

OCR10-M57002EN

# Introduction

1. This parts catalog for 3YM20 is published as a revised edition.

|                     | Date of issue | Remarks |
|---------------------|---------------|---------|
| First edition       | May 2004      | No need |
| 1st revised edition | Jun., 2012    | No need |
| 2nd revised edition | Nov., 2018    |         |

2. This parts catalog does not contain the technical data needed for maintenance service.

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

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

5. Be sure to use only Yanmar genuine parts for repairs. If imitation parts are used, it may cause engine defects.

# Contents

OCR10-M57002

Fig. No.      Fig. Name

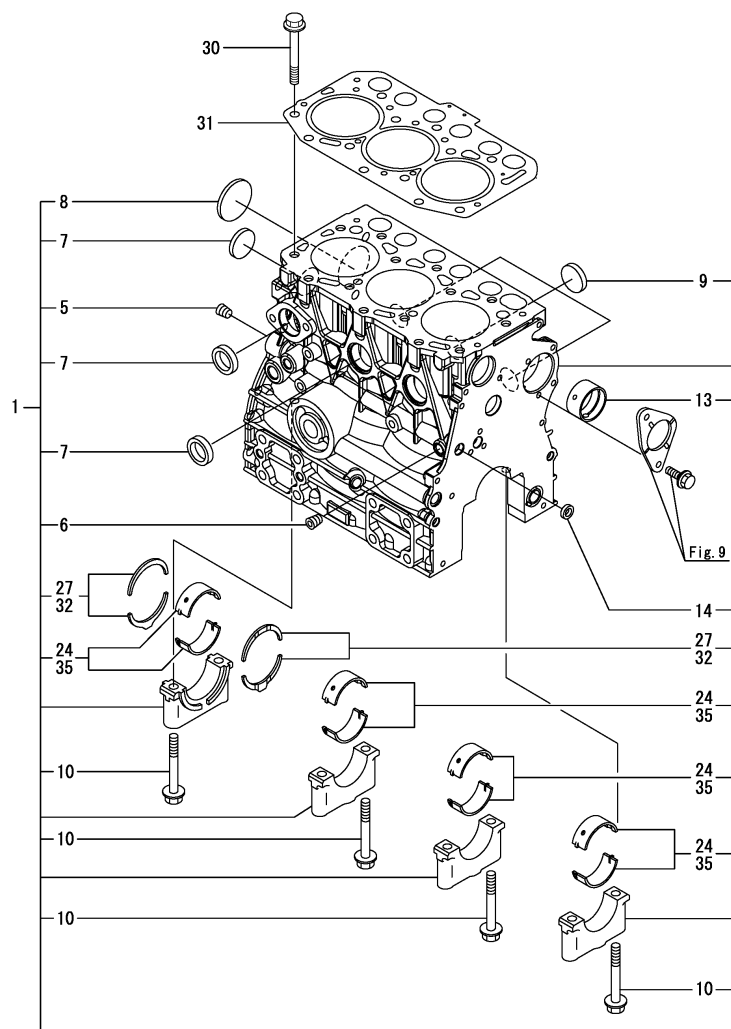
3YM20

1. CYLINDER BLOCK
2. GEAR HOUSING
3. FLYWHEEL HOUSING & OIL SUMP
4. MOUNTING FOOT
5. LABEL
6. CYLINDER HEAD & BONNET
7. AIR INTAKE SILENCER
8. MIXING ELBOW
9. CAMSHAFT & DRIVING GEAR
10. CRANKSHAFT & PISTON
11. DIPSTICK
12. LUB. OIL SYSTEM
13. COOLING PUMP(SEA WATER)(TO E/#E13045)
43. (13A)COOLING PUMP(SEA WATER)(FROM E/#E13046)
14. COOLING PUMP(FRESH WATER)
15. COOLER(FRESH WATER)
16. COOLING PIPE(SEA WATER)
17. COOLING PIPE(FRESH WATER)
18. BILGE PUMP(STANDARD)(OPTIONAL)(TO APR. 2004)
19. BILGE PUMP(DELUXE)(OPTIONAL)(TO APR. 2004)
38. (19A)BILGE PUMP(OPTIONAL)(FROM MAR. 2004)
20. FUEL INJECTION PUMP
21. GOVERNOR
22. FUEL FEED PUMP

Fig. No.      Fig. Name

23. FUEL INJECTION VALVE & FUEL INJECTION PIPE
24. FUEL PIPE & FUEL FILTER
48. (24A)WATER SEPARATOR
25. FUEL TANK(OPTIONAL)
26. BRACKET(CABLE)
27. CLUTCH
28. CLUTCH REMOTE CONTROL
29. COUPLING(OPTIONAL)
30. STARTER MOTOR
31. GENERATOR(HITACHI/60A)(UP TO SEP. 2010)
32. GENERATOR(HITACHI/80A)(UP TO E/#E11905)
41. (32A)GENERATOR(VALEO)(FROM E/#E11906)
44. (32B)GENERATOR(INNER PARTS)
33. COVER(V-BELT)
34. WIRE HARNESS & RELAY
45. (34A)WIRE HARNESS (2-PANEL SPEC.)
46. (34B)ELECTRIC PARTS
35. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)
36. TOOL
37. GASKET SET(OPTIONAL)
39. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)
40. INSTRUMENT PANEL(MEDALLION)(FROM JAN. 2012)
42. COMBINATION OF GENERATOR, WIRE HARNESS, AND PANEL
47. PROPELLER NUT

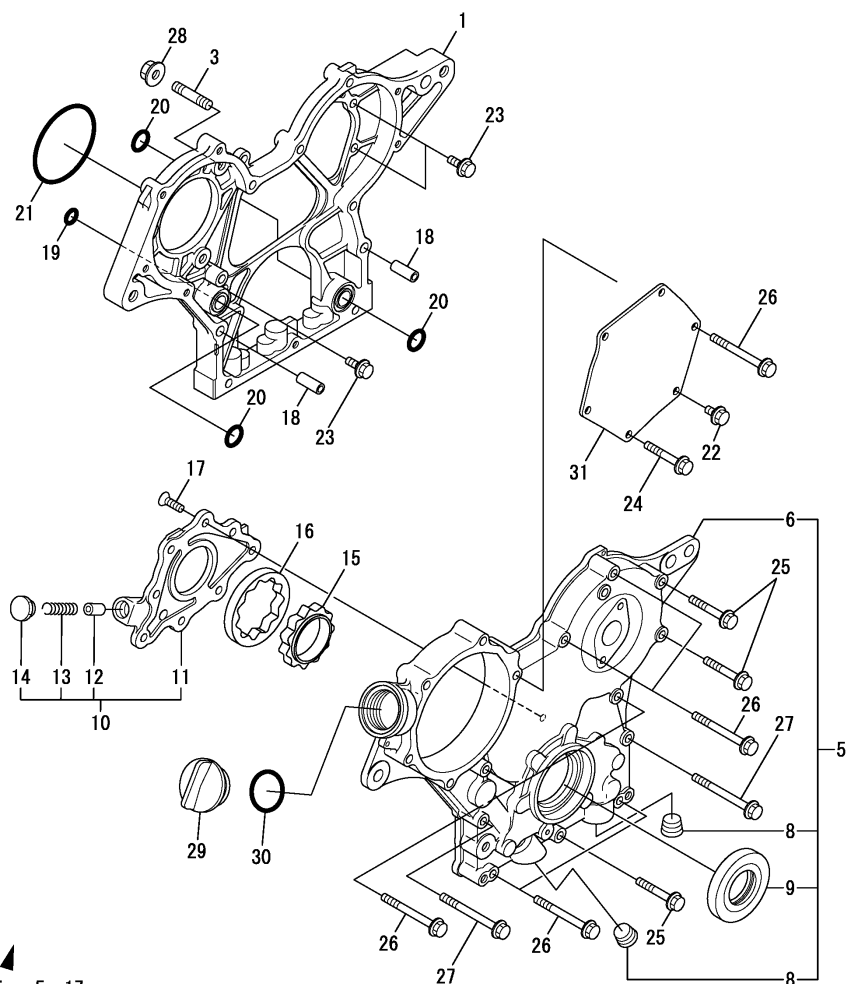
Fig.1. CYLINDER BLOCK



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 719515-01560 | BLOCK ASSY, CYLINDER | 1    |     |     |     |     |     |   |     |
| 5             | 2    | 124160-01910 | PLUG, PT1/4          | 1    |     |     |     |     |     |   |     |
| 6             | 2    | 124060-01050 | PLUG, PT1/8          | 1    |     |     |     |     |     |   |     |
| 7             | 2    | 105311-01090 | PLUG, CUP TYPE 30    | 4    |     |     |     |     |     |   |     |
| 8             | 2    | 119623-01250 | PLUG, DISH TYPE 45   | 1    |     |     |     |     |     |   |     |
| 9             | 2    | 119285-01990 | PLUG, CUP TYPE 25    | 3    |     |     |     |     |     |   |     |
| 10            | 2    | 119620-02020 | BOLT, METAL CAP      | 8    |     |     |     |     |     |   |     |
| 13            | 2    | 119717-02410 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     |   |     |
| 13-1          | 2    | 119717-02411 | BUSH, CAMSHAFT       | 1    |     |     |     |     |     |   | N   |
| (A=*2006.06.) |      |              |                      |      |     |     |     |     |     |   |     |
| 14            | 2    | 27241-120000 | PLUG, 12             | 1    |     |     |     |     |     |   |     |
| 24            | 2    | 719717-02900 | BEARING ASSY, MAIN   | 4    |     |     |     |     |     |   | 1   |
| 24-1          | 2    | 719717-02901 | BEARING ASSY, MAIN   | 4    |     |     |     |     |     |   | N 1 |
| (A=*2006.06.) |      |              |                      |      |     |     |     |     |     |   |     |
| 27            | 2    | 119717-02930 | BEARING ASSY, THRUST | 2    |     |     |     |     |     |   |     |
| 30            | 1    | 119515-01200 | BOLT, CYLINDER HEAD  | 14   |     |     |     |     |     |   |     |
| 31            | 1    | 119515-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |   |     |
| 31-1          | 1    | 119515-01331 | GASKET, HEAD         | 1    |     |     |     |     |     |   | N   |
| (A=*2011.12.) |      |              |                      |      |     |     |     |     |     |   |     |
| 32            | 1    | 119810-02940 | BEARING, THRUST 0.25 | 2    |     |     |     |     |     |   | 2   |
| 32-1          | 1    | 119810-02941 | BEARING, THRUST 0.25 | 2    |     |     |     |     |     |   | N 2 |
| (A=*2011.12.) |      |              |                      |      |     |     |     |     |     |   |     |
| 35            | 1    | 719717-02910 | BEARING ASSY, MAIN   | 4    |     |     |     |     |     |   | 3   |
| 35-1          | 1    | 719717-02911 | BEARING ASSY, MAIN   | 4    |     |     |     |     |     |   | N 3 |
| (A=*2011.12.) |      |              |                      |      |     |     |     |     |     |   |     |

- (1) Spare parts.
- (2) Over-sized (O.S.=0.25) parts.
- (3) Under-sized (U.S.=0.25) parts.

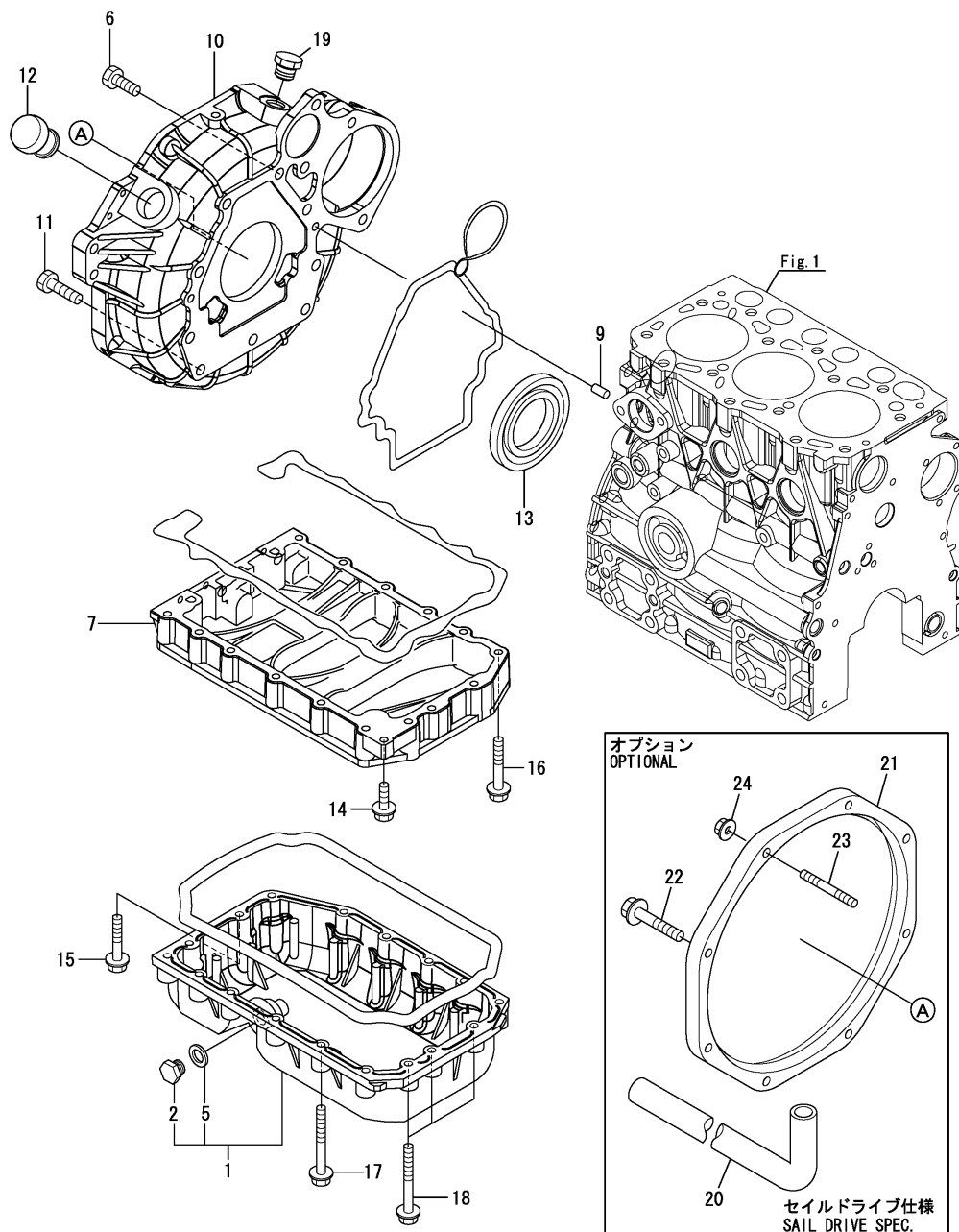
Fig.2. GEAR HOUSING



4 inc. 5~17

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |
| 1   | 1    | 119717-01501 | CASE, GEAR           | 1    |     |     |     |     |     |
| 3   | 1    | 119717-01570 | BOLT, STUD           | 3    |     |     |     |     |     |
| 4   | 1    | 119717-01590 | COVER ASSY,GEAR CASE | 1    |     |     |     |     |     |
| 5   | 2    | 719717-01500 | COVER ASSY,GEAR CASE | 1    |     |     |     |     |     |
| 6   | 3    | 119717-01521 | COVER, GEAR CASE     | 1    |     |     |     |     |     |
| 8   | 4    | 23876-030000 | PLUG, R03            | 2    |     |     |     |     |     |
| 9   | 3    | 119620-01800 | SEAL, OIL            | 1    |     |     |     |     |     |
| 10  | 2    | 119717-32100 | COVER ASSY           | 1    |     |     |     |     |     |
| 11  | 3    | 119717-32080 | COVER, PUMP          | 1    |     |     |     |     |     |
| 12  | 3    | 129900-32130 | VALVE, RELIEF        | 1    |     |     |     |     |     |
| 13  | 3    | 129001-32320 | SPRING               | 1    |     |     |     |     |     |
| 14  | 3    | 129001-32330 | PLUG                 | 1    |     |     |     |     |     |
| 15  | 2    | 119717-32110 | ROTOR, INNER         | 1    |     |     |     |     |     |
| 16  | 2    | 119717-32120 | ROTOR, OUTER         | 1    |     |     |     |     |     |
| 17  | 2    | 119802-32130 | SCREW, M6X16         | 8    |     |     |     |     |     |
| 18  | 1    | 119660-01911 | PIPE, DOWEL 6X17     | 4    |     |     |     |     |     |
| 19  | 1    | 119624-32040 | O-RING, P12.0        | 1    |     |     |     |     |     |
| 20  | 1    | 119717-32050 | O-RING, P17.0        | 3    |     |     |     |     |     |
| 21  | 1    | 121850-51960 | O-RING               | 1    |     |     |     |     |     |
| 22  | 1    | 26106-060122 | BOLT, M6X 12 PLATED  | 1    |     |     |     |     |     |
| 23  | 1    | 26106-060162 | BOLT, M6X 16 PLATED  | 4    |     |     |     |     |     |
| 24  | 1    | 26106-060402 | BOLT, M6X 40 PLATED  | 4    |     |     |     |     |     |
| 25  | 1    | 26106-060402 | BOLT, M6X 40 PLATED  | 3    |     |     |     |     |     |
| 26  | 1    | 26106-060602 | BOLT, M6X 60 PLATED  | 7    |     |     |     |     |     |
| 27  | 1    | 26106-060652 | BOLT, M6X 65 PLATED  | 2    |     |     |     |     |     |
| 28  | 1    | 26306-080002 | NUT, M8              | 3    |     |     |     |     |     |
| 29  | 1    | 124160-01751 | CAP, FILLER          | 1    |     |     |     |     |     |
| 30  | 1    | 24311-000320 | O-RING, 1AP32.0      | 1    |     |     |     |     |     |
| 31  | 1    | 119717-01750 | COVER, PUMP          | 1    |     |     |     |     |     |

Fig.3. FLYWHEEL HOUSING & OIL SUMP



| No.  | Lev. | Parts No.     | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|---------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |               |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 128890-01750  | SUMP CMP, LUB OIL    | 1    |     |     |     |     |     |   |   |
| 2    | 2    | 121450-42450  | PLUG, M16            | 1    |     |     |     |     |     |   |   |
| 5    | 2    | 124465-44950  | GASKET, 16           | 1    |     |     |     |     |     |   |   |
| 5-1  | 2    | 22190-160002  | WASHER, SEAL 16      | 1    |     |     |     |     |     |   | N |
|      |      | (A=*2008.07.) |                      |      |     |     |     |     |     |   |   |
| 6    | 1    | 26206-100252  | BOLT, M10X 25 PLATED | 8    |     |     |     |     |     |   |   |
| 7    | 1    | 119515-01720  | SPACER, OIL-PAN      | 1    |     |     |     |     |     |   |   |
| 9    | 1    | 129100-01580  | PIN, PARALLEL 8X16   | 2    |     |     |     |     |     |   |   |
| 10   | 1    | 128990-01650  | HOUSING, FLYWHEEL    | 1    |     |     |     |     |     |   |   |
| 11   | 1    | 121120-01620  | BOLT, M10X28         | 3    |     |     |     |     |     |   |   |
| 11-1 | 1    | 26206-100302  | BOLT, M10X 30 PLATED | 3    |     |     |     |     |     |   | R |
|      |      | (A=*2009.08.) |                      |      |     |     |     |     |     |   |   |
| 12   | 1    | 119620-01750  | CAP                  | 1    |     |     |     |     |     |   |   |
| 13   | 1    | 124085-02220  | SEAL, OIL            | 1    |     |     |     |     |     |   |   |
| 14   | 1    | 26106-060252  | BOLT, M6X 25 PLATED  | 1    |     |     |     |     |     |   |   |
| 15   | 1    | 26106-060282  | BOLT, M6X 28 PLATED  | 1    |     |     |     |     |     |   |   |
| 16   | 1    | 26106-060452  | BOLT, M6X 45 PLATED  | 1    |     |     |     |     |     |   |   |
| 17   | 1    | 26106-060602  | BOLT, M6X 60 PLATED  | 13   |     |     |     |     |     |   |   |
| 18   | 1    | 26106-060602  | BOLT, M6X 60 PLATED  | 3    |     |     |     |     |     |   |   |
| 19   | 1    | 23887-180002  | PLUG, 18             | 1    |     |     |     |     |     |   |   |
| 20   | 1    | 128990-49030  | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 21   | 1    | 128990-81150  | SPACER, CLUTCH       | 1    |     |     |     |     |     |   |   |
| 22   | 1    | 26106-080452  | BOLT, M8X 45 PLATED  | 5    |     |     |     |     |     |   |   |
| 23   | 1    | 26216-080452  | STUD, M8X 45         | 3    |     |     |     |     |     |   |   |
| 24   | 1    | 26366-080002  | NUT, M8              | 3    |     |     |     |     |     |   |   |

N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xrightarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xrightarrow[\text{No}]{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
Copyright (C) 2018 YANMAR CO., LTD. All RightsReserved.



Fig.5. LABEL

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.     | Description         | Q'ty |     |     |     |     |     | I | R |
|-----|------|---------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |               |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 128990-07900  | LABEL ASSY,CAUTION  | 1    |     |     |     |     |     |   | W |
|     |      | (A=E/#E13624) |                     |      |     |     |     |     |     |   |   |
| 2   | 2    | 128377-07260  | LABEL, PRESSURE CAP | 1    |     |     |     |     |     |   |   |
| 2-1 | 2    | 128990-07270  | LABEL, PRESSURE CAP | 1    |     |     |     |     |     |   | N |
|     |      | (A=E/#E13624) |                     |      |     |     |     |     |     |   |   |
| 3   | 2    | 177088-02430  | LABEL, FORWARD      | 1    |     |     |     |     |     |   | W |
|     |      | (A=E/#E13624) |                     |      |     |     |     |     |     |   |   |
| 4   | 2    | 128377-07150  | LABEL, CAUTION      | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 196630-12980  | LABEL, CAUTION      | 1    |     |     |     |     |     |   |   |
| 5A  | 1    | 123682-07852  | LABEL, CAUTION      | 1    |     |     |     |     |     |   |   |
| 5B  | 1    | 128990-34900  | LABEL,OIL CHECK     | 1    |     |     |     |     |     |   | W |
|     |      | (A=E/#E13624) |                     |      |     |     |     |     |     |   |   |
| 5C  | 1    | 128377-07350  | LABEL, CAUTION      | 1    |     |     |     |     |     |   | Z |
|     |      | (A=E/#E13624) |                     |      |     |     |     |     |     |   |   |
| 6   | 1    | 128296-07190  | LABEL,LOOSE PARTS   | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 128296-07400  | LABEL, DANGER       | 2    |     |     |     |     |     |   |   |
| 8   | 2    | 128296-07420  | LABEL, DANGER       | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 128296-07450  | LABEL, CAUTION      | 1    |     |     |     |     |     |   |   |
| 10  | 2    | 128296-07460  | LABEL, CAUTION      | 1    |     |     |     |     |     |   |   |

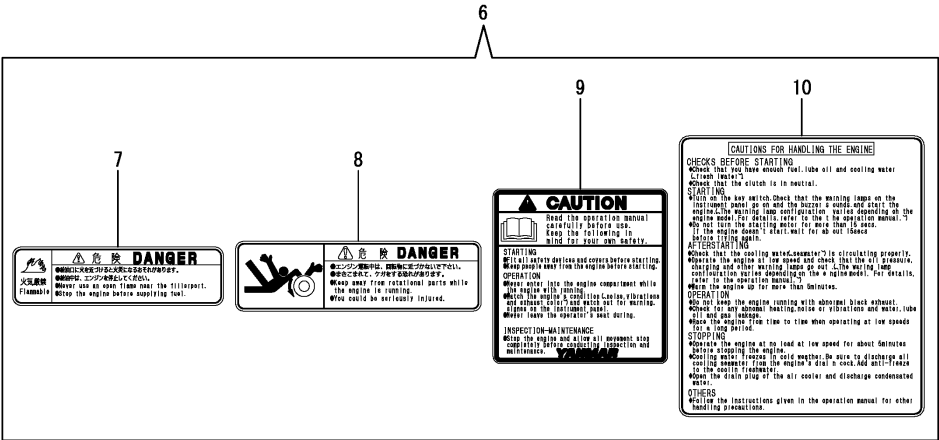
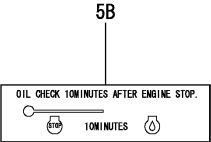
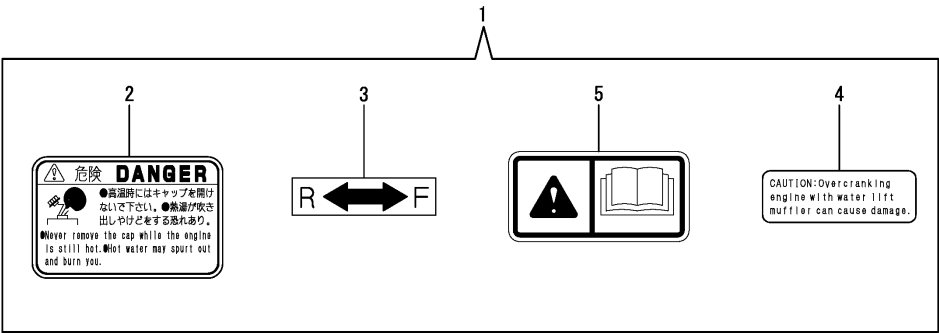
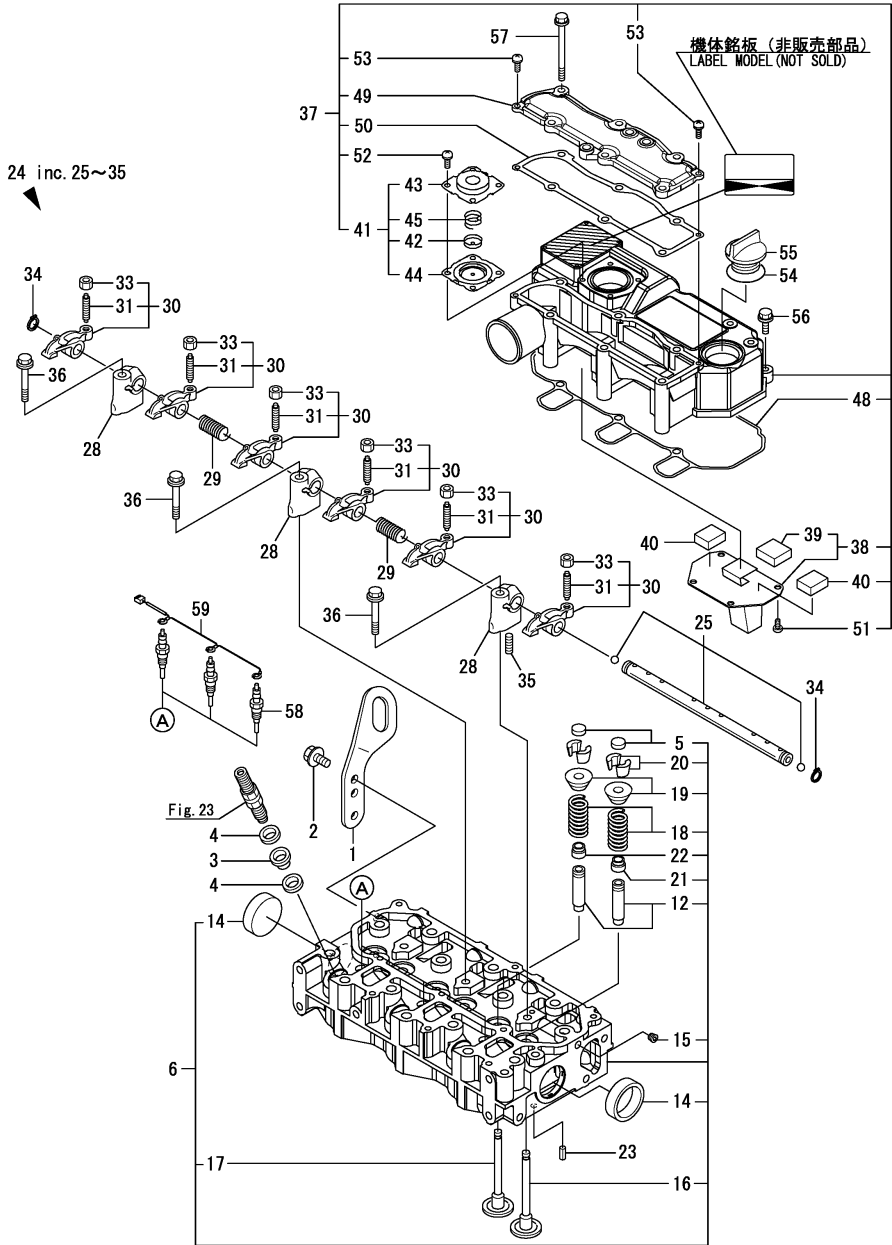




Fig.6. CYLINDER HEAD & BONNET

(A)=3YM20  
(B)=  
(C)=

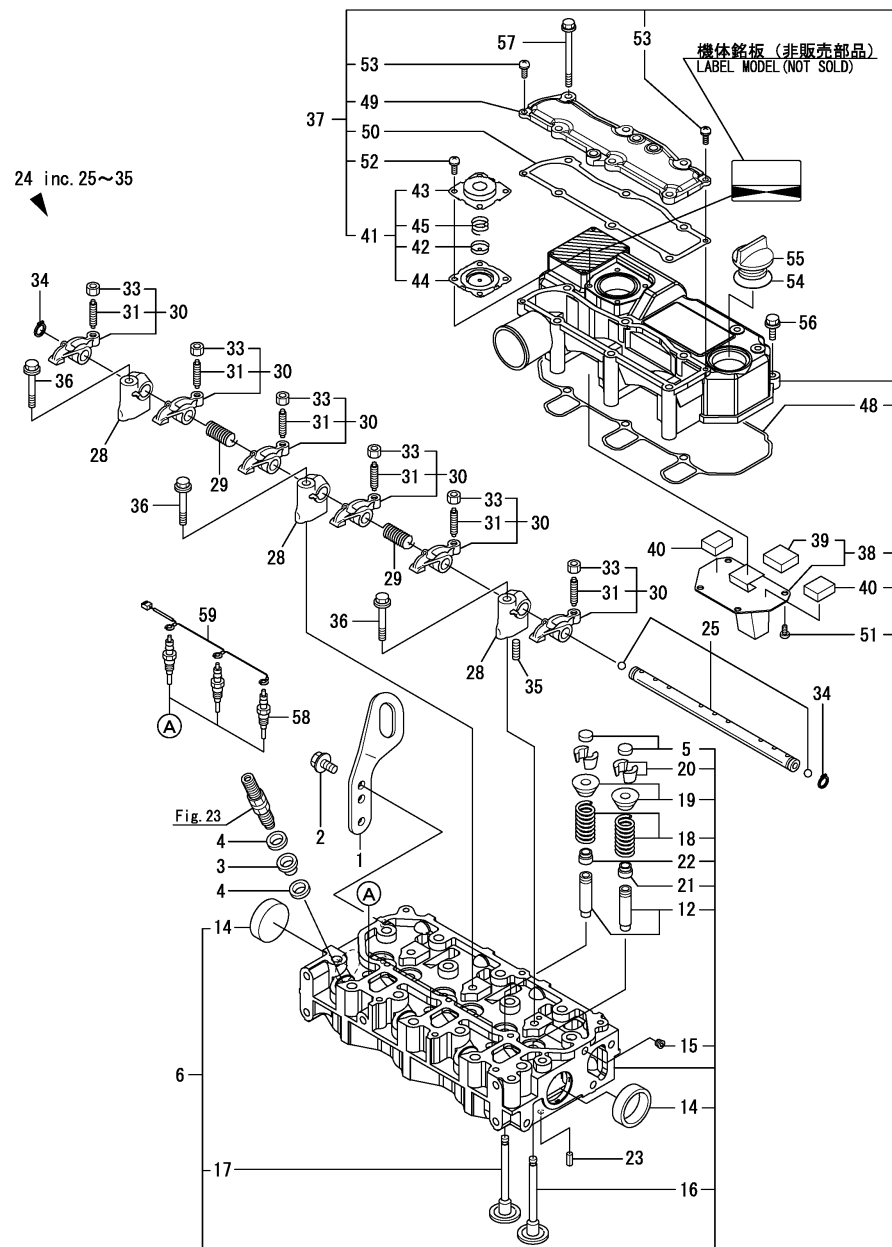
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-07910 | LIFTER               | 1    |     |     |     |     |     |   |   |
| 2             | 1    | 26106-080142 | BOLT, M8X 14 PLATED  | 2    |     |     |     |     |     |   |   |
| 3             | 1    | 129901-11450 | PROTECTOR, NOZZLE    | 3    |     |     |     |     |     |   |   |
| 4             | 1    | 119600-11460 | GASKET, NOZZLE       | 6    |     |     |     |     |     |   |   |
| 5             | 1    | 105010-11490 | CAP, VALVE           | 6    |     |     |     |     |     |   |   |
| 6             | 1    | 119515-11750 | HEAD ASSY, CYLINDER  | 1    |     |     |     |     |     |   |   |
| 12            | 2    | 119515-11800 | GUIDE, VALVE         | 6    |     |     |     |     |     |   | 1 |
| 14            | 2    | 119285-11990 | PLUG, CUP TYPE 35    | 2    |     |     |     |     |     |   |   |
| 15            | 2    | 23876-005000 | PLUG, R005           | 1    |     |     |     |     |     |   |   |
| 16            | 2    | 119515-11100 | VALVE, SUCTION       | 3    |     |     |     |     |     |   |   |
| 16-1          | 2    | 119515-11101 | VALVE, SUCTION       | 3    |     |     |     |     |     |   | N |
| (A=*2006.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 17            | 2    | 119515-11110 | VALVE, EXHAUST       | 3    |     |     |     |     |     |   |   |
| 18            | 2    | 119717-11131 | SPRING, VALVE        | 6    |     |     |     |     |     |   |   |
| 19            | 2    | 129508-11180 | RETAINER, SPRING     | 6    |     |     |     |     |     |   |   |
| 20            | 2    | 119717-11190 | COTTER, VALVE        | 12   |     |     |     |     |     |   |   |
| 21            | 2    | 119717-11340 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 22            | 2    | 119717-11350 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |   |   |
| 23            | 1    | 22351-060012 | PIN, SPRING 6.0X12   | 2    |     |     |     |     |     |   |   |
| 24            | 1    | 119515-11200 | SUPPORT ASSY, ROCKER | 1    |     |     |     |     |     |   |   |
| 25            | 2    | 119515-11240 | SHAFT ASSY, ROCKER   | 1    |     |     |     |     |     |   |   |
| 28            | 2    | 119717-11260 | SUPPORT, ROCKER ARM  | 3    |     |     |     |     |     |   |   |
| 29            | 2    | 119515-11280 | SPRING, ROCKER       | 2    |     |     |     |     |     |   |   |
| 30            | 2    | 119717-11650 | ARM ASSY, ROCKER     | 6    |     |     |     |     |     |   |   |
| 31            | 3    | 129150-11230 | SCREW, VALVE ADJUST  | 6    |     |     |     |     |     |   |   |
| 33            | 3    | 129150-11750 | NUT, M8              | 6    |     |     |     |     |     |   |   |
| 34            | 2    | 22242-000120 | RING, 12             | 2    |     |     |     |     |     |   |   |
| 35            | 2    | 26979-050162 | SCREW, M5X16         | 1    |     |     |     |     |     |   |   |
| 36            | 1    | 26106-080402 | BOLT, M8X 40 PLATED  | 3    |     |     |     |     |     |   |   |
| 37            | 1    | 119515-11380 | BONNET ASSY, HEAD    | 1    |     |     |     |     |     |   |   |
| 38            | 2    | 119717-03031 | PLATE, BAFFLE        | 1    |     |     |     |     |     |   |   |
| 39            | 3    | 119717-03070 | BAFFLE, BREATHER     | 1    |     |     |     |     |     |   |   |
| 40            | 2    | 119717-03070 | BAFFLE, BREATHER     | 2    |     |     |     |     |     |   |   |
| 41            | 2    | 119802-03100 | DIAPHRAGM ASSY       | 1    |     |     |     |     |     |   |   |
| 42            | 3    | 119802-03110 | PLATE, DIAPHRAGM     | 1    |     |     |     |     |     |   |   |
| 43            | 3    | 119802-03121 | COVER, DIAPHRAGM     | 1    |     |     |     |     |     |   |   |
| 44            | 3    | 119802-03131 | DIAPHRAGM            | 1    |     |     |     |     |     |   |   |
| 45            | 3    | 119802-03141 | SPRING, DIAPHRAGM    | 1    |     |     |     |     |     |   |   |
| 48            | 2    | 119515-11310 | GASKET, BONNET       | 1    |     |     |     |     |     |   |   |
| 49            | 2    | 119515-11320 | COVER, BONNET        | 1    |     |     |     |     |     |   |   |
| 50            | 2    | 119515-11330 | GASKET               | 1    |     |     |     |     |     |   |   |
| 51            | 2    | 22857-500100 | SCREW, 5X10          | 4    |     |     |     |     |     |   |   |
| 52            | 2    | 22857-500100 | SCREW, 5X10          | 4    |     |     |     |     |     |   |   |
| 53            | 2    | 22857-500160 | SCREW, 5X16          | 2    |     |     |     |     |     |   |   |
| 54            | 1    | 24311-000320 | O-RING, 1AP32.0      | 1    |     |     |     |     |     |   |   |
| 55            | 1    | 124160-01751 | CAP, FILLER          | 1    |     |     |     |     |     |   |   |
| 56            | 1    | 26106-060202 | BOLT, M6X 20 PLATED  | 3    |     |     |     |     |     |   |   |
| 57            | 1    | 26106-060752 | BOLT, M6X 75 PLATED  | 6    |     |     |     |     |     |   |   |
| 58            | 1    | 119717-77800 | PLUG, GLOW           | 3    |     |     |     |     |     |   |   |
| 58-1          | 1    | 119717-77801 | PLUG, GLOW           | 3    |     |     |     |     |     |   | N |

(A=\*2012.03.)

Fig.6. CYLINDER HEAD & BONNET



Remarks  
(1) Spare parts.

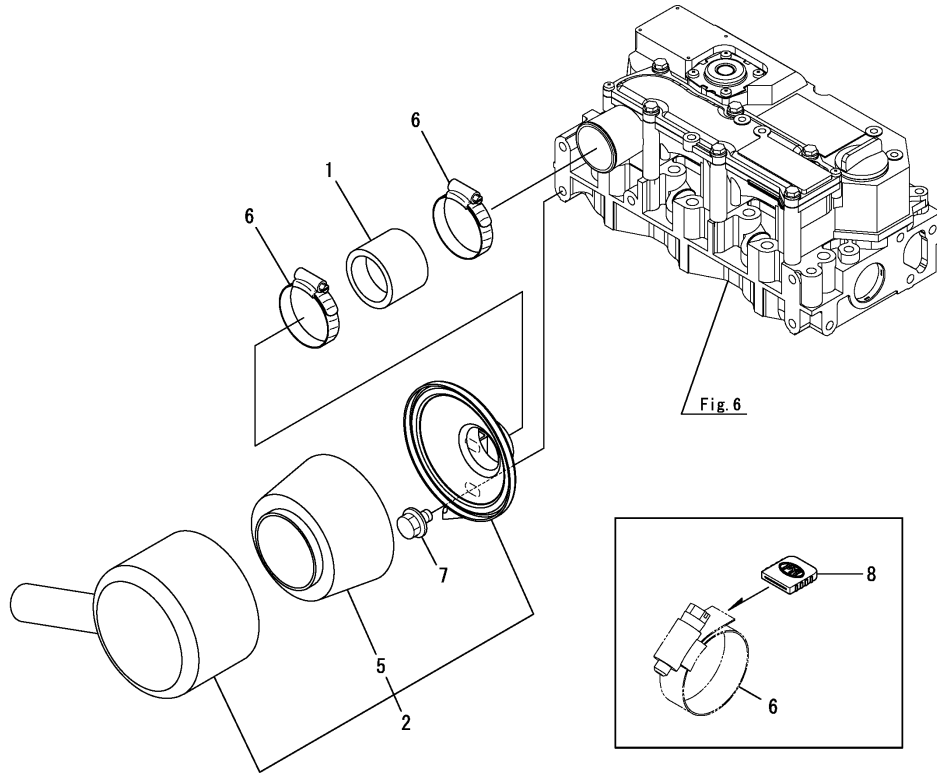
(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

[illegible]

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

Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.



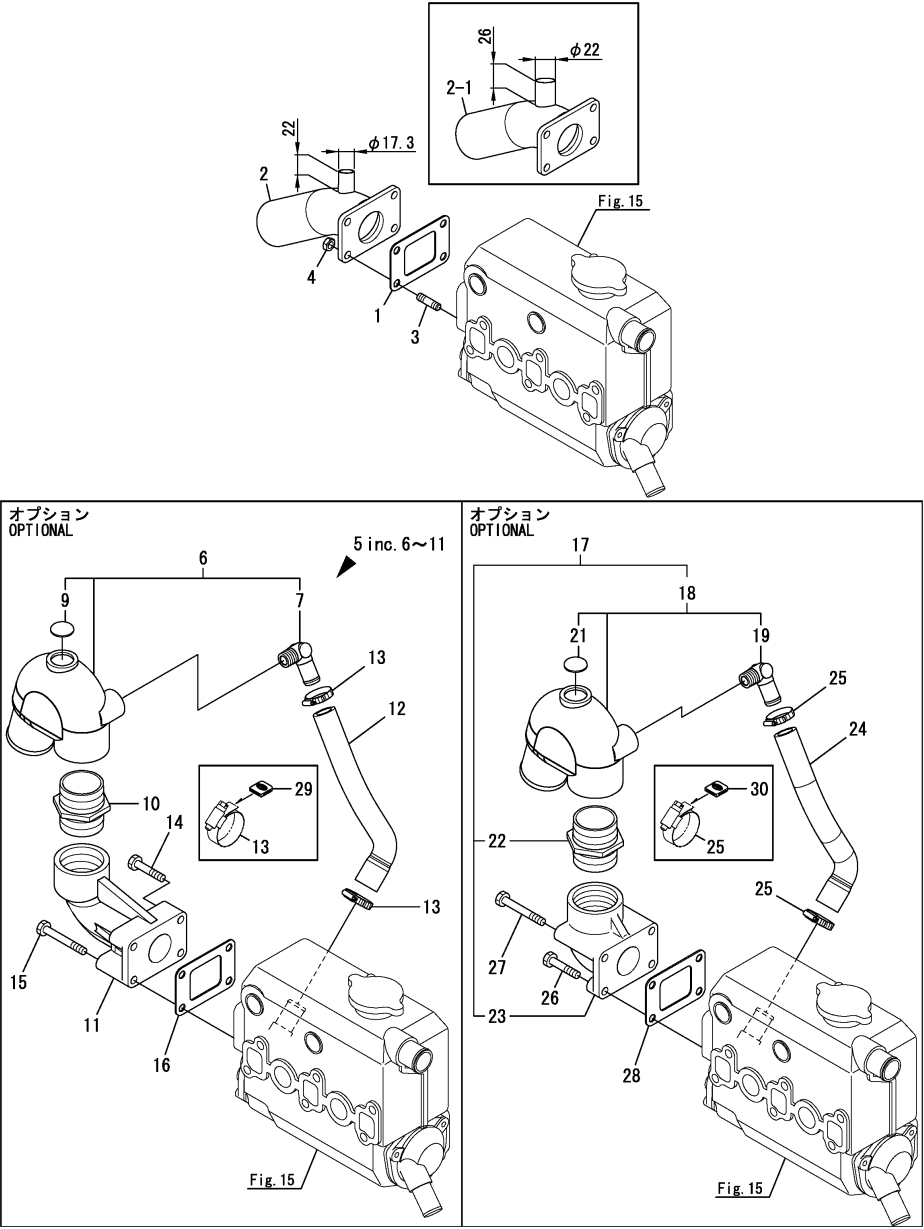
| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-12210 | JOINT                | 1    |     |     |     |     |     |   |   |
| 2             | 1    | 128990-12500 | SILENCER ASSY        | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 128270-12540 | ELEMENT              | 1    |     |     |     |     |     |   |   |
| 6             | 1    | 23001-060000 | CLAMP, HOSE 60       | 2    |     |     |     |     |     |   |   |
| 6-1           | 1    | 23000-060000 | CLAMP, 60            | 2    |     |     |     |     |     |   | R |
| (A=*2004.06.) |      |              |                      |      |     |     |     |     |     |   |   |
| 7             | 1    | 26106-080122 | BOLT, M8X 12 PLATED  | 2    |     |     |     |     |     |   |   |
| 8             | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 2    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |   |

Fig.8. MIXING ELBOW

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 128370-13201 | GASKET               | 1    |     |     |     |     |     |   |     |
| 2             | 1    | 128397-13530 | ELBOW                | 1    |     |     |     |     |     |   |     |
| 2-1           | 1    | 128890-13530 | ELBOW                | 1    |     |     |     |     |     | S | 1   |
| (A=E/#E10518) |      |              |                      |      |     |     |     |     |     |   |     |
| 3             | 1    | 128170-13600 | STUD, M8X31          | 4    |     |     |     |     |     |   |     |
| 3-1           | 1    | 129670-13600 | STUD                 | 4    |     |     |     |     |     |   | R   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |     |
| 4             | 1    | 26703-080002 | NUT, M8              | 4    |     |     |     |     |     |   |     |
| 5             | 1    | 128370-13600 | ELBOW ASSY, MIXING   | 1    |     |     |     |     |     |   | W   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |     |
| 5A            | 1    | 128890-13600 | ELBOW ASSY,U-MIXING  | 1    |     |     |     |     |     |   | W 2 |
| (A=*2018.10.) |      |              |                      |      |     |     |     |     |     |   |     |
| 6             | 2    | 124070-13520 | ELBOW                | 1    |     |     |     |     |     |   |     |
| 6A            | 2    | 128890-13590 | ELBOW ASSY,U-MIXING  | 1    |     |     |     |     |     |   | W 2 |
| (A=*2018.10.) |      |              |                      |      |     |     |     |     |     |   |     |
| 7             | 3    | 124070-13300 | ELBOW, PT3/8         | 1    |     |     |     |     |     |   |     |
| 9             | 3    | 27233-250000 | PLUG, 25             | 1    |     |     |     |     |     |   |     |
| 10            | 2    | 104214-13580 | JOINT                | 1    |     |     |     |     |     |   |     |
| 11            | 2    | 128370-13610 | ELBOW                | 1    |     |     |     |     |     |   |     |
| 12            | 1    | 128990-49040 | PIPE, WATER          | 1    |     |     |     |     |     |   |     |
| 13            | 1    | 23000-025000 | CLAMP, 25            | 2    |     |     |     |     |     |   |     |
| 14            | 1    | 26203-080402 | BOLT, M8X 40 PLATED  | 2    |     |     |     |     |     |   |     |
| 14-1          | 1    | 26203-080452 | BOLT, 8 X 45         | 2    |     |     |     |     |     |   | N   |
| (A=*2018.10.) |      |              |                      |      |     |     |     |     |     |   |     |
| 15            | 1    | 26203-080602 | BOLT, M8X 60 PLATED  | 2    |     |     |     |     |     |   |     |
| 15-1          | 1    | 26203-080652 | BOLT, 8 X 65         | 2    |     |     |     |     |     |   | N   |
| (A=*2018.10.) |      |              |                      |      |     |     |     |     |     |   |     |
| 16            | 1    | 128370-13201 | GASKET               | 1    |     |     |     |     |     |   |     |
| 17            | 1    | 128990-13510 | ELBOW ASSY           | 1    |     |     |     |     |     |   | W   |
| (A=*2004.08.) |      |              |                      |      |     |     |     |     |     |   |     |
| 18            | 2    | 128990-13520 | ELBOW ASSY           | 1    |     |     |     |     |     |   |     |
| 19            | 3    | 124070-13300 | ELBOW, PT3/8         | 1    |     |     |     |     |     |   |     |
| 21            | 3    | 27233-250000 | PLUG, 25             | 1    |     |     |     |     |     |   |     |
| 22            | 2    | 104214-13580 | JOINT                | 1    |     |     |     |     |     |   |     |
| 23            | 2    | 128990-13610 | BEND, EXHAUST        | 1    |     |     |     |     |     |   |     |
| 24            | 1    | 128990-49090 | PIPE, WATER          | 1    |     |     |     |     |     |   |     |
| 25            | 1    | 23000-025000 | CLAMP, 25            | 2    |     |     |     |     |     |   |     |
| 25-1          | 1    | 23000-028000 | CLAMP, HOSE 28       | 2    |     |     |     |     |     |   | N   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 26            | 1    | 26203-080302 | BOLT, M8X 30 PLATED  | 2    |     |     |     |     |     |   |     |
| 27            | 1    | 26203-080802 | BOLT, M8X 80 PLATED  | 2    |     |     |     |     |     |   |     |
| 28            | 1    | 128370-13201 | GASKET               | 1    |     |     |     |     |     |   |     |
| 29            | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 2    |     |     |     |     |     |   | W   |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |     |
| 30            | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 2    |     |     |     |     |     |   | W   |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |     |



Remarks  
(1)No.2-1 & Fig.16 No.3-1 interchangeable by set.  
(2)Starter side.

Fig.9. CAMSHAFT & DRIVING GEAR

OCR10-M57002 Fig.9

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 119620-14200 | TAPPET              | 6    |     |     |     |     |     |   |   |
| 2             | 1    | 119515-14400 | PUSH-ROD            | 6    |     |     |     |     |     |   |   |
| 3             | 1    | 119515-14580 | CAMSHAFT ASSY       | 1    |     |     |     |     |     |   |   |
| 3-1           | 1    | 119515-14581 | CAMSHAFT ASSY       | 1    |     |     |     |     |     |   | R |
| (A=*2006.06.) |      |              |                     |      |     |     |     |     |     |   |   |
| 9             | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 2    |     |     |     |     |     |   |   |
| 10            | 1    | 119717-25050 | SHAFT, IDLE         | 1    |     |     |     |     |     |   |   |
| 11            | 1    | 119717-25100 | GEAR ASSY, IDLE     | 1    |     |     |     |     |     |   |   |
| 11-1          | 1    | 119717-25101 | GEAR ASSY, IDLE     | 1    |     |     |     |     |     |   | N |
| (A=*2006.06.) |      |              |                     |      |     |     |     |     |     |   |   |
| 14            | 1    | 26106-060352 | BOLT, M6X 35 PLATED | 3    |     |     |     |     |     |   |   |
| 15            | 1    | 129150-25301 | BOLT                | 4    |     |     |     |     |     |   |   |
| 16            | 1    | 119717-25930 | GEAR, PUMP          | 1    |     |     |     |     |     |   |   |

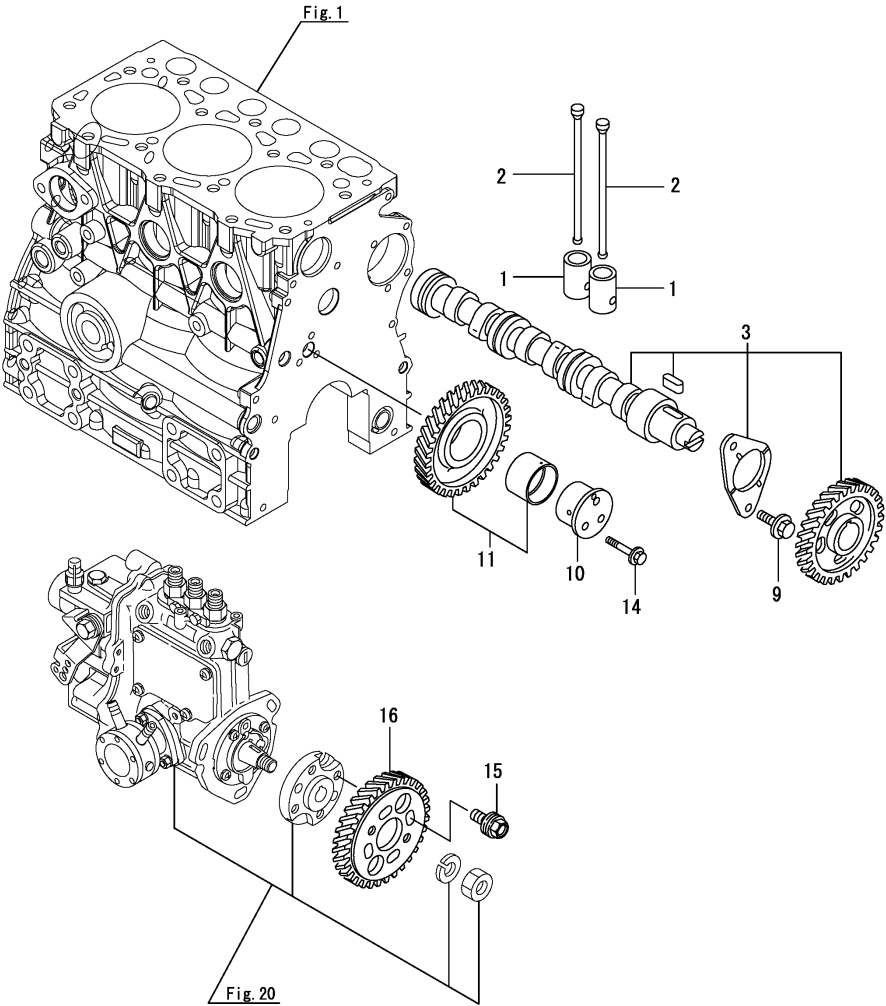
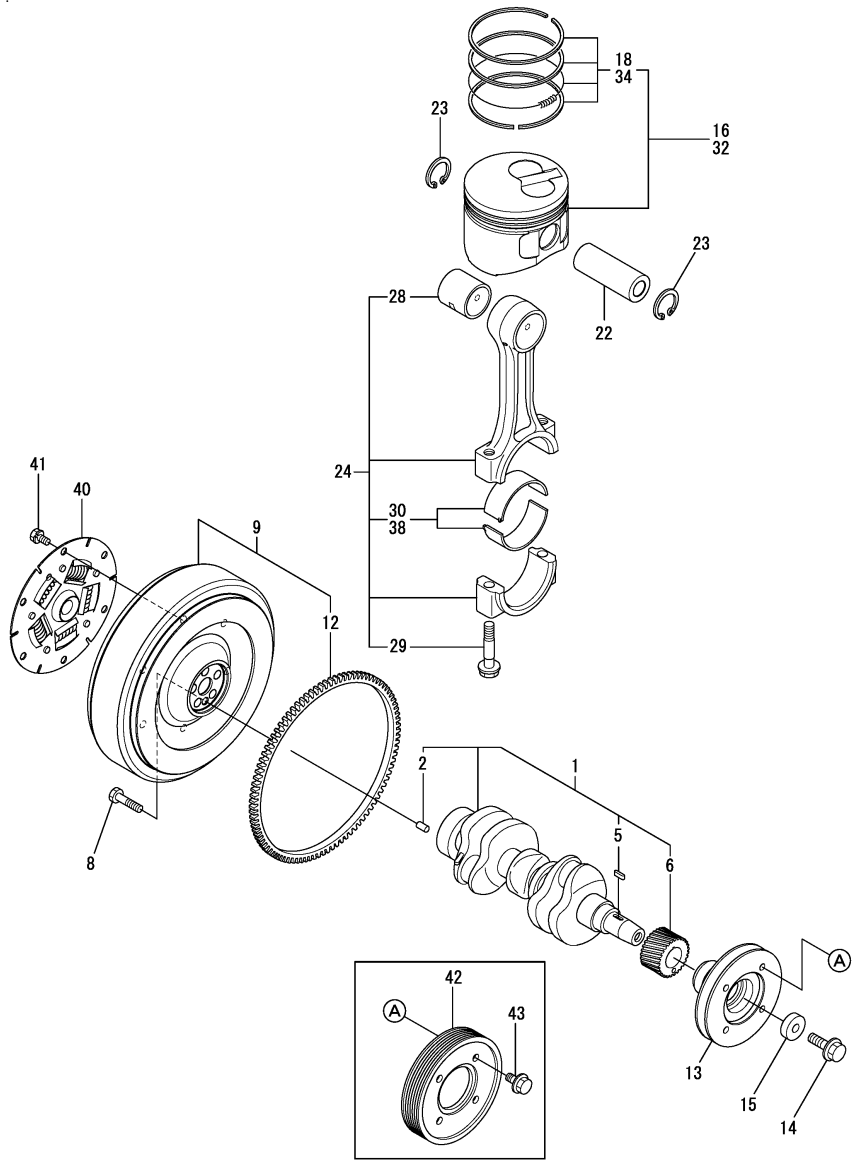


Fig.10. CRANKSHAFT & PISTON



Remarks  
(1)Spare parts.  
(2)Over-sized(O.S.=0.25) parts.  
(3)Under-sized(U.S.=0.25) parts.  
(4)Valeo generator specification.

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 119515-21700 | CRANKSHAFT ASSY      | 1    |     |     |     |     |     |   |     |
| 2             | 2    | 129100-01580 | PIN, PARALLEL 8X16   | 1    |     |     |     |     |     |   |     |
| 5             | 2    | 22512-040120 | KEY, 4X 12           | 1    |     |     |     |     |     |   |     |
| 6             | 2    | 119717-21200 | GEAR, CRANKSHAFT     | 1    |     |     |     |     |     |   |     |
| 8             | 1    | 121111-21501 | BOLT, FLYWHEEL       | 5    |     |     |     |     |     |   |     |
| 9             | 1    | 128990-21590 | FLYWHEEL ASSY        | 1    |     |     |     |     |     |   |     |
| 12            | 2    | 124950-21600 | GEAR, RING           | 1    |     |     |     |     |     |   |     |
| 13            | 1    | 128990-21650 | V-PULLEY             | 1    |     |     |     |     |     |   |     |
| 14            | 1    | 119621-21680 | BOLT, FLANGE 12X1.25 | 1    |     |     |     |     |     |   |     |
| 14-1          | 1    | 119621-21681 | BOLT, FLANGE 12X1.25 | 1    |     |     |     |     |     |   | R   |
| (A=*2009.07.) |      |              |                      |      |     |     |     |     |     |   |     |
| 15            | 1    | 119620-21941 | WASHER               | 1    |     |     |     |     |     |   |     |
| 16            | 1    | 119515-22080 | PISTON ASSY          | 3    |     |     |     |     |     |   |     |
| 18            | 2    | 119515-22500 | RING SET, PISTON     | 3    |     |     |     |     |     |   |     |
| 22            | 1    | 119515-22300 | PIN, PISTON          | 3    |     |     |     |     |     |   |     |
| 23            | 1    | 22252-000220 | RING, 22             | 6    |     |     |     |     |     |   |     |
| 24            | 1    | 119515-23000 | ROD ASSY, CONNECTING | 3    |     |     |     |     |     |   |     |
| 24-1          | 1    | 119515-23001 | ROD ASSY, CONNECTING | 3    |     |     |     |     |     |   | N   |
| (A=*2018.08.) |      |              |                      |      |     |     |     |     |     |   |     |
| 28            | 2    | 119717-23910 | BEARING, PISTON PIN  | 3    |     |     |     |     |     |   | 1   |
| 29            | 2    | 119717-23200 | BOLT, CONNECTING ROD | 6    |     |     |     |     |     |   |     |
| 30            | 2    | 119515-23600 | BEARING, CRANK PIN   | 3    |     |     |     |     |     |   |     |
| 30-1          | 2    | 119515-23601 | BEARING, CRANK PIN   | 3    |     |     |     |     |     |   | N   |
| (A=*2006.06.) |      |              |                      |      |     |     |     |     |     |   |     |
| 32            | 1    | 119515-22900 | PISTON ASSY, 0.25 OS | 3    |     |     |     |     |     |   | 2   |
| 34            | 2    | 119515-22550 | RING SET, 0.25 OS    | 3    |     |     |     |     |     |   | 2   |
| 38            | 1    | 119515-23610 | BEARING ASSY, 0.25   | 3    |     |     |     |     |     |   | 3   |
| 38-1          | 1    | 119515-23611 | BEARING ASSY, 0.25   | 3    |     |     |     |     |     |   | N 3 |
| (A=*2006.06.) |      |              |                      |      |     |     |     |     |     |   |     |
| 40            | 1    | 177070-03501 | DISK, DAMPER D170    | 1    |     |     |     |     |     |   |     |
| 41            | 1    | 26013-080142 | BOLT, M8X 14         | 6    |     |     |     |     |     |   |     |
| 42            | 1    | 128990-21670 | PULLEY, CRANK 6PK    | 1    |     |     |     |     |     |   | W 4 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 42-1          | 1    | 128990-21671 | PULLEY, CRANK 6PK    | 1    |     |     |     |     |     |   | N   |
| (A=E/#E13034) |      |              |                      |      |     |     |     |     |     |   |     |
| 43            | 1    | 26106-080162 | BOLT, M8X 16 PLATED  | 4    |     |     |     |     |     |   | W 4 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |

Fig.11. DIPSTICK

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 128990-34850 | DIPSTICK, OIL        | 1    |     |     |     |     |     |   |   |
| 2   | 1    | 128990-34860 | GUIDE ASSY, DIPSTICK | 1    |     |     |     |     |     |   |   |
| 4   | 1    | 22190-160002 | WASHER, SEAL 16      | 2    |     |     |     |     |     |   |   |
| 5   | 1    | 23857-100000 | BOLT, JOINT 10       | 1    |     |     |     |     |     |   |   |
| 6   | 1    | 26366-100002 | NUT, M10             | 1    |     |     |     |     |     |   |   |
| 7   | 1    | 124976-34850 | PLUG                 | 1    |     |     |     |     |     |   |   |

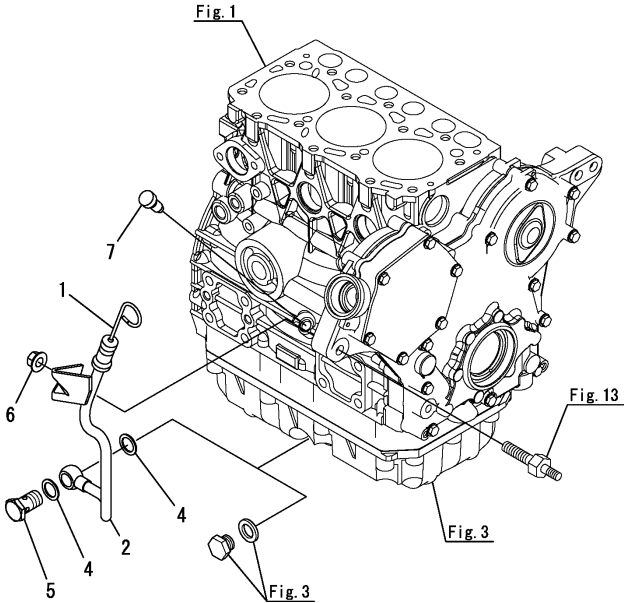
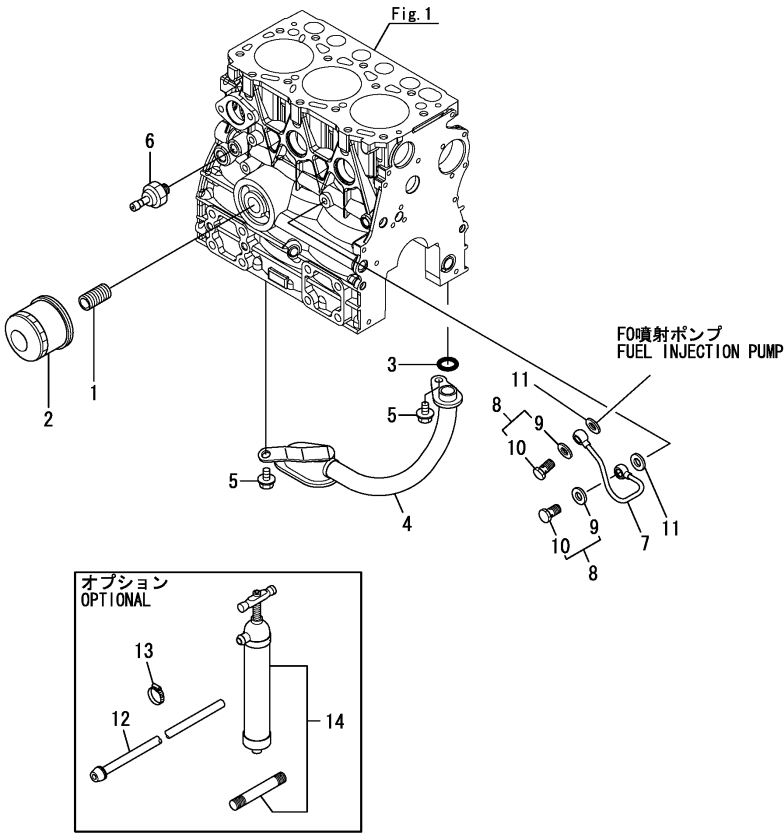


Fig.12. LUB. OIL SYSTEM

(A)=3YM20  
(B)=  
(C)=

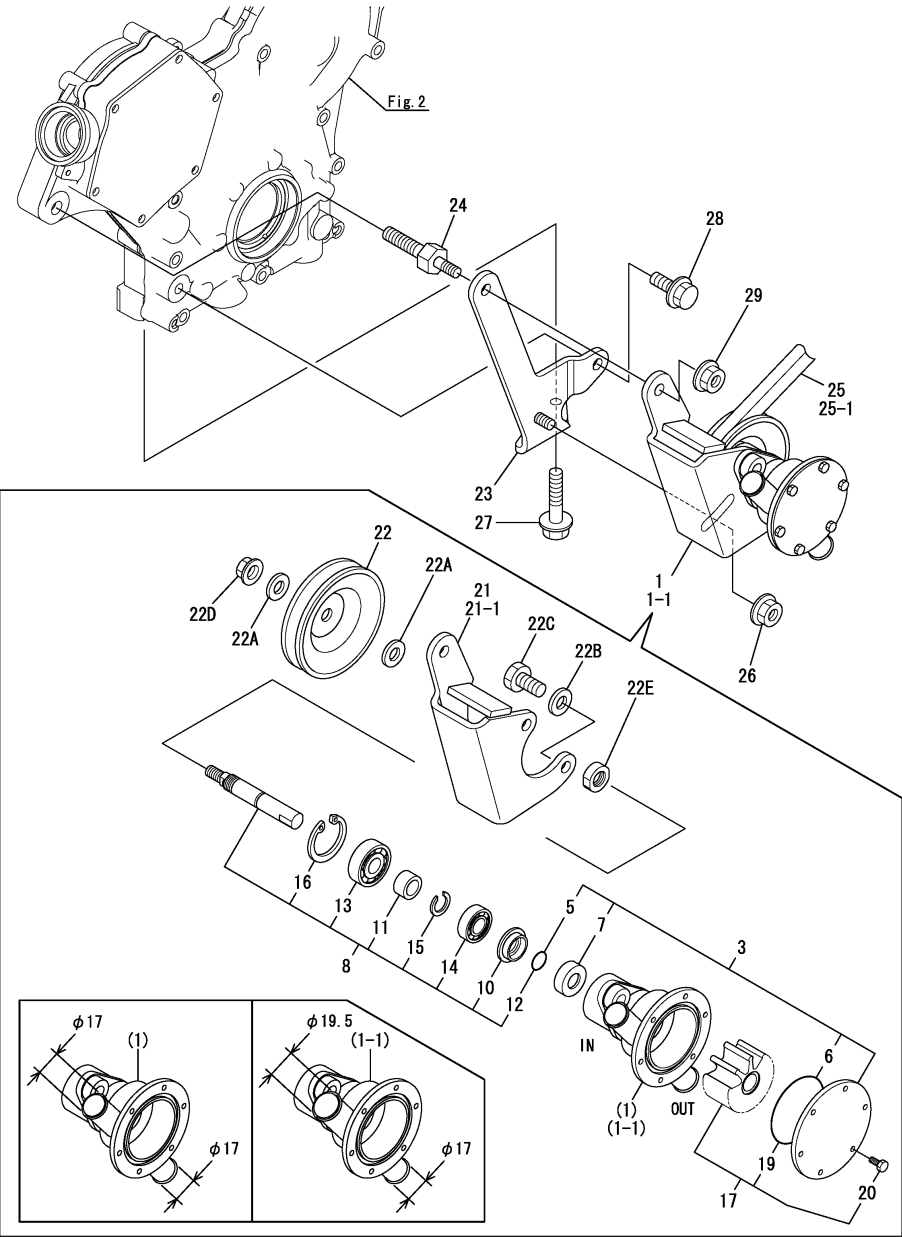
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 129100-35140 | BOLT, STUD           | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 119717-35140 | BOLT, STUD           | 1    |     |     |     |     |     | N |   |
| (A=*2010.06.) |      |              |                      |      |     |     |     |     |     |   |   |
| 2             | 1    | 119305-35170 | FILTER ASSY, D68XL65 | 1    |     |     |     |     |     |   |   |
| 3             | 1    | 119717-32060 | O-RING, P15.0        | 1    |     |     |     |     |     |   |   |
| 4             | 1    | 128890-35080 | PIPE ASSY, OIL INLET | 1    |     |     |     |     |     |   |   |
| 5             | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 2    |     |     |     |     |     |   |   |
| 6             | 1    | 114250-39450 | SWITCH, HYDRAULIC    | 1    |     |     |     |     |     |   |   |
| 7             | 1    | 119717-39210 | PIPE, OIL            | 1    |     |     |     |     |     |   |   |
| 8             | 1    | 129005-59830 | BOLT ASSY, JOINT M8  | 2    |     |     |     |     |     |   |   |
| 9             | 2    | 22190-080002 | WASHER, SEAL 8       | 2    |     |     |     |     |     |   |   |
| 10            | 2    | 23857-030000 | BOLT, JOINT 3        | 2    |     |     |     |     |     |   |   |
| 11            | 1    | 22190-080002 | WASHER, SEAL 8       | 2    |     |     |     |     |     |   |   |
| 12            | 1    | 128275-39710 | PIPE, OIL            | 1    |     |     |     |     |     | Z |   |
| (A=E/#E08826) |      |              |                      |      |     |     |     |     |     |   |   |
| 13            | 1    | 23080-018000 | CLAMP, 18            | 3    |     |     |     |     |     | Z |   |
| (A=E/#E08826) |      |              |                      |      |     |     |     |     |     |   |   |
| 14            | 1    | 28210-000080 | PUMP                 | 1    |     |     |     |     |     | Z |   |
| (A=E/#E08826) |      |              |                      |      |     |     |     |     |     |   |   |



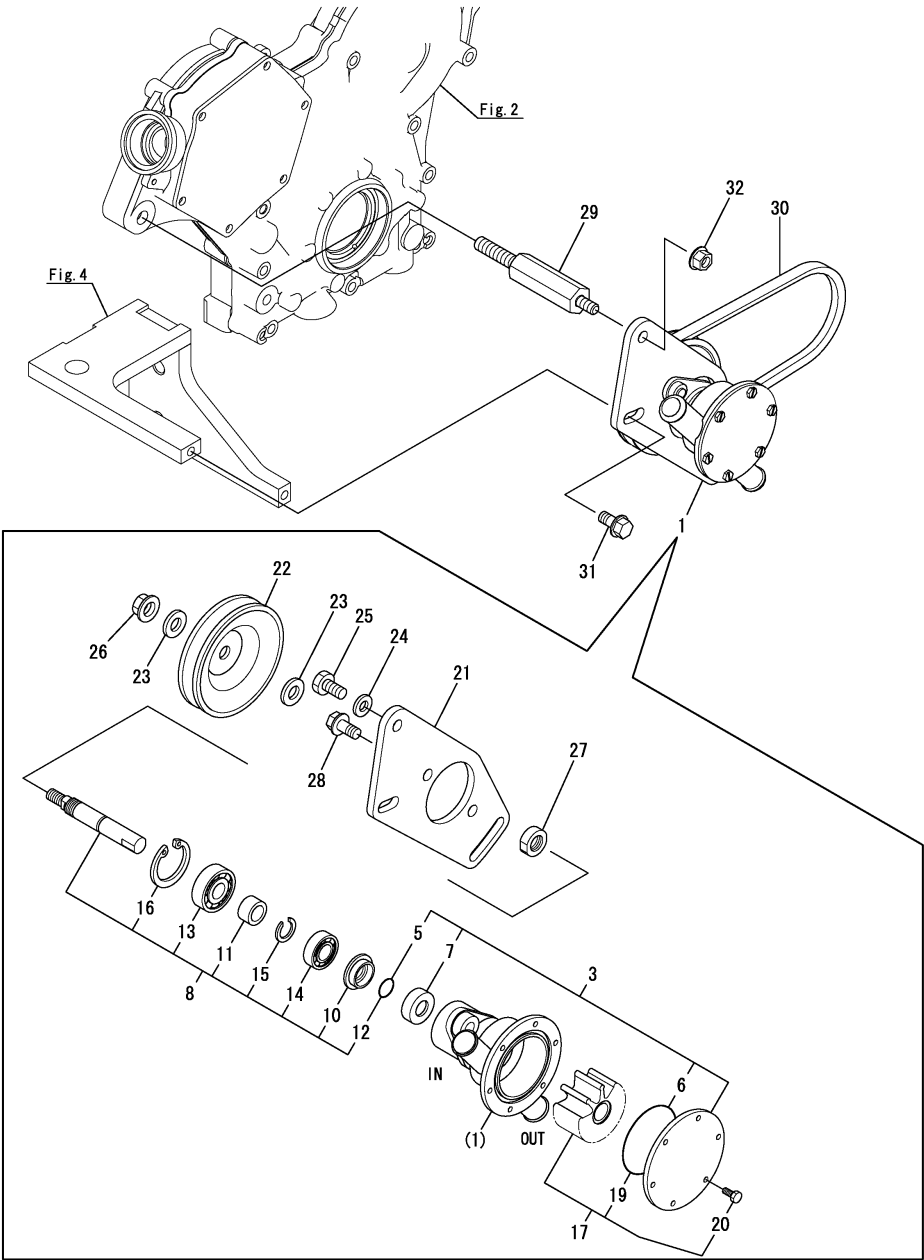
Fig.13. COOLING PUMP(SEA WATER)(TO E/#E13045)



Remarks  
(1)No.21-1 & 25-1 interchangeable by set.  
(2)Interchangeable by simultaneous replacement with loalarrangements pump entrance hose(57mm-68mm).

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 128990-42500 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |     |
| 1-1           | 1    | 128990-42510 | PUMP ASSY, WATER    | 1    |     |     |     |     |     | S | 2   |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |     |
| 1-2           | 1    | 128990-42510 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   | Z   |
| (A=E/#E13046) |      |              |                     |      |     |     |     |     |     |   |     |
| 3             | 2    | 128990-42550 | WEAR KIT            | 1    |     |     |     |     |     |   | W   |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |     |
| 5             | 3    | X02173432    | O-RING              | 1    |     |     |     |     |     |   |     |
| 6             | 3    | X02173476    | O-RING              | 1    |     |     |     |     |     |   |     |
| 7             | 3    | X02233010    | SEAL, LIP           | 1    |     |     |     |     |     |   |     |
| 8             | 2    | 128990-42560 | SHAFT KIT           | 1    |     |     |     |     |     |   | W   |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |     |
| 10            | 3    | X0145050     | PLATE               | 1    |     |     |     |     |     |   |     |
| 11            | 3    | X0146542     | SPACER              | 1    |     |     |     |     |     |   |     |
| 12            | 3    | X02173432    | O-RING              | 1    |     |     |     |     |     |   |     |
| 13            | 3    | X03431760    | BEARING, BALL       | 1    |     |     |     |     |     |   |     |
| 14            | 3    | X03431748    | BEARING, BALL       | 1    |     |     |     |     |     |   |     |
| 15            | 3    | X00370012    | RING, RETAINING     | 1    |     |     |     |     |     |   |     |
| 16            | 3    | X00371732    | RING, RETAINING     | 1    |     |     |     |     |     |   |     |
| 17            | 2    | 128990-42570 | IMPELLER KIT        | 1    |     |     |     |     |     |   | W   |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |     |
| 19            | 3    | X02173476    | O-RING              | 1    |     |     |     |     |     |   |     |
| 20            | 3    | 128990-42520 | SCREW               | 6    |     |     |     |     |     |   |     |
| 21            | 2    | 128990-42150 | BRACKET, PUMP       | 1    |     |     |     |     |     |   |     |
| 21-1          | 2    | 128990-42151 | BRACKET, PUMP       | 1    |     |     |     |     |     |   | F 1 |
| (A=E/#E00304) |      |              |                     |      |     |     |     |     |     |   |     |
| 22            | 2    | 124070-42400 | V-PULLEY            | 1    |     |     |     |     |     |   |     |
| 22A           | 2    | X014678901   | WASHER              | 2    |     |     |     |     |     |   |     |
| 22B           | 2    | X00353309    | WASHER              | 2    |     |     |     |     |     |   |     |
| 22C           | 2    | X00141916    | SCREW               | 2    |     |     |     |     |     |   |     |
| 22D           | 2    | X00190050    | NUT, LOCK           | 1    |     |     |     |     |     |   |     |
| 22E           | 2    | X00183200    | NUT                 | 1    |     |     |     |     |     |   |     |
| 23            | 1    | 128990-42160 | BRACKET, PUMP       | 1    |     |     |     |     |     |   |     |
| 24            | 1    | 128990-42170 | BOLT                | 1    |     |     |     |     |     |   |     |
| 25            | 1    | 128990-77350 | V-BELT, M/20        | 1    |     |     |     |     |     |   |     |
| 25-1          | 1    | 104511-78780 | V-BELT, M/19        | 1    |     |     |     |     |     |   | F 1 |
| (A=E/#E00304) |      |              |                     |      |     |     |     |     |     |   |     |
| 26            | 1    | 26366-080002 | NUT, M8             | 1    |     |     |     |     |     |   |     |
| 27            | 1    | 26106-060302 | BOLT, M6X 30 PLATED | 1    |     |     |     |     |     |   |     |
| 28            | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 1    |     |     |     |     |     |   |     |
| 29            | 1    | 26366-080002 | NUT, M8             | 1    |     |     |     |     |     |   |     |

Fig.43. (13A)COOLING PUMP(SEA WATER)(FROM E/#E13046)



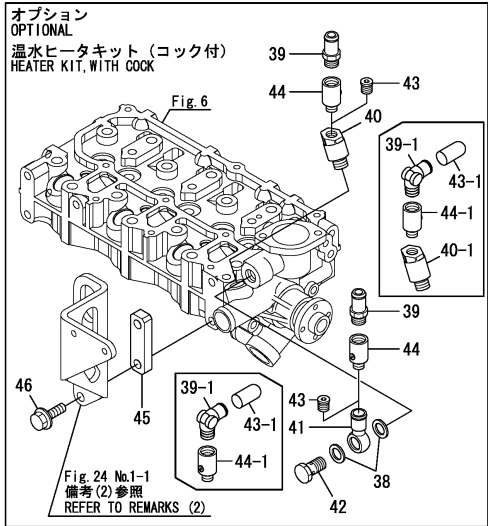
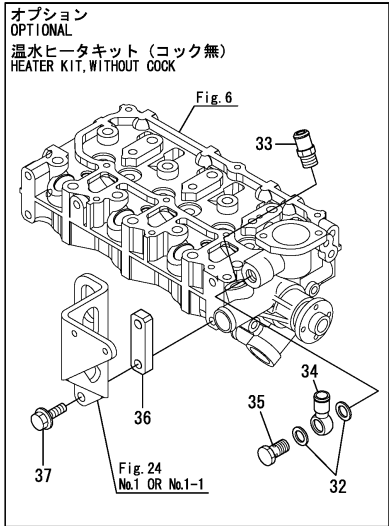
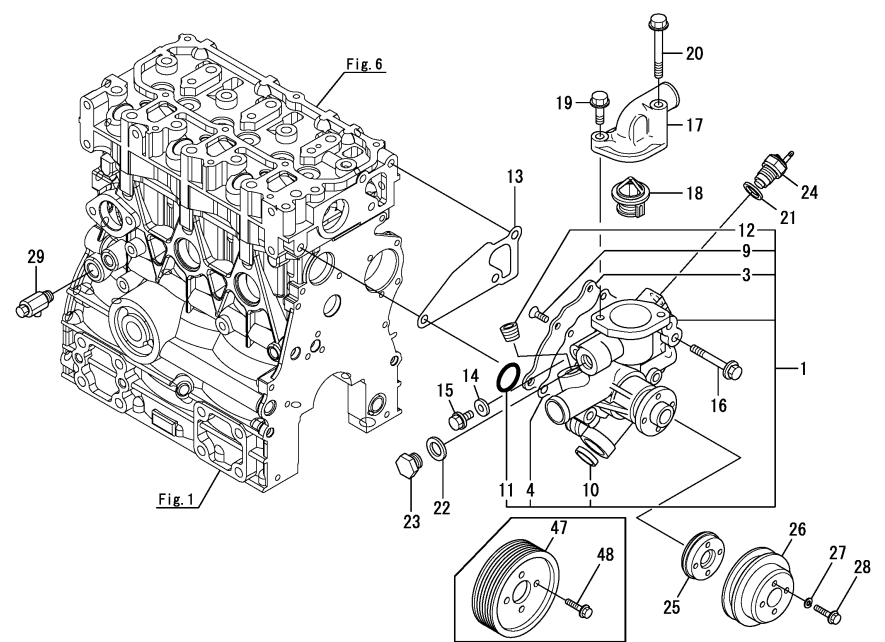
(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128995-42500 | PUMP ASSY, CSW      | 1    |     |     |     |     |     |   | W |
| (A=E/#E13046) |      |              |                     |      |     |     |     |     |     |   |   |
| 3             | 2    | 128990-42550 | WEAR KIT            | 1    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |   |
| 5             | 3    | X02173432    | O-RING              | 1    |     |     |     |     |     |   |   |
| 6             | 3    | X02173476    | O-RING              | 1    |     |     |     |     |     |   |   |
| 7             | 3    | X02233010    | SEAL, LIP           | 1    |     |     |     |     |     |   |   |
| 8             | 2    | 128990-42560 | SHAFT KIT           | 1    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |   |
| 10            | 3    | X0145050     | PLATE               | 1    |     |     |     |     |     |   |   |
| 11            | 3    | X0146542     | SPACER              | 1    |     |     |     |     |     |   |   |
| 12            | 3    | X02173432    | O-RING              | 1    |     |     |     |     |     |   |   |
| 13            | 3    | X03431760    | BEARING, BALL       | 1    |     |     |     |     |     |   |   |
| 14            | 3    | X03431748    | BEARING, BALL       | 1    |     |     |     |     |     |   |   |
| 15            | 3    | X00370012    | RING, RETAINING     | 1    |     |     |     |     |     |   |   |
| 16            | 3    | X00371732    | RING, RETAINING     | 1    |     |     |     |     |     |   |   |
| 17            | 2    | 128990-42570 | IMPELLER KIT        | 1    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                     |      |     |     |     |     |     |   |   |
| 19            | 3    | X02173476    | O-RING              | 1    |     |     |     |     |     |   |   |
| 20            | 3    | 128990-42520 | SCREW               | 6    |     |     |     |     |     |   |   |
| 21            | 2    | 128995-42150 | BRACKET,CSWP        | 1    |     |     |     |     |     |   |   |
| 22            | 2    | 124070-42400 | V-PULLEY            | 1    |     |     |     |     |     |   |   |
| 23            | 2    | X014678901   | WASHER              | 2    |     |     |     |     |     |   |   |
| 24            | 2    | X00353309    | WASHER              | 2    |     |     |     |     |     |   |   |
| 25            | 2    | X00141916    | SCREW               | 2    |     |     |     |     |     |   |   |
| 26            | 2    | X00190050    | NUT, LOCK           | 1    |     |     |     |     |     |   |   |
| 27            | 2    | X00183200    | NUT                 | 1    |     |     |     |     |     |   |   |
| 28            | 2    | 26106-080162 | BOLT, M8X 16 PLATED | 2    |     |     |     |     |     |   |   |
| 29            | 1    | 128995-42170 | BOLT,CSWP SPACER    | 1    |     |     |     |     |     |   |   |
| 30            | 1    | 25111-002000 | V BELT, M 20        | 1    |     |     |     |     |     |   |   |
| 30-1          | 1    | 128990-77350 | V-BELT, M20         | 1    |     |     |     |     |     |   | R |
| (A=E/#E15078) |      |              |                     |      |     |     |     |     |     |   |   |
| 31            | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 1    |     |     |     |     |     |   |   |
| 32            | 1    | 26366-080002 | NUT, M8             | 1    |     |     |     |     |     |   |   |

Remarks  
\* Fig.4 No.1-1 interchangeable by set.

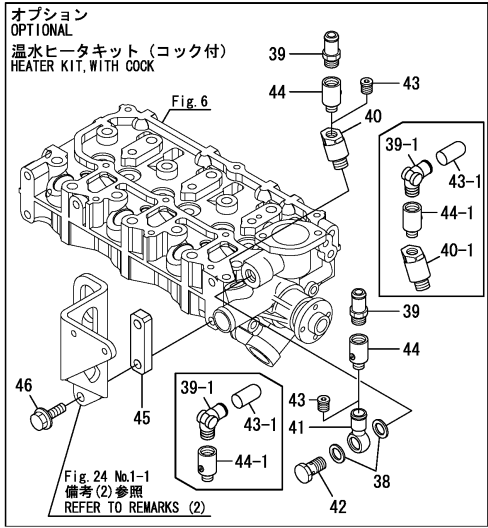
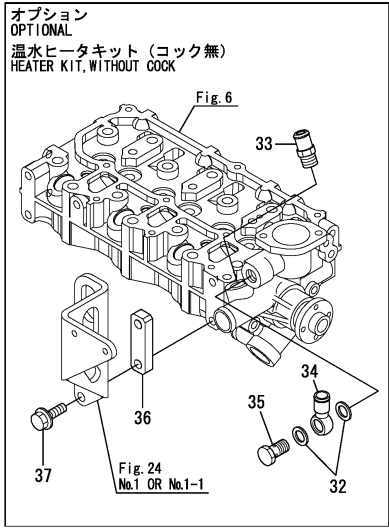
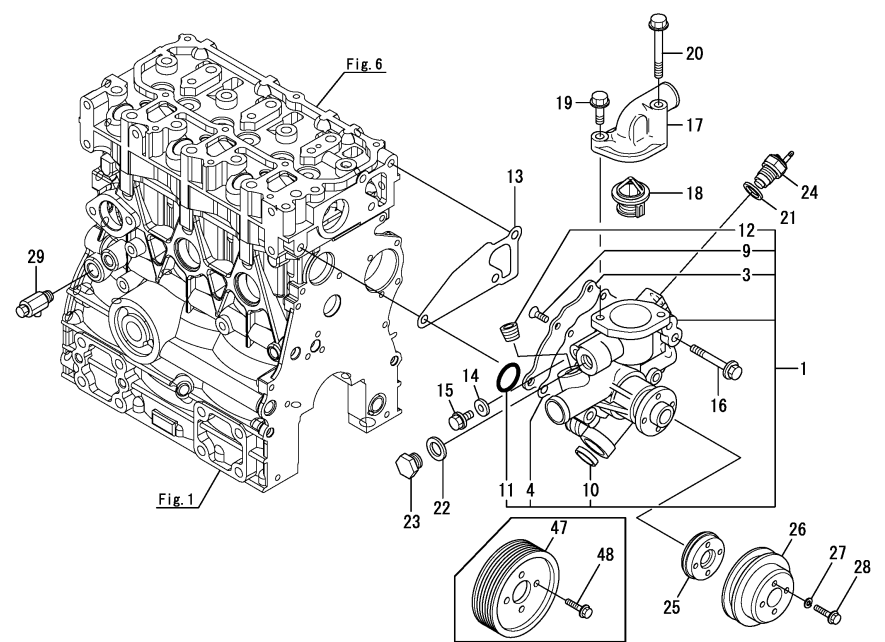
Fig.14. COOLING PUMP(FRESH WATER)



Remarks  
(1)Heater kit, without cook assy.  
(2)Heater kit, with cook assy.  
To avoid the interference between the joint and lifting hook in use of Fig.24 No.1, please exchange for No.1-1.  
(3)Valeo generator specifications.

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 119540-42000 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   |     |
| 1-1           | 1    | 119C10-42000 | PUMP ASSY, WATER    | 1    |     |     |     |     |     |   | N   |
| (A=*2012.02.) |      |              |                     |      |     |     |     |     |     |   |     |
| 3             | 2    | 119515-42041 | COVER               | 1    |     |     |     |     |     |   |     |
| 4             | 2    | 119717-42031 | GASKET              | 1    |     |     |     |     |     |   |     |
| 9             | 2    | 26577-060122 | SCREW, M6X12        | 4    |     |     |     |     |     |   |     |
| 10            | 2    | 27241-250000 | PLUG, 25            | 1    |     |     |     |     |     |   |     |
| 11            | 2    | 119717-42320 | O-RING, P26         | 1    |     |     |     |     |     |   |     |
| 11-1          | 2    | 119C10-42320 | O-RING, 2028        | 1    |     |     |     |     |     |   | S   |
| (A=*2012.02.) |      |              |                     |      |     |     |     |     |     |   |     |
| 12            | 2    | 129916-49740 | PLUG, R3/8          | 1    |     |     |     |     |     |   |     |
| 13            | 1    | 119515-42020 | GASKET, WATER PUMP  | 1    |     |     |     |     |     |   |     |
| 14            | 1    | 23414-080000 | GASKET, 8X1.0       | 1    |     |     |     |     |     |   |     |
| 15            | 1    | 26106-080122 | BOLT, M8X 12 PLATED | 1    |     |     |     |     |     |   |     |
| 16            | 1    | 26106-080502 | BOLT, M8X 50 PLATED | 3    |     |     |     |     |     |   |     |
| 17            | 1    | 124101-49530 | COVER, THERMOSTAT   | 1    |     |     |     |     |     |   |     |
| 18            | 1    | 128990-49800 | THERMOSTAT, 71      | 1    |     |     |     |     |     |   |     |
| 19            | 1    | 26106-080252 | BOLT, M8X 25 PLATED | 1    |     |     |     |     |     |   |     |
| 20            | 1    | 26106-080652 | BOLT, M8X 65 PLATED | 1    |     |     |     |     |     |   |     |
| 21            | 1    | 124465-44950 | GASKET, 16          | 1    |     |     |     |     |     |   |     |
| 22            | 1    | 124465-44950 | GASKET, 16          | 1    |     |     |     |     |     |   |     |
| 23            | 1    | 23887-160002 | PLUG, 16            | 1    |     |     |     |     |     |   |     |
| 23-1          | 1    | 121450-42450 | PLUG, M16           | 1    |     |     |     |     |     |   | R   |
| (A=E/#E00101) |      |              |                     |      |     |     |     |     |     |   |     |
| 24            | 1    | 46150-503100 | SWITCH, 95          | 1    |     |     |     |     |     |   |     |
| 24-1          | 1    | 128990-44500 | SWITCH, 106         | 1    |     |     |     |     |     |   | N   |
| (A=E/#E02523) |      |              |                     |      |     |     |     |     |     |   |     |
| 25            | 1    | 128990-42260 | SPACER              | 1    |     |     |     |     |     |   | Z   |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |     |
| 26            | 1    | 119740-42350 | V-PULLEY, D=90      | 1    |     |     |     |     |     |   | Z   |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |     |
| 27            | 1    | 22217-060000 | WASHER, SPRING 6    | 4    |     |     |     |     |     |   |     |
| 27-1          | 1    | 22217-060000 | WASHER, SPRING 6    | 4    |     |     |     |     |     |   | Z   |
| (A=*2008.03.) |      |              |                     |      |     |     |     |     |     |   |     |
| 28            | 1    | 26106-060282 | BOLT, M6X 28 PLATED | 4    |     |     |     |     |     |   |     |
| 28-1          | 1    | 26106-060252 | BOLT, M6X 25 PLATED | 4    |     |     |     |     |     |   | R   |
| (A=*2008.03.) |      |              |                     |      |     |     |     |     |     |   |     |
| 28-2          | 1    | 26106-060252 | BOLT, M6X 25 PLATED | 4    |     |     |     |     |     |   | Z   |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |     |
| 29            | 1    | 119620-49290 | COCK ASSY, 1/4      | 1    |     |     |     |     |     |   |     |
| 32            | 1    | 124465-44950 | GASKET, 16          | 2    |     |     |     |     |     |   | Z 1 |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |     |
| 33            | 1    | 128990-49320 | JOINT, 3/8          | 1    |     |     |     |     |     |   | Z 1 |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |     |
| 34            | 1    | 128990-49330 | JOINT               | 1    |     |     |     |     |     |   | Z 1 |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |     |
| 35            | 1    | 23854-100000 | BOLT, JOINT 10      | 1    |     |     |     |     |     |   | Z 1 |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |     |
| 36            | 1    | 128890-55020 | SPACER              | 1    |     |     |     |     |     |   | W 1 |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |     |
| 36-1          | 1    | 128890-55020 | SPACER              | 1    |     |     |     |     |     |   | Z 1 |

Fig.14. COOLING PUMP(FRESH WATER)



Remarks  
(1)Heater kit, without cook assy.  
(2)Heater kit, with cook assy.  
To avoid the interference between the joint and lifting hook in use of Fig.24 No.1, please exchange for No.1-1.  
(3)Valeo generator specifications.

| No.  | Lev. | Parts No.     | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|---------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |               |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
|      |      | (A=E/#E08826) |                      |      |     |     |     |     |     |   |   |
| 37   | 1    | 26106-080252  | BOLT, M8X 25 PLATED  | 2    |     |     |     |     |     | W | 1 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 37-1 | 1    | 26106-080252  | BOLT, M8X 25 PLATED  | 2    |     |     |     |     |     | Z | 1 |
|      |      | (A=E/#E08826) |                      |      |     |     |     |     |     |   |   |
| 38   | 1    | 124465-44950  | GASKET, 16           | 2    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 39   | 1    | 128990-49320  | JOINT, 3/8           | 2    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 39-1 | 1    | 129051-49310  | ELBOW, PT3/8         | 2    |     |     |     |     |     | N |   |
|      |      | (A=E/#E14308) |                      |      |     |     |     |     |     |   |   |
| 40   | 1    | 128990-49350  | JOINT, 3/8X1/4       | 1    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 40-1 | 1    | 128990-49351  | JOINT,3/8X1/4 RETURN | 1    |     |     |     |     |     | N |   |
|      |      | (A=E/#E14308) |                      |      |     |     |     |     |     |   |   |
| 41   | 1    | 128990-49360  | JOINT                | 1    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 42   | 1    | 128990-49370  | BOLT, PIPE JOINT     | 1    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 43   | 1    | 128990-49380  | PLUG, R1/4           | 2    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 43-1 | 1    | 128990-49400  | CAP,WATER            | 2    |     |     |     |     |     | N |   |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 44   | 1    | 128990-49390  | COCK ASSY,R1/4XRP3/8 | 2    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 44-1 | 1    | 128990-49391  | COCK ASSY,R1/4XG3/8  | 2    |     |     |     |     |     | R |   |
|      |      | (A=E/#E14308) |                      |      |     |     |     |     |     |   |   |
| 45   | 1    | 128890-55020  | SPACER               | 1    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 46   | 1    | 26106-080252  | BOLT, M8X 25 PLATED  | 2    |     |     |     |     |     | W | 2 |
|      |      | (A=E/#E13624) |                      |      |     |     |     |     |     |   |   |
| 47   | 1    | 128990-42350  | PULLEY,CW PUMP 6PK   | 1    |     |     |     |     |     | W | 3 |
|      |      | (A=E/#E11906) |                      |      |     |     |     |     |     |   |   |
| 47-1 | 1    | 128990-42351  | PULLEY,CW PUMP 6PK   | 1    |     |     |     |     |     | N |   |
|      |      | (A=E/#E13034) |                      |      |     |     |     |     |     |   |   |
| 48   | 1    | 26106-060122  | BOLT, M6X 12 PLATED  | 4    |     |     |     |     |     | W | 3 |
|      |      | (A=E/#E11906) |                      |      |     |     |     |     |     |   |   |

Fig.15. COOLER(FRESH WATER)

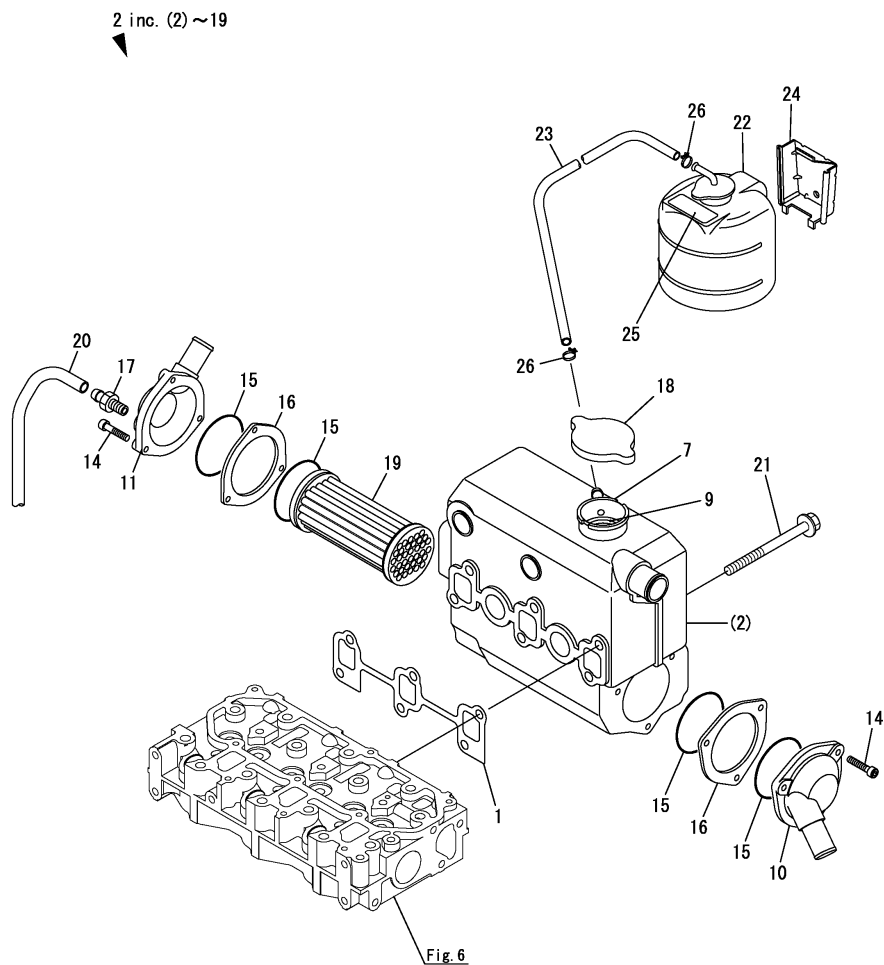


Fig. 6

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) |   |     |
| 1             | 1    | 119717-13110 | GASKET, EXH.MANIFOLD | 1    |     |     |     |     |   |     |
| 2             | 1    | 128990-44900 | COOLER ASSY, WATER   | 1    |     |     |     |     |   |     |
| 2-1           | 1    | 128990-44901 | COOLER ASSY, WATER   | 1    |     |     |     |     |   | N   |
| (A=*2005.08.) |      |              |                      |      |     |     |     |     |   |     |
| 7             | 3    | 129673-44110 | FILLER               | 1    |     |     |     |     |   |     |
| 9             | 3    | 129673-44150 | TUBE, D28.5X1.5 LG6  | 1    |     |     |     |     |   |     |
| 10            | 2    | 128990-44070 | BONNET               | 1    |     |     |     |     |   |     |
| 10-1          | 2    | 128990-44071 | BONNET               | 1    |     |     |     |     |   | S 1 |
| (A=*2005.08.) |      |              |                      |      |     |     |     |     |   |     |
| 11            | 2    | 128990-44080 | BONNET ASSY          | 1    |     |     |     |     |   |     |
| 11-1          | 2    | 128990-44081 | BONNET ASSY          | 1    |     |     |     |     |   | S 1 |
| (A=*2005.08.) |      |              |                      |      |     |     |     |     |   |     |
| 14            | 2    | 128990-44090 | SCREW, M6X30         | 6    |     |     |     |     |   |     |
| 15            | 2    | 128990-44100 | O-RING, D65.6X3.53   | 4    |     |     |     |     |   |     |
| 16            | 2    | 128990-44110 | SPACER               | 2    |     |     |     |     |   |     |
| 17            | 2    | 128990-44120 | PLUG, DRAIN          | 1    |     |     |     |     |   |     |
| 18            | 2    | 128990-44130 | CAP                  | 1    |     |     |     |     |   |     |
| 18-1          | 2    | 129673-44131 | CAP                  | 1    |     |     |     |     |   | N   |
| (A=*2005.08.) |      |              |                      |      |     |     |     |     |   |     |
| 19            | 2    | 128990-44400 | ELEMENT              | 1    |     |     |     |     |   |     |
| 19-1          | 2    | 128990-44401 | ELEMENT              | 1    |     |     |     |     |   | S 1 |
| (A=*2005.08.) |      |              |                      |      |     |     |     |     |   |     |
| 20            | 1    | 23061-070300 | PIPE, 7X 300         | 1    |     |     |     |     |   |     |
| 21            | 1    | 26106-081152 | BOLT, M8X115 PLATED  | 6    |     |     |     |     |   |     |
| 22            | 1    | 128397-44500 | TANK ASSY, SUB       | 1    |     |     |     |     |   |     |
| 23            | 1    | 129270-44500 | PIPE, OVERFLOW       | 1    |     |     |     |     |   |     |
| 23-1          | 1    | 129270-44501 | PIPE                 | 1    |     |     |     |     |   | N   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |   |     |
| 24            | 1    | 128397-44510 | BRACKET              | 1    |     |     |     |     |   |     |
| 25            | 1    | 129670-44570 | LABEL, SUB-TANK      | 1    |     |     |     |     |   |     |
| 26            | 1    | 23010-013000 | CLAMP 13             | 2    |     |     |     |     |   |     |

Remarks

(1) No. 10-1, 11-1 & 19-1 interchangeable by set.

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

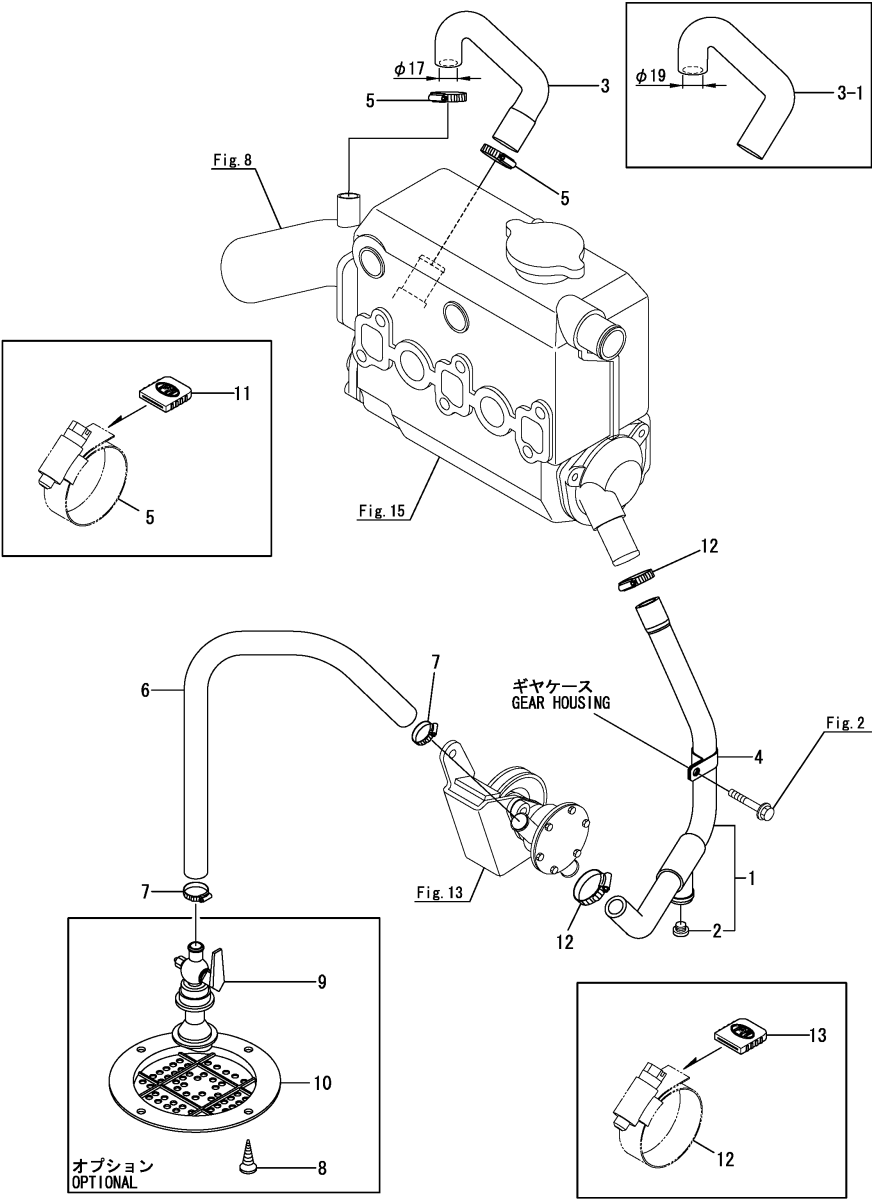
Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.

Fig.16. COOLING PIPE(SEA WATER)

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-49010 | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 128990-49011 | PIPE A,CSW           | 1    |     |     |     |     |     |   | R |
| (A=E/#E12730) |      |              |                      |      |     |     |     |     |     |   |   |
| 2             | 2    | 128990-49110 | PLUG ASSY, G1/8      | 1    |     |     |     |     |     |   |   |
| 3             | 1    | 128990-49020 | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 3-1           | 1    | 128990-49021 | PIPE, WATER          | 1    |     |     |     |     |     | S | 1 |
| (A=E/#E10518) |      |              |                      |      |     |     |     |     |     |   |   |
| 4             | 1    | 121575-49310 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 5             | 1    | 23000-028000 | CLAMP, 28            | 2    |     |     |     |     |     |   |   |
| 6             | 1    | 124223-49050 | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 7             | 1    | 23000-025000 | CLAMP, 25            | 2    |     |     |     |     |     |   |   |
| 8             | 1    | 22724-800380 | SCREW, 8.0X38        | 4    |     |     |     |     |     |   |   |
| 9             | 1    | 43662-015020 | COCK ASSY, KINGSTON  | 1    |     |     |     |     |     |   |   |
| 9-1           | 1    | 43662-015021 | COCK                 | 1    |     |     |     |     |     |   | N |
| (A=*2007.03.) |      |              |                      |      |     |     |     |     |     |   |   |
| 10            | 1    | 43666-020951 | COVER, STRAINER      | 1    |     |     |     |     |     |   |   |
| 11            | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 2    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |   |
| 12            | 1    | 23000-028000 | CLAMP, 28            | 2    |     |     |     |     |     |   |   |
| 13            | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 2    |     |     |     |     |     |   | W |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |   |

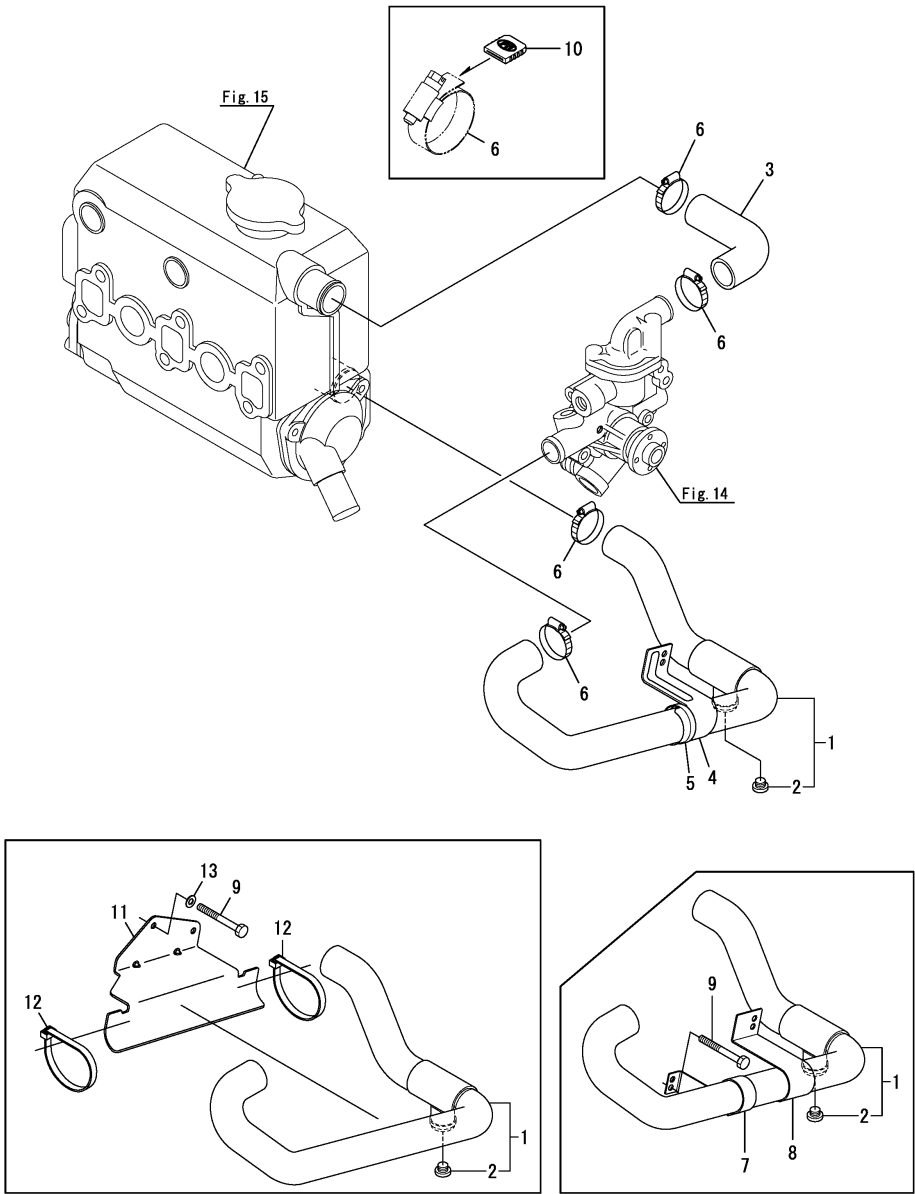


Remarks  
(1)No.3-1 & Fig.8 No.2-1 interchangeable by set.

Fig.17. COOLING PIPE(FRESH WATER)

(A)=3YM20  
(B)=  
(C)=

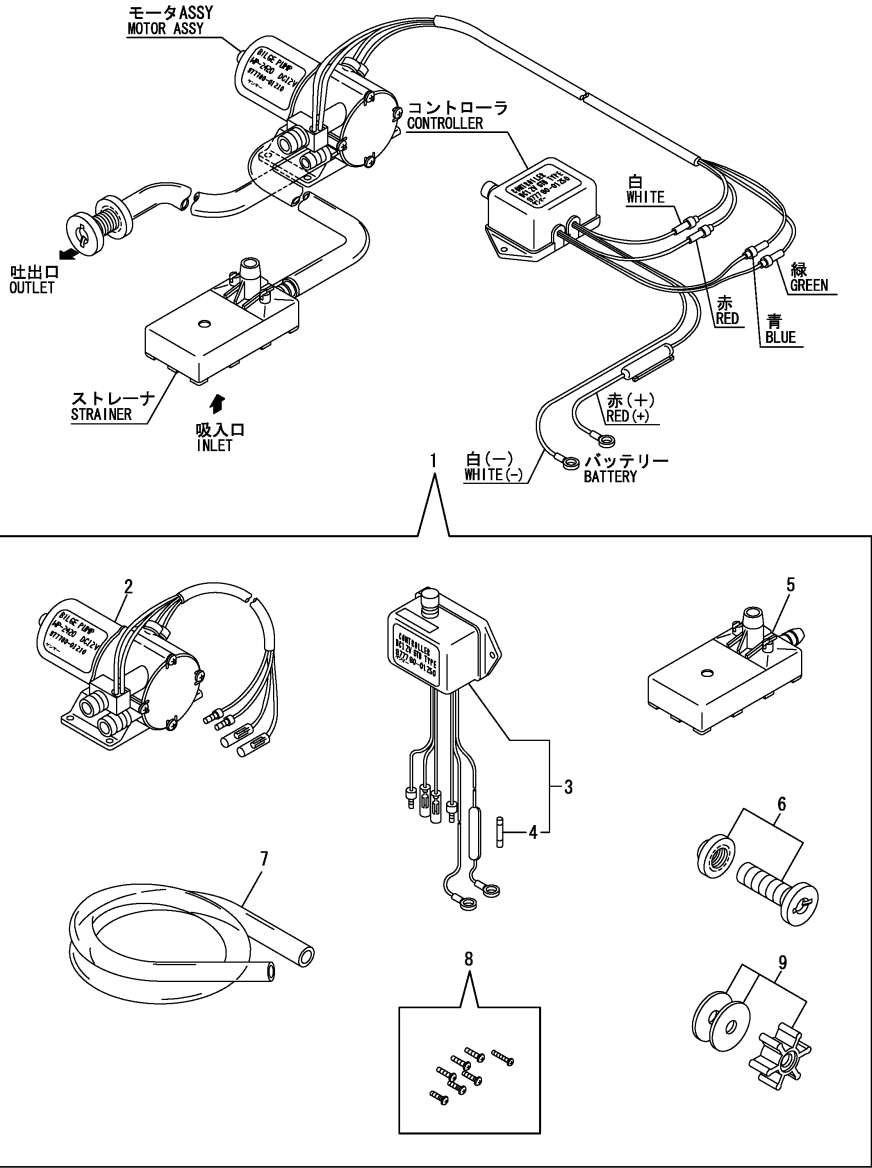
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-49050 | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 128990-49051 | HOSE ASSY, CFW       | 1    |     |     |     |     |     | N |   |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |
| 2             | 2    | 128990-49110 | PLUG ASSY, G1/8      | 1    |     |     |     |     |     |   |   |
| 3             | 1    | 128990-49060 | PIPE, WATER          | 1    |     |     |     |     |     |   |   |
| 4             | 1    | 128990-49150 | RETAINER, PIPE       | 1    |     |     |     |     |     | Z |   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 5             | 1    | 194250-51660 | BAND, NYLON 250      | 1    |     |     |     |     |     |   |   |
| 5-1           | 1    | 29622-250001 | BAND, RF250          | 1    |     |     |     |     |     | N |   |
| (A=*2012.05.) |      |              |                      |      |     |     |     |     |     |   |   |
| 5-2           | 1    | 29622-250001 | BAND, RF250          | 1    |     |     |     |     |     | Z |   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 6             | 1    | 23000-041000 | CLAMP, 41            | 4    |     |     |     |     |     |   |   |
| 6-1           | 1    | 129670-49500 | CLIP, HOSE 38        | 4    |     |     |     |     |     | R |   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 7             | 1    | 128990-49161 | RETAINER,CFW HOSE    | 1    |     |     |     |     |     | W | 1 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 7-1           | 1    | 128990-49161 | RETAINER,CFW HOSE    | 1    |     |     |     |     |     | Z | 1 |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |
| 8             | 1    | 128990-49170 | RETAINER,CFW HOSE    | 1    |     |     |     |     |     | W | 1 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 8-1           | 1    | 128990-49170 | RETAINER,CFW HOSE    | 1    |     |     |     |     |     | Z | 1 |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |
| 9             | 1    | 26116-060652 | BOLT, M6X 65 PLATED  | 1    |     |     |     |     |     | W | 1 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 10            | 1    | 129677-49950 | PROTECTOR,HOSE CLAMP | 4    |     |     |     |     |     | W |   |
| (A=E/#E13982) |      |              |                      |      |     |     |     |     |     |   |   |
| 11            | 1    | 128990-49190 | RETAINER,CFW HOSE    | 1    |     |     |     |     |     | W |   |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |
| 12            | 1    | 128990-59890 | BAND,200             | 2    |     |     |     |     |     | W |   |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |
| 13            | 1    | 22137-060000 | WASHER, 6            | 1    |     |     |     |     |     | W |   |
| (A=E/#E14962) |      |              |                      |      |     |     |     |     |     |   |   |

Remarks  
(1)Valeo generator specification.

Fig.18. BILGE PUMP(STANDARD)(OPTIONAL)(TO APR. 2004)



(A)=3YM20  
(B)=  
(C)=

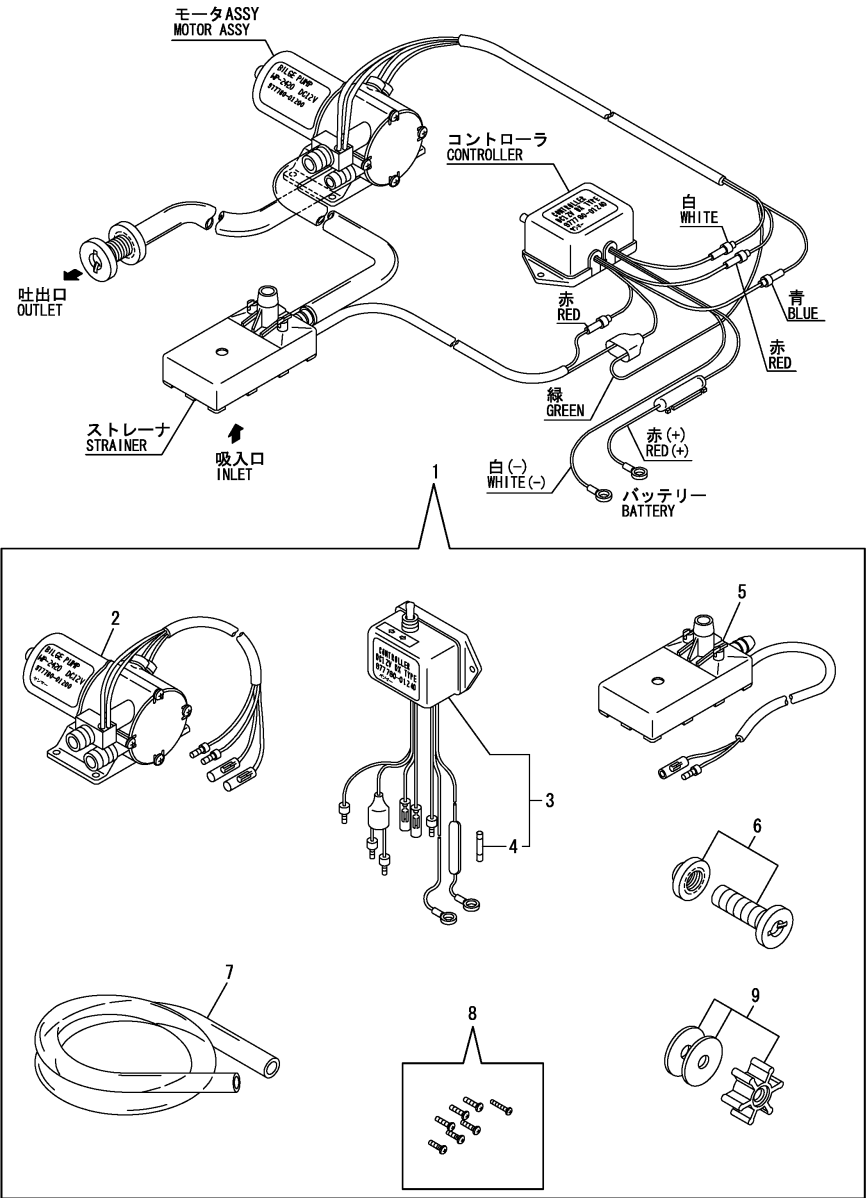
(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 977780-01211 | PUMP ASSY, BILGE     | 1    |     |     |     |     |     |   | 1 |
| 2   | 2    | 977780-01230 | MOTOR ASSY(BILG PUMP | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 977780-01250 | CONTROLLER           | 1    |     |     |     |     |     |   |   |
| 4   | 3    | X8636008003  | FUSE                 | 1    |     |     |     |     |     |   |   |
| 5   | 2    | X179100021X  | STRAINER             | 1    |     |     |     |     |     |   |   |
| 6   | 2    | X179100100X  | PIPE ASSY            | 1    |     |     |     |     |     |   |   |
| 7   | 2    | X0044021509  | HOSE A               | 1    |     |     |     |     |     |   |   |
| 8   | 2    | X199903800X  | SCREW KIT            | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 977780-03000 | INPELLER             | 1    |     |     |     |     |     |   |   |

Remarks  
(1)Inner parts are shown in Fig.38(19A).



Fig.19. BILGE PUMP(DELUXE)(OPTIONAL)(TO APR. 2004)



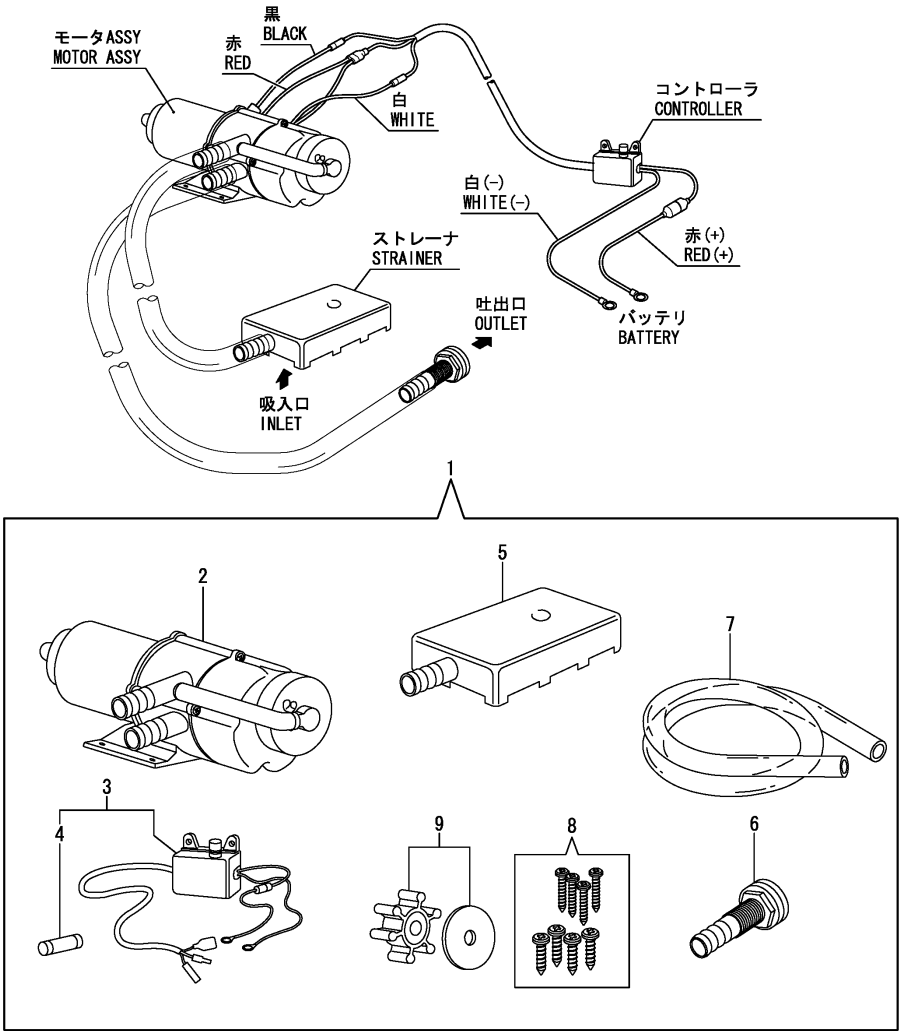
(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 977780-01211 | PUMP ASSY, BILGE     | 1    |     |     |     |     |     |   | 1 |
| 2   | 2    | 977780-01230 | MOTOR ASSY(BILG PUMP | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 977780-01240 | CONTROLLER           | 1    |     |     |     |     |     |   |   |
| 4   | 3    | X8636008003  | FUSE                 | 1    |     |     |     |     |     |   |   |
| 5   | 2    | X179100011X  | STRAINER             | 1    |     |     |     |     |     |   |   |
| 6   | 2    | X179100100X  | PIPE ASSY            | 1    |     |     |     |     |     |   |   |
| 7   | 2    | X0044021509  | HOSE A               | 1    |     |     |     |     |     |   |   |
| 8   | 2    | X199903800X  | SCREW KIT            | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 977780-03000 | INPELLER             | 1    |     |     |     |     |     |   |   |

Remarks  
(1)Inner parts are shown in Fig.38(19A).

Fig.38. (19A)BILGE PUMP(OPTIONAL)(FROM MAR. 2004)

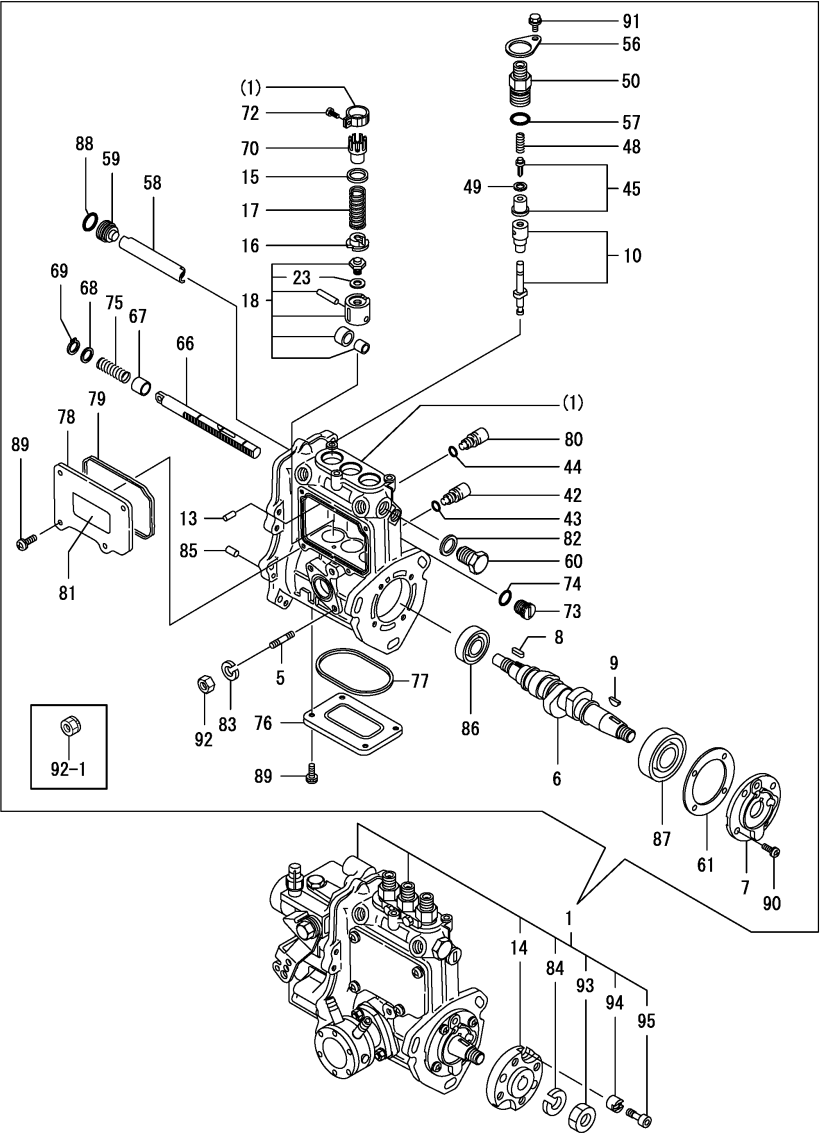


| No. | Lev. | Parts No.    | Description       | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|-------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                   | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 977780-01211 | PUMP ASSY, BILGE  | 1    |     |     |     |     |     |   |   |
| 2   | 2    | X0318101004  | MOTOR ASSY, BILGE | 1    |     |     |     |     |     |   |   |
| 3   | 2    | X158606410X  | SWITH             | 1    |     |     |     |     |     |   |   |
| 4   | 3    | X8636015001  | FUSE              | 1    |     |     |     |     |     |   |   |
| 5   | 2    | X179100022X  | STRAINER          | 1    |     |     |     |     |     |   |   |
| 6   | 2    | X179100100X  | PIPE ASSY         | 1    |     |     |     |     |     |   |   |
| 7   | 2    | X0044021509  | HOSE A            | 1    |     |     |     |     |     |   |   |
| 8   | 2    | X199906101X  | SCREW SET         | 1    |     |     |     |     |     |   |   |
| 9   | 2    | 977780-03000 | INPELLER          | 1    |     |     |     |     |     |   |   |

Fig.20. FUEL INJECTION PUMP

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

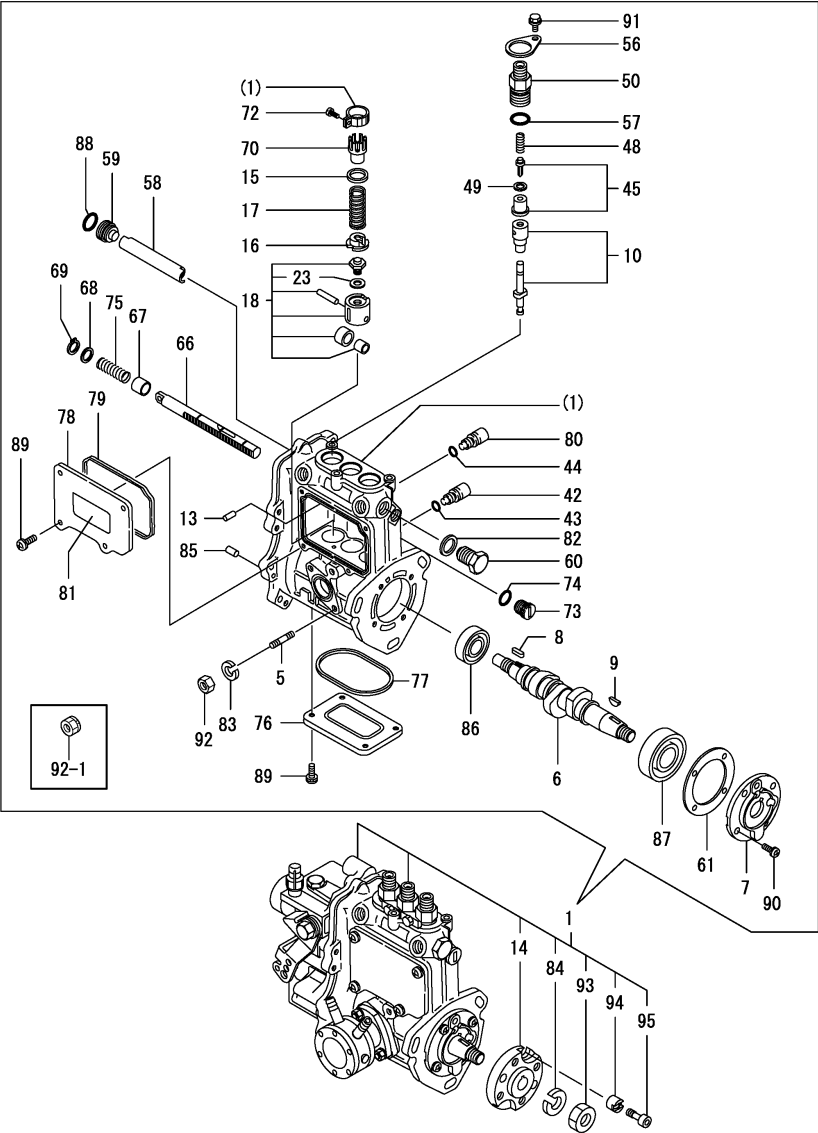


| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 728890-51350 | PUMP ASSY, INJECTION | 1    |     |     |     |     |     |   | 1 |
| 5             | 2    | 129155-51020 | BOLT, STUD           | 2    |     |     |     |     |     |   |   |
| 6             | 2    | 119717-51030 | CAMSHAFT             | 1    |     |     |     |     |     |   |   |
| 7             | 2    | 119717-51060 | SUPPORT, CAMSHAFT    | 1    |     |     |     |     |     |   |   |
| 8             | 2    | 119717-51070 | FEATHER KEY,PARALLEL | 1    |     |     |     |     |     |   |   |
| 9             | 2    | 122710-51090 | FEATHER KEY,WOODRUFF | 1    |     |     |     |     |     |   |   |
| 10            | 2    | 119415-51100 | PLUNGER ASSY, FUEL   | 3    |     |     |     |     |     |   |   |
| 13            | 2    | 129155-51140 | PIN                  | 3    |     |     |     |     |     |   |   |
| 14            | 2    | 119717-51150 | FLANGE               | 1    |     |     |     |     |     |   |   |
| 15            | 2    | 158600-51170 | RETAINER, SPRING     | 3    |     |     |     |     |     |   |   |
| 16            | 2    | 119717-51180 | RETAINER, SPRING     | 3    |     |     |     |     |     |   |   |
| 16-1          | 2    | 119717-51570 | RETAINER, SPRING     | 3    |     |     |     |     |     |   | R |
| (A=E/#E03873) |      |              |                      |      |     |     |     |     |     |   |   |
| 17            | 2    | 119717-51190 | SPRING, PLUNGER      | 3    |     |     |     |     |     |   |   |
| 18            | 2    | 119717-51200 | TAPPET ASSY          | 3    |     |     |     |     |     |   |   |
| 18-1          | 2    | 119717-51201 | TAPPET ASSY, ROLLER  | 3    |     |     |     |     |     |   | N |
| (A=*2016.04.) |      |              |                      |      |     |     |     |     |     |   |   |
| 23            | 3    | 129155-51600 | SHIM SET, ADJUSTING  | 3    |     |     |     |     |     |   |   |
| 42            | 2    | 158600-51270 | STOPPER, TAPPET      | 3    |     |     |     |     |     |   |   |
| 43            | 2    | 129155-51280 | O-RING, S6           | 3    |     |     |     |     |     |   |   |
| 44            | 2    | 129155-51280 | O-RING, S6           | 1    |     |     |     |     |     |   |   |
| 45            | 2    | 119717-51300 | VALVE ASSY, DELIVERY | 3    |     |     |     |     |     |   |   |
| 48            | 2    | 119717-51330 | SPRING, DELIVERY     | 3    |     |     |     |     |     |   |   |
| 49            | 2    | 124550-51350 | GASKET, DELIVERY     | 3    |     |     |     |     |     |   |   |
| 50            | 2    | 158600-51440 | VALVE ASSY, DELIVERY | 3    |     |     |     |     |     |   |   |
| 50-1          | 2    | 158600-51441 | VALVE ASSY, DELIVERY | 3    |     |     |     |     |     |   | N |
| (A=*2004.07.) |      |              |                      |      |     |     |     |     |     |   |   |
| 50-2          | 2    | 158600-51442 | VALVE ASSY, DELIVERY | 3    |     |     |     |     |     |   | N |
| (A=E/#E02937) |      |              |                      |      |     |     |     |     |     |   |   |
| 56            | 2    | 118400-51370 | PLATE, LOCKING       | 3    |     |     |     |     |     |   |   |
| 56-1          | 2    | 119125-51370 | RETAINER             | 3    |     |     |     |     |     |   | R |
| (A=*2010.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 57            | 2    | 24316-000150 | O-RING, 4DP15.0      | 3    |     |     |     |     |     |   |   |
| 58            | 2    | 129155-51400 | DEFLECTOR            | 1    |     |     |     |     |     |   |   |
| 59            | 2    | 158600-51410 | PLUG, DEFLECTOR      | 1    |     |     |     |     |     |   |   |
| 60            | 2    | 158600-51420 | PLUG, DEFLECTOR      | 1    |     |     |     |     |     |   |   |
| 61            | 2    | 129155-51450 | SHIM SET, ADJUSTING  | 1    |     |     |     |     |     |   |   |
| 66            | 2    | 119717-51500 | RACK, CONTROL        | 1    |     |     |     |     |     |   |   |
| 67            | 2    | 129155-51521 | BUSH, RACK           | 1    |     |     |     |     |     |   |   |
| 67-1          | 2    | 119025-51520 | BUSH,RACK            | 1    |     |     |     |     |     |   | R |
| (A=*2011.08.) |      |              |                      |      |     |     |     |     |     |   |   |
| 68            | 2    | 129155-51530 | SPACER               | 1    |     |     |     |     |     |   |   |
| 69            | 2    | 129155-51540 | CIRCLIP              | 1    |     |     |     |     |     |   |   |
| 70            | 2    | 129155-51550 | PINION, CONTROL      | 3    |     |     |     |     |     |   |   |
| 72            | 2    | 129100-51570 | SCREW, PINION        | 3    |     |     |     |     |     |   |   |
| 73            | 2    | 158600-51570 | PLUG, RACK           | 1    |     |     |     |     |     |   |   |
| 74            | 2    | 129155-51580 | O-RING               | 1    |     |     |     |     |     |   |   |
| 75            | 2    | 129155-51591 | SPRING, RACK         | 1    |     |     |     |     |     |   |   |
| 76            | 2    | 129155-51701 | COVER                | 1    |     |     |     |     |     |   |   |
| 77            | 2    | 119717-51710 | GASKET               | 1    |     |     |     |     |     |   |   |
| 77-1          | 2    | 119717-51711 | GASKET               | 1    |     |     |     |     |     |   | N |

Fig.20. FUEL INJECTION PUMP

(A)=3YM20  
(B)=  
(C)=

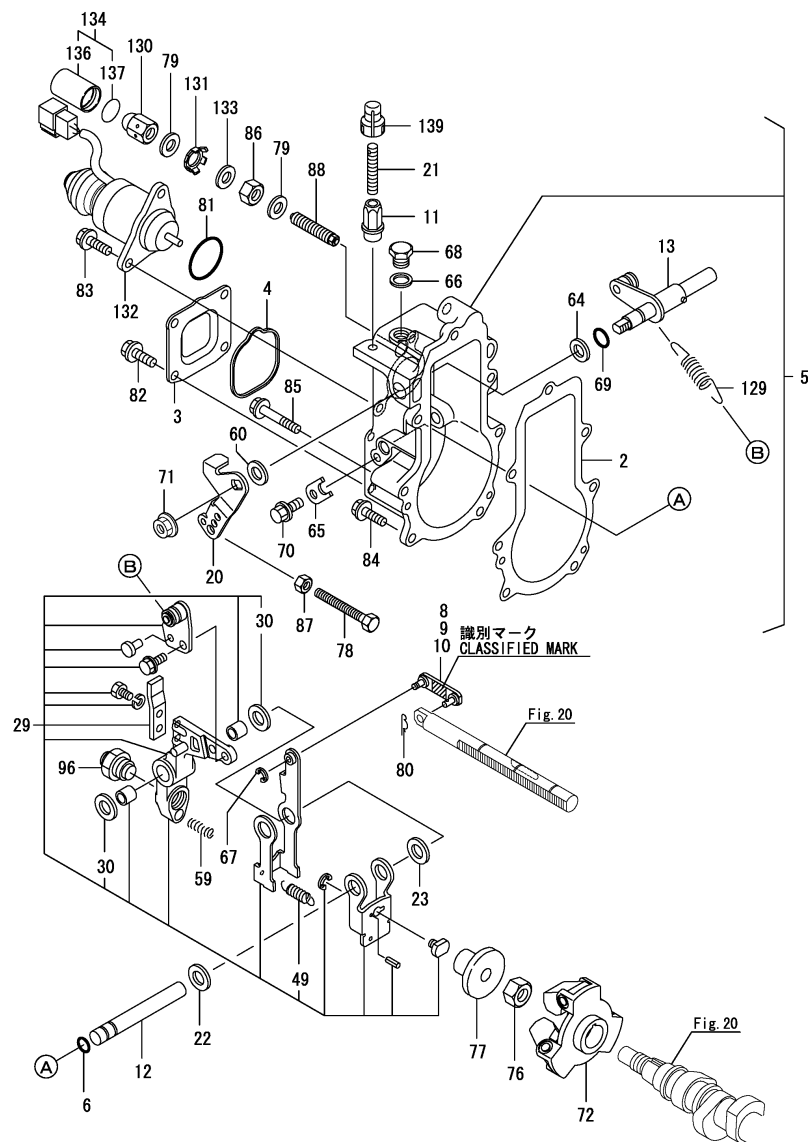
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| (A=E/#E03857) |      |              |                      |      |     |     |     |     |     |   |   |
| 78            | 2    | 119717-51750 | COVER                | 1    |     |     |     |     |     |   |   |
| 79            | 2    | 119717-51760 | GASKET               | 1    |     |     |     |     |     |   |   |
| 79-1          | 2    | 119717-51761 | GASKET               | 1    |     |     |     |     |     | N |   |
| (A=E/#E03857) |      |              |                      |      |     |     |     |     |     |   |   |
| 80            | 2    | 158600-51790 | STOPPER, RACK        | 1    |     |     |     |     |     |   |   |
| 81            | 2    | 129156-51910 | LABEL, CAUTION       | 1    |     |     |     |     |     | Z |   |
| (A=E/#E03857) |      |              |                      |      |     |     |     |     |     |   |   |
| 82            | 2    | 22190-160002 | WASHER, SEAL 16      | 1    |     |     |     |     |     |   |   |
| 83            | 2    | 22217-060000 | WASHER, SPRING 6     | 2    |     |     |     |     |     | Z |   |
| (A=*2009.08.) |      |              |                      |      |     |     |     |     |     |   |   |
| 84            | 2    | 22217-120000 | WASHER, SPRING 12    | 1    |     |     |     |     |     |   |   |
| 85            | 2    | 22351-050010 | PIN, SPRING 5.0X10   | 2    |     |     |     |     |     |   |   |
| 86            | 2    | 24101-060034 | BEARING, BALL 6003   | 1    |     |     |     |     |     |   |   |
| 87            | 2    | 24101-063034 | BEARING, BALL 6303   | 1    |     |     |     |     |     |   |   |
| 88            | 2    | 119717-51420 | O-RING               | 1    |     |     |     |     |     |   |   |
| 89            | 2    | 26022-050122 | SCREW, M5X12         | 8    |     |     |     |     |     |   |   |
| 90            | 2    | 26022-060162 | SCREW, M6X16         | 4    |     |     |     |     |     |   |   |
| 90-1          | 2    | 119125-51900 | BOLT, COLLAR M6 X 14 | 4    |     |     |     |     |     | R |   |
| (A=*2011.03.) |      |              |                      |      |     |     |     |     |     |   |   |
| 91            | 2    | 26106-050102 | BOLT, M5X 10 PLATED  | 3    |     |     |     |     |     |   |   |
| 92            | 2    | 26716-060002 | NUT, M6              | 2    |     |     |     |     |     |   |   |
| 92-1          | 2    | 119717-51860 | NUT, M6              | 2    |     |     |     |     |     | N |   |
| (A=*2009.08.) |      |              |                      |      |     |     |     |     |     |   |   |
| 93            | 2    | 26716-120002 | NUT, M12             | 1    |     |     |     |     |     |   |   |
| 94            | 2    | 119717-51480 | COLLAR               | 1    |     |     |     |     |     |   |   |
| 94-1          | 2    | 119717-51481 | COLLAR, FIC FIX      | 1    |     |     |     |     |     | N |   |
| (A=*2012.06.) |      |              |                      |      |     |     |     |     |     |   |   |
| 95            | 2    | 119717-51490 | BOLT                 | 1    |     |     |     |     |     |   |   |
| 95-1          | 2    | 119717-51491 | BOLT, FIXATION       | 1    |     |     |     |     |     | N |   |
| (A=*2012.06.) |      |              |                      |      |     |     |     |     |     |   |   |

Remarks  
(1)Governor(Fig.21) & Fuel Feed Pump(Fig.22) is incorporated in this Fuel Injection Pump(No.1).

Fig.21. GOVERNOR



(1) Selective parts.  
Certain the classification mark, then place your order (Refer to illustration).

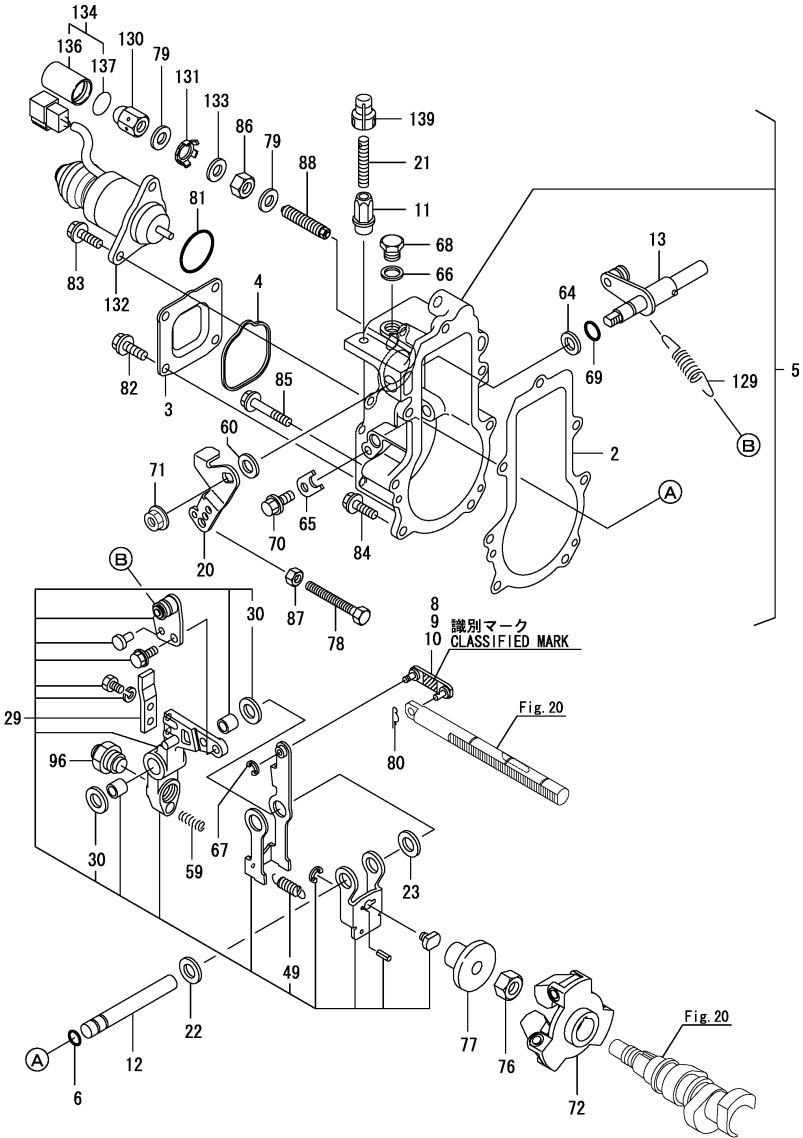
(2) Spare parts.

[illegible]

N:Old  $\xrightleftharpoons[\text{No}]{\text{Yes}}$  New, Q:Old  $\xrightleftharpoons[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightleftharpoons[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xrightleftharpoons[\text{No}]{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++  
 Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.

Fig.21. GOVERNOR

(A)=3YM20  
(B)=  
(C)=  
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 82            | 2    | 26106-060102 | BOLT, M6X 10 PLATED | 4    |     |     |     |     |     |   |     |
| 83            | 2    | 26106-060142 | BOLT, M6X 14 PLATED | 2    |     |     |     |     |     |   |     |
| 84            | 2    | 26106-060202 | BOLT, M6X 20 PLATED | 4    |     |     |     |     |     |   |     |
| 85            | 2    | 26106-060452 | BOLT, M6X 45 PLATED | 3    |     |     |     |     |     |   |     |
| 86            | 2    | 26736-120002 | NUT, M12            | 1    |     |     |     |     |     |   |     |
| 86-1          | 2    | 129209-61920 | NUT, ARB            | 1    |     |     |     |     |     |   | R   |
| (A=*2007.11.) |      |              |                     |      |     |     |     |     |     |   |     |
| 87            | 2    | 26756-060002 | NUT, LOCK M6        | 1    |     |     |     |     |     |   |     |
| 87-1          | 2    | 119740-61470 | NUT                 | 1    |     |     |     |     |     |   | N   |
| (A=*2017.03.) |      |              |                     |      |     |     |     |     |     |   |     |
| 88            | 2    | 158601-61760 | LIMITER ASSY, FUEL  | 1    |     |     |     |     |     |   |     |
| 88-1          | 2    | 158601-61790 | LIMITER ASSY, FUEL  | 1    |     |     |     |     |     |   | S   |
| (A=*2012.11.) |      |              |                     |      |     |     |     |     |     |   |     |
| 96            | 2    | 128990-61560 | ANGLEICH ASSY       | 1    |     |     |     |     |     |   |     |
| 129           | 2    | 119527-61700 | SPRING, GOVERNOR    | 1    |     |     |     |     |     |   |     |
| 130           | 2    | 129209-61930 | NUT, CAP            | 1    |     |     |     |     |     |   |     |
| 131           | 2    | 129209-61970 | PLATE               | 1    |     |     |     |     |     |   |     |
| 132           | 2    | 129271-77950 | SOLENOID, STOP      | 1    |     |     |     |     |     |   |     |
| 133           | 2    | 23414-120016 | GASKET, 12X1.0      | 1    |     |     |     |     |     |   |     |
| 134           | 1    | 129209-61940 | CASE ASSY           | 1    |     |     |     |     |     |   |     |
| 136           | 2    | 129209-61960 | CASE                | 1    |     |     |     |     |     |   | 2   |
| 136-1         | 2    | 129209-61961 | CASE                | 1    |     |     |     |     |     |   | S 2 |
| (A=*2007.04.) |      |              |                     |      |     |     |     |     |     |   |     |
| 137           | 2    | 24311-000150 | O-RING, 1AP15.0     | 1    |     |     |     |     |     |   |     |
| 137-1         | 2    | 24311-000160 | O-RING, 1AP16.0     | 1    |     |     |     |     |     |   | S   |
| (A=*2007.04.) |      |              |                     |      |     |     |     |     |     |   |     |
| 139           | 1    | 119285-66650 | CAP, HIGH-IDLE      | 1    |     |     |     |     |     |   | 2   |

Remarks  
(1)Selective parts.  
Certain the classification mark, then place your order(Refer to illustration).  
(2)Spare parts.

Fig.22. FUEL FEED PUMP

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 2    | 129158-52000 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 2             | 3    | 129155-52051 | GASKET               | 1    |     |     |     |     |     |   |   |
| 3             | 3    | 129158-52100 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   |   |
| 3-1           | 3    | 129158-52101 | PUMP ASSY, FUEL FEED | 1    |     |     |     |     |     |   | N |
| (A=E/#E00968) |      |              |                      |      |     |     |     |     |     |   |   |

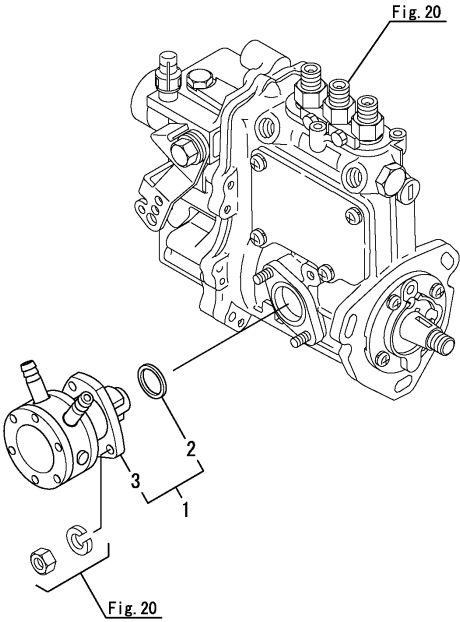
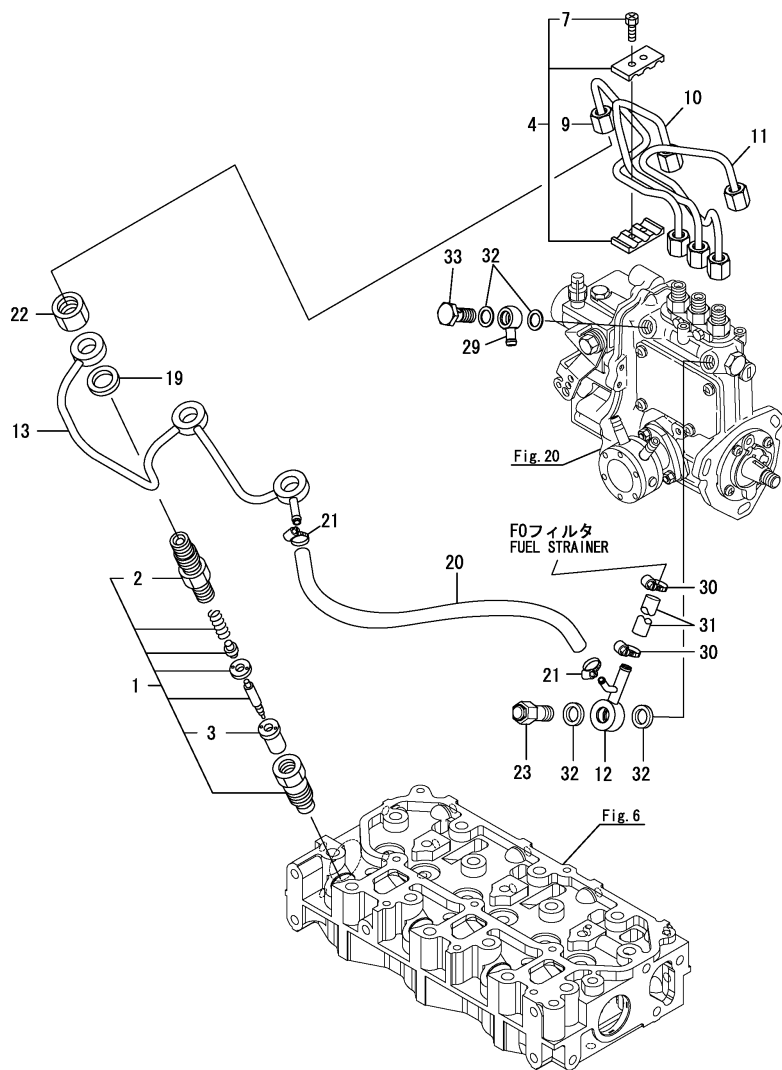


Fig.23. FUEL INJECTION VALVE & FUEL INJECTION PIPE



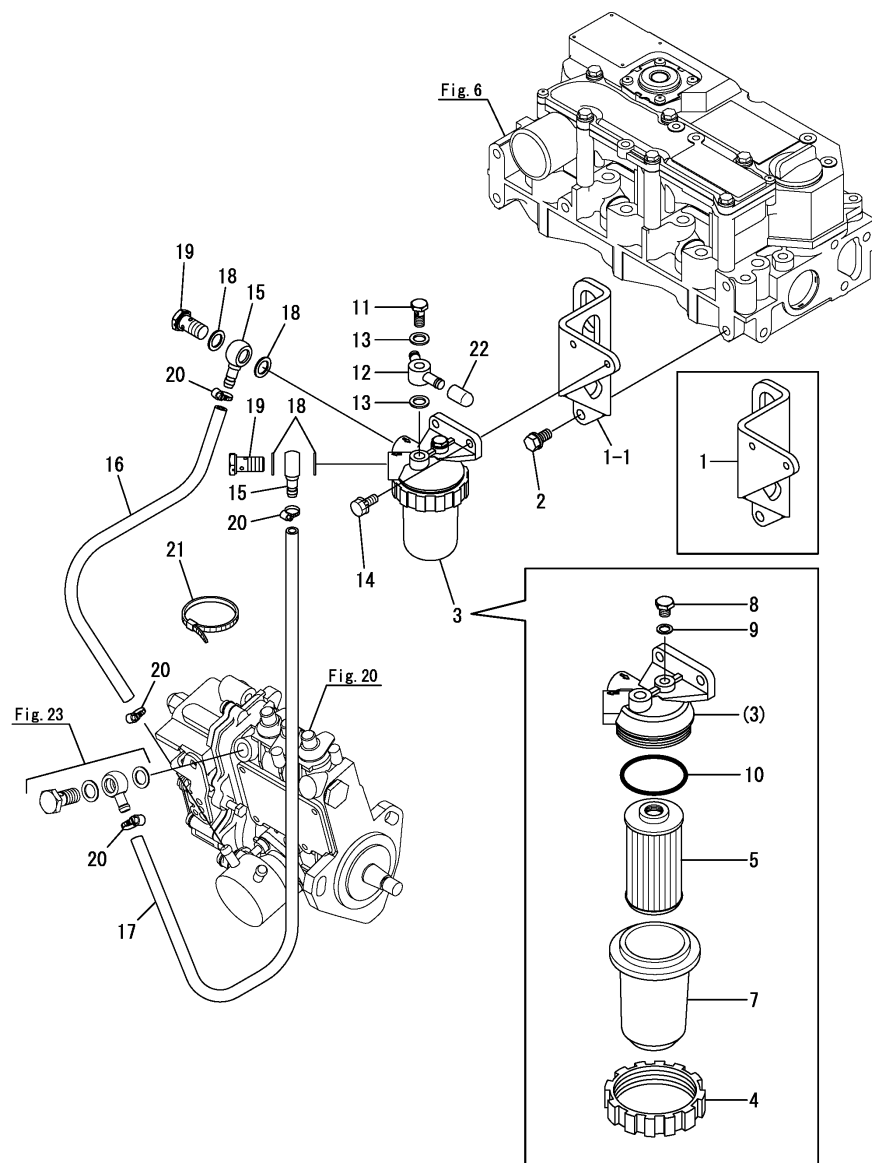
| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 119515-53000 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   |   |
| 1-1           | 1    | 119515-53001 | VALVE ASSY,INJECTION | 3    |     |     |     |     |     |   | R |
| (A=*2004.06.) |      |              |                      |      |     |     |     |     |     |   |   |
| 2             | 2    | 118200-53010 | HOLDER, NOZZLE       | 3    |     |     |     |     |     |   |   |
| 3             | 2    | 119515-53010 | NOZZLE ASSY, F.I.    | 3    |     |     |     |     |     |   |   |
| 3A            | 2    | 129901-53800 | SHIM SET, ADJUSTING  | 3    |     |     |     |     |     |   | 1 |
| 4             | 1    | 129150-59120 | RETAINER, PIPE       | 1    |     |     |     |     |     |   |   |
| 7             | 2    | 129150-59131 | BOLT, M4X14          | 2    |     |     |     |     |     |   |   |
| 9             | 1    | 119546-59810 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 10            | 1    | 119546-59820 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 11            | 1    | 119546-59830 | PIPE ASSY, INJECTION | 1    |     |     |     |     |     |   |   |
| 12            | 1    | 119840-59570 | JOINT                | 1    |     |     |     |     |     |   |   |
| 13            | 1    | 119515-59540 | PIPE ASSY, RETURN    | 1    |     |     |     |     |     |   |   |
| 19            | 1    | 129901-59560 | GASKET               | 3    |     |     |     |     |     |   |   |
| 20            | 1    | 119773-59511 | PIPE, FUEL           | 1    |     |     |     |     |     |   |   |
| 20-1          | 1    | 128990-59510 | PIPE,FUEL            | 1    |     |     |     |     |     |   | N |
| (A=E/#E10240) |      |              |                      |      |     |     |     |     |     |   |   |
| 21            | 1    | 23000-016000 | CLAMP, 16            | 2    |     |     |     |     |     |   |   |
| 22            | 1    | 119620-59700 | NUT, NOZZLE          | 3    |     |     |     |     |     |   |   |
| 23            | 1    | 119813-59950 | VALVE ASSY, CHECK    | 1    |     |     |     |     |     |   |   |
| 29            | 1    | 101304-59020 | JOINT, PIPE 12       | 1    |     |     |     |     |     |   |   |
| 30            | 1    | 23000-016000 | CLAMP, 16            | 2    |     |     |     |     |     |   |   |
| 30-1          | 1    | 23000-013000 | CLAMP, HOSE 13       | 2    |     |     |     |     |     |   | N |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |   |
| 31            | 1    | 128890-59040 | PIPE, FUEL           | 1    |     |     |     |     |     |   |   |
| 31-1          | 1    | 128890-59041 | PIPE, FUEL OIL       | 1    |     |     |     |     |     |   | R |
| (A=E/#E10240) |      |              |                      |      |     |     |     |     |     |   |   |
| 32            | 1    | 22190-120002 | WASHER, SEAL 12      | 4    |     |     |     |     |     |   |   |
| 33            | 1    | 103854-39140 | BOLT, PIPE JOINT     | 1    |     |     |     |     |     |   |   |

Remarks  
(1)Service parts.

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  
Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.

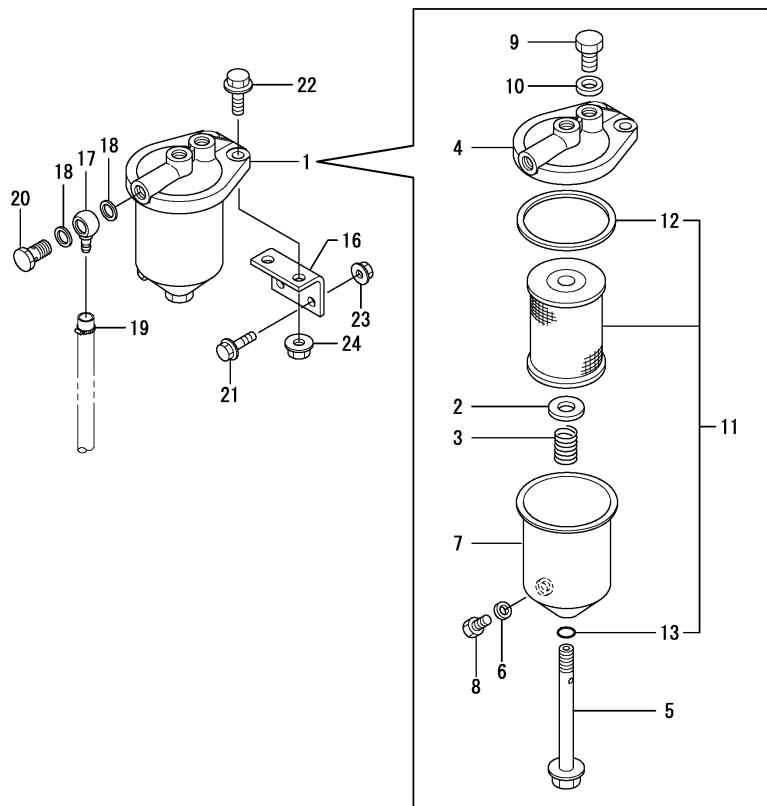


Fig.24. FUEL PIPE & FUEL FILTER



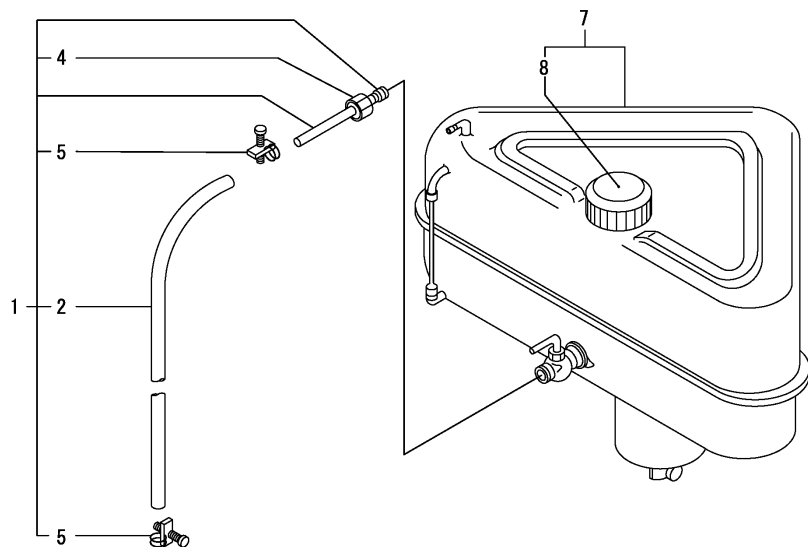
| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-55010 | BRACKET, FILTER     | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 128990-55011 | BRACKET, FILTER     | 1    |     |     |     |     |     |   | N |
| (A=E/#E01209) |      |              |                     |      |     |     |     |     |     |   |   |
| 2             | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 2    |     |     |     |     |     |   |   |
| 3             | 1    | 128990-55600 | STRAINER ASSY, FUEL | 1    |     |     |     |     |     |   |   |
| 3-1           | 1    | 121370-55601 | STRAINER ASSY, FUEL | 1    |     |     |     |     |     |   | R |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 4             | 2    | 110250-55610 | RING, CUP RETAINING | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 104500-55710 | ELEMENT             | 1    |     |     |     |     |     |   |   |
| 7             | 2    | 121370-55730 | CUP, STRAINER       | 1    |     |     |     |     |     |   |   |
| 8             | 2    | 101720-55750 | PLUG, HEXAGON M6    | 1    |     |     |     |     |     |   |   |
| 9             | 2    | 23418-060000 | GASKET, 6X1.0       | 1    |     |     |     |     |     |   |   |
| 10            | 2    | 24341-000440 | O-RING, 1AS44.0     | 1    |     |     |     |     |     |   |   |
| 11            | 1    | 128990-59150 | BOLT, PIPE JOINT M8 | 1    |     |     |     |     |     |   |   |
| 12            | 1    | 128990-59530 | JOINT               | 1    |     |     |     |     |     |   |   |
| 13            | 1    | 22190-080002 | WASHER, SEAL 8      | 2    |     |     |     |     |     |   |   |
| 14            | 1    | 26013-060162 | BOLT, M6X 16        | 2    |     |     |     |     |     |   |   |
| 15            | 1    | 104264-59020 | JOINT               | 2    |     |     |     |     |     |   |   |
| 16            | 1    | 119172-59201 | PIPE, FUEL          | 1    |     |     |     |     |     |   |   |
| 16-1          | 1    | 128990-59200 | PIPE,FUEL           | 1    |     |     |     |     |     |   | N |
| (A=E/#E10240) |      |              |                     |      |     |     |     |     |     |   |   |
| 17            | 1    | 128890-59060 | PIPE, FUEL          | 1    |     |     |     |     |     |   |   |
| 17-1          | 1    | 128890-59061 | PIPE,FUEL           | 1    |     |     |     |     |     |   | N |
| (A=E/#E10240) |      |              |                     |      |     |     |     |     |     |   |   |
| 18            | 1    | 22190-120002 | WASHER, SEAL 12     | 4    |     |     |     |     |     |   |   |
| 19            | 1    | 23857-060000 | BOLT, JOINT 6       | 2    |     |     |     |     |     |   |   |
| 20            | 1    | 23000-016000 | CLAMP, 16           | 4    |     |     |     |     |     |   |   |
| 21            | 1    | 121750-59890 | BAND, NYLON         | 1    |     |     |     |     |     |   | W |
| (A=E/#E10240) |      |              |                     |      |     |     |     |     |     |   |   |
| 21-1          | 1    | 128990-59890 | BAND,200            | 1    |     |     |     |     |     |   | R |
| (A=E/#E12342) |      |              |                     |      |     |     |     |     |     |   |   |
| 22            | 1    | 128990-59900 | CAP,FUEL IN-OUT     | 2    |     |     |     |     |     |   | W |
| (A=*2013.08.) |      |              |                     |      |     |     |     |     |     |   |   |

Fig.48. (24A)WATER SEPARATOR



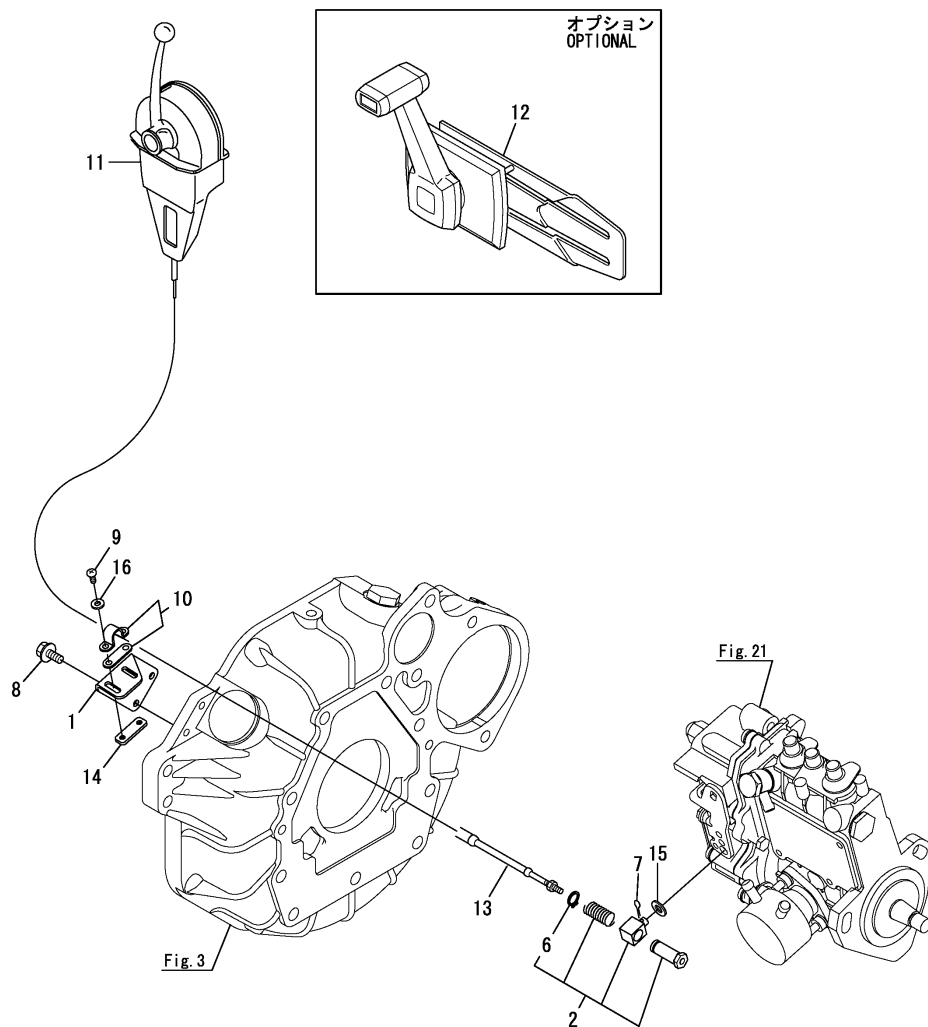
| No. | Lev.          | Parts No.    | Description          | Q'ty |     |     |     |     |     | I R |
|-----|---------------|--------------|----------------------|------|-----|-----|-----|-----|-----|-----|
|     |               |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |     |
| 1   | 1             | 129670-55750 | SEPARATOR ASSY,WATER | 1    |     |     |     |     |     | W   |
|     | (A=*2013.05.) |              |                      |      |     |     |     |     |     |     |
| 2   | 2             | 123325-35160 | WASHER               | 1    |     |     |     |     |     |     |
| 3   | 2             | 123325-35170 | SPRING               | 1    |     |     |     |     |     |     |
| 4   | 2             | 129495-55610 | BODY, STRAINER       | 1    |     |     |     |     |     |     |
| 5   | 2             | 129495-55620 | BOLT                 | 1    |     |     |     |     |     |     |
| 6   | 2             | 123672-55760 | GASKET               | 1    |     |     |     |     |     |     |
| 7   | 2             | 129065-55760 | CASE, SEPARATOR      | 1    |     |     |     |     |     |     |
| 8   | 2             | 129065-55770 | PLUG, DRAIN M8       | 1    |     |     |     |     |     |     |
| 9   | 2             | 129065-55800 | PLUG, M14            | 1    |     |     |     |     |     |     |
| 10  | 2             | 123678-55890 | GASKET, PLUG         | 1    |     |     |     |     |     |     |
| 11  | 2             | 41650-502320 | ELEMENT ASSY(D72XL90 | 1    |     |     |     |     |     |     |
| 12  | 3             | 123325-35140 | GASKET               | 1    |     |     |     |     |     |     |
| 13  | 3             | 24311-000120 | O-RING, 1AP12.0      | 1    |     |     |     |     |     |     |
| 16  | 1             | 129670-55810 | BRACKET              | 1    |     |     |     |     |     |     |
| 17  | 1             | 121750-59910 | JOINT, BALL          | 2    |     |     |     |     |     |     |
| 18  | 1             | 22190-140002 | WASHER, SEAL 14      | 4    |     |     |     |     |     |     |
| 19  | 1             | 23000-013000 | CLAMP, 13            | 2    |     |     |     |     |     |     |
| 20  | 1             | 23857-080000 | BOLT, JOINT 8        | 2    |     |     |     |     |     |     |
| 21  | 1             | 26106-080302 | BOLT, M8X 30 PLATED  | 2    |     |     |     |     |     |     |
| 22  | 1             | 26106-100302 | BOLT, M10X 30 PLATED | 2    |     |     |     |     |     |     |
| 23  | 1             | 26366-080002 | NUT, 8               | 2    |     |     |     |     |     |     |
| 24  | 1             | 26366-100002 | NUT, 10              | 2    |     |     |     |     |     |     |

Fig.25. FUEL TANK(OPTIONAL)



|               |      |              |                     | (A)=3YM20<br>(B)=<br>(C)= |     |     |             |     | (D)=<br>(E)=<br>(F)= |   |   |  |  |
|---------------|------|--------------|---------------------|---------------------------|-----|-----|-------------|-----|----------------------|---|---|--|--|
| No.           | Lev. | Parts No.    | Description         | (A)                       | (B) | (C) | Q'ty<br>(D) | (E) | (F)                  | I | R |  |  |
| 1             | 1    | 128990-59700 | PIPE ASSY, FUEL     | 1                         |     |     |             |     |                      |   |   |  |  |
| 2             | 2    | 128990-59130 | PIPE, FUEL          | 1                         |     |     |             |     |                      |   |   |  |  |
| 2-1           | 2    | 128990-59131 | PIPE, FUEL          | 1                         |     |     |             |     |                      |   | S |  |  |
| (A=*2004.04.) |      |              |                     |                           |     |     |             |     |                      |   |   |  |  |
| 4             | 2    | 138603-59380 | CAP NUT             | 1                         |     |     |             |     |                      |   |   |  |  |
| 5             | 2    | 23010-014000 | CLAMP, 14           | 2                         |     |     |             |     |                      |   |   |  |  |
| 7             | 1    | 83213-003012 | TANK ASSY, FUEL OIL | 1                         |     |     |             |     |                      |   |   |  |  |
| 8             | 2    | 105430-55041 | CAP ASSY            | 1                         |     |     |             |     |                      |   |   |  |  |

Fig.26. BRACKET(CABLE)



| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-67150 | BRACKET, CABLE      | 1    |     |     |     |     |     |   |   |
| 2             | 1    | 129470-67200 | RETAINER ASSY       | 1    |     |     |     |     |     |   |   |
| 6             | 2    | 22242-000100 | RING, 10            | 1    |     |     |     |     |     |   |   |
| 7             | 1    | 22360-080000 | SNAP PIN 8          | 1    |     |     |     |     |     |   |   |
| 7-1           | 1    | 22414-250150 | PIN, 2.5 X 15       | 1    |     |     |     |     |     |   | N |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 8             | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 2    |     |     |     |     |     |   |   |
| 9             | 1    | 26557-050122 | SCREW, M5X12        | 2    |     |     |     |     |     |   |   |
| 9-1           | 1    | 26557-050202 | SCREW, M5X20        | 2    |     |     |     |     |     |   | R |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 10            | 1    | 41710-000410 | CLAMP               | 1    |     |     |     |     |     |   |   |
| 11            | 1    | 41730-000681 | MT-3 REMO-CON       | 1    |     |     |     |     |     |   |   |
| 12            | 1    | 128170-86501 | REMOCON HEAD (MN    | 1    |     |     |     |     |     |   |   |
| 13            | 1    | 41710-000380 | CABLE, PP 33CX4M    | 2    |     |     |     |     |     |   |   |
| 13-1          | 1    | 27730-301400 | CABLE, 33 X 1400    | 2    |     |     |     |     |     |   | R |
| (A=*2012.09.) |      |              |                     |      |     |     |     |     |     |   |   |
| 14            | 1    | 121574-86320 | RETAINER            | 1    |     |     |     |     |     |   |   |
| 15            | 1    | 22117-080000 | WASHER, 8           | 1    |     |     |     |     |     |   | W |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 16            | 1    | 22217-050000 | WASHER, 5           | 2    |     |     |     |     |     |   | W |
| (A=*2013.08.) |      |              |                     |      |     |     |     |     |     |   |   |

Fig.27. CLUTCH

(A)=3YM20  
(B)=  
(C)=

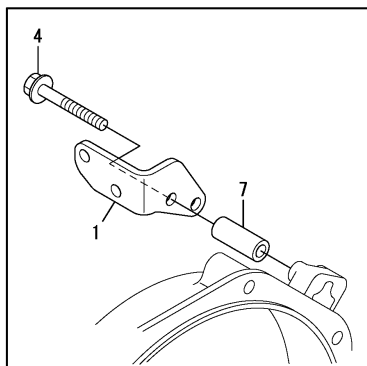
(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128171-81520 | CLUTCH ASSY, I=2.62 | 1    |     |     |     |     |     |   |   |
| 2             | 1    | 128171-81510 | CLUTCH ASSY, 2.21   | 1    |     |     |     |     |     |   |   |
| 3             | 1    | 128171-81530 | CLUTCH ASSY, I=3.22 | 1    |     |     |     |     |     |   |   |
| 4             | 1    | 26106-080422 | BOLT, M8X 42 PLATED | 7    |     |     |     |     |     |   |   |
| 4-1           | 1    | 26106-080402 | BOLT, M8X 40 PLATED | 7    |     |     |     |     |     |   | R |
| (A=*2008.03.) |      |              |                     |      |     |     |     |     |     |   |   |
| 5             | 1    | 26216-080452 | STUD, M8X 45        | 1    |     |     |     |     |     |   |   |
| 6             | 1    | 26366-080002 | NUT, M8             | 1    |     |     |     |     |     |   |   |

この項目には、イラスト表現はしていません。

The parts of this figure are not illustrated.

Fig.28. CLUTCH REMOTE CONTROL



(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-86301 | BRACKET, CABLE      | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 128990-86310 | BRACKET, CABLE      | 1    |     |     |     |     |     | F | 1 |
| (A=E/#E12516) |      |              |                     |      |     |     |     |     |     |   |   |
| 2             | 1    | 121574-86320 | RETAINER            | 1    |     |     |     |     |     |   |   |
| 3             | 1    | 22212-050000 | WASHER 5            | 2    |     |     |     |     |     |   |   |
| 3-1           | 1    | 22217-050000 | WASHER, 5           | 2    |     |     |     |     |     | R |   |
| (A=*2013.08.) |      |              |                     |      |     |     |     |     |     |   |   |
| 4             | 1    | 26106-060452 | BOLT, M6X 45 PLATED | 2    |     |     |     |     |     |   |   |
| 4-1           | 1    | 26106-060142 | BOLT, M6X 14 PLATED | 2    |     |     |     |     |     | F | 1 |
| (A=E/#E12516) |      |              |                     |      |     |     |     |     |     |   |   |
| 4-2           | 1    | 26106-060122 | BOLT, M6X 12 PLATED | 2    |     |     |     |     |     | R |   |
| (A=*2008.03.) |      |              |                     |      |     |     |     |     |     |   |   |
| 5             | 1    | 26557-050122 | SCREW, M5X12        | 2    |     |     |     |     |     |   |   |
| 5-1           | 1    | 26557-050202 | SCREW, M5X20        | 2    |     |     |     |     |     | R |   |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 6             | 1    | 41710-000410 | CLAMP               | 1    |     |     |     |     |     |   |   |
| 7             | 1    | 128990-86350 | SPACER              | 2    |     |     |     |     |     | Z |   |
| (A=E/#E12516) |      |              |                     |      |     |     |     |     |     |   |   |

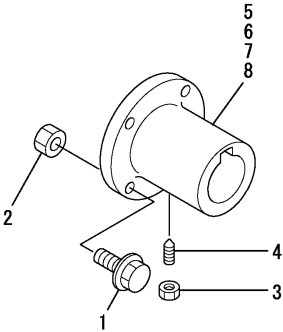
Remarks  
(1) No.1-1 & 4-1 interchangeable by set.

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

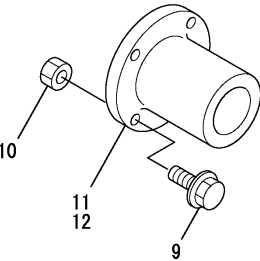
Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.

Fig.29. COUPLING(OPTIONAL)

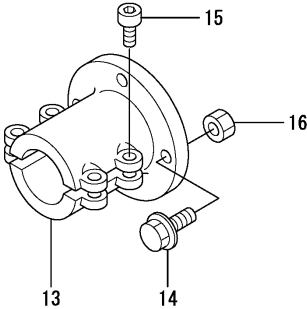
テーパカップリング  
TAPER COUPLING



ストレートカップリング  
STRAIGHT COUPLING



スリットカップリング  
SLIT COUPLING

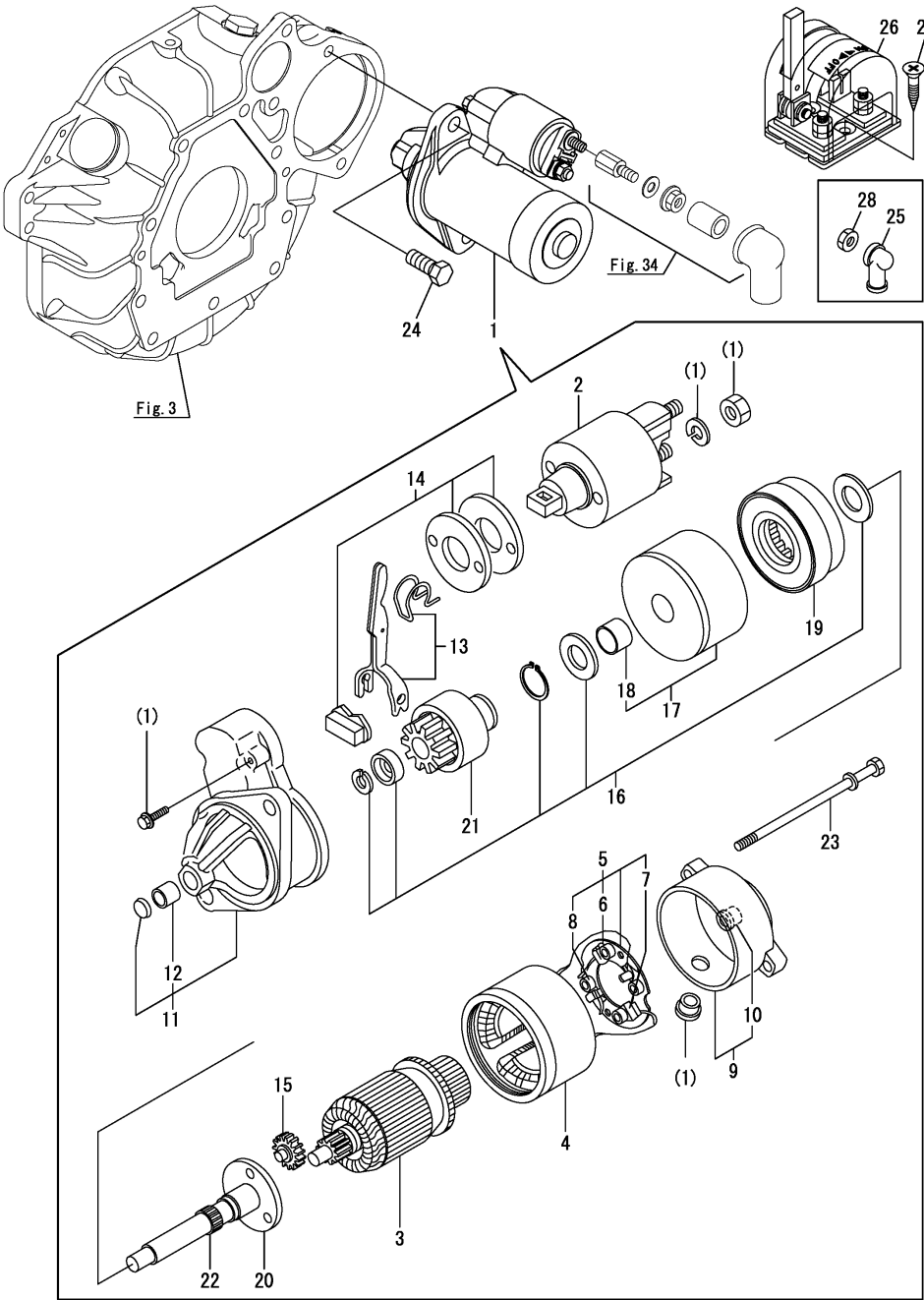


(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No. | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 26106-100322 | BOLT, M10X 32 PLATED | 4    |     |     |     |     |     |   |   |
| 2   | 1    | 26706-100002 | NUT, M10             | 4    |     |     |     |     |     |   |   |
| 3   | 1    | 26756-080002 | NUT, LOCK M8         | 1    |     |     |     |     |     |   |   |
| 4   | 1    | 48110-032411 | SCREW                | 1    |     |     |     |     |     |   |   |
| 5   | 1    | 48110-522361 | COUPLING, TAPER 22   | 1    |     |     |     |     |     |   |   |
| 6   | 1    | 48110-025063 | COUPLING, TAPER 25   | 1    |     |     |     |     |     |   |   |
| 7   | 1    | 48110-028063 | COUPLING, TAPER 28   | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 48110-032502 | COUPLING, 30         | 1    |     |     |     |     |     |   |   |
| 9   | 1    | 26106-100322 | BOLT, M10X 32 PLATED | 4    |     |     |     |     |     |   |   |
| 10  | 1    | 26706-100002 | NUT, M10             | 4    |     |     |     |     |     |   |   |
| 11  | 1    | 45414-500260 | COUPLING, 16MM       | 1    |     |     |     |     |     |   |   |
| 12  | 1    | 105583-85900 | COUPLING, 22         | 1    |     |     |     |     |     |   |   |
| 13  | 1    | 104214-83980 | COUPLING, SLIT 20    | 1    |     |     |     |     |     |   |   |
| 14  | 1    | 26106-100322 | BOLT, M10X 32 PLATED | 4    |     |     |     |     |     |   |   |
| 15  | 1    | 26450-080282 | BOLT, M8X 28         | 4    |     |     |     |     |     |   |   |
| 16  | 1    | 26706-100002 | NUT, M10             | 4    |     |     |     |     |     |   |   |

Fig.30. STARTER MOTOR



(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

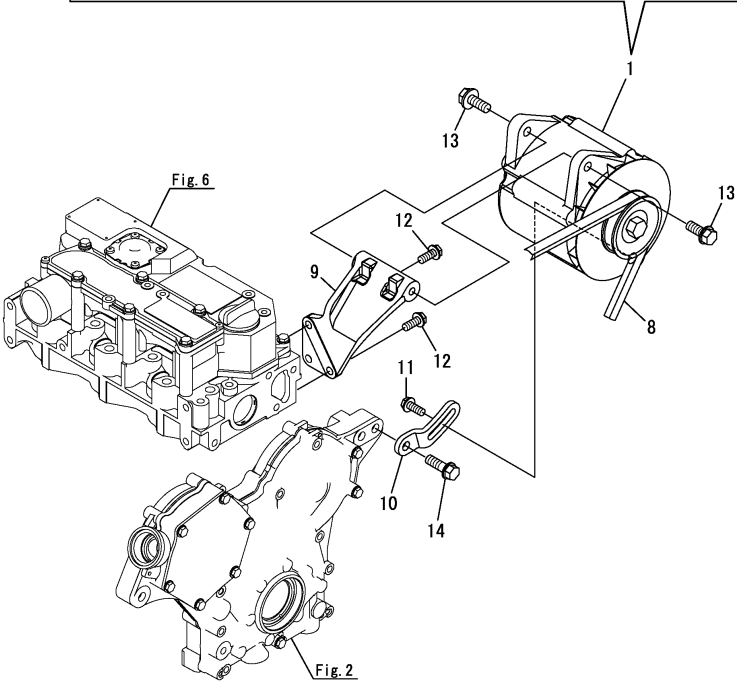
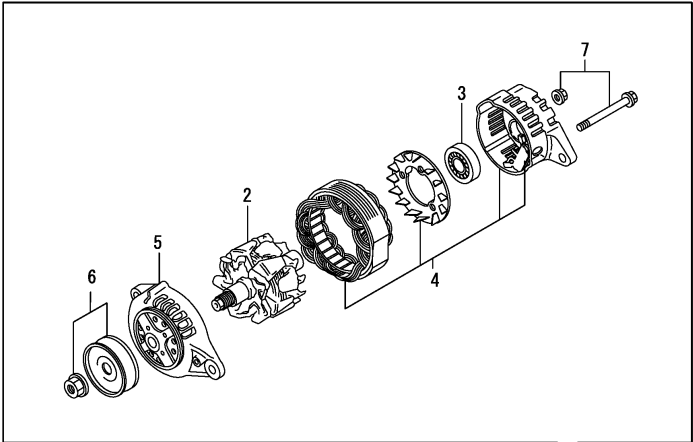
| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 129608-77010 | STARTER ASSY         | 1    |     |     |     |     |     |   |   |
| 2             | 2    | 129698-77020 | SWITCH ASSY, MAGNET  | 1    |     |     |     |     |     |   |   |
| 3             | 2    | 129698-77101 | ARMATURE ASSY        | 1    |     |     |     |     |     |   |   |
| 4             | 2    | 129608-77110 | YOKE ASSY            | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 129698-77120 | HOLDER ASSY, BRUSH   | 1    |     |     |     |     |     |   |   |
| 6             | 3    | 129698-77140 | BRUSH SET            | 1    |     |     |     |     |     |   |   |
| 7             | 3    | 129698-77130 | BRUSH                | 2    |     |     |     |     |     |   |   |
| 8             | 3    | 129698-77150 | SPRING, BRUSH        | 4    |     |     |     |     |     |   |   |
| 9             | 2    | 129698-77161 | COVER ASSY           | 1    |     |     |     |     |     |   |   |
| 10            | 3    | 129698-77170 | BEARING, COVER       | 1    |     |     |     |     |     |   |   |
| 11            | 2    | 129698-77260 | CASE ASSY, GEAR      | 1    |     |     |     |     |     |   |   |
| 12            | 3    | X2114535200  | BEARING, STARTER     | 1    |     |     |     |     |     |   |   |
| 13            | 2    | 129698-77270 | LEVER SET, SHIFT     | 1    |     |     |     |     |     |   |   |
| 14            | 2    | 129698-77280 | COVER KIT, DUST      | 1    |     |     |     |     |     |   |   |
| 15            | 2    | 129698-77240 | GEAR, PLANETARY      | 3    |     |     |     |     |     |   |   |
| 16            | 2    | 129698-77250 | WASHER SET           | 1    |     |     |     |     |     |   |   |
| 17            | 2    | 129698-77180 | BRACKET, CENTER      | 1    |     |     |     |     |     |   |   |
| 18            | 3    | 129698-77190 | BRACKET, CENTER      | 1    |     |     |     |     |     |   |   |
| 19            | 2    | 129698-77200 | GEAR, INTERNAL       | 1    |     |     |     |     |     |   |   |
| 20            | 2    | 129698-77210 | BRACKET              | 1    |     |     |     |     |     |   |   |
| 21            | 2    | 129698-77220 | PINION ASSY          | 1    |     |     |     |     |     |   |   |
| 22            | 2    | 129698-77230 | SHAFT, PINION        | 1    |     |     |     |     |     |   |   |
| 23            | 2    | 124195-77770 | BOLT, THROUGH        | 2    |     |     |     |     |     |   |   |
| 24            | 1    | 26116-120302 | BOLT, M12X 30 PLATED | 2    |     |     |     |     |     |   |   |
| 25            | 1    | 124550-77030 | COVER, TERMINAL      | 1    |     |     |     |     |     |   |   |
| 25-1          | 1    | 129670-77030 | COVER, TERMINAL      | 1    |     |     |     |     |     |   | R |
| (A=*2008.02.) |      |              |                      |      |     |     |     |     |     |   |   |
| 25-2          | 1    | 129670-77030 | COVER, TERMINAL      | 1    |     |     |     |     |     |   | Z |
| (A=E/#E14902) |      |              |                      |      |     |     |     |     |     |   |   |
| 26            | 1    | 123310-77640 | SWITCH, BATTERY      | 1    |     |     |     |     |     |   |   |
| 27            | 1    | 22724-800380 | SCREW, 8.0X38        | 2    |     |     |     |     |     |   |   |
| 28            | 1    | 26756-080002 | NUT, LOCK M8         | 1    |     |     |     |     |     |   | Z |
| (A=E/#E14902) |      |              |                      |      |     |     |     |     |     |   |   |



Fig.31. GENERATOR(HITACHI/60A)(UP TO SEP. 2010)

(A)=3YM20  
(B)=  
(C)=

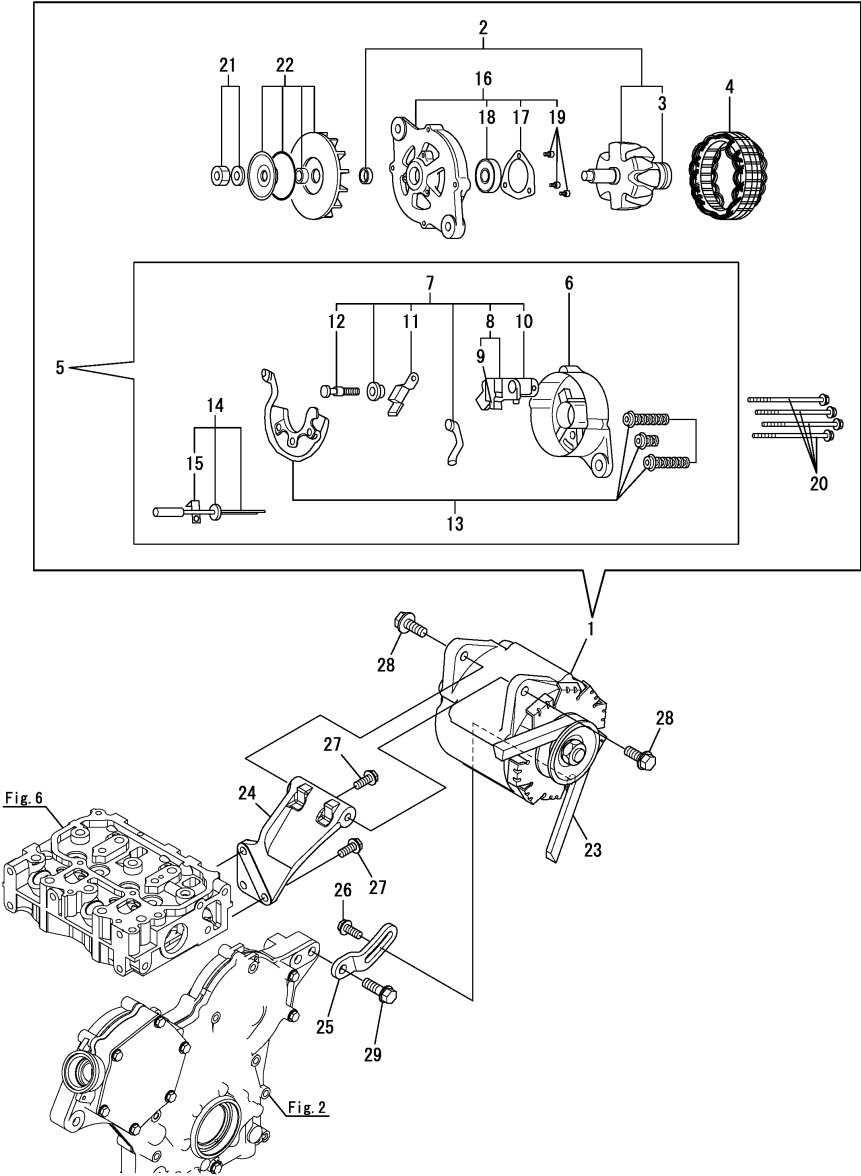
(D)=  
(E)=  
(F)=



| No. | Lev. | Parts No.    | Description                           | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------------------------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |                                       | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 128271-77200 | GENERATOR, 12V-60A<br>(A=E/#E08826)   | 1    |     |     |     |     |     |   | Z |
| 2   | 2    | 123900-77700 | ROTOR ASSY                            | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129612-77710 | BEARING, BALL                         | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 128271-77720 | BRACKET(STATOR+REGUL                  | 1    |     |     |     |     |     |   |   |
| 5   | 2    | 123900-77730 | BRACKET ASSY                          | 1    |     |     |     |     |     |   |   |
| 6   | 2    | 128271-77740 | PULLEY                                | 1    |     |     |     |     |     |   |   |
| 7   | 2    | 128271-77750 | SCREW KIT                             | 1    |     |     |     |     |     |   |   |
| 8   | 1    | 119831-42290 | V-BELT, A37.5                         | 1    |     |     |     |     |     |   |   |
| 8-1 | 1    | 129612-42290 | V-BELT, A37.5<br>(A=E/#E11906)        | 1    |     |     |     |     |     |   | R |
| 8-2 | 1    | 129612-42290 | V-BELT, A37.5<br>(A=E/#E08826)        | 1    |     |     |     |     |     |   | Z |
| 9   | 1    | 128890-77310 | BRACKET<br>(A=E/#E08826)              | 1    |     |     |     |     |     |   | Z |
| 10  | 1    | 128990-77330 | ADJUSTER<br>(A=E/#E08826)             | 1    |     |     |     |     |     |   | Z |
| 11  | 1    | 26106-080202 | BOLT, M8X 20 PLATED<br>(A=E/#E08826)  | 1    |     |     |     |     |     |   | Z |
| 12  | 1    | 26106-080252 | BOLT, M8X 25 PLATED<br>(A=E/#E08826)  | 3    |     |     |     |     |     |   | Z |
| 13  | 1    | 26106-100252 | BOLT, M10X 25 PLATED<br>(A=E/#E08826) | 2    |     |     |     |     |     |   | Z |
| 14  | 1    | 26106-100302 | BOLT, M10X 30 PLATED<br>(A=E/#E08826) | 1    |     |     |     |     |     |   | Z |

Remarks  
\* This item was abolished.  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.

Fig.32. GENERATOR(HITACHI/80A)(UP TO E/#E11905)



(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

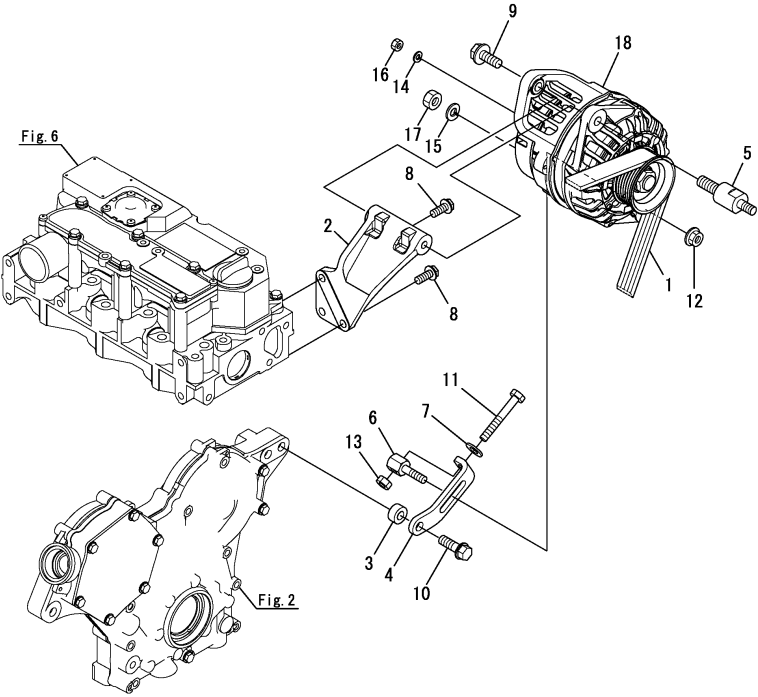
| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 119573-77201 | ALTERNATER(12V-80A   | 1    |     |     |     |     |     |   |   |
| 2             | 2    | XL180G61000  | ROTOR ASSY           | 1    |     |     |     |     |     |   |   |
| 3             | 3    | 119129-77320 | BEARING, BALL        | 1    |     |     |     |     |     |   |   |
| 4             | 2    | XL180120000  | STATOR ASSY          | 1    |     |     |     |     |     |   |   |
| 5             | 2    | XL180G63006  | COVER ASSY, REAR     | 1    |     |     |     |     |     |   |   |
| 6             | 3    | XL180G13012  | COVER, REAR          | 1    |     |     |     |     |     |   |   |
| 7             | 3    | XL180G43150  | BRUSH ASSY,REGULATOR | 1    |     |     |     |     |     |   |   |
| 8             | 4    | XL155G1330   | BRUSH ASSY           | 1    |     |     |     |     |     |   |   |
| 9             | 5    | XL225G1325   | BRUSH SET            | 2    |     |     |     |     |     |   |   |
| 10            | 4    | 124080-77390 | REGULATOR ASSY       | 1    |     |     |     |     |     |   |   |
| 11            | 4    | XL225431800  | CONDENSER ASSY       | 1    |     |     |     |     |     |   |   |
| 12            | 4    | 124080-77520 | BOLT M5              | 2    |     |     |     |     |     |   |   |
| 13            | 3    | XL1808320    | DIODE ASY            | 1    |     |     |     |     |     |   |   |
| 14            | 3    | 119129-77250 | WIRE, LEAD           | 1    |     |     |     |     |     |   |   |
| 15            | 4    | 119129-77260 | CLAMP                | 1    |     |     |     |     |     |   |   |
| 16            | 2    | XL235340110  | COVER ASSY, FRONT    | 1    |     |     |     |     |     |   |   |
| 17            | 3    | XL150M14041  | RETAINER             | 1    |     |     |     |     |     |   |   |
| 18            | 3    | X6303BM0000  | BEARING, BALL        | 1    |     |     |     |     |     |   |   |
| 19            | 3    | 119129-77930 | SCREW KIT            | 1    |     |     |     |     |     |   |   |
| 20            | 2    | 119129-77890 | BOLT, THROUGH        | 4    |     |     |     |     |     |   |   |
| 21            | 2    | 119129-77900 | NUT ASSY, PULLEY     | 1    |     |     |     |     |     |   |   |
| 22            | 2    | XL180G85001  | PULLEY ASSY          | 1    |     |     |     |     |     |   |   |
| 23            | 1    | 119831-42290 | V-BELT, A37.5        | 1    |     |     |     |     |     |   |   |
| 23-1          | 1    | 129612-42290 | V-BELT, A37.5        | 1    |     |     |     |     |     |   | R |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |   |
| 24            | 1    | 128890-77310 | BRACKET              | 1    |     |     |     |     |     |   |   |
| 25            | 1    | 128990-77330 | ADJUSTER             | 1    |     |     |     |     |     |   |   |
| 26            | 1    | 26106-080202 | BOLT, M8X 20 PLATED  | 1    |     |     |     |     |     |   |   |
| 27            | 1    | 26106-080252 | BOLT, M8X 25 PLATED  | 3    |     |     |     |     |     |   |   |
| 28            | 1    | 26106-100252 | BOLT, M10X 25 PLATED | 2    |     |     |     |     |     |   |   |
| 29            | 1    | 26106-100302 | BOLT, M10X 30 PLATED | 1    |     |     |     |     |     |   |   |

Remarks  
\* This item is applicable to [(A)=E/#E11905] or previous machines(Refer to Fig.41).  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.

Fig.41. (32A)GENERATOR(VALEO)(FROM E/#E11906)

(A)=3YM20  
(B)=  
(C)=

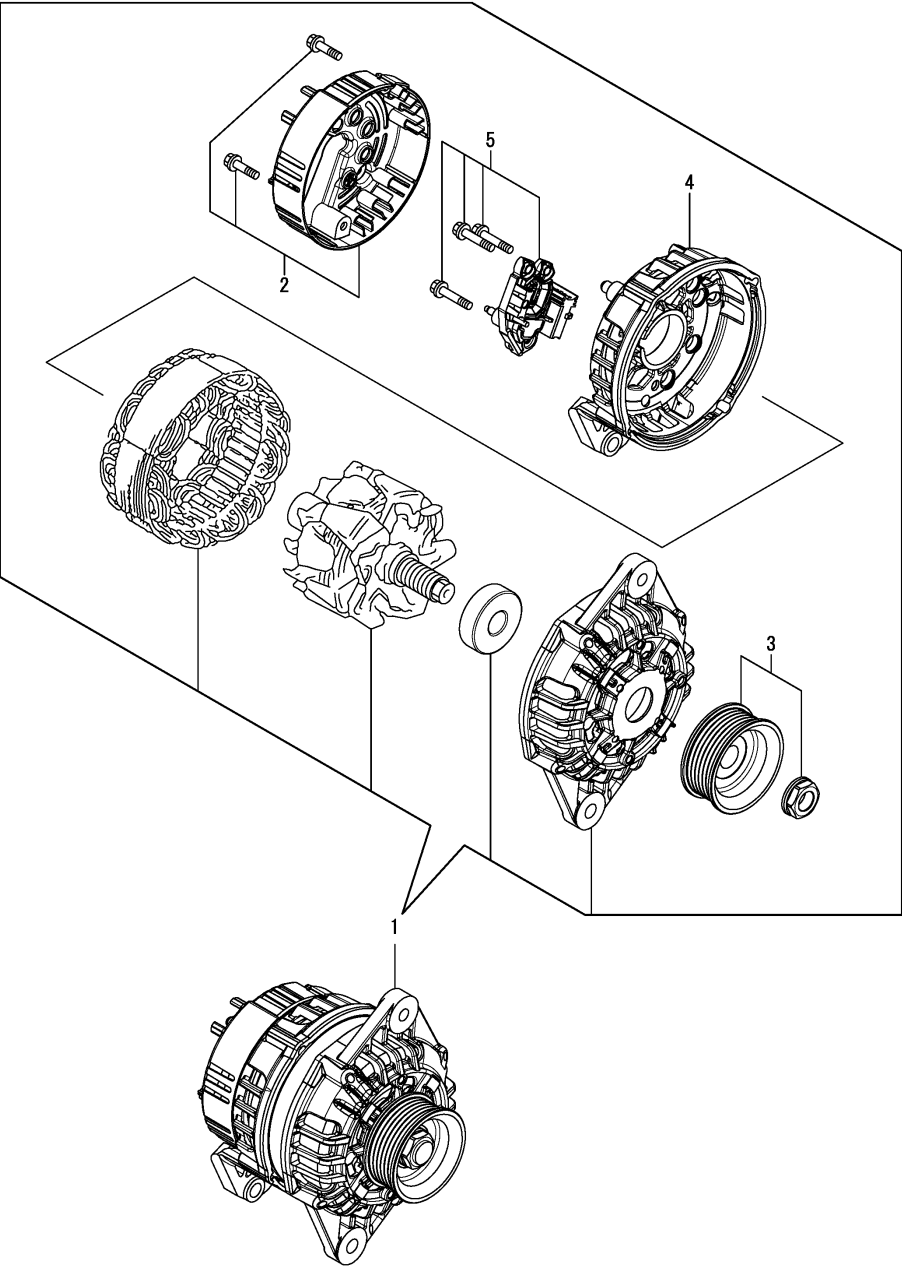
(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 128790-77580 | BELT,ALTERNATOR 6PK  | 1    |     |     |     |     |     |   |     |
| 2             | 1    | 128890-77310 | BRACKET              | 1    |     |     |     |     |     |   |     |
| 3             | 1    | 128990-77320 | SPACER,ADJUSTER      | 1    |     |     |     |     |     |   |     |
| 4             | 1    | 128990-77341 | ADJUSTER, BELT       | 1    |     |     |     |     |     |   |     |
| 5             | 1    | 128990-77410 | BOLT                 | 1    |     |     |     |     |     |   |     |
| 6             | 1    | 129271-77641 | BOLT,ADJUSTER        | 1    |     |     |     |     |     |   |     |
| 7             | 1    | 22137-080000 | WASHER, 8            | 1    |     |     |     |     |     |   |     |
| 8             | 1    | 26106-080252 | BOLT, M8X 25 PLATED  | 3    |     |     |     |     |     |   |     |
| 9             | 1    | 26106-100302 | BOLT, M10X 30 PLATED | 1    |     |     |     |     |     |   |     |
| 10            | 1    | 26106-100402 | BOLT, M10X 40 PLATED | 1    |     |     |     |     |     |   |     |
| 11            | 1    | 26116-080604 | BOLT, M8X 60 PLATED  | 1    |     |     |     |     |     |   |     |
| 12            | 1    | 26366-080002 | NUT, M8              | 1    |     |     |     |     |     |   |     |
| 13            | 1    | 26716-080002 | NUT, M8              | 1    |     |     |     |     |     |   |     |
| 14            | 1    | 22217-050000 | WASHER, SPRING 5     | 2    |     |     |     |     |     |   |     |
| 15            | 1    | 22217-080000 | WASHER, SPRING 8     | 1    |     |     |     |     |     |   |     |
| 16            | 1    | 26716-050002 | NUT, M5              | 2    |     |     |     |     |     |   |     |
| 17            | 1    | 26716-080002 | NUT, M8              | 1    |     |     |     |     |     |   |     |
| 17-1          | 1    | 26756-080002 | NUT, 8               | 1    |     |     |     |     |     |   | N   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |     |
| 18            | 1    | 128990-77250 | ALTERNATOR,12V-120A  | 1    |     |     |     |     |     |   | W 1 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |

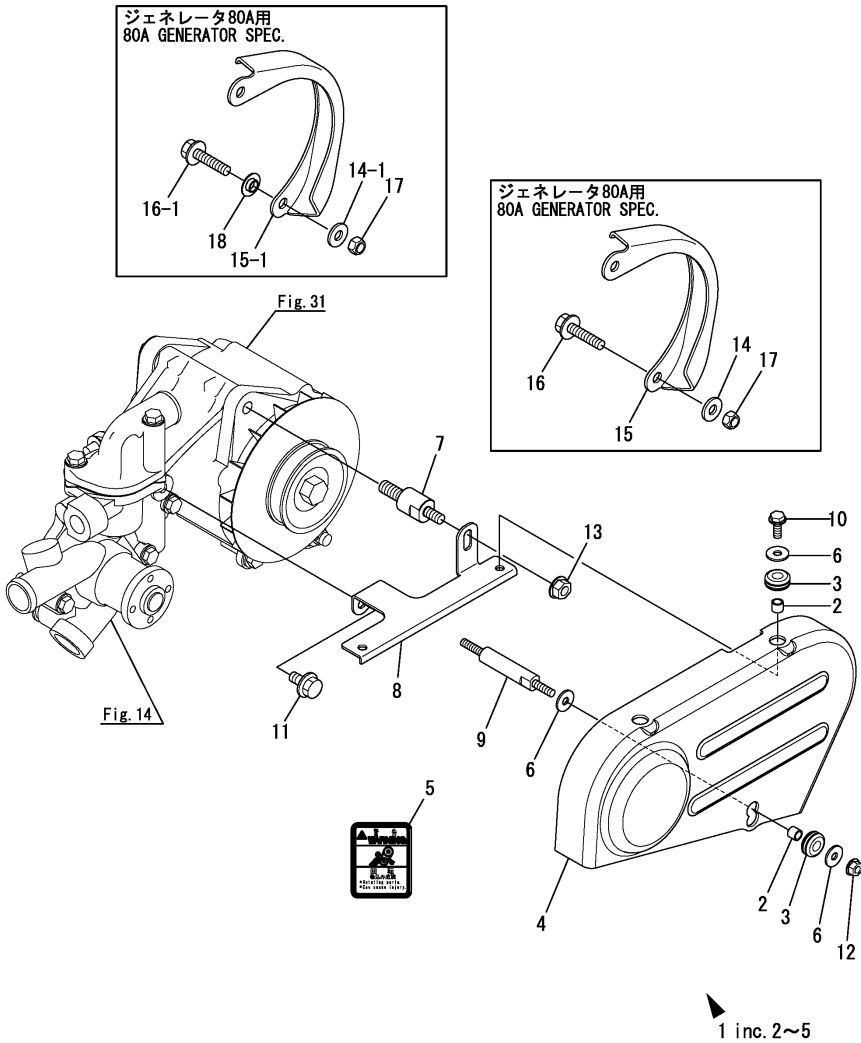
Remarks  
\* This item is applicable to [(A)=E/#E11906] or following machines(Refer to Fig.32).  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.  
(1)Inner parts are shown in Fig.44.

Fig.44. (32B)GENERATOR(INNER PARTS)



| OCR10-M57002 Fig.44 |      |              |                      |     |     |     |     |     |     |   |   |
|---------------------|------|--------------|----------------------|-----|-----|-----|-----|-----|-----|---|---|
| (A)=3YM20 (D)=      |      |              |                      |     |     |     |     |     |     |   |   |
| (B)= (E)=           |      |              |                      |     |     |     |     |     |     |   |   |
| (C)= (F)=           |      |              |                      |     |     |     |     |     |     |   |   |
| Q'ty                |      |              |                      |     |     |     |     |     |     |   |   |
| No.                 | Lev. | Parts No.    | Description          | (A) | (B) | (C) | (D) | (E) | (F) | I | R |
| 1                   | 1    | 128990-77250 | ALTERNATOR,12V-125A  | 1   |     |     |     |     |     |   |   |
| 2                   | 2    | 128990-77700 | COVER, REAR          | 1   |     |     |     |     |     |   |   |
| 3                   | 2    | 128990-77730 | PULLEY               | 1   |     |     |     |     |     |   |   |
| 4                   | 2    | 128990-77770 | RECTIFIER,12V BRACKE | 1   |     |     |     |     |     |   |   |
| 5                   | 2    | 128990-77780 | REGULATOR,12V SCREW  | 1   |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |
|                     |      |              |                      |     |     |     |     |     |     |   |   |

Fig.33. COVER(V-BELT)

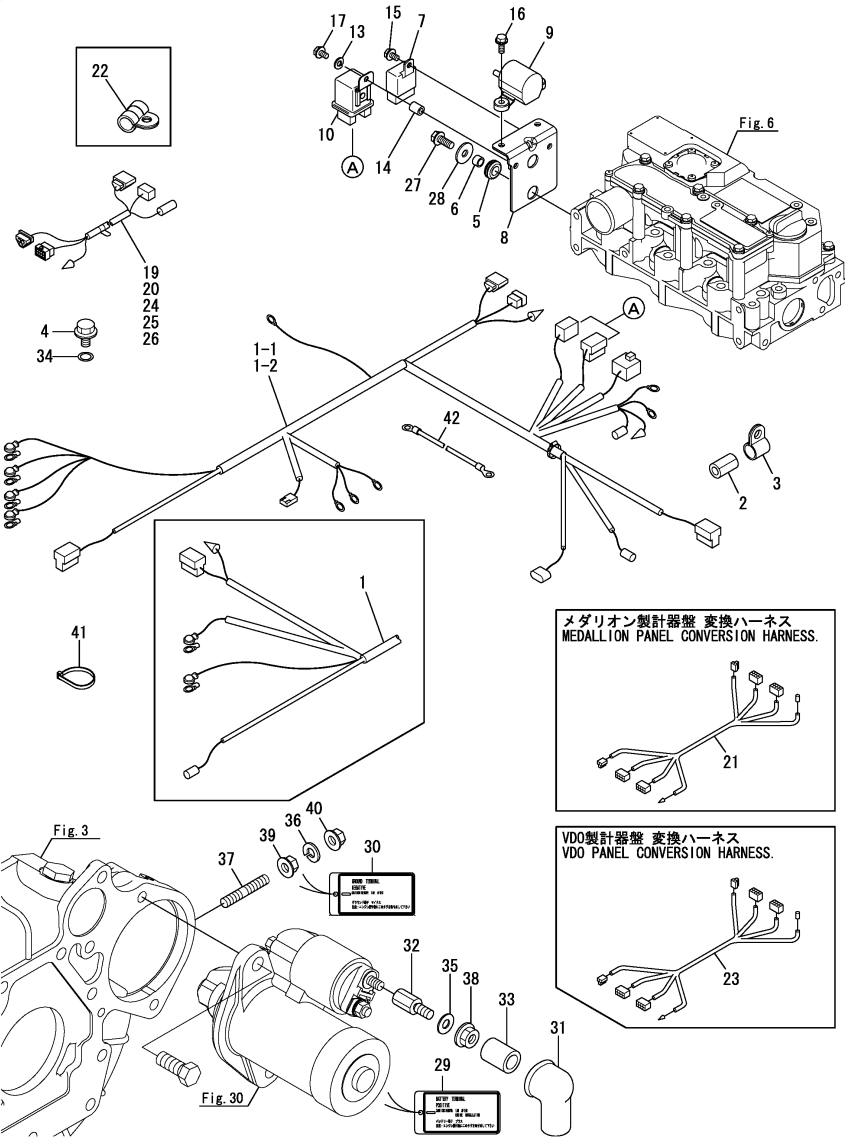


| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 128990-77460 | COVER,BELT CMP      | 1    |     |     |     |     |     |   | W |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 2             | 2    | 128990-77440 | COLLAR              | 3    |     |     |     |     |     |   |   |
| 2-1           | 2    | 128990-77441 | COLLAR, M6          | 3    |     |     |     |     |     |   | N |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 3             | 2    | 120270-67120 | GROMMET             | 3    |     |     |     |     |     |   |   |
| 3-1           | 2    | 128990-77600 | GROMMET             | 3    |     |     |     |     |     |   | R |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 4             | 2    | 128990-77480 | COVER               | 1    |     |     |     |     |     |   | W |
| (A=E/#E00184) |      |              |                     |      |     |     |     |     |     |   |   |
| 5             | 2    | 128377-07350 | LABEL, CAUTION      | 1    |     |     |     |     |     |   | W |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 6             | 1    | 128990-77510 | WASHER              | 4    |     |     |     |     |     |   |   |
| 7             | 1    | 128990-77410 | BOLT                | 1    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 8             | 1    | 128990-77450 | BRACKET             | 1    |     |     |     |     |     |   |   |
| 9             | 1    | 128990-77470 | BOLT                | 1    |     |     |     |     |     |   |   |
| 10            | 1    | 26106-060162 | BOLT, M6X 16 PLATED | 2    |     |     |     |     |     |   |   |
| 11            | 1    | 26106-080162 | BOLT, M8X 16 PLATED | 1    |     |     |     |     |     |   |   |
| 12            | 1    | 26366-060002 | NUT, M6             | 1    |     |     |     |     |     |   |   |
| 13            | 1    | 26366-080002 | NUT, M8             | 1    |     |     |     |     |     |   |   |
| 14            | 1    | 128990-77500 | WASHER              | 1    |     |     |     |     |     |   |   |
| 14-1          | 1    | 128990-77500 | WASHER              | 2    |     |     |     |     |     |   | K |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |   |
| 14-2          | 1    | 128990-77500 | WASHER              | 2    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 15            | 1    | 128990-77490 | COVER               | 1    |     |     |     |     |     |   | W |
| (A=E/#E00184) |      |              |                     |      |     |     |     |     |     |   |   |
| 15-1          | 1    | 128990-77491 | COVER               | 1    |     |     |     |     |     |   | N |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |   |
| 15-2          | 1    | 128990-77491 | COVER               | 1    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 16            | 1    | 26106-080352 | BOLT, M8X 35 PLATED | 1    |     |     |     |     |     |   |   |
| 16-1          | 1    | 26106-080354 | BOLT, M8X 35 PLATED | 1    |     |     |     |     |     |   | N |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |   |
| 16-2          | 1    | 26106-080354 | BOLT, M8X 35 PLATED | 1    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 17            | 1    | 26986-080002 | NUT, LOCK M8        | 2    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |
| 18            | 1    | 128990-77540 | SPACER              | 2    |     |     |     |     |     |   | W |
| (A=E/#E08826) |      |              |                     |      |     |     |     |     |     |   |   |
| 18-1          | 1    | 128990-77540 | SPACER              | 2    |     |     |     |     |     |   | Z |
| (A=E/#E11906) |      |              |                     |      |     |     |     |     |     |   |   |

Fig.34. WIRE HARNESS & RELAY

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=



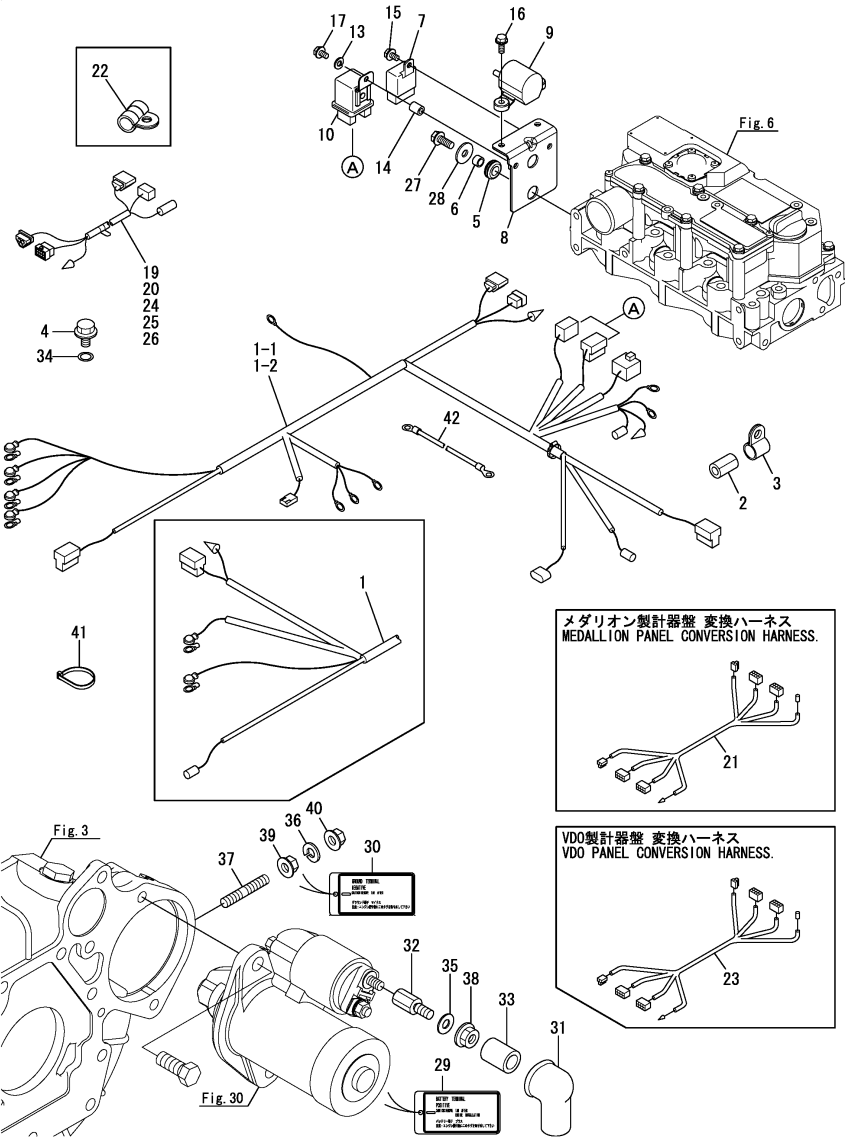
| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 1             | 1    | 128990-77920 | HARNESS, WIRE        | 1    |     |     |     |     |     |   | 1   |
| 1-1           | 1    | 128990-77921 | HARNESS, WIRE ENGINE | 1    |     |     |     |     |     | S | 2   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 1-2           | 1    | 128990-77922 | HARNESS, WIRE ENGINE | 1    |     |     |     |     |     | F | 5   |
| (A=E/#E14030) |      |              |                      |      |     |     |     |     |     |   |     |
| 2             | 1    | 124770-77940 | PROTECTOR            | 1    |     |     |     |     |     |   |     |
| 2-1           | 1    | 129670-77940 | PROTECTOR            | 1    |     |     |     |     |     |   | R   |
| (A=*2007.11.) |      |              |                      |      |     |     |     |     |     |   |     |
| 2-2           | 1    | 129670-77940 | PROTECTOR            | 1    |     |     |     |     |     |   | Z   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 3             | 1    | 124070-77950 | CLAMP                | 1    |     |     |     |     |     |   |     |
| 3-1           | 1    | 121575-49310 | RETAINER, PIPE       | 1    |     |     |     |     |     |   | R   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 3-2           | 1    | 121575-49310 | RETAINER, PIPE       | 1    |     |     |     |     |     |   | Z   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 4             | 1    | 26106-080142 | BOLT, M8X 14 PLATED  | 1    |     |     |     |     |     |   |     |
| 4-1           | 1    | 26106-080122 | BOLT, 8 X 12         | 1    |     |     |     |     |     |   | N   |
| (A=E/#E14902) |      |              |                      |      |     |     |     |     |     |   |     |
| 5             | 1    | 105100-55501 | ABSORBER             | 2    |     |     |     |     |     |   |     |
| 5-1           | 1    | 128990-77610 | GROMMET              | 2    |     |     |     |     |     |   | R   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |     |
| 6             | 1    | 128990-77430 | COLLAR               | 2    |     |     |     |     |     |   |     |
| 7             | 1    | 119247-77100 | RELAY, POWER         | 1    |     |     |     |     |     |   |     |
| 8             | 1    | 128890-77400 | BRACKET, RELAY       | 1    |     |     |     |     |     |   |     |
| 9             | 1    | 120270-77511 | RELAY, MAGNETIC      | 1    |     |     |     |     |     |   |     |
| 9-1           | 1    | 128990-77550 | RELAY, MAGNETIC      | 1    |     |     |     |     |     |   | N   |
| (A=E/#E13624) |      |              |                      |      |     |     |     |     |     |   |     |
| 10            | 1    | 128990-77910 | RELAY, GROW          | 1    |     |     |     |     |     |   |     |
| 10-1          | 1    | 128990-77911 | RELAY ASSY, GLOW     | 1    |     |     |     |     |     |   | N   |
| (A=*2010.12.) |      |              |                      |      |     |     |     |     |     |   |     |
| 13            | 1    | 22217-060000 | WASHER, 6            | 1    |     |     |     |     |     |   |     |
| 14            | 1    | 128990-42180 | COLLAR               | 1    |     |     |     |     |     |   |     |
| 15            | 1    | 26106-060102 | BOLT, M6X 10 PLATED  | 1    |     |     |     |     |     |   |     |
| 16            | 1    | 26106-060162 | BOLT, M6X 16 PLATED  | 2    |     |     |     |     |     |   |     |
| 17            | 1    | 26106-060252 | BOLT, M6X 25 PLATED  | 1    |     |     |     |     |     |   |     |
| 19            | 1    | 128391-77700 | HARNESS, WIRE        | 1    |     |     |     |     |     |   |     |
| 20            | 1    | 128391-77720 | HARNESS, WIRE        | 1    |     |     |     |     |     |   |     |
| 21            | 1    | 164100-23900 | HARNESS, CONVERSION  | 1    |     |     |     |     |     |   | W   |
| (A=E/#E11446) |      |              |                      |      |     |     |     |     |     |   |     |
| 21-1          | 1    | 164100-23900 | HARNESS, CONVERSION  | 1    |     |     |     |     |     |   | Z 3 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 22            | 1    | 129672-49050 | RETAINER,CSW         | 1    |     |     |     |     |     |   | W   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 23            | 1    | 164100-23910 | HARNESS,CONV         | 1    |     |     |     |     |     |   | W 4 |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 24            | 1    | 164100-22820 | HARNESS,EXT 4M       | 1    |     |     |     |     |     |   | W   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 25            | 1    | 164100-22830 | HARNESS,EXT 6M       | 1    |     |     |     |     |     |   | W   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |
| 26            | 1    | 164100-22840 | HARNESS,EXT 10M      | 1    |     |     |     |     |     |   | W   |
| (A=E/#E11906) |      |              |                      |      |     |     |     |     |     |   |     |

Remarks  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.  
(1)It is made by YAZAKI.  
(2)It is made by DEUTSCH : VALEO generator specification.  
(3)For MEDALLION.  
(4)For VDO : VALEO generator specification.  
(5)No.1-2 & 42 interchangeable by set.

Fig.34. WIRE HARNESS & RELAY

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=



| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R   |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|-----|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |     |
| 27            | 1    | 26106-080202 | BOLT, M8X 20 PLATED | 2    |     |     |     |     |     |   |     |
| 28            | 1    | 22157-080000 | WASHER, 8           | 2    |     |     |     |     |     |   |     |
| 29            | 1    | 129677-07450 | LABEL, BATTERY+     | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 30            | 1    | 129677-07460 | LABEL, GROUND-      | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 31            | 1    | 129670-77030 | COVER, TERMINAL B   | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 32            | 1    | 119175-77500 | BOLT,STARTER        | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 33            | 1    | 128991-77800 | COVER, TERMINAL     | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 34            | 1    | 22190-080002 | WASHER, SEAL 8      | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 35            | 1    | 22217-080000 | WASHER, 8           | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 36            | 1    | 22217-080000 | WASHER, 8           | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 37            | 1    | 26216-080302 | STUD,BOLT 8 X 30    | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 38            | 1    | 26366-080002 | NUT, 8              | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 39            | 1    | 26366-080002 | NUT, 8              | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 40            | 1    | 26366-080002 | NUT, 8              | 1    |     |     |     |     |     |   | W   |
| (A=E/#E14902) |      |              |                     |      |     |     |     |     |     |   |     |
| 41            | 1    | 29621-200001 | BAND, 200           | 3    |     |     |     |     |     |   | W   |
| (A=*2017.11.) |      |              |                     |      |     |     |     |     |     |   |     |
| 42            | 1    | 128990-77940 | HARNESS,ALT-STARTER | 1    |     |     |     |     |     |   | W 5 |
| (A=E/#E14030) |      |              |                     |      |     |     |     |     |     |   |     |

Remarks  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.  
(1)It is made by YAZAKI.  
(2)It is made by DEUTSCH : VALEO generator specification.  
(3)For MEDALLION.  
(4)For VDO : VALEO generator specification.  
(5)No.1-2 & 42 interchangeable by set.

Fig.45. (34A)WIRE HARNESS (2-PANEL SPEC.)

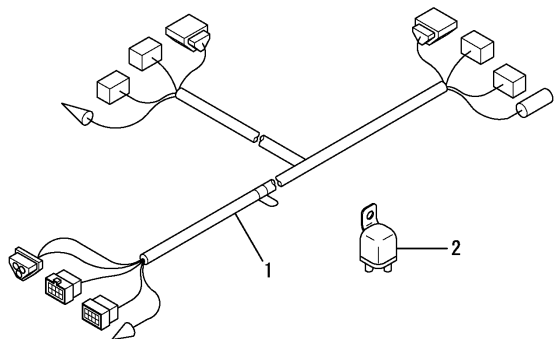
[illegible]



Fig.46. (34B)ELECTRIC PARTS

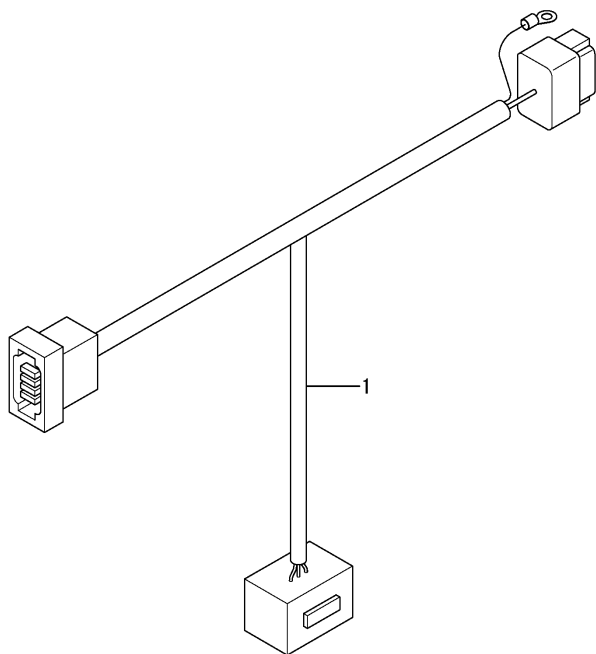
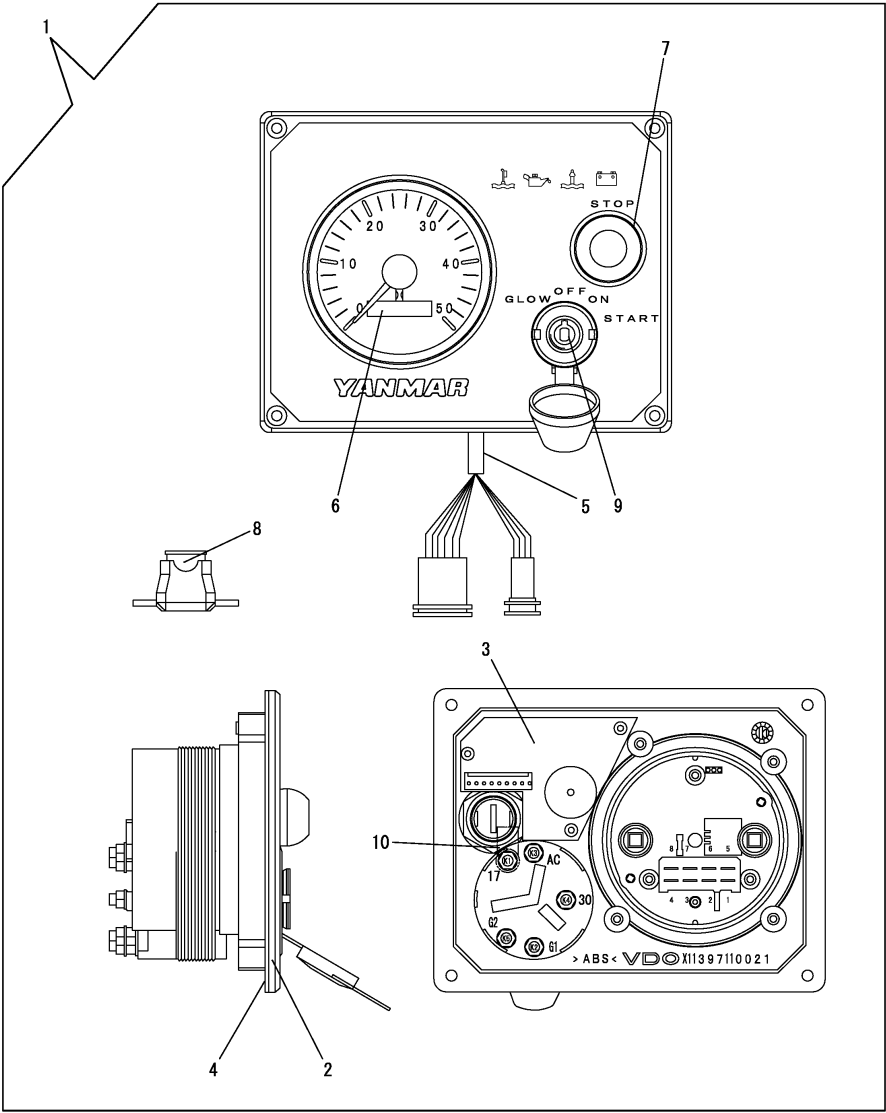
[illegible]

Fig.35. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)



(A)=3YM20  
(B)=  
(C)=

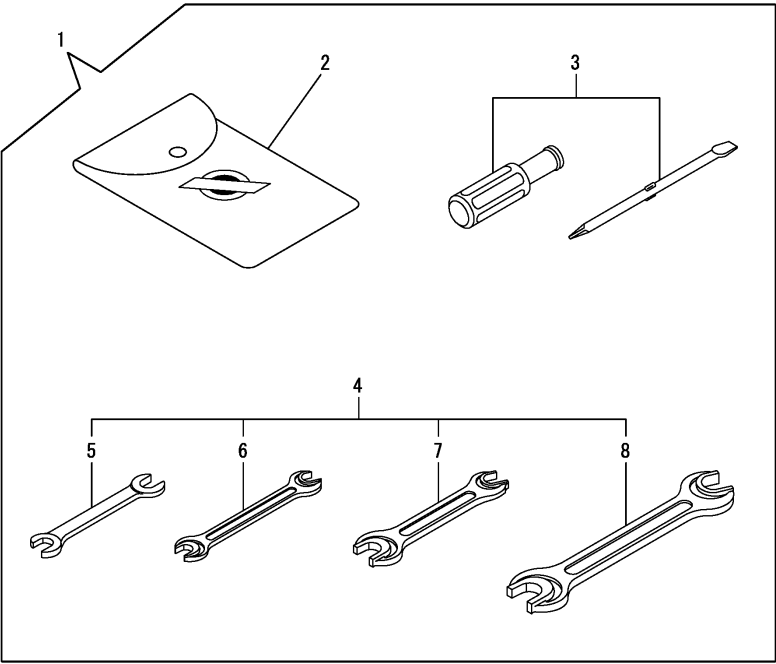
(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 129271-91110 | PANEL, INSTRUMENT B  | 1    |     |     |     |     |     |   |   |
| 1-1           | 1    | 129271-91111 | PANEL, INSTRUMENT B  | 1    |     |     |     |     |     |   | N |
| (A=*2005.12.) |      |              |                      |      |     |     |     |     |     |   |   |
| 1-2           | 1    | 129271-91112 | PANEL                | 1    |     |     |     |     |     |   | N |
| (A=*2008.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 1-3           | 1    | 129271-91113 | PANEL, INSTRUMENT B  | 1    |     |     |     |     |     |   | N |
| (A=*2009.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 2             | 2    | 129271-91120 | PANEL WITH COVERFOIL | 1    |     |     |     |     |     |   |   |
| 3             | 2    | 129271-91130 | CIRCUIT              | 1    |     |     |     |     |     |   |   |
| 3-1           | 2    | 129271-91131 | CIRCUIT WITH LED&BZR | 1    |     |     |     |     |     |   | N |
| (A=*2008.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 3-2           | 2    | 129271-91132 | CIRCUIT WITH LED&BZR | 1    |     |     |     |     |     |   | N |
| (A=*2009.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 4             | 2    | 129271-91140 | SEAL                 | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 129271-91150 | HARNESS, WIRE        | 1    |     |     |     |     |     |   |   |
| 6             | 2    | 129271-91210 | TACHOMETER           | 1    |     |     |     |     |     |   |   |
| 6-1           | 2    | 129271-91211 | TACHOMETER (AN)10.29 | 1    |     |     |     |     |     |   | N |
| (A=*2009.09.) |      |              |                      |      |     |     |     |     |     |   |   |
| 7             | 2    | 129271-91220 | SWITCH, STOP         | 1    |     |     |     |     |     |   |   |
| 8             | 2    | 129271-91230 | FUSE                 | 1    |     |     |     |     |     |   |   |
| 9             | 2    | 127412-91250 | SWITCH, KEY          | 1    |     |     |     |     |     |   |   |
| 10            | 2    | 129271-91260 | CAP, RUBBER M5       | 1    |     |     |     |     |     |   | W |
| (A=*2005.12.) |      |              |                      |      |     |     |     |     |     |   |   |

Remarks

\* This item is applicable to [(A)=Dec., 2011] or previous machines(Refer to Fig.40).  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.

Fig.36. TOOL

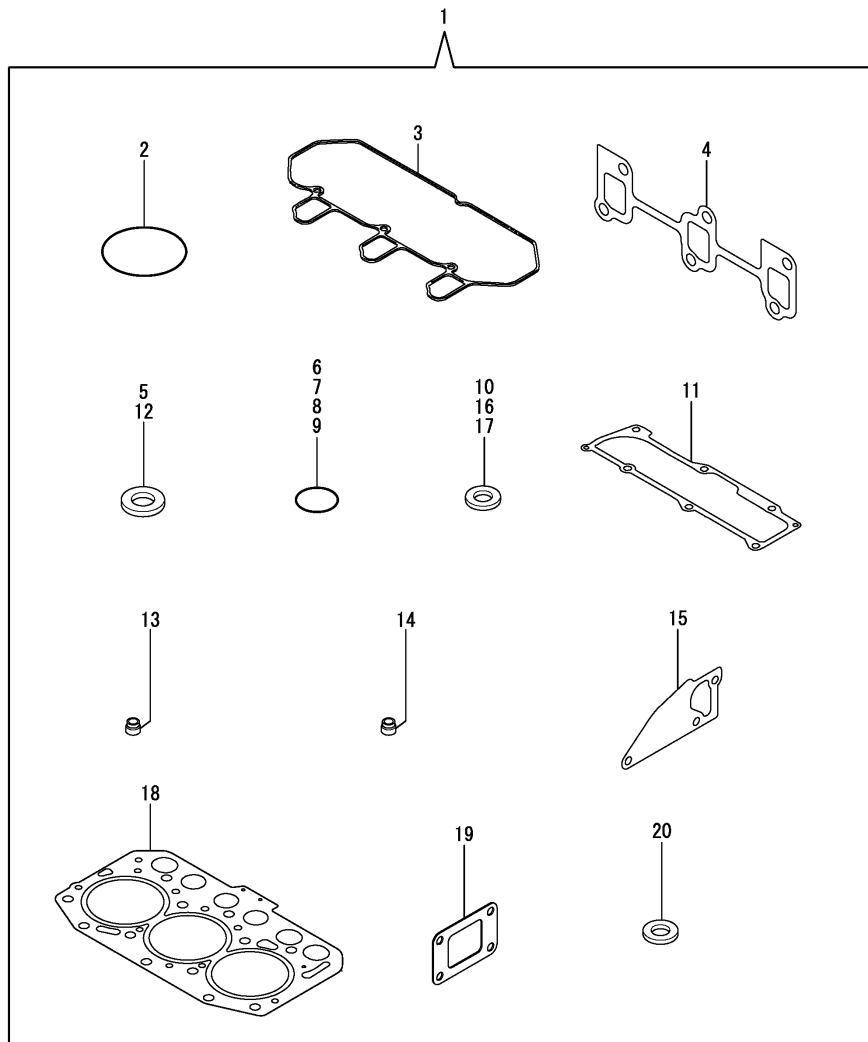


(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

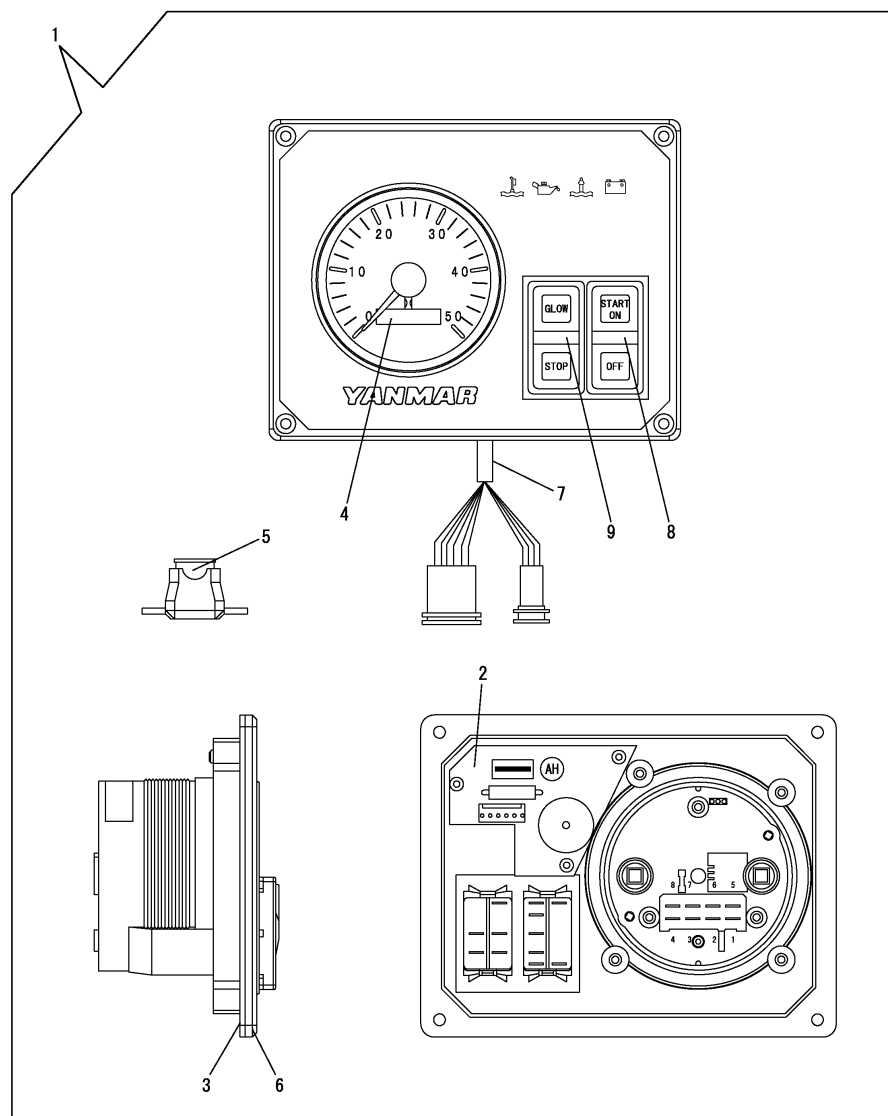
| No. | Lev. | Parts No.    | Description   | Q'ty |     |     |     |     |     | I | R |
|-----|------|--------------|---------------|------|-----|-----|-----|-----|-----|---|---|
|     |      |              |               | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1    | 129270-92100 | BOX, TOOL     | 1    |     |     |     |     |     |   |   |
| 2   | 2    | 129270-92600 | BAG, TOOL     | 1    |     |     |     |     |     |   |   |
| 3   | 2    | 129270-92650 | DRIVER        | 1    |     |     |     |     |     |   |   |
| 4   | 2    | 129270-92690 | WRENCH ASSY   | 1    |     |     |     |     |     |   |   |
| 5   | 3    | 129270-92610 | WRENCH, 10X13 | 1    |     |     |     |     |     |   |   |
| 6   | 3    | 129270-92620 | WRENCH, 12X14 | 1    |     |     |     |     |     |   |   |
| 7   | 3    | 129270-92630 | WRENCH, 17X19 | 1    |     |     |     |     |     |   |   |
| 8   | 3    | 129270-92640 | WRENCH, 22X24 | 1    |     |     |     |     |     |   |   |

Fig.37. GASKET SET(OPTIONAL)



| No.  | Lev. | Parts No.    | Description          | Q'ty |     |     |     |     |     |
|------|------|--------------|----------------------|------|-----|-----|-----|-----|-----|
|      |      |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |
| 1    | 1    | 728890-92600 | GASKET SET           | 1    |     |     |     |     |     |
| 2    | 2    | 121850-51960 | O-RING               | 1    |     |     |     |     |     |
| 3    | 2    | 119515-11310 | GASKET, BONNET       | 1    |     |     |     |     |     |
| 4    | 2    | 119717-13110 | GASKET, EXH.MANIFOLD | 1    |     |     |     |     |     |
| 5    | 2    | 22190-080002 | WASHER, SEAL 8       | 6    |     |     |     |     |     |
| 6    | 2    | 24311-000320 | O-RING, 1AP32.0      | 2    |     |     |     |     |     |
| 7    | 2    | 119717-32060 | O-RING, P15.0        | 1    |     |     |     |     |     |
| 8    | 2    | 119624-32040 | O-RING, P12.0        | 1    |     |     |     |     |     |
| 9    | 2    | 119717-32050 | O-RING, P17.0        | 3    |     |     |     |     |     |
| 10   | 2    | 119600-11460 | GASKET, NOZZLE       | 6    |     |     |     |     |     |
| 11   | 2    | 119515-11330 | GASKET               | 1    |     |     |     |     |     |
| 12   | 2    | 22190-160002 | WASHER, SEAL 16      | 2    |     |     |     |     |     |
| 13   | 2    | 119717-11340 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |
| 14   | 2    | 119717-11350 | SEAL, VALVE STEM     | 3    |     |     |     |     |     |
| 15   | 2    | 119515-42020 | GASKET, WATER PUMP   | 1    |     |     |     |     |     |
| 16   | 2    | 23414-080000 | GASKET, 8X1.0        | 1    |     |     |     |     |     |
| 17   | 2    | 124465-44950 | GASKET, 16           | 2    |     |     |     |     |     |
| 18   | 2    | 119515-01330 | GASKET, HEAD         | 1    |     |     |     |     |     |
| 18-1 | 2    | 119515-01331 | GASKET, HEAD         | 1    |     |     |     |     | N   |
| 19   | 2    | 128370-13201 | GASKET               | 1    |     |     |     |     |     |
| 20   | 2    | 129150-49360 | GASKET               | 1    |     |     |     |     |     |

Fig.39. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)



| No. | Lev.          | Parts No.    | Description          | Q'ty |     |     |     |     |     | I | R |
|-----|---------------|--------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|     |               |              |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1   | 1             | 129271-91300 | PANEL                | 1    |     |     |     |     |     |   | W |
|     | (A=*2007.04.) |              |                      |      |     |     |     |     |     |   |   |
| 1-1 | 1             | 129271-91301 | PANEL                | 1    |     |     |     |     |     |   | N |
|     | (A=*2008.09.) |              |                      |      |     |     |     |     |     |   |   |
| 1-2 | 1             | 129271-91302 | PANEL,B KEYLESS      | 1    |     |     |     |     |     |   | N |
|     | (A=*2009.09.) |              |                      |      |     |     |     |     |     |   |   |
| 2   | 2             | 129271-91130 | CIRCUIT              | 1    |     |     |     |     |     |   |   |
| 2-1 | 2             | 129271-91131 | CIRCUIT WITH LED&BZR | 1    |     |     |     |     |     |   | N |
|     | (A=*2008.09.) |              |                      |      |     |     |     |     |     |   |   |
| 2-2 | 2             | 129271-91132 | CIRCUIT WITH LED&BZR | 1    |     |     |     |     |     |   | N |
|     | (A=*2009.09.) |              |                      |      |     |     |     |     |     |   |   |
| 3   | 2             | 129271-91140 | SEAL                 | 1    |     |     |     |     |     |   |   |
| 4   | 2             | 129271-91210 | TACHOMETER           | 1    |     |     |     |     |     |   |   |
| 4-1 | 2             | 129271-91211 | TACHOMETER (AN)10.29 | 1    |     |     |     |     |     |   | N |
|     | (A=*2009.09.) |              |                      |      |     |     |     |     |     |   |   |
| 5   | 2             | 129271-91230 | FUSE                 | 1    |     |     |     |     |     |   |   |
| 6   | 2             | 129271-91310 | PANEL WITH COVERFOIL | 1    |     |     |     |     |     |   |   |
| 7   | 2             | 129271-91320 | HARNESS,B KEYLESS    | 1    |     |     |     |     |     |   |   |
| 8   | 2             | 129271-91330 | SWITCH,OFF/START     | 1    |     |     |     |     |     |   |   |
| 9   | 2             | 129271-91340 | SWITCH,GLOW/STOP     | 1    |     |     |     |     |     |   |   |

Remarks

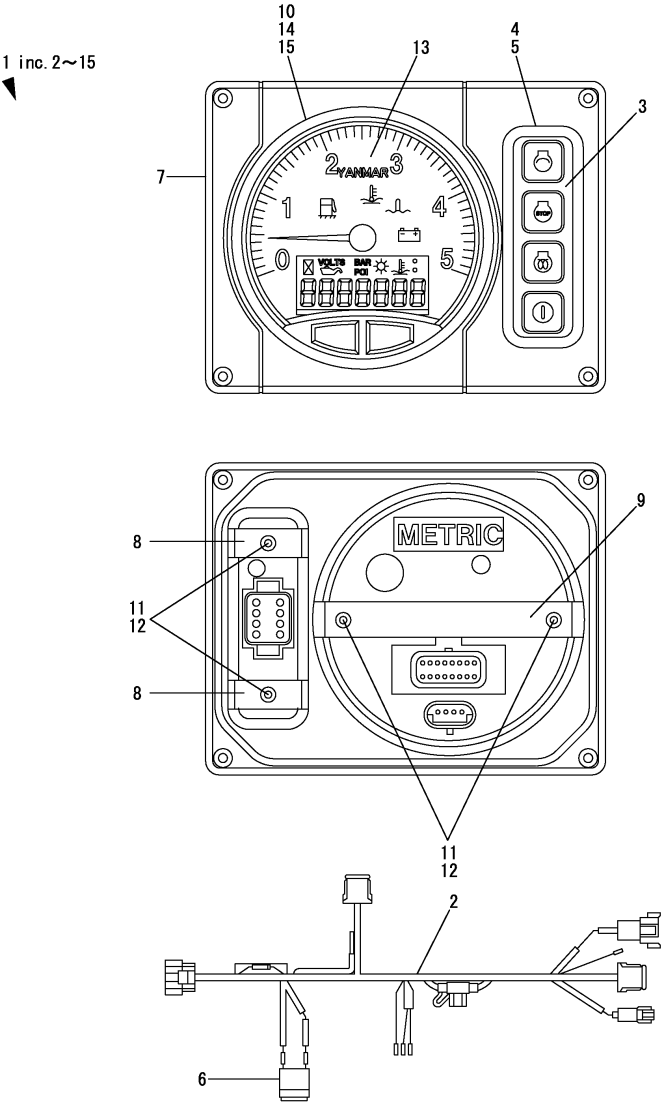
\* This item is applicable to [(A)=Dec., 2011] or previous machines(Refer to Fig.40).

\* Refer to Fig.42 for the combination of generator, wire harness, and panel.

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

Copyright (C) 2018 YANMAR CO., LTD. All Rights Reserved.

Fig.40. INSTRUMENT PANEL(MEDALLION)(FROM JAN. 2012)



| No.  | Lev. | Parts No.                     | Description          | Q'ty |     |     |     |     |     | I | R |
|------|------|-------------------------------|----------------------|------|-----|-----|-----|-----|-----|---|---|
|      |      |                               |                      | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1    | 1    | 164100-30100<br>(A=E/#E11446) | PANEL ASSY, B20      | 1    |     |     |     |     |     |   | W |
| 1-1  | 1    | 164100-30101<br>(A=*2012.06.) | PANEL ASSY, B20      | 1    |     |     |     |     |     |   | N |
| 1-2  | 1    | 164100-30102<br>(A=E/#E20848) | PANEL ASSY, B20 MD   | 1    |     |     |     |     |     | S | 1 |
| 1-3  | 1    | 164100-30103<br>(A=E/#E13022) | PANEL ASSY, B20 MD   | 1    |     |     |     |     |     |   | N |
| 1-4  | 1    | 164100-30104<br>(A=E/#E13926) | PANEL ASSY, B20 MD   | 1    |     |     |     |     |     |   | N |
| 2    | 2    | 164100-21100                  | HARNESS, PANEL       | 1    |     |     |     |     |     |   |   |
| 3    | 2    | 164100-31100                  | SWITCH, PANEL        | 1    |     |     |     |     |     |   |   |
| 3-1  | 2    | 164100-31101<br>(A=*2012.06.) | SWITCH, PANEL MD     | 1    |     |     |     |     |     |   | N |
| 3-2  | 2    | 164100-31102<br>(A=E/#E13926) | SWITCH, PANEL MD     | 1    |     |     |     |     |     |   | N |
| 4    | 2    | 164100-31150                  | GASKET, SWITCH MD    | 1    |     |     |     |     |     |   |   |
| 5    | 2    | 164100-31900                  | BEZEL, SWITCH BK MD  | 1    |     |     |     |     |     |   |   |
| 6    | 2    | 164100-36100                  | BUZZER, PANEL        | 1    |     |     |     |     |     |   |   |
| 7    | 2    | 164100-39100                  | FRAME, PANEL B       | 1    |     |     |     |     |     |   |   |
| 8    | 2    | 164100-39120                  | BRACKET, SWITCH      | 2    |     |     |     |     |     |   |   |
| 9    | 2    | 164100-39130                  | BRACKET, GAUGE 5     | 1    |     |     |     |     |     |   |   |
| 9-1  | 2    | 164100-39131<br>(A=E/#E20848) | BRACKET, GAUGE 5 MD  | 1    |     |     |     |     |     | S | 1 |
| 10   | 2    | 164100-39150                  | CAP, GAUGE TERMINAL  | 1    |     |     |     |     |     |   |   |
| 11   | 2    | 164100-39180                  | WASHER, LOCK         | 4    |     |     |     |     |     |   |   |
| 12   | 2    | 164100-39190                  | NUT, M3.5            | 4    |     |     |     |     |     |   |   |
| 13   | 2    | 164100-53100                  | GAUGE, TACH LCD 5    | 1    |     |     |     |     |     |   |   |
| 13-1 | 2    | 164100-53101<br>(A=*2012.06.) | GAUGE, TACH LCD 5 MD | 1    |     |     |     |     |     |   | N |
| 13-2 | 2    | 164100-53102<br>(A=E/#E20848) | GAUGE, TACH LCD 5 MD | 1    |     |     |     |     |     | S | 1 |
| 13-3 | 2    | 164100-53103<br>(A=E/#E13022) | GAUGE, TACH LCD 5 MD | 1    |     |     |     |     |     |   | N |
| 14   | 2    | 164100-53150                  | GASKET, GAUGE 5 MD   | 1    |     |     |     |     |     |   |   |
| 15   | 2    | 164100-53900                  | BEZEL, GAUGE 5 BK MD | 1    |     |     |     |     |     |   |   |

Remarks  
\* This item is applicable to [(A)=Jan., 2012] or following machines(Refer to Fig.34).  
\* Refer to Fig.42 for the combination of generator, wire harness, and panel.  
(1)Valeo generator specification.

Fig.42. COMBINATION OF GENERATOR, WIRE HARNESS, AND PANEL

(A)=3YM20  
(B)=  
(C)=  
(D)=  
(E)=  
(F)=

|                               | ジェネレータ(オルタネータ)<br>GENERATOR(ALTERNATOR) |                  |                  | エンジンハーネス<br>ENGINE WIRE HARNESS                |                                                  | 延長ハーネス<br>EXT. WIRE HARNESS |                  |                  |                  | 変換ハーネス<br>CONV. WIRE HARNESS                   | パネル<br>PANEL     |                     |                  |                  |
|-------------------------------|-----------------------------------------|------------------|------------------|------------------------------------------------|--------------------------------------------------|-----------------------------|------------------|------------------|------------------|------------------------------------------------|------------------|---------------------|------------------|------------------|
| 見出番号<br>Ref. No.              | No.1                                    | No.2             | No.3             | No.10                                          | No.11                                            | No.20                       | No.21            | No.22            | No.23            | No.30                                          | No.40            | No.41               | No.42            | No.43            |
| 部品番号<br>PARTS NUMBER          | 128271<br>-77200                        | 119573<br>-77201 | 128990<br>-77250 | 128990<br>-77920                               | 128990<br>-77921                                 | 128391<br>-77700            | 128391<br>-77720 | 164100<br>-22820 | 164100<br>-22830 | 164100<br>-23900                               | 129271<br>-91113 | 129271<br>-91302    | 164100<br>-30101 | 164100<br>-30102 |
| 仕様<br>SPECIFICATION           | 12V-60A                                 | 12V-80A          | 12V-120A         | —                                              | —                                                | 3m                          | 6m               | 4m               | 6m               | —                                              | B                | B キーレス<br>B KEYLESS | B20              | B20              |
| メーカー<br>MAKER                 | HITACHI                                 | HITACHI          | VALEO            | —                                              | —                                                | —                           | —                | —                | —                | —                                              | VDO              | VDO                 | MEDALLION        | MEDALLION        |
| コネクタメーカー<br>CONNECTOR'S MAKER | (YAZAKI)                                | (YAZAKI)         | (YAZAKI)         | ALTERNATOR:<br>YAZAKI<br>PANEL SIDE:<br>YAZAKI | ALTERNATOR:<br>YAZAKI<br>PANEL SIDE:<br>AMPHENOL | YAZAKI                      | YAZAKI           | AMPHENOL         | AMPHENOL         | END SIDE:<br>YAZAKI<br>PANEL SIDE:<br>AMPHENOL | YAZAKI           | YAZAKI              | AMPHENOL         | AMPHENOL         |
| 生産年<br>PRODUCTION YEAR        | 2004                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                |                     |                  |                  |
|                               | 2005                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                |                     |                  |                  |
|                               | 2006                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                |                     |                  |                  |
|                               | 2007                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                | ○                   |                  |                  |
|                               | 2008                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                | ○                   |                  |                  |
|                               | 2009                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                | ○                   |                  |                  |
|                               | 2010                                    | ●                | ○                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                | ○                   |                  |                  |
|                               | 2011                                    |                  | ●                | ●                                              |                                                  | ○                           | ○                |                  |                  |                                                | ○                | ○                   |                  |                  |
|                               | 2012                                    |                  | ●                | ●                                              |                                                  | ○                           | ○                |                  |                  | ●                                              |                  |                     | ○                | (○)※1            |
|                               | 2013                                    |                  | ●                | ●                                              |                                                  | ○                           | ○                |                  |                  | ●                                              |                  |                     | ○                | (○)※1            |
|                               | 2014                                    |                  |                  | ●                                              | ●                                                |                             |                  | ○                | ○                |                                                |                  |                     |                  | ○                |

● : 標準 STANDARD , ○ : オプション OPTION

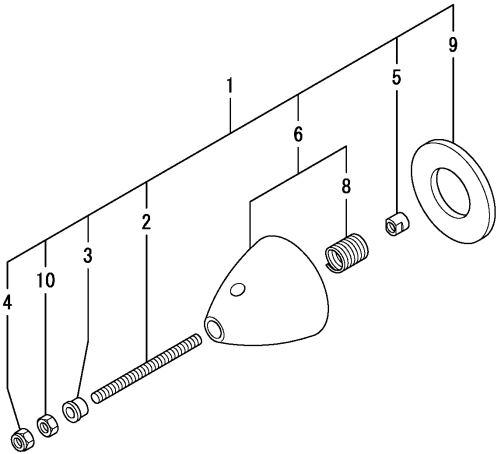
※1: オルタネータ回転数信号に対するパルス値の設定を変更する必要があります。  
※1: It is necessary to change a setup of the pulse value over an alternator number-of-rotations signal.

Fig.47. PROPELLER NUT

(A)=3YM20  
(B)=  
(C)=

(D)=  
(E)=  
(F)=

| No.           | Lev. | Parts No.    | Description         | Q'ty |     |     |     |     |     | I | R |
|---------------|------|--------------|---------------------|------|-----|-----|-----|-----|-----|---|---|
|               |      |              |                     | (A)  | (B) | (C) | (D) | (E) | (F) |   |   |
| 1             | 1    | 796420-09200 | PROP NUT ASY,SPARE  | 1    |     |     |     |     |     |   | W |
| (A=E/#E13624) |      |              |                     |      |     |     |     |     |     |   |   |
| 2             | 2    | 196440-09150 | BOLT M8X105         | 1    |     |     |     |     |     |   |   |
| 3             | 2    | 196440-09160 | SPACER              | 1    |     |     |     |     |     |   |   |
| 4             | 2    | 196440-09170 | NYLON NUT           | 1    |     |     |     |     |     |   |   |
| 5             | 2    | 196440-09180 | NUT 8               | 1    |     |     |     |     |     |   |   |
| 6             | 2    | 196420-09200 | NUT ASSY, PROPELLER | 1    |     |     |     |     |     |   |   |
| 8             | 3    | 26273-160151 | INSERT, 16 X 1.5D   | 1    |     |     |     |     |     |   |   |
| 9             | 2    | 196420-09220 | WASHER, PROPELLER   | 1    |     |     |     |     |     |   |   |
| 10            | 2    | 26793-080002 | NUT, 8              | 1    |     |     |     |     |     |   |   |





## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 101304-59020 | 23       | 29       |
| 101720-55750 | 24       | 8        |
| 103854-39140 | 23       | 33       |
| 104214-13580 | 8        | 10       |
|              |          | 22       |
| 104214-83980 | 29       | 13       |
| 104264-59020 | 24       | 15       |
| 104500-55710 | 24       | 5        |
| 104511-78780 | 13       | 25 -1    |
| 105010-11490 | 6        | 5        |
| 105100-55501 | 34       | 5        |
| 105311-01090 | 1        | 7        |
| 105430-55041 | 25       | 8        |
| 105583-85900 | 29       | 12       |
| 110250-55610 | 24       | 4        |
| 114250-39450 | 12       | 6        |
| 118200-53010 | 23       | 2        |
| 118400-51370 | 20       | 56       |
| 119025-51520 | 20       | 67 -1    |
| 119125-51370 | 20       | 56 -1    |
| 119125-51900 | 20       | 90 -1    |
| 119129-77250 | 32       | 14       |
| 119129-77260 | 32       | 15       |
| 119129-77320 | 32       | 3        |
| 119129-77890 | 32       | 20       |
| 119129-77900 | 32       | 21       |
| 119129-77930 | 32       | 19       |
| 119172-59201 | 24       | 16       |
| 119175-77500 | 34       | 32       |
| 119247-77100 | 34       | 7        |
| 119285-01990 | 1        | 9        |
| 119285-11990 | 6        | 14       |
| 119285-66650 | 21       | 139      |
| 119305-35170 | 12       | 2        |
| 119415-51100 | 20       | 10       |
| 119515-01200 | 1        | 30       |
| 119515-01330 | 1        | 31       |
|              | 37       | 18       |
| 119515-01331 | 1        | 31 -1    |
|              | 37       | 18 -1    |
| 119515-01720 | 3        | 7        |
| 119515-11100 | 6        | 16       |
| 119515-11101 | 6        | 16 -1    |
| 119515-11110 | 6        | 17       |
| 119515-11200 | 6        | 24       |
| 119515-11240 | 6        | 25       |
| 119515-11280 | 6        | 29       |
| 119515-11310 | 6        | 48       |
|              | 37       | 3        |
| 119515-11320 | 6        | 49       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119515-11330 | 6        | 50       |
|              | 37       | 11       |
| 119515-11380 | 6        | 37       |
| 119515-11750 | 6        | 6        |
| 119515-11800 | 6        | 12       |
| 119515-14400 | 9        | 2        |
| 119515-14580 | 9        | 3        |
| 119515-14581 | 9        | 3 -1     |
| 119515-21700 | 10       | 1        |
| 119515-22080 | 10       | 16       |
| 119515-22300 | 10       | 22       |
| 119515-22500 | 10       | 18       |
| 119515-22550 | 10       | 34       |
| 119515-22900 | 10       | 32       |
| 119515-23000 | 10       | 24       |
| 119515-23001 | 10       | 24 -1    |
| 119515-23600 | 10       | 30       |
| 119515-23601 | 10       | 30 -1    |
| 119515-23610 | 10       | 38       |
| 119515-23611 | 10       | 38 -1    |
| 119515-42020 | 14       | 13       |
|              | 37       | 15       |
| 119515-42041 | 14       | 3        |
| 119515-53000 | 23       | 1        |
| 119515-53001 | 23       | 1 -1     |
| 119515-53010 | 23       | 3        |
| 119515-59540 | 23       | 13       |
| 119515-61440 | 21       | 20 -1    |
| 119527-61700 | 21       | 129      |
| 119540-42000 | 14       | 1        |
| 119546-59810 | 23       | 9        |
| 119546-59820 | 23       | 10       |
| 119546-59830 | 23       | 11       |
| 119573-77201 | 32       | 1        |
|              | 42       | 2        |
| 119600-11460 | 6        | 4        |
|              | 37       | 10       |
| 119620-01750 | 3        | 12       |
| 119620-01800 | 2        | 9        |
| 119620-02020 | 1        | 10       |
| 119620-14200 | 9        | 1        |
| 119620-21941 | 10       | 15       |
| 119620-49290 | 14       | 29       |
| 119620-59700 | 23       | 22       |
| 119621-21680 | 10       | 14       |
| 119621-21681 | 10       | 14 -1    |
| 119623-01250 | 1        | 8        |
| 119624-32040 | 2        | 19       |
|              | 37       | 8        |
| 119660-01911 | 2        | 18       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119660-61300 | 21       | 76       |
| 119660-61901 | 21       | 65       |
| 119717-01501 | 2        | 1        |
| 119717-01521 | 2        | 6        |
| 119717-01570 | 2        | 3        |
| 119717-01590 | 2        | 4        |
| 119717-01750 | 2        | 31       |
| 119717-02410 | 1        | 13       |
| 119717-02411 | 1        | 13 -1    |
| 119717-02930 | 1        | 27       |
| 119717-03031 | 6        | 38       |
| 119717-03070 | 6        | 39       |
|              |          | 40       |
| 119717-11131 | 6        | 18       |
| 119717-11190 | 6        | 20       |
| 119717-11260 | 6        | 28       |
| 119717-11340 | 6        | 21       |
|              | 37       | 13       |
| 119717-11350 | 6        | 22       |
|              | 37       | 14       |
| 119717-11650 | 6        | 30       |
| 119717-13110 | 15       | 1        |
|              | 37       | 4        |
| 119717-21200 | 10       | 6        |
| 119717-23200 | 10       | 29       |
| 119717-23910 | 10       | 28       |
| 119717-25050 | 9        | 10       |
| 119717-25100 | 9        | 11       |
| 119717-25101 | 9        | 11 -1    |
| 119717-25930 | 9        | 16       |
| 119717-32050 | 2        | 20       |
|              | 37       | 9        |
| 119717-32060 | 12       | 3        |
|              | 37       | 7        |
| 119717-32080 | 2        | 11       |
| 119717-32100 | 2        | 10       |
| 119717-32110 | 2        | 15       |
| 119717-32120 | 2        | 16       |
| 119717-35140 | 12       | 1 -1     |
| 119717-39210 | 12       | 7        |
| 119717-42031 | 14       | 4        |
| 119717-42320 | 14       | 11       |
| 119717-51030 | 20       | 6        |
| 119717-51060 | 20       | 7        |
| 119717-51070 | 20       | 8        |
| 119717-51150 | 20       | 14       |
| 119717-51180 | 20       | 16       |
| 119717-51190 | 20       | 17       |
| 119717-51200 | 20       | 18       |
| 119717-51201 | 20       | 18 -1    |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 119717-51300 | 20       | 45       |
| 119717-51330 | 20       | 48       |
| 119717-51420 | 20       | 88       |
| 119717-51480 | 20       | 94       |
| 119717-51481 | 20       | 94 -1    |
| 119717-51490 | 20       | 95       |
| 119717-51491 | 20       | 95 -1    |
| 119717-51500 | 20       | 66       |
| 119717-51570 | 20       | 16 -1    |
| 119717-51710 | 20       | 77       |
| 119717-51711 | 20       | 77 -1    |
| 119717-51750 | 20       | 78       |
| 119717-51760 | 20       | 79       |
| 119717-51761 | 20       | 79 -1    |
| 119717-51860 | 20       | 92 -1    |
| 119717-51930 | 21       | 68 -1    |
| 119717-61050 | 21       | 2        |
| 119717-61060 | 21       | 3        |
| 119717-61070 | 21       | 4        |
| 119717-61100 | 21       | 5        |
| 119717-61120 | 21       | 8        |
| 119717-61130 | 21       | 9        |
| 119717-61140 | 21       | 10       |
| 119717-61150 | 21       | 10 A     |
| 119717-61200 | 21       | 72       |
| 119717-61201 | 21       | 72 -1    |
| 119717-61400 | 21       | 13       |
| 119717-61440 | 21       | 20       |
| 119717-61500 | 21       | 29       |
| 119717-77800 | 6        | 58       |
| 119717-77801 | 6        | 58 -1    |
| 119740-42350 | 14       | 26       |
| 119740-61470 | 21       | 87 -1    |
| 119773-59511 | 23       | 20       |
| 119773-91850 | 45       | 2        |
| 119802-03100 | 6        | 41       |
| 119802-03110 | 6        | 42       |
| 119802-03121 | 6        | 43       |
| 119802-03131 | 6        | 44       |
| 119802-03141 | 6        | 45       |
| 119802-32130 | 2        | 17       |
| 119810-02940 | 1        | 32       |
| 119810-02941 | 1        | 32 -1    |
| 119813-59950 | 23       | 23       |
| 119831-42290 | 31       | 8        |
|              | 32       | 23       |
| 119840-59570 | 23       | 12       |
| 119C10-42000 | 14       | 1 -1     |
| 119C10-42320 | 14       | 11 -1    |
| 120270-67120 | 33       | 3        |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 120270-77511 | 34       | 9        |
| 121111-21501 | 10       | 8        |
| 121120-01620 | 3        | 11       |
| 121370-55601 | 24       | 3 -1     |
| 121370-55730 | 24       | 7        |
| 121450-42450 | 3        | 2        |
|              | 14       | 23 -1    |
| 121574-86320 | 26       | 14       |
|              | 28       | 2        |
| 121575-49310 | 16       | 4        |
|              | 34       | 3 -1     |
|              |          | 3 -2     |
| 121575-66830 | 21       | 21 -1    |
| 121750-59890 | 24       | 21       |
| 121750-59910 | 48       | 17       |
| 121850-51960 | 2        | 21       |
|              | 37       | 2        |
| 122710-51090 | 20       | 9        |
| 123310-77640 | 30       | 26       |
| 123325-35140 | 48       | 12       |
| 123325-35160 | 48       | 2        |
| 123325-35170 | 48       | 3        |
| 123672-55760 | 48       | 6        |
| 123678-55890 | 48       | 10       |
| 123682-07852 | 5        | 5 A      |
| 123900-77700 | 31       | 2        |
| 123900-77730 | 31       | 5        |
| 124060-01050 | 1        | 6        |
| 124070-13300 | 8        | 7        |
|              |          | 19       |
| 124070-13520 | 8        | 6        |
| 124070-42400 | 13       | 22       |
|              | 43       | 22       |
| 124070-77950 | 34       | 3        |
| 124080-77390 | 32       | 10       |
| 124080-77520 | 32       | 12       |
| 124085-02220 | 3        | 13       |
| 124101-49530 | 14       | 17       |
| 124160-01751 | 2        | 29       |
|              | 6        | 55       |
| 124160-01910 | 1        | 5        |
| 124195-77770 | 30       | 23       |
| 124223-49050 | 16       | 6        |
| 124465-44950 | 3        | 5        |
|              | 14       | 21       |
|              |          | 22       |
|              |          | 32       |
|              |          | 38       |
|              | 37       | 17       |
| 124550-51350 | 20       | 49       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 124550-77030 | 30       | 25       |
| 124770-77940 | 34       | 2        |
| 124950-21600 | 10       | 12       |
| 124976-34850 | 11       | 7        |
| 127412-91250 | 35       | 9        |
| 128170-13600 | 8        | 3        |
| 128170-86501 | 26       | 12       |
| 128171-81510 | 27       | 2        |
| 128171-81520 | 27       | 1        |
| 128171-81530 | 27       | 3        |
| 128270-12540 | 7        | 5        |
| 128271-77200 | 31       | 1        |
|              | 42       | 1        |
| 128271-77720 | 31       | 4        |
| 128271-77740 | 31       | 6        |
| 128271-77750 | 31       | 7        |
| 128275-39710 | 12       | 12       |
| 128296-07190 | 5        | 6        |
| 128296-07400 | 5        | 7        |
| 128296-07420 | 5        | 8        |
| 128296-07450 | 5        | 9        |
| 128296-07460 | 5        | 10       |
| 128370-13201 | 8        | 1        |
|              |          | 16       |
|              |          | 28       |
|              | 37       | 19       |
| 128370-13600 | 8        | 5        |
| 128370-13610 | 8        | 11       |
| 128377-07150 | 5        | 4        |
| 128377-07260 | 5        | 2        |
| 128377-07350 | 5        | 5 C      |
|              | 33       | 5        |
| 128377-08120 | 4        | 3        |
| 128377-08130 | 4        | 4        |
| 128377-08340 | 4        | 7        |
| 128377-08341 | 4        | 7 -1     |
| 128377-08350 | 4        | 8        |
|              |          | 9        |
| 128377-08351 | 4        | 8 -1     |
|              |          | 9 -1     |
| 128391-77700 | 34       | 19       |
|              | 42       | 20       |
| 128391-77720 | 34       | 20       |
|              | 42       | 21       |
| 128397-13530 | 8        | 2        |
| 128397-44500 | 15       | 22       |
| 128397-44510 | 15       | 24       |
| 128790-77580 | 41       | 1        |
| 128890-01750 | 3        | 1        |
| 128890-08100 | 4        | 1 -1     |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 128890-13530 | 8        | 2 -1     |
| 128890-13590 | 8        | 6 A      |
| 128890-13600 | 8        | 5 A      |
| 128890-35080 | 12       | 4        |
| 128890-55020 | 14       | 36       |
|              |          | 36 -1    |
|              |          | 45       |
| 128890-59040 | 23       | 31       |
| 128890-59041 | 23       | 31 -1    |
| 128890-59060 | 24       | 17       |
| 128890-59061 | 24       | 17 -1    |
| 128890-77310 | 31       | 9        |
|              | 32       | 24       |
|              | 41       | 2        |
| 128890-77400 | 34       | 8        |
| 128990-01650 | 3        | 10       |
| 128990-07270 | 5        | 2 -1     |
| 128990-07900 | 5        | 1        |
| 128990-07910 | 6        | 1        |
| 128990-08100 | 4        | 1        |
| 128990-08110 | 4        | 2        |
| 128990-08140 | 4        | 10       |
| 128990-08150 | 4        | 11       |
| 128990-12210 | 7        | 1        |
| 128990-12500 | 7        | 2        |
| 128990-13510 | 8        | 17       |
| 128990-13520 | 8        | 18       |
| 128990-13610 | 8        | 23       |
| 128990-21590 | 10       | 9        |
| 128990-21650 | 10       | 13       |
| 128990-21670 | 10       | 42       |
| 128990-21671 | 10       | 42 -1    |
| 128990-34850 | 11       | 1        |
| 128990-34860 | 11       | 2        |
| 128990-34900 | 5        | 5 B      |
| 128990-42150 | 13       | 21       |
| 128990-42151 | 13       | 21 -1    |
| 128990-42160 | 13       | 23       |
| 128990-42170 | 13       | 24       |
| 128990-42180 | 34       | 14       |
| 128990-42260 | 14       | 25       |
| 128990-42350 | 14       | 47       |
| 128990-42351 | 14       | 47 -1    |
| 128990-42500 | 13       | 1        |
| 128990-42510 | 13       | 1 -1     |
|              |          | 1 -2     |
| 128990-42520 | 13       | 20       |
|              | 43       | 20       |
| 128990-42550 | 13       | 3        |
|              | 43       | 3        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 128990-42560 | 13       | 8        |
|              | 43       | 8        |
| 128990-42570 | 13       | 17       |
|              | 43       | 17       |
| 128990-44070 | 15       | 10       |
| 128990-44071 | 15       | 10 -1    |
| 128990-44080 | 15       | 11       |
| 128990-44081 | 15       | 11 -1    |
| 128990-44090 | 15       | 14       |
| 128990-44100 | 15       | 15       |
| 128990-44110 | 15       | 16       |
| 128990-44120 | 15       | 17       |
| 128990-44130 | 15       | 18       |
| 128990-44400 | 15       | 19       |
| 128990-44401 | 15       | 19 -1    |
| 128990-44500 | 14       | 24 -1    |
| 128990-44900 | 15       | 2        |
| 128990-44901 | 15       | 2 -1     |
| 128990-49010 | 16       | 1        |
| 128990-49011 | 16       | 1 -1     |
| 128990-49020 | 16       | 3        |
| 128990-49021 | 16       | 3 -1     |
| 128990-49030 | 3        | 20       |
| 128990-49040 | 8        | 12       |
| 128990-49050 | 17       | 1        |
| 128990-49051 | 17       | 1 -1     |
| 128990-49060 | 17       | 3        |
| 128990-49090 | 8        | 24       |
| 128990-49110 | 16       | 2        |
|              | 17       | 2        |
| 128990-49150 | 17       | 4        |
| 128990-49161 | 17       | 7        |
|              |          | 7 -1     |
| 128990-49170 | 17       | 8        |
|              |          | 8 -1     |
| 128990-49190 | 17       | 11       |
| 128990-49320 | 14       | 33       |
|              |          | 39       |
| 128990-49330 | 14       | 34       |
| 128990-49350 | 14       | 40       |
| 128990-49351 | 14       | 40 -1    |
| 128990-49360 | 14       | 41       |
| 128990-49370 | 14       | 42       |
| 128990-49380 | 14       | 43       |
| 128990-49390 | 14       | 44       |
| 128990-49391 | 14       | 44 -1    |
| 128990-49400 | 14       | 43 -1    |
| 128990-49800 | 14       | 18       |
| 128990-55010 | 24       | 1        |
| 128990-55011 | 24       | 1 -1     |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 128990-55600 | 24       | 3        |
| 128990-59130 | 25       | 2        |
| 128990-59131 | 25       | 2 -1     |
| 128990-59150 | 24       | 11       |
| 128990-59200 | 24       | 16 -1    |
| 128990-59510 | 23       | 20 -1    |
| 128990-59530 | 24       | 12       |
| 128990-59700 | 25       | 1        |
| 128990-59890 | 17       | 12       |
|              | 24       | 21 -1    |
| 128990-59900 | 24       | 22       |
| 128990-61560 | 21       | 96       |
| 128990-67150 | 26       | 1        |
| 128990-77250 | 41       | 18       |
|              | 42       | 3        |
|              | 44       | 1        |
| 128990-77320 | 41       | 3        |
| 128990-77330 | 31       | 10       |
|              | 32       | 25       |
| 128990-77341 | 41       | 4        |
| 128990-77350 | 13       | 25       |
|              | 43       | 30 -1    |
| 128990-77410 | 33       | 7        |
|              | 41       | 5        |
| 128990-77430 | 34       | 6        |
| 128990-77440 | 33       | 2        |
| 128990-77441 | 33       | 2 -1     |
| 128990-77450 | 33       | 8        |
| 128990-77460 | 33       | 1        |
| 128990-77470 | 33       | 9        |
| 128990-77480 | 33       | 4        |
| 128990-77490 | 33       | 15       |
| 128990-77491 | 33       | 15 -1    |
|              |          | 15 -2    |
| 128990-77500 | 33       | 14       |
|              |          | 14 -1    |
|              |          | 14 -2    |
| 128990-77510 | 33       | 6        |
| 128990-77540 | 33       | 18       |
|              |          | 18 -1    |
| 128990-77550 | 34       | 9 -1     |
| 128990-77600 | 33       | 3 -1     |
| 128990-77610 | 34       | 5 -1     |
| 128990-77700 | 44       | 2        |
| 128990-77730 | 44       | 3        |
| 128990-77770 | 44       | 4        |
| 128990-77780 | 44       | 5        |
| 128990-77820 | 6        | 59       |
| 128990-77910 | 34       | 10       |
| 128990-77911 | 34       | 10 -1    |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 128990-77920 | 34       | 1        |
|              | 42       | 10       |
| 128990-77921 | 34       | 1 -1     |
|              | 42       | 11       |
| 128990-77922 | 34       | 1 -2     |
| 128990-77940 | 34       | 42       |
| 128990-81150 | 3        | 21       |
| 128990-86301 | 28       | 1        |
| 128990-86310 | 28       | 1 -1     |
| 128990-86350 | 28       | 7        |
| 128991-77800 | 34       | 33       |
| 128995-42150 | 43       | 21       |
| 128995-42170 | 43       | 29       |
| 128995-42500 | 43       | 1        |
| 129001-32320 | 2        | 13       |
| 129001-32330 | 2        | 14       |
| 129005-59830 | 12       | 8        |
| 129008-61301 | 21       | 76 -1    |
| 129051-49310 | 14       | 39 -1    |
| 129052-61390 | 21       | 12       |
| 129065-55760 | 48       | 7        |
| 129065-55770 | 48       | 8        |
| 129065-55800 | 48       | 9        |
| 129100-01580 | 3        | 9        |
|              | 10       | 2        |
| 129100-35140 | 12       | 1        |
| 129100-51570 | 20       | 72       |
| 129100-61650 | 21       | 59       |
| 129150-11230 | 6        | 31       |
| 129150-11750 | 6        | 33       |
| 129150-25301 | 9        | 15       |
| 129150-49360 | 37       | 20       |
| 129150-59120 | 23       | 4        |
| 129150-59131 | 23       | 7        |
| 129155-51020 | 20       | 5        |
| 129155-51140 | 20       | 13       |
| 129155-51280 | 20       | 43       |
|              |          | 44       |
|              | 21       | 6        |
| 129155-51400 | 20       | 58       |
| 129155-51450 | 20       | 61       |
| 129155-51521 | 20       | 67       |
| 129155-51530 | 20       | 68       |
| 129155-51540 | 20       | 69       |
| 129155-51550 | 20       | 70       |
| 129155-51580 | 20       | 74       |
| 129155-51591 | 20       | 75       |
| 129155-51600 | 20       | 23       |
| 129155-51701 | 20       | 76       |
| 129155-52051 | 22       | 2        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129155-61341 | 21       | 77       |
| 129155-61450 | 21       | 21       |
| 129155-61460 | 21       | 78       |
| 129155-61461 | 21       | 78 -1    |
| 129155-61480 | 21       | 23       |
| 129156-51910 | 20       | 81       |
| 129156-61460 | 21       | 22       |
| 129158-52000 | 22       | 1        |
| 129158-52100 | 22       | 3        |
| 129158-52101 | 22       | 3 -1     |
| 129209-61370 | 21       | 11       |
| 129209-61920 | 21       | 86 -1    |
| 129209-61930 | 21       | 130      |
| 129209-61940 | 21       | 134      |
| 129209-61960 | 21       | 136      |
| 129209-61961 | 21       | 136 -1   |
| 129209-61970 | 21       | 131      |
| 129270-44500 | 15       | 23       |
| 129270-44501 | 15       | 23 -1    |
| 129270-92100 | 36       | 1        |
| 129270-92600 | 36       | 2        |
| 129270-92610 | 36       | 5        |
| 129270-92620 | 36       | 6        |
| 129270-92630 | 36       | 7        |
| 129270-92640 | 36       | 8        |
| 129270-92650 | 36       | 3        |
| 129270-92690 | 36       | 4        |
| 129271-77641 | 41       | 6        |
| 129271-77950 | 21       | 132      |
| 129271-91110 | 35       | 1        |
| 129271-91111 | 35       | 1 -1     |
| 129271-91112 | 35       | 1 -2     |
| 129271-91113 | 35       | 1 -3     |
|              | 42       | 40       |
| 129271-91120 | 35       | 2        |
| 129271-91130 | 35       | 3        |
|              | 39       | 2        |
| 129271-91131 | 35       | 3 -1     |
|              | 39       | 2 -1     |
| 129271-91132 | 35       | 3 -2     |
|              | 39       | 2 -2     |
| 129271-91140 | 35       | 4        |
|              | 39       | 3        |
| 129271-91150 | 35       | 5        |
| 129271-91210 | 35       | 6        |
|              | 39       | 4        |
| 129271-91211 | 35       | 6 -1     |
|              | 39       | 4 -1     |
| 129271-91220 | 35       | 7        |
| 129271-91230 | 35       | 8        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129271-91230 | 39       | 5        |
| 129271-91260 | 35       | 10       |
| 129271-91300 | 39       | 1        |
| 129271-91301 | 39       | 1 -1     |
| 129271-91302 | 39       | 1 -2     |
|              | 42       | 41       |
| 129271-91310 | 39       | 6        |
| 129271-91320 | 39       | 7        |
| 129271-91330 | 39       | 8        |
| 129271-91340 | 39       | 9        |
| 129470-67200 | 26       | 2        |
| 129486-61540 | 21       | 49       |
| 129495-55610 | 48       | 4        |
| 129495-55620 | 48       | 5        |
| 129508-11180 | 6        | 19       |
| 129608-77010 | 30       | 1        |
| 129608-77110 | 30       | 4        |
| 129612-42290 | 31       | 8 -1     |
|              |          | 8 -2     |
|              | 32       | 23 -1    |
| 129612-77710 | 31       | 3        |
| 129670-13600 | 8        | 3 -1     |
| 129670-44570 | 15       | 25       |
| 129670-49500 | 17       | 6 -1     |
| 129670-55750 | 48       | 1        |
| 129670-55810 | 48       | 16       |
| 129670-77030 | 30       | 25 -1    |
|              |          | 25 -2    |
|              | 34       | 31       |
| 129670-77940 | 34       | 2 -1     |
|              |          | 2 -2     |
| 129672-49050 | 34       | 22       |
| 129673-44110 | 15       | 7        |
| 129673-44131 | 15       | 18 -1    |
| 129673-44150 | 15       | 9        |
| 129677-07450 | 34       | 29       |
| 129677-07460 | 34       | 30       |
| 129677-49950 | 7        | 8        |
|              | 8        | 29       |
|              |          | 30       |
|              | 16       | 11       |
|              |          | 13       |
|              | 17       | 10       |
| 129698-77020 | 30       | 2        |
| 129698-77101 | 30       | 3        |
| 129698-77120 | 30       | 5        |
| 129698-77130 | 30       | 7        |
| 129698-77140 | 30       | 6        |
| 129698-77150 | 30       | 8        |
| 129698-77161 | 30       | 9        |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 129698-77170 | 30       | 10       |
| 129698-77180 | 30       | 17       |
| 129698-77190 | 30       | 18       |
| 129698-77200 | 30       | 19       |
| 129698-77210 | 30       | 20       |
| 129698-77220 | 30       | 21       |
| 129698-77230 | 30       | 22       |
| 129698-77240 | 30       | 15       |
| 129698-77250 | 30       | 16       |
| 129698-77260 | 30       | 11       |
| 129698-77270 | 30       | 13       |
| 129698-77280 | 30       | 14       |
| 129900-32130 | 2        | 12       |
| 129901-11450 | 6        | 3        |
| 129901-53800 | 23       | 3 A      |
| 129901-59560 | 23       | 19       |
| 129916-49740 | 14       | 12       |
| 138603-59380 | 25       | 4        |
| 158552-61700 | 21       | 60       |
| 158552-61710 | 21       | 64       |
| 158552-61900 | 21       | 81 -1    |
| 158600-51170 | 20       | 15       |
| 158600-51270 | 20       | 42       |
| 158600-51410 | 20       | 59       |
| 158600-51420 | 20       | 60       |
| 158600-51440 | 20       | 50       |
| 158600-51441 | 20       | 50 -1    |
| 158600-51442 | 20       | 50 -2    |
| 158600-51570 | 20       | 73       |
| 158600-51790 | 20       | 80       |
| 158601-61760 | 21       | 88       |
| 158601-61790 | 21       | 88 -1    |
| 164100-21100 | 40       | 2        |
| 164100-22820 | 34       | 24       |
|              | 42       | 22       |
| 164100-22830 | 34       | 25       |
|              | 42       | 23       |
| 164100-22840 | 34       | 26       |
| 164100-23700 | 45       | 1        |
| 164100-23900 | 34       | 21       |
|              |          | 21 -1    |
|              | 42       | 30       |
| 164100-23910 | 34       | 23       |
| 164100-30100 | 40       | 1        |
| 164100-30101 | 40       | 1 -1     |
|              | 42       | 42       |
| 164100-30102 | 40       | 1 -2     |
|              | 42       | 43       |
| 164100-30103 | 40       | 1 -3     |
| 164100-30104 | 40       | 1 -4     |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 164100-31100 | 40       | 3        |
| 164100-31101 | 40       | 3 -1     |
| 164100-31102 | 40       | 3 -2     |
| 164100-31150 | 40       | 4        |
| 164100-31900 | 40       | 5        |
| 164100-36100 | 40       | 6        |
| 164100-39100 | 40       | 7        |
| 164100-39120 | 40       | 8        |
| 164100-39130 | 40       | 9        |
| 164100-39131 | 40       | 9 -1     |
| 164100-39150 | 40       | 10       |
| 164100-39180 | 40       | 11       |
| 164100-39190 | 40       | 12       |
| 164100-53100 | 40       | 13       |
| 164100-53101 | 40       | 13 -1    |
| 164100-53102 | 40       | 13 -2    |
| 164100-53103 | 40       | 13 -3    |
| 164100-53150 | 40       | 14       |
| 164100-53900 | 40       | 15       |
| 174307-51700 | 21       | 30       |
| 177070-03501 | 10       | 40       |
| 177088-02430 | 5        | 3        |
| 194250-51660 | 17       | 5        |
| 196420-02310 | 4        | 12       |
| 196420-02790 | 46       | 1        |
| 196420-09200 | 47       | 6        |
| 196420-09220 | 47       | 9        |
| 196440-09150 | 47       | 2        |
| 196440-09160 | 47       | 3        |
| 196440-09170 | 47       | 4        |
| 196440-09180 | 47       | 5        |
| 196630-12980 | 5        | 5        |
| 22117-080000 | 26       | 15       |
| 22137-060000 | 17       | 13       |
| 22137-080000 | 41       | 7        |
| 22157-080000 | 34       | 28       |
| 22190-080002 | 12       | 9        |
|              |          | 11       |
|              | 24       | 13       |
|              | 34       | 34       |
|              | 37       | 5        |
| 22190-100002 | 21       | 66       |
| 22190-120002 | 21       | 79       |
|              | 23       | 32       |
|              | 24       | 18       |
| 22190-140002 | 48       | 18       |
| 22190-160002 | 3        | 5 -1     |
|              | 11       | 4        |
|              | 20       | 82       |
|              | 37       | 12       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 22212-050000 | 28       | 3        |
| 22217-050000 | 26       | 16       |
|              | 28       | 3 -1     |
|              | 41       | 14       |
| 22217-060000 | 14       | 27       |
|              |          | 27 -1    |
|              | 20       | 83       |
|              | 34       | 13       |
| 22217-080000 | 34       | 35       |
|              |          | 36       |
|              | 41       | 15       |
| 22217-120000 | 4        | 13       |
|              | 20       | 84       |
| 22242-000100 | 26       | 6        |
| 22242-000120 | 6        | 34       |
| 22252-000220 | 10       | 23       |
| 22272-000030 | 21       | 67       |
| 22351-050010 | 20       | 85       |
| 22351-060012 | 6        | 23       |
| 22360-080000 | 26       | 7        |
| 22372-040000 | 21       | 80       |
| 22414-250150 | 26       | 7 -1     |
| 22512-040120 | 10       | 5        |
| 22724-800380 | 16       | 8        |
|              | 30       | 27       |
| 22857-500100 | 6        | 51       |
|              |          | 52       |
| 22857-500160 | 6        | 53       |
| 23000-013000 | 23       | 30 -1    |
|              | 48       | 19       |
| 23000-016000 | 23       | 21       |
|              |          | 30       |
|              | 24       | 20       |
| 23000-025000 | 8        | 13       |
|              |          | 25       |
|              | 16       | 7        |
| 23000-028000 | 8        | 25 -1    |
|              | 16       | 5        |
|              |          | 12       |
| 23000-041000 | 17       | 6        |
| 23000-060000 | 7        | 6 -1     |
| 23001-060000 | 7        | 6        |
| 23010-013000 | 15       | 26       |
| 23010-014000 | 25       | 5        |
| 23061-070300 | 15       | 20       |
| 23080-018000 | 12       | 13       |
| 23414-080000 | 14       | 14       |
|              | 37       | 16       |
| 23414-120016 | 21       | 133      |
| 23418-060000 | 24       | 9        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 23854-100000 | 14       | 35       |
| 23857-030000 | 12       | 10       |
| 23857-060000 | 24       | 19       |
| 23857-080000 | 48       | 20       |
| 23857-100000 | 11       | 5        |
| 23876-005000 | 6        | 15       |
| 23876-030000 | 2        | 8        |
| 23887-100002 | 21       | 68       |
| 23887-160002 | 14       | 23       |
| 23887-180002 | 3        | 19       |
| 24101-060034 | 20       | 86       |
| 24101-063034 | 20       | 87       |
| 24311-000120 | 48       | 13       |
| 24311-000150 | 21       | 137      |
| 24311-000160 | 21       | 137 -1   |
| 24311-000320 | 2        | 30       |
|              | 6        | 54       |
|              | 37       | 6        |
| 24316-000150 | 20       | 57       |
| 24341-000070 | 21       | 69       |
| 24341-000280 | 21       | 81       |
| 24341-000440 | 24       | 10       |
| 25111-002000 | 43       | 30       |
| 26013-060162 | 24       | 14       |
| 26013-080142 | 10       | 41       |
| 26013-100302 | 4        | 5        |
| 26022-050122 | 20       | 89       |
| 26022-060162 | 20       | 90       |
| 26106-050102 | 20       | 91       |
| 26106-060102 | 12       | 5        |
|              | 21       | 70       |
|              |          | 82       |
|              | 34       | 15       |
| 26106-060122 | 2        | 22       |
|              | 9        | 9        |
|              | 14       | 48       |
|              | 26       | 8        |
|              | 28       | 4 -2     |
| 26106-060142 | 21       | 83       |
|              | 28       | 4 -1     |
| 26106-060162 | 2        | 23       |
|              | 33       | 10       |
|              | 34       | 16       |
| 26106-060202 | 6        | 56       |
|              | 21       | 84       |
| 26106-060252 | 3        | 14       |
|              | 14       | 28 -1    |
|              |          | 28 -2    |
|              | 34       | 17       |
| 26106-060282 | 3        | 15       |

## Parts No. Index

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26106-060282 | 14       | 28       |
| 26106-060302 | 13       | 27       |
| 26106-060352 | 9        | 14       |
| 26106-060402 | 2        | 24       |
|              |          | 25       |
| 26106-060452 | 3        | 16       |
|              | 21       | 85       |
|              | 28       | 4        |
| 26106-060602 | 2        | 26       |
|              | 3        | 17       |
|              |          | 18       |
| 26106-060652 | 2        | 27       |
| 26106-060752 | 6        | 57       |
| 26106-080122 | 7        | 7        |
|              | 14       | 15       |
|              | 34       | 4 -1     |
| 26106-080142 | 6        | 2        |
|              | 34       | 4        |
| 26106-080162 | 10       | 43       |
|              | 24       | 2        |
|              | 33       | 11       |
|              | 43       | 28       |
|              |          | 31       |
| 26106-080202 | 13       | 28       |
|              | 31       | 11       |
|              | 32       | 26       |
|              | 34       | 27       |
| 26106-080252 | 14       | 19       |
|              |          | 37       |
|              |          | 37 -1    |
|              |          | 46       |
|              | 31       | 12       |
|              | 32       | 27       |
|              | 41       | 8        |
| 26106-080302 | 48       | 21       |
| 26106-080352 | 33       | 16       |
| 26106-080354 | 33       | 16 -1    |
|              |          | 16 -2    |
| 26106-080402 | 6        | 36       |
|              | 27       | 4 -1     |
| 26106-080422 | 27       | 4        |
| 26106-080452 | 3        | 22       |
| 26106-080502 | 14       | 16       |
| 26106-080652 | 14       | 20       |
| 26106-081152 | 15       | 21       |
| 26106-100252 | 4        | 6        |
|              |          | 6 -1     |
|              | 31       | 13       |
|              | 32       | 28       |
| 26106-100302 | 31       | 14       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26106-100302 | 32       | 29       |
|              | 41       | 9        |
|              | 48       | 22       |
| 26106-100322 | 29       | 1        |
|              |          | 9        |
|              |          | 14       |
| 26106-100402 | 41       | 10       |
| 26116-060652 | 17       | 9        |
| 26116-080604 | 41       | 11       |
| 26116-120302 | 30       | 24       |
| 26203-080302 | 8        | 26       |
| 26203-080402 | 8        | 14       |
| 26203-080452 | 8        | 14 -1    |
| 26203-080602 | 8        | 15       |
| 26203-080652 | 8        | 15 -1    |
| 26203-080802 | 8        | 27       |
| 26206-100252 | 3        | 6        |
| 26206-100302 | 3        | 11 -1    |
| 26216-080302 | 34       | 37       |
| 26216-080452 | 3        | 23       |
|              | 27       | 5        |
| 26273-160151 | 47       | 8        |
| 26306-080002 | 2        | 28       |
| 26366-060002 | 33       | 12       |
| 26366-080002 | 3        | 24       |
|              | 13       | 26       |
|              |          | 29       |
|              | 21       | 71       |
|              | 27       | 6        |
|              | 33       | 13       |
|              | 34       | 38       |
|              |          | 39       |
|              |          | 40       |
|              | 41       | 12       |
|              | 43       | 32       |
|              | 48       | 23       |
| 26366-100002 | 11       | 6        |
|              | 48       | 24       |
| 26450-080282 | 29       | 15       |
| 26557-050122 | 26       | 9        |
|              | 28       | 5        |
| 26557-050202 | 26       | 9 -1     |
|              | 28       | 5 -1     |
| 26577-060122 | 14       | 9        |
| 26703-080002 | 8        | 4        |
| 26706-100002 | 29       | 2        |
|              |          | 10       |
|              |          | 16       |
| 26716-050002 | 41       | 16       |
| 26716-060002 | 20       | 92       |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 26716-080002 | 41       | 13       |
|              |          | 17       |
| 26716-120002 | 4        | 14       |
|              | 20       | 93       |
| 26736-120002 | 21       | 86       |
| 26756-060002 | 21       | 87       |
| 26756-080002 | 29       | 3        |
|              | 30       | 28       |
|              | 41       | 17 -1    |
| 26793-080002 | 47       | 10       |
| 26979-050162 | 6        | 35       |
| 26986-080002 | 33       | 17       |
| 27233-250000 | 8        | 9        |
|              |          | 21       |
| 27241-120000 | 1        | 14       |
| 27241-250000 | 14       | 10       |
| 27730-301400 | 26       | 13 -1    |
| 28210-000080 | 12       | 14       |
| 29621-200001 | 34       | 41       |
| 29622-250001 | 17       | 5 -1     |
|              |          | 5 -2     |
| 41650-502320 | 48       | 11       |
| 41710-000380 | 26       | 13       |
| 41710-000410 | 26       | 10       |
|              | 28       | 6        |
| 41730-000681 | 26       | 11       |
| 43662-015020 | 16       | 9        |
| 43662-015021 | 16       | 9 -1     |
| 43666-020951 | 16       | 10       |
| 45414-500260 | 29       | 11       |
| 46150-503100 | 14       | 24       |
| 48110-025063 | 29       | 6        |
| 48110-028063 | 29       | 7        |
| 48110-032411 | 29       | 4        |
| 48110-032502 | 29       | 8        |
| 48110-522361 | 29       | 5        |
| 719515-01560 | 1        | 1        |
| 719717-01500 | 2        | 5        |
| 719717-02900 | 1        | 24       |
| 719717-02901 | 1        | 24 -1    |
| 719717-02910 | 1        | 35       |
| 719717-02911 | 1        | 35 -1    |
| 728890-51350 | 20       | 1        |
| 728890-92600 | 37       | 1        |
| 796420-08630 | 4        | 11 A     |
| 796420-09200 | 47       | 1        |
| 83213-003012 | 25       | 7        |
| 977780-01211 | 18       | 1        |
|              | 19       | 1        |
|              | 38       | 1        |

| Parts No.    | Fig. No. | Ref. No. |
|--------------|----------|----------|
| 977780-01230 | 18       | 2        |
|              | 19       | 2        |
| 977780-01240 | 19       | 3        |
| 977780-01250 | 18       | 3        |
| 977780-03000 | 18       | 9        |
|              | 19       | 9        |
|              | 38       | 9        |
| X00141916    | 13       | 22 C     |
|              | 43       | 25       |
| X00183200    | 13       | 22 E     |
|              | 43       | 27       |
| X00190050    | 13       | 22 D     |
|              | 43       | 26       |
| X00353309    | 13       | 22 B     |
|              | 43       | 24       |
| X00370012    | 13       | 15       |
|              | 43       | 15       |
| X00371732    | 13       | 16       |
|              | 43       | 16       |
| X0044021509  | 18       | 7        |
|              | 19       | 7        |
|              | 38       | 7        |
| X0145050     | 13       | 10       |
|              | 43       | 10       |
| X0146542     | 13       | 11       |
|              | 43       | 11       |
| X014678901   | 13       | 22 A     |
|              | 43       | 23       |
| X02173432    | 13       | 5        |
|              |          | 12       |
|              | 43       | 5        |
|              |          | 12       |
| X02173476    | 13       | 6        |
|              |          | 19       |
|              | 43       | 6        |
|              |          | 19       |
| X02233010    | 13       | 7        |
|              | 43       | 7        |
| X0318101004  | 38       | 2        |
| X03431748    | 13       | 14       |
|              | 43       | 14       |
| X03431760    | 13       | 13       |
|              | 43       | 13       |
| X158606410X  | 38       | 3        |
| X179100011X  | 19       | 5        |
| X179100021X  | 18       | 5        |
| X179100022X  | 38       | 5        |
| X179100100X  | 18       | 6        |
|              | 19       | 6        |
|              | 38       | 6        |

Parts No. Index

| Parts No.   | Fig. No. | Ref. No. |
|-------------|----------|----------|
| X199903800X | 18       | 8        |
|             | 19       | 8        |
| X199906101X | 38       | 8        |
| X2114535200 | 30       | 12       |
| X6303BM0000 | 32       | 18       |
| X8636008003 | 18       | 4        |
|             | 19       | 4        |
| X8636015001 | 38       | 4        |
| XL150M14041 | 32       | 17       |
| XL155G1330  | 32       | 8        |
| XL180120000 | 32       | 4        |
| XL1808320   | 32       | 13       |
| XL180G13012 | 32       | 6        |
| XL180G43150 | 32       | 7        |
| XL180G61000 | 32       | 2        |
| XL180G63006 | 32       | 5        |
| XL180G85001 | 32       | 22       |
| XL225431800 | 32       | 11       |
| XL225G1325  | 32       | 9        |
| XL235340110 | 32       | 16       |

| Parts No. | Fig. No. | Ref. No. |
|-----------|----------|----------|
|-----------|----------|----------|

| Parts No. | Fig. No. | Ref. No. |
|-----------|----------|----------|
|-----------|----------|----------|

| Parts No. | Fig. No. | Ref. No. |
|-----------|----------|----------|
|-----------|----------|----------|