805)        | 1    | 1   | 1   | 1   |     |     |   | Z |
| 32     | 1    | 23000-016000 | CLAMP 16<br>(A=FROM 1ST) (B=FROM 1ST) (C=FROM 1ST) (D=FROM 1ST)               | 3    | 3   | 3   | 3   |     |     |   | W |
| I 32-1 | 1    | 23000-016000 | CLAMP 16<br>(A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805)           | 3    | 3   | 3   | 3   |     |     |   | Z |
| I 33   | 1    | 128377-59010 | BALL JOINT 8<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)       | 1    | 1   | 1   | 1   |     |     |   | W |
| I 34   | 1    | 104264-59020 | JOINT 12, PIPE<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)     | 1    | 1   | 1   | 1   |     |     |   | W |
| I 35   | 1    | 128370-59040 | PIPE, FUEL OIL<br>(A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011)     | 1    | 1   | 1   | 1   |     |     |   | W |



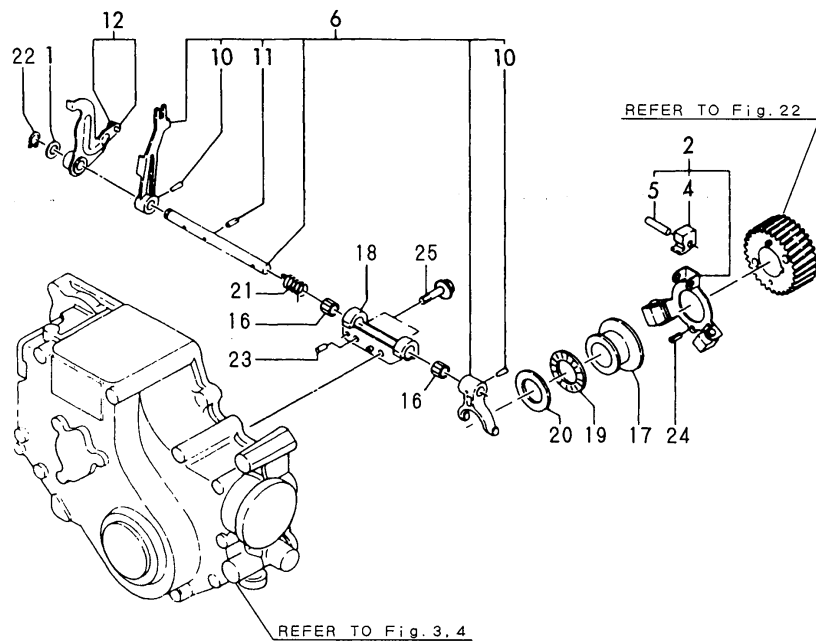
| REF. | LEV. | PARTS NO.     | DESCRIPTION           | Q'TY          |               |     |     |     |     | I R |
|------|------|---------------|-----------------------|---------------|---------------|-----|-----|-----|-----|-----|
|      |      |               |                       | (A)           | (B)           | (C) | (D) | (E) | (F) |     |
| I    | 36   | 1             | 23000-016000 CLAMP 16 | 2             | 2             | 2   | 2   |     |     | W   |
|      |      | (A=E/#E24021) | (B=E/#E23909)         | (C=E/#E23997) | (D=E/#E24011) |     |     |     |     |     |

Fig.46. FUEL RETURN PIPE

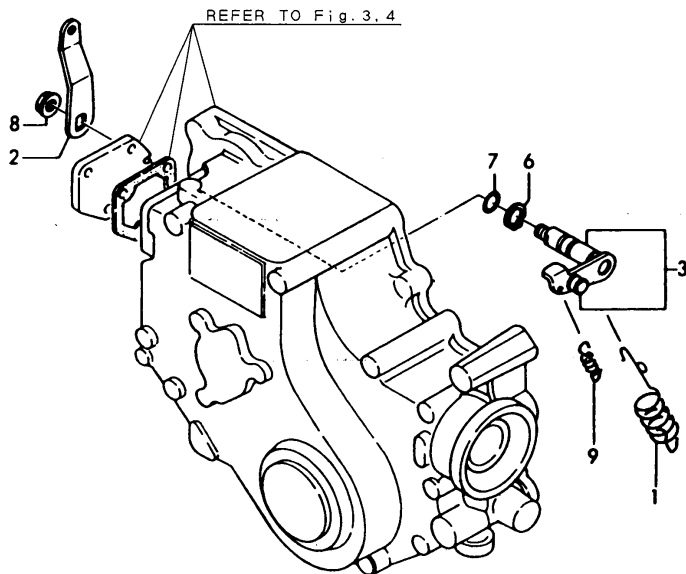


OCR10-G46001 46. FUEL RETURN PIPE

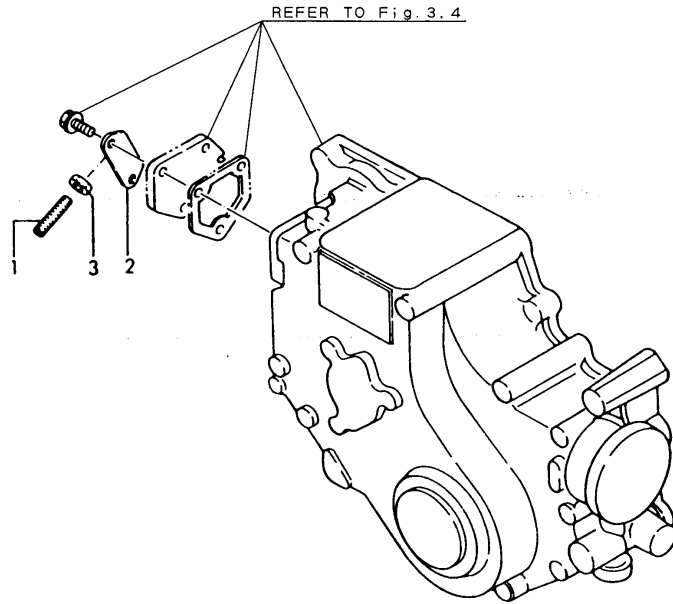
| REF. | LEV. | PARTS NO.                                               | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|---------------------------------------------------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                                                         |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128370-59500                                            | PIPE, FUEL RETURN    | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 103288-39170                                            | JOINT 8              | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | 124450-39180                                            | JOINT                | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 124790-59530                                            | JOINT                | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 1    | 101147-59810                                            | BOLT 8, PIPE JOINT   | 3    | 3   | 3   | 3   |     |     |   |   |
| 8    | 1    | 23414-080000                                            | GASKET 8, ROUND      | 6    | 6   | 6   | 6   |     |     |   |   |
| 9    | 1    | 119593-39450                                            | RETAINER             | 1    | 1   | 1   | 1   |     |     |   | W |
| I    | 9-1  | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | RETAINER             | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) |                      |      |     |     |     |     |     |   |   |
| 10   | 1    | 119370-59040                                            | PIPE                 | 1    | 1   | 1   | 1   |     |     |   | W |
| I    | 10-1 | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | PIPE, FUEL OIL       | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) |                      |      |     |     |     |     |     |   |   |
| 11   | 1    | 128370-59100                                            | PIPE, FUEL OIL       | 1    | 1   | 1   | 1   |     |     |   | W |
| I    | 11-1 | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | PIPE, FUEL OIL       | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) |                      |      |     |     |     |     |     |   |   |
| 12   | 1    | 129957-59100                                            | PROTECTOR, FUEL PIPE | 1    | 1   | 1   | 1   |     |     |   | W |
| I    | 12-1 | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | PROTECTOR, FUEL PIPE | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E21479) (B=E/#E21465) (C=E/#E21401) (D=E/#E21459) |                      |      |     |     |     |     |     |   |   |
| I    | 12-2 | (A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) | PROTECTOR, FUEL PIPE | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E21983) (B=E/#E21915) (C=E/#E21991) (D=E/#E21989) |                      |      |     |     |     |     |     |   |   |
| 13   | 1    | 128377-59560                                            | 3-WAY JOINT          | 1    | 1   | 1   | 1   |     |     |   | W |
| I    | 14-1 | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | STOPPER              | 1    | 1   | 1   | 1   |     |     |   | W |
|      |      | (A=E/#E21983) (B=E/#E21915) (C=E/#E21991) (D=E/#E21989) |                      |      |     |     |     |     |     |   |   |
| I    | 15   | (A=E/#E24021) (B=E/#E23909) (C=E/#E23997) (D=E/#E24011) | RETAINER             | 1    | 1   | 1   | 1   |     |     |   | N |
|      |      | (A=E/#E21029) (B=E/#E20983) (C=E/#E20804) (D=E/#E20805) | CLAMP 16             | 4    | 4   | 4   | 4   |     |     |   | W |



| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) |   |   |
| 1    | 1    | 104211-42130 | SPACER               | 1    | 1   | 1   | 1   |   |   |
| 2    | 1    | 771016-61620 | WEIGHT, GOVERNER     | 1    | 1   | 1   | 1   |   |   |
| 4    | 2    | 105300-61200 | WEIGHT, GOVERNOR     | 3    | 3   | 3   | 3   |   |   |
| 5    | 2    | 121575-61220 | PIN, GOVERNOR WEIGHT | 3    | 3   | 3   | 3   |   |   |
| 6    | 1    | 721500-61560 | LEVER ASSY, GOVERNOR | 1    | 1   | 1   | 1   |   |   |
| 10   | 2    | 22322-030200 | TAPER PIN 3X20       | 2    | 2   | 2   | 2   |   |   |
| 11   | 2    | 22351-030012 | SPRING PIN 3X12      | 1    | 1   | 1   | 1   |   |   |
| 12   | 1    | 121575-61161 | LEVER ASSY, CONTROL  | 1    | 1   | 1   | 1   |   |   |
| 16   | 1    | 122410-61650 | BEARING, NEEDLE      | 2    | 2   | 2   | 2   |   |   |
| 17   | 1    | 121000-61600 | SLEEVE, GOVERNOR     | 1    | 1   | 1   | 1   |   |   |
| 18   | 1    | 121575-61620 | SUPPORT              | 1    | 1   | 1   | 1   |   |   |
| 19   | 1    | 24166-254202 | NEEDLE BEARING       | 1    | 1   | 1   | 1   |   |   |
| 20   | 1    | 121575-61720 | COLLAR, BEARING      | 1    | 1   | 1   | 1   |   |   |
| 21   | 1    | 121575-66310 | SPRING, STARTING     | 1    | 1   | 1   | 1   |   |   |
| 22   | 1    | 22242-000100 | CIRCLIP 10           | 1    | 1   | 1   | 1   |   |   |
| 23   | 1    | 22312-040080 | PIN 4X8,STRAIGHT     | 2    | 2   | 2   | 2   |   |   |
| 24   | 1    | 22351-040008 | SPRING PIN 4X 8      | 2    | 2   | 2   | 2   |   |   |
| 25   | 1    | 26106-060282 | BOLT M 6X 28 PLATED  | 2    | 2   | 2   | 2   |   |   |

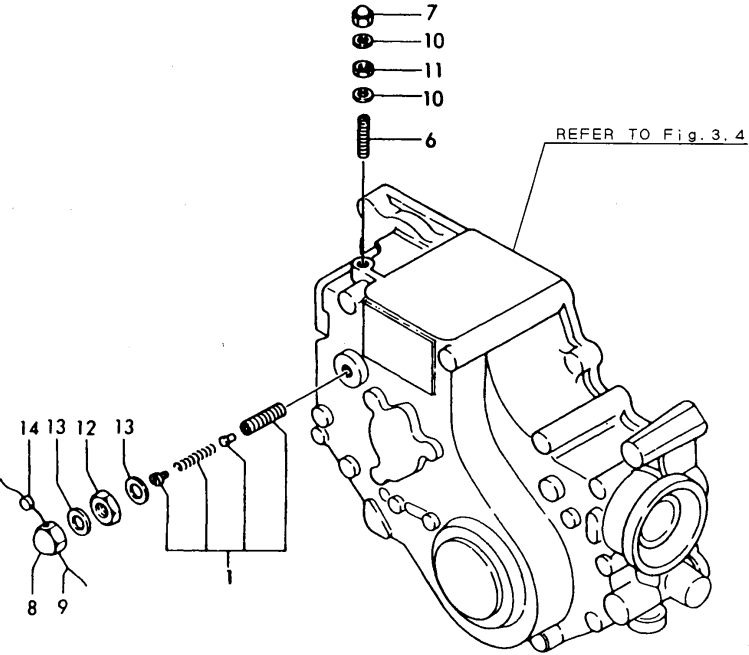


| REF. | LEV. | PARTS NO.    | DESCRIPTION         | QTY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|-----|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A) | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128270-66010 | SPRING, REGULATOR   | 1   | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 121575-66051 | HANDLE, REGULATOR   | 1   | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 121000-66090 | LEVER ASSY, REGULAT | 1   | 1   | 1   | 1   |     |     |   |   |
| 6    | 1    | 22242-000120 | CIRCLIP 12          | 1   | 1   | 1   | 1   |     |     |   |   |
| 7    | 1    | 24311-000090 | O-RING 1A P-9.0     | 1   | 1   | 1   | 1   |     |     |   |   |
| 8    | 1    | 26366-080002 | NUT M 8             | 1   | 1   | 1   | 1   |     |     |   |   |
| 9    | 1    | 121575-66200 | SPRING, REGULATOR   | 1   | 1   | 1   | 1   |     |     |   |   |



| REF. | LEV. | PARTS NO.    | DESCRIPTION   | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 121575-66800 | SCREW, ADJUST | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 121575-66850 | RETAINER      | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 26756-060002 | LOCK NUT 6    | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.50. FUEL CONTROL DEVICE

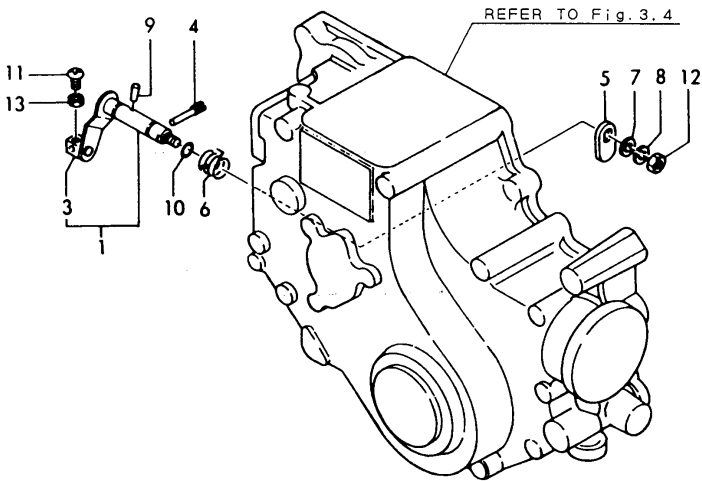


OCR10-G46001 50. FUEL CONTROL DEVICE

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION     | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|-----------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                 | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128270-66550 | CONTROLLER ASSY | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 1    | 121575-66800 | SCREW, ADJUST   | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 1    | 128170-66870 | CAP NUT M 6     | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 1    | 128170-66880 | CAP NUT M12     | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 1    | 22453-060000 | WIRE 0.6        | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 1    | 23414-060000 | GASKET 6, ROUND | 2    | 2   | 2   | 2   |     |     |   |   |
| 11   | 1    | 26756-060002 | LOCK NUT 6      | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 1    | 128170-66890 | LOCK NUT M12    | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 1    | 22190-120002 | SEAL WASHER 12  | 2    | 2   | 2   | 2   |     |     |   |   |
| 14   | 1    | 135210-61090 | LEAD            | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.51. ENGINE STOP DEVICE

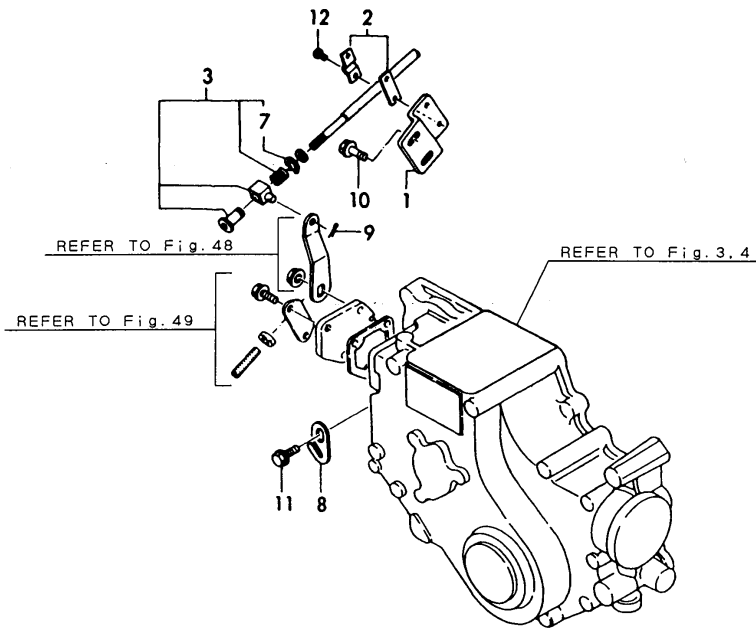


OCR10-G46001 51. ENGINE STOP DEVICE

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 121575-66510 | LEVER ASSY, ENG,STOP | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 104211-03770 | PLATE                | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 1    | 124250-03640 | SCREW, STOP          | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 1    | 121575-66550 | CAM                  | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 1    | 121575-66580 | SPRING, RETURN       | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 1    | 22117-060000 | WASHER 6             | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 1    | 22217-060000 | SPRING WASHER 6      | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 1    | 22322-030160 | TAPER PIN 3X16       | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 1    | 24311-000070 | O-RING 1A P-7.0      | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 1    | 26557-050122 | SCREW M 5X 12        | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 1    | 26716-060002 | NUT 6                | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 1    | 26756-050002 | LOCK NUT M 5 PLATED  | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.52. SPEED REMOTE CONTROL



OCR10-G46001 52. SPEED REMOTE CONTROL

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 105311-67100 | BRACKET, CABLE      | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 41710-000410 | CLAMP               | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 105311-67200 | RETAINER, JOINT     | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 22242-000100 | CIRCLIP 10          | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 1    | 128377-67580 | BRACKET, CABLE      | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 1    | 22360-080000 | SNAP PIN 8          | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 1    | 26106-060102 | BOLT M 6X 10 PLATED | 2    | 2   | 2   | 2   |     |     |   |   |
| 11   | 1    | 26106-060122 | BOLT M 6X 12 PLATED | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 1    | 26557-050122 | SCREW M 5X 12       | 2    | 2   | 2   | 2   |     |     |   |   |

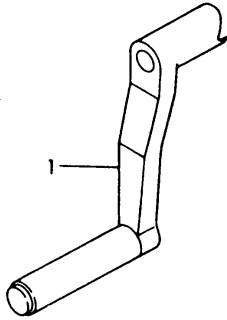
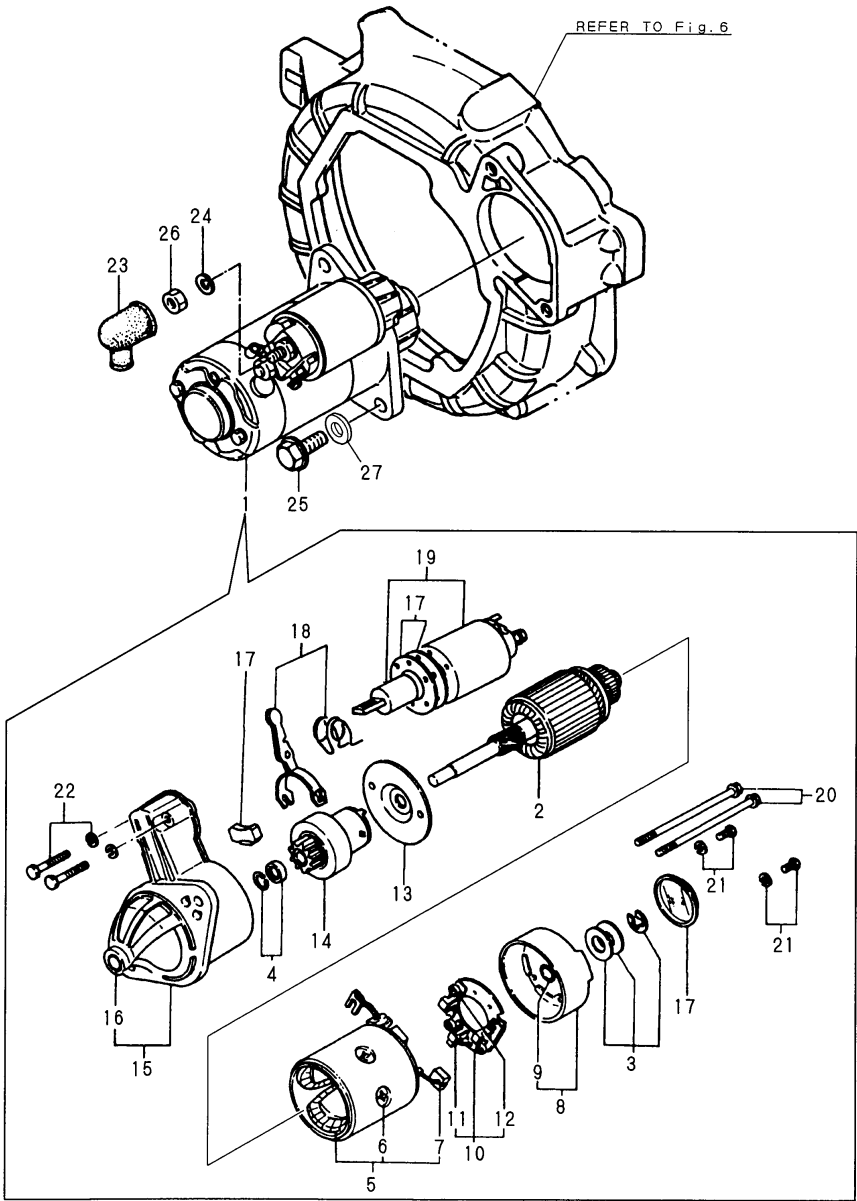
[illegible]

Fig.54. STARTING MOTOR

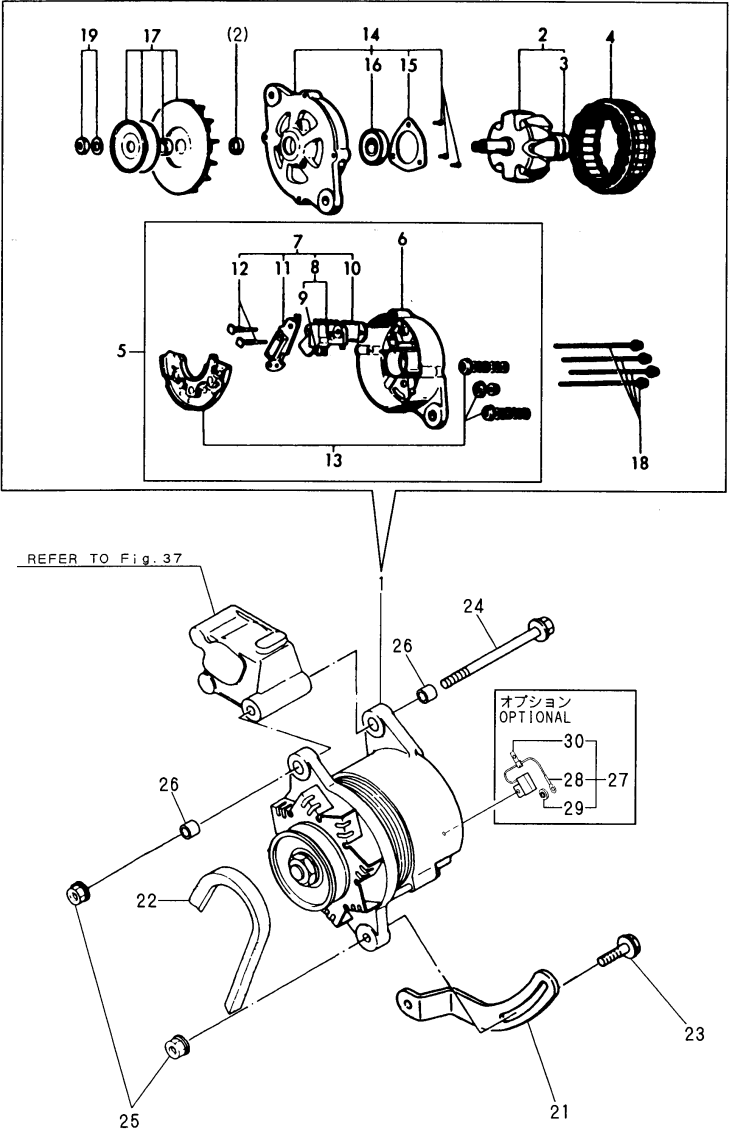


Remarks  
(1)HITACHI:S114-303

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128170-77010 | STARTER             | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 2    | 2    | X211451005   | ARMATURE            | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | X21148110    | WASHER SET, THRUST  | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | X21147155    | STOPPER SET, PINION | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | X211462101   | COIL ASSY, FIELD    | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 3    | X21143215    | SCREW, CORE         | 4    | 4   | 4   | 4   |     |     |   |   |
| 7    | 3    | X21145312    | BRUSH (+)           | 2    | 2   | 2   | 2   |     |     |   |   |
| 8    | 2    | X211413005   | COVER ASSY          | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 3    | X21145352    | METAL               | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 2    | X211433101   | HOLDER              | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 3    | X21148313    | BRUSH (-)           | 2    | 2   | 2   | 2   |     |     |   |   |
| 12   | 3    | X2114314     | SPRING              | 4    | 4   | 4   | 4   |     |     |   |   |
| 13   | 2    | X21144454    | PLATE               | 1    | 1   | 1   | 1   |     |     |   |   |
| 14   | 2    | X211415006   | PINION ASSY         | 1    | 1   | 1   | 1   |     |     |   |   |
| 15   | 2    | X211476503   | CASE ASSY           | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 3    | X21144661    | METAL, GEAR CASE    | 1    | 1   | 1   | 1   |     |     |   |   |
| 17   | 2    | X21146963    | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 18   | 2    | X21149652    | LEVER SET, SHIFT    | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | X211447009   | SWITCH              | 1    | 1   | 1   | 1   |     |     |   |   |
| 20   | 2    | X21148852    | BOLT, THROUGH       | 2    | 2   | 2   | 2   |     |     |   |   |
| 21   | 2    | X21142835    | SCREW SET           | 2    | 2   | 2   | 2   |     |     |   |   |
| 22   | 2    | X21145866    | BOLT                | 2    | 2   | 2   | 2   |     |     |   |   |
| 23   | 1    | 124550-77030 | COVER, TERMINAL     | 1    | 1   | 1   | 1   |     |     |   |   |
| 24   | 1    | 22217-080000 | SPRING WASHER 8     | 1    | 1   | 1   | 1   |     |     |   |   |
| 25   | 1    | 26106-100302 | BOLT M10X 30 PLATED | 2    | 2   | 2   | 2   |     |     |   |   |
| 26   | 1    | 26756-080002 | LOCK NUT M 8 PLATED | 1    | 1   | 1   | 1   |     |     |   |   |
| 27   | 1    | 22117-100000 | WASHER 10           | 2    | 2   | 2   | 2   |     |     |   |   |

Fig.55. GENERATOR

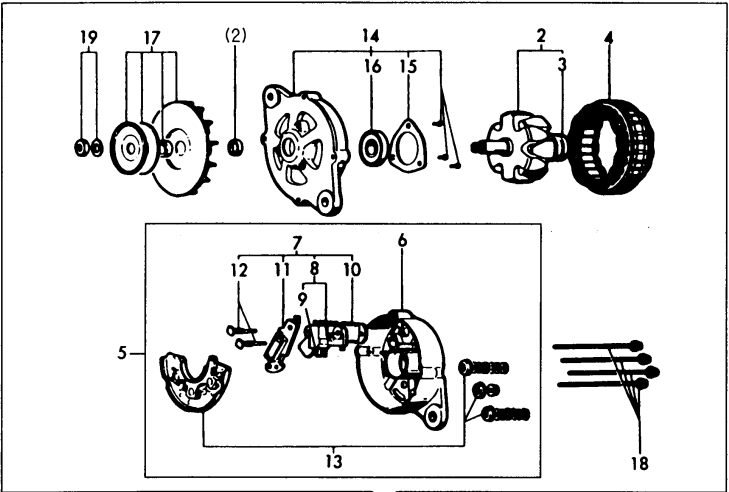


Remarks  
(1)HITACHI:LR155-20B  
(2)8INC.9  
(3)NOT ILLUSTRATED  
(4)OPTIONAL

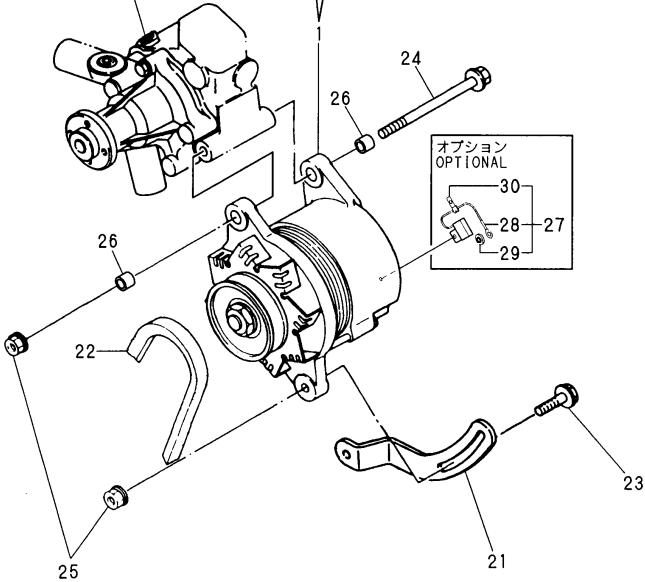
(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 129772-77200 | GENERATOR(12V-55A)   | 1    | 1   |     |     |     |     |   | 1 |
| 2    | 2    | XL15571001   | ROTOR ASSY           | 1    | 1   |     |     |     |     |   |   |
| 3    | 3    | X6201SD      | BALL BEARING         | 1    | 1   |     |     |     |     |   |   |
| 4    | 2    | XL15542001   | STATOR ASSY          | 1    | 1   |     |     |     |     |   |   |
| 5    | 2    | XL15553002   | COVER ASSY, REAR     | 1    | 1   |     |     |     |     |   |   |
| 6    | 3    | XL22553012   | COVER, REAR          | 1    | 1   |     |     |     |     |   |   |
| 7    | 3    | XL1556315    | REGULATOR ASSY,BRUSH | 1    | 1   |     |     |     |     |   |   |
| 8    | 4    | XL2255330    | BRUSH ASSY           | 1    | 1   |     |     |     |     |   | 2 |
| 9    | 4    | XL12013262   | BRUSH                | 2    | 2   |     |     |     |     |   |   |
| 10   | 4    | XTR1Z63      | REGULATOR            | 1    | 1   |     |     |     |     |   |   |
| 11   | 4    | XL2251318    | CONDENCER ASSY       | 1    | 1   |     |     |     |     |   |   |
| 12   | 4    | XL13513134   | BOLT M5              | 2    | 2   |     |     |     |     |   |   |
| 13   | 3    | XL2253320    | DIODE ASSY           | 1    | 1   |     |     |     |     |   |   |
| 14   | 2    | XL2253400    | FRONT COVER ASSY     | 1    | 1   |     |     |     |     |   |   |
| 15   | 3    | XL15014042   | BEARING RETAINER     | 1    | 1   |     |     |     |     |   |   |
| 16   | 3    | X6203BM      | BALL BEARING         | 1    | 1   |     |     |     |     |   |   |
| 17   | 2    | XL1557500    | PULLEY ASSY          | 1    | 1   |     |     |     |     |   |   |
| 18   | 2    | XL15018015   | BOLT, THROUGH        | 4    | 4   |     |     |     |     |   |   |
| 19   | 2    | XL1501810    | NUT ASSY, PULLEY     | 1    | 1   |     |     |     |     |   |   |
| 20   | 2    | XL15028001   | SCREW ASSY           | 1    | 1   |     |     |     |     |   | 3 |
| 21   | 1    | 128271-77330 | ADJUSTER, BELT       | 1    | 1   |     |     |     |     |   |   |
| 22   | 1    | 25132-003100 | V-BELT               | 1    | 1   |     |     |     |     |   |   |
| 23   | 1    | 26106-080302 | BOLT M 8X 30 PLATED  | 1    | 1   |     |     |     |     |   |   |
| 24   | 1    | 128271-77340 | BOLT M 8X120         | 1    | 1   |     |     |     |     |   |   |
| 25   | 1    | 26366-080002 | NUT M 8              | 2    | 2   |     |     |     |     |   |   |
| 26   | 1    | 105225-01900 | GUIDE, O-RING        | 2    | 2   |     |     |     |     |   |   |
| 27   | 1    | 129772-77250 | CONDENSER CMP        | 1    | 1   |     |     |     |     |   | 4 |
| 28   | 2    | 129772-77260 | CONDENSER            | 1    | 1   |     |     |     |     |   | 4 |
| 29   | 2    | 129772-77270 | ISOLATER             | 2    | 2   |     |     |     |     |   | 4 |
| 30   | 2    | 129772-77280 | CLAMP                | 1    | 1   |     |     |     |     |   | 4 |

Fig.56. GENERATOR



REFER TO Fig. 32

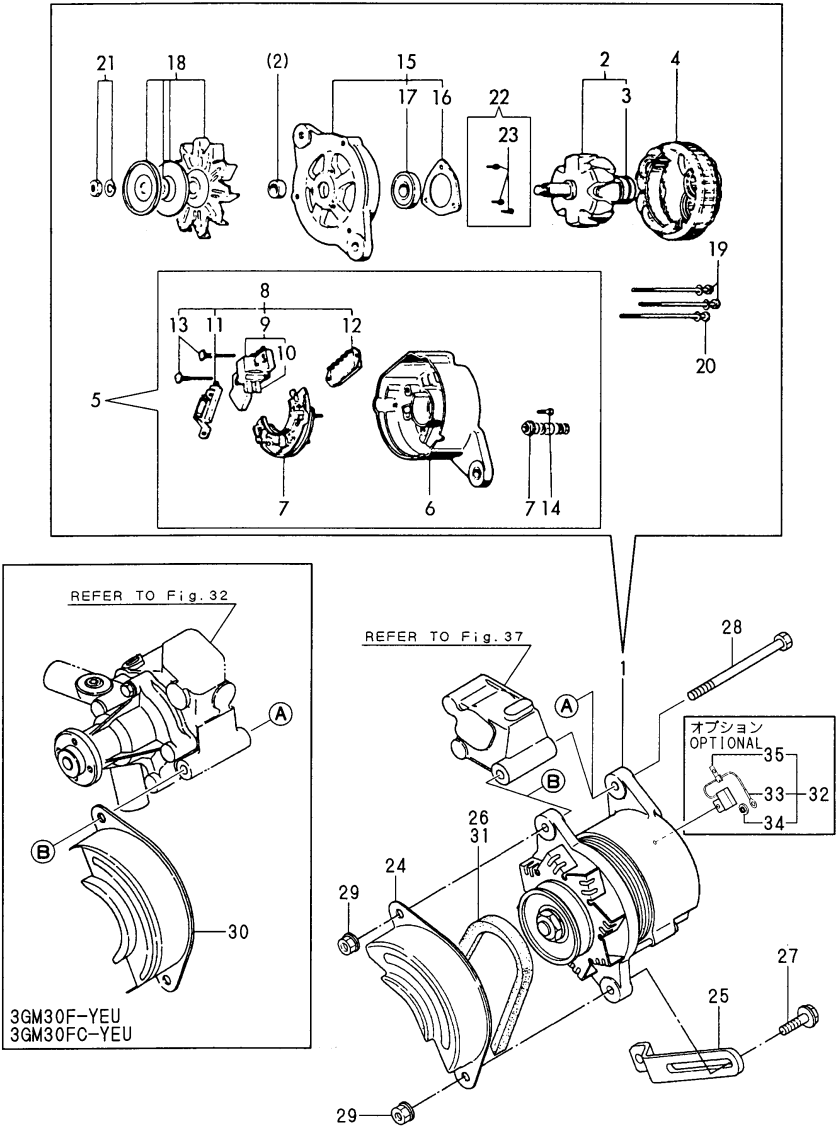


Remarks  
(1)HITACHI:LR155-20B  
(2)8INC.9  
(3)NOT ILLUSTRATED  
(4)OPTIONAL

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 129772-77200 | GENERATOR(12V-55A)   |      |     | 1   | 1   |     |     |   | 1 |
| 2    | 2    | XL15571001   | ROTOR ASSY           |      |     | 1   | 1   |     |     |   |   |
| 3    | 3    | X6201SD      | BALL BEARING         |      |     | 1   | 1   |     |     |   |   |
| 4    | 2    | XL15542001   | STATOR ASSY          |      |     | 1   | 1   |     |     |   |   |
| 5    | 2    | XL15553002   | COVER ASSY, REAR     |      |     | 1   | 1   |     |     |   |   |
| 6    | 3    | XL22553012   | COVER, REAR          |      |     | 1   | 1   |     |     |   |   |
| 7    | 3    | XL1556315    | REGULATOR ASSY,BRUSH |      |     | 1   | 1   |     |     |   |   |
| 8    | 4    | XL2255330    | BRUSH ASSY           |      |     | 1   | 1   |     |     |   | 2 |
| 9    | 4    | XL12013262   | BRUSH                |      |     | 2   | 2   |     |     |   |   |
| 10   | 4    | XTR1Z63      | REGULATOR            |      |     | 1   | 1   |     |     |   |   |
| 11   | 4    | XL2251318    | CONDENCER ASSY       |      |     | 1   | 1   |     |     |   |   |
| 12   | 4    | XL13513134   | BOLT M5              |      |     | 2   | 2   |     |     |   |   |
| 13   | 3    | XL2253320    | DIODE ASSY           |      |     | 1   | 1   |     |     |   |   |
| 14   | 2    | XL2253400    | FRONT COVER ASSY     |      |     | 1   | 1   |     |     |   |   |
| 15   | 3    | XL15014042   | BEARING RETAINER     |      |     | 1   | 1   |     |     |   |   |
| 16   | 3    | X6203BM      | BALL BEARING         |      |     | 1   | 1   |     |     |   |   |
| 17   | 2    | XL1557500    | PULLEY ASSY          |      |     | 1   | 1   |     |     |   |   |
| 18   | 2    | XL15018015   | BOLT, THROUGH        |      |     | 4   | 4   |     |     |   |   |
| 19   | 2    | XL1501810    | NUT ASSY, PULLEY     |      |     | 1   | 1   |     |     |   |   |
| 20   | 2    | XL15028001   | SCREW ASSY           |      |     | 1   | 1   |     |     |   | 3 |
| 21   | 1    | 128271-77330 | ADJUSTER, BELT       |      |     | 1   | 1   |     |     |   |   |
| 22   | 1    | 25132-003700 | V-BELT A37           |      |     | 1   | 1   |     |     |   |   |
| 23   | 1    | 26106-080302 | BOLT M 8X 30 PLATED  |      |     | 1   | 1   |     |     |   |   |
| 24   | 1    | 128271-77340 | BOLT M 8X120         |      |     | 1   | 1   |     |     |   |   |
| 25   | 1    | 26366-080002 | NUT M 8              |      |     | 2   | 2   |     |     |   |   |
| 26   | 1    | 105225-01900 | GUIDE, O-RING        |      |     | 2   | 2   |     |     |   |   |
| 27   | 1    | 129772-77250 | CONDENSER CMP        |      |     | 1   | 1   |     |     |   | 4 |
| 28   | 2    | 129772-77260 | CONDENSER            |      |     | 1   | 1   |     |     |   | 4 |
| 29   | 2    | 129772-77270 | ISOLATER             |      |     | 2   | 2   |     |     |   | 4 |
| 30   | 2    | 129772-77280 | CLAMP                |      |     | 1   | 1   |     |     |   | 4 |

Fig.57. GENERATOR(OPTIONAL)

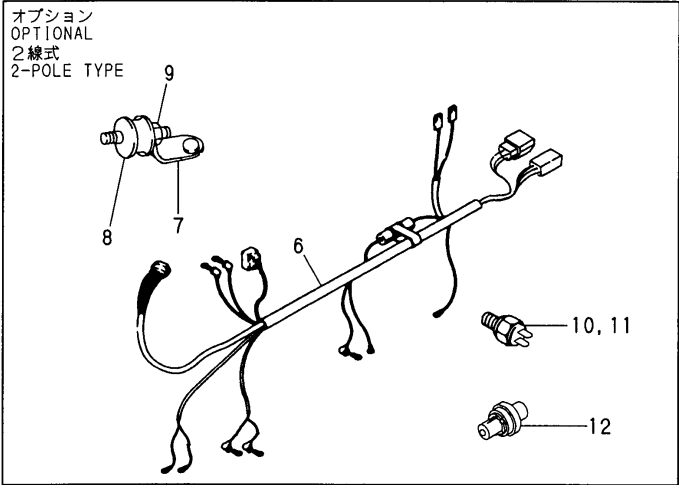
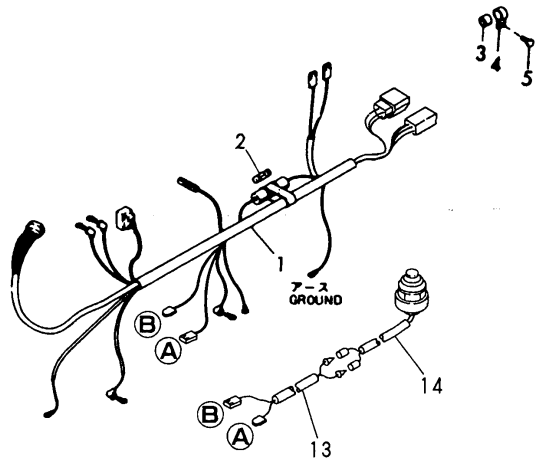


Remarks  
(1)HITACHI:LR135-105  
(2)9 INC.10  
(3)OPTIONAL

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128270-77200 | GENERATOR(12V-35A)   | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 2    | 2    | XL13561001   | ROTOR ASSY           | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 3    | X6201SD      | BALL BEARING         | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | XL13542001   | STATER ASSY          | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | XL13563003   | COVER ASSY           | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 3    | XL1358301    | COVER                | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 3    | XL1353320    | DIODE ASSY           | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 3    | XL13513152   | REGULATOR            | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 4    | XL1354326    | BRUSH, CARBON        | 1    | 1   | 1   | 1   |     |     |   | 2 |
| 10   | 4    | XL12013262   | BRUSH                | 2    | 2   | 2   | 2   |     |     |   |   |
| 11   | 4    | XL1352318    | CONDENSER ASSY       | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 4    | XTR1Z63      | REGULATOR            | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 4    | XL13513134   | BOLT M5              | 2    | 2   | 2   | 2   |     |     |   |   |
| 14   | 3    | 26557-050142 | SCREW M 5X 14        | 1    | 1   | 1   | 1   |     |     |   |   |
| 15   | 2    | XL1359400    | COVER ASSY, FRONT    | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 3    | XL13514042   | RETAINER             | 1    | 1   | 1   | 1   |     |     |   |   |
| 17   | 3    | X6302BM      | BALL BEARING         | 1    | 1   | 1   | 1   |     |     |   |   |
| 18   | 2    | XL13525001   | PULLEY ASSY          | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | XL1254801    | BOLT, THROUGH        | 2    | 2   | 2   | 2   |     |     |   |   |
| 20   | 2    | XL1255801    | BOLT, THROUGH        | 1    | 1   | 1   | 1   |     |     |   |   |
| 21   | 2    | XB495469B    | NUT ASSY, PULLEY     | 1    | 1   | 1   | 1   |     |     |   |   |
| 22   | 2    | XL12010001   | SCREW KIT            | 1    | 1   | 1   | 1   |     |     |   |   |
| 23   | 3    | 26557-040122 | SCREW M 4X 12,PAN HD | 3    | 3   | 3   | 3   |     |     |   |   |
| 24   | 1    | 121250-77210 | COVER, GENERATOR     | 1    | 1   |     |     |     |     |   |   |
| 25   | 1    | 124790-77330 | ADJUSTER, BELT       | 1    | 1   | 1   | 1   |     |     |   |   |
| 26   | 1    | 25132-003000 | V-BELT               | 1    | 1   |     |     |     |     |   |   |
| 27   | 1    | 26106-080302 | BOLT M 8X 30 PLATED  | 1    | 1   | 1   | 1   |     |     |   |   |
| 28   | 1    | 26106-081202 | BOLT M 8X120 PLATED  | 1    | 1   | 1   | 1   |     |     |   |   |
| 29   | 1    | 26366-080002 | NUT M 8              | 2    | 2   | 2   | 2   |     |     |   |   |
| 30   | 1    | 128695-77210 | COVER, GENERATOR     |      |     | 1   | 1   |     |     |   |   |
| 31   | 1    | 25112-003601 | VELT A 36            |      |     | 1   | 1   |     |     |   |   |
| 32   | 1    | 128171-77250 | CONDENSER CMP        | 1    | 1   | 1   | 1   |     |     |   | 3 |
| 33   | 2    | 129772-77260 | CONDENSER            | 1    | 1   | 1   | 1   |     |     |   | 3 |
| 34   | 2    | 129772-77270 | ISOLATER             | 1    | 1   | 1   | 1   |     |     |   | 3 |
| 35   | 2    | 129772-77280 | CLAMP                | 1    | 1   | 1   | 1   |     |     |   | 3 |

Fig.58. WIRE HARNESS



Remarks  
(1)OPTIONAL: 2 POLE TYPE

OCR10-G46001 58. WIRE HARNESS

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

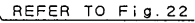
| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128271-77922 | HARNESS, WIRE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 46150-003680 | FUSE 30A            | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 124770-77940 | PROTECTOR           | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 1    | 124070-77950 | CLAMP               | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 1    | 26106-080142 | BOLT M 8X 14 PLATED | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 1    | 128391-77820 | WIRE HARNESS        | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 7    | 1    | 129590-59200 | CLAMP               | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 8    | 1    | 194555-62750 | RUBBER, CUSHION     | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 9    | 1    | 26716-080002 | NUT M 8             | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 10   | 1    | 128271-91320 | SWITCH, THERMO(65 C | 1    | 1   |     |     |     |     |   | 1 |
| 11   | 1    | 119173-91320 | SWITCH, THERMO(95 C |      |     | 1   | 1   |     |     |   | 1 |
| 12   | 1    | 126630-91591 | SWITCH,OIL PRESSURE | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 13   | 1    | 177074-06350 | HARNESS, WIRE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 14   | 1    | 120270-77101 | SWITCH              | 1    | 1   | 1   | 1   |     |     |   |   |

The Parts of this figure are not illustrated.

THIS FIGURE ARE NOT ILLUSTRATED.

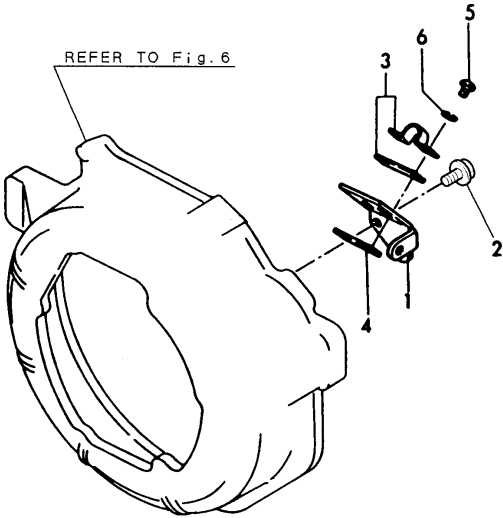
| REF.  | LEV. | PARTS NO.     | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|-------|------|---------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|       |      |               |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1     | 1    | 128171-81110  | CLUTCH KM2P I=2.21  | 1    |     | 1   |     |     |     |   |   |
| 2     | 1    | 128171-81120  | CLUTCH KM2P I=2.62  | 1    |     | 1   |     |     |     |   |   |
| 3     | 1    | 128374-81130  | CLUTCH KM3P I=3.20  | 1    |     | 1   |     |     |     |   |   |
| 4     | 1    | 26106-080452  | BOLT M 8X 45 PLATED | 8    |     | 8   |     |     |     |   |   |
| I 4-1 | 1    | 26106-080282  | BOLT M 8X 28 PLATED | 8    |     | 8   |     |     |     |   | S |
|       |      | (A=E/#E23285) | (C=E/#E23284)       |      |     |     |     |     |     |   |   |

N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New, S:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
(C)Copy Rights YANMAR CO.,LTD.



N:Old  $\xleftrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xleftrightarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xleftrightarrow[\text{No}]{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.61. CLUTCH REMOTE CONTROL

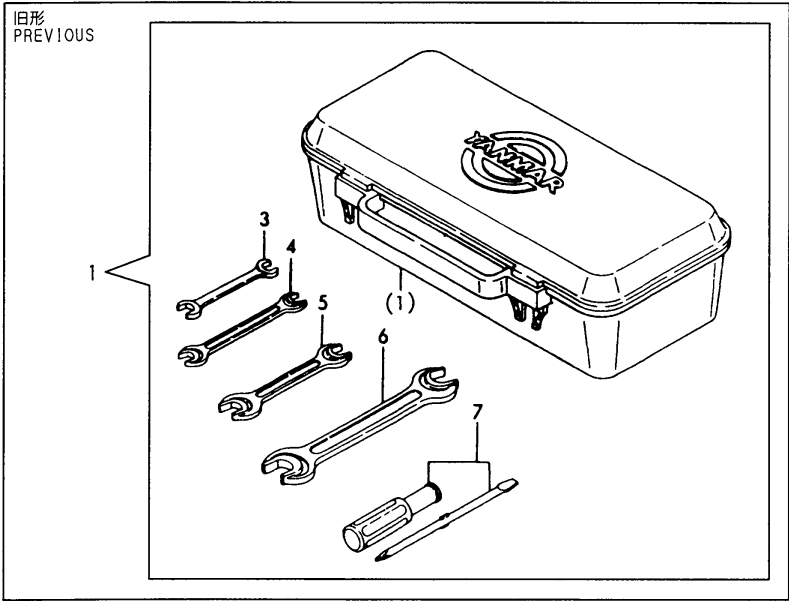
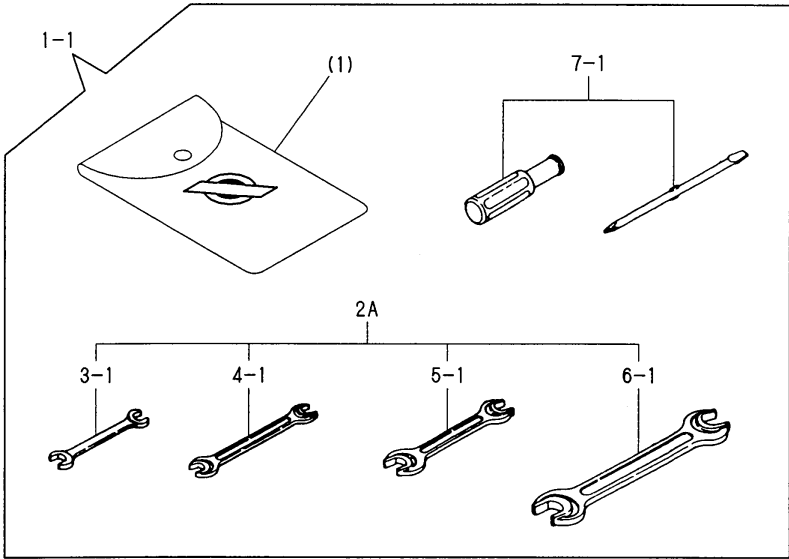


OCR10-G46001 61. CLUTCH REMOTE CONTROL

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128170-86300 | BRACKET, CABLE      | 1    |     | 1   |     |     |     |   |   |
| 2    | 1    | 26106-060142 | BOLT M 6X 14 PLATED | 2    |     | 2   |     |     |     |   |   |
| 3    | 1    | 41710-000410 | CLAMP               | 1    |     | 1   |     |     |     |   |   |
| 4    | 1    | 121574-86320 | RETAINER            | 1    |     | 1   |     |     |     |   |   |
| 5    | 1    | 26557-050122 | SCREW M 5X 12       | 2    |     | 2   |     |     |     |   |   |
| 6    | 1    | 22212-050000 | SPRING WASHER 5     | 2    |     | 2   |     |     |     |   |   |

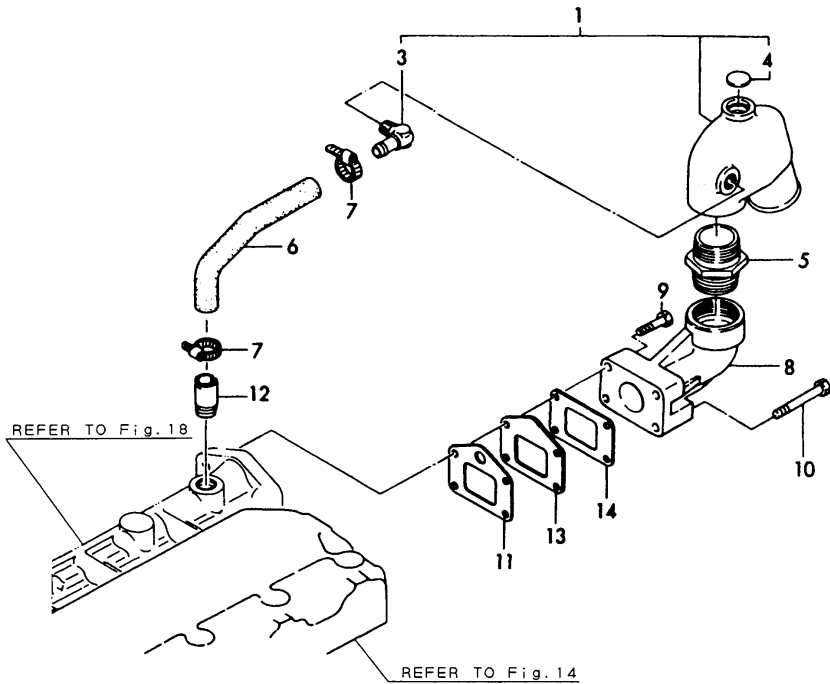
OCR10-G46001  
Fig.62. TOOL



OCR10-G46001 62. TOOL

| REF. | LEV. | PARTS NO.                                               | DESCRIPTION   | Q'TY |     |     |     |     |     | I | R |
|------|------|---------------------------------------------------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                                                         |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 724772-92100                                            | BOX, TOOL     | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 1-1  | 129270-92100                                            | TOOL BOX SET  | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
| I    | 2A   | 129270-92690                                            | SPANNER SET   | 1    | 1   | 1   | 1   |     |     |   | W |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
|      | 3    | 28110-100130                                            | WRENCH 10X13  | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 3-1  | 129270-92610                                            | SPANNER 10X13 | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
|      | 4    | 28110-120140                                            | WRENCH 12X14  | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 4-1  | 129270-92620                                            | SPANNER 12X14 | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
|      | 5    | 28110-170190                                            | WRENCH 17X19  | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 5-1  | 129270-92630                                            | SPANNER 17X19 | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
|      | 6    | 28110-220240                                            | WRENCH 22X24  | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 6-1  | 129270-92640                                            | SPANNER 22X24 | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |
|      | 7    | 104200-92350                                            | DRIVER, SCREW | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 7-1  | 129270-92650                                            | DRIVER        | 1    | 1   | 1   | 1   |     |     |   | R |
|      |      | (A=E/#E20299) (B=E/#E20303) (C=E/#E20301) (D=E/#E20308) |               |      |     |     |     |     |     |   |   |

Fig.63. MIXING ELBOW(OPTIONAL)

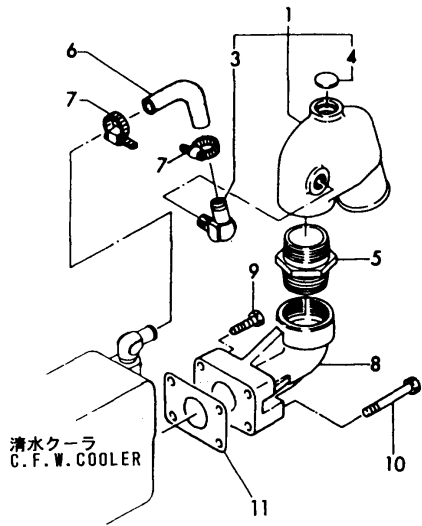


OCR10-G46001 63. MIXING ELBOW(OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 124070-13520 | ELBOW, MIXING       | 1    | 1   |     |     |     |     |   |   |
| 3    | 2    | 124070-13300 | ELBOW (PT3/8)       | 1    | 1   |     |     |     |     |   |   |
| 4    | 2    | 27233-250000 | PLUG 25             | 1    | 1   |     |     |     |     |   |   |
| 5    | 1    | 104214-13580 | JOINT               | 1    | 1   |     |     |     |     |   |   |
| 6    | 1    | 128370-49250 | PIPE, COOLING WATER | 1    | 1   |     |     |     |     |   |   |
| 7    | 1    | 23000-025000 | CLAMP 25            | 2    | 2   |     |     |     |     |   |   |
| 8    | 1    | 128370-13610 | ELBOW, EXHAUST      | 1    | 1   |     |     |     |     |   |   |
| 9    | 1    | 26203-080452 | BOLT M 8X 45        | 2    | 2   |     |     |     |     |   |   |
| 10   | 1    | 26203-080652 | BOLT M 8X 65        | 2    | 2   |     |     |     |     |   |   |
| 11   | 1    | 128370-13231 | GASKET              | 1    | 1   |     |     |     |     |   |   |
| 12   | 2    | 121575-49300 | JOINT PT 3/8        | 1    | 1   |     |     |     |     |   |   |
| 13   | 2    | 128370-13220 | SPACER              | 1    | 1   |     |     |     |     |   |   |
| 14   | 1    | 128370-13201 | GASKET, (NON-ASB.)  | 1    | 1   |     |     |     |     |   |   |

Fig.64. MIXING ELBOW(OPTIONAL)

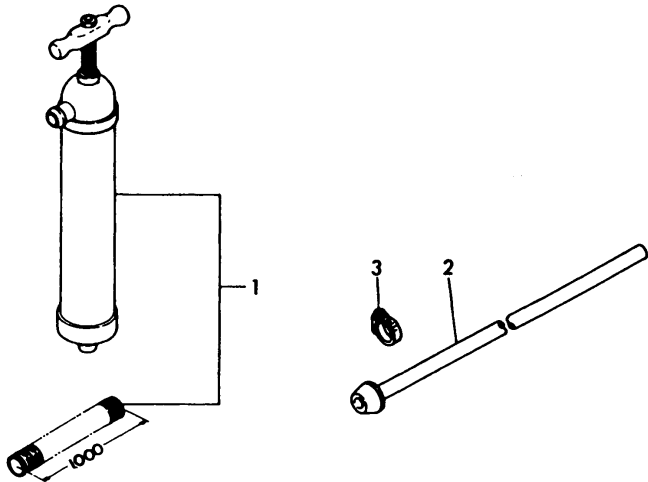


OCR10-G46001 64. MIXING ELBOW(OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 124070-13520 | ELBOW, MIXING       |      |     | 1   | 1   |     |     |   |   |
| 3    | 2    | 124070-13300 | ELBOW (PT3/8)       |      |     | 1   | 1   |     |     |   |   |
| 4    | 2    | 27233-250000 | PLUG 25             |      |     | 1   | 1   |     |     |   |   |
| 5    | 1    | 104214-13580 | JOINT               |      |     | 1   | 1   |     |     |   |   |
| 6    | 1    | 128690-49250 | PIPE, COOLING WATER |      |     | 1   | 1   |     |     |   |   |
| 7    | 1    | 23000-025000 | CLAMP 25            |      |     | 2   | 2   |     |     |   |   |
| 8    | 1    | 128370-13610 | ELBOW, EXHAUST      |      |     | 1   | 1   |     |     |   |   |
| 9    | 1    | 26203-080402 | BOLT M 8X 40        |      |     | 2   | 2   |     |     |   |   |
| 10   | 1    | 26203-080602 | BOLT M 8X 60        |      |     | 2   | 2   |     |     |   |   |
| 11   | 1    | 128370-13201 | GASKET, (NON-ASB.)  |      |     | 1   | 1   |     |     |   |   |

Fig.65. LUB.OIL WASTE PUMP(OPTIONAL)

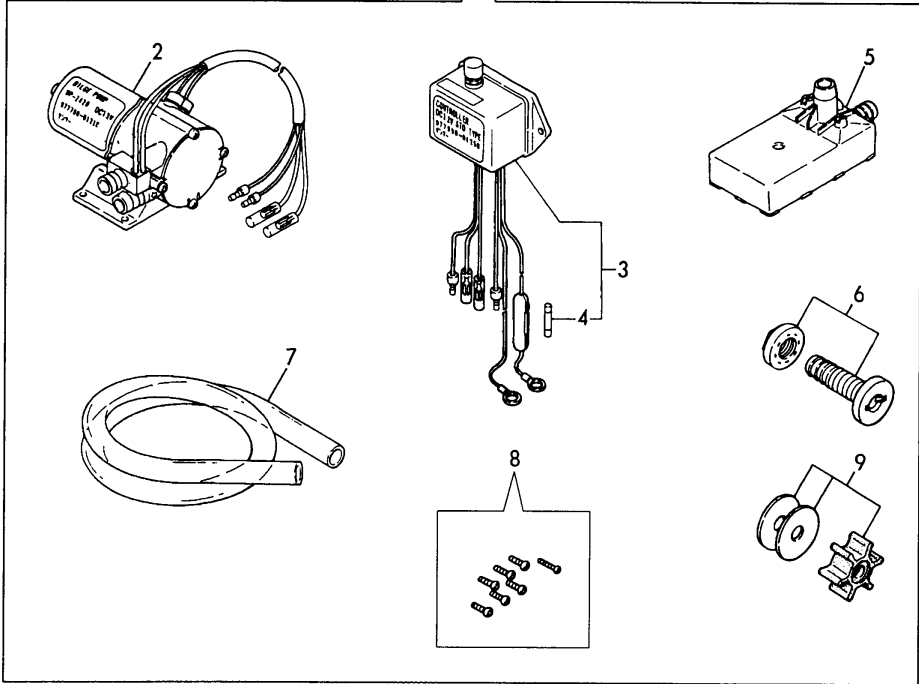
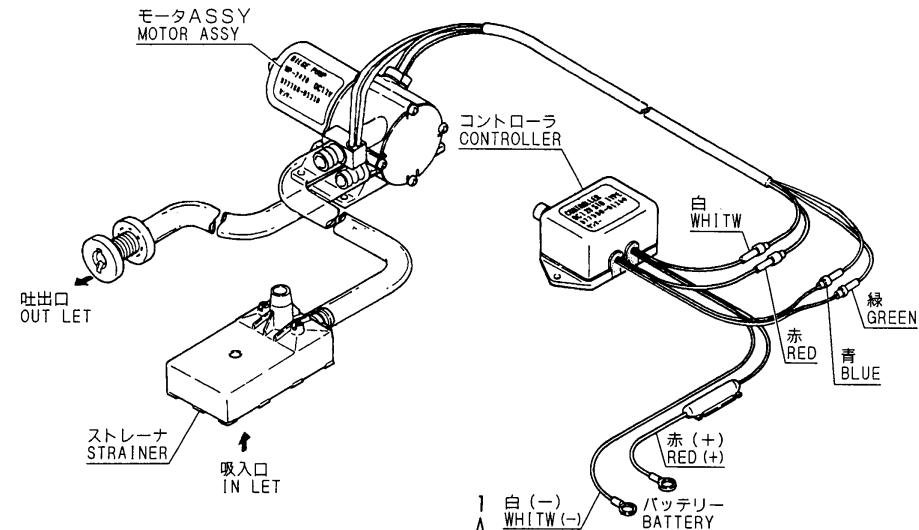


OCR10-G46001 65. LUB.OIL WASTE PUMP(OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION   | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 28210-000080 | PUMP          | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 128275-39710 | PIPE, LUB OIL | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 23080-018000 | CLAMP 18      | 3    | 3   | 3   | 3   |     |     |   |   |

Fig.66. BILGE PUMP(STD,OPTIONAL)

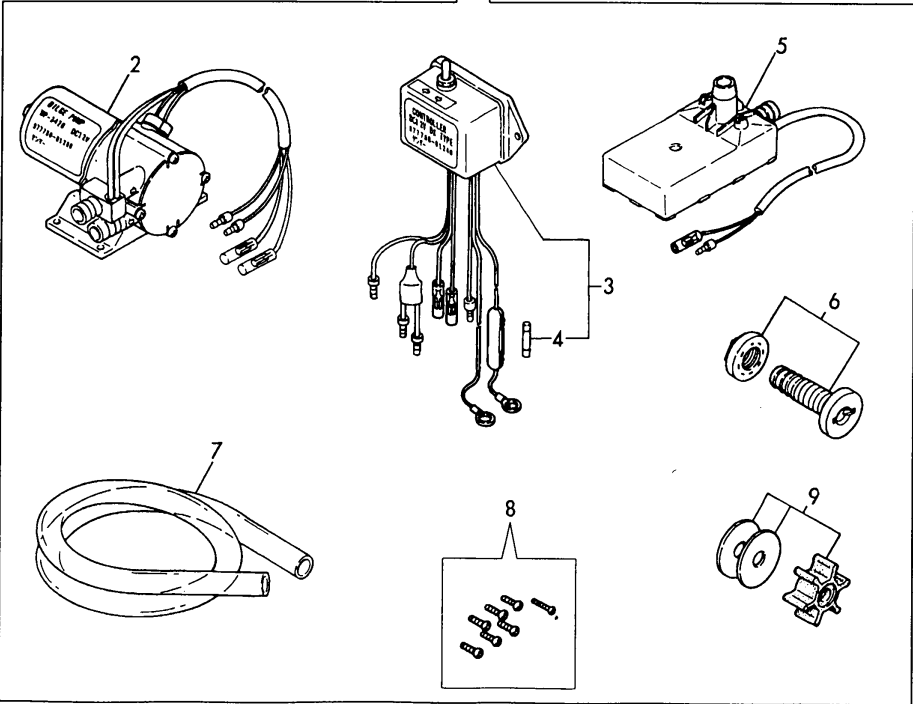
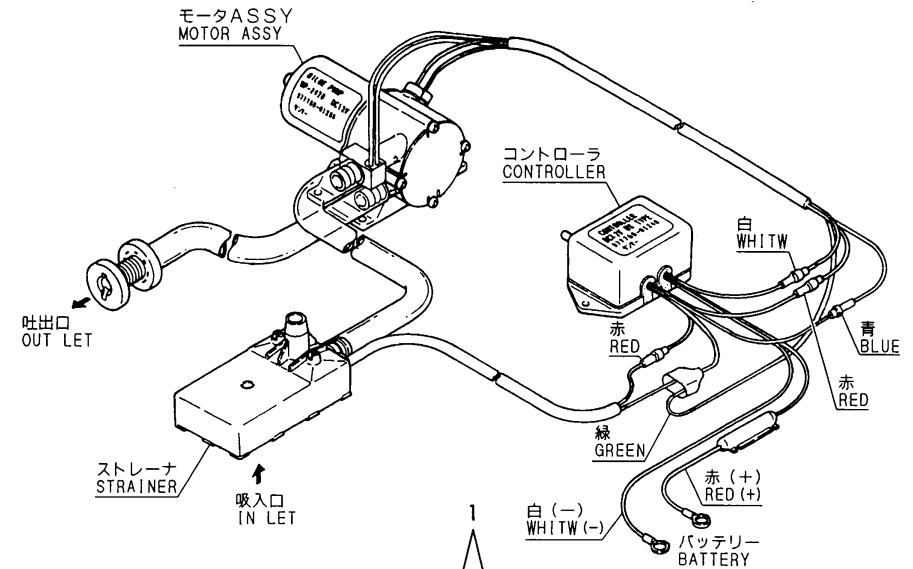


OCR10-G46001 66. BILGE PUMP(STD,OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 977780-01210 | PUMP(12V).BILGE      | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 977780-01230 | MOTOR ASSY(BILG PUMP | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 977780-01250 | CONTROLLER           | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 3    | X8636008003  | FUSE                 | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | X179100021X  | STRAINER             | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | X179100100X  | PIPE ASSY            | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | X0044021509  | HOSE A               | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | X199903800X  | SCREW KIT            | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 977780-03000 | INPELLER             | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.67. BILGE PUMP(DX,OPTIONAL)

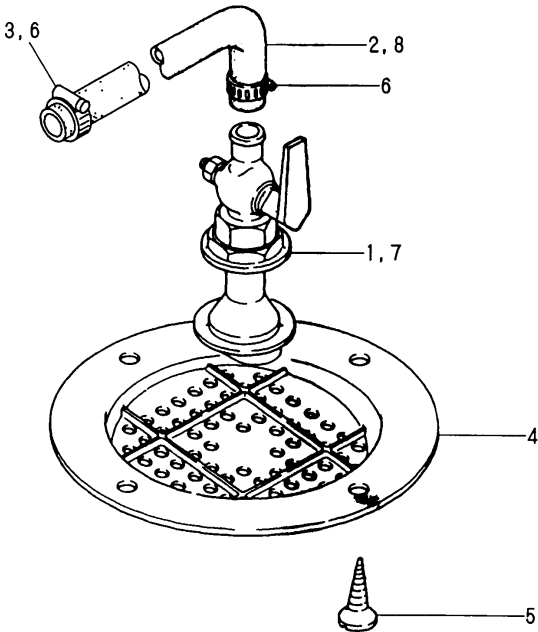


OCR10-G46001 67. BILGE PUMP(DX,OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 977780-01200 | PUMP(12V).BILGE      | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 977780-01230 | MOTOR ASSY(BILG PUMP | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 977780-01240 | CONTROLLER           | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 3    | X8636008003  | FUSE                 | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | X179100011X  | STRAINER             | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | X179100100X  | PIPE ASSY            | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | X0044021509  | HOSE A               | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | X199903800X  | SCREW KIT            | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 977780-03000 | INPELLER             | 1    | 1   | 1   | 1   |     |     |   |   |

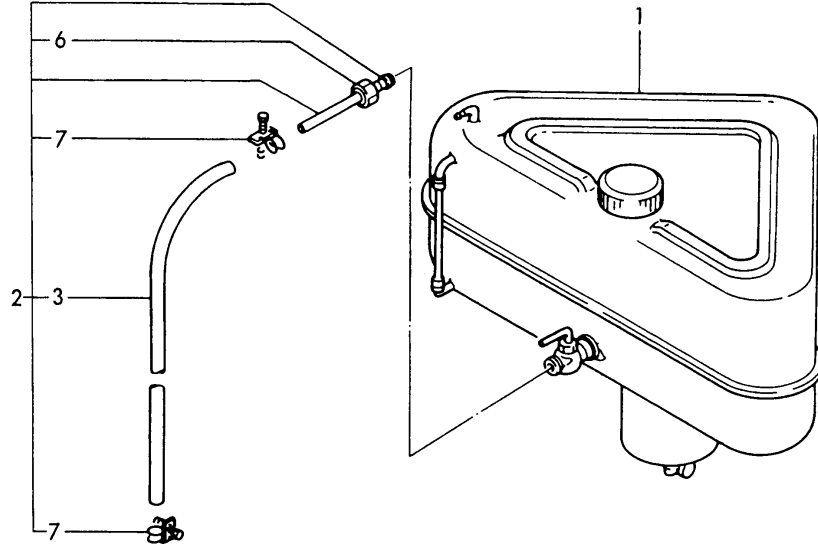
Fig.68. KINGSTON COCK(OPTIONAL)



OCR10-G46001 68. KINGSTON COCK(OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 43662-010030 | COCK ASSY, SEA WATER | 1    |     |     |     |     |     |   |   |
| 2    | 1    | 128377-49080 | PIPE, COOLING WATER  | 1    |     |     |     |     |     |   |   |
| 3    | 1    | 23000-022000 | CLAMP 22             | 1    |     |     |     |     |     |   |   |
| 4    | 1    | 43666-020951 | COVER, STRAINER      | 1    |     | 1   |     |     |     |   |   |
| 5    | 1    | 22724-800380 | SCREW 8X 38          | 4    |     | 4   |     |     |     |   |   |
| 6    | 1    | 23000-025000 | CLAMP 25             | 1    |     | 2   |     |     |     |   |   |
| 7    | 1    | 43662-015020 | COCK ASSY, SEA WATER |      |     |     | 1   |     |     |   |   |
| 8    | 1    | 124223-49050 | PIPE, COOLING WATER  |      |     |     | 1   |     |     |   |   |

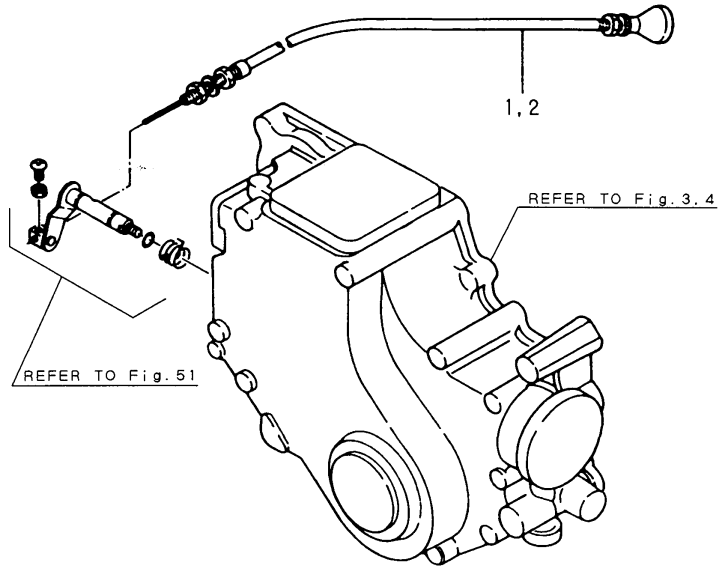


## 0CR10-G46001 69. FUEL TANK(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION      | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                  | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 83213-003012 | TANK (30L), FUEL | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 124070-59060 | PIPE, FUEL OIL   | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 124070-59130 | PIPE, FUEL OIL   | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 138603-59380 | CAP NUT          | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 23010-014000 | CLAMP 14         | 2    | 2   | 2   | 2   |     |     |   |   |



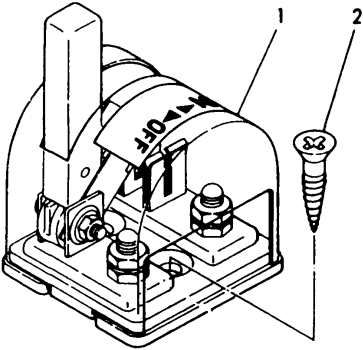
0CR10-G46001 70. ENGINE STOP CABLE(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION  | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|--------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |              | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 104271-67550 | CABLE L=3000 | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 129470-67560 | CABLE L=7000 | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.71. BATTERY SWITCH(OPTIONAL)

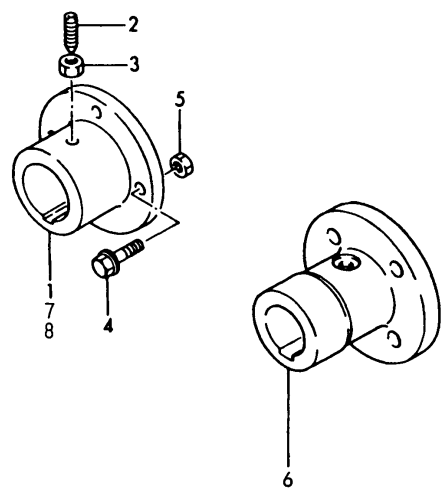


0CR10-G46001 71. BATTERY SWITCH(OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION     | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|-----------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                 | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 123310-77640 | SWITCH, BATTERY | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 22724-800380 | SCREW 8X 38     | 2    | 2   | 2   | 2   |     |     |   |   |

Fig.72. TAPER COUPLING(OPTIONAL)

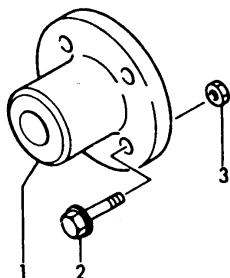


OCR10-G46001 72. TAPER COUPLING(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

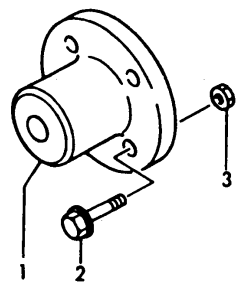
| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 48110-028063 | COUPLING 28, TAPER  | 1    |     | 1   |     |     |     |   | 1 |
| 2    | 1    | 48110-032411 | SCREW               | 1    |     | 1   |     |     |     |   |   |
| 3    | 1    | 26756-080002 | LOCK NUT M 8 PLATED | 1    |     | 1   |     |     |     |   |   |
| 4    | 1    | 26106-100322 | BOLT M10X 32 PLATED | 4    |     | 4   |     |     |     |   |   |
| 5    | 1    | 26706-100002 | NUT M10             | 4    |     | 4   |     |     |     |   |   |
| 6    | 1    | 48110-032502 | COUPLING            | 1    |     | 1   |     |     |     |   | 1 |
| I 7  | 1    | 48110-025063 | COUPLING 25, TAPER  | 1    |     | 1   |     |     |     |   | 1 |
| I 8  | 1    | 48110-522361 | COUPLING 22, TAPER  | 1    |     | 1   |     |     |     |   | 1 |

Remarks  
(1)SELECT PART



| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |
| 1    | 1    | 105583-85900 | COUPLING (22), SOLID | 1    |     | 1   |     |     |     |
| 2    | 1    | 26106-100322 | BOLT M10X 32 PLATED  | 4    |     | 4   |     |     |     |
| 3    | 1    | 26706-100002 | NUT M10              | 4    |     | 4   |     |     |     |

Fig.74. STRAIGHT COUPLING(OPTIONAL)

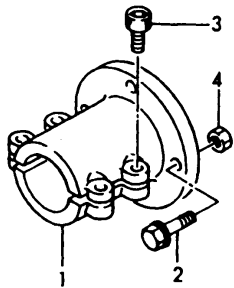


0CR10-G46001 74. STRAIGHT COUPLING(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 45414-500260 | COUPLING (16)       | 1    |     | 1   |     |     |     |   |   |
| 2    | 1    | 26106-100322 | BOLT M10X 32 PLATED | 4    |     | 4   |     |     |     |   |   |
| 3    | 1    | 26706-100002 | NUT M10             | 4    |     | 4   |     |     |     |   |   |

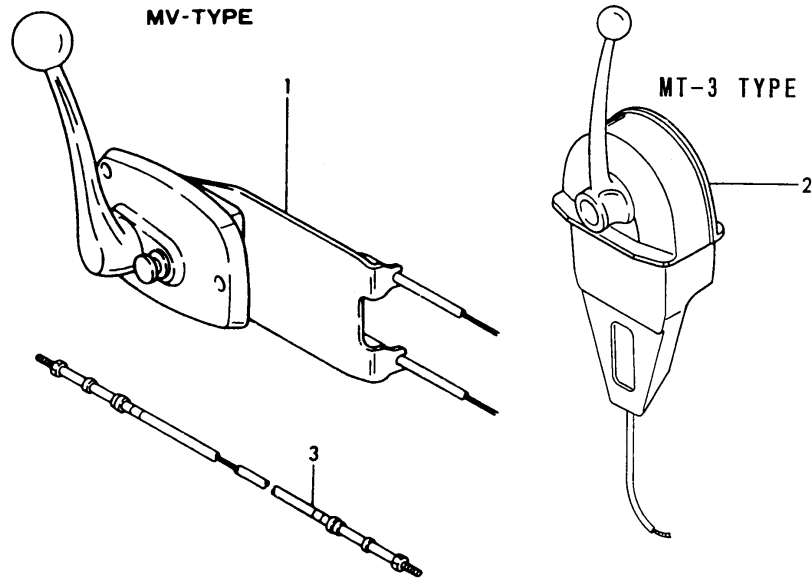
Fig.75. SLIT COUPLING(OPTIONAL)



75. SLIT COUPLING(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

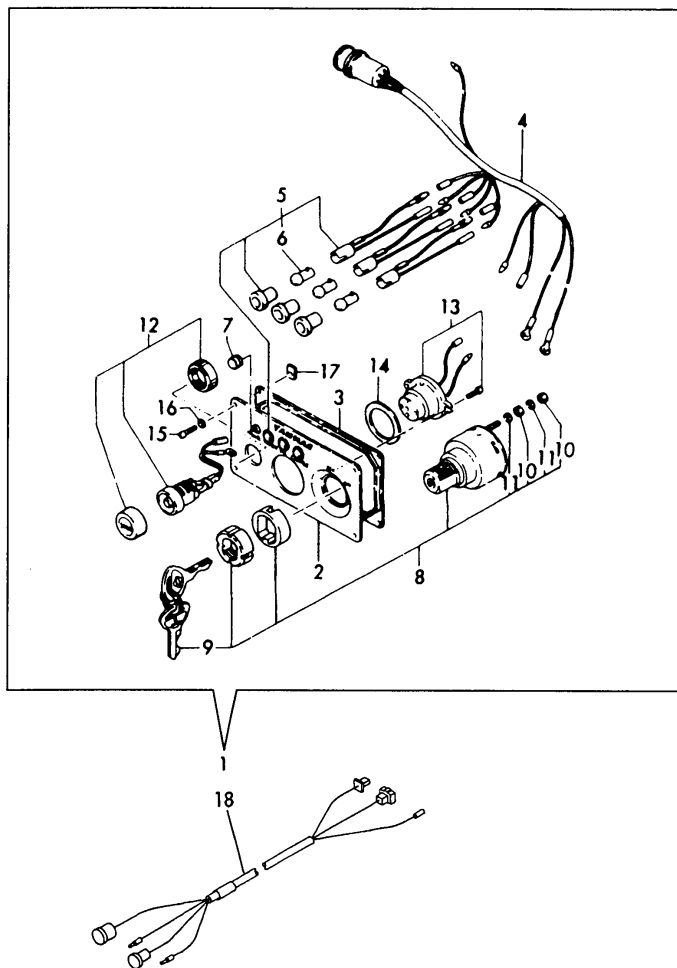
| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 104214-83980 | COUPLING (20), SLIT | 1    |     | 1   |     |     |     |   |   |
| 2    | 1    | 26106-100322 | BOLT M10X 32 PLATED | 4    |     | 4   |     |     |     |   |   |
| 3    | 1    | 26450-080282 | BOLT M 8X 28        | 4    |     | 4   |     |     |     |   |   |
| 4    | 1    | 26706-100002 | NUT M10             | 4    |     | 4   |     |     |     |   |   |



(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

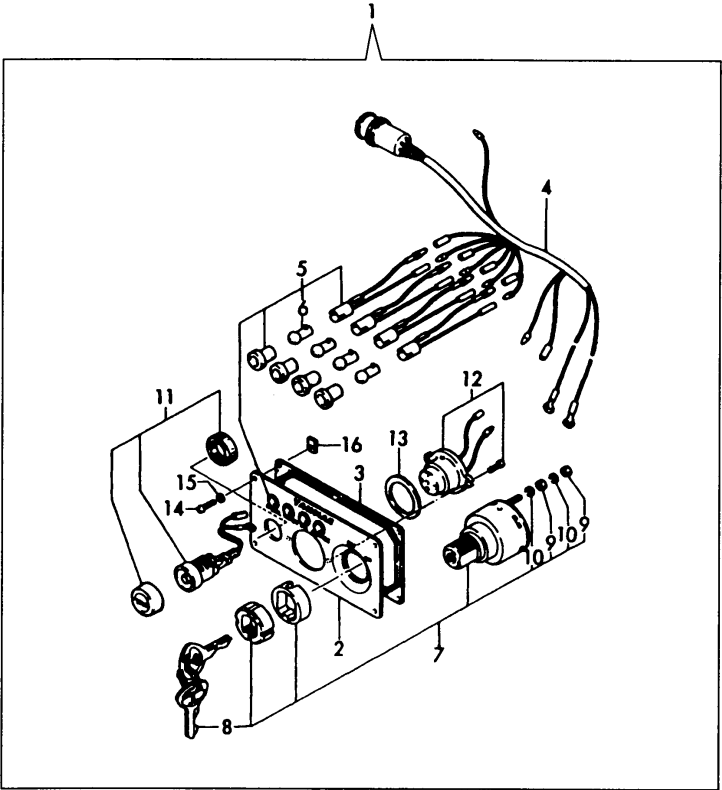
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION   | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128170-86500 | MOUNT         | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 1    | 41730-000681 | MT-3 REMO-CON | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 1    | 41710-000380 | CABLE L=4000  | 2    | 2   | 2   | 2   |     |     |   |   |



| REF. | LEV. | PARTS NO.    | DESCRIPTION          | QTY |     |     |     |     |     | I |
|------|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|
|      |      |              |                      | (A) | (B) | (C) | (D) | (E) | (F) |   |
| 1    | 1    | 128270-91001 | PANEL ASSY, INSTRUM  | 1   |     | 1   |     |     |     |   |
| 2    | 2    | 128270-91010 | HOUSING, PANEL       | 1   |     | 1   |     |     |     |   |
| 3    | 2    | 128270-91020 | PACKING              | 1   |     | 1   |     |     |     |   |
| 4    | 2    | 128270-91031 | HARNESS, WIRE        | 1   |     | 1   |     |     |     |   |
| 5    | 2    | 128270-91040 | LAMP, PILOT          | 3   |     | 3   |     |     |     |   |
| 6    | 3    | 46150-001110 | BULB(12V3W/G11.BA9S) | 3   |     | 3   |     |     |     |   |
| 7    | 2    | 128270-91230 | COVER                | 1   |     | 1   |     |     |     |   |
| 8    | 2    | 124070-91250 | SWITCH W/KEY         | 1   |     | 1   |     |     |     |   |
| 9    | 3    | 124070-91290 | KEY, SWITCH          | 1   |     | 1   |     |     |     |   |
| 10   | 3    | 26716-050002 | NUT M 5              | 4   |     | 4   |     |     |     |   |
| 11   | 3    | 22217-050000 | SPRING WASHER 5      | 4   |     | 4   |     |     |     |   |
| 12   | 2    | 124070-91300 | SWITCH               | 1   |     | 1   |     |     |     |   |
| 13   | 2    | 128270-91350 | BUZZER, ALARM        | 1   |     | 1   |     |     |     |   |
| 14   | 2    | 128270-91360 | PACKING, BUZZER      | 4   |     | 4   |     |     |     |   |
| 15   | 2    | 128170-91810 | SCREW M5             | 4   |     | 4   |     |     |     |   |
| 16   | 2    | 128170-91820 | WASHER 5             | 4   |     | 4   |     |     |     |   |
| 17   | 2    | 128170-91830 | PLATE NUT M5         | 4   |     | 4   |     |     |     |   |
| 18   | 1    | 128391-77860 | HARNESS. WIRE        | 1   |     | 1   |     |     |     |   |

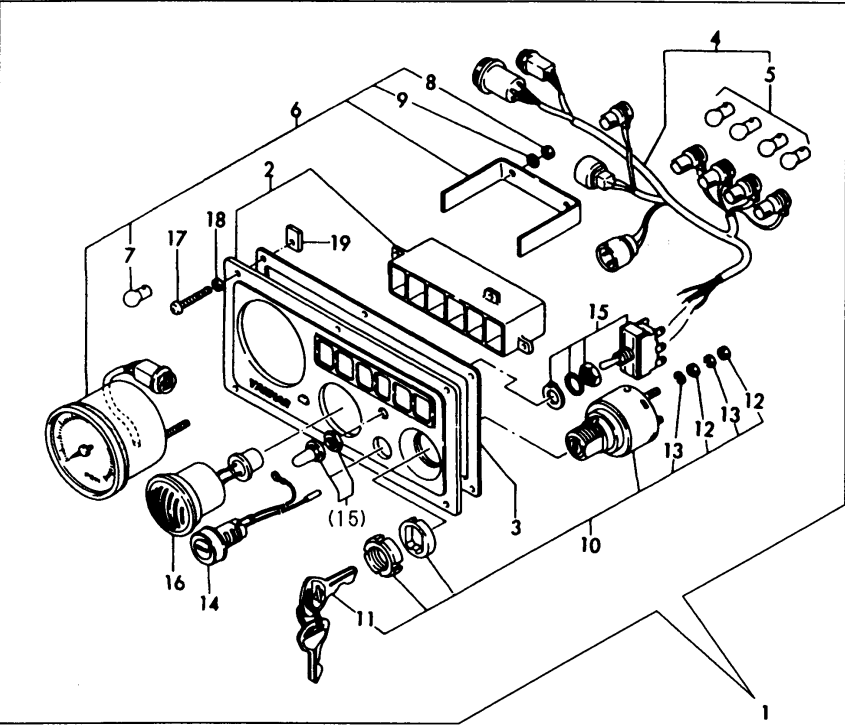
Fig.78. INSTRUMENT PANEL(A,SAIL,OPTION

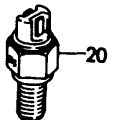


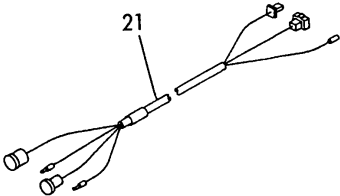
(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128371-91000 | PANEL ASSY, INSTRUM  |      | 1   |     | 1   |     |     |   |   |
| 2    | 2    | 128270-91010 | HOUSING, PANEL       |      | 1   |     | 1   |     |     |   |   |
| 3    | 2    | 128270-91020 | PACKING              |      | 1   |     | 1   |     |     |   |   |
| 4    | 2    | 128371-91030 | HARNESS, WIRE        |      | 1   |     | 1   |     |     |   |   |
| 5    | 2    | 128270-91040 | LAMP, PILOT          |      | 4   |     | 4   |     |     |   |   |
| 6    | 3    | 46150-001110 | BULB(12V3W/G11.BA9S) |      | 4   |     | 4   |     |     |   |   |
| 7    | 2    | 124070-91250 | SWITCH W/KEY         |      | 1   |     | 1   |     |     |   |   |
| 8    | 3    | 124070-91290 | KEY, SWITCH          |      | 1   |     | 1   |     |     |   |   |
| 9    | 3    | 26716-050002 | NUT M 5              |      | 4   |     | 4   |     |     |   |   |
| 10   | 3    | 22217-050000 | SPRING WASHER 5      |      | 4   |     | 4   |     |     |   |   |
| 11   | 2    | 124070-91300 | SWITCH               |      | 1   |     | 1   |     |     |   |   |
| 12   | 2    | 128270-91350 | BUZZER, ALARM        |      | 1   |     | 1   |     |     |   |   |
| 13   | 2    | 128270-91360 | PACKING, BUZZER      |      | 1   |     | 1   |     |     |   |   |
| 14   | 2    | 128170-91810 | SCREW M5             |      | 4   |     | 4   |     |     |   |   |
| 15   | 2    | 128170-91820 | WASHER 5             |      | 4   |     | 4   |     |     |   |   |
| 16   | 2    | 128170-91830 | PLATE NUT M5         |      | 4   |     | 4   |     |     |   |   |

Fig.79. INSTRUMENT PANEL(B,OPTIONAL)



  
フライホイールハウジングに取付  
FIX TO FLYWHEEL HOUSING



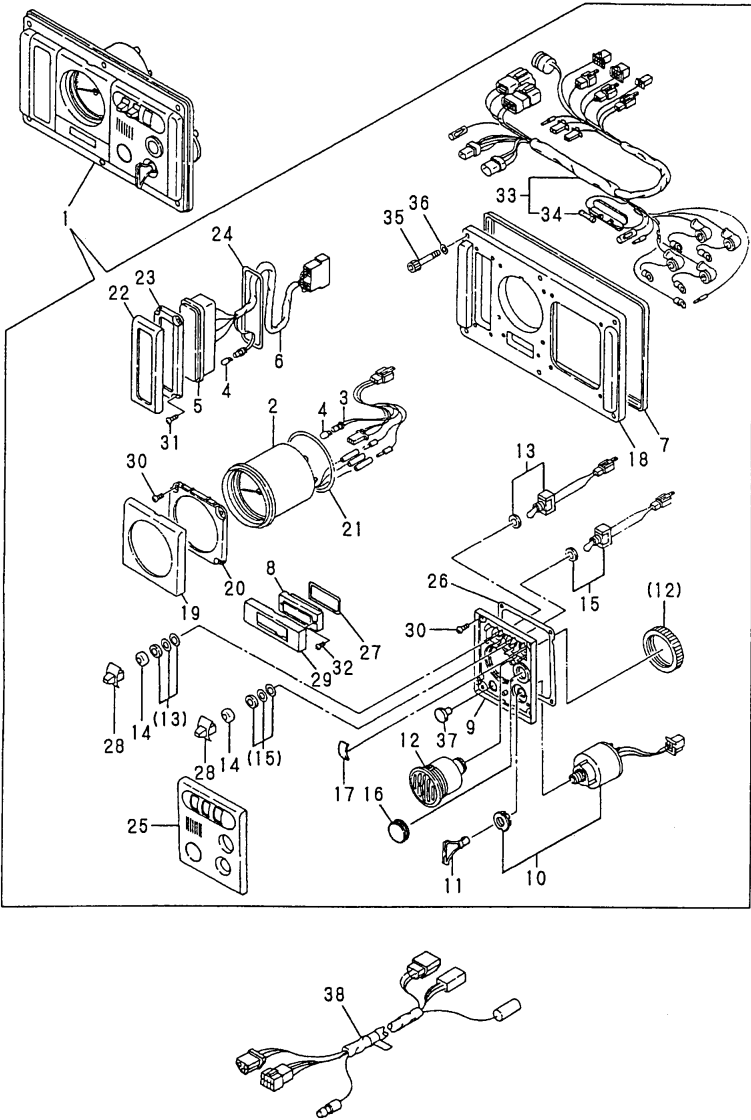
OCR10-G46001 79. INSTRUMENT PANEL(B,OPTIONAL)

(A)=3GM30-YEU (D)=3GM30FC-YEU  
(B)=3GM30C-YEU (E)=  
(C)=3GM30F-YEU (F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128170-91001 | PANEL ASSY, INSTRUM  | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 128170-91010 | HOUSING, PANEL       | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 128170-91020 | GASKET               | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 128170-91031 | HARNES, WIRE         | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 3    | 46150-001110 | BULB(12V3W/G11.BA9S) | 4    | 4   | 4   | 4   |     |     |   |   |
| 6    | 2    | 128170-91100 | TACHOMETER (P=97)    | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 3    | 46150-001110 | BULB(12V3W/G11.BA9S) | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 3    | 26716-050002 | NUT M 5              | 2    | 2   | 2   | 2   |     |     |   |   |
| 9    | 3    | 22217-050000 | SPRING WASHER 5      | 2    | 2   | 2   | 2   |     |     |   |   |
| 10   | 2    | 124070-91250 | SWITCH W/KEY         | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 3    | 124070-91290 | KEY, SWITCH          | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 3    | 26716-050002 | NUT M 5              | 4    | 4   | 4   | 4   |     |     |   |   |
| 13   | 3    | 22217-050000 | SPRING WASHER 5      | 4    | 4   | 4   | 4   |     |     |   |   |
| 14   | 2    | 124070-91300 | SWITCH               | 1    | 1   | 1   | 1   |     |     |   |   |
| 15   | 2    | 128170-91310 | SWITCH, LAMP         | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 2    | 104271-91351 | BUZZER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 17   | 2    | 128170-91810 | SCREW M5             | 6    | 6   | 6   | 6   |     |     |   |   |
| 18   | 2    | 128170-91820 | WASHER 5             | 6    | 6   | 6   | 6   |     |     |   |   |
| 19   | 2    | 128170-91830 | PLATE NUT M5         | 6    | 6   | 6   | 6   |     |     |   |   |
| 20   | 1    | 128170-91160 | SENSOR, TACHOMETER   | 1    | 1   | 1   | 1   |     |     |   |   |
| 21   | 1    | 128391-77860 | HARNES, WIRE         | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.80. INSTRUMENT PANEL(B,NEW,OPTION

P/C NEWS No:Y00R4601-5  
PUBLISHED: 2003/7



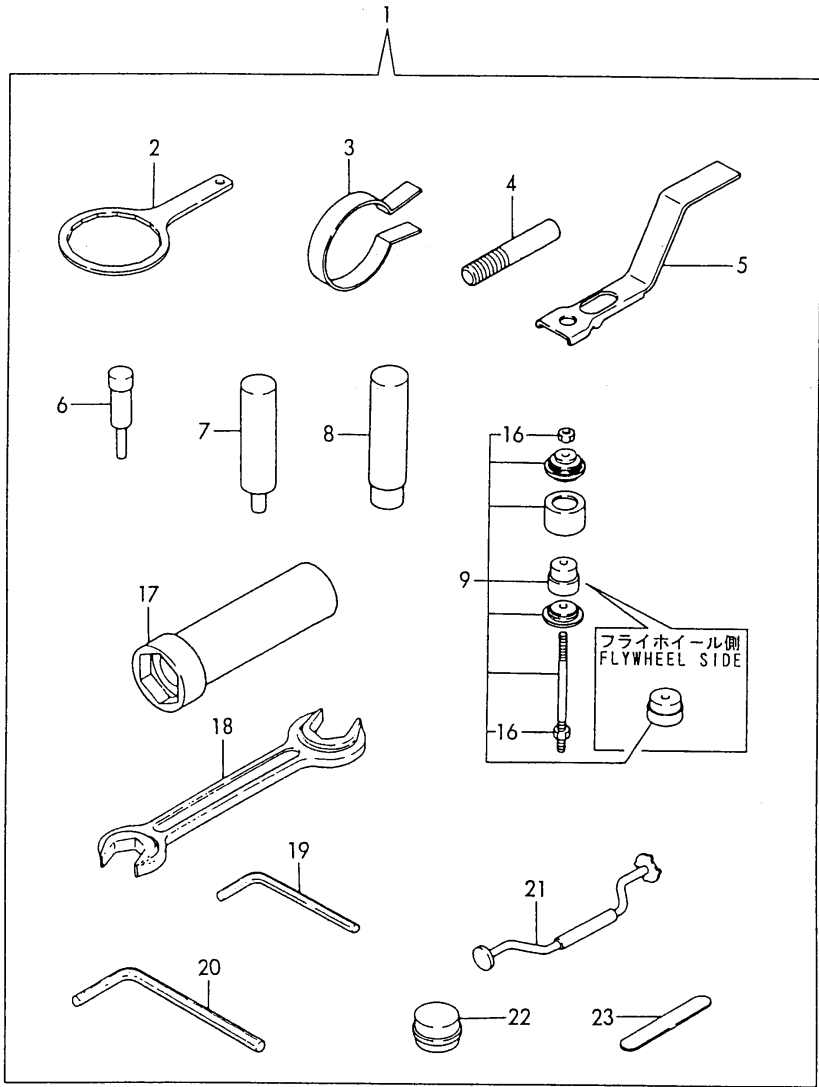
Remarks  
(1)LEBEL CHANGED : 3-2

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU

(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION         | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128391-91130 | PANEL ASSY, INSTRUM | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 128391-91200 | METER, TACHO./HOUR  | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 129574-91870 | WIRE                | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 4    | 2    | 124617-91980 | BULB                | 6    | 6   | 6   | 6   |     |     |   |   |
| 5    | 2    | 128391-91260 | BOX, ARARM          | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 128391-91860 | WIRE                | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 128391-91700 | PACKING             | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | 129170-91650 | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 129574-91410 | BRACKET             | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 2    | 121575-91250 | SWITCH W/KEY        | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 2    | 123482-91291 | KEY, SWITCH         | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 2    | 104271-91352 | BUZZER              | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 2    | 129170-91800 | SWITCH              | 1    | 1   | 1   | 1   |     |     |   |   |
| 14   | 2    | 129574-91780 | CAP                 | 2    | 2   | 2   | 2   |     |     |   | 1 |
| 15   | 2    | 129574-91790 | SWITCH              | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 2    | 120324-91690 | BLIND               | 1    | 1   | 1   | 1   |     |     |   |   |
| 17   | 2    | 129170-91810 | BLIND               | 1    | 1   | 1   | 1   |     |     |   |   |
| 18   | 2    | 128391-91930 | PANEL               | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | 129574-91620 | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 20   | 2    | 129574-91420 | BRACKET             | 1    | 1   | 1   | 1   |     |     |   |   |
| 21   | 2    | 129574-91720 | GASKET              | 1    | 1   | 1   | 1   |     |     |   |   |
| 22   | 2    | 128391-91640 | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 23   | 2    | 128391-91440 | PLATE               | 1    | 1   | 1   | 1   |     |     |   |   |
| 24   | 2    | 128391-91740 | GASKET              | 1    | 1   | 1   | 1   |     |     |   |   |
| 25   | 2    | 120324-91610 | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 26   | 2    | 129574-91710 | GASKET              | 1    | 1   | 1   | 1   |     |     |   |   |
| 27   | 2    | 129574-91750 | GASKET              | 1    | 1   | 1   | 1   |     |     |   |   |
| 28   | 2    | 129574-91770 | KNOB                | 2    | 2   | 2   | 2   |     |     |   |   |
| 29   | 2    | 129574-91650 | COVER               | 1    | 1   | 1   | 1   |     |     |   |   |
| 30   | 2    | 127692-91410 | SCREW               | 8    | 8   | 8   | 8   |     |     |   |   |
| 31   | 2    | 127692-91440 | SCREW               | 4    | 4   | 4   | 4   |     |     |   |   |
| 32   | 2    | 127692-91450 | SCREW               | 2    | 2   | 2   | 2   |     |     |   |   |
| 33   | 2    | 128391-91850 | HARNESS, WIRE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 34   | 3    | 124617-91990 | FUSE (3A)           | 1    | 1   | 1   | 1   |     |     |   |   |
| 35   | 2    | 127687-91870 | BOLT 6X 35          | 6    | 6   | 6   | 6   |     |     |   |   |
| 36   | 2    | 127687-91880 | WASHER              | 6    | 6   | 6   | 6   |     |     |   |   |
| 37   | 2    | 129574-91760 | BLIND               | 1    | 1   | 1   | 1   |     |     |   |   |
| 38   | 1    | 128391-77700 | HARNESS, WIRE(3M)   | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.81. SPECIAL TOOL(OPTIONAL)

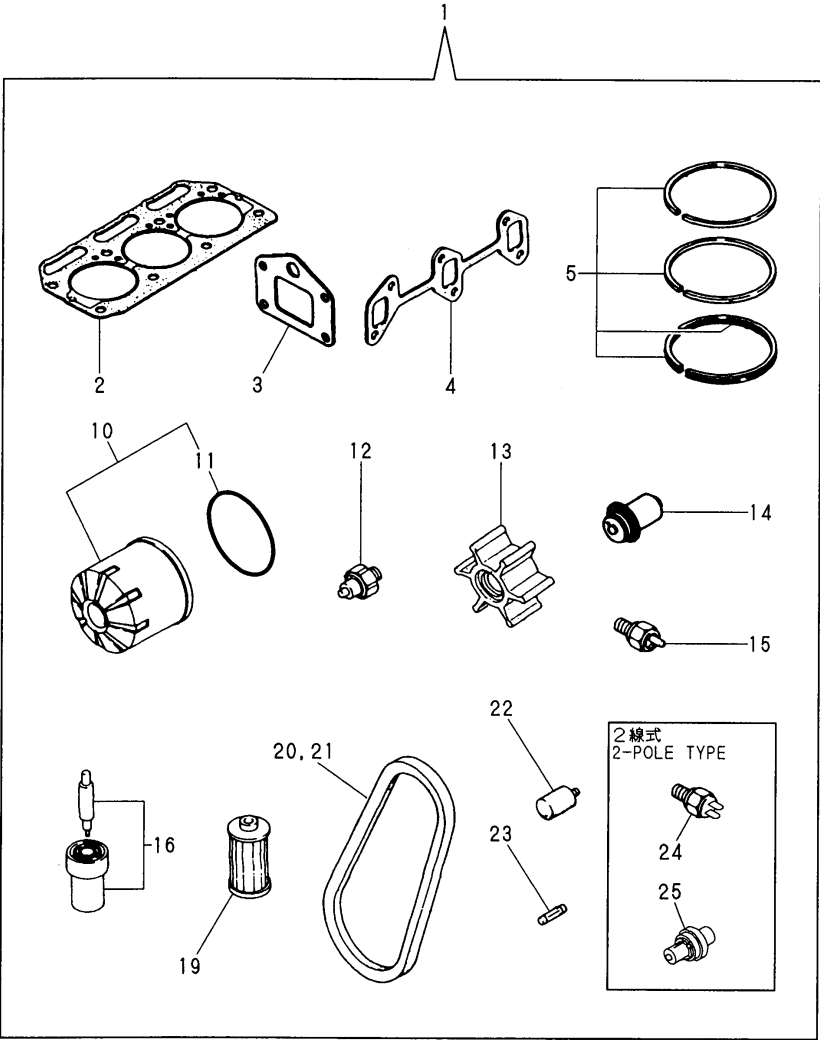


OCR10-G46001 81. SPECIAL TOOL(OPTIONAL)

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728270-92401 | TOOL, ASSY, SPECIAL  | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 119640-92750 | WRENCH, FILTER       | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 101200-92140 | TOOL, PISTON&RING    | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 101104-92180 | PULLER, NOZZLE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | 124085-92210 | REMOVER, VALVE       | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 124085-92250 | REMOVER, VALVE GUIDE | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 124085-92260 | REMOVER, PISTON PIN  | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | 124085-92270 | REMOVER, PIN BUSH    | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 124085-92400 | REPLACER, MAIN BERG. | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 3    | 26716-160002 | NUT M16              | 2    | 2   | 2   | 2   |     |     |   |   |
| 17   | 2    | 124085-92700 | WRENCH               | 1    | 1   | 1   | 1   |     |     |   |   |
| 18   | 2    | 28110-270300 | WRENCH 27X30         | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | 28150-040000 | BAR WRENCH           | 1    | 1   | 1   | 1   |     |     |   |   |
| 20   | 2    | 28150-050000 | BAR WRENCH           | 1    | 1   | 1   | 1   |     |     |   |   |
| 21   | 2    | 28210-000031 | RAPPING TOOL         | 1    | 1   | 1   | 1   |     |     |   |   |
| 22   | 2    | 28210-000070 | LAPPING POWDER       | 1    | 1   | 1   | 1   |     |     |   |   |
| 23   | 2    | 28312-200750 | THICKNESS GAUGE      | 1    | 1   | 1   | 1   |     |     |   |   |

Fig.82. REPAIR PART(OPTIONAL)

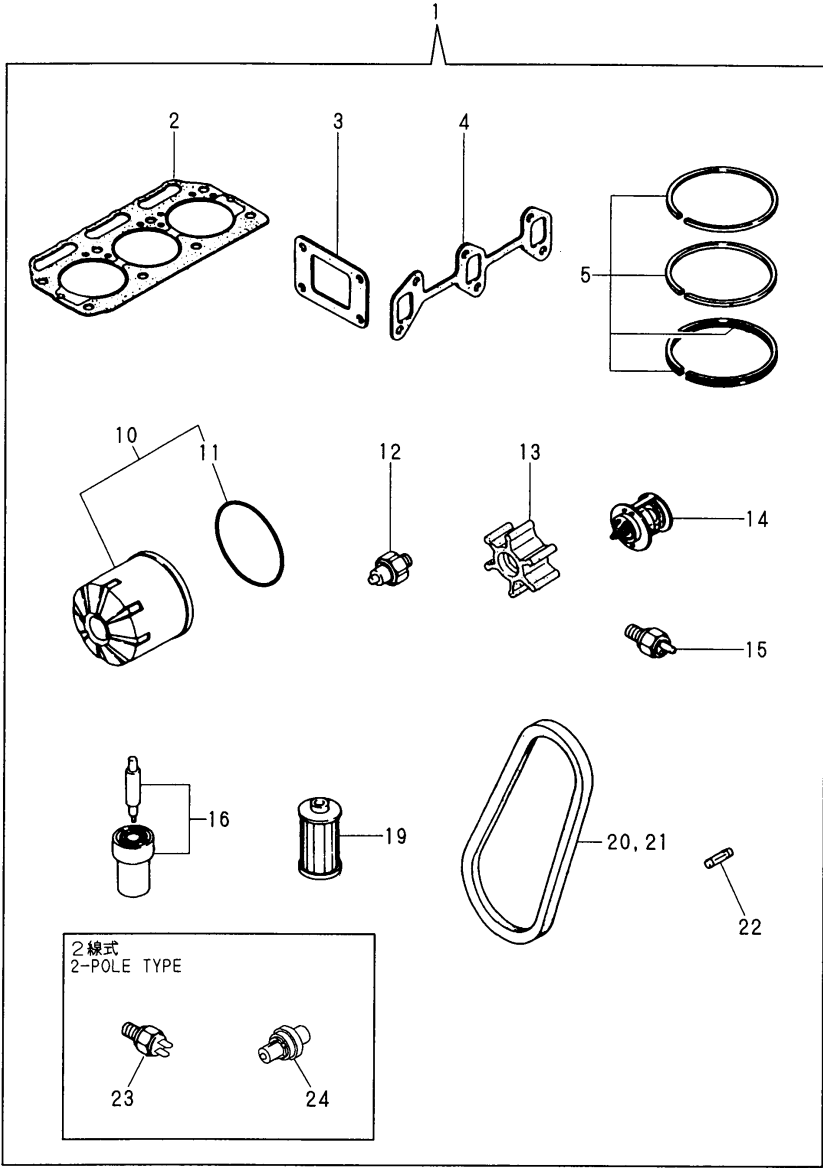


Remarks  
(1)2 POLE TYPE

OCR10-G46001 82. REPAIR PART(OPTIONAL)

| REF. | LEV. | PARTS NO.    | DESCRIPTION          | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728374-92510 | REPAIR SET           | 1    | 1   |     |     |     |     |   |   |
| 2    | 2    | 128374-01911 | GASKET, CYL. HEAD    | 1    | 1   |     |     |     |     |   |   |
| 3    | 2    | 128370-13231 | GASKET               | 1    | 1   |     |     |     |     |   |   |
| 4    | 2    | 121450-13251 | GASKET, (NON-ASB.)   | 1    | 1   |     |     |     |     |   |   |
| 5    | 2    | 705311-22500 | RING SET             | 3    | 3   |     |     |     |     |   |   |
| 10   | 2    | 119660-35150 | FILTER, LUB. OIL     | 1    | 1   |     |     |     |     |   |   |
| 11   | 3    | 124450-35110 | O-RING, L.O.STRAINER | 1    | 1   |     |     |     |     |   |   |
| 12   | 2    | 124060-39451 | SENDER, OIL PRESSURE | 1    | 1   |     |     |     |     |   |   |
| 13   | 2    | X08810B      | IMPELLER, C. WATER   | 1    | 1   |     |     |     |     |   |   |
| 14   | 2    | 105582-49200 | THERMOSTAT           | 1    | 1   |     |     |     |     |   |   |
| 15   | 2    | 128275-91340 | SWITCH, THERMO(65 C  | 1    | 1   |     |     |     |     |   |   |
| 16   | 2    | 124770-53000 | NOZZLE ASSY,F.INJECT | 3    | 3   |     |     |     |     |   |   |
| 19   | 2    | 104500-55710 | ELEMENT, FUEL        | 1    | 1   |     |     |     |     |   |   |
| 20   | 2    | 104511-78780 | V-BELT               | 1    | 1   |     |     |     |     |   |   |
| 21   | 2    | 25132-003100 | V-BELT               | 1    | 1   |     |     |     |     |   |   |
| 22   | 2    | 27210-200300 | ZINC, ANTI-CORROSIVE | 3    | 3   |     |     |     |     |   |   |
| 23   | 2    | 46150-003680 | FUSE 30A             | 1    | 1   |     |     |     |     |   |   |
| 24   | 2    | 128271-91320 | SWITCH, THERMO(65 C  | 1    | 1   |     |     |     |     |   | 1 |
| 25   | 2    | 126630-91591 | SWITCH,OIL PRESSURE  | 1    | 1   |     |     |     |     |   | 1 |

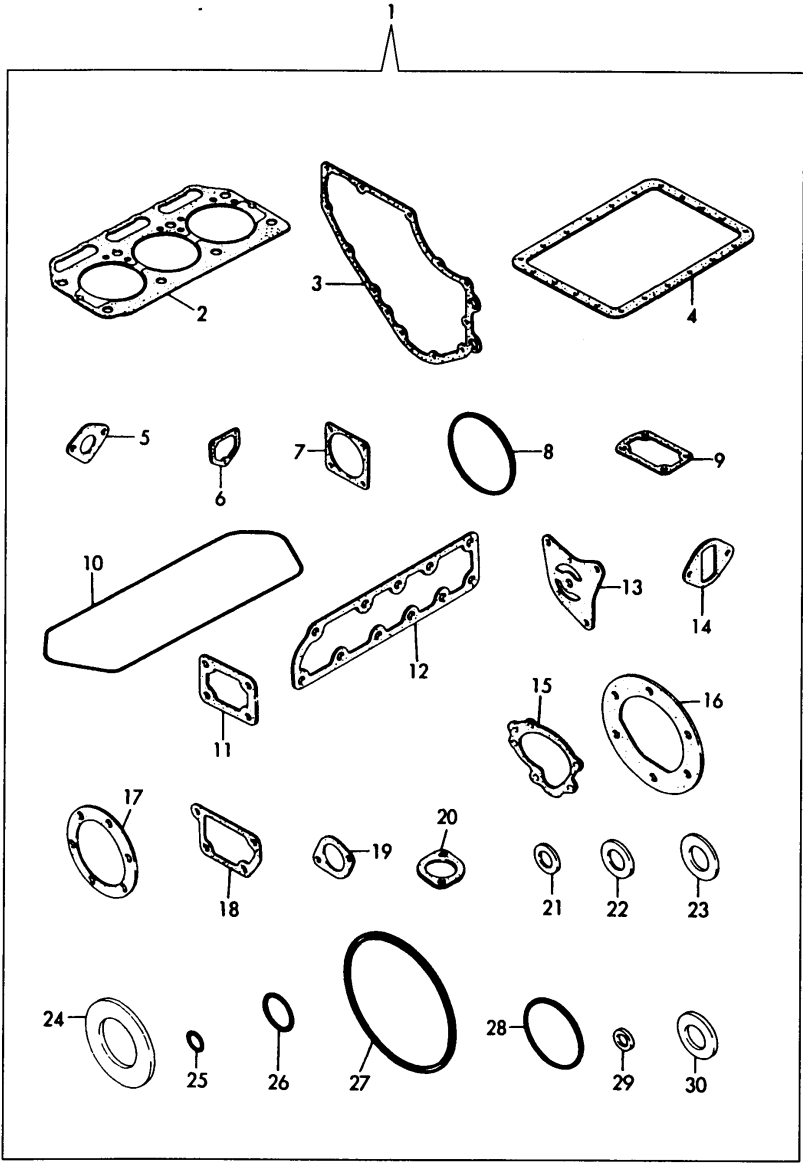
Fig.83. REPAIR PART(OPTIONAL)



Remarks  
(1)2 POLE TYPE

| REF. | LEV. | PARTS NO.    | DESCRIPTION            | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|------------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                        | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728391-92501 | REPAIR SET             |      |     | 1   | 1   |     |     |   |   |
| 2    | 2    | 128374-01911 | GASKET, CYL. HEAD      |      |     | 1   | 1   |     |     |   |   |
| 3    | 2    | 128370-13201 | GASKET, (NON-ASB.)     |      |     | 1   | 1   |     |     |   |   |
| 4    | 2    | 121450-13251 | GASKET, (NON-ASB.)     |      |     | 1   | 1   |     |     |   |   |
| 5    | 2    | 705311-22500 | RING SET               |      |     | 3   | 3   |     |     |   |   |
| 10   | 2    | 119660-35150 | FILTER, LUB. OIL       |      |     | 1   | 1   |     |     |   |   |
| 11   | 3    | 124450-35110 | O-RING, L.O. STRAINER  |      |     | 1   | 1   |     |     |   |   |
| 12   | 2    | 124060-39451 | SENDER, OIL PRESSURE   |      |     | 1   | 1   |     |     |   |   |
| 13   | 2    | X08810B      | IMPELLER, C. WATER     |      |     | 1   | 1   |     |     |   |   |
| 14   | 2    | 121750-49800 | THERMOSTAT             |      |     | 1   | 1   |     |     |   |   |
| 15   | 2    | 127610-91350 | SWITCH, THERMO         |      |     | 1   | 1   |     |     |   |   |
| 16   | 2    | 124770-53000 | NOZZLE ASSY, F. INJECT |      |     | 3   | 3   |     |     |   |   |
| 19   | 2    | 104500-55710 | ELEMENT, FUEL          |      |     | 1   | 1   |     |     |   |   |
| 20   | 2    | 104511-78780 | V-BELT                 |      |     | 1   | 1   |     |     |   |   |
| 21   | 2    | 25132-003700 | V-BELT A37             |      |     | 1   | 1   |     |     |   |   |
| 22   | 2    | 46150-003680 | FUSE 30A               |      |     | 1   | 1   |     |     |   |   |
| 23   | 2    | 119173-91320 | SWITCH, THERMO(95 C    |      |     | 1   | 1   |     |     |   | 1 |
| 24   | 2    | 126630-91591 | SWITCH, OIL PRESSURE   |      |     | 1   | 1   |     |     |   | 1 |

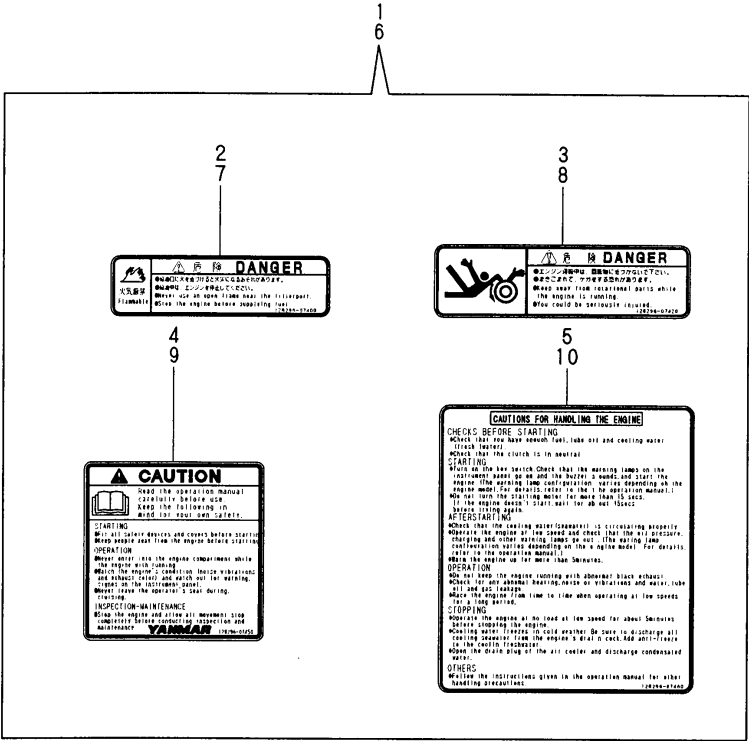
Fig.84. GASKET SET(OPTIONAL)



OCR10-G46001 84. GASKET SET(OPTIONAL)

| REF. | LEV. | PARTS NO.    | DESCRIPTION        | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|--------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                    | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 728374-92600 | GASKET SET         | 1    | 1   | 1   | 1   |     |     |   |   |
| 2    | 2    | 128374-01911 | GASKET, CYL. HEAD  | 1    | 1   | 1   | 1   |     |     |   |   |
| 3    | 2    | 121575-01511 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 4    | 2    | 121450-01751 | GASKET, OIL SUMP   | 1    | 1   | 1   | 1   |     |     |   |   |
| 5    | 2    | 121520-01851 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 6    | 2    | 121575-01861 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 7    | 2    | 124240-01883 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 8    | 2    | 105225-02020 | O-RING             | 1    | 1   | 1   | 1   |     |     |   |   |
| 9    | 2    | 121000-03070 | GASKET             | 1    | 1   | 1   | 1   |     |     |   |   |
| 10   | 2    | 121450-11310 | GASKET, BONNET     | 1    | 1   | 1   | 1   |     |     |   |   |
| 11   | 2    | 121450-11681 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 12   | 2    | 128370-13181 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 13   | 2    | 121450-32021 | GASKET, L.O.PUMP   | 1    | 1   | 1   | 1   |     |     |   |   |
| 14   | 2    | 124160-34845 | GASKET, (NON-ASB.) | 1    | 1   | 1   | 1   |     |     |   |   |
| 15   | 2    | 121000-42051 | GASKET, C.W.PUMP   | 1    | 1   | 1   | 1   |     |     |   |   |
| 16   | 2    | 104211-42090 | GASKET             | 1    | 1   | 1   | 1   |     |     |   |   |
| 17   | 2    | 124223-42110 | GASKET             | 1    | 1   | 1   | 1   |     |     |   |   |
| 18   | 2    | 121450-44410 | GASKET, BRACKET    | 1    | 1   | 1   | 1   |     |     |   |   |
| 19   | 2    | 104211-49160 | PACKING            | 1    | 1   | 1   | 1   |     |     |   |   |
| 20   | 2    | 124736-49540 | GASKET, THERMO.    | 1    | 1   | 1   | 1   |     |     |   |   |
| 21   | 2    | 23414-080000 | GASKET 8, ROUND    | 20   | 20  | 20  | 20  |     |     |   |   |
| 22   | 2    | 23414-100000 | GASKET 10, ROUND   | 5    | 5   | 5   | 5   |     |     |   |   |
| 23   | 2    | 23414-120000 | GASKET 12, ROUND   | 20   | 20  | 20  | 20  |     |     |   |   |
| 24   | 2    | 23414-250000 | GASKET 25,ROUND    | 5    | 5   | 5   | 5   |     |     |   |   |
| 25   | 2    | 24311-000100 | O-RING 1A P-10.0   | 2    | 2   | 2   | 2   |     |     |   |   |
| 26   | 2    | 24311-000160 | O-RING 1A P-16.0   | 1    | 1   | 1   | 1   |     |     |   |   |
| 27   | 2    | 24311-000700 | O-RING 1A P-70.0   | 2    | 2   | 2   | 2   |     |     |   |   |
| 28   | 2    | 24321-000350 | O-RING 1A G-35.0   | 1    | 1   | 1   | 1   |     |     |   |   |
| 29   | 2    | 22190-060002 | SEAL WASHER 6S     | 2    | 2   | 2   | 2   |     |     |   |   |
| 30   | 2    | 22190-120002 | SEAL WASHER 12     | 2    | 2   | 2   | 2   |     |     |   |   |

Fig.85. SAFETY LABEL(OPTIONAL)



Remarks  
(1)REPAIR PART

(A)=3GM30-YEU  
(B)=3GM30C-YEU  
(C)=3GM30F-YEU  
(D)=3GM30FC-YEU  
(E)=  
(F)=

| REF. | LEV. | PARTS NO.    | DESCRIPTION       | Q'TY |     |     |     |     |     | I | R |
|------|------|--------------|-------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |              |                   | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128296-07190 | LABEL,LOOSE PARTS | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 2    | 2    | 128296-07400 | LABEL,DANGER      | 2    | 2   | 2   | 2   |     |     |   | 1 |
| 3    | 2    | 128296-07420 | LABEL,DANGER      | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 4    | 2    | 128296-07450 | LABEL,DANGER      | 1    | 1   | 1   | 1   |     |     |   | 1 |
| 5    | 2    | 128296-07460 | LABEL,DANGER      | 1    | 1   | 1   | 1   |     |     |   | 1 |
| I    | 6    | 128377-07190 | LABEL,LOOSE PARTS | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 7    | 128377-07400 | LABEL,DANGER      | 2    | 2   | 2   | 2   |     |     |   |   |
| I    | 8    | 128377-07420 | LABEL,DANGER      | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 9    | 128377-07450 | LABEL,CAUTION     | 1    | 1   | 1   | 1   |     |     |   |   |
| I    | 10   | 128377-07460 | LABEL,CAUTION     | 1    | 1   | 1   | 1   |     |     |   |   |

## Part Number Index

All parts are stipulated in the order of part numbers.

(Depending on the area in which the part is used.)

This index will display the location of the part according to each part number.

## PARTS No. INDEX

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 101104-92180 | 81   | 4       |
| 101147-11900 | 14   | 60      |
|              | 15   | 54      |
| 101147-59810 | 46   | 7       |
| 101158-11230 | 14   | 45      |
|              |      | 51      |
|              | 15   | 39      |
|              |      | 45      |
| 101200-92140 | 81   | 3       |
| 101720-55750 | 43   | 7       |
| 103288-39170 | 29   | 6       |
|              | 46   | 4       |
| 103338-11430 | 14   | 56      |
|              | 15   | 50      |
| 103854-51251 | 40   | 23      |
| 103854-51660 | 40   | 32      |
| 103854-53100 | 42   | 6       |
| 103854-53180 | 42   | 11      |
| 103854-59191 | 45   | 12      |
| 103854-59201 | 45   | 13      |
| 104200-11180 | 14   | 18      |
|              | 15   | 18      |
| 104200-11920 | 18   | 8       |
| 104200-14200 | 20   | 6       |
|              | 21   | 6       |
| 104200-92350 | 62   | 7       |
| 104211-03770 | 51   | 3       |
| 104211-11370 | 14   | 11      |
|              | 15   | 11      |
| 104211-42090 | 84   | 16      |
| 104211-42130 | 47   | 1       |
| 104211-49160 | 37   | 7       |
|              | 84   | 19      |
| 104211-53120 | 42   | 8       |
| 104214-13580 | 63   | 5       |
|              | 64   | 5       |
| 104214-83980 | 75   | 1       |
| 104264-59020 | 45   | 2       |
|              |      | 3       |
|              |      | 5       |
|              |      | 34      |
| 104264-59030 | 41   | 3       |
|              | 45   | 6       |
| 104264-59040 | 45   | 7       |
| 104271-67550 | 70   | 1       |
| 104271-91351 | 79   | 16      |
| 104271-91352 | 80   | 12      |
| 104500-55710 | 43   | 3       |
|              | 82   | 19      |
|              | 83   | 19      |

| PARTS No.    | Fig. | Ref.No. |
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| 104511-78780 | 30   | 24      |
|              | 31   | 24      |
|              | 82   | 20      |
|              | 83   | 20      |
| 104884-59170 | 45   | 11      |
| 105225-01900 | 55   | 26      |
|              | 56   | 26      |
| 105225-02020 | 7    | 5       |
|              | 84   | 8       |
| 105225-02300 | 7    | 7       |
| 105225-11100 | 14   | 6       |
|              | 15   | 6       |
| 105225-11110 | 14   | 7       |
|              | 15   | 7       |
| 105225-11350 | 14   | 12      |
|              | 15   | 12      |
| 105225-22300 | 23   | 8       |
| 105225-22400 | 23   | 9       |
| 105225-23180 | 24   | 10      |
| 105225-23200 | 24   | 5       |
| 105300-61200 | 47   | 4       |
| 105311-01090 | 1    | 4       |
|              | 2    | 4       |
| 105311-11420 | 14   | 54      |
|              | 15   | 48      |
| 105311-22090 | 23   | 1       |
| 105311-23380 | 24   | 8       |
| 105311-67100 | 52   | 1       |
| 105311-67200 | 52   | 3       |
| 105500-51300 | 40   | 7       |
| 105582-49200 | 37   | 1       |
|              | 82   | 14      |
| 105582-59150 | 41   | 4       |
|              | 45   | 10      |
| 105583-49910 | 1    | 20      |
| 105583-85900 | 73   | 1       |
| 110250-53150 | 42   | 10      |
| 110250-55610 | 43   | 5       |
| 111100-51210 | 40   | 20      |
| 111100-51220 | 40   | 19      |
| 113200-53110 | 42   | 7       |
| 113200-53120 | 42   | 9       |
| 119173-59120 | 45   | 9       |
| 119173-91320 | 58   | 11      |
|              | 83   | 23      |
| 119370-59040 | 46   | 10      |
| 119593-39450 | 46   | 9       |
| 119640-92750 | 81   | 2       |
| 119660-35150 | 27   | 6       |
|              | 82   | 10      |

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|--------------|------|---------|
| 119660-35150 | 83   | 10      |
| 120130-49350 | 33   | 17      |
| 120270-77101 | 58   | 14      |
| 120324-91610 | 80   | 25      |
| 120324-91690 | 80   | 16      |
| 121000-01850 | 3    | 18      |
|              | 4    | 18      |
| 121000-03021 | 8    | 1       |
| 121000-03070 | 84   | 9       |
| 121000-03071 | 8    | 2       |
| 121000-03200 | 8    | 4       |
| 121000-11050 | 14   | 17      |
|              | 15   | 17      |
| 121000-14550 | 20   | 2       |
|              | 21   | 2       |
| 121000-42051 | 32   | 2       |
|              | 84   | 15      |
| 121000-42100 | 32   | 3       |
| 121000-61600 | 47   | 17      |
| 121000-66090 | 48   | 3       |
| 121150-35100 | 27   | 5       |
| 121150-51460 | 40   | 35      |
| 121250-59860 | 44   | 5       |
| 121250-77210 | 57   | 24      |
| 121370-55730 | 43   | 4       |
| 121450-01203 | 1    | 17      |
|              | 2    | 15      |
| 121450-01210 | 1    | 5       |
|              | 2    | 5       |
| 121450-01220 | 1    | 6       |
|              | 2    | 6       |
| 121450-01560 | 3    | 3       |
|              | 4    | 3       |
| 121450-01751 | 5    | 2       |
|              | 84   | 4       |
| 121450-01801 | 3    | 13      |
|              | 4    | 13      |
| 121450-01951 | 3    | 22      |
|              | 4    | 22      |
| 121450-01960 | 1    | 11      |
|              | 2    | 11      |
| 121450-01980 | 1    | 12      |
|              | 2    | 12      |
| 121450-01990 | 1    | 10      |
|              | 2    | 10      |
| 121450-02071 | 7    | 13      |
|              |      | 19      |
| 121450-02100 | 1    | 13      |
|              | 2    | 14      |
| 121450-02110 | 7    | 3       |

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 121450-02160 | 7    | 10      |
| 121450-02170 | 7    | 16      |
| 121450-02310 | 1    | 28      |
|              | 2    | 25      |
| 121450-02320 | 7    | 20      |
| 121450-02370 | 7    | 21      |
| 121450-02380 | 7    | 22      |
| 121450-11240 | 14   | 34      |
|              | 15   | 28      |
| 121450-11260 | 14   | 62      |
|              | 15   | 56      |
| 121450-11270 | 14   | 63      |
|              | 15   | 57      |
| 121450-11310 | 16   | 12      |
|              | 84   | 10      |
| 121450-11670 | 15   | 19      |
| 121450-11681 | 14   | 20      |
|              | 15   | 20      |
|              | 84   | 11      |
| 121450-13251 | 18   | 9       |
|              | 33   | 23      |
|              | 82   | 4       |
|              | 83   | 4       |
| 121450-14400 | 20   | 7       |
|              | 21   | 7       |
| 121450-21541 | 22   | 8       |
| 121450-32021 | 25   | 1       |
|              | 84   | 13      |
| 121450-32200 | 25   | 11      |
| 121450-35090 | 27   | 1       |
| 121450-42240 | 32   | 6       |
| 121450-42260 | 32   | 7       |
| 121450-42310 | 32   | 8       |
| 121450-44410 | 32   | 16      |
|              | 37   | 4       |
|              | 84   | 18      |
| 121450-51500 | 40   | 24      |
| 121450-51550 | 40   | 25      |
| 121520-01851 | 41   | 1       |
|              | 84   | 5       |
| 121550-11280 | 14   | 37      |
|              | 15   | 31      |
| 121550-11290 | 14   | 38      |
|              | 15   | 32      |
| 121574-21500 | 22   | 6       |
| 121574-86320 | 61   | 4       |
| 121575-01511 | 3    | 7       |
|              | 4    | 7       |
|              | 84   | 3       |
| 121575-01861 | 3    | 19      |

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| 121575-01861 | 4    | 19      |
|              | 84   | 6       |
| 121575-07240 | 10   | 2       |
|              | 11   | 2       |
| 121575-11121 | 14   | 8       |
|              | 15   | 8       |
| 121575-11670 | 14   | 19      |
| 121575-14090 | 20   | 3       |
|              | 21   | 3       |
| 121575-32090 | 25   | 2       |
| 121575-34830 | 26   | 2       |
| 121575-49300 | 63   | 12      |
| 121575-49310 | 36   | 3       |
| 121575-61161 | 47   | 12      |
| 121575-61220 | 47   | 5       |
| 121575-61620 | 47   | 18      |
| 121575-61720 | 47   | 20      |
| 121575-66051 | 48   | 2       |
| 121575-66200 | 48   | 9       |
| 121575-66310 | 47   | 21      |
| 121575-66510 | 51   | 1       |
| 121575-66550 | 51   | 5       |
| 121575-66580 | 51   | 6       |
| 121575-66800 | 49   | 1       |
|              | 50   | 6       |
| 121575-66850 | 49   | 2       |
| 121575-91250 | 80   | 10      |
| 121750-39550 | 29   | 9       |
| 121750-49800 | 38   | 3       |
|              | 83   | 14      |
| 121750-59890 | 39   | 8       |
| 122410-61650 | 47   | 16      |
| 122780-09320 | 14   | 23      |
| 123210-09310 | 1    | 15      |
|              | 14   | 24      |
| 123310-77640 | 71   | 1       |
| 123372-03150 | 11   | 3       |
| 123372-59100 | 44   | 4       |
| 123482-91291 | 80   | 11      |
| 123682-07851 | 9    | 1       |
| 123682-44201 | 33   | 14      |
| 124060-01050 | 1    | 3       |
|              | 2    | 3       |
|              | 3    | 6       |
|              | 4    | 6       |
| 124060-11160 | 14   | 3       |
|              | 15   | 3       |
| 124060-39451 | 29   | 15      |
|              | 82   | 12      |
|              | 83   | 12      |

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 124060-59380 | 45   | 14      |
| 124070-13300 | 63   | 3       |
|              | 64   | 3       |
| 124070-13520 | 63   | 1       |
|              | 64   | 1       |
| 124070-14760 | 20   | 11      |
| 124070-42400 | 30   | 22      |
|              | 31   | 22      |
| 124070-59060 | 69   | 2       |
| 124070-59130 | 69   | 3       |
| 124070-77950 | 58   | 4       |
| 124070-91250 | 77   | 8       |
|              | 78   | 7       |
|              | 79   | 10      |
| 124070-91290 | 77   | 9       |
|              | 78   | 8       |
|              | 79   | 11      |
| 124070-91300 | 77   | 12      |
|              | 78   | 11      |
|              | 79   | 14      |
| 124085-01900 | 1    | 8       |
|              | 2    | 8       |
| 124085-02220 | 7    | 4       |
| 124085-35300 | 28   | 1       |
| 124085-35350 | 28   | 7       |
| 124085-92210 | 81   | 5       |
| 124085-92250 | 81   | 6       |
| 124085-92260 | 81   | 7       |
| 124085-92270 | 81   | 8       |
| 124085-92400 | 81   | 9       |
| 124085-92700 | 81   | 17      |
| 124101-49530 | 38   | 1       |
| 124160-01751 | 16   | 10      |
| 124160-11360 | 16   | 13      |
| 124160-34845 | 26   | 3       |
|              | 84   | 14      |
| 124160-39140 | 29   | 11      |
| 124160-39540 | 29   | 8       |
| 124160-49480 | 2    | 18      |
|              | 33   | 19      |
| 124220-09340 | 9    | 3       |
| 124220-51890 | 40   | 31      |
| 124223-42110 | 84   | 17      |
| 124223-49050 | 39   | 5       |
|              |      | 9       |
|              |      | 10      |
|              | 68   | 8       |
| 124223-49750 | 18   | 11      |
| 124240-01871 | 1    | 22      |
|              | 2    | 19      |

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 124240-01883 | 1    | 23      |
|              | 2    | 20      |
|              | 84   | 7       |
| 124250-03640 | 51   | 4       |
| 124450-35070 | 27   | 4       |
| 124450-35110 | 27   | 7       |
|              | 82   | 11      |
|              | 83   | 11      |
| 124450-39180 | 29   | 7       |
|              | 46   | 5       |
| 124450-39240 | 29   | 14      |
|              | 45   | 1       |
| 124460-77680 | 1    | 26      |
|              | 2    | 23      |
|              | 33   | 21      |
| 124550-51200 | 40   | 18      |
| 124550-51320 | 40   | 11      |
| 124550-51341 | 40   | 12      |
| 124550-51350 | 40   | 10      |
| 124550-51370 | 40   | 13      |
| 124550-51590 | 40   | 26      |
| 124550-59820 | 29   | 10      |
| 124550-77030 | 54   | 23      |
| 124617-91980 | 80   | 4       |
| 124617-91990 | 80   | 34      |
| 124736-49540 | 38   | 2       |
|              | 84   | 20      |
| 124770-11770 | 17   | 7       |
| 124770-49040 | 36   | 2       |
| 124770-53000 | 42   | 2       |
|              | 82   | 16      |
|              | 83   | 16      |
| 124770-77940 | 58   | 3       |
| 124790-44560 | 34   | 3       |
| 124790-55601 | 43   | 1       |
| 124790-59530 | 46   | 6       |
| 124790-77330 | 57   | 25      |
| 124950-11340 | 14   | 10      |
|              | 15   | 10      |
| 124950-11450 | 14   | 57      |
|              | 15   | 51      |
| 124950-21600 | 22   | 13      |
| 124950-51190 | 40   | 15      |
| 124950-51270 | 40   | 6       |
| 124950-51450 | 40   | 34      |
| 124950-51510 | 40   | 14      |
| 124950-51640 | 40   | 28      |
| 124950-51670 | 40   | 29      |
| 126630-91591 | 58   | 12      |
|              | 82   | 25      |

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| 126630-91591 | 83   | 24      |
| 127610-42130 | 18   | 6       |
| 127610-91350 | 38   | 4       |
|              | 83   | 15      |
| 127687-91870 | 80   | 35      |
| 127687-91880 | 80   | 36      |
| 127692-91410 | 80   | 30      |
| 127692-91440 | 80   | 31      |
| 127692-91450 | 80   | 32      |
| 128170-01600 | 6    | 1       |
| 128170-01830 | 3    | 16      |
| 128170-07850 | 9    | 2       |
| 128170-14150 | 20   | 5       |
|              | 21   | 5       |
| 128170-49081 | 39   | 1       |
| 128170-49150 | 37   | 6       |
| 128170-51101 | 40   | 3       |
| 128170-53080 | 42   | 5       |
| 128170-66870 | 50   | 7       |
| 128170-66880 | 50   | 8       |
| 128170-66890 | 50   | 12      |
| 128170-76790 | 53   | 1       |
| 128170-77010 | 54   | 1       |
| 128170-86300 | 61   | 1       |
| 128170-86500 | 76   | 1       |
| 128170-91001 | 79   | 1       |
| 128170-91010 | 79   | 2       |
| 128170-91020 | 79   | 3       |
| 128170-91031 | 79   | 4       |
| 128170-91100 | 79   | 6       |
| 128170-91160 | 79   | 20      |
| 128170-91310 | 79   | 15      |
| 128170-91810 | 77   | 15      |
|              | 78   | 14      |
|              | 79   | 17      |
| 128170-91820 | 77   | 16      |
|              | 78   | 15      |
|              | 79   | 18      |
| 128170-91830 | 77   | 17      |
|              | 78   | 16      |
|              | 79   | 19      |
| 128171-07150 | 9    | 5       |
|              |      | 10      |
| 128171-22250 | 23   | 10      |
| 128171-77250 | 57   | 32      |
| 128171-81110 | 59   | 1       |
| 128171-81120 | 59   | 2       |
| 128270-01450 | 1    | 21      |
| 128270-01820 | 3    | 14      |
|              | 4    | 14      |

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| PARTS No.    | Fig. | Ref.No. |
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| 128270-03610 | 16   | 3       |
| 128270-03640 | 16   | 5       |
| 128270-03750 | 16   | 4       |
| 128270-09300 | 1    | 14      |
| 128270-49050 | 35   | 3       |
| 128270-49100 | 37   | 3       |
| 128270-66010 | 48   | 1       |
| 128270-66550 | 50   | 1       |
| 128270-77200 | 57   | 1       |
| 128270-91001 | 77   | 1       |
| 128270-91010 | 77   | 2       |
|              | 78   | 2       |
| 128270-91020 | 77   | 3       |
|              | 78   | 3       |
| 128270-91031 | 77   | 4       |
| 128270-91040 | 77   | 5       |
|              | 78   | 5       |
| 128270-91230 | 77   | 7       |
| 128270-91350 | 77   | 13      |
|              | 78   | 12      |
| 128270-91360 | 77   | 14      |
|              | 78   | 13      |
| 128271-49450 | 39   | 7       |
| 128271-77330 | 55   | 21      |
|              | 56   | 21      |
| 128271-77340 | 55   | 24      |
|              | 56   | 24      |
| 128271-77922 | 58   | 1       |
| 128271-91320 | 58   | 10      |
|              | 82   | 24      |
| 128272-11170 | 14   | 4       |
|              | 15   | 4       |
| 128275-11410 | 14   | 53      |
|              | 15   | 47      |
| 128275-11490 | 14   | 58      |
|              | 15   | 52      |
| 128275-11500 | 14   | 59      |
|              | 15   | 53      |
| 128275-39710 | 65   | 2       |
| 128275-91340 | 37   | 2       |
|              | 82   | 15      |
| 128277-53300 | 42   | 13      |
| 128290-49510 | 36   | 4       |
| 128291-49020 | 36   | 11      |
| 128291-49250 | 39   | 6       |
| 128296-07190 | 85   | 1       |
| 128296-07260 | 9    | 6       |
|              |      | 11      |
| 128296-07350 | 9    | 7       |
|              |      | 12      |

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|--------------|------|---------|
| 128296-07400 | 85   | 2       |
| 128296-07420 | 85   | 3       |
| 128296-07450 | 85   | 4       |
| 128296-07460 | 85   | 5       |
| 128296-59900 | 45   | 17      |
| 128296-59901 | 45   | 17 -1   |
| 128296-59940 | 45   | 18      |
| 128297-44490 | 33   | 16 A    |
| 128297-49320 | 33   | 7 -1    |
| 128370-01720 | 5    | 1       |
| 128370-11290 | 14   | 40 -1   |
|              | 15   | 34 -1   |
| 128370-12730 | 17   | 5       |
| 128370-13160 | 18   | 3       |
| 128370-13181 | 18   | 4       |
|              | 84   | 12      |
| 128370-13201 | 19   | 2       |
|              | 63   | 14      |
|              | 64   | 11      |
|              | 83   | 3       |
| 128370-13220 | 63   | 13      |
| 128370-13231 | 19   | 1       |
|              | 63   | 11      |
|              | 82   | 3       |
| 128370-13610 | 63   | 8       |
|              | 64   | 8       |
| 128370-14010 | 20   | 1       |
|              | 21   | 1       |
| 128370-21650 | 22   | 9       |
| 128370-34800 | 26   | 1       |
| 128370-39200 | 29   | 1       |
| 128370-49020 | 35   | 2       |
| 128370-49250 | 63   | 6       |
| 128370-59040 | 45   | 35      |
|              | 46   | 10 -1   |
| 128370-59081 | 45   | 4       |
| 128370-59100 | 46   | 11      |
| 128370-59102 | 45   | 9 -1    |
| 128370-59110 | 46   | 12 -1   |
| 128370-59120 | 46   | 11 -1   |
| 128370-59130 | 46   | 12 -2   |
| 128370-59500 | 46   | 1       |
| 128371-01601 | 6    | 2       |
| 128371-01800 | 1    | 19      |
|              | 2    | 17      |
| 128371-21590 | 22   | 11      |
| 128371-91000 | 78   | 1       |
| 128371-91030 | 78   | 4       |
| 128374-01911 | 1    | 27      |
|              | 2    | 24      |

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| 128374-01911 | 82   | 2       |
|              | 83   | 2       |
|              | 84   | 2       |
| 128374-81130 | 59   | 3       |
| 128377-07150 | 9    | 5 -1    |
| 128377-07190 | 85   | 6       |
| 128377-07260 | 9    | 6 -1    |
| 128377-07350 | 9    | 7 -1    |
| 128377-07400 | 85   | 7       |
| 128377-07420 | 85   | 8       |
| 128377-07450 | 85   | 9       |
| 128377-07460 | 85   | 10      |
| 128377-07700 | 9    | 9       |
| 128377-08100 | 12   | 1       |
| 128377-08120 | 12   | 2       |
| 128377-08130 | 12   | 3       |
| 128377-08340 | 13   | 1       |
| 128377-08350 | 13   | 2       |
|              |      | 3       |
| 128377-12500 | 17   | 1       |
| 128377-12530 | 17   | 4       |
| 128377-13530 | 19   | 3       |
| 128377-35030 | 27   | 5 -1    |
| 128377-35090 | 27   | 1 -1    |
| 128377-42150 | 30   | 23      |
|              | 31   | 23      |
| 128377-42500 | 30   | 1       |
| 128377-42520 | 30   | 11 -1   |
|              | 31   | 11 -1   |
| 128377-49010 | 35   | 1       |
| 128377-49080 | 68   | 2       |
| 128377-59010 | 45   | 33      |
| 128377-59550 | 45   | 16      |
| 128377-59560 | 45   | 31      |
|              |      | 31 -1   |
|              | 46   | 13      |
| 128377-59810 | 44   | 1 -1    |
| 128377-59820 | 44   | 2 -1    |
| 128377-59821 | 44   | 2 -2    |
| 128377-59831 | 44   | 3 -2    |
| 128377-59850 | 46   | 14      |
| 128377-59851 | 46   | 14 -1   |
| 128377-59860 | 46   | 9 -1    |
| 128377-67580 | 52   | 8       |
| 128390-59810 | 44   | 1       |
| 128390-59820 | 44   | 2       |
| 128390-59830 | 44   | 3       |
| 128391-77700 | 80   | 38      |
| 128391-77820 | 58   | 6       |
| 128391-77860 | 77   | 18      |

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|--------------|------|---------|
| 128391-77860 | 79   | 21      |
| 128391-91130 | 80   | 1       |
| 128391-91200 | 80   | 2       |
| 128391-91260 | 80   | 5       |
| 128391-91440 | 80   | 23      |
| 128391-91640 | 80   | 22      |
| 128391-91700 | 80   | 7       |
| 128391-91740 | 80   | 24      |
| 128391-91850 | 80   | 33      |
| 128391-91860 | 80   | 6       |
| 128391-91930 | 80   | 18      |
| 128397-13530 | 19   | 4       |
| 128397-42500 | 31   | 1       |
| 128397-44010 | 33   | 2       |
| 128397-44050 | 33   | 3       |
| 128397-44060 | 33   | 4       |
| 128397-44400 | 33   | 16      |
| 128397-44500 | 34   | 1       |
| 128397-44510 | 34   | 2       |
| 128397-44600 | 33   | 13      |
| 128397-44900 | 33   | 1       |
| 128397-49310 | 33   | 5 -1    |
| 128670-01830 | 4    | 16      |
| 128670-13350 | 14   | 29      |
| 128690-49010 | 36   | 1       |
| 128690-49250 | 64   | 6       |
| 128690-49310 | 33   | 5       |
| 128695-07230 | 10   | 1       |
|              | 11   | 1       |
| 128695-42010 | 32   | 1       |
| 128695-42350 | 32   | 15      |
| 128695-44090 | 33   | 9       |
| 128695-49520 | 36   | 5       |
| 128695-49530 | 36   | 6       |
| 128695-77210 | 57   | 30      |
| 129100-01580 | 1    | 9 -1    |
|              | 2    | 9 -1    |
|              | 22   | 4 -1    |
| 129170-91650 | 80   | 8       |
| 129170-91800 | 80   | 13      |
| 129170-91810 | 80   | 17      |
| 129270-92100 | 62   | 1 -1    |
| 129270-92610 | 62   | 3 -1    |
| 129270-92620 | 62   | 4 -1    |
| 129270-92630 | 62   | 5 -1    |
| 129270-92640 | 62   | 6 -1    |
| 129270-92650 | 62   | 7 -1    |
| 129270-92690 | 62   | 2 A     |
| 129301-52020 | 41   | 2       |
| 129350-01230 | 1    | 18      |

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| PARTS No.    | Fig. | Ref.No. |
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| 129350-01230 | 2    | 16      |
| 129350-14100 | 20   | 4       |
|              | 21   | 4       |
| 129350-21200 | 22   | 7       |
| 129350-42200 | 32   | 5       |
| 129377-59830 | 44   | 3 -1    |
| 129470-67560 | 70   | 2       |
| 129574-91410 | 80   | 9       |
| 129574-91420 | 80   | 20      |
| 129574-91620 | 80   | 19      |
| 129574-91650 | 80   | 29      |
| 129574-91710 | 80   | 26      |
| 129574-91720 | 80   | 21      |
| 129574-91750 | 80   | 27      |
| 129574-91760 | 80   | 37      |
| 129574-91770 | 80   | 28      |
| 129574-91780 | 80   | 14      |
| 129574-91790 | 80   | 15      |
| 129574-91870 | 80   | 3       |
| 129590-59200 | 58   | 7       |
| 129670-44570 | 34   | 5       |
| 129772-77200 | 55   | 1       |
|              | 56   | 1       |
| 129772-77250 | 55   | 27      |
|              | 56   | 27      |
| 129772-77260 | 55   | 28      |
|              | 56   | 28      |
|              | 57   | 33      |
| 129772-77270 | 55   | 29      |
|              | 56   | 29      |
|              | 57   | 34      |
| 129772-77280 | 55   | 30      |
|              | 56   | 30      |
|              | 57   | 35      |
| 129957-59100 | 46   | 12      |
| 135210-51900 | 43   | 9       |
| 135210-61090 | 50   | 14      |
| 138603-59380 | 69   | 6       |
| 171051-01921 | 2    | 13      |
| 172100-53200 | 42   | 12      |
| 174100-54120 | 40   | 21      |
| 174307-51170 | 40   | 16      |
| 174307-51181 | 40   | 17      |
| 174307-51700 | 40   | 22      |
| 177070-03501 | 60   | 1       |
| 177074-06350 | 58   | 13      |
| 177088-02430 | 9    | 8       |
| 194440-51620 | 45   | 1 -1    |
| 194555-62750 | 58   | 8       |
| 41710-000380 | 76   | 3       |

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 41710-000410 | 52   | 2       |
|              | 61   | 3       |
| 41730-000681 | 76   | 2       |
| 43662-010030 | 68   | 1       |
| 43662-015020 | 68   | 7       |
| 43666-020951 | 68   | 4       |
| 45414-500260 | 74   | 1       |
| 46150-001110 | 77   | 6       |
|              | 78   | 6       |
|              | 79   | 5       |
|              |      | 7       |
| 46150-003680 | 58   | 2       |
|              | 82   | 23      |
|              | 83   | 22      |
| 48110-025063 | 72   | 7       |
| 48110-028063 | 72   | 1       |
| 48110-032411 | 72   | 2       |
| 48110-032502 | 72   | 6       |
| 48110-522361 | 72   | 8       |
| 705311-22500 | 23   | 3       |
|              | 82   | 5       |
|              | 83   | 5       |
| 705311-23600 | 24   | 6       |
| 705325-22540 | 23   | 12      |
| 721085-21701 | 22   | 1       |
| 721450-02500 | 7    | 1       |
| 721450-02611 | 7    | 8       |
| 721450-02621 | 7    | 14      |
| 721450-11650 | 14   | 41      |
|              | 15   | 35      |
| 721450-11660 | 14   | 47      |
|              | 15   | 41      |
| 721500-61560 | 47   | 6       |
| 724772-92100 | 62   | 1       |
| 728170-53100 | 42   | 1       |
| 728171-23100 | 24   | 1       |
| 728270-92401 | 81   | 1       |
| 728370-01610 | 3    | 1       |
|              | 4    | 1       |
| 728370-11520 | 16   | 1       |
| 728370-13501 | 18   | 1       |
| 728372-11700 | 14   | 1       |
| 728374-01560 | 1    | 1       |
| 728374-51101 | 40   | 1       |
| 728374-92510 | 82   | 1       |
| 728374-92600 | 84   | 1       |
| 728391-11700 | 15   | 1       |
| 728391-92501 | 83   | 1       |
| 728397-01560 | 2    | 1       |
| 728695-43500 | 32   | 10      |

| PARTS No.    | Fig. | Ref.No. |
|--------------|------|---------|
| 771016-61620 | 47   | 2       |
| 83213-003012 | 69   | 1       |
| 977780-01200 | 67   | 1       |
| 977780-01210 | 66   | 1       |
| 977780-01230 | 66   | 2       |
|              | 67   | 2       |
| 977780-01240 | 67   | 3       |
| 977780-01250 | 66   | 3       |
| 977780-03000 | 66   | 9       |
|              | 67   | 9       |
| X0044021509  | 66   | 7       |
|              | 67   | 7       |
| X0142398     | 30   | 3       |
|              | 31   | 3       |
| X0145050     | 30   | 4       |
|              | 31   | 4       |
| X0146496     | 30   | 7       |
|              | 31   | 7       |
| X0146541     | 30   | 5       |
|              | 31   | 5       |
| X0146542     | 30   | 7 -1    |
|              | 31   | 7 -1    |
| X0501133     | 30   | 8       |
|              | 31   | 8       |
| X0504124     | 30   | 21      |
|              | 31   | 21      |
| X0504163     | 30   | 11      |
|              | 31   | 11      |
| X0505527     | 30   | 12      |
|              | 31   | 12      |
| X0505528     | 30   | 13      |
|              | 31   | 13      |
| X0506513     | 30   | 14      |
|              | 31   | 14      |
| X0506523     | 30   | 15      |
|              | 31   | 15      |
| X0506597     | 30   | 15 -1   |
|              | 31   | 15 -1   |
| X0508124     | 30   | 16      |
|              | 31   | 16      |
| X0508130     | 30   | 17      |
|              | 31   | 17      |
| X0529139     | 30   | 18      |
|              | 31   | 18      |
| X0534501     | 30   | 19      |
|              | 31   | 19      |
| X0534511     | 30   | 20      |
|              | 31   | 20      |
| X08810B      | 30   | 6       |
|              | 31   | 6       |

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| X08810B     | 82   | 13      |
|             | 83   | 13      |
| X179100011X | 67   | 5       |
| X179100021X | 66   | 5       |
| X179100100X | 66   | 6       |
|             | 67   | 6       |
| X199903800X | 66   | 8       |
|             | 67   | 8       |
| X211413005  | 54   | 8       |
| X211415006  | 54   | 14      |
| X21142835   | 54   | 21      |
| X2114314    | 54   | 12      |
| X21143215   | 54   | 6       |
| X211433101  | 54   | 10      |
| X21144454   | 54   | 13      |
| X21144661   | 54   | 16      |
| X211447009  | 54   | 19      |
| X211451005  | 54   | 2       |
| X21145312   | 54   | 7       |
| X21145352   | 54   | 9       |
| X21145866   | 54   | 22      |
| X211462101  | 54   | 5       |
| X21146963   | 54   | 17      |
| X21147155   | 54   | 4       |
| X211476503  | 54   | 15      |
| X21148110   | 54   | 3       |
| X21148313   | 54   | 11      |
| X21148852   | 54   | 20      |
| X21149652   | 54   | 18      |
| X6201SD     | 55   | 3       |
|             | 56   | 3       |
|             | 57   | 3       |
| X6203BM     | 55   | 16      |
|             | 56   | 16      |
| X6302BM     | 57   | 17      |
| X8636008003 | 66   | 4       |
|             | 67   | 4       |
| XB495469B   | 57   | 21      |
| XL12010001  | 57   | 22      |
| XL12013262  | 55   | 9       |
|             | 56   | 9       |
|             | 57   | 10      |
| XL1254801   | 57   | 19      |
| XL1255801   | 57   | 20      |
| XL13513134  | 55   | 12      |
|             | 56   | 12      |
|             | 57   | 13      |
| XL13513152  | 57   | 8       |
| XL13514042  | 57   | 16      |
| XL1352318   | 57   | 11      |

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| XL13525001 | 57   | 18      |
| XL1353320  | 57   | 7       |
| XL13542001 | 57   | 4       |
| XL1354326  | 57   | 9       |
| XL13561001 | 57   | 2       |
| XL13563003 | 57   | 5       |
| XL1358301  | 57   | 6       |
| XL1359400  | 57   | 15      |
| XL15014042 | 55   | 15      |
|            | 56   | 15      |
| XL15018015 | 55   | 18      |
|            | 56   | 18      |
| XL1501810  | 55   | 19      |
|            | 56   | 19      |
| XL15028001 | 55   | 20      |
|            | 56   | 20      |
| XL15542001 | 55   | 4       |
|            | 56   | 4       |
| XL15553002 | 55   | 5       |
|            | 56   | 5       |
| XL1556315  | 55   | 7       |
|            | 56   | 7       |
| XL15571001 | 55   | 2       |
|            | 56   | 2       |
| XL1557500  | 55   | 17      |
|            | 56   | 17      |
| XL2251318  | 55   | 11      |
|            | 56   | 11      |
| XL2253320  | 55   | 13      |
|            | 56   | 13      |
| XL2253400  | 55   | 14      |
|            | 56   | 14      |
| XL22553012 | 55   | 6       |
|            | 56   | 6       |
| XL2255330  | 55   | 8       |
|            | 56   | 8       |
| XTR1Z63    | 55   | 10      |
|            | 56   | 10      |
|            | 57   | 12      |

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