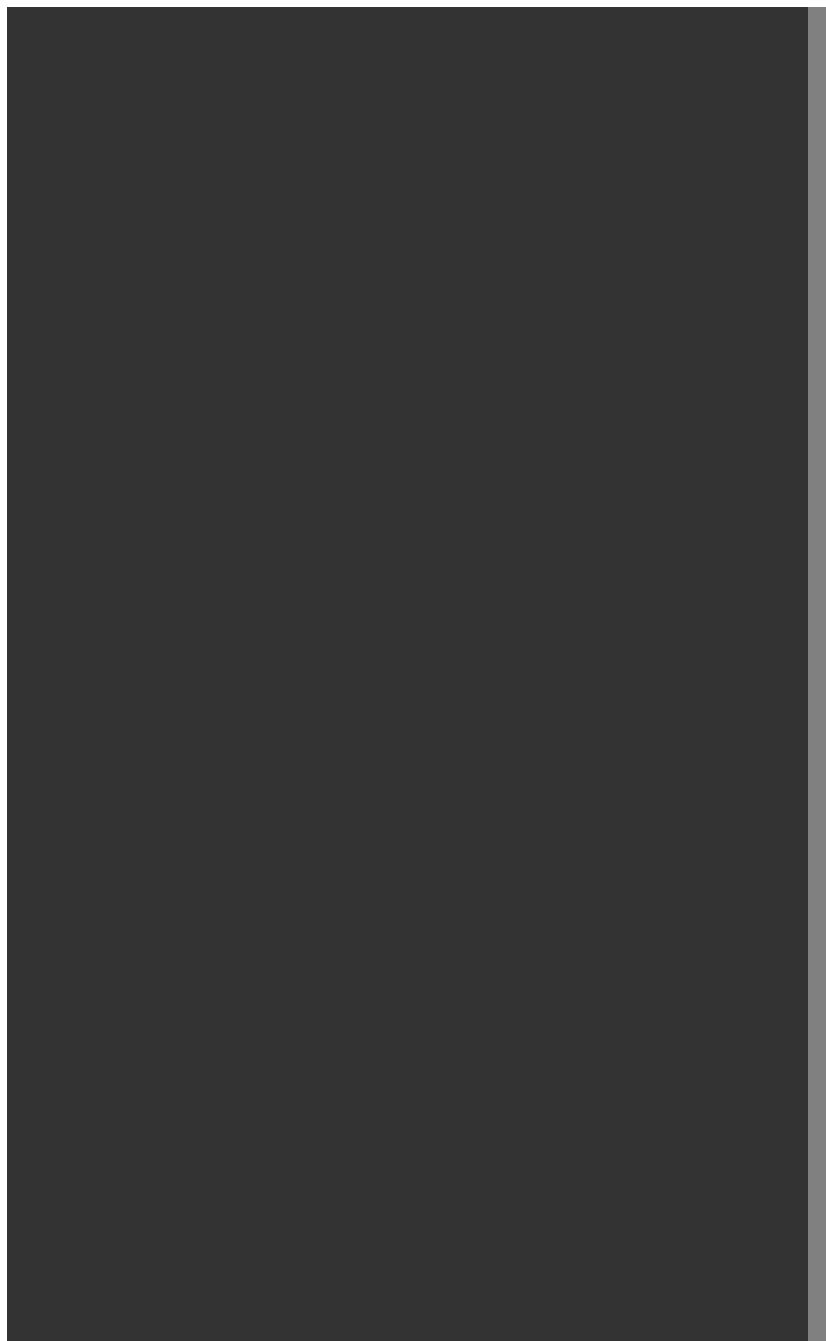


**YANMAR**

**PARTS CATALOG**

0CG10-M34301EN



Last update

Jan., 2024

# Introduction

1. This parts catalog for 6AYM-WET, 6AYM-WST, 6AYM-WGT is published as a revised edition.

	Date of issue	Remarks
First edition	Apr., 2011	No need
1st revised edition	Mar., 2020	

2. Standard finish color. Yanmar ecole silver metallic  
Parts No. 977620-40071 4L (Packed in a can)  
Parts No. TOR-94800250 Spray (1 piece)

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

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

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

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

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4. GEAR HOUSING
5. OIL SEAL CASE(SIDE OF FLYWHEEL)
6. OIL SEAL CASE(OPPOSITE SIDE OF FLYWHEEL)
7. FLYWHEEL HOUSING
8. OIL SUMP(STANDARD)
9. OIL SUMP(SHALLOW TYPE)
10. OIL SUMP(ELASTIC MOUNTING : STANDARD TYPE)
11. OIL SUMP(ELASTIC MOUNTING : SHALLOW TYPE)
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Fig. No. Fig. Name

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- 64. COOLING PIPE(FRESH WATER)(THERMOSTAT - PUMP)
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- 78. BOOST COMPENSATOR
- 79. FUEL INJECTION VALVE
- 80. DRIVING DEVICE(FUEL INJECTION PUMP)
- 81. BRACKET(FUEL INJECTION PUMP)
- 82. FUEL FILTER(SINGLE)
- 83. FUEL FILTER(DUPLEX)
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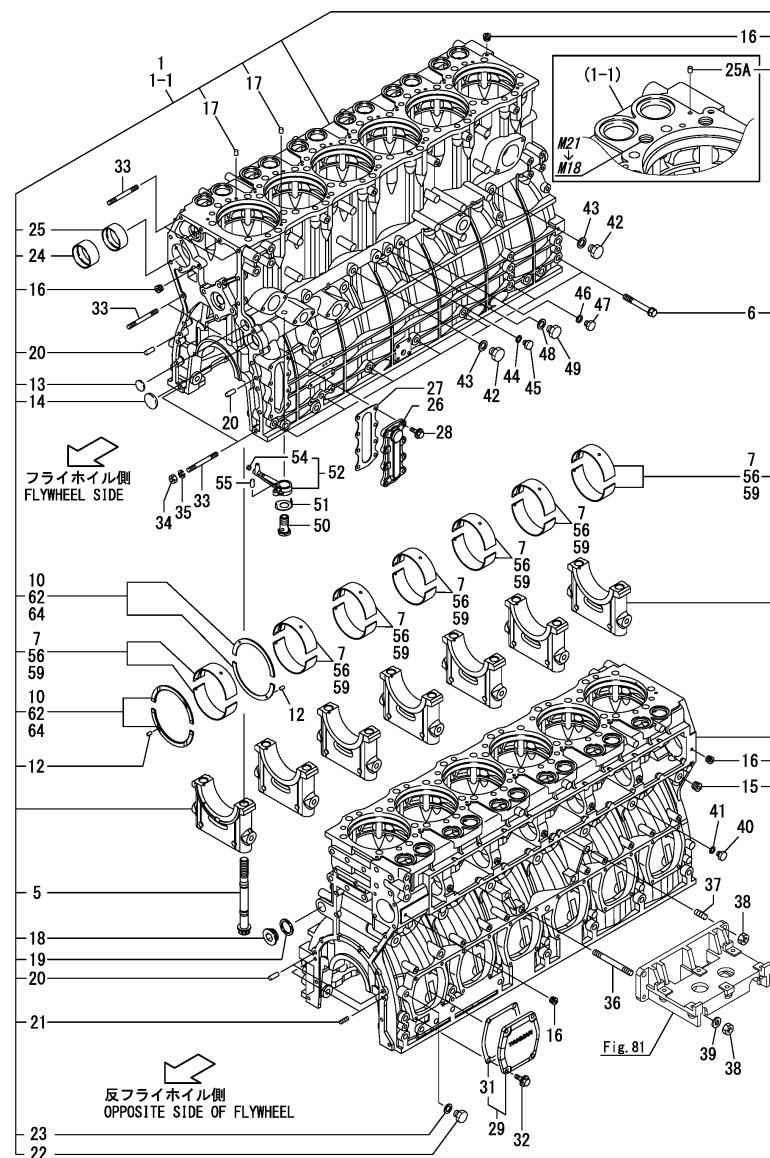
Fig. No. Fig. Name

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- 98. MAGNETIC PICKUP
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- 100. ENGINE STOP DEVICE(MOTOR SOLENOID)(YANMAR STANDARD INSPECTION & NK)
- 101. ENGINE STOP DEVICE(ELECTRIC MAGNET)(SHIPS CLASSIFICATION PARTS)
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- 135. (104B)AIR INTERMEDIATE VALVE
- 105. STARTER MOTOR(EARTH TYPE)
- 106. STARTER MOTOR(EARTH FLOAT TYPE)
- 107. GENERATOR(TO MAR. 2018)
- 136. (107A)GENERATOR(FROM APR. 2018)
- 148. (107B)GENERATOR(INNER PARTS)
- 108. GENERATOR(INNER PARTS)(1KW)(TO MAR. 2018)
- 109. GENERATOR(INNER PARTS)(600W)(TO MAR. 2018)
- 137. (109A)DRIVING DEVICE(GENERATOR)
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- 110. WIRE HARNESS(EARTH TYPE)
- 139. (110A)WIRE HARNESS(EARTH FLOAT TYPE)
- 111. SUB HARNESS & NEUTRAL SWITCH
- 112. SENSOR(EARTH TYPE)
- 140. (112A)SENSOR(EARTH TYPE)

Fig. No. Fig. Name

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- 141. (113A)SENSOR(EARTH FLOAT TYPE)
- 114. SWITCH(BATTERY)
- 115. AIR HEATER ACCESSORIES
- 142. (115A)LIMIT SWITCH
- 116. CONTROL BOX(ELECTRIC TROLLING)
- 117. ATTACHED BOLT(CLUTCH)
- 118. INSTRUMENT PANEL(TO JUNE 2019)
- 129. (118A)INSTRUMENT PANEL(3G)(D-TYPE)(FROM 2019.07)
- 119. SUB PANEL(TO JUNE 2019)
- 130. (119A)INSTRUMENT PANEL(3G)(C-TYPE)(SUB PANEL)(FROM 2019.07)
- 120. INSTRUMENT PANEL(ENGINE ATTACHED)(CELL STARTING)
- 143. (120A)INSTRUMENT PANEL(ENGINE ATTACHED)(CELL STARTING)(CLUTCH LESS SPEC.)
- 144. (120B)INSTRUMENT PANEL(ENGINE ATTACHED)(AIR STARTING)
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- 125. NOZZLE TESTER
- 126. TOOL
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- 128. SPECIAL TOOL(OPTIONAL)
- ENGINE

## Fig.1. CYLINDER BLOCK



## Remarks

- (1)Under-sized(U.S.=0.25) parts.
- (2)Under-sized(U.S.=0.5) parts.
- (3)Over-sized(O.S.=0.25) parts.
- (4)Over-sized(O.S.=0.5) parts.
- (5)No.1-1 & Fig.22 No.1-1, 33-1, 34-1 are interchangeable by set.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

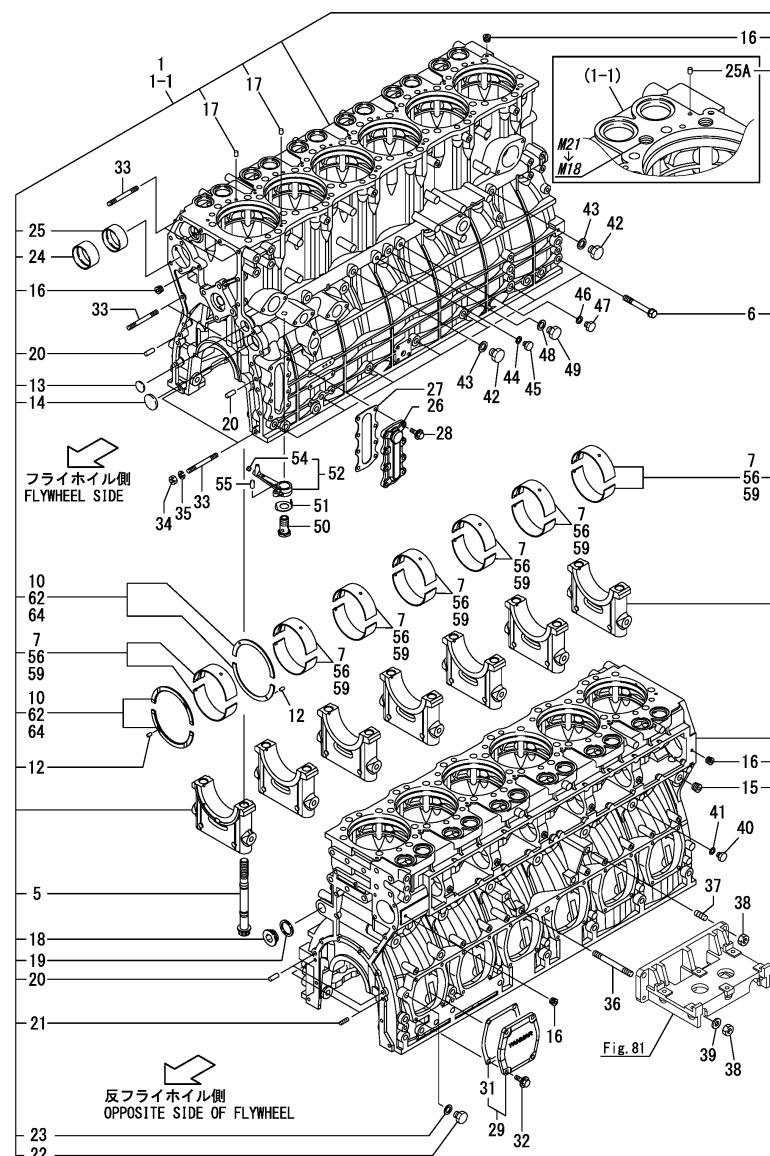
No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	748620-01705	BLOCK ASSY, CYLINDER	1	1	1				
1-1	1	748620-01706	BLOCK ASSY, CYLINDER (A=E/#4006) (B=E/#4012) (C=E/#4007)	1	1	1			S	5
1-2	1	748620-01750	BLOCK ASSY, CYLINDER (A=E/#5567) (B=E/#5549) (C=E/#5644)	1	1	1			R	
5	2	148620-02070	BOLT, METAL CAP	14	14	14				
6	2	148620-02250	BOLT, SIDE	14	14	14				
7	2	148620-02120	METAL ASSY, MAIN	7	7	7				
10	2	748620-02590	METAL ASSY, THRUST	2	2	2				
12	2	22312-060100	PIN, PARALLEL M6X10	2	2	2				
13	2	27241-350000	PLUG, 35	1	1	1				
14	2	27241-500000	PLUG, 50	1	1	1				
15	2	23876-040000	PLUG, R04	7	7	7				
16	2	23876-010000	PLUG, R01	4	4	4				
17	2	22312-080100	PIN, PARALLEL M8X10	12	12	12				
18	2	148620-01091	PLUG, M36X2	1	1	1				
19	2	23414-360000	GASKET, 36X1.0	1	1	1				
20	2	22312-120320	PIN, PARALLEL M12X32	4	4	4				
21	2	26216-100302	STUD, M10X 30	2	2	2				
22	2	23887-200002	PLUG, 20	1	1	1				
23	2	23414-200000	GASKET, 20X1.0	1	1	1				
24	2	148616-02400	METAL, CAMSHAFT B	2	2	2				
25	2	148616-02420	METAL, CAMSHAFT A	5	5	5				
25A	2	22312-060080	PIN, PARALLEL M6X 8 (A=E/#4006) (B=E/#4012) (C=E/#4007)	6	6	6			W	
26	1	148620-01452	COVER, COOLER	1	1	1				
27	1	148620-01460	GASKET, COVER	1	1	1				
28	1	26106-100252	BOLT, M10X 25 PLATED	8	8	8				
29	1	148620-01390	COVER, BLOCK	6	6	6				
31	2	148620-01400	GASKET, SIDE COVER	6	6	6				
32	1	26106-100252	BOLT, M10X 25 PLATED	24	24	24				
33	1	26216-121202	STUD, M12X120	8	8	8				
34	1	26716-120002	NUT, M12	8	8	8				
35	1	22217-120000	WASHER, SPRING 12	8	8	8				
36	1	26232-161602	STUD, M16X160	3	3	3				
37	1	26232-160402	STUD, M16X 40	2	2	2				
38	1	26732-160002	NUT, M16	5	5	5				
38-1	1	148620-54040	NUT, M16 (A=E/#5927) (B=E/#5964) (C=E/#5940)	5	5	5			N	
39	1	148688-54550	WASHER	5	5	5				
40	1	23887-120002	PLUG, 12	1	1	1				
41	1	23414-120000	GASKET, 12X1.0	1	1	1				
42	1	23887-180002	PLUG, 18	2	2	2				
43	1	23414-180000	GASKET, 18X1.0	2	2	2				
44	1	23414-120000	GASKET, 12X1.0	1	1	1				
45	1	23887-120002	PLUG, 12	1	1	1				
46	1	23414-130000	GASKET, 13X1.0	1	1	1				
47	1	23897-020002	PLUG G1/4	1	1	1				
48	1	23414-170000	GASKET, 17X1.0	1	1	1				
49	1	23897-030002	PLUG G3/8, HEX.	1	1	1				
50	1	23857-100000	BOLT, JOINT 10	6	6	6				

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++

## Fig.1. CYLINDER BLOCK

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

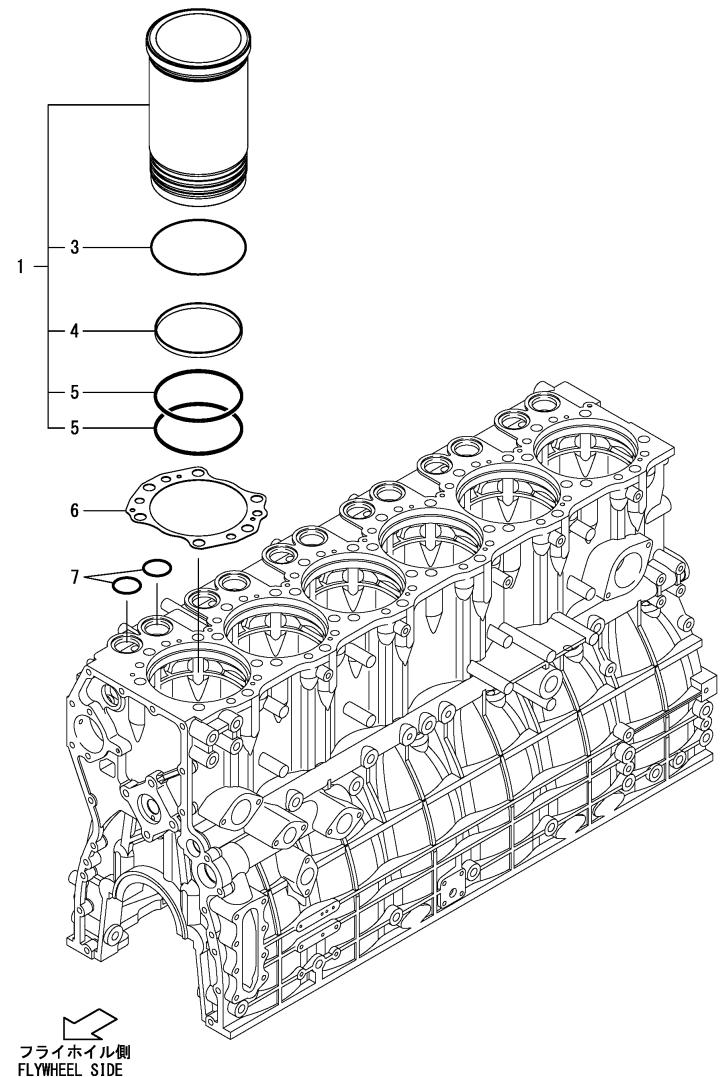
- (1)Under-sized(U.S.=0.25) parts.
- (2)Under-sized(U.S.=0.5) parts.
- (3)Over-sized(O.S.=0.25) parts.
- (4)Over-sized(O.S.=0.5) parts.
- (5)No.1-1 & Fig.22 No.1-1, 33-1, 34-1are interchangeable by set.

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
51	1	133670-39340	WASHER	6	6	6		
52	1	148620-39300	NOZZLE ASSY, COOLING	6	6	6		
54	2	26911-050052	SCREW, M5X 5	6	6	6		
55	1	22312-060120	PIN, PARALLEL M6X12	6	6	6		
56	1	748620-02770	METAL ASSY, MAIN .25	7	7	7		1
59	1	748620-02780	METAL ASSY, MAIN .50	7	7	7		2
62	1	748620-02950	METAL ASSY, 0.25 OS	2	2	2		3
64	1	748620-02940	METAL ASSY, 0.50 OS	2	2	2		4

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.2. CYLINDER LINER &amp; HEAD GASKET



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748620-01900	LINER ASSY, CYLINDER	6 6 6		
1-1	1	748620-01901	LINER ASSY, CYLINDER (A=E/#5021) (B=E/#5023) (C=E/#5078)	6 6 6	R	
1-2	1	748620-01902	LINER ASSY, CYLINDER (A=E/#9166) (B=E/#9206) (C=E/#9173)	6 6 6	R	
1-3	1	748620-01901	LINER ASSY, CYLINDER (A=*2022.05) (B=*2022.05) (C=*2022.05)	6 6 6	R	
1-4	1	748620-01903	LINER ASSY, CYLINDER (A=*2024.02) (B=*2024.02) (C=*2024.02)	6 6 6	R	
3	2	148620-01280	O-RING	6 6 6		
3-1	2	148620-01180	O-RING, CYL. LINER (A=E/#9166) (B=E/#9206) (C=E/#9173)	6 6 6	R	
3-2	2	148620-01280	O-RING (A=*2022.05) (B=*2022.05) (C=*2022.05)	6 6 6	R	
4	2	148620-01290	PACKING, LINER	6 6 6		
4-1	2	148620-01190	BAND, CYL. LINER (A=E/#9166) (B=E/#9206) (C=E/#9173)	6 6 6	R	
4-3	2	148620-01290	PACKING, LINER (A=*2022.05) (B=*2022.05) (C=*2022.05)	6 6 6	R	
5	2	148620-01300	PACKING, LINER	12 12 12		
5-1	2	148620-01301	PACKING, LINER (A=E/#2470) (B=E/#2465) (C=E/#2472) (A=E/#9166) (B=E/#9206) (C=E/#9173)	12 12 12	N	
5-2	2	148620-01200	O-RING, CYL. LINER (A=E/#9166) (B=E/#9206) (C=E/#9173)	12 12 12	R	
5-2	2	148620-01301	PACKING, LINER (A=*2022.05) (B=*2022.05) (C=*2022.05)	12 12 12	R	
6	1	148620-01243	GASKET, HEAD T=1.5	6 6 6		1
6-1	1	148628-01300	GASKET, HEAD HNBR (A=E/#8208) (B=E/#8236) (C=E/#8268)	6 6 6	N 2	
7	1	24316-570480	O-RING, 4DP48A	12 12 12		

## Remarks

- (1)Old; marking four-digit.  
(2)New; marking five-digit (four-digit number + "H").

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

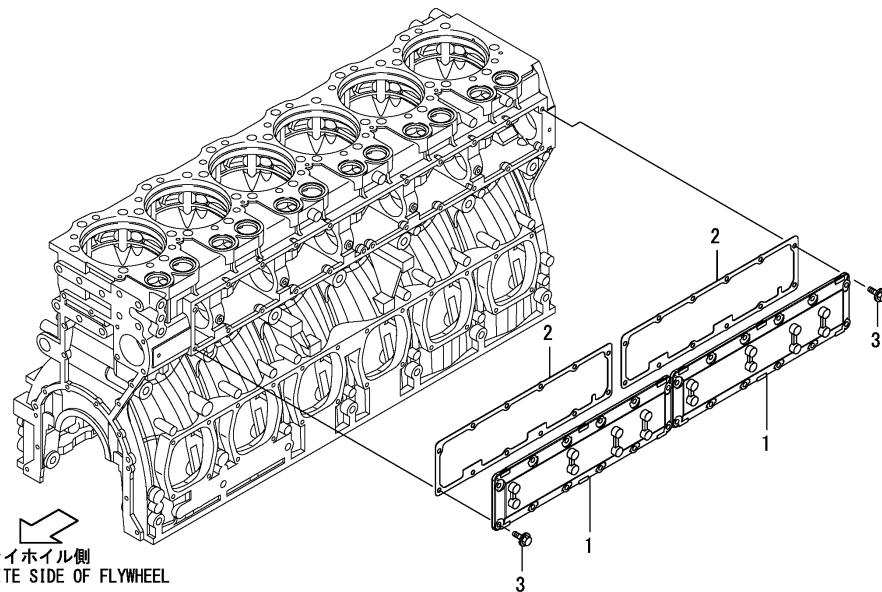
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## Fig.3. CAMSHAFT COVER

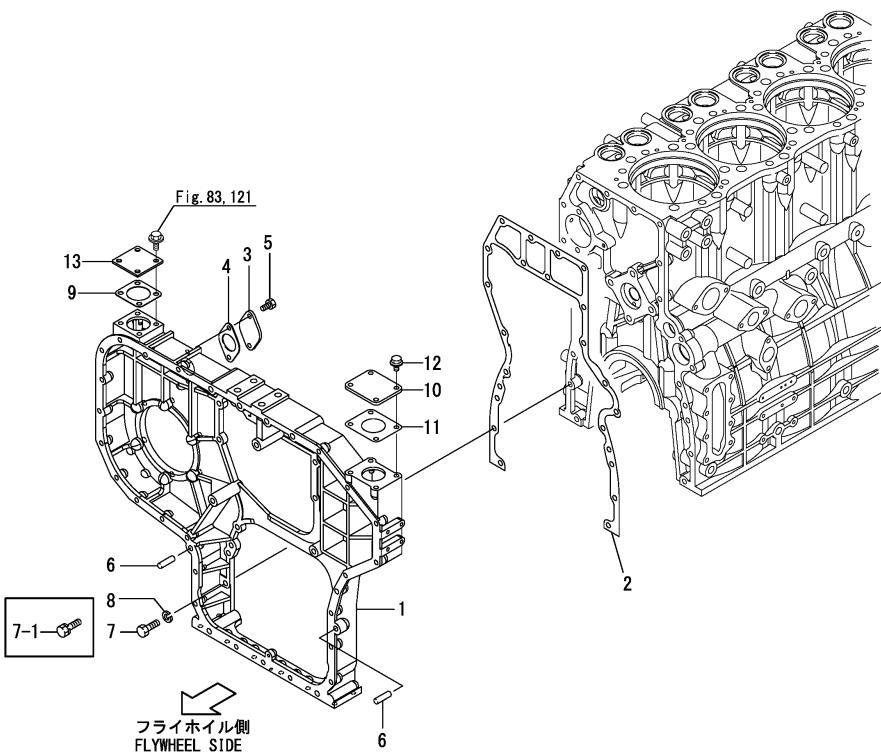
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148620-01470	COVER, CAM BOX	2	2	2			
2	1	148628-01411	GASKET, COVER	2	2	2			
3	1	26106-100252	BOLT, M10X 25 PLATED	24	24	24			



## Fig.4. GEAR HOUSING



## Remarks

(1) Engine attached instrument panel specification.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-01501	CASE, GEAR	1	1	1			
2	1	148620-01520	GASKET, GEAR CASE	1	1	1			
3	1	126684-01440	COVER, GEAR CASE	1	1	1			
4	1	148620-01440	PACKING	1	1	1			
5	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2			
6	1	22312-120320	PIN, PARALLEL M12X32	2	2	2			
7	1	26116-120302	BOLT, M12X 30 PLATED	12	12	12			
7-1	1	26013-120302	BOLT, M12X 30	12	12	12		N	
		(A=2013.11)	(B=2013.11)	(C=2013.11)					
8	1	22217-120000	WASHER, SPRING 12	12	12	12		Z	
		(A=2013.11)	(B=2013.11)	(C=2013.11)					
9	1	148620-01560	GASKET	1	1	1			
10	1	148620-01761	COVER, GEAR CASE	1	1	1			
11	1	148628-35321	GASKET, STRAINER	1	1	1			
12	1	26106-100202	BOLT, M10X 20 PLATED	4	4	4			
13	1	148688-01550	COVER, GEAR CASE	1	1	1			1

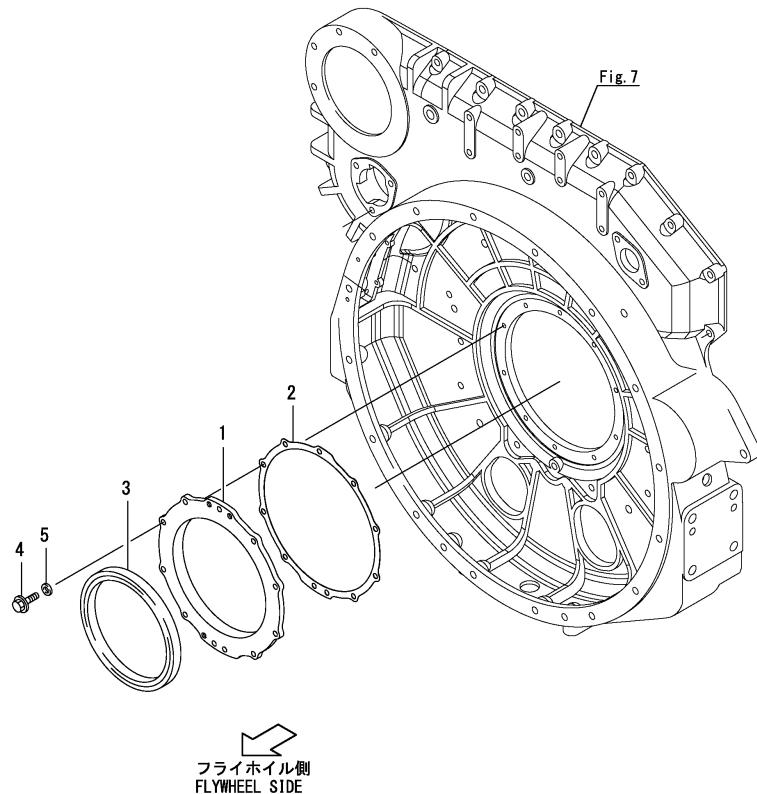
N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xleftarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.5. OIL SEAL CASE(SIDE OF FLYWHEEL)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

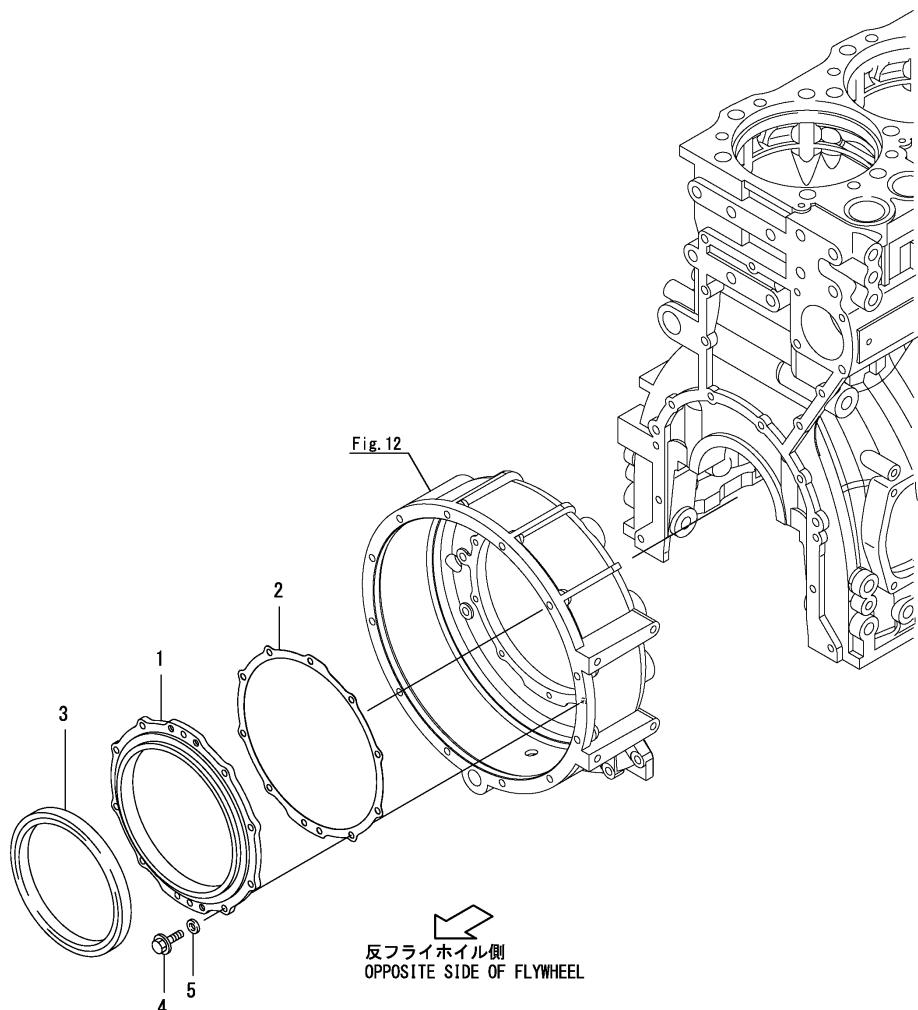
(1)Two-line fresh water/fresh water cooling specification.

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148620-01811	CASE, OIL SEAL	1	1	1				
1-1	1	148660-01820	CASE, OIL SEAL	1	1	1				R
		(A=E/#6089)	(B=E/#6146)			(C=E/#6114)				
2	1	148620-01831	GASKET, SEAL CASE	1	1	1				
3	1	148620-01880	SEAL, OIL	1	1	1				
4	1	26106-080202	BOLT, M8X 20 PLATED	10	10	10				
5	1	22190-080003	WASHER, SEAL 8	10	10	10				

## Fig.6. OIL SEAL CASE(OPPOSITE SIDE OF FLYWHEEL)

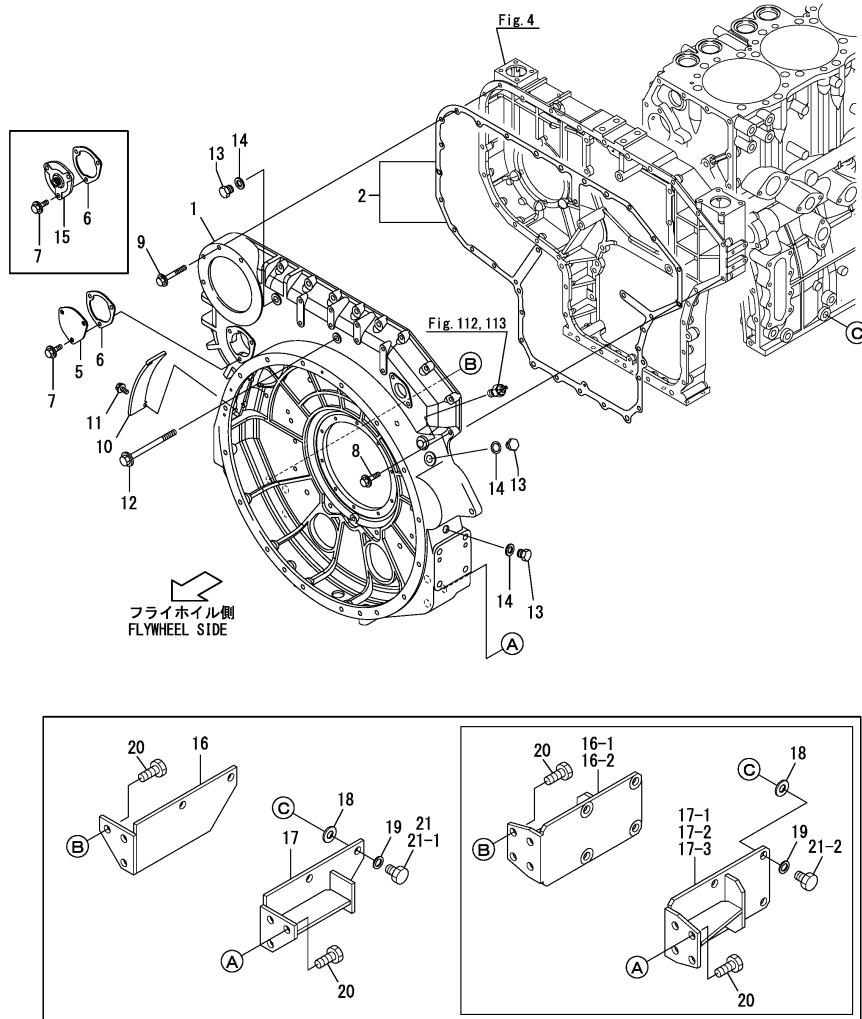


No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148620-01811	CASE, OIL SEAL	1	1	1				
1-1	1	148660-01820	CASE, OIL SEAL	1	1	1				R
		(A=E/#6089)	(B=E/#6146)			(C=E/#6114)				
2	1	148620-01831	GASKET, SEAL CASE	1	1	1				
3	1	148620-01890	SEAL, OIL	1	1	1				
4	1	26106-080202	BOLT, M8X 20 PLATED	10	10	10				
5	1	22190-080003	WASHER, SEAL 8	10	10	10				

## Fig.7. FLYWHEEL HOUSING

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148660-01604	HOUSING, FLYWHEEL	1	1	1				
1-1	1	148660-01605	HOUSING, FLYWHEEL (A=E/#8723) (B=E/#8730) (C=E/#8724)	1	1	1			N	
2	1	148620-01630	GASKET, HOUSING	1	1	1				
5	1	148816-01820	COVER	1	1	1				
6	1	148660-01810	GASKET	1	1	1				
7	1	26106-100202	BOLT, M10X 20 PLATED	3	3	3				
8	1	26106-100402	BOLT, M10X 40 PLATED	21	21	21				
9	1	26106-100752	BOLT, M10X 75 PLATED	4	4	4				
10	1	148616-01611	COVER, TURNING WINDOW	1	1	1				
11	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2				
12	1	26116-121602	BOLT, M12X160 PLATED	1	1	1				
13	1	133970-01670	PLUG, 5/8UNF	3	3	3				
14	1	23414-160000	GASKET, 16X1.0	3	3	3				
15	1	148620-01800	BRACKET, THERMOMETER	1	1	1			1	
16	1	148690-01900	SUPPORT	1	1	1				2
16-1	1	148690-01901	SUPPORT (A=E/#4006) (B=E/#4012) (C=E/#4007)	1	1	1			S	4
16-2	1	148690-01920	SUPPORT (A=E/#4956) (B=E/#4954) (C=E/#5078)	1	1	1			R	2
17	1	148690-01910	SUPPORT	1	1	1				2
17-1	1	148690-01911	SUPPORT (A=E/#4006) (B=E/#4012) (C=E/#4007)	1	1	1			S	3
17-2	1	148690-01912	SUPPORT (A=E/#4006) (B=E/#4012) (C=E/#4007)	1	1	1			S	4
17-3	1	148690-01920	SUPPORT (A=E/#4956) (B=E/#4954) (C=E/#5078)	1	1	1			R	2
18	1	126618-11820	WASHER, HEAD BOLT	4	4	4				2
19	1	22137-160000	WASHER, 16	4	4	4				2
20	1	26152-160252	BOLT, M16X 25	6	6	6				2
20-1	1	26156-160252	BOLT, M16X 25 PLATED (A=E/#4006) (B=E/#4012) (C=E/#4007)	6	6	6			N	2
21	1	26152-160402	BOLT M16X 40	4	4	4				2
21-1	1	26156-160402	BOLT, M16X 40 PLATED (A=E/#4006) (B=E/#4012) (C=E/#4007)	4	4	4			N	2
21-2	1	26156-160352	BOLT, M16X 35 PLATED (A=E/#4006) (B=E/#4012) (C=E/#4007)	4	4	4			S	2

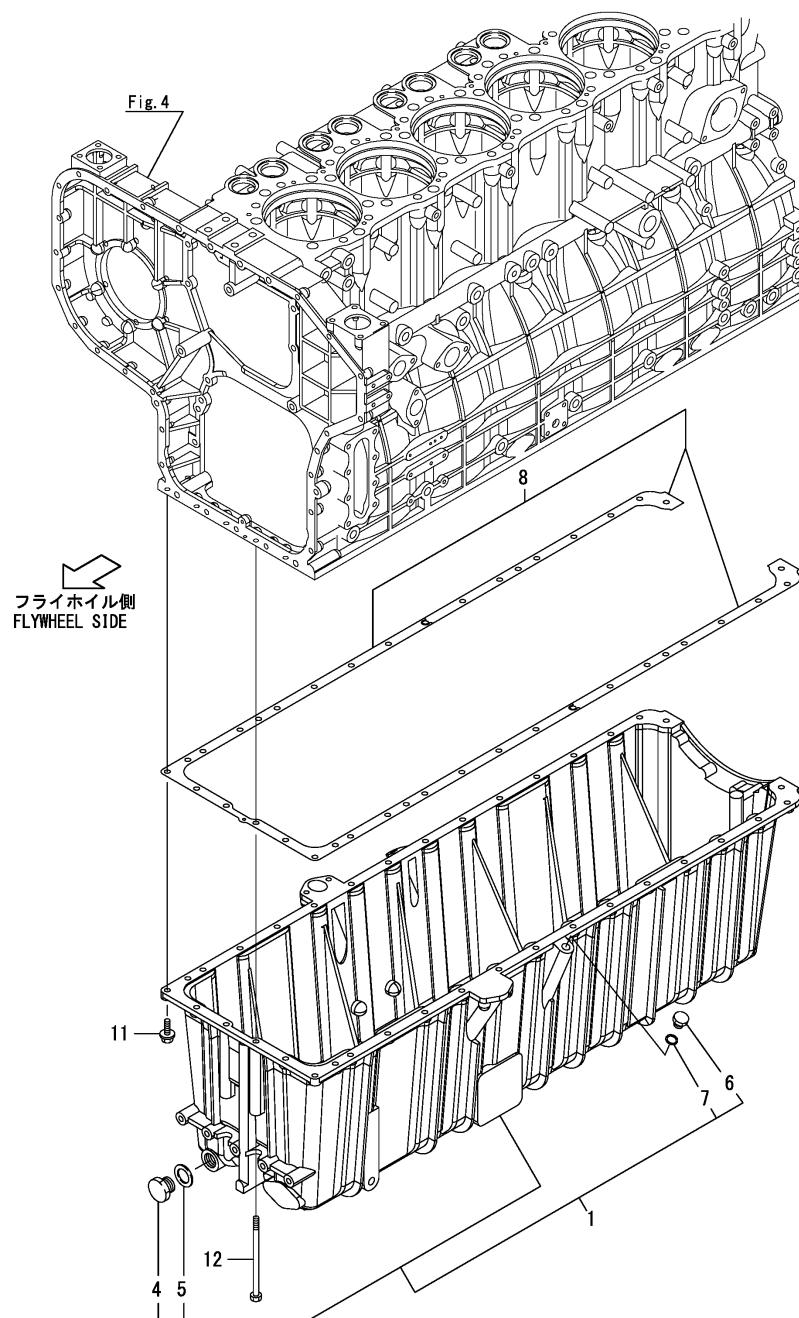
## Remarks

- (1)Engine attached instrument panel specification.
- (2)Elastic mounting specification(Optional parts).
- (3)Fig.16 No.13-1 are interchangeable by set.
- Shallow type Oil Sump specification is Fig.16 No.29-1 are interchangeable by set.
- (4)No.21-2 are interchangeable by set.

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.8. OIL SUMP(STANDARD)

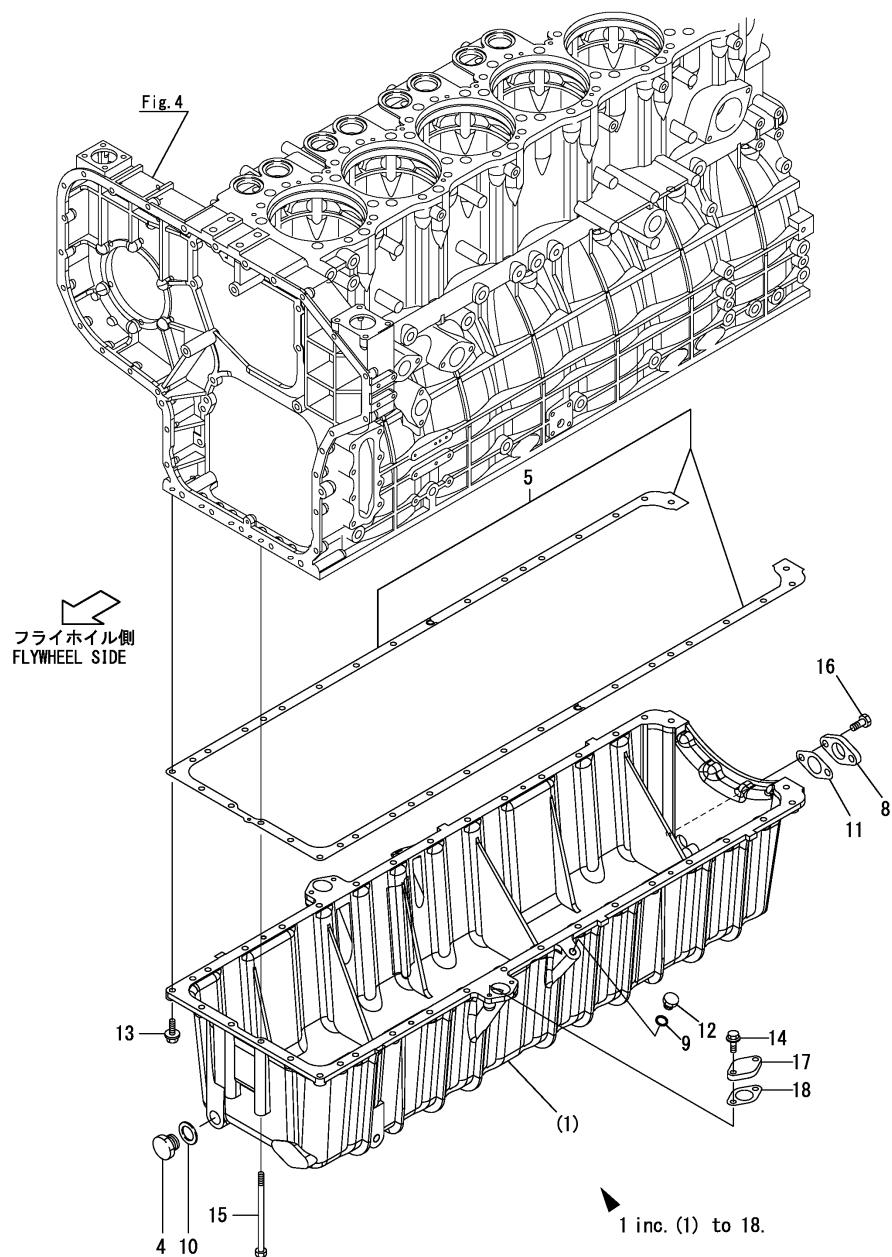


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	748660-01540 (A=2012.06)	OIL PAN ASSY (B=2012.06)	1	1	1			Z	
4	3	135410-01780	PLUG, M30 BC	1	1	1				
5	3	23414-300000	GASKET, 30X1.0	1	1	1				
6	2	23887-140002	PLUG M14	1	1	1				
7	2	23414-140000	GASKET, 14X1.0	1	1	1				
8	1	148620-01771	GASKET, OIL PAN	1	1	1				
11	1	26106-100302	BOLT, M10X 30 PLATED	34	34	34				
12	1	26116-101802	BOLT, M10X180 PLATED	2	2	2				

## Fig.9. OIL SUMP(SHALLOW TYPE)

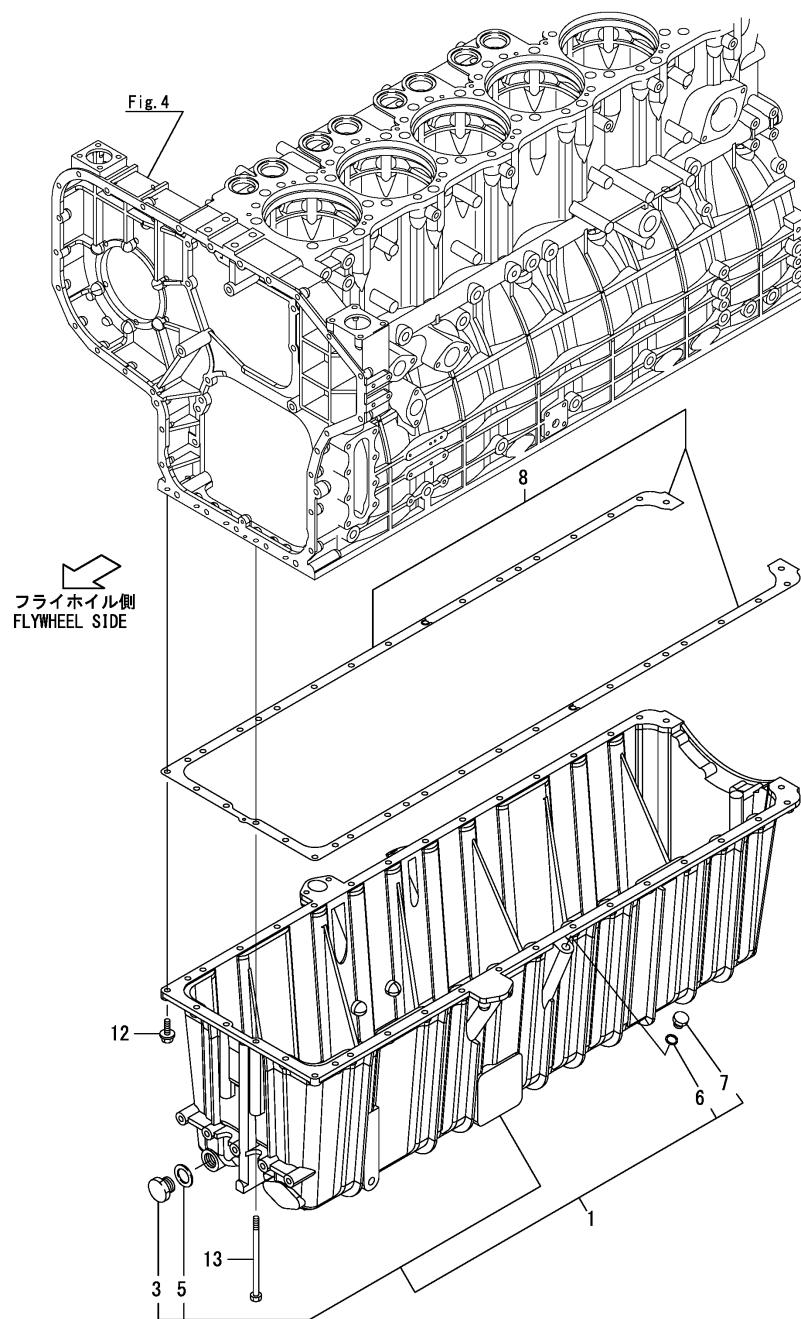


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	748690-01700 (A=2012.06)	SUMP ASSY, OIL (B=2012.06)	1	1	1		Z	
4	2	135410-01780	PLUG, M30 BC	2	2	2			
5	2	148620-01771	GASKET, OIL PAN	1	1	1			
8	2	23221-340001	FLANGE, 34	1	1	1			
9	2	23414-140000	GASKET, 14X1.0	1	1	1			
10	2	23414-300000	GASKET, 30X1.0	2	2	2			
11	2	23428-360000	GASKET, 36X1.5	1	1	1			
12	2	23887-140002	PLUG M14	1	1	1			
13	2	26106-100302	BOLT, M10X 30 PLATED	34	34	34			
14	2	26106-100302	BOLT, M10X 30 PLATED	2	2	2			
15	2	26116-101802	BOLT, M10X180 PLATED	2	2	2			
16	2	26116-120302	BOLT, M12X 30 PLATED	2	2	2			
17	2	43320-001250	FLANGE, BLIND	1	1	1			
18	2	148628-01641	GASKET, FILLER	1	1	1			

## Fig.10. OIL SUMP(ELASTIC MOUNTING : STANDARD TYPE)

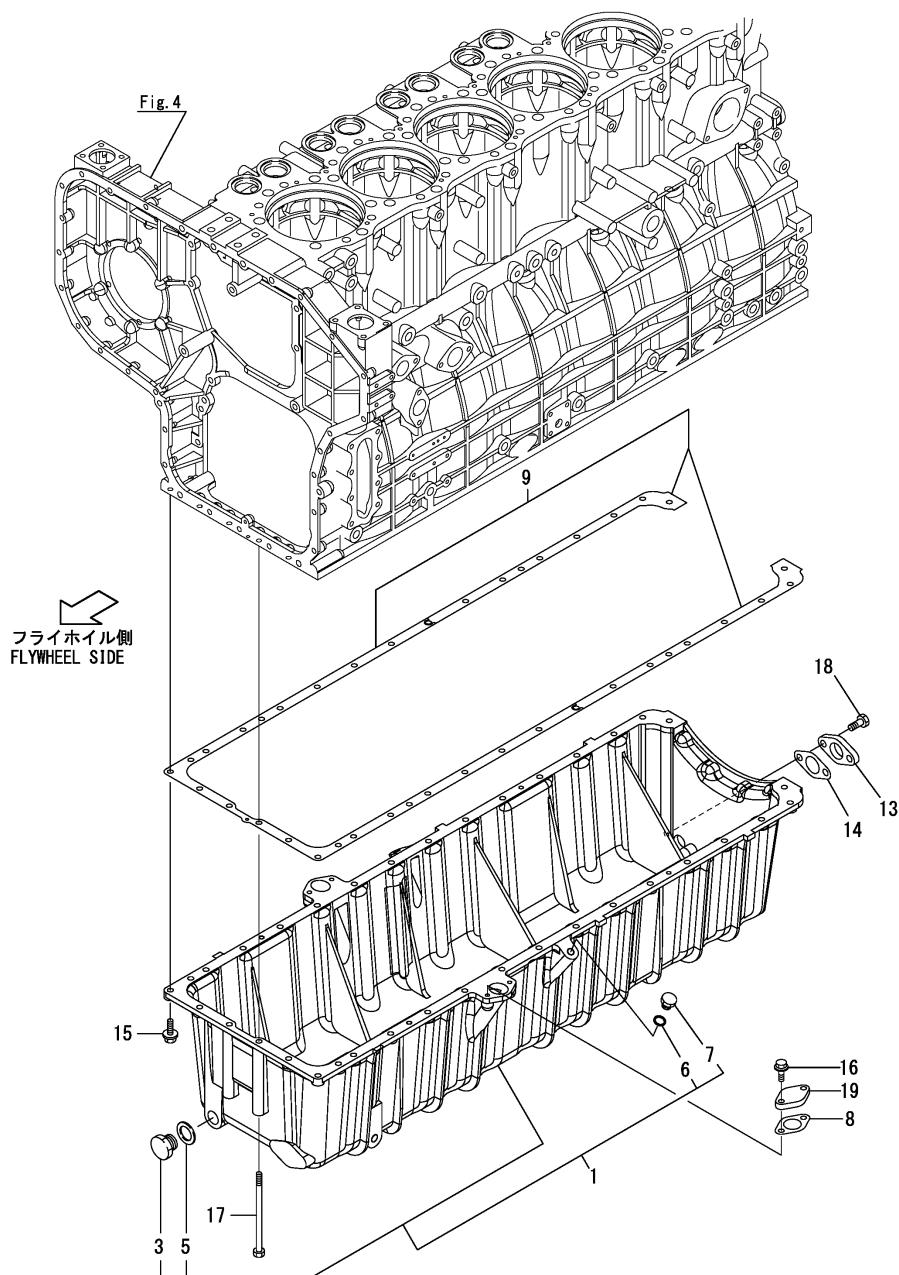


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	748660-01550	OIL PAN ASSY	1	1	1		
3	3	135410-01780	PLUG, M30 BC	1	1	1		
5	3	23414-300000	GASKET, 30X1.0	1	1	1		
6	2	23414-140000	GASKET, 14X1.0	1	1	1		
7	2	23887-140002	PLUG M14	1	1	1		
8	1	148620-01771	GASKET, OIL PAN	1	1	1		
12	1	26106-100302	BOLT, M10X 30 PLATED	34	34	34		
13	1	26116-101802	BOLT, M10X180 PLATED	2	2	2		

Fig.11. OIL SUMP(ELASTIC MOUNTING : SHALLOW TYPE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

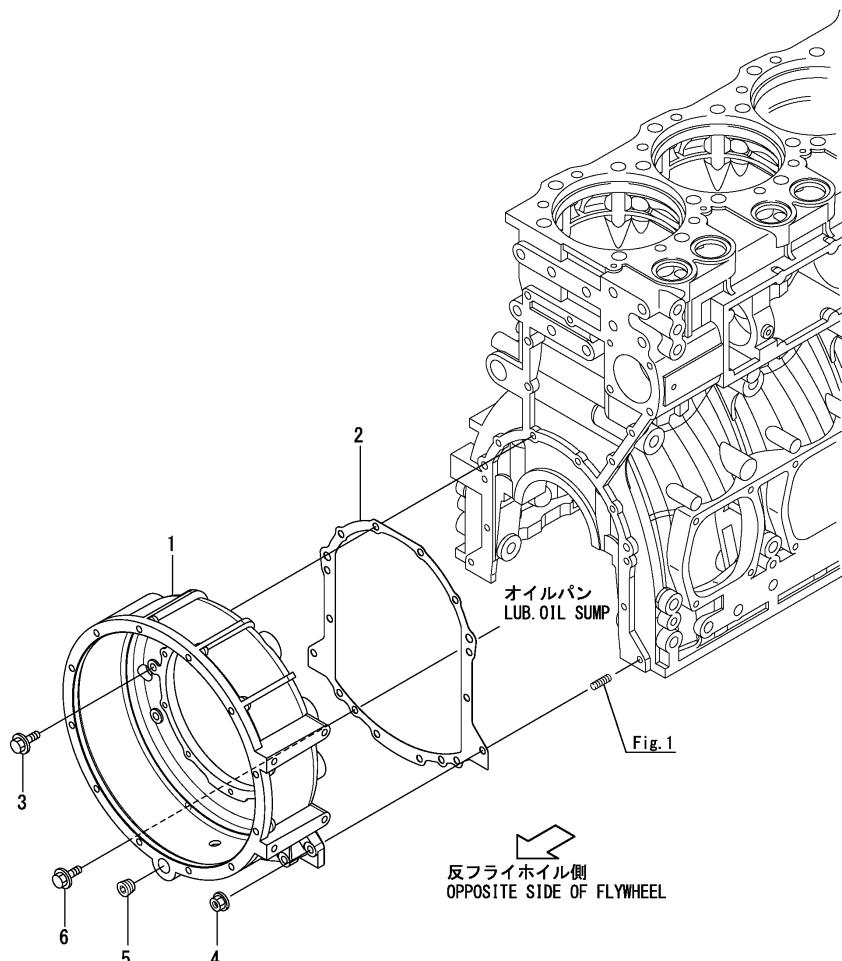
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	748690-01550	OIL PAN ASSY	1	1	1		
3	3	135410-01780	PLUG, M30 BC	2	2	2		
5	3	23414-300000	GASKET, 30X1.0	2	2	2		
6	2	23414-140000	GASKET, 14X1.0	1	1	1		
7	2	23887-140002	PLUG M14	1	1	1		
8	1	148628-01641	GASKET, FILLER	1	1	1		
9	1	148620-01771	GASKET, OIL PAN	1	1	1		
13	1	23221-340001	FLANGE, 34	1	1	1		
14	1	23428-360000	GASKET, 36X1.5	1	1	1		
15	1	26106-100302	BOLT, M10X 30 PLATED	34	34	34		
16	1	26106-100302	BOLT, M10X 30 PLATED	2	2	2		
17	1	26116-101802	BOLT, M10X180 PLATED	2	2	2		
18	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2		
19	1	43320-001250	FLANGE, BLIND	1	1	1		

Fig.12. COVER(OPPOSITE SIDE OF FLYWHEEL)

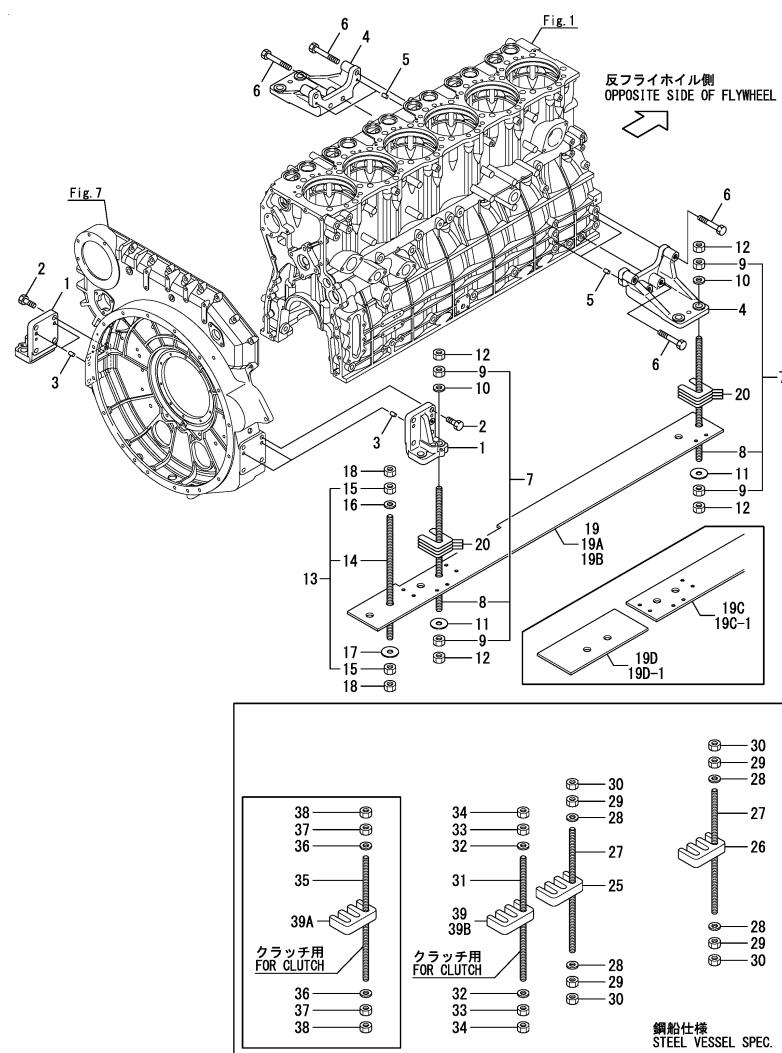
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148660-01880	COVER, FRONT DRIVE	1	1	1			
1-1	1	148660-01881	COVER, FRONT DRIVE (A=E/#5788)                   (B=E/#5792)                   (C=E/#5808)	1	1	1			R
2	1	148620-01860	GASKET, COVER	1	1	1			
3	1	26106-100302	BOLT, M10X 30 PLATED	8	8	8			
4	1	26366-100002	NUT, M10	2	2	2			
5	1	23876-040000	PLUG, R04	1	1	1			
6	1	26106-100352	BOLT, M10X 35 PLATED	4	4	4			

## Fig.13. MOUNTING FOOT



## Remarks

- (1)YXH-240 specification.
- (2)YX-181 specification.
- (3)YX-180L specification.
- (4)YX-240L specification.
- (5)Yanmar standard inspection & NKS inspection parts.
- (6)Ships classification parts.
- (7)YXH-240, YXH-240L specification : Yanmar standard inspection & NKS inspection parts.
- (8)YXH-240, YXH-240L specification : Ships classification parts.
- (9)YX-181, YXH180L inspection parts.
- (A)Plate thickness changed from 16mm to 9mm.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-01640	FOOT, MOUNTING SFW	2	2	2
2	1	26156-160452	BOLT, M16X 45 PLATED	8	8	8
3	1	22312-120200	PIN, PARALLEL M12X20	4	4	4
4	1	148620-01651	FOOT, MOUNTING	2	2	2
5	1	22312-120200	PIN, PARALLEL M12X20	4	4	4
6	1	26156-160802	BOLT, M16X 80 PLATED	8	8	8
7	1	744626-92400	BOLT ASSY, M20X350	8	8	8
8	2	144626-92900	BOLT, M20X350	8	8	8
9	2	26716-200002	NUT, M20	16	16	16
10	1	22137-200000	WASHER, 20	8	8	8
11	1	22157-200000	WASHER, 20	8	8	8
12	1	26756-200002	NUT, LOCK M20	16	16	16
13	1	744626-92400	BOLT ASSY, M20X350	4	4	4
14	2	144626-92900	BOLT, M20X350	4	4	4
15	2	26716-200002	NUT, M20	8	8	8
16	1	22137-200000	WASHER, 20	4	4	4
17	1	22157-200000	WASHER, 20	4	4	4
18	1	26756-200002	NUT, LOCK M20	8	8	8
19	1	148660-08100	BOTTOM BOARD, ENGINE	2	2	1
19-1	1	148660-08101	PLATE, ENGINE (A=E/#4365) (C=E/#5224)	2	2	R 1
19A	1	148692-08100	PLATE, FOUNDATION	2		2
19B	1	148692-08110	PLATE, FOUNDATION	2		3
19C	1	42212-026280	PLATE, BED	2	2	4
19C-1	1	42212-026281	PLATE, 6AY (A=E/#2549) (B=E/#2794)	2	2	S A
19D	1	42212-026290	PLATE, CLUTCH BED	2	2	4
19D-1	1	42212-026291	PLATE, YXH-240L (A=E/#2549) (B=E/#2794)	2	2	S A
20	1	148816-08200	SHIM SET	12	12	12
25	1	42212-550800	LINER, CHOKE	2	2	2
26	1	42212-551190	LINER, FOOT	2	2	2
27	1	45521-552460	BOLT, M20 L=210	8	8	8
28	1	22137-200000	WASHER, 20	16	16	16
29	1	26716-200002	NUT, M20	16	16	16
30	1	26756-200002	NUT, LOCK M20	16	16	16
31	1	45521-552460	BOLT, M20 L=210	4	4	4
32	1	22137-200000	WASHER, 20	8	8	8
33	1	26716-200002	NUT, M20	8	8	8
34	1	26756-200002	NUT, LOCK M20	8	8	8
35	1	45522-550050	BOLT, REAMER M22	4	4	4
36	1	22137-220000	WASHER, 22	8	8	6
37	1	26736-220002	NUT, M22	8	8	6
38	1	26776-220002	NUT, LOCK M22	8	8	6
39	1	42212-551190	LINER, FOOT	2	2	7
39A	1	42212-026000	LINER, FOOT	2	2	8
39B	1	42212-500370	LINER, FOOT T=35	2		9

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

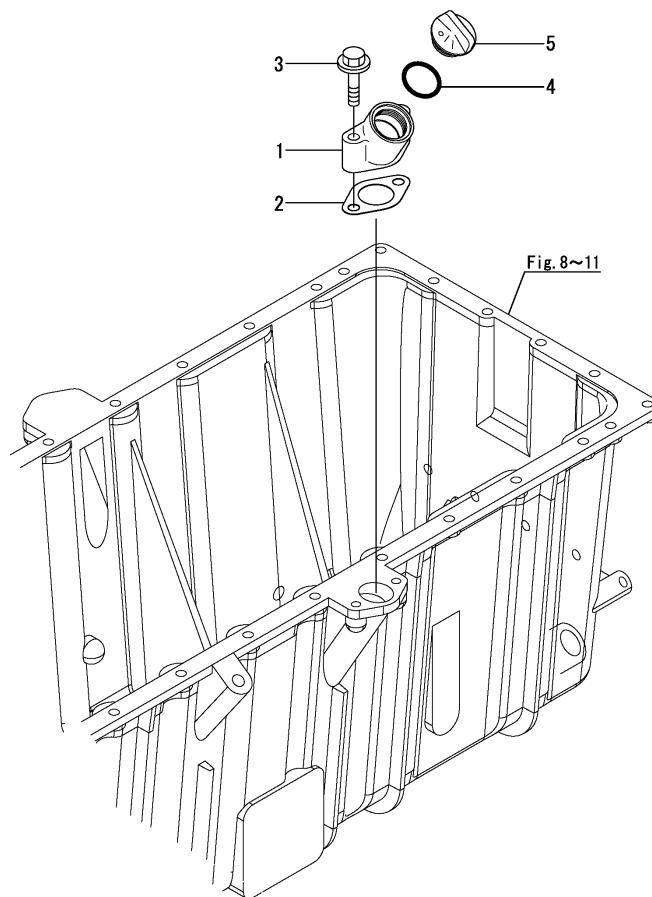
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## Fig.14. LUB. OIL FEEDER

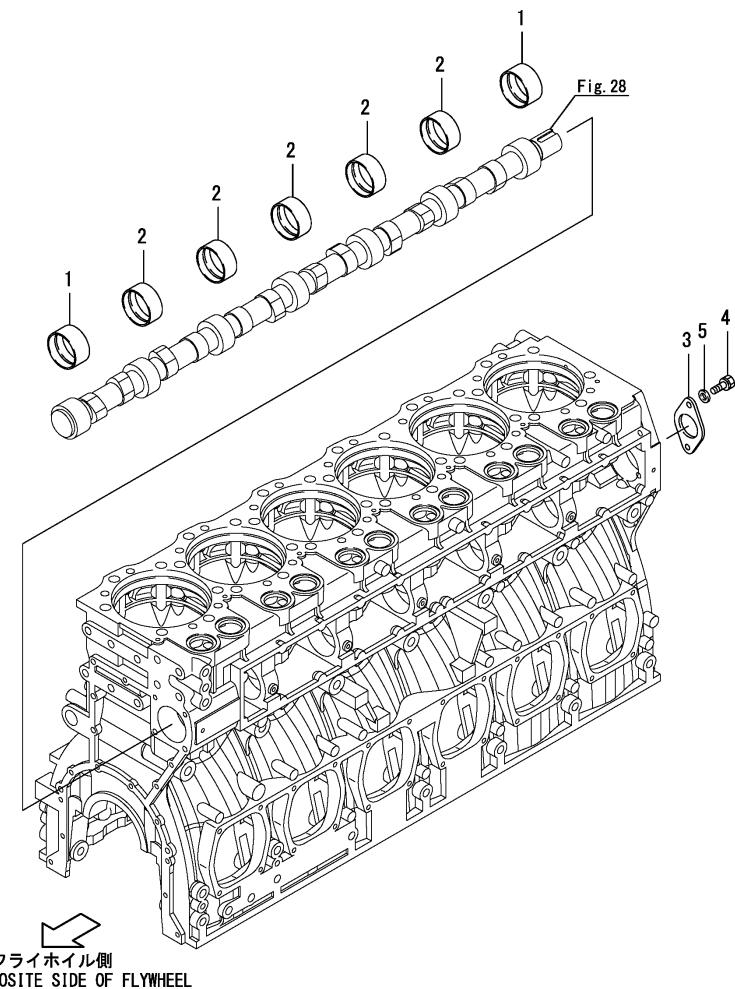
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148620-01350	FEEDER, OIL	1	1	1			
2	1	148628-01641	GASKET, FILLER	1	1	1			
3	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2			
4	1	24316-000320	O-RING, 4DP32.0	1	1	1			
5	1	124160-01751	CAP, FILLER	1	1	1			



## Fig.15. CAMSHAFT METAL



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

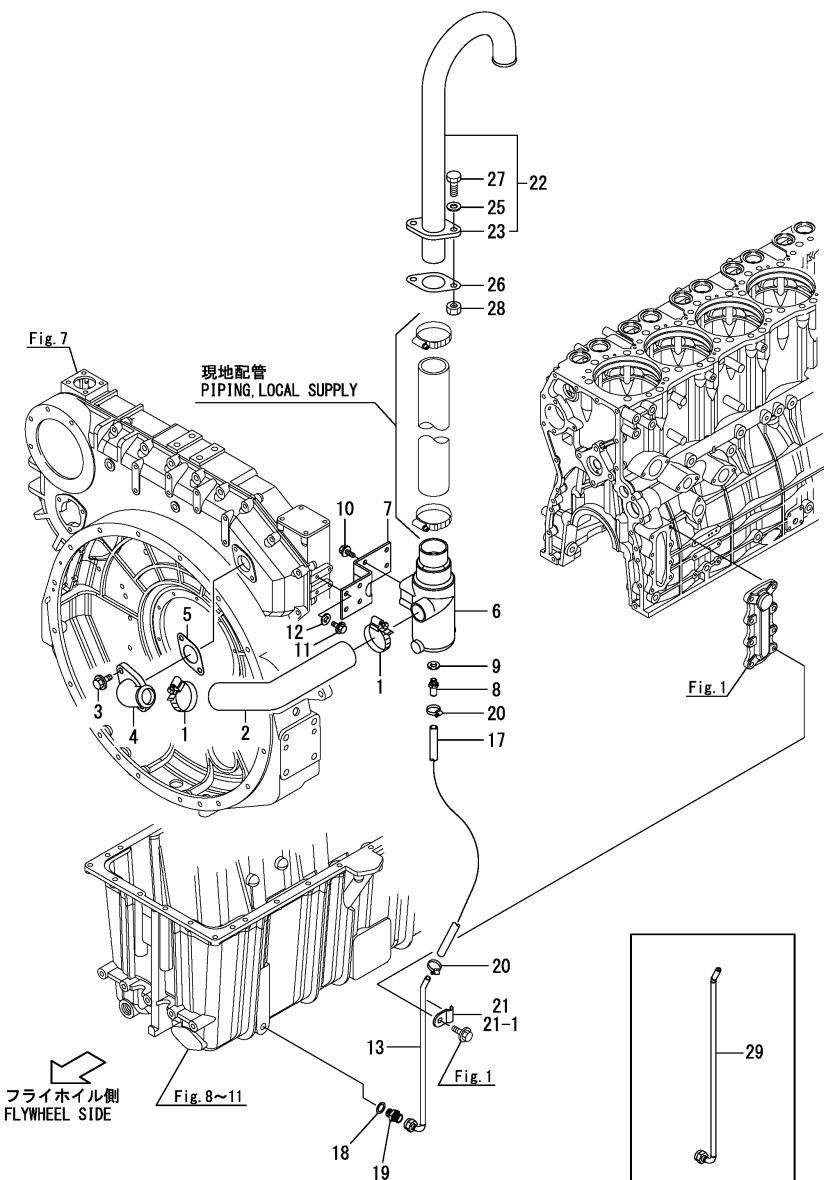
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148616-02400	METAL, CAMSHAFT B	2 2 2		
2	1	148616-02420	METAL, CAMSHAFT A	5 5 5		
3	1	148620-02481	METAL, CAMSHAFT	1 1 1		
3-1	1	148620-02482 (A=E/#5101)                   (B=E/#5038)                   (C=E/#5099)	METAL, CAMSHAFT	1 1 1		R
4	1	26013-120302	BOLT, M12X 30	2 2 2		
5	1	22137-120000	WASHER, 12	2 2 2		

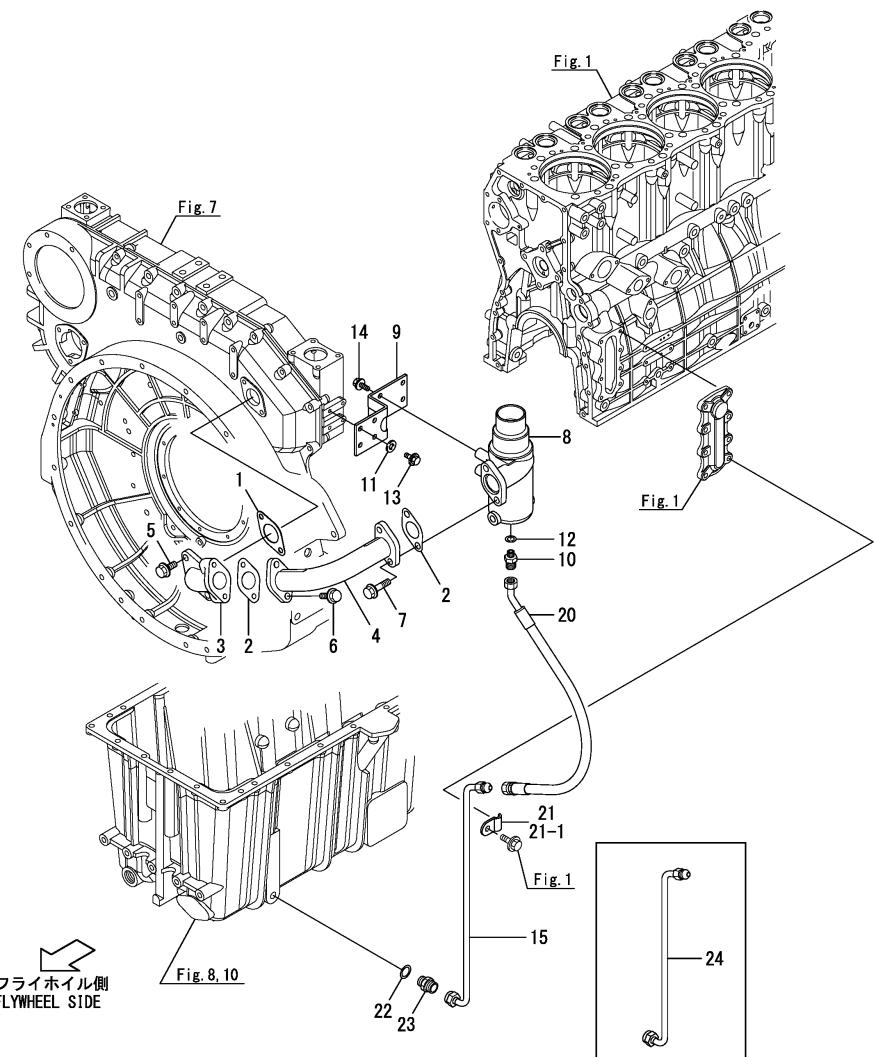
## Fig.16. BREATHER PIPE

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



## Fig.17. BREATHER PIPE(ABS INSPECTION PARTS)



## Remarks

(1)Shallow type Oil Sump specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

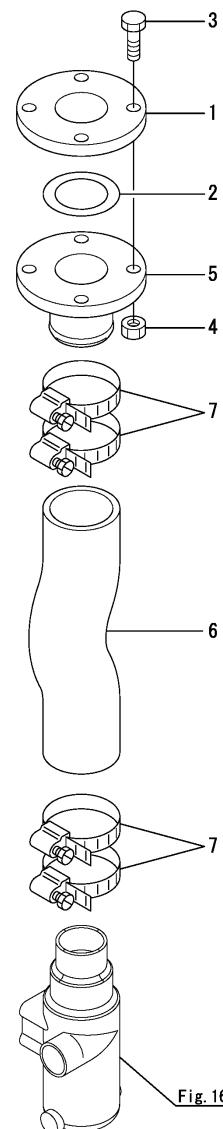
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-01440	PACKING	1	1	1			
2	1	148616-01641	PACKING, COVER	2	2	2			
3	1	148690-03320	BEND, BREATHER	1	1	1			
4	1	148690-03330	PIPE, MIST DRAIN	1	1	1			
5	1	26106-100252	BOLT, M10X 25 PLATED	2	2	2			
6	1	26106-100302	BOLT, M10X 30 PLATED	2	2	2			
7	1	26106-100352	BOLT, M10X 35 PLATED	2	2	2			
8	1	148690-03301	SEPARATOR	1	1	1			
9	1	148620-03460	BRACKET, SEPARATOR	1	1	1			
10	1	148690-03472	UNION, M12-G3/8	1	1	1			
11	1	22137-080000	WASHER, 8	4	4	4			
12	1	23414-120000	GASKET, 12X1.0	1	1	1			
13	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4			
14	1	26106-080202	BOLT, M8X 20 PLATED	4	4	4			
15	1	148690-03431	PIPE ASSY, DRAIN	1	1	1			
15-1	1	148690-03432	PIPE ASSY, DRAIN (A=E/#5109) (B=E/#4333) (C=*2012.12)	1	1	1		N	
20	1	148690-03461	HOSE, RUBBER	1	1	1			
21	1	23297-100121	CLAMP, A10X12	1	1	1			
21-1	1	148620-03520	SUPPORT,PIPE (A=E/#4006) (B=E/#4012) (C=E/#4007)	1	1	1		S	
22	1	23414-160000	GASKET, 16X1.0	1	1	1			
23	1	23831-100000	UNION, 10	1	1	1			
24	1	148690-03500	PIPE ASSY, DRAIN	1	1	1			1
24-1	1	148690-03501	PIPE ASSY, DRAIN (A=*2012.12) (B=*2012.12) (C=*2012.12)	1	1	1		N	1

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.18. MIST FLEXIBLE PIPE(SHIPS CLASSIFICATION PARTS)

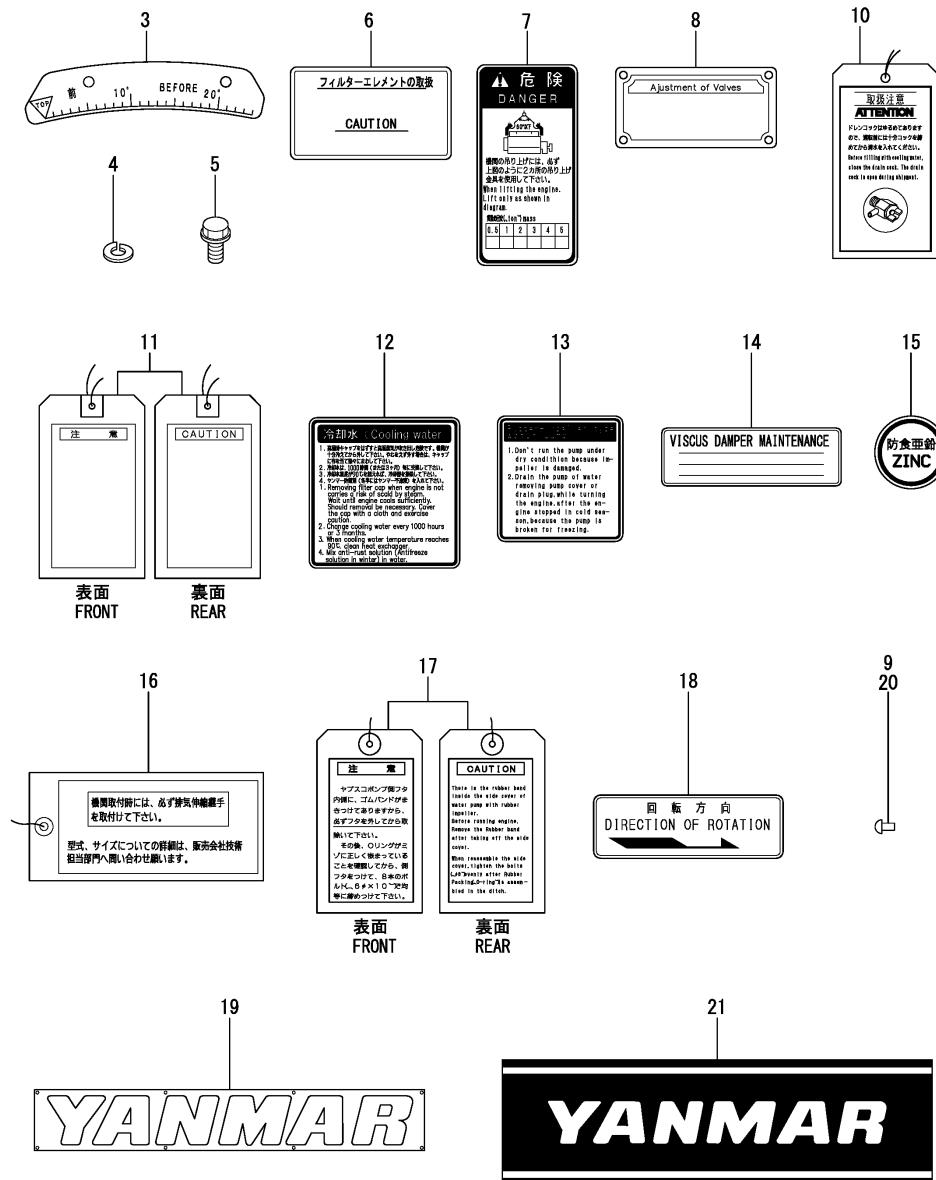


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	23211-050061	FLANGE, 5K 50	1	1	1		
2	1	23438-050000	GASKET, 5K50X1.5	1	1	1		
3	1	26116-120402	BOLT, M12X 40 PLATED	4	4	4		
4	1	26716-120002	NUT, M12	4	4	4		
5	1	43560-550590	JOINT, SEA WATER IN	1	1	1		
6	1	43720-018700	JOINT, RUBBER	1	1	1		
7	1	43730-552191	CLIP, HOSE 85	4	4	4		

## Fig.19. LABEL



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

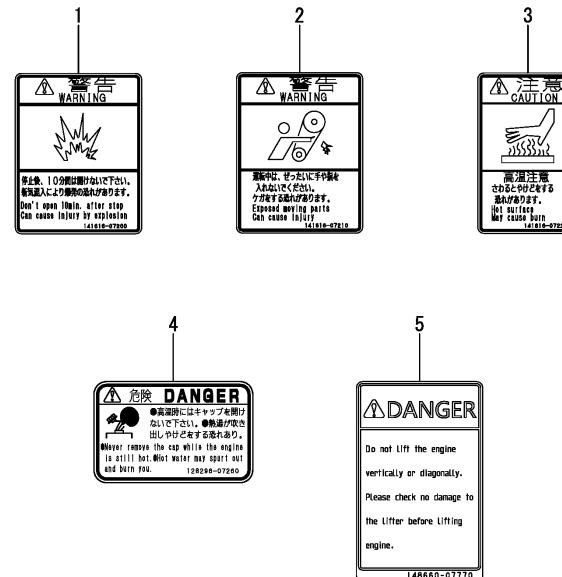
No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
3	1	148620-07301	LABEL, TURNING GUIDE	1 1 1		
3-1	1	148620-07302 (A=E/#5661)	LABEL, TURNING GUIDE (B=E/#5701)	1 1 1	N	
4	1	22217-060000	WASHER, SPRING 6	2 2 2		
5	1	26106-060122	BOLT, M6X 12 PLATED	2 2 2		
6	1	42222-550301	LABEL, ELEMENT	1 1 1		
7	1	148616-07362 (A=2012.10)	LABEL, LIFTER DANGER (B=2012.10)	1 1 1	Z	
8	1	148620-07160	LABEL, VALVE ADJUST	1 1 1		
9	1	22624-200030	RIVET, 2.0X 3	4 4 4		
10	1	123682-07852 (A=2017.11)	LABEL, CAUTION (B=2017.11)	3 3 3	Z	
11	1	126630-07361	LABEL, TANK CAUTION	1 1 1		
12	1	129198-07350	LABEL, TANK	1 1 1		
13	1	135665-07210	LABEL, WATER PUMP	1 1 1		
14	1	148619-28990	LABEL, CAUTION	1 1 1		
15	1	124220-09340	LABEL, ZINC	8 8 8		
16	1	42221-554790	LABEL, CAUTION	1 1 1		
17	1	126630-07990	LABEL, CAUTION	1 1 1		
18	1	148619-07931	LABEL, REVOLUT.FACE R	2 2 2		
19	1	126443-07100	LABEL, YANMAR MARK	1 1 1		
20	1	22624-200030	RIVET, 2.0X 3	8 8 8		
21	1	126687-07991	LABEL	2 2 2		

## Fig.20. LABEL(SAFETY)

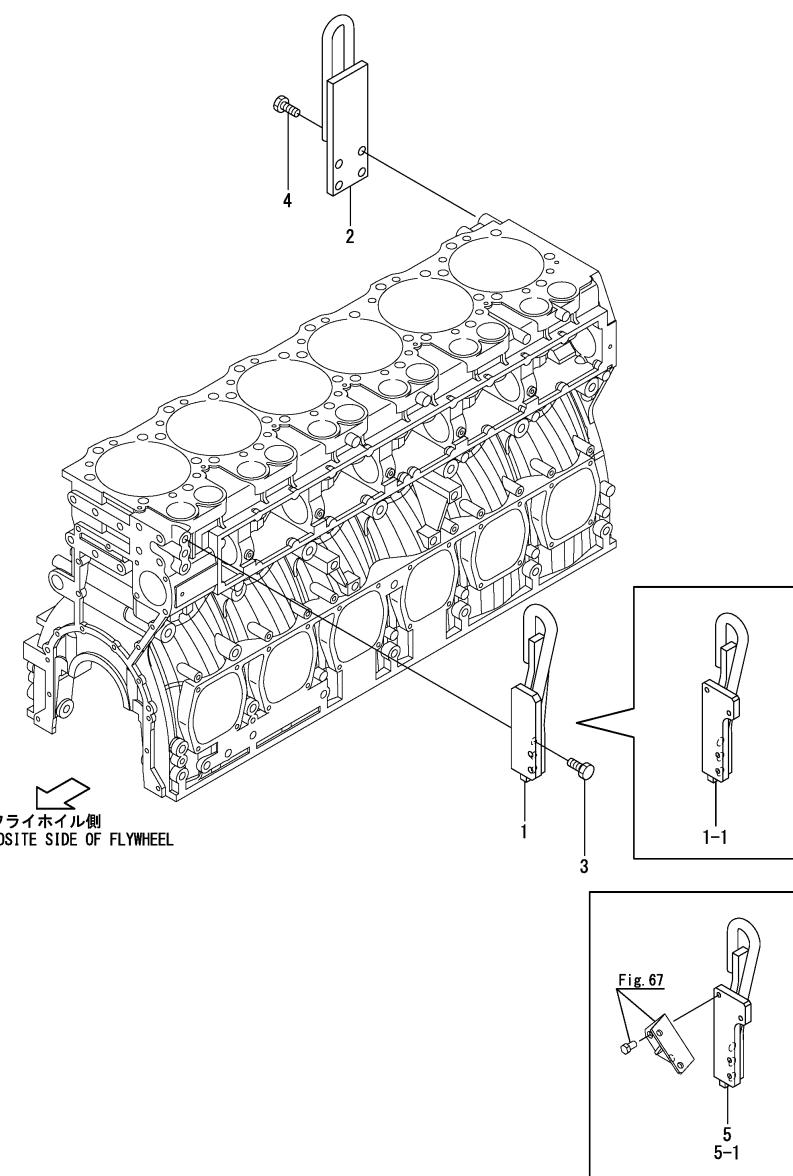
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	141616-07200	LABEL, BLOW	1 1 1		
2	1	141616-07210	LABEL, CAUTION	3 3 3		
3	1	141616-07220	LABEL, CAUTION	3 3 3		
4	1	128296-07260	LABEL, PRESSURE CAP	1 1 1		
5	1	148660-07770	LABEL, SAFETY	2 2 2		W
(A=E/#7527) (B=E/#7521) (C=E/#7522)						



## Fig.21. ENGINE LIFTER



## Remarks

- (1) Two-line fresh water/sea water cooling specification.
- (2) Two-line fresh water/fresh water cooling specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148660-07910	LIFTER, ENGINE	1	1	1			1	
1-1	1	148690-07911	LIFTER, OFW	1	1	1			R	1
		(A=E/#5746)	(B=E/#5744)	(C=E/#5762)						
2	1	148660-07920	LIFTER, ENGINE	1	1	1				
3	1	26156-160352	BOLT, M16X 35 PLATED	3	3	3				
4	1	26156-160352	BOLT, M16X 35 PLATED	4	4	4				
5	1	148690-07910	LIFTER	1	1	1				2
5-1	1	148690-07911	LIFTER, OFW	1	1	1			R	2
		(A=E/#5746)	(B=E/#5744)	(C=E/#5762)						

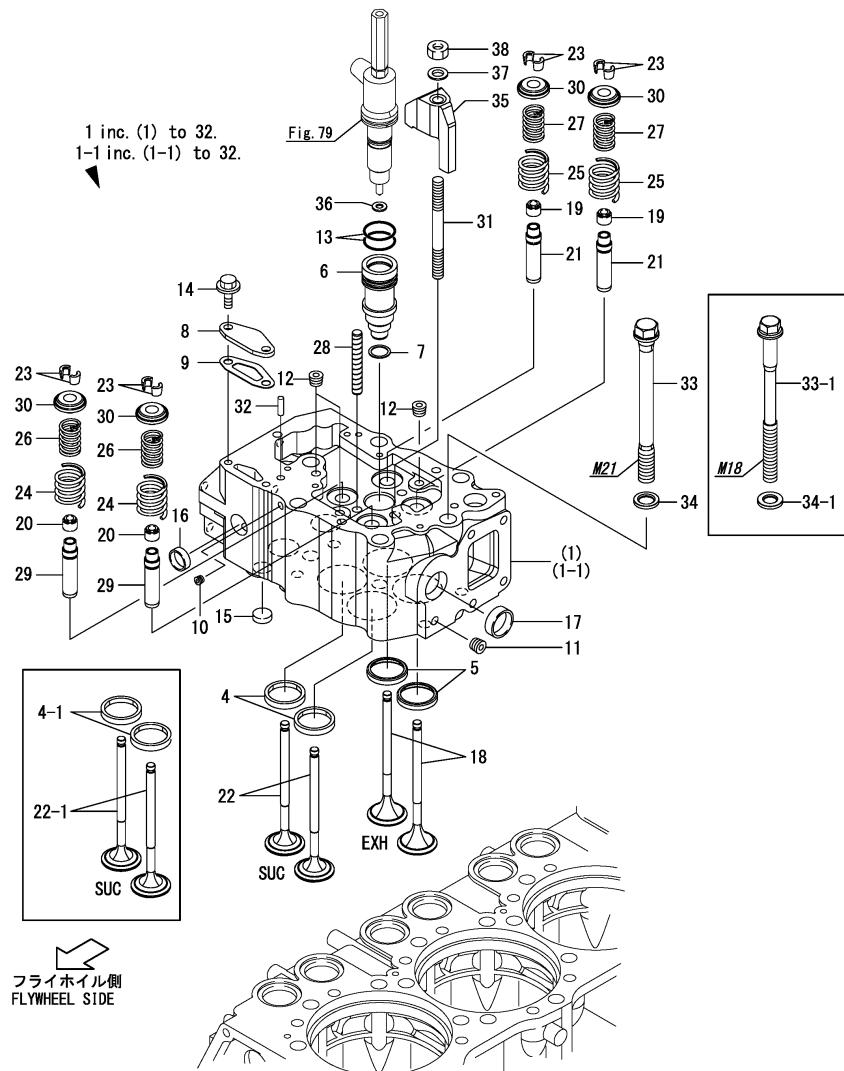
N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.22. CYLINDER HEAD

- (A)=6AYM-WET
- (B)=6AYM-WST
- (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I
1	1	748699-11050	HEAD ASSY, CYLINDER	6	6	6				
1-1	1	748699-11051	HEAD ASSY, CYLINDER	6	6	6				S 1
		(A=E/#4006)	(B=E/#4012)	(C=E/#4007)						
1-2	1	748699-11052	HEAD ASSY, CYLINDER	6	6	6				N
		(A=E/#4440)	(B=E/#4450)	(C=E/#4523)						
4	3	148620-11070	SEAT, INTAKE VALVE	12	12	12				
4-1	3	148660-11080	SEAT, INTAKE VALVE	12	12	12				S 2
		(A=E/#4440)	(B=E/#4450)	(C=E/#4523)						
5	3	148620-11092	SEAT, EXHAUST VALVE	12	12	12				
5-1	3	148620-11093	SEAT, EXHAUST VALVE	12	12	12				R
		(A=E/#5967)	(B=E/#5994)	(C=E/#5971)						
6	3	148620-11770	SLEEVE, FUEL VALVE	6	6	6				
6-1	3	148620-11780	SLEEVE, FUEL VALVE	6	6	6				R
		(A=E/#5231)	(B=E/#4966)	(C=E/#5273)						
7	3	146673-11870	PACKING, SLEEVE	6	6	6				
8	3	148616-11970	FLANGE	6	6	6				
9	3	148616-11981	PACKING, FLANGE	6	6	6				
9-1	3	148616-11982	GASKET, FLANGE	6	6	6				N
		(A=E/#6514)	(B=E/#6543)	(C=E/#6531)						
10	3	23876-010000	PLUG, R01	6	6	6				
11	3	23876-030000	PLUG, R03	18	18	18				
12	3	23876-040000	PLUG, R04	12	12	12				
13	3	24326-000400	O-RING, 4DG40.0	12	12	12				
14	3	26106-100202	BOLT, M10X 20 PLATED	12	12	12				
15	3	27241-250000	PLUG, 25	6	6	6				
16	3	27241-300000	PLUG 30	12	12	12				
17	3	27241-400000	PLUG, 40	6	6	6				
18	3	148620-11110	VALVE, EXHAUST	12	12	12				
19	3	148628-11140	SEAL, VALVE STEM	12	12	12				
20	3	148928-11160	SEAL, VALVE STEM	12	12	12				
21	3	148616-11170	GUIDE, VALVE	12	12	12				
22	3	148620-11180	VALVE, INTAKE	12	12	12				
22-1	3	148660-11100	VALVE, SUCTION	12	12	12				S 2
		(A=E/#4440)	(B=E/#4450)	(C=E/#4523)						
22-2	3	148660-11101	VALVE, INTAKE	12	12	12				R
		(A=E/#5434)	(B=E/#5418)	(C=E/#5460)						
23	3	148633-11190	COTTER, VALVE	48	48	48				
24	3	148620-11460	SPRING, VALVE OUTER	12	12	12				
25	3	148660-11460	SPRING, VALVE OUTER	12	12	12				
25-1	3	148660-11461	SPRING, VALVE OUTER	12	12	12				R
		(A=E/#6736)	(B=E/#6705)	(C=E/#6771)						
26	3	148620-11470	SPRING, VALVE INNER	12	12	12				
27	3	148660-11470	SPRING, VALVE INNER	12	12	12				
27-1	3	148660-11471	SPRING, VALVE INNER	12	12	12				R
		(A=E/#6736)	(B=E/#6705)	(C=E/#6771)						
28	3	148620-11530	GUIDE, BRIDGE	12	12	12				
29	3	148928-11650	GUIDE, VALVE	12	12	12				
30	3	175149-11701	ROTATOR, VALVE	24	24	24				
30-1	3	175149-11702	ROTATOR, VALVE	24	24	24				R
		(A=E/#5434)	(B=E/#5418)	(C=E/#5460)						
31	3	148620-11911	BOLT, INJECTOR	6	6	6				

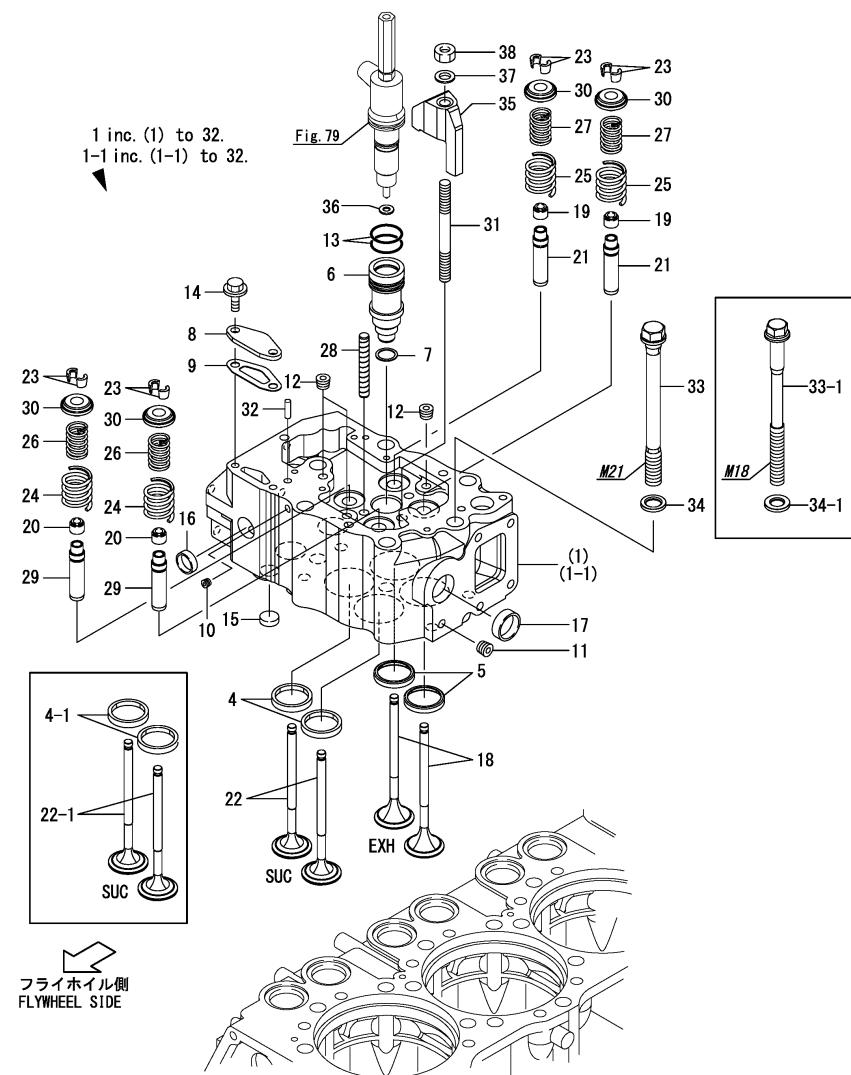
## Remarks

(1) No.1-1, 33-1, 34-1 & Fig.1 No.1-1 are interchangeable by set  
(2) No.4-1 & No.22-1 are interchangeable by set.

Please refer to service news No.13-1-A-7-D08-N for details

N:Old Yes New, Q:Old No New, R:Old Yes New, S:Old No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change  
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## Fig.22. CYLINDER HEAD



## Remarks

- (1)No.1-1, 33-1, 34-1 & Fig.1 No.1-1 are interchangeable by set.
- (2)No.4-1 & No.22-1 are interchangeable by set.

Please refer to service news No.13-1-A-7-D08-N for details.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
32	2	22312-080100	PIN, PARALLEL M8X10	12	12	12			
33	1	148620-11800	BOLT, CYLINDER HEAD	36	36	36			
33-1	1	148620-11801	BOLT, CYLINDER HEAD	36	36	36			
			(A=E/#4006) (B=E/#4012) (C=E/#4007)						
34	1	148620-11820	WASHER, HEAD BOLT	36	36	36			
34-1	1	148620-11821	WASHER, HEAD BOLT	36	36	36			
			(A=E/#4006) (B=E/#4012) (C=E/#4007)						
35	1	148620-11901	RETAINER, VALVE	6	6	6			
36	1	148610-11930	GASKET, VALVE T=3.0	6	6	6			
37	1	140623-53360	WASHER, NOZZLE	6	6	6			
38	1	26602-140002	NUT, M14	6	6	6			

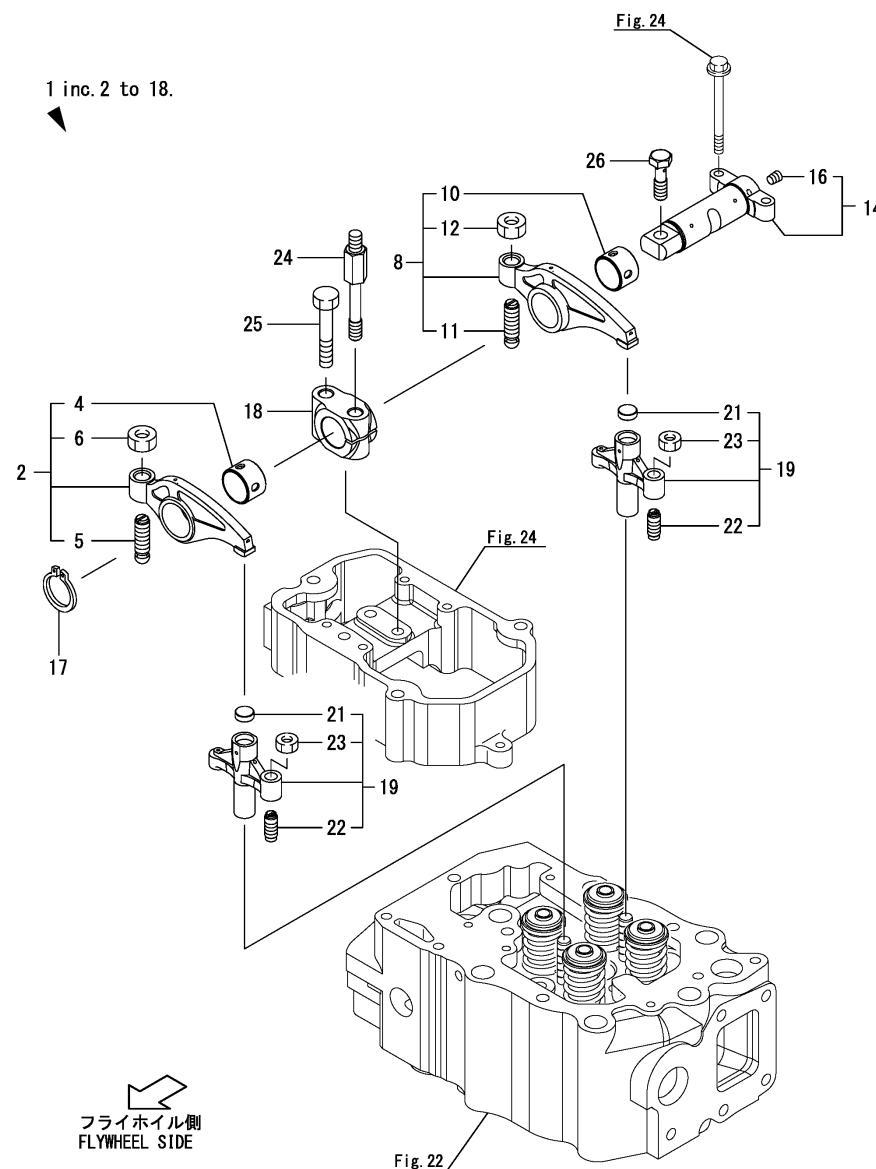
N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.23. ROCKER ARM

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

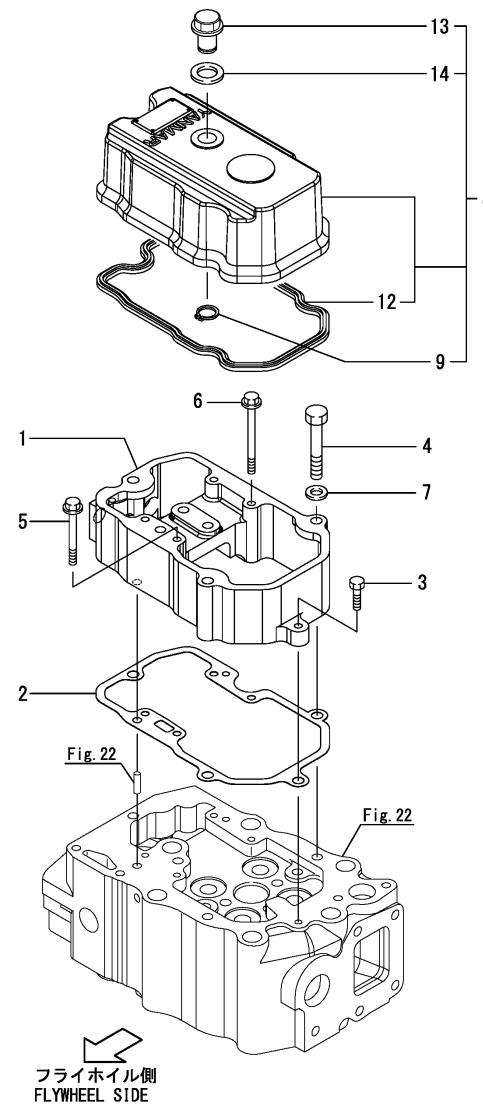


No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	748960-11151	SUPPORT ASSY, ROCKER	6	6	6		
2	2	748960-11871	ARM ASSY, ROCKER INT	6	6	6		
4	3	148960-11221	BUSH, ROCKER ARM	6	6	6		
5	3	148616-11230	SCREW, VALVE ADJUST	6	6	6		
6	3	26692-140002	NUT, LOCK M14	6	6	6		
8	2	748960-11881	ARM ASSY, ROCKER EXH	6	6	6		
10	3	148960-11221	BUSH, ROCKER ARM	6	6	6		
11	3	148616-11230	SCREW, VALVE ADJUST	6	6	6		
12	3	26692-140002	NUT, LOCK M14	6	6	6		
14	2	748960-11891	SHAFT ASSY, ROCKER	6	6	6		
16	3	23876-005000	PLUG, R005	6	6	6		
17	2	22242-000320	RING, 32	6	6	6		
18	2	148620-11260	SUPPORT, ROCKER ARM	6	6	6		
19	1	748620-11261	BRIDGE ASSY, VALVE	12	12	12		
21	2	140623-11740	RETAINER	12	12	12		
22	2	148616-11520	SCREW, ADJUSTING	12	12	12		
23	2	26776-120002	NUT, LOCK M12	12	12	12		
24	1	148620-11272	BOLT, ROCKER SHAFT A	6	6	6		
25	1	148620-11290	BOLT, ROCKER SHAFT B	6	6	6		
26	1	148960-11280	BOLT, ROCKER SHAFT B	6	6	6		

## Fig.24. BONNET

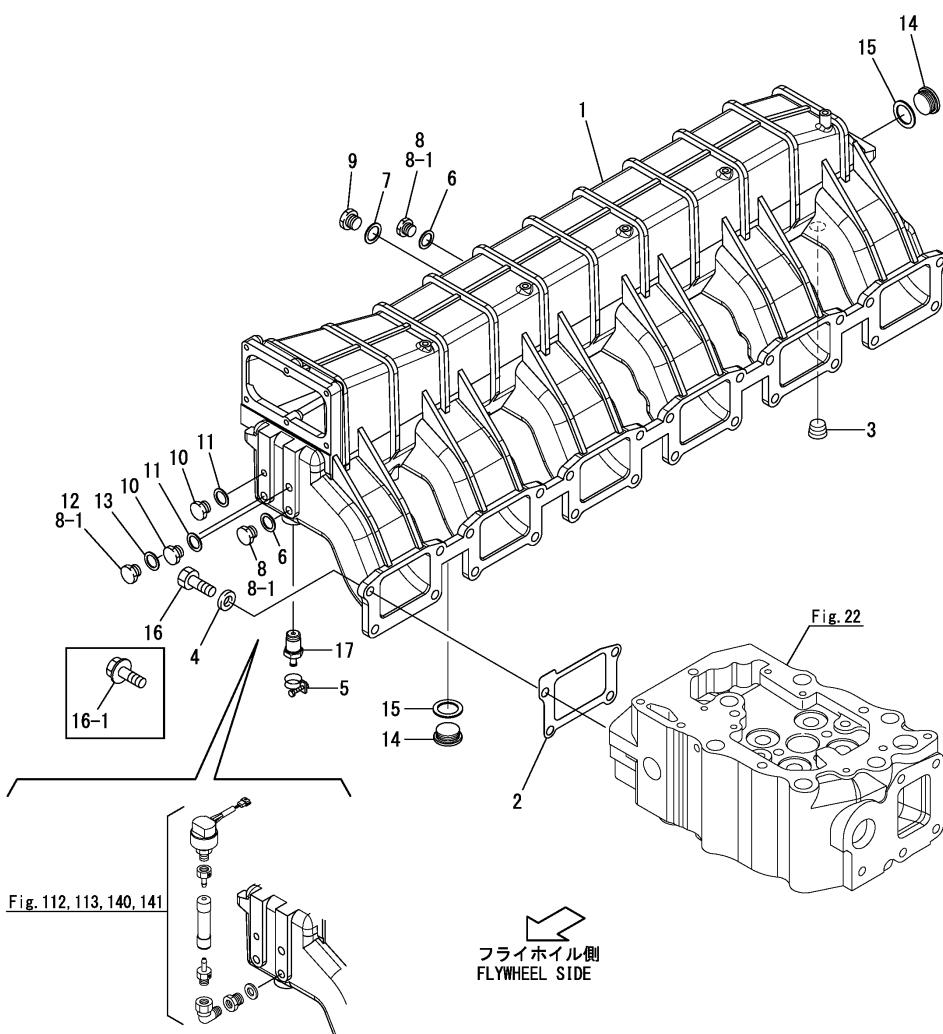
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-11304	HOUSING, ROCKER ARM	6 6 6		
1-1	1	148620-11305	HOUSING, ROCKER ARM (A=E/#2515) (B=E/#2517) (C=E/#2627)	6 6 6	R	
1-2	1	148620-11306	HOUSING, ROCKER ARM (A=E/#7886) (B=E/#7911) (C=E/#7880)	6 6 6	R	
2	1	148620-11701	GASKET, HOUSING	6 6 6		
3	1	26106-080302	BOLT, M8X 30 PLATED	6 6 6		
4	1	26116-120902	BOLT, M12X 90 PLATED	18 18 18		
5	1	26106-080852	BOLT, M8X 85 PLATED	12 12 12		
6	1	26106-081052	BOLT, M8X105 PLATED	12 12 12		
7	1	22117-120000	WASHER, 12	18 18 18		
8	1	748960-11310	BONNET ASSY, HEAD	6 6 6		
9	2	22242-000160	RING, 16	6 6 6		
12	3	148628-11330	GASKET, BONNET	6 6 6		
13	2	148620-11441	BOLT	6 6 6		
13-1	2	148620-11442	BOLT, BONNET COVER (A=E/#5101) (B=E/#5038) (C=E/#5099)	6 6 6	R	
14	2	22190-160001	WASHER, SEAL 16	6 6 6		

## Fig.25. SUCTION MANIFOLD

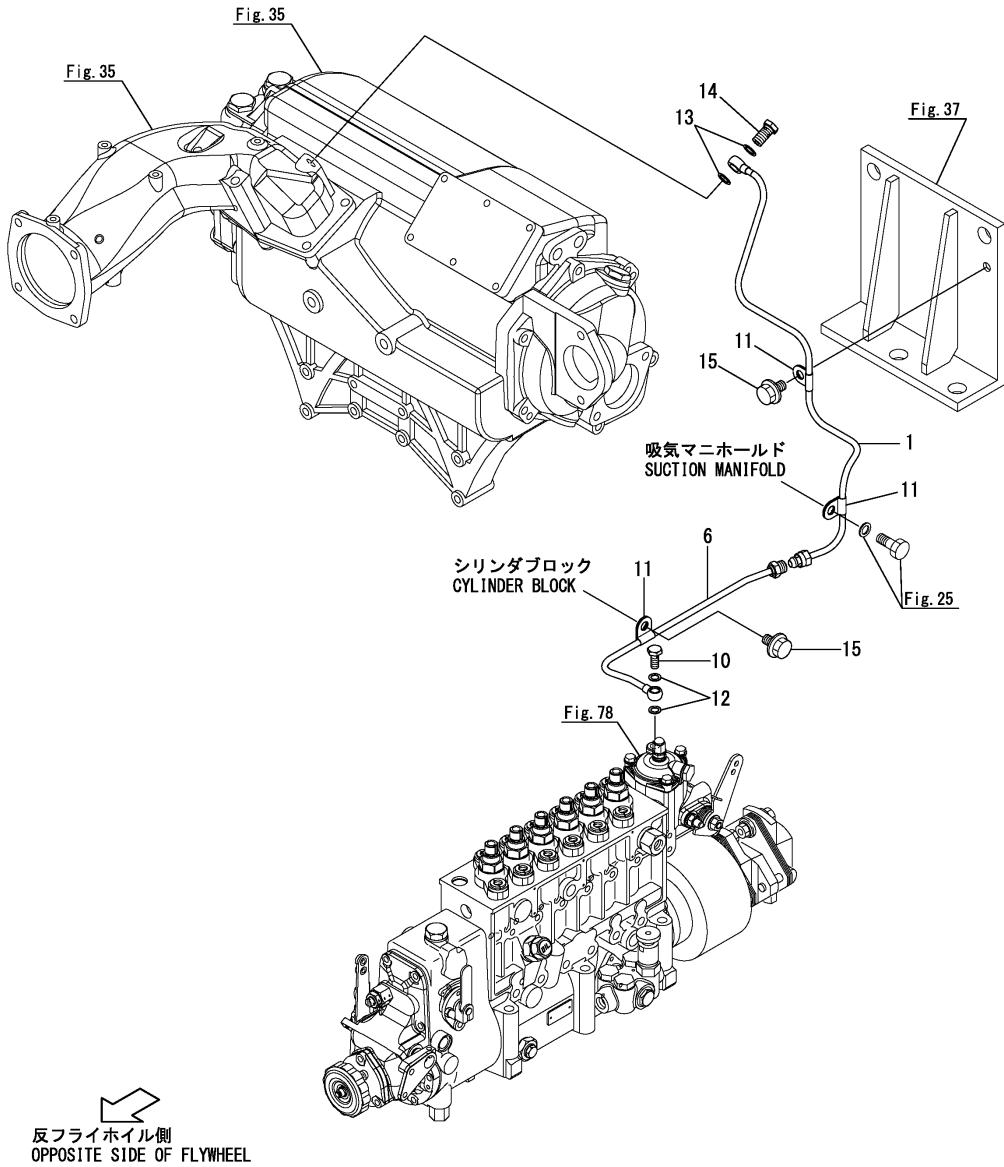


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-12100	MANIFOLD, INTAKE	1 1 1		
1-1	1	148660-12101	MANIFOLD, INTAKE	1 1 1	N	
		(A=E/#7994) (B=E/#8027) (C=E/#8019)				
2	1	148620-12150	GASKET, MANIFOLD	6 6 6		
3	1	23876-030000	PLUG, R03	1 1 1		
4	1	22137-120000	WASHER, 12	24 24 24	Z	
		(A=*2014.02) (B=*2014.02) (C=*2014.02)				
5	1	23010-015000	CLAMP, 15	2 2 2		
6	1	23414-120000	GASKET, 12X1.0	2 2 2		
7	1	23414-170000	GASKET, 17X1.0	1 1 1		
8	1	23887-120002	PLUG, 12	2 2 2		
8-1	1	23887-120002	PLUG, 12	3 3 3	K	
		(A=*2013.05) (B=*2013.05) (C=*2013.05)				
9	1	23897-030002	PLUG G3/8,HEX.	1 1 1		
10	1	23897-010002	PLUG, G1/8	2 2 2		
11	1	23414-100000	GASKET, 10X1.0	2 2 2		
12	1	126684-49910	PLUG, PIPE	1 1 1	Z	
		(A=*2013.05) (B=*2013.05) (C=*2013.05)				
13	1	23414-120000	GASKET, 12X1.0	1 1 1		
14	1	127610-11750	PLUG, SCREW M33X1.5	3 3 3		
15	1	127610-11760	GASKET	3 3 3		
16	1	26116-120302	BOLT, M12X 30 PLATED	24 24 24		
16-1	1	26106-120302	BOLT, M12X 30 PLATED	24 24 24	N	
		(A=*2014.02) (B=*2014.02) (C=*2014.02)				
17	1	148660-18640	DRAIN ASSY, AUTO	1 1 1		

Fig.26. AIR PIPE

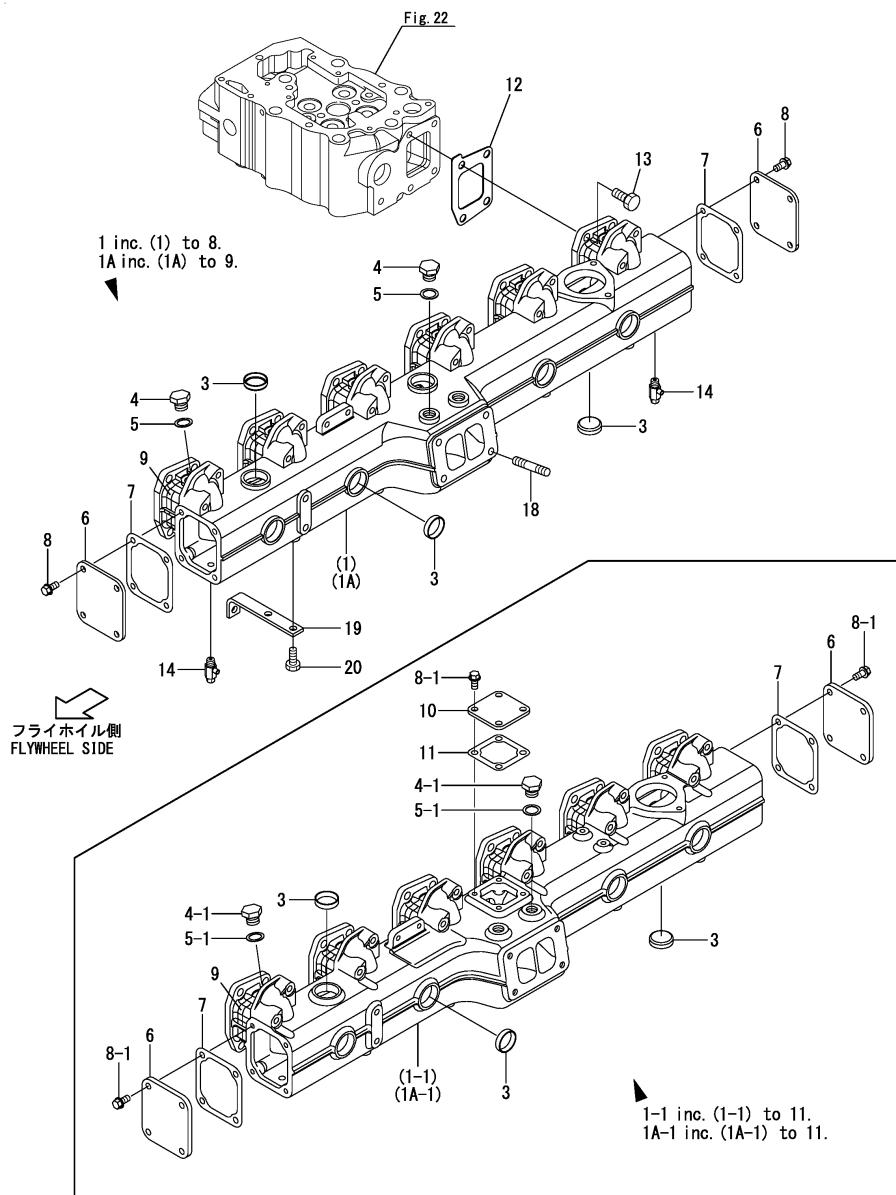


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148660-12410	PIPE, AIR BOOST A	1	1	1			
1-1	1	148660-12480	PIPE ASSY, BOOST A (A=E/#4816) (B=E/#4926) (C=E/#4895)	1	1	1			R
6	1	148660-12430	PIPE, AIR BOOST B	1	1	1			
10	1	148660-12660	BOLT, PIPE JOINT M10	1	1	1			
11	1	23297-080121	CLAMP, A8X12	3	3	3			
12	1	23414-100000	GASKET, 10X1.0	2	2	2			
13	1	23414-140000	GASKET, 14X1.0	2	2	2			
14	1	23854-080000	BOLT, JOINT 8	1	1	1			
15	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2			

## Fig.27. EXHAUST MANIFOLD



## Remarks

- (1)Without lagging.
- (2)With lagging.
- (3)Order No.1A.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

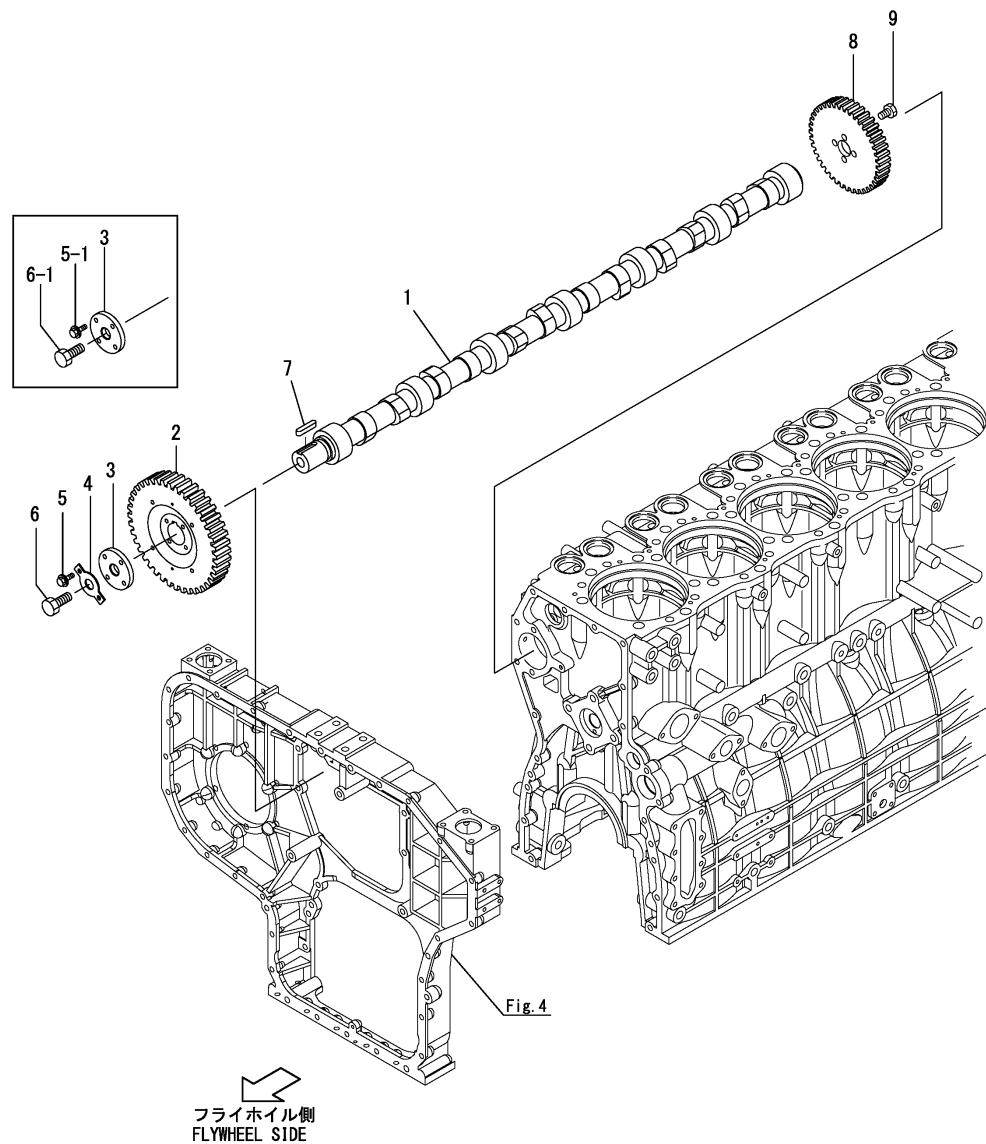
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148660-13100	MANIFOLD ASSY	1	1	1			1
1-1	1	148660-13140	MANIFOLD ASSY (A=E/#5331) (B=E/#5337) (C=E/#5350)	1	1	1			R 1
1A	1	148660-13120	MANIFOLD ASSY	1	1	1			2
1A-1	1	148660-13121	MANIFOLD ASSY (A=E/#5392) (B=E/#5337) (C=E/#5463)	1	1	1			R 2
3	2	27241-400000	PLUG, 40	14	14	14			
4	2	23894-040002	PLUG G1/2,HEX.	10	10	10			
4-1	2	23894-040002	PLUG G1/2,HEX. (A=E/#5331) (B=E/#5337) (C=E/#5350)	8	8	8			K
5	2	23414-210000	GASKET, 21X1.0	10	10	10			
5-1	2	23414-210000	GASKET, 21X1.0 (A=E/#5331) (B=E/#5337) (C=E/#5350)	8	8	8			K
6	2	148660-13501	COVER, MANIFOLD	2	2	2			
7	2	148660-13511	GASKET, SIDE COVER	2	2	2			
8	2	26106-100202	BOLT, M10X 20 PLATED	8	8	8			
8-1	2	26106-100202	BOLT, M10X 20 PLATED (A=E/#5331) (B=E/#5337) (C=E/#5350)	12	12	12			K
9	2	148660-13030	LAGGING	6	6	6			3
10	2	148960-12150	COVER, MANIFOLD (A=E/#5331) (B=E/#5337) (C=E/#5350)	1	1	1			W
11	2	148960-49530	GASKET, MANIFOLD A (A=E/#5331) (B=E/#5337) (C=E/#5350)	1	1	1			W
12	1	148620-13250	GASKET, HEAD	6	6	6			
13	1	26203-120302	BOLT, M12X 30 PLATED	24	24	24			
14	1	119620-49290	COCK ASSY, 1/4	2	2	2			
18	1	26213-120302	STUD, M12X 30	4	4	4			
19	1	148660-13550	SUPPORT, MANIFOLD	2	2	2			
20	1	26106-100202	BOLT, M10X 20 PLATED	6	6	6			

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.28. CAMSHAFT

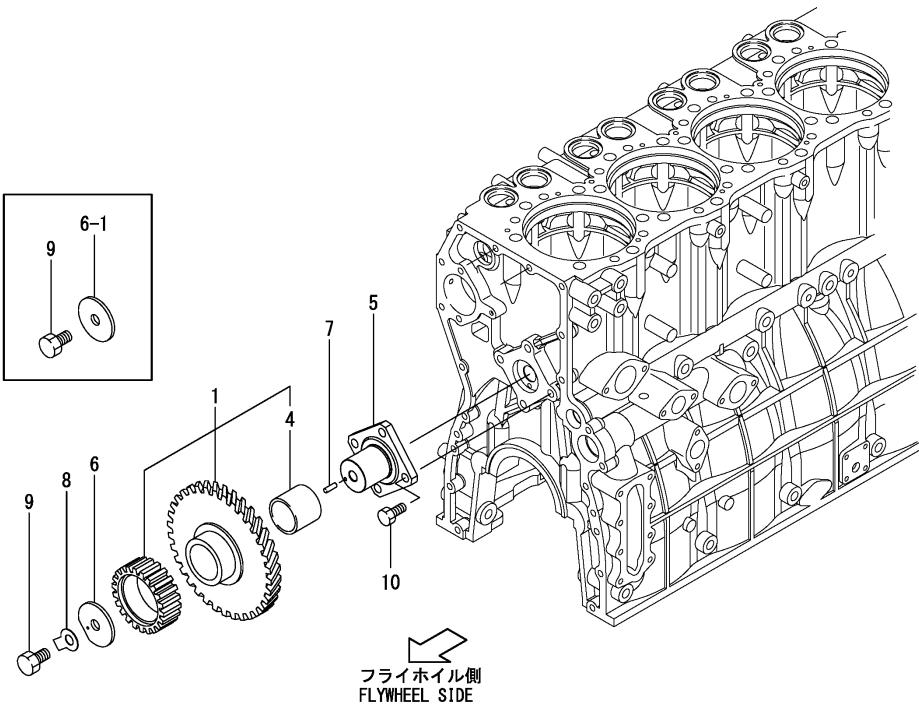


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148699-14140	CAMSHAFT	1 1 1		
1-1	1	148699-14170	CAMSHAFT (A=E/#5860) (B=E/#5914) (C=E/#5856)	1 1 1	R	
2	1	148620-14101	GEAR, CAMSHAFT	1 1 1		
2-1	1	148620-14102	GEAR, CAMSHAFT (A=2019.12) (B=2019.12) (C=2019.12)	1 1 1	N	
2-2	1	148620-14103	GEAR, CAMSHAFT (A=E/#8284) (B=2020.02) (C=2020.02)	1 1 1	R	
3	1	148616-14320	PLATE, CAM GEAR	1 1 1		
4	1	148616-14330	WASHER (A=E/#5101) (B=E/#5038) (C=E/#5099)	1 1 1	Z	
5	1	26106-080202	BOLT, M8X 20 PLATED	4 4 4		
5-1	1	26106-080202	BOLT, M8X 20 PLATED (A=E/#5101) (B=E/#5038) (C=E/#5099)	2 2 2	K	
6	1	26156-200402	BOLT, M20X 40 PLATED	1 1 1		
6-1	1	126683-28240	BOLT, M20X35 (A=E/#5101) (B=E/#5038) (C=E/#5099)	1 1 1	N	
7	1	22512-120450	KEY, 12X 45	1 1 1		
8	1	148660-14750	GEAR, CAMSHAFT	1 1 1		
9	1	26156-120202	BOLT, M12X 20 PLATED	4 4 4		

Fig.29. IDLE GEAR



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

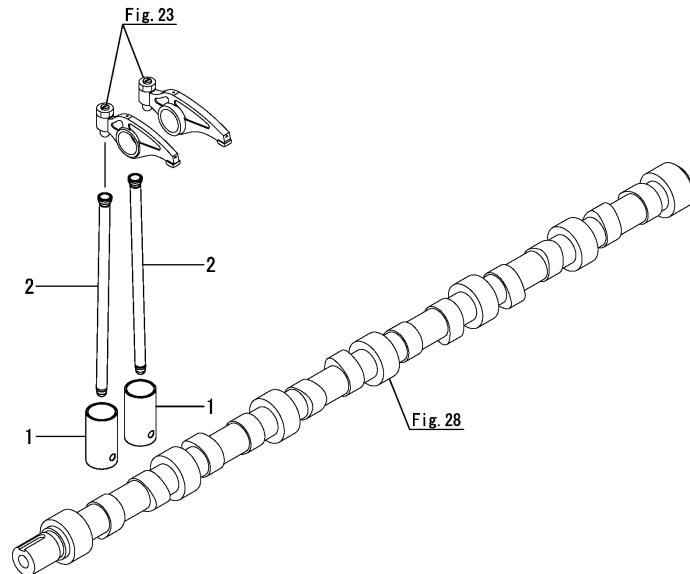
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148620-14900	GEAR ASSY, IDLE	1	1	1					
4	2	148620-14710	BUSH, CAM IDLE	1	1	1					
5	1	148620-14721	BRACKET, IDLE GEAR	1	1	1					
5-1	1	148620-14722	RETAINER, IDLE GEAR (A=E/#5101) (B=E/#5038) (C=E/#5099)	1	1	1					R
6	1	148620-14730	PLATE, IDLE GEAR (A=E/#5101) (B=E/#5038) (C=E/#5099)	1	1	1					Q
6-1	1	148620-14731	PLATE, IDLE GEAR (A=E/#5101) (B=E/#5038) (C=E/#5099)	1	1	1					
7	1	22312-040120	PIN, PARALLEL M4X12 (A=E/#5101) (B=E/#5038) (C=E/#5099)	1	1	1					Z
8	1	152623-14740	WASHER (A=E/#5101) (B=E/#5038) (C=E/#5099)	1	1	1					Z
9	1	26152-180252	BOLT, M18X 25	1	1	1					
10	1	26156-140302	BOLT, M14X 30 PLATED	4	4	4					

## Fig.30. WORKING VALVE DEVICE

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

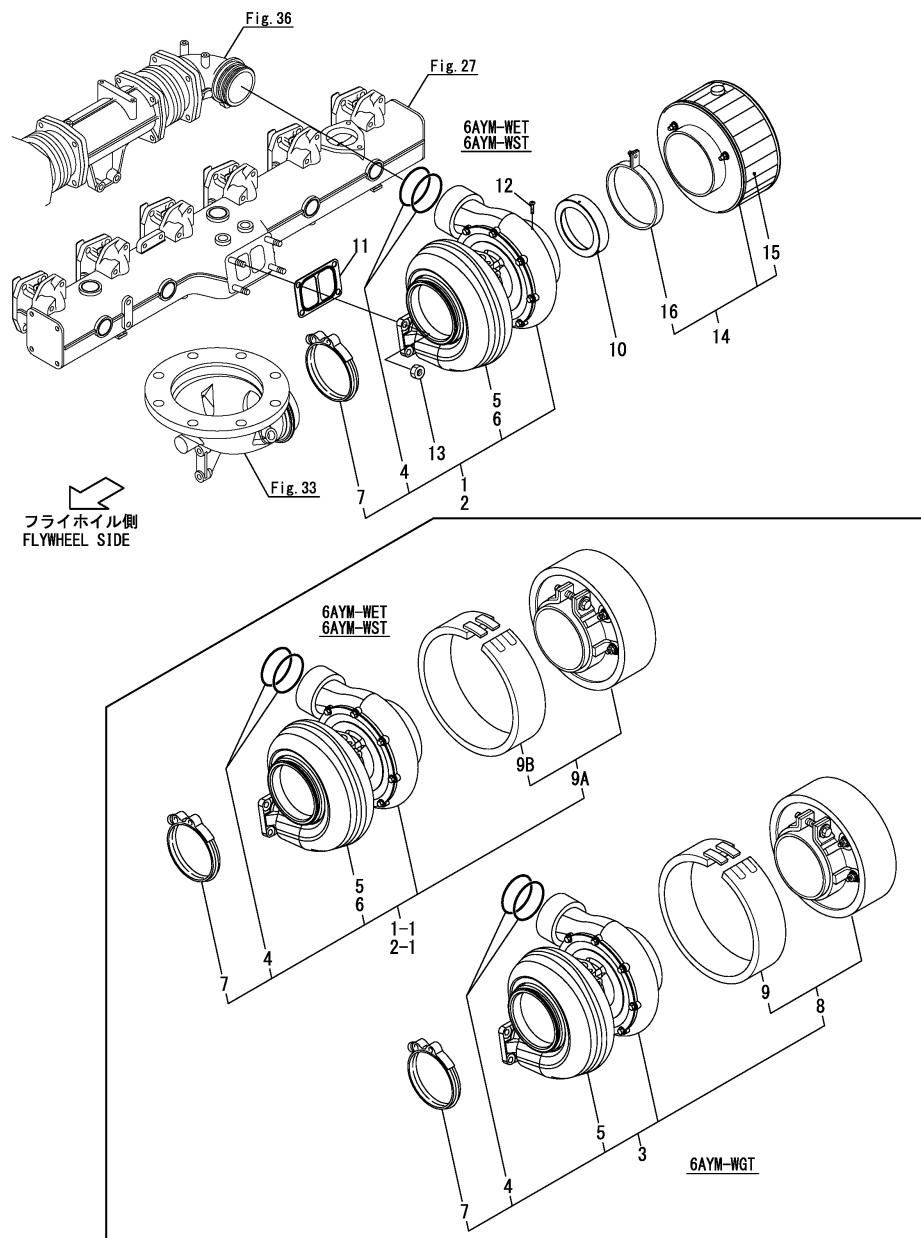
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	130618-14200	TAPPET	12	12	12					
2	1	148620-14460	ROD ASSY, PUSH EXH	12	12	12					



フライホイール側  
FLYWHEEL SIDE

## Fig.31. TURBINE



## Remarks

(1)Inner parts are shown in Fig.32.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

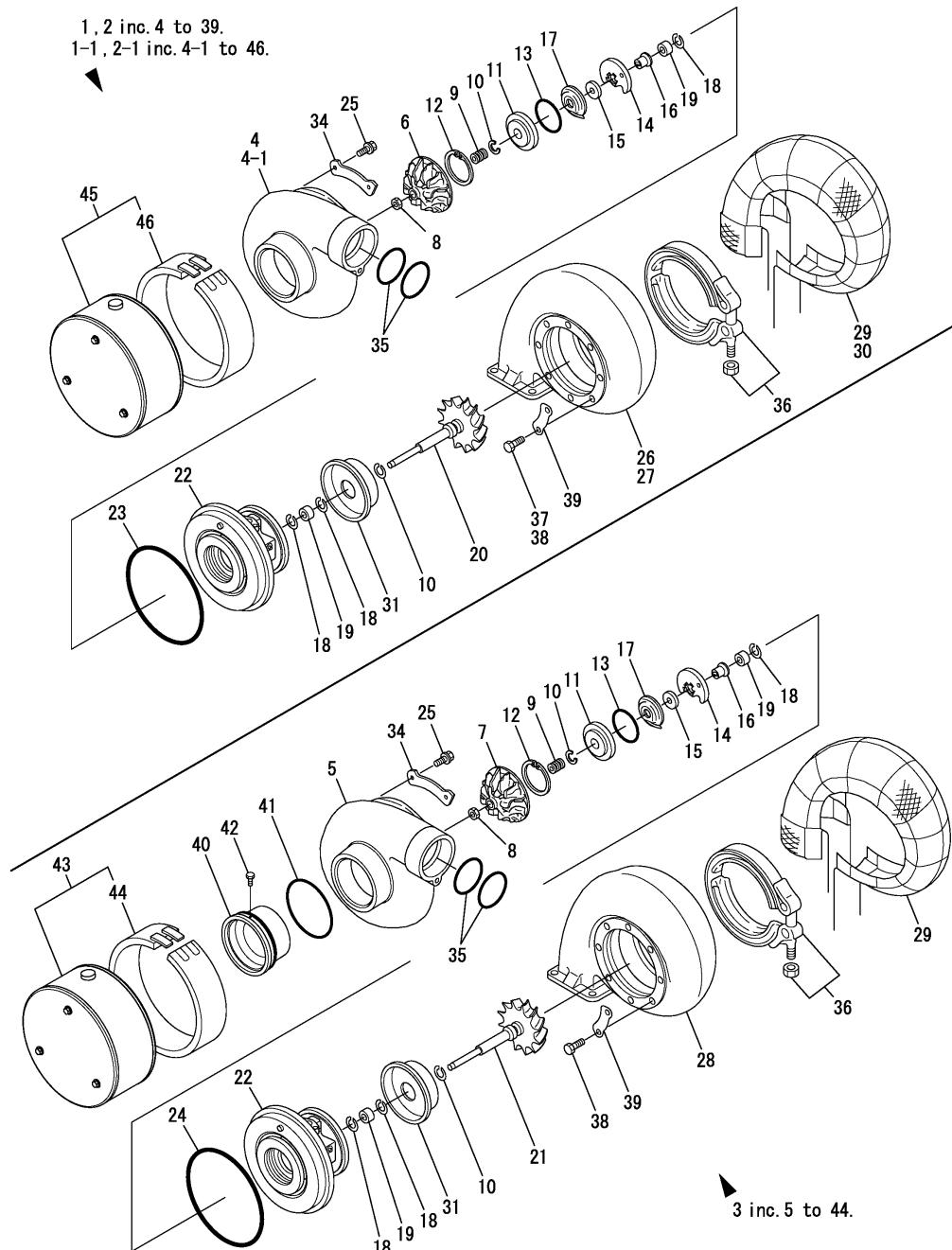
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	148640-18023	TURBOCHARGER, TD13M	1						1	
1-1	1	148640-18024	TURBOCHAGER,TD13M (A=E/#4440)					1		N	1
2	1	148695-18020	TURBOCHARGER, TD13				1			1	
2-1	1	148695-18021	TURBINE, TD13 (B=E/#4450)				1			N	1
3	1	148695-18010	TURBOCHARGER, TD13					1		1	
4	2	126684-18150	O-RING			2	2	2			
5	2	148634-18340	COVER, HEAT PROOF			1		1			
6	2	126683-18471	LAGGING				1				
7	2	126616-18390	V-CLAMP			1	1	1			
8	2	126687-18350	SILENCER, TURBINE					1			
9	3	126618-18360	PRE-CLEANER						1		
9A	2	126687-18350	SILENCER, TURBINE (A=E/#4440) (B=E/#4450)				1	1		W	
9B	3	126618-18360	PRE-CLEANER (A=E/#4440) (B=E/#4450)				1	1		W	
10	1	148620-18250	PLATE, SOUND PROOF (A=E/#4440) (B=E/#4450)				1	1		Z	
11	1	126684-18401	GASKET, TURBINE			1	1	1			
12	1	26573-040162	SCREW, M4X16 (A=E/#4440) (B=E/#4450)			3	3				Z
13	1	26703-120002	NUT, M12			4	4	4			
14	1	148620-18554	SILENCER (A=E/#4440) (B=E/#4450)			1	1				Z
15	2	148620-18560	PRE-CLEANER (A=E/#4440) (B=E/#4450)			1	1				Z
16	2	148620-18570	BAND (A=E/#4440) (B=E/#4450)			1	1				Z

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.32. TURBINE(INNER PARTS)



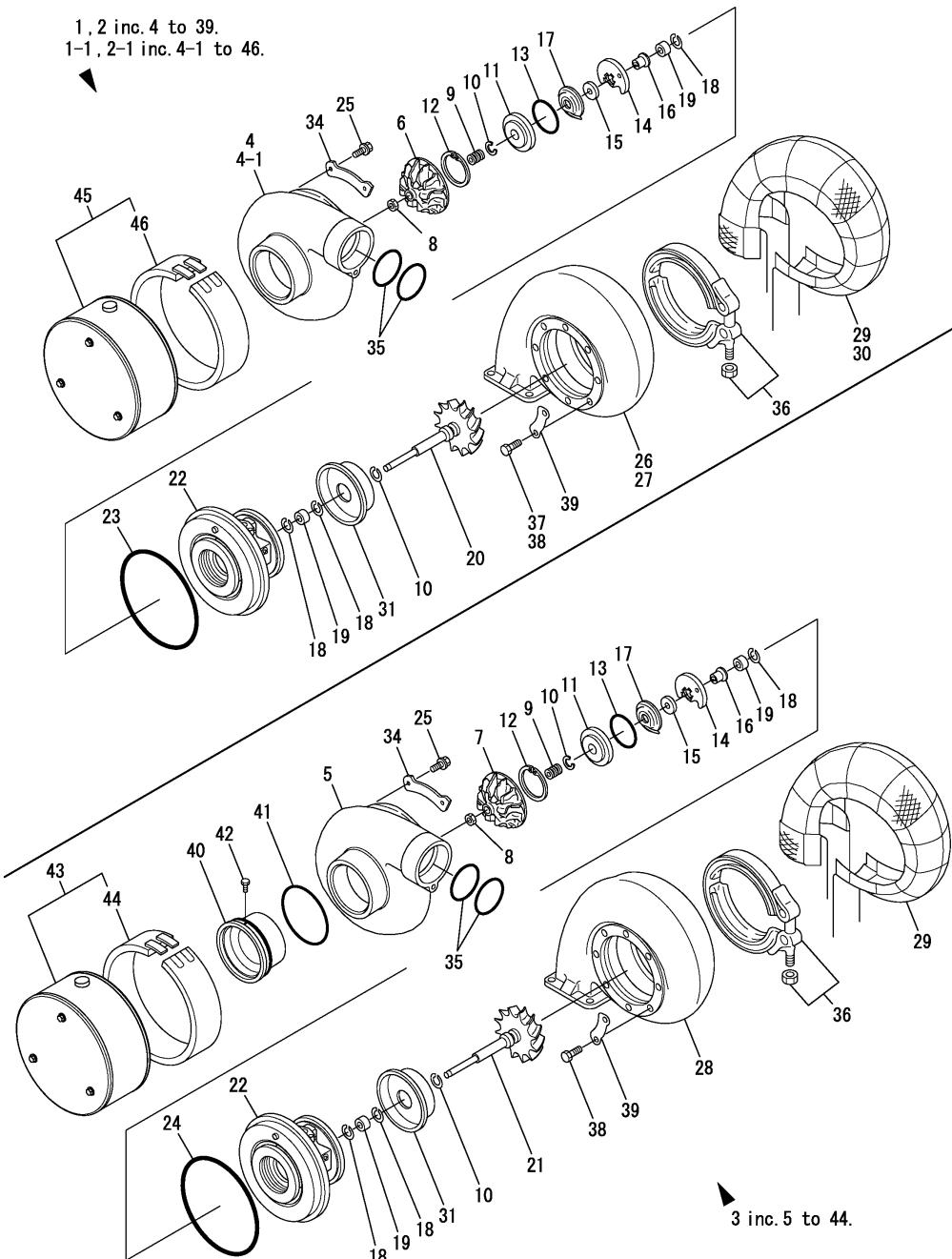
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	148640-18023	TURBOCHARGER, TD13M	1							
1-1	1	148640-18024	TURBOCHAGER,TD13M (A=E/#4440)	1						N	
2	1	148695-18020	TURBOCHARGER, TD13		1						
2-1	1	148695-18021	TURBINE, TD13 (B=E/#4450)		1					N	
3	1	148695-18010	TURBOCHARGER, TD13			1					
4	2	X4918255630	COVER, COMPRESSOR	1	1						
4-1	2	X4918255230	COVER,COMPRESSOR (A=E/#4440) (B=E/#4450)	1	1					S	
5	2	X4918256050	COVER, COMPRESSOR			1					
6	2	X4918245010	WHEEL	1	1						
7	2	X4918246010	WHEEL			1					
8	2	X4918142230	NUT, LOCK	1	1	1					
8-1	2	X4918142240	NUT, LOCK	1	1	1				N	
9	2	X4918142100	(A=*)2015.06. (B=*)2015.06. (C=*)2015.06. SLEEVE, FINGER	1	1	1					
10	2	X4918123100	RING, SEAL	2	2	2					
10-1	2	126662-18820	RING (A=E/#5021) (B=E/#5023) (C=E/#5078)	2	2	2				R	
11	2	X4918122500	INSERT	1	1	1					
12	2	949162-23200	RING, SNAP	1	1	1					
13	2	X0550720700	O-RING	1	1	1					
13-1	2	148691-18500	O-RING (A=E/#5021) (B=E/#5023) (C=E/#5078)	1	1	1				N	
14	2	X4918121600	BEARING, THRUST	1	1	1					
14-1	2	148691-18560	BEARING (A=E/#5021) (B=E/#5023) (C=E/#5078)	1	1	1				N	
15	2	X4918142300	RING, THRUST	1	1	1					
15-1	2	148691-18520	RING, THRUST (A=E/#5021) (B=E/#5023) (C=E/#5078)	1	1	1				N	
16	2	X4918142400	RING, THRUST	1	1	1					
16-1	2	148691-18530	RING, THRUST (A=E/#5021) (B=E/#5023) (C=E/#5078)	1	1	1				N	
17	2	X4918122200	DEFLECTOR	1	1	1					
18	2	X4918122300	RING, SNAP	3	3	3					
18-1	2	148691-18540	RING SNAP (A=E/#5021) (B=E/#5023) (C=E/#5078)	3	3	3				N	
19	2	X4918121100	BEARING	2	2	2					
19-1	2	148691-18550	BEARING (A=E/#5021) (B=E/#5023) (C=E/#5078)	2	2	2				N	
20	2	X4918230231	SHAFT	1	1						
21	2	X4918230500	SHAFT, GEAR			1					
22	2	X4918225630	HOUSING ASSY	1	1	1					
23	2	X4918122700	O-RING, TURBINE	1							
23-1	2	148691-18510	O-RING (A=E/#5021)	1						N	
24	2	X4918122710	O-RING			1	1				
24-1	2	148691-18570	O-RING (B=E/#5023) (C=E/#5897)			1	1			N	
25	2	X4918123700	BOLT	8	8	8					

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++

## Fig.32. TURBINE(INNER PARTS)

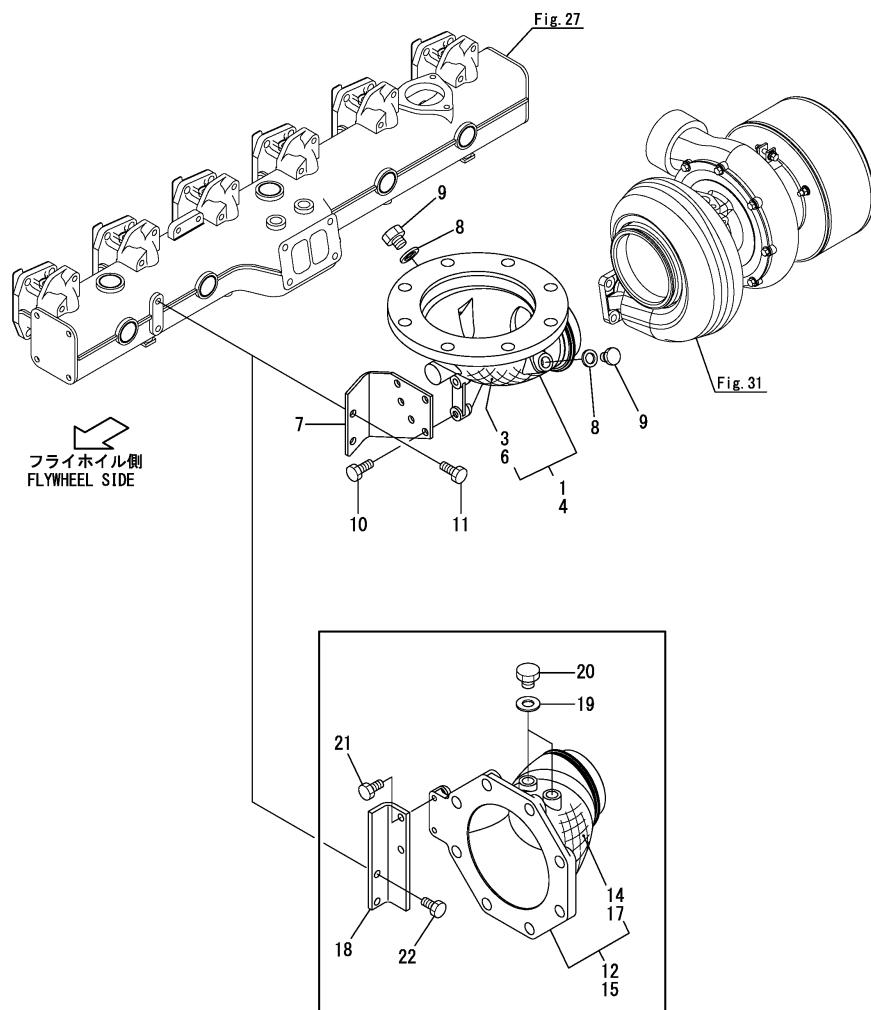


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
25-1	2	X4918123701	BOLT (A=2015.06) (B=2015.06) (C=2015.06)	8 8 8	N	
26	2	X4918211460	HOUSING, TURBINE	1		
27	2	X4918211360	HOUSING, TURBINE	1		
28	2	X4918211560	HOUSING, TURBINE	1		
29	2	148634-18340	COVER, HEAT PROOF	1 1		
30	2	126683-18471	LAGGING	1		
31	2	X4918219300	PLATE, TURBINE BACK	1 1 1		
34	2	X4918123500	PLATE	4 4 4		
34-1	2	X4918123501	PLATE (A=2015.06) (B=2015.06) (C=2015.06)	4 4 4	N	
35	2	126684-18150	O-RING	2 2 2		
36	2	126616-18390	V-CLAMP	1 1 1		
37	2	X3253207320	BOLT	8		
38	2	X4918218000	BOLT	8 8		
39	2	X4918217280	PLATE, CLAMP	4 4 4		
40	2	X4918258160	COVER	1		
41	2	XF315614500	O-RING	1		
42	2	X4918219500	BOLT, M4	2		
43	2	126687-18350	SILENCER, TURBINE	1		
44	3	126618-18360	PRE-CLEANER	1		
45	2	126687-18350	SILENCER, TURBINE (A=E/#4440) (B=E/#4450)	1 1		W
46	3	126618-18360	PRE-CLEANER (A=E/#4440) (B=E/#4450)	1 1		W

## Fig.33. EXHAUST BEND



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148616-18550	BEND ASSY, EXHAUST	1		1			
3	2	148616-18920	LAGGING, BEND	1		1			
4	1	148616-18520	BEND ASSY, EXHAUST			1			
6	2	148616-18900	LAGGING, BEND			1			
7	1	148660-18450	SUPPORT, BEND	1		1			
8	1	23414-210000	GASKET, 21X1.0	2		2			
9	1	23894-040002	PLUG G1/2,HEX.	2		2			
10	1	26203-120202	BOLT, M12X 20 PLATED	2		2			
11	1	26116-120252	BOLT, M12X 25 PLATED	2		2			
12	1	148660-18350	BEND ASSY, EXHAUST	1		1			1
14	2	148660-18370	LAGGING	1		1			1
15	1	148692-18350	BEND ASSY, EXHAUST			1			1
17	2	148692-18370	LAGGING			1			1
18	1	148660-18390	SUPPORT, BEND	1		1			1
19	1	23414-210000	GASKET, 21X1.0	2		2			1
20	1	23894-040002	PLUG G1/2,HEX.	2		2			1
21	1	26116-120252	BOLT, M12X 25 PLATED	2		2			1
22	1	26116-120252	BOLT, M12X 25 PLATED	2		2			1

## Remarks

(1)Horizontal exhaust specification.

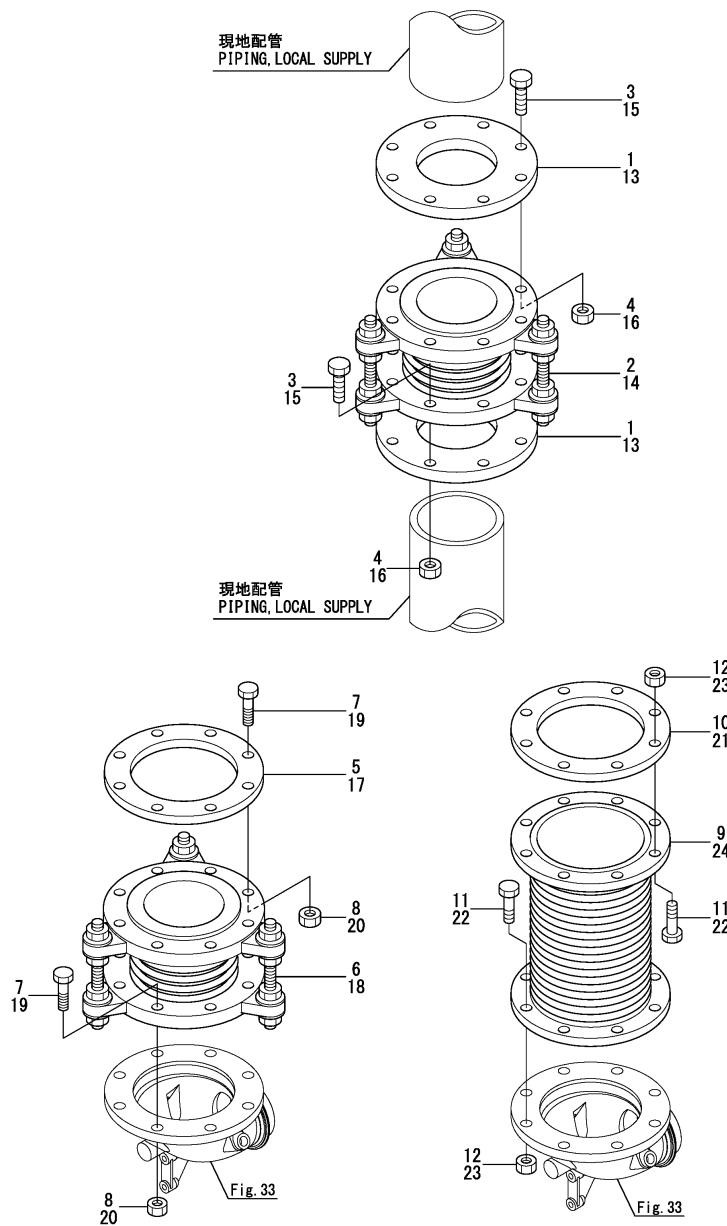
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.34. BELLOWS

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

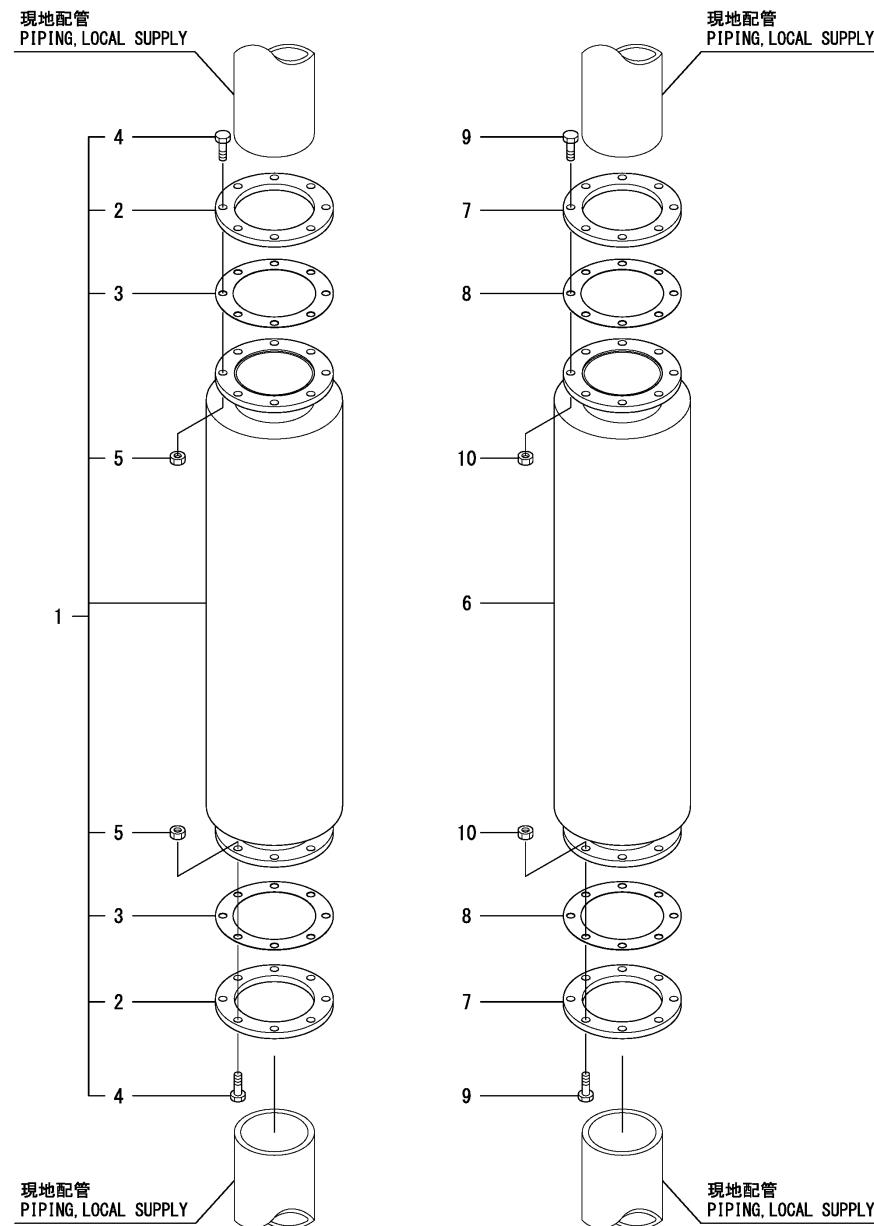


No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	23211-200218	FLANGE, 5K200	2					
2	1	23970-200001	BELLOW, 200A	1					
3	1	26116-200652	BOLT, M20X 65 PLATED	16					
4	1	26716-200002	NUT, M20	16					
5	1	23211-200218	FLANGE, 5K200	1					1
6	1	23970-200001	BELLOW, 200A	1					1
7	1	26116-200702	BOLT, M20X 70 PLATED	16					1
8	1	26716-200002	NUT, M20	16					1
9	1	148620-18910	JOINT, EXPANSION	1					2
9-1	1	43720-003180	PIPE, FLEXIBLE 200A (A=E/#5673) (C=E/#5097)	1					R 2
10	1	23211-200218	FLANGE, 5K200	1					2
11	1	26116-200702	BOLT, M20X 70 PLATED	16					2
12	1	26716-200002	NUT, M20	16					2
13	1	23211-150166	FLANGE, 5K150			2			
14	1	23970-150001	BELLOW, 150A			1			
15	1	26116-160552	BOLT, M16X 55 PLATED			16			
16	1	26716-160002	NUT, M16			16			
17	1	23211-150166	FLANGE, 5K150			1			1
18	1	23970-150001	BELLOW, 150A			1			1
19	1	26116-160552	BOLT, M16X 55 PLATED			16			1
20	1	26716-160002	NUT, M16			16			1
21	1	23211-150166	FLANGE, 5K150			1			2
22	1	26116-160552	BOLT, M16X 55 PLATED			16			2
23	1	26716-160002	NUT, M16			16			2
24	1	43720-550960	PIPE, FLEXIBLE 150A			1			2

## Remarks

- (1)Direct mounting specification.
- (2)Elastic mounting specification.

## Fig.35. EXHAUST SILENCER

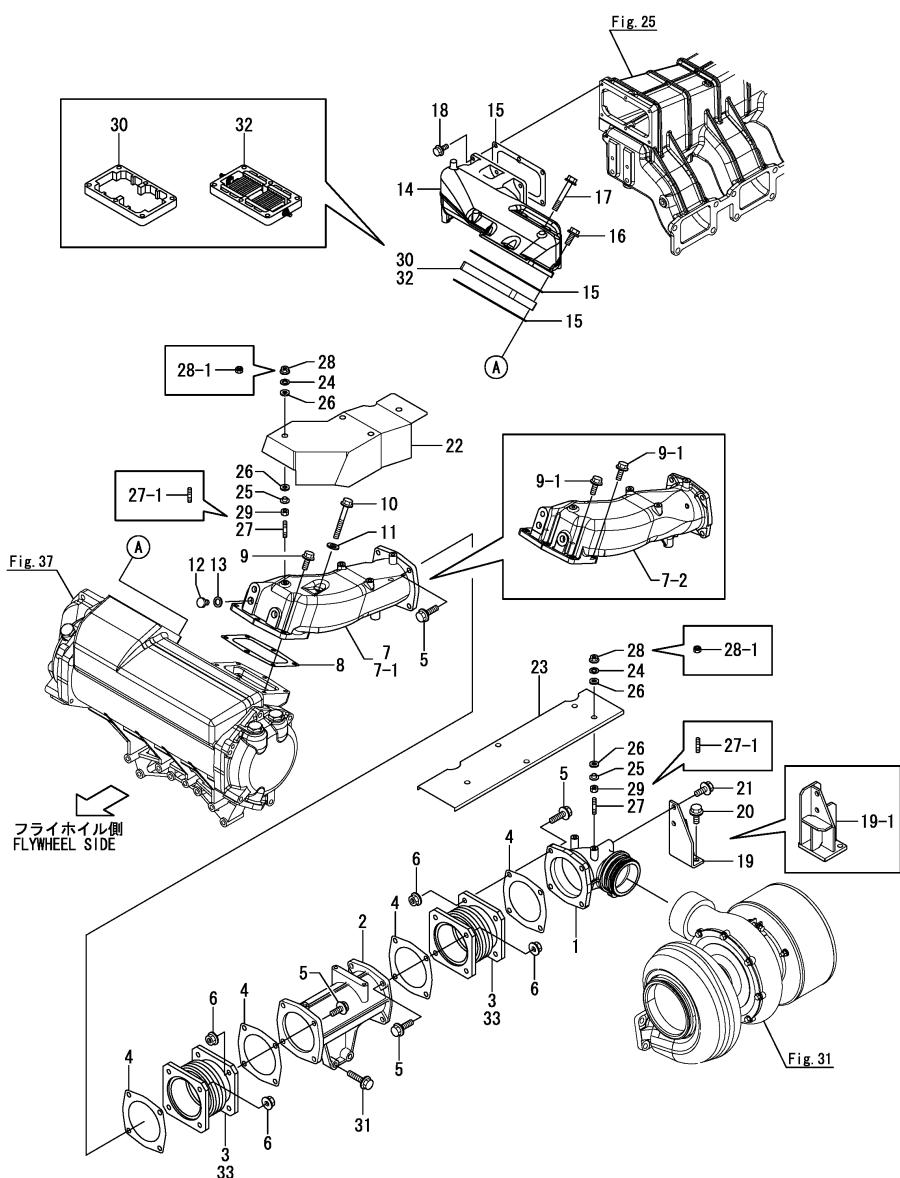


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	43100-553541	SILENCER, 200A	1		1			
2	2	23211-200218	FLANGE, 5K200	2		2			
3	2	23440-200000	GASKET, 200	2		2			
4	2	26116-200652	BOLT, M20X 65 PLATED	16		16			
5	2	26716-200002	NUT, M20	16		16			
6	1	43100-569941	SILENCER, 150A	1					
6-1	1	43100-572310	SILENCER, 150A (B=E/#2794)	1					N
7	1	23211-150166	FLANGE, 5K150	2					
8	1	23440-150000	GASKET, 150	2					
9	1	26116-160552	BOLT, M16X 55 PLATED	16					
10	1	26716-160002	NUT, M16	16					

## Fig.36. AIR DUCT &amp; AIR HEATER



## Remarks

- (1)Cold Weather specification.
- (2)No.27-1 & 28-1 are interchangeable by set.
- (3)FOR DNV SHIP CLASSIFICATION.

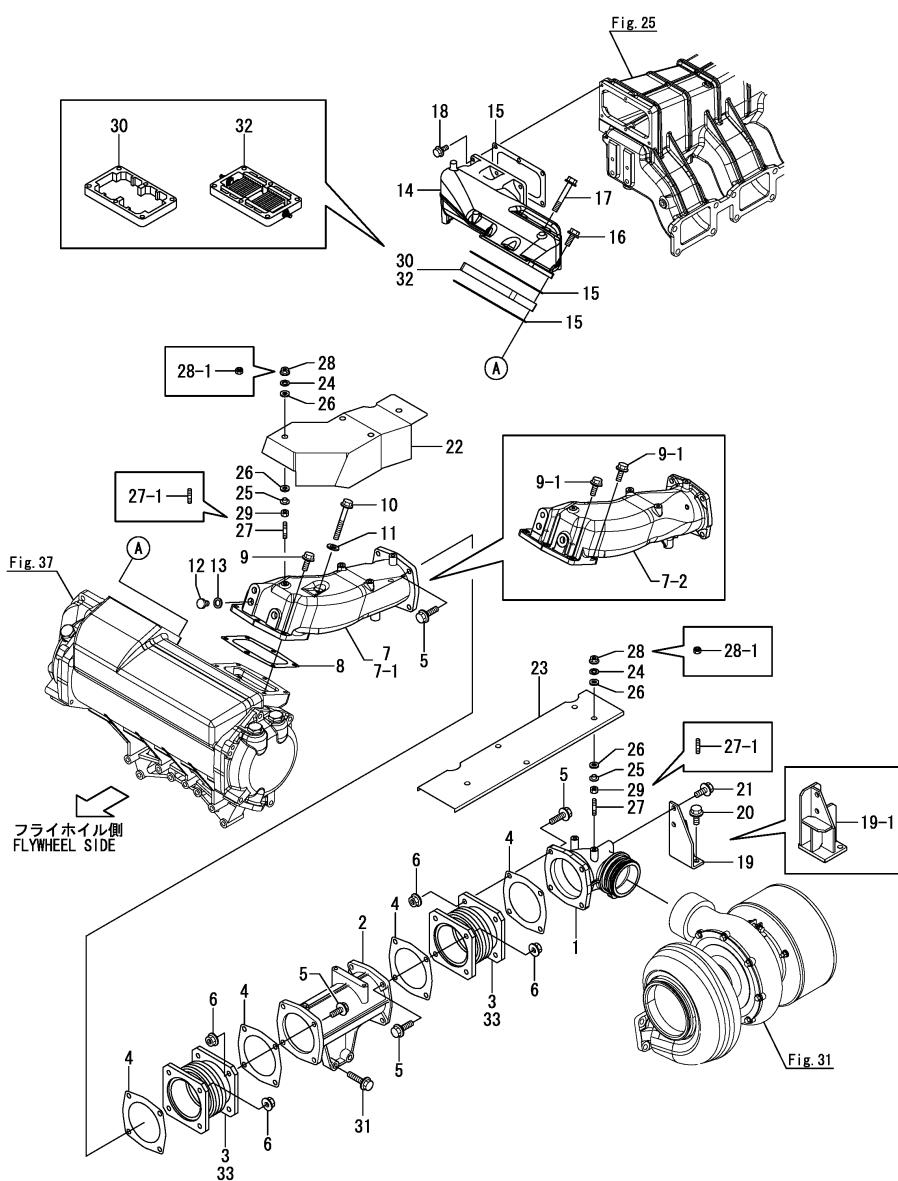
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-18111	DUCT, TURBINE OUTLET	1 1 1		
1-1	1	148660-18112 (A=E/#5788)	DUCT, TURBINE OUTLET (B=E/#5792) (C=E/#5808)	1 1 1		R
2	1	148660-18151	DUCT, AIR MID	1 1 1		
2-1	1	148660-18152 (A=E/#5788)	DUCT, AIR MID (B=E/#5792) (C=E/#5808)	1 1 1		R
3	1	126684-18900	JOINT, EXPANSION	2 2 2		
3-1	1	126684-18901 (A=E/#2957)	JOINT, EXPANSION (B=E/#2965) (C=E/#4007)	2 2 2		R
4	1	126684-18911	GASKET, JOINT	4 4 4		
5	1	26106-100402	BOLT, M10X 40 PLATED	16 16 16		
6	1	26366-100002	NUT, M10	16 16 16		
7	1	148660-18122	DUCT, COOLER INLET	1 1 1		
7-1	1	148660-18123 (A=E/#5788)	DUCT, COOLER INLET (B=E/#5792) (C=E/#5808)	1 1 1		R
7-2	1	148660-18124 (A=2020.04)	DUCT, AIR I/C IN (B=2020.04) (C=2020.04)	1 1 1		N
8	1	148620-18180	GASKET, AIR DUCT	1 1 1		
9	1	26106-100302	BOLT, M10X 30 PLATED	4 4 4		
9-1	1	26106-100302 (A=2020.04)	BOLT, M10X 30 PLATED (B=2020.04) (C=2020.04)	6 6 6		K
10	1	26116-101402 (A=2020.04)	BOLT, M10X140 PLATED (B=2020.04) (C=2020.04)	2 2 2		Z
11	1	22137-100000 (A=2020.04)	WASHER, 10 (B=2020.04) (C=2020.04)	2 2 2		Z
12	1	23897-030002	PLUG G3/8,HEX.	2 2 2		
13	1	23414-170000	GASKET, 17X1.0	2 2 2		
14	1	148660-18132	DUCT, COOLER OUTLET	1 1 1		
14-1	1	148660-18133 (A=E/#5788)	DUCT, COOLER OUTLET (B=E/#5792) (C=E/#5808)	1 1 1		R
15	1	127695-18190	GASKET, AIR DUCT	3 3 3		
16	1	26106-080452	BOLT, M8X 45 PLATED	4 4 4		
17	1	26116-081302	BOLT, M8X130 PLATED	2 2 2		
18	1	26106-080252	BOLT, M8X 25 PLATED	6 6 6		
19	1	148660-18161	SUPPORT	1 1 1		
19-1	1	148660-18162 (A=E/#4440)	SUPPORT, AIR DUCT (B=E/#4450) (C=E/#4523)	1 1 1		R
20	1	26106-100202	BOLT, M10X 20 PLATED	2 2 2		
21	1	26106-100252	BOLT, M10X 25 PLATED	2 2 2		
22	1	148660-18400	COVER, AIR DUCT A	1 1 1		
23	1	148660-18411	COVER	1 1 1		
23-1	1	148660-18412 (A=E/#4440)	COVER, AIR DUCT B (B=E/#4450) (C=E/#4523)	1 1 1		R
24	1	148628-18750	WASHER	9 9 9		
25	1	148628-18760	GUROMET	9 9 9		
26	1	148628-18770	CUSHION, INSULATOR	18 18 18		
27	1	26226-080252	STUD, M8X 25	9 9 9		
27-1	1	26226-080202 (A=2017.03)	STUD, M8X 20 (B=2017.03) (C=2017.03)	9 9 9		S 2
28	1	26366-080002	NUT, M8	9 9 9		
28-1	1	26346-080002 (B=2017.03)	NUT, M8 (C=2017.03)	9 9 9		S 2

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.36. AIR DUCT & AIR HEATER



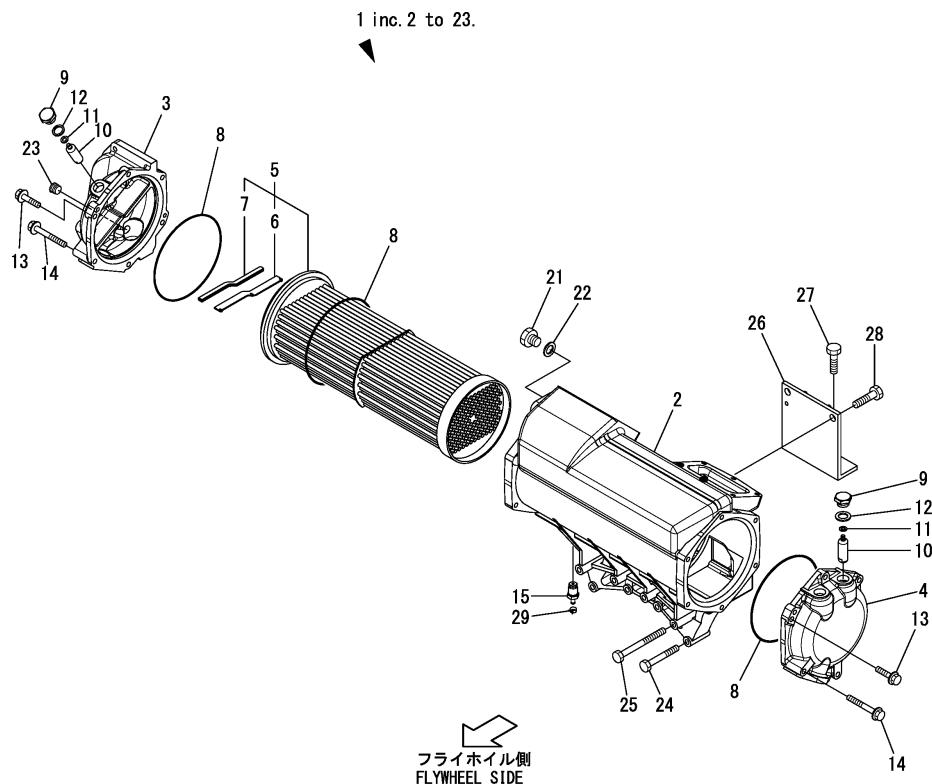
## Remarks

- (1)Cold Weather specification.  
 (2)No.27-1 & 28-1 are interchangeable by set.  
 (3)FOR DNV SHIP CLASSIFICATION.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

## Fig.37. INTER COOLER



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748699-18110	COOLER ASSY, INTER	1 1 1		
1-1	1	748699-18111	INTERCOOLER ASSY (A=E/#8332) (B=E/#8349) (C=E/#8337)	1 1 1	F	1
1-2	1	748699-18112	INTERCOOLER ASSY (A=E/#9268) (B=E/#9294) (C=E/#9269)	1 1 1	N	
2	2	148699-18500	BODY, COOLER	1 1 1		
2-1	2	148699-18501	BODY, INTER COOLER (A=E/#8332) (B=E/#8349) (C=E/#8337)	1 1 1	F	1
2-2	2	148699-18502	BODY, INTER COOLER (A=E/#9268) (B=E/#9294) (C=E/#9269)	1 1 1	N	
3	2	148699-18510	COVER, COOLER SIDE A	1 1 1		
4	2	148660-18520	COVER, COOLER SIDE B	1 1 1		
5	2	133615-18621	CORE ASSY	1 1 1		
5-1	2	133615-18622	CORE,INTER COOLER (A=E/#7719) (B=E/#7732) (C=E/#7728)	1 1 1	R	
6	3	133615-18970	PLATE, PARTITION	1 1 1		
7	3	133615-18980	SEAL, DIVISION RIB	1 1 1		
8	2	24326-001900	O-RING, 4DG190.0	3 3 3		
9	2	135410-33310	PLUG	4 4 4		
10	2	27210-200550	ZINC, SCREW20X55	4 4 4		
11	2	123210-09310	GASKET, ZINC	4 4 4		
12	2	23414-250000	GASKET, 25X1.0	4 4 4		
13	2	26106-100352	BOLT, M10X 35 PLATED	8 8 8		
14	2	26106-100752	BOLT, M10X 75 PLATED	4 4 4		
15	2	148660-18640	DRAIN ASSY, AUTO	1 1 1		
21	2	23897-030002	PLUG G3/8,HEX.	2 2 2		
22	2	23414-170000	GASKET, 17X1.0	2 2 2		
23	2	23877-040000	PLUG, R04	1 1 1		
24	1	26106-100702	BOLT, M10X 70 PLATED	4 4 4		
25	1	26106-101102	BOLT, M10X110 PLATED	4 4 4		
26	1	148660-18701	SUPPORT	1 1 1		
26-1	1	148660-18702	SUPPORT, COOLER (A=E/#4440) (B=E/#4450) (C=E/#4523)	1 1 1	R	
27	1	26116-140352	BOLT, M14X 35 PLATED	2 2 2		
28	1	26156-140252	BOLT, M14X 25 PLATED	2 2 2		
29	1	23010-015000	CLAMP, 15	1 1 1		

## Remarks

(1)Fig.36 No.7-2 & 9-1 are interchangeable by set.

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

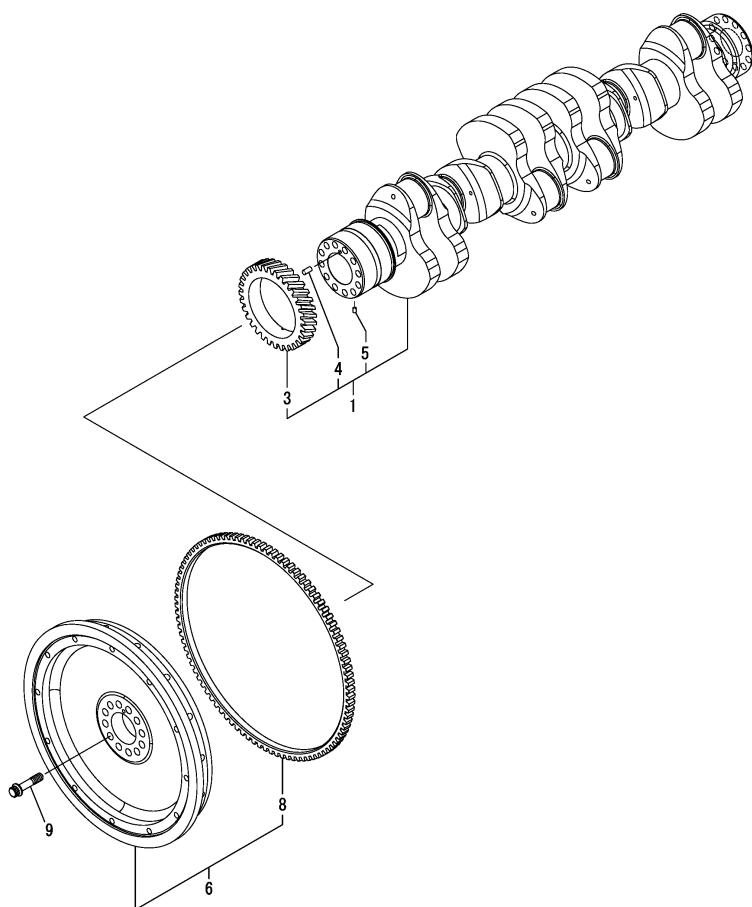
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## Fig.38. CRANKSHAFT &amp; FLYWHEEL

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

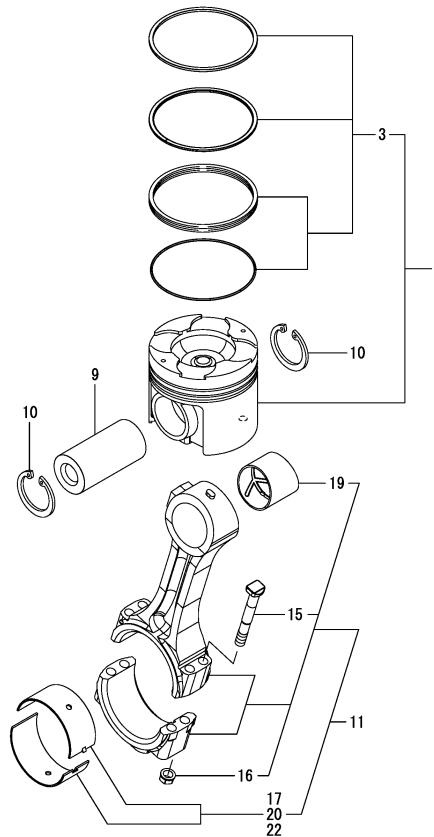
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148620-21150	CRANKSHAFT ASSY	1	1	1					
1B	1	148640-21140	CRANKSHAFT ASSY	1	1	1				1	
1C	1	148640-21150	CRANKSHAFT ASSY	1	1	1				2	
1D	1	148640-21160	CRANKSHAFT ASSY	1	1	1				3	
1E	1	148640-21170	CRANKSHAFT ASSY	1	1	1				4	
1F	1	148640-21180	CRANKSHAFT ASSY	1	1	1				5	
1G	1	148640-21190	CRANKSHAFT ASSY	1	1	1				6	
3	2	148620-21201	GEAR, CRANKSHAFT	1	1	1					
4	2	121850-21920	PIN, PARALLEL 10X22	1	1	1					
5	2	22312-060060	PIN, PARALLEL M6X 6	1	1	1					
6	1	148620-21350	FLYWHEEL ASSY	1	1	1					
8	2	133670-21600	GEAR, RING Z=180	1	1	1					
9	1	152673-21500	BOLT, FLYWHEEL	12	12	12					



## Remarks

- (1)NK inspection parts.
- (2)AB inspection parts.
- (3)LR inspection parts.
- (4)RNA inspection parts.
- (5)BV inspection parts.
- (6)CCS inspection parts.

## Fig.39. PISTON &amp; CONNECTING ROD



## Remarks

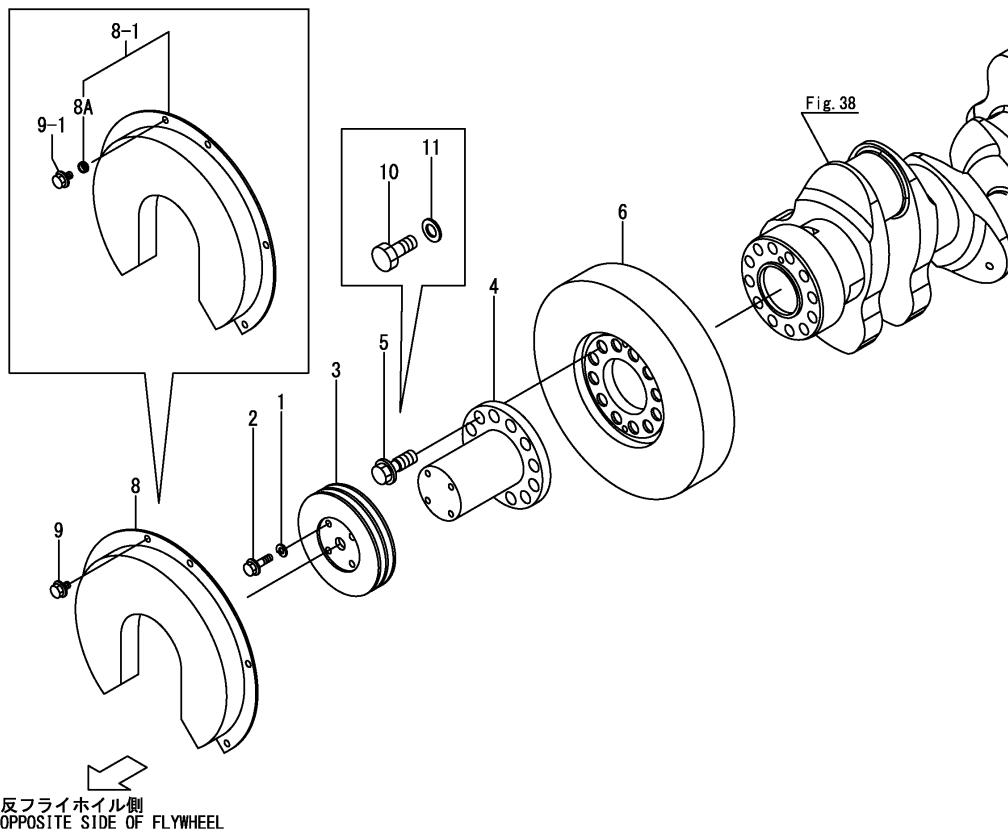
- (1)Spare parts.
- (2)Under-sized(U.S.=0.25) parts.
- (3)Under-sized(U.S.=0.5) parts.
- (4)NK inspection parts.
- (5)AB inspection parts.
- (6)LR inspection parts.
- (7)RINA inspection parts.
- (8)BV inspection parts.
- (9)CCS inspection parts.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748699-22800	PISTON ASSY	6 6 6		
3	2	748660-22500	RING SET, PISTON	6 6 6		
9	1	148620-22310	PIN, PISTON	6 6 6		
9-1	1	148620-22311 (A=E/#4091)	PIN, PISTON (B=E/#4080) (C=E/#4366)	6 6 6		R
10	1	22252-000620	RING, 62	12 12 12		
11	1	748620-23100	ROD ASSY, CONNECTING	6 6 6		
11A	1	748640-23140	ROD ASSY, CONNECTING	6 6 6		4
11B	1	748640-23150	ROD ASSY, CONNECTING	6 6 6		5
11C	1	748640-23160	ROD ASSY, CONNECTING	6 6 6		6
11D	1	748640-23170	ROD ASSY, CONNECTING	6 6 6		7
11E	1	748640-23180	ROD ASSY, CONNECTING	6 6 6		8
11F	1	748640-23190	ROD ASSY, CONNECTING	6 6 6		9
15	3	148620-23202	BOLT, CONNECTING ROD	24 24 24		
16	3	148620-23220	NUT, CONNECTING ROD	24 24 24		
17	2	748620-23600	METAL ASSY,CRANK PIN	6 6 6		
19	2	148620-23820	METAL, PISTON PIN	6 6 6		1
20	1	748620-23610	METAL ASSY, PIN .25	6 6 6		2
22	1	748620-23620	METAL ASSY, PIN .50	6 6 6		3

## Fig.40. DAMPER &amp; V-PULLEY



## Remarks

- (1)No.8-1 & 9-1 are interchangeable by set.
- (2)Yanmar standard inspection, jg & NK & NKS inspection parts.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

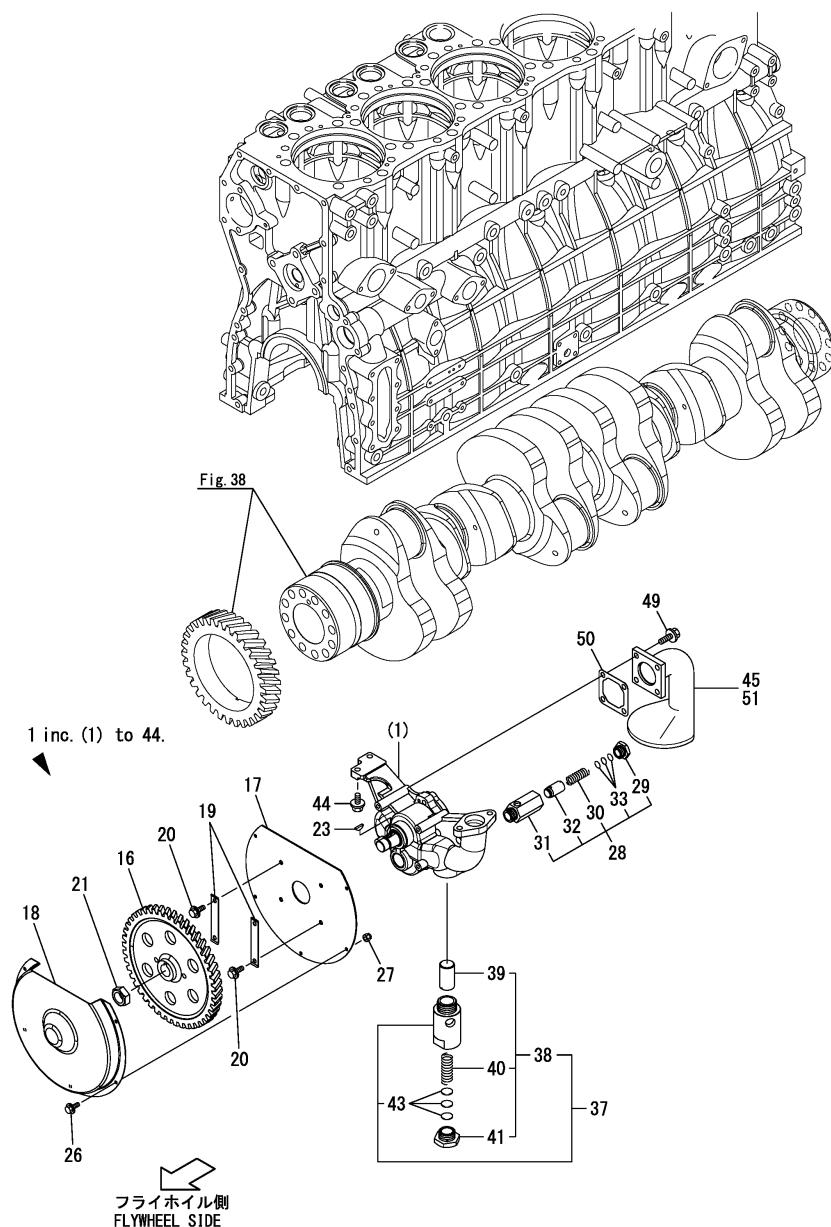
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	22217-100000	WASHER, SPRING 10	4	4	4			
2	1	26106-100352	BOLT, M10X 35 PLATED	4	4	4			
3	1	45220-551780	V-PULLEY, P200XBX3	1	1	1			
4	1	148660-28210	JOINT, A	1	1	1			
5	1	152623-28270	BOLT, REAMER	12	12	12			
6	1	130618-28101	DAMPER, VISCOUS	1	1	1			
8	1	144626-28901	COVER	1	1	1			
8-1	1	148660-28900 (A=E/#4804)	COVER, DAMPER (B=E/#4812) (C=E/#4895)	1	1	1			F 1
8A	2	29311-123000 (A=E/#4804)	GROMMET, 12.0X3 (B=E/#4812) (C=E/#4895)	6	6	6			W
9	1	26106-100182	BOLT, M10X 18 PLATED	6	6	6			
9-1	1	26106-100202 (A=E/#4804)	BOLT, M10X 20 PLATED (B=E/#4812) (C=E/#4895)	6	6	6			S 1
10	1	26156-200502 (A=2013.04)	BOLT, M20X 50 PLATED (B=2013.04) (C=2013.04)	6	6	6			W 2
11	1	22137-200000 (A=2013.04)	WASHER, 20 (B=2013.04) (C=2013.04)	6	6	6			W 2

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.41. LUB. OIL PUMP



## Remarks

(1)Shallow type Oil Sump specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

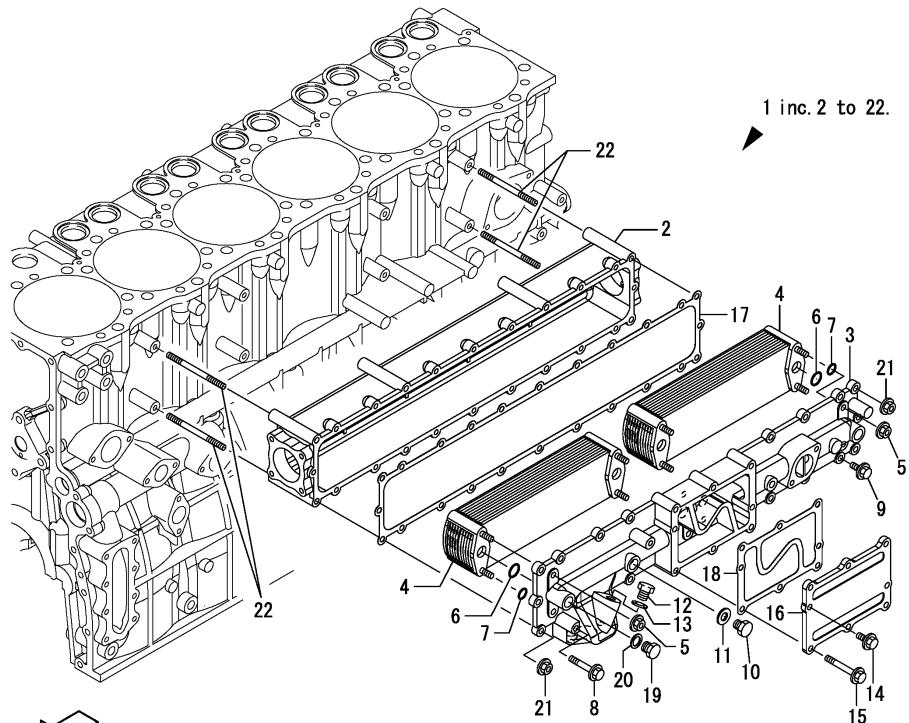
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748620-32011	PUMP ASSY, OIL	1 1 1		
1-1	1	748620-32012	PUMP ASSY, OIL	1 1 1		R
		(A=E/#5150) (B=E/#5188)	(C=E/#5173)			
1-2	1	748620-32013	PUMP ASSY, OIL	1 1 1		N
		(A=E/#5935) (B=E/#5964)	(C=E/#5940)			
16	2	148620-32201	GEAR, PUMP	1 1 1		
17	2	148620-32261	COVER, A	1 1 1		
18	2	148620-32272	COVER, B	1 1 1		
19	2	148816-32280	PLATE, LOCK	2 2 2		
20	2	26106-080142	BOLT, M8X 14 PLATED	4 4 4		
21	2	148633-32140	NUT	1 1 1		
23	2	22522-070220	KEY, WOODRUFF 7X22	1 1 1		Z
		(A=E/#5935) (B=E/#5964)	(C=E/#5940)			
26	2	26106-060142	BOLT, M6X 14 PLATED	5 5 5		
27	2	26346-060002	NUT, M6	5 5 5		
28	2	726616-32200	VALVE ASSY, SAFETY	1 1 1		
29	3	138613-84232	RETAINER, SPRING	1 1 1		
30	3	144626-32330	SPRING, SAFETY VALVE	1 1 1		
31	3	145410-32310	BODY, VALVE	1 1 1		
32	3	145610-32320	VALVE, SAFETY	1 1 1		
33	3	145410-32400	SHIM SET, ADJUSTING	1 1 1		
37	2	728633-32200	VALVE ASSY, SAFETY	1 1 1		
38	3	128633-32390	VALVE ASSY, SAFETY	1 1 1		
39	4	128633-32410	VALVE	1 1 1		
40	4	128633-32420	SPRING, SAFETY VALVE	1 1 1		
41	4	128633-32430	COVER	1 1 1		
43	3	128633-32450	PLATE, ADJUST	1 1 1		
44	2	26106-100302	BOLT, M10X 30 PLATED	4 4 4		
45	1	148620-32500	PIPE ASSY, INTAKE	1 1 1		
45-1	1	148620-32501	PORT, LUB.OIL INTAKE	1 1 1		R
		(A=E/#5788) (B=E/#5792)	(C=E/#5808)			
49	1	26106-100402	BOLT, M10X 40 PLATED	4 4 4		
50	1	126650-03072	GASKET, BREATHER	1 1 1		
51	1	148690-32500	PIPE ASSY, INTAKE	1 1 1		1

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.42. LUB. OIL COOLER



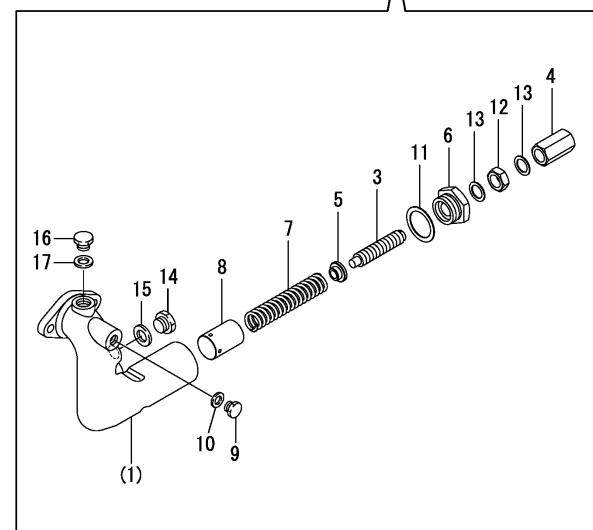
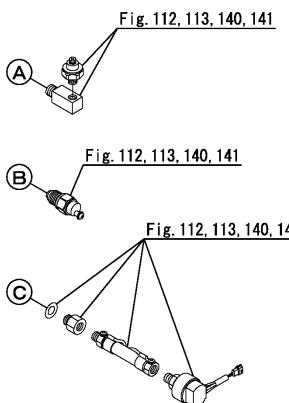
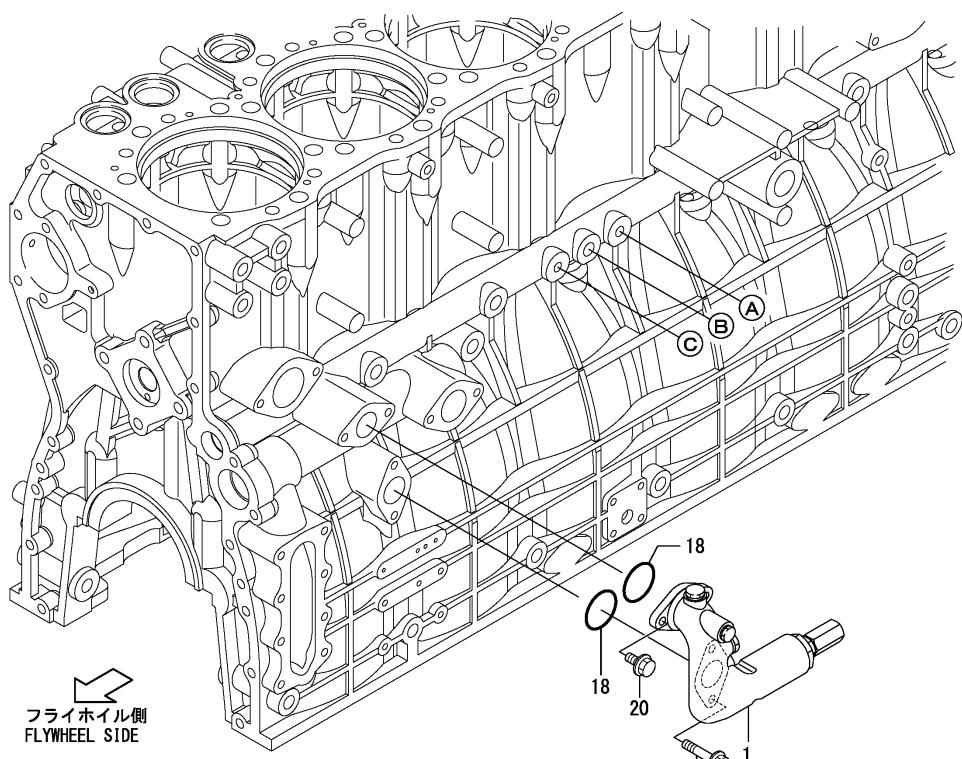
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	748620-33011	COOLER ASSY, OIL	1	1	1			
2	2	148620-33030	BODY, COOLER	1	1	1			
3	2	148620-33041	COVER	1	1	1			
4	2	148620-33010	CORE ASSY, COOLER	2	2	2			
5	2	26376-100002	NUT, M10	8	8	8			
6	2	24326-000300	O-RING, 4DG30.0	4	4	4			
7	2	24316-000140	O-RING, 4DP14.0	8	8	8			
8	2	26106-100652	BOLT, M10X 65 PLATED	1	1	1			
9	2	26106-100252	BOLT, M10X 25 PLATED	9	9	9			
10	2	23887-200002	PLUG, 20	1	1	1			
11	2	23414-200000	GASKET, 20X1.0	1	1	1			
12	2	23897-030002	PLUG G3/8,HEX.	1	1	1			
13	2	23414-170000	GASKET, 17X1.0	1	1	1			
14	2	26106-100302	BOLT, M10X 30 PLATED	2	2	2			
15	2	26106-100802	BOLT, M10X 80 PLATED	6	6	6			
16	2	148620-33061	COVER, COOLER	1	1	1			
17	2	148620-33050	GASKET, COOLER	1	1	1			
18	2	148620-33070	GASKET, COOLER COVER	1	1	1			
19	2	23897-040002	PLUG, G1/2	2	2	2			
20	2	23414-210000	GASKET, 21X1.0	2	2	2			
21	2	26366-100002	NUT, M10	8	8	8			
22	2	26216-101402	STUD, M10X140	8	8	8			

フライホイール側  
FLYWHEEL SIDE

## Fig.43. PRESSURE REGULATING VALVE(LUB. OIL)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

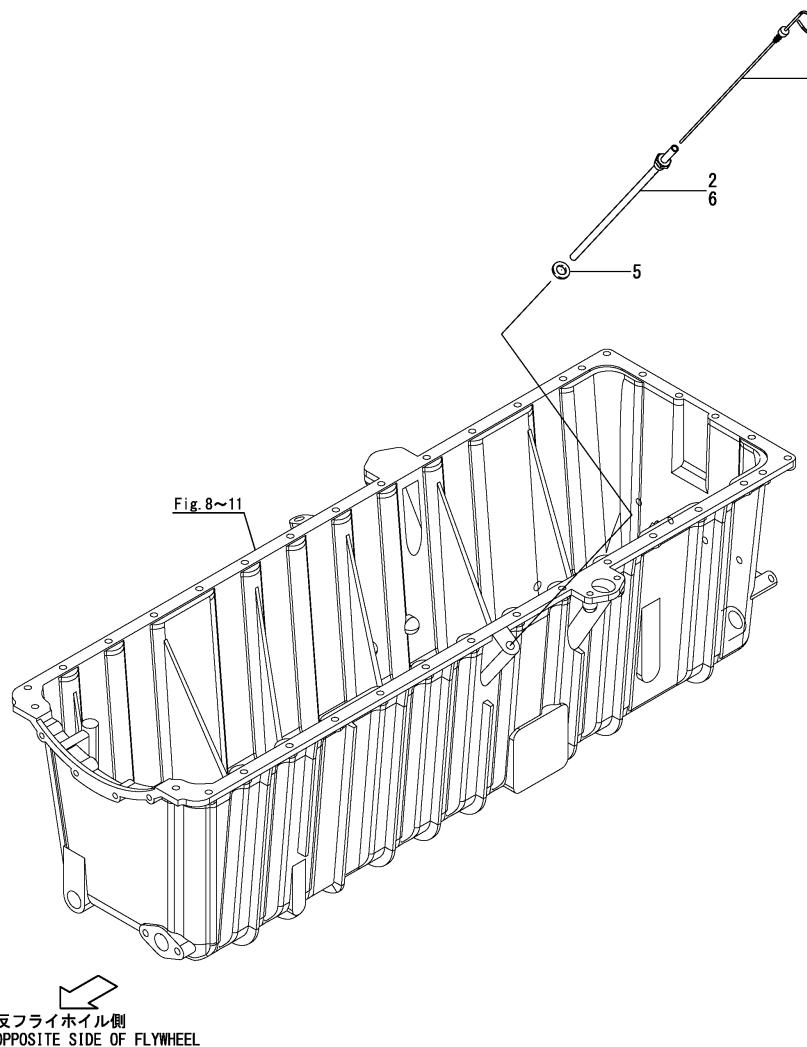
No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	748620-34012	VALVE ASSY, CONTROL	1	1	1		
3	2	139653-34050	SCREW, ADJUSTING	1	1	1		
4	2	139653-34090	CAP NUT	1	1	1		
5	2	140623-34060	RETAINER, SPRING	1	1	1		
6	2	144626-34140	SUPPORT, SCREW	1	1	1		
7	2	144626-34210	SPRING, VALVE	1	1	1		
8	2	136610-34112	VALVE, CONTROL	1	1	1		
9	2	23887-120002	PLUG, 12	1	1	1		
10	2	23414-120000	GASKET, 12X1.0	1	1	1		
11	2	23414-330000	GASKET, 33X1.0	1	1	1		
12	2	26772-160002	NUT, LOCK M16	1	1	1		
13	2	23414-160000	GASKET, 16X1.0	2	2	2		
14	2	23897-030002	PLUG G3/8,HEX.	1	1	1		
15	2	23414-170000	GASKET, 17X1.0	1	1	1		
16	2	23897-020002	PLUG G1/4	1	1	1		
17	2	23414-130000	GASKET, 13X1.0	1	1	1		
18	1	24326-000450	O-RING, 4DG45.0	2	2	2		
19	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2		
20	1	26106-100252	BOLT, M10X 25 PLATED	2	2	2		

## Fig.44. DIPSTICK

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	41632-005130	DIPSTICK, OIL	1	1	1			
2	1	148620-34830	GUIDE, DIPSTICK	1	1	1			
5	1	23414-130000	GASKET, 13X1.0	1	1	1			
6	1	148690-34830	GUIDE, DIPSTICK	1	1	1		1	
9	1	41632-005170	DIPSTICK, OIL	1	1	1		1	

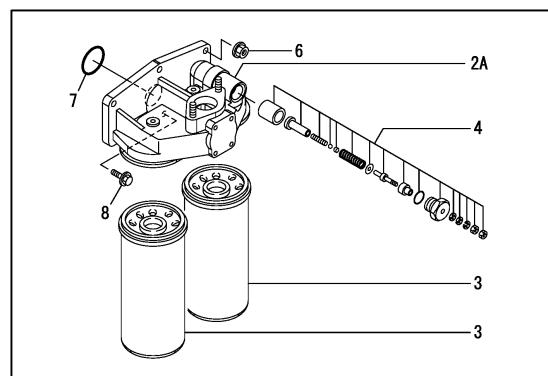
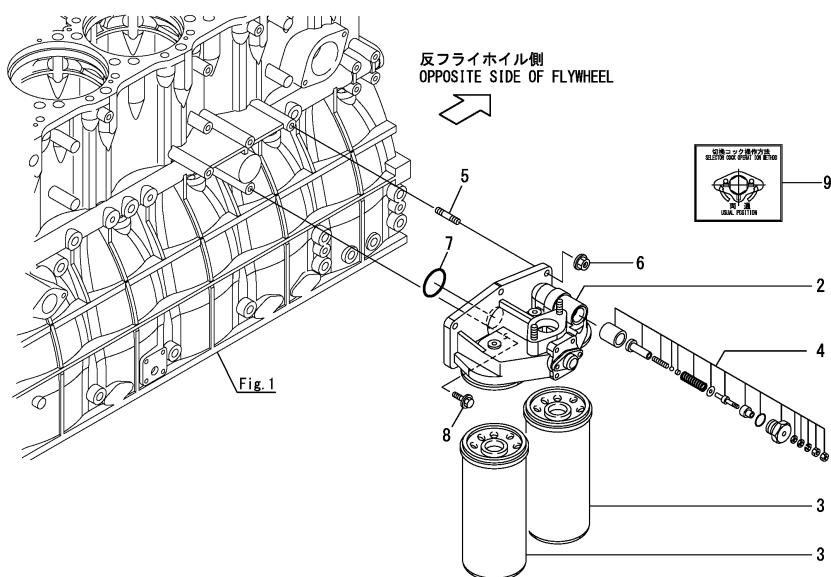


## Remarks

(1)Shallow type Oil Sump specification.

N:Old  $\xrightarrow[\text{No}]{\text{Yes}}$  New, Q:Old  $\xleftarrow[\text{Yes}]{\text{No}}$  New, R:Old  $\xrightarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xleftarrow[\text{No}]{\text{Yes}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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## Fig.45. LUB. OIL FILTER(EARTH TYPE)



## Remarks

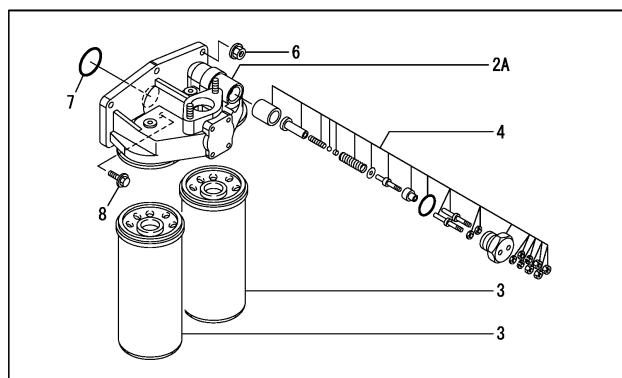
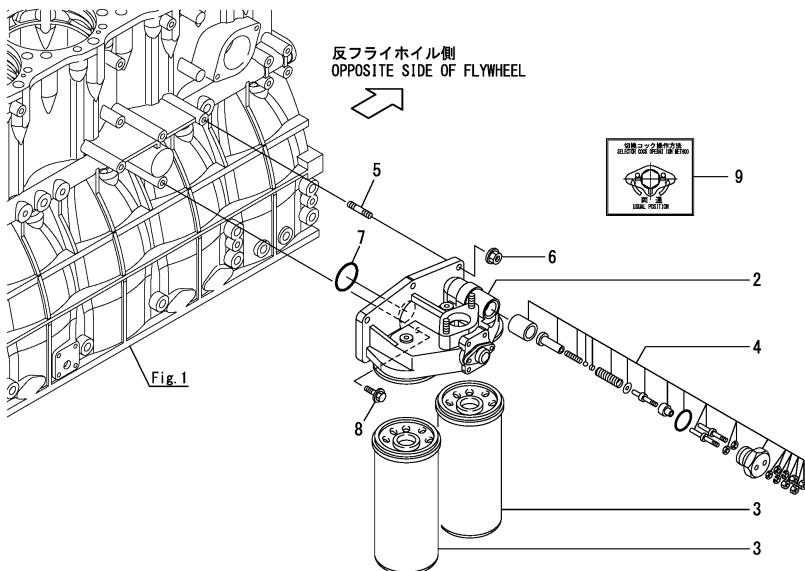
- (1)With Selector Cock.
- (2)Without Selector Cock.
- (3)Non-branded filter(without Yanmar logo).
- (4)Branded filter(with Yanmar logo).

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
2	1	148620-35130	BODY, FILTER	1	1	1				1
2A	1	148620-35110	BODY, FILTER	1	1	1				2
3	1	148633-35400	FILTER, OIL	2	2	2				3
3-1	1	148620-35400	FILTER, OIL	2	2	2				R 4
4	1	148687-35300	VALVE ASSY, RELIEF	1	1	1				
5	1	26216-100252	STUD, M10X 25	3	3	3				
6	1	26366-100002	NUT, M10	3	3	3				
7	1	24316-000480	O-RING, 4DP48.0	1	1	1				
8	1	26106-100302	BOLT, M10X 30 PLATED	1	1	1				
9	1	148620-35160	LABEL, CHANGE COCK	1	1	1				

## Fig.46. LUB. OIL FILTER(EARTH FLOAT TYPE)



## Remarks

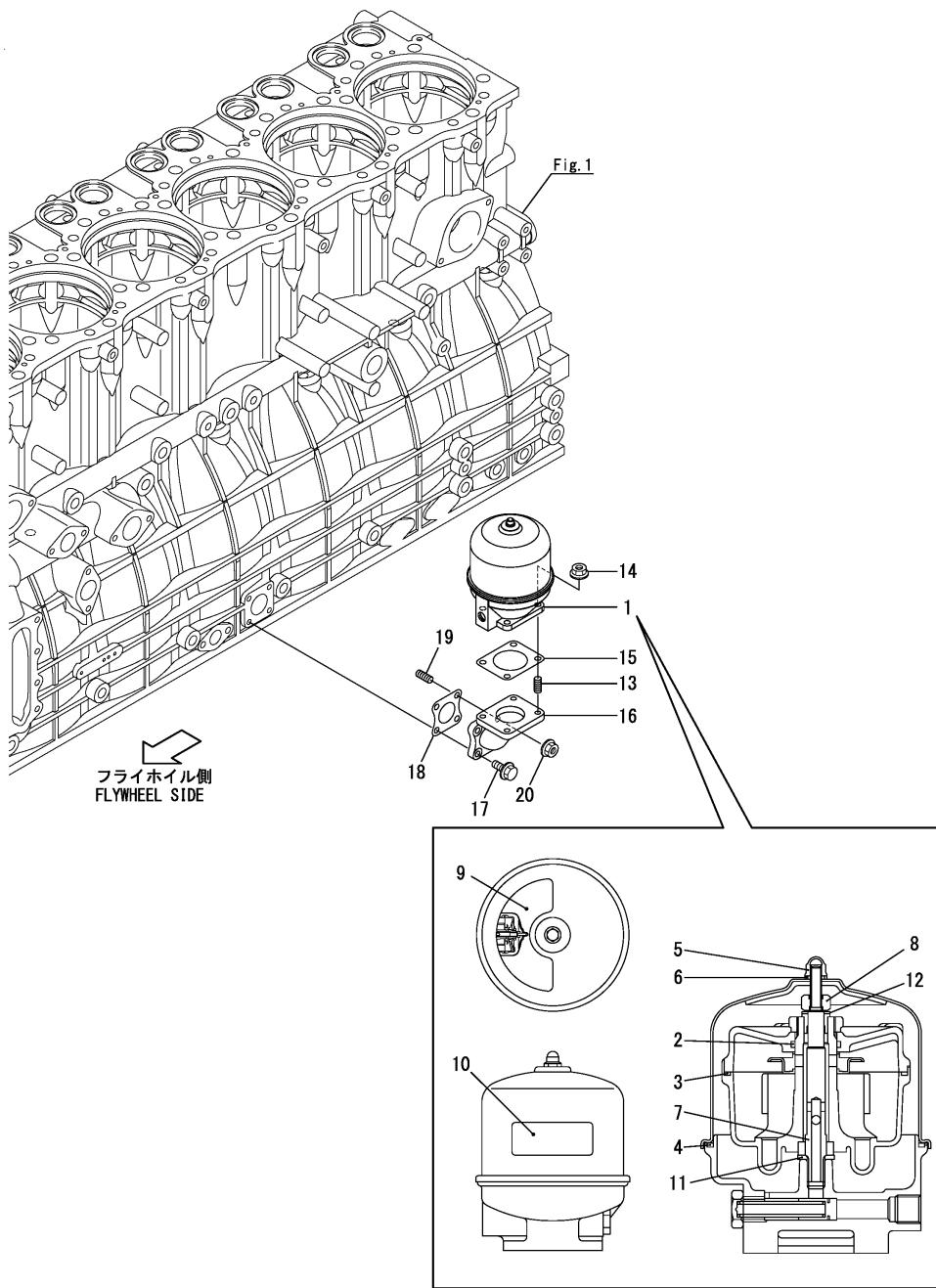
- (1)With Selector Cock.
- (2)Without Selector Cock.
- (3)Non-branded filter(without Yanmar logo).
- (4)Branded filter(with Yanmar logo).

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
2	1	148620-35130	BODY, FILTER	1	1	1				1
2A	1	148620-35110	BODY, FILTER	1	1	1				2
3	1	148633-35400	FILTER, OIL	2	2	2				3
3-1	1	148620-35400	FILTER, OIL	2	2	2				R 4
4	1	148688-35301	VALVE ASSY, RELIEF	1	1	1				
5	1	26216-100252	STUD, M10X 25	3	3	3				
6	1	26366-100002	NUT, M10	3	3	3				
7	1	24316-000480	O-RING, 4DP48.0	1	1	1				
8	1	26106-100302	BOLT, M10X 30 PLATED	1	1	1				
9	1	148620-35160	LABEL, CHANGE COCK	1	1	1				

## Fig.47. BY-PASS FILTER(LUB. OIL)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

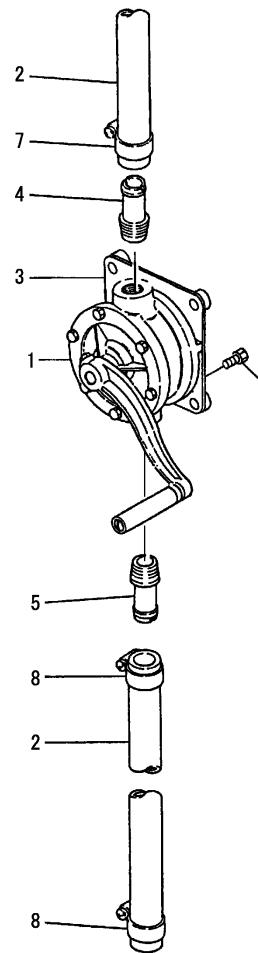
No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-35310	STRAINER, OIL	1 1 1		
1-1	1	148620-35311	STRAINER ASSY, L/O (A=E/#7081) (B=E/#7137) (C=E/#7072)	1 1 1	N	
2	2	135410-35950	O-RING, 27.4/33.6	1 1 1		
3	2	135410-35960	O-RING, 117.4/123.6	1 1 1		
4	2	135410-35970	GASKET	1 1 1		
5	2	135410-35980	NUT, CAP	1 1 1		
5-1	2	148632-35330	NUT (A=E/#7081) (B=E/#7137) (C=E/#7072)	1 1 1	N	
6	2	135410-35990	WASHER, SEAL	1 1 1		
7	2	135410-35940	SPINDLE	1 1 1		
7-1	2	135410-35880	SPINDLE (A=E/#7081) (B=E/#7137) (C=E/#7072)	1 1 1	N	
8	2	135410-35890	NUT	1 1 1		
9	2	135410-35900	LABEL	1 1 1		
10	2	135410-35910	LABEL	1 1 1		
11	2	135410-35920	WASHER, THRUST	1 1 1		
12	2	135410-35930	WASHER, THRUST	1 1 1		
13	1	26216-100222	STUD, M10X 22	4 4 4		
14	1	26366-100002	NUT, M10	4 4 4		
15	1	148628-35321	GASKET, STRAINER	1 1 1		
16	1	148620-35331	BRACKET, FILTER	1 1 1		
17	1	26106-100252	BOLT, M10X 25 PLATED	2 2 2		
18	1	148620-35320	GASKET, STRAINER	1 1 1		
19	1	26216-100252	STUD, M10X 25	2 2 2		
20	1	26366-100002	NUT, M10	2 2 2		

Fig.48. LUB. OIL PUMP(WASTE)

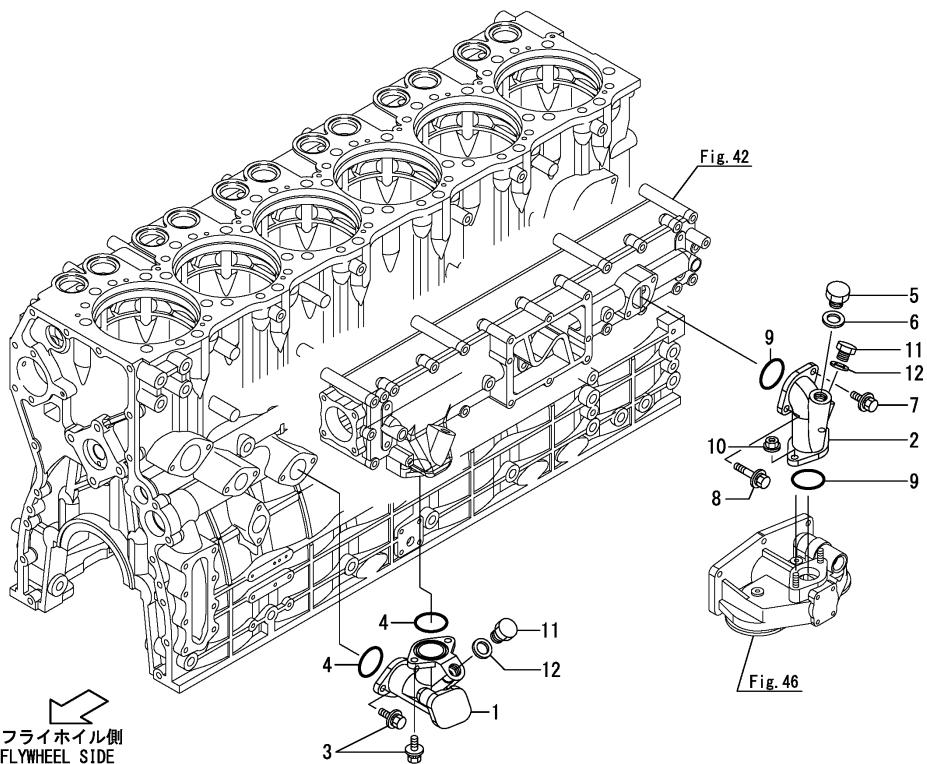
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148616-39010	PUMP ASSY, ROTARY	1	1	1			
2	1	145610-39901	HOSE, RUBBER	2	2	2			
3	1	148616-39950	BRACKET, PUMP	1	1	1			
4	1	148616-39960	JOINT, C19	1	1	1			
5	1	148616-39970	JOINT, C25	1	1	1			
6	1	26106-060302	BOLT, M6X 30 PLATED	3	3	3			
7	1	43730-552141	CLIP, HOSE 39	1	1	1			
8	1	43730-552141	CLIP, HOSE 39	2	2	2			



## Fig.49. LUB. OIL PIPE(LUB. OIL COOLER)

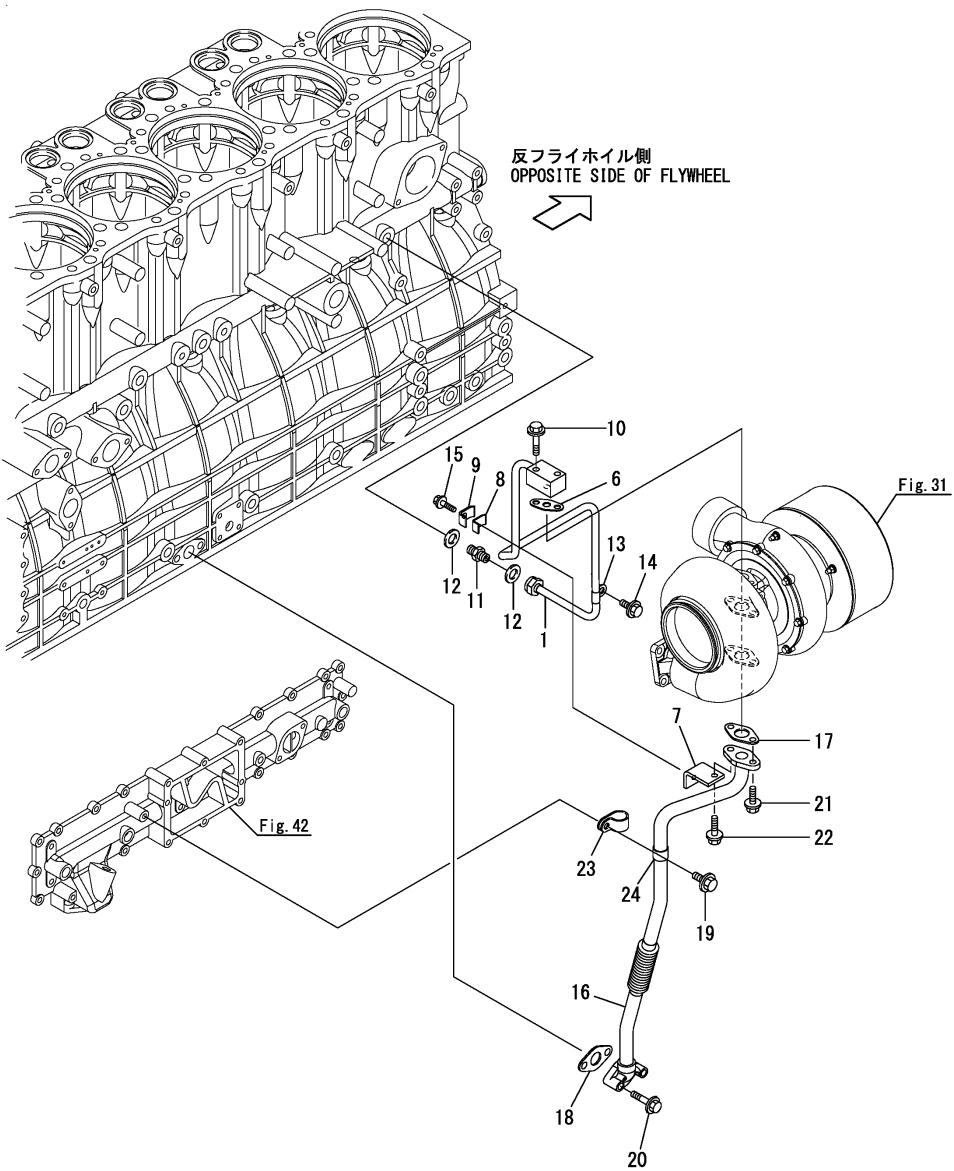


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-39150	PIPE, COOLER INLET	1 1 1		
1-1	1	148620-39151	BEND, LOC IN (A=E/#5788) (B=E/#5792) (C=E/#5808)	1 1 1	R	
2	1	148620-39160	PIPE, COOLER OUTLET	1 1 1		
2-1	1	148620-39161	BEND, LOC OUT (A=E/#5824) (B=E/#5843) (C=E/#5828)	1 1 1	R	
3	1	26106-100252	BOLT, M10X 25 PLATED	4 4 4		
4	1	24326-000500	O-RING, 4DG50.0	2 2 2		
5	1	23897-030002	PLUG G3/8,HEX.	1 1 1		
6	1	23414-170000	GASKET, 17X1.0	1 1 1		
7	1	26106-100252	BOLT, M10X 25 PLATED	1 1 1		
8	1	26106-100602	BOLT, M10X 60 PLATED	1 1 1		
9	1	24326-000500	O-RING, 4DG50.0	2 2 2		
10	1	26366-100002	NUT, M10	2 2 2		
11	1	23897-030002	PLUG G3/8,HEX.	2 2 2		
12	1	23414-170000	GASKET, 17X1.0	2 2 2		

Fig.50. LUB. OIL PIPE(TURBINE)

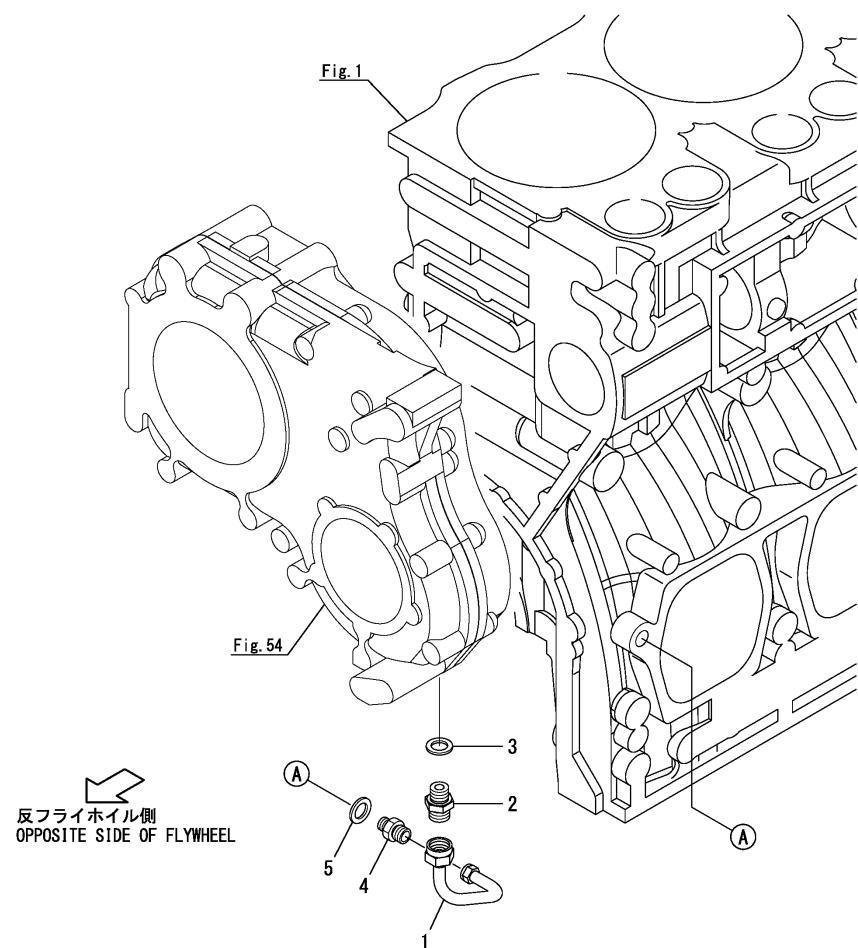


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-39412	PIPE ASSY, OIL INLET	1 1 1		
6	1	144626-39543	GASKET, OIL INLET	1 1 1		
7	1	148620-39420	SUPPORT, OIL	1 1 1		
8	1	141644-59830	RUBBER, ABSORBER	1 1 1		
9	1	133660-59320	RETAINER	1 1 1		
10	1	26106-100452	BOLT, M10X 45 PLATED	2 2 2		
11	1	23831-120000	UNION, 12	1 1 1		
12	1	23414-180000	GASKET, 18X1.0	2 2 2		
13	1	23297-120121	CLAMP, A12X12	1 1 1		
14	1	26106-100162	BOLT, M10X 16 PLATED	1 1 1		
15	1	26106-080252	BOLT, M8X 25 PLATED	1 1 1		
16	1	148660-39581	PIPE, OIL	1 1 1		
16-1	1	148660-39582	PIPE, TURBINE OUTLET	1 1 1		R
		(A=E/#5481) (B=E/#5483) (C=E/#5491)				
17	1	144626-39563	GASKET, TURBINE	1 1 1		
18	1	23428-260000	GASKET, 26X1.5	1 1 1		
19	1	26106-100162	BOLT, M10X 16 PLATED	1 1 1		
20	1	26106-100452	BOLT, M10X 45 PLATED	2 2 2		
21	1	26106-100302	BOLT, M10X 30 PLATED	1 1 1		
22	1	26106-100252	BOLT, M10X 25 PLATED	1 1 1		
23	1	23297-250121	CLAMP, A25X12	1 1 1		
24	1	148620-39840	RUBBER, ABSORBER	1 1 1		

## Fig.51. LUB. OIL PIPE(RETURN)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

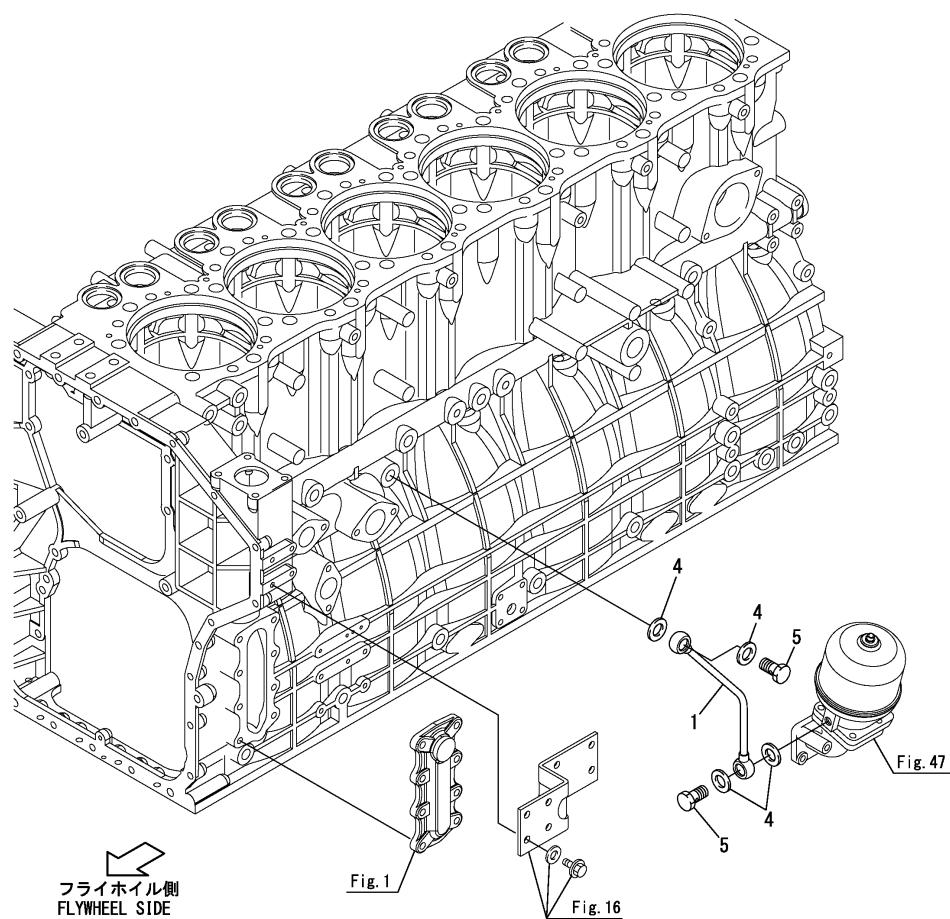
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148660-39741	PIPE, OIL RETURN	1	1	1					
2	1	23831-150000	UNION, 15	1	1	1					
3	1	23414-200000	GASKET, 20X1.0	1	1	1					
4	1	23831-150000	UNION, 15	1	1	1					
5	1	23414-200000	GASKET, 20X1.0	1	1	1					

## Fig.52. LUB. OIL PIPE(BY-PASS)

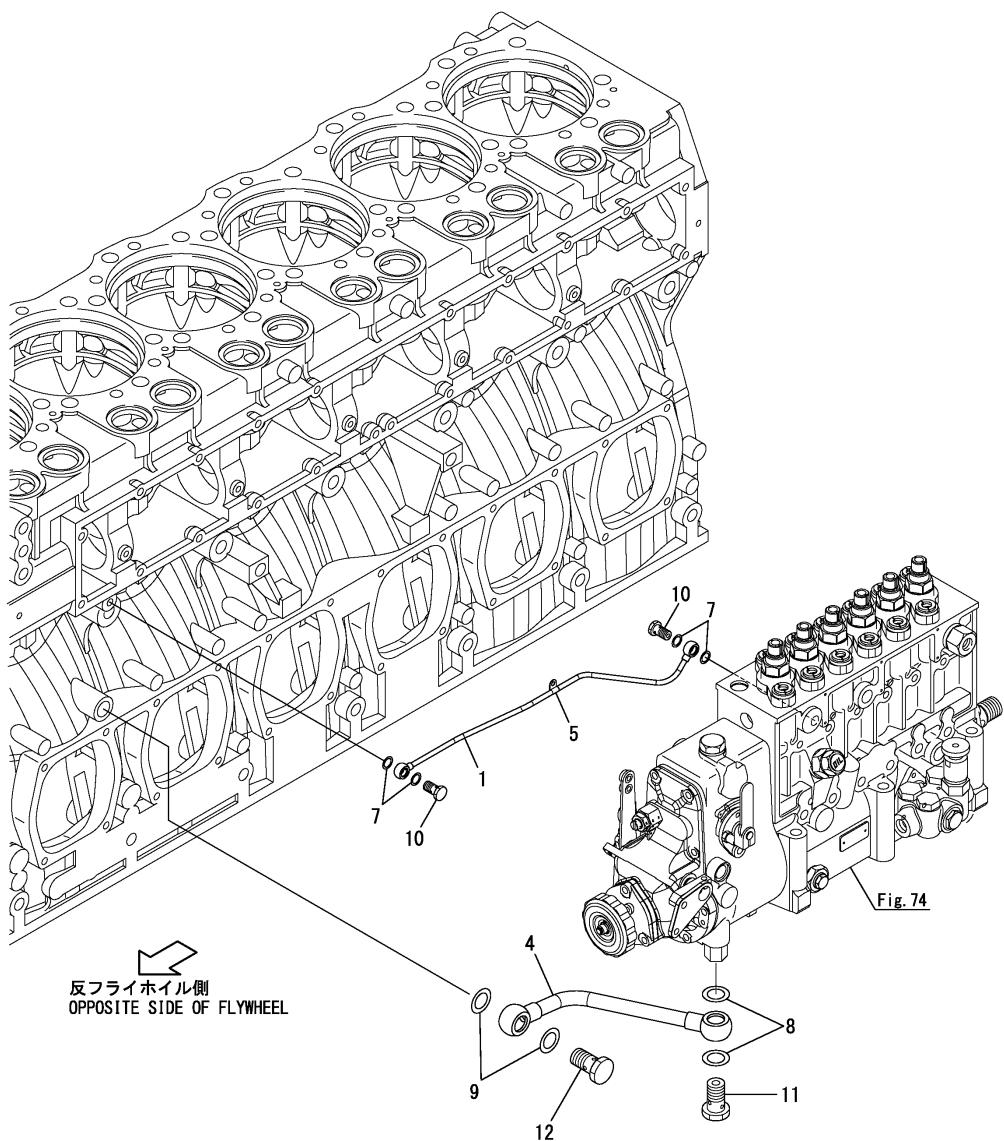
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148660-39801	PIPE ASSY, BYPASS	1	1	1					
4	1	23414-180000	GASKET, 18X1.0	4	4	4					
4-1	1	22190-180006	WASHER, SEAL 18	4	4	4					N
(A=2015.12) (B=2015.12) (C=2015.12)											
5	1	23857-120000	BOLT, JOINT 12	2	2	2					

Fig.53. LUB. OIL PIPE(FUEL INJECTION PUMP)

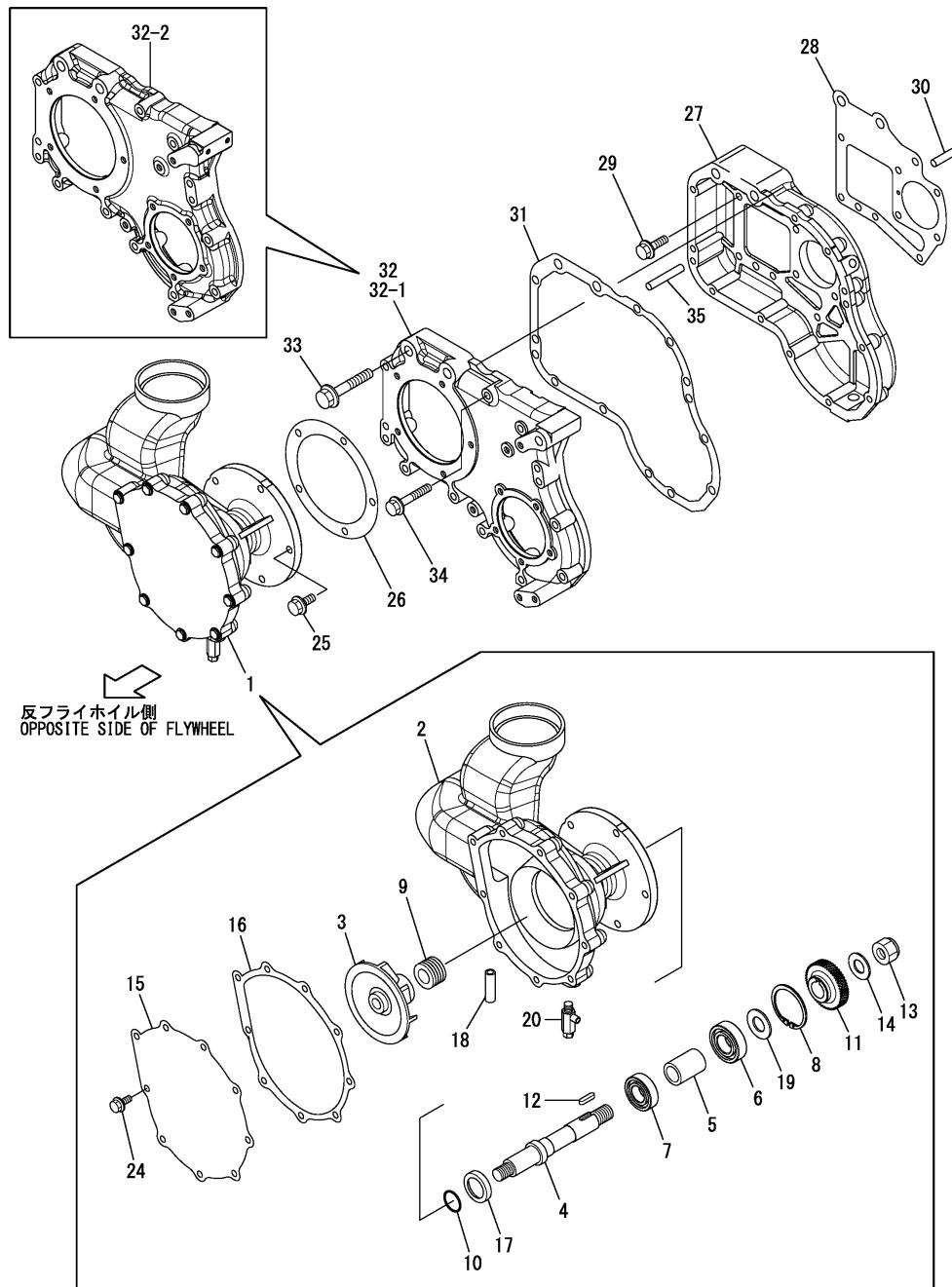


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-39262	PIPE, PUMP	1	1	1			
4	1	148620-39281	PIPE, OIL RETURN	1	1	1			
5	1	23297-060121	CLAMP, A6X12	1	1	1			
7	1	23414-120000	GASKET, 12X1.0	4	4	4			
8	1	23414-220000	GASKET, 22X1.0	2	2	2			
9	1	23414-220000	GASKET, 22X1.0	2	2	2			
10	1	23857-060000	BOLT, JOINT 6	2	2	2			
11	1	23857-180000	BOLT, JOINT 18	1	1	1			
12	1	23857-180000	BOLT, JOINT 18	1	1	1			

## Fig.54. COOLING PUMP(FRESH WATER)

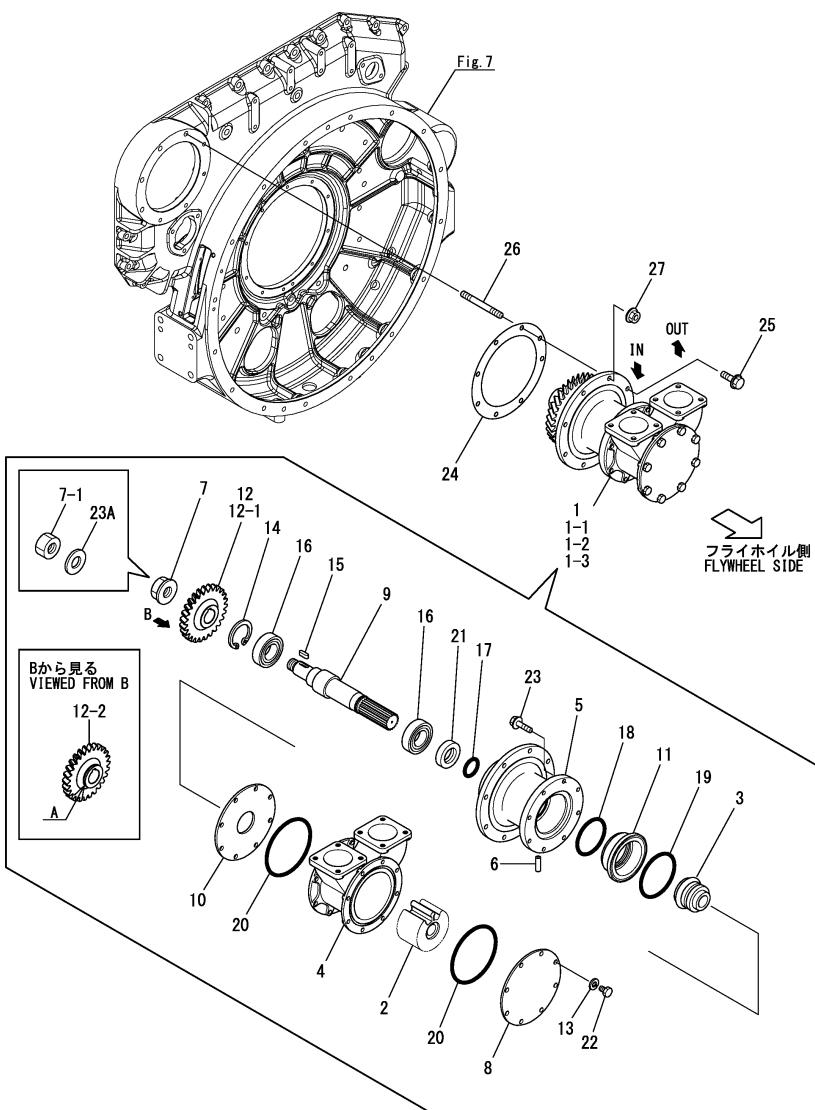


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	748660-43010	PUMP ASSY, WATER BODY, PUMP	1	1	1		
2	2	148660-43100		1	1	1		
3	2	148660-43131	IMPELLER, PUMP	1	1	1		
4	2	148660-43140	SHAFT, WATER PUMP	1	1	1		
5	2	148616-43630	SPACER, PUMP	1	1	1		
6	2	24101-063054	BEARING, BALL 6305	1	1	1		
7	2	24101-062054	BEARING, BALL 6205	1	1	1		
8	2	22252-000620	RING, 62	1	1	1		
9	2	148633-43400	SEAL, MECHANICAL	1	1	1		
10	2	24311-000250	O-RING, 1AP25.0	1	1	1		
11	2	148633-43700	GEAR, PUMP	1	1	1		
12	2	22512-070200	KEY, 7X 20	1	1	1		
13	2	26356-200002	NUT, M20	1	1	1		
14	2	22137-200000	WASHER, 20	1	1	1		
15	2	148660-43110	COVER, BODY	1	1	1		
16	2	148660-43120	GASKET, WATER PUMP	1	1	1		
16-1	2	148660-43121	PACKING, CFW-P	1	1	1		R
		(A=E/#9199) (B=E/#9206) (C=E/#9218)						
17	2	148616-54420	SEAL, TC32488	1	1	1		
17-1	2	148660-43150	SEAL, OIL 32	1	1	1		N
		(A=E/#4947) (B=E/#4954) (C=E/#4924)						
18	2	148616-43640	JOINT, DRAIN PIPE	1	1	1		
19	2	135210-11280	WASHER, THRUST	1	1	1		
20	2	119620-49290	COCK ASSY, 1/4	1	1	1		
24	2	26106-100252	BOLT, M10X 25 PLATED	9	9	9		
25	1	26106-100202	BOLT, M10X 20 PLATED	5	5	5		
26	1	148660-43201	GASKET, WATER PUMP	1	1	1		
27	1	148660-42602	CASE, PUMP DRIVE	1	1	1		
27-1	1	148660-42603	CASE, CW PUMP GEAR	1	1	1		R
		(A=E/#5824) (B=E/#5843) (C=E/#5828)						
28	1	148660-42621	GASKET, PUMP CASE	1	1	1		
29	1	26106-100302	BOLT, M10X 30 PLATED	8	8	8		
30	1	22312-120360	PIN, PARALLEL M12X36	2	2	2		
31	1	148660-42632	GASKET, PUMP COVER	1	1	1		
32	1	148660-42612	COVER, DRIVE CASE	1	1	1		
32-1	1	148660-42613	COVER, DRIVE CASE	1	1	1		R
		(A=E/#5788) (B=E/#5792) (C=E/#5808)						
32-2	1	148661-42611	COVER, DRIVE CASE	1	1	1		S
		(A=E/#7411) (B=E/#7404) (C=E/#7448)						
33	1	26292-141202	BOLT, M14X120	2	2	2		
34	1	26106-100602	BOLT, M10X 60 PLATED	11	11	11		
35	1	22312-100630	PIN, PARALLEL M10X63	2	2	2		

## Fig.55. COOLING PUMP(SEA WATER)



## Remarks

\* Exclusive figure for two-line fresh water/sea water cooling specification.

\* Ships classification is changed to Fig.131(55A) by rubber hose-less.

(1)No.7-1 & 23A are interchangeable by set.

(2)Fig.80 No.12-2 are interchangeable by set.

A : With identification groove.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

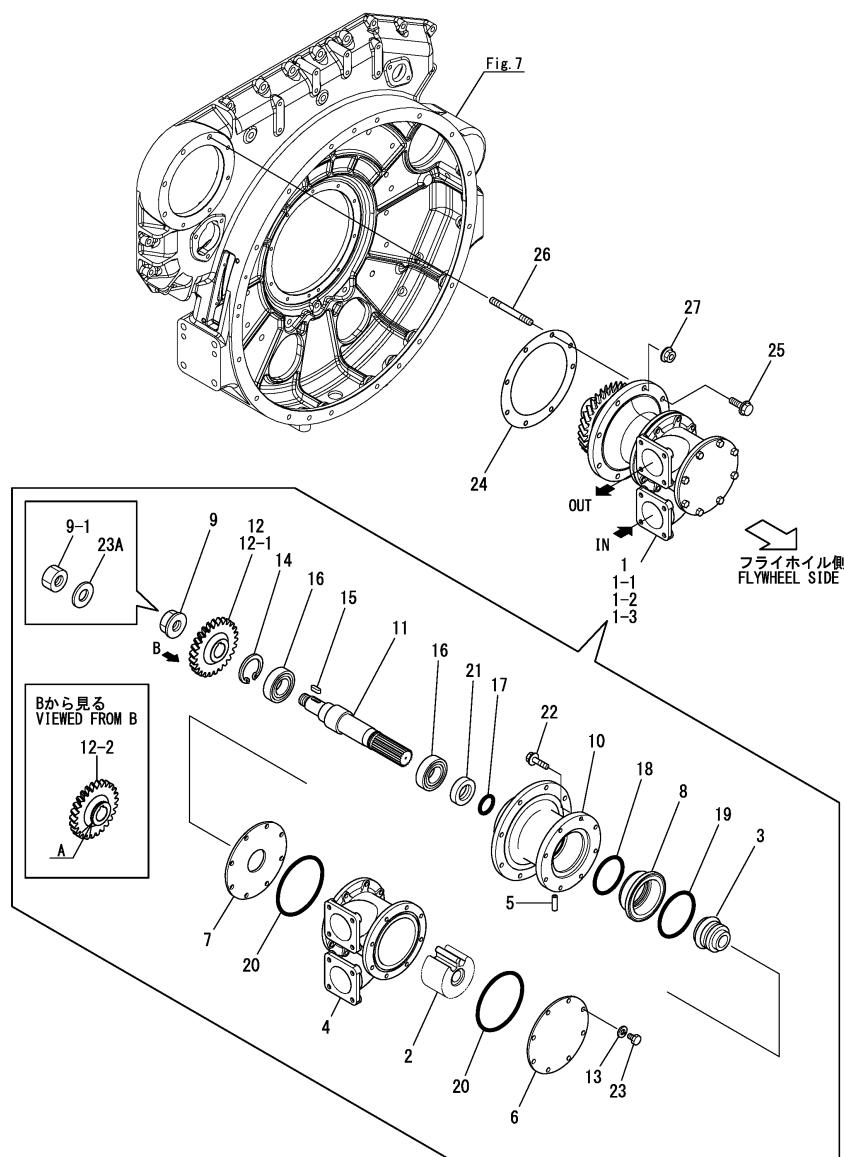
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748660-42012	PUMP ASSY, WATER	1 1 1		
1-1	1	748660-42013	PUMP ASSY, SEA WATER (A=E/#4368) (B=E/#4370) (C=E/#4523)	1 1 1	N	
1-2	1	748660-42014	PUMP ASSY, SEA WATER (A=E/#5434) (B=E/#5302) (C=E/#5460)	1 1 1	R	
1-3	1	748660-42030	PUMP ASSY, CSW (A=E/#6644) (B=E/#6654) (C=E/#6636)	1 1 1	S	
2	2	148018-42031	IMPELLER	1 1 1		
2-1	2	148018-42032	IMPELLER, PUMP (A=E/#4368) (B=E/#4370) (C=E/#4523)	1 1 1	N	
3	2	148218-42090	SEAL, MECHANICAL	1 1 1		
4	2	148634-42100	BODY, PUMP	1 1 1		
5	2	148660-42431	CASE, BEARING	1 1 1		
6	2	120130-42130	JOINT, DRAIN	1 1 1		
7	2	148660-42420	NUT, WATER PUMP L	1 1 1		
7-1	2	148018-42140	NUT, M27X2 XL (A=E/#6089) (B=E/#6146) (C=E/#6114)	1 1 1	S 1	
8	2	148018-42170	COVER	1 1 1		
9	2	148660-42440	SHAFT, WATER PUMP	1 1 1		
10	2	148634-42340	PLATE, WEAR	1 1 1		
11	2	148018-42361	HOUSING, SEAL	1 1 1		
12	2	148660-42400	GEAR, PUMP	1 1 1		
12-1	2	148660-42460	GEAR, PUMP (A=E/#5434) (B=E/#5302) (C=E/#5460)	1 1 1	R	
12-2	2	148660-42401	GEAR, PUMP (A=E/#6644) (B=E/#6591) (C=E/#6636)	1 1 1	S 2	
13	2	22213-080000	WASHER, SPRING 8	8 8 8		
14	2	22252-000900	RING, 90	1 1 1		
15	2	22512-100260	KEY, 10X 26	1 1 1		
16	2	24101-063084	BEARING, BALL 6308	2 2 2		
17	2	24311-000400	O-RING, 1AP40.0	1 1 1		
18	2	24321-000700	O-RING, 1AG70.0	1 1 1		
19	2	24321-001000	O-RING, 1AG100.0	1 1 1		
20	2	24321-001300	O-RING, 1AG130.0	2 2 2		
21	2	24421-405508	SEAL, OIL TC405508	1 1 1		
22	2	26113-080162	BOLT M 8X 16 (STEN	8 8 8		
23	2	26106-080302	BOLT, M8X 30 PLATED	8 8 8		
23A	2	22131-270000	WASHER 27 (A=E/#6089) (B=E/#6146) (C=E/#6114)	1 1 1	W 1	
24	1	148660-42451	GASKET, WATER PUMP	1 1 1		
25	1	26106-100302	BOLT, M10X 30 PLATED	4 4 4		
26	1	26216-101002	STUD, M10X100	4 4 4		
27	1	26366-100002	NUT, M10	4 4 4		

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.131. (55A)COOLING PUMP(SEA WATER)(SHIPS CLASSIFICATION PARTS)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	748690-42010	PUMP ASSY, SEA WATER (A=*2011.12) (B=E/#2322) (C=*2011.12)	1	1	1			W
1-1	1	748690-42011	PUMP ASSY, SEA WATER (A=E/#5109) (B=E/#4575) (C=E/#4924)	1	1	1			N
1-2	1	748690-42012	PUMP ASSY, SEA WATER (A=E/#5673) (B=E/#5395) (C=*2014.08)	1	1	1			R
1-3	1	748690-42020	PUMP ASSY, CSW (A=E/#6644) (B=E/#6591) (C=E/#6636)	1	1	1			S
2	2	148018-42031	IMPELLER	1	1	1			
2-1	2	148018-42032	IMPELLER, PUMP (A=E/#5109) (B=E/#4575) (C=E/#4924)	1	1	1			N
3	2	148218-42090	SEAL, MECHANICAL	1	1	1			
4	2	148634-42100	BODY, PUMP	1	1	1			
5	2	120130-42130	JOINT, DRAIN	1	1	1			
6	2	148018-42170	COVER	1	1	1			
7	2	148634-42340	PLATE, WEAR	1	1	1			
8	2	148018-42361	HOUSING, SEAL	1	1	1			
9	2	148660-42420	NUT, WATER PUMP L	1	1	1			
9-1	2	148018-42140	NUT, M27X2 XL (A=E/#6089) (B=E/#6146) (C=E/#6114)	1	1	1			S 1
10	2	148660-42431	CASE, BEARING	1	1	1			
11	2	148660-42440	SHAFT, WATER PUMP	1	1	1			
12	2	148660-42400	GEAR, PUMP	1	1	1			
12-1	2	148660-42460	GEAR, PUMP (A=E/#5673) (B=E/#5395) (C=*2014.08)	1	1	1			R
12-2	2	148660-42401	GEAR, PUMP (A=E/#6644) (B=E/#6591) (C=E/#6636)	1	1	1			S 2
13	2	22213-080000	WASHER, SPRING 8	8	8	8			
14	2	22252-000900	RING, 90	1	1	1			
15	2	22512-100260	KEY, 10X 26	1	1	1			
16	2	24101-063084	BEARING, BALL 6308	2	2	2			
17	2	24311-000400	O-RING, 1AP40.0	1	1	1			
18	2	24321-000700	O-RING, 1AG70.0	1	1	1			
19	2	24321-001000	O-RING, 1AG100.0	1	1	1			
20	2	24321-001300	O-RING, 1AG130.0	2	2	2			
21	2	24421-405508	SEAL, OIL TC405508	1	1	1			
22	2	26106-080302	BOLT, M8X 30 PLATED	8	8	8			
23	2	26113-080162	BOLT M 8X 16 (STEN	8	8	8			
23A	2	22131-270000	WASHER 27 (A=E/#6089) (B=E/#6146) (C=E/#6114)	1	1	1			W 1
24	1	148660-42451	GASKET, WATER PUMP	1	1	1			
25	1	26106-100302	BOLT, M10X 30 PLATED	4	4	4			
26	1	26216-101002	STUD, M10X100	4	4	4			
27	1	26366-100002	NUT, M10	4	4	4			

## Remarks

\* Exclusive figure for two-line fresh water/sea water cooling specification & Ships classification parts.

(1)No.9-1 & 23A are interchangeable by set.

(2)Fig.80 No.12-2 are interchangeable by set.

A : With identification groove.

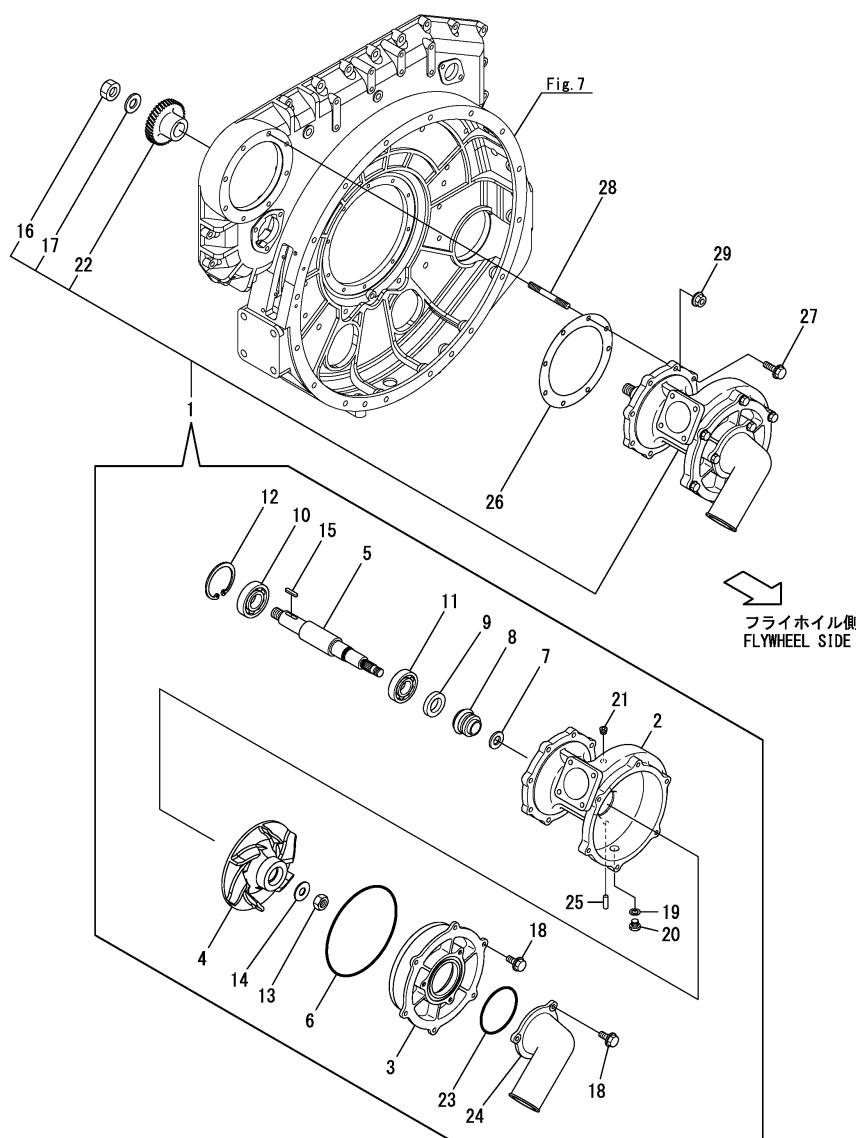
N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.56. COOLING PUMP(FRESH WATER)(LOW TEMP. WATER)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748690-43020	PUMP ASSY, WATER	1 1 1		
1-1	1	748690-43021	PUMP, LTW	1 1 1		R
		(A=E/#6253) (B=E/#6215) (C=2016.02)				
2	2	148690-43100	CASE	1 1 1		
3	2	148690-43110	COVER	1 1 1		
4	2	148690-43120	IMPELLER, PUMP	1 1 1		
4-1	2	148690-43121	IMPELLER	1 1 1		R
		(A=E/#6253) (B=E/#6215) (C=2016.02)				
5	2	148690-43130	SHAFT, WATER PUMP	1 1 1		
6	2	24321-002100	O-RING, 1AG210.0	1 1 1		
7	2	147673-42260	COLLAR, PUMP T=3	1 1 1		
8	2	148620-42330	SEAL, MECHANICAL	1 1 1		
8-1	2	148620-42331	SEAL, MECHANICAL	1 1 1		N
		(A=E/#8614) (B=2020.11) (C=2020.11)				
9	2	24423-355511	SEAL, OIL TC355511	1 1 1		
10	2	24101-063074	BEARING, BALL 6307	1 1 1		
11	2	24101-062074	BEARING, BALL 6207	1 1 1		
12	2	22252-000800	RING, 80	1 1 1		
13	2	26731-160002	NUT, M16	1 1 1		
14	2	22133-160000	WASHER, 16	1 1 1		
15	2	22512-070320	KEY, 7X 32	1 1 1		
16	2	26732-240002	NUT, M24	1 1 1		
17	2	22137-240000	WASHER, 24	1 1 1		
18	2	26106-100202	BOLT, M10X 20 PLATED	9 9 9		
19	2	23414-130000	GASKET, 13X1.0	1 1 1		
20	2	23894-020002	PLUG, G1/4	1 1 1		
21	2	23876-010000	PLUG, R01	2 2 2		
22	2	148690-43140	GEAR, PUMP	1 1 1		
23	2	24321-001000	O-RING, 1AG100.0	1 1 1		
24	2	148690-43150	BEND	1 1 1		
25	2	120130-42130	JOINT, DRAIN	1 1 1		
26	1	148660-42451	GASKET, WATER PUMP	1 1 1		
27	1	26106-100282	BOLT, M10X 28 PLATED	4 4 4		
28	1	26216-101002	STUD, M10X100	4 4 4		
29	1	26366-100002	NUT, M10	4 4 4		

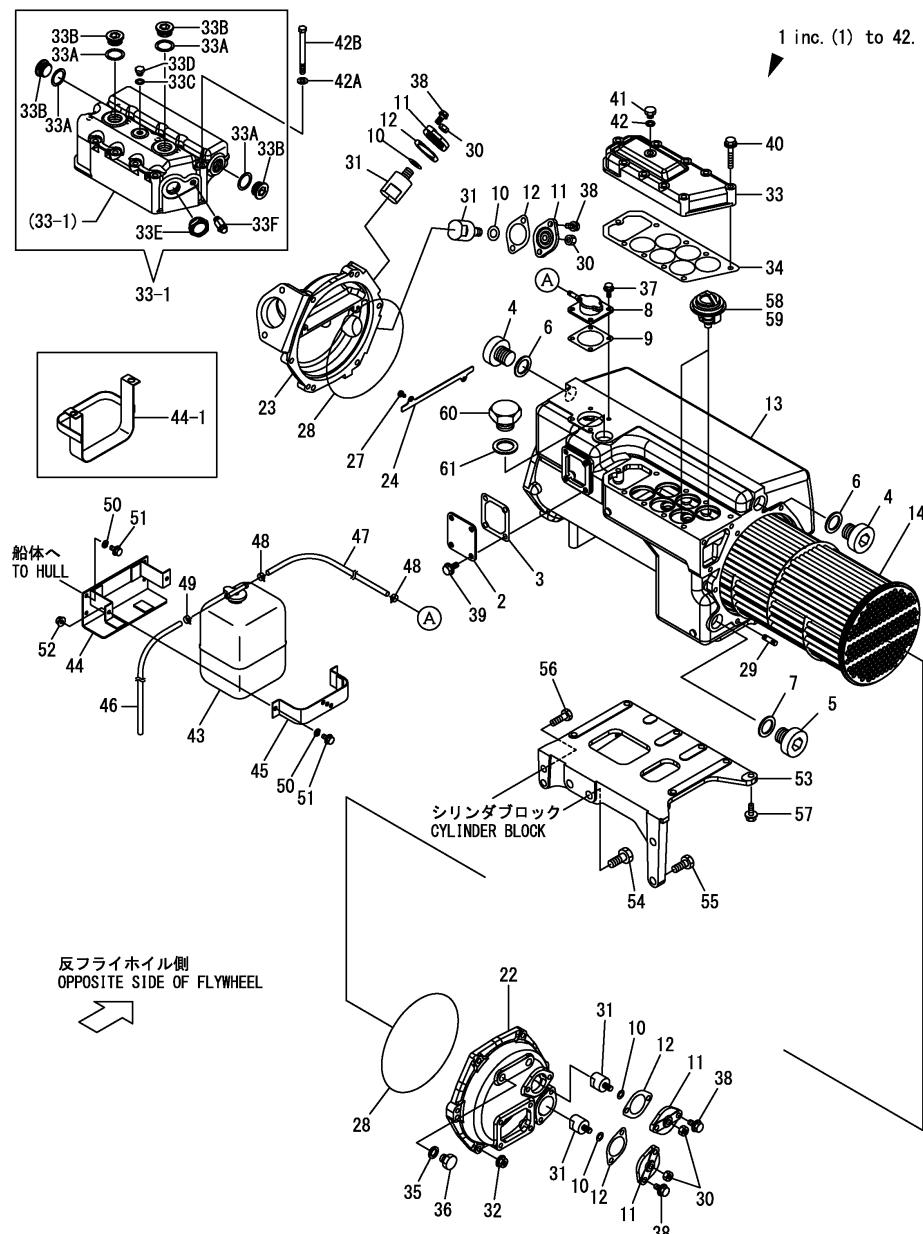
## Remarks

\* Exclusive figure for two-line fresh water/fresh water cooling specification.

N:Old  Yes  No New, Q:Old  Yes  New, R:Old  Yes  New, S:Old  Yes  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.57. COOLER(FRESH WATER)



## Remarks

- (1)For without instrument panel.  
(2)No.33-1, 42A & 42B are interchangeable by set.

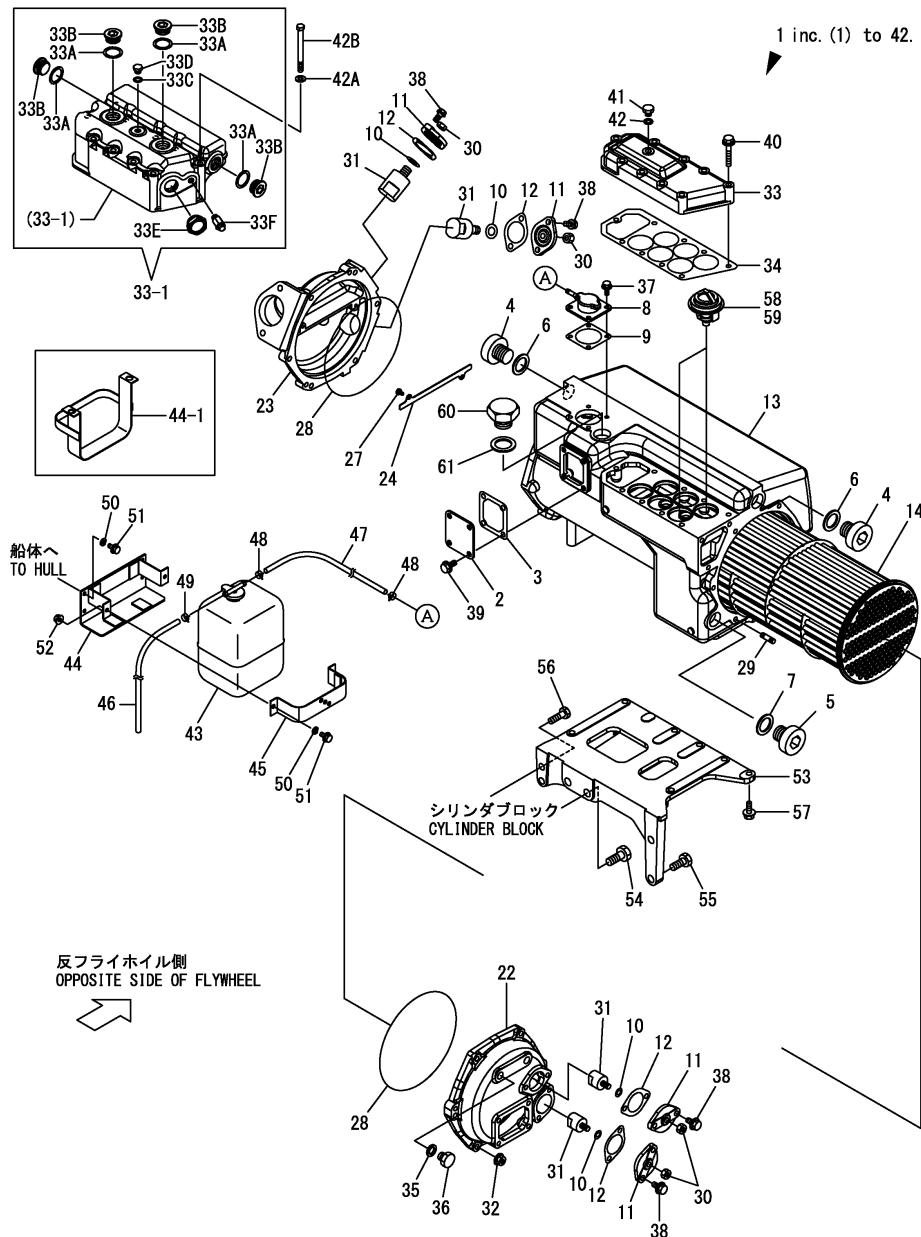
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	748660-44801	COOLER ASSY, WATER	1	1	1			
2	2	126683-44400	COVER, COOLER	1	1	1			
3	2	148218-33061	GASKET, COOLER	1	1	1			
4	2	127610-11750	PLUG, SCREW M33X1.5	2	2	2			
5	2	23897-040002	PLUG, G1/2	1	1	1			
6	2	127610-11760	GASKET	2	2	2			
7	2	23414-210000	GASKET, 21X1.0	1	1	1			
8	2	128623-44210	FILLER ASSY	1	1	1			
9	2	126650-44610	GASKET	1	1	1			
9-1	2	148960-44610	GASKET, FILLER	1	1	1	N		
		(A=E/#8636) (B=E/#8637) (C=E/#8626)							
10	2	132310-09330	PACKING, ZINC	4	4	4			
11	2	145640-09320	FLANGE, ZINC	4	4	4			
11-1	2	145640-09321	FLANGE, ZINC	4	4	4	R		
		(A=E/#2394) (B=E/#2398) (C=E/#2472)							
12	2	126685-09330	GASKET, ZINC FLANGE	4	4	4			
13	2	148660-44033	BODY, COOLER	1	1	1			
14	2	148633-44211	CORE ASSY, COOLER	1	1	1			
14-1	2	148633-44212	CORE ASSY, COOLER	1	1	1	R		
14-2	2	148660-44210	CORE ASSY, HEX	1	1	1	N		
		(A=E/#7775) (B=E/#7789) (C=E/#7570)							
22	2	148633-44310	COVER, COOLER SIDE A	1	1	1			
22-1	2	148633-44311	COVER, COOLER	1	1	1	R		
		(A=E/#5640) (B=E/#5650) (C=E/#5644)							
23	2	148660-44321	COVER, COOLER SIDE B	1	1	1			
24	2	148633-44530	GUARD ASSY	1	1	1			
27	2	26113-060122	BOLT, M6X 12	2	2	2			
28	2	24321-002300	O-RING, 1AG230.0	2	2	2			
29	2	26226-100352	STUD, M10X 35	12	12	12			
30	2	26716-100002	NUT, M10	4	4	4			
31	2	27200-400400	ZINC, NUT40X40	4	4	4			
32	2	26366-100002	NUT, M10	16	16	16			
33	2	148660-44351	COVER, THERMOSTAT	1	1	1			
33-1	2	148660-44410	COVER ASSY, THERMOST	1	1	1	S 2		
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33A	3	23414-300000	GASKET, 30X1.0	4	4	4			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33B	3	148616-11950	PLUG, M30	4	4	4			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33C	3	22190-120006	WASHER, SEAL 12	1	1	1			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33D	3	23887-120002	PLUG, 12	1	1	1			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33E	3	42130-010910	GAUGE, OIL	1	1	1			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
33F	3	119620-49290	COCK ASSY, 1/4	1	1	1			
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
34	2	148660-44360	GASKET, THERMO COVER	1	1	1			
34-1	2	148660-44361	GASKET, THERMO COVER	1	1	1	R		
		(A=E/#4128) (B=E/#4135) (C=E/#4366)							

N:Old Yes New, Q:Old No Yes New, R:Old Yes New, S:Old No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++ Copyright (C) 2020 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

## Fig.57. COOLER(FRESH WATER)



## Remarks

- (1)For without instrument panel.  
(2)No.33-1, 42A & 42B are interchangeable by set.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
35	2	23414-170000	GASKET, 17X1.0	2	2	2
36	2	23894-030002	PLUG, G3/8	2	2	2
37	2	26106-080162	BOLT, M8X 16 PLATED	4	4	4
38	2	26106-100202	BOLT, M10X 20 PLATED	8	8	8
39	2	26106-100252	BOLT, M10X 25 PLATED	4	4	4
40	2	26106-100602	BOLT, M10X 60 PLATED	9	9	9
		(A=E/#8375) (B=E/#8488) (C=E/#8377)			Z	
41	2	23887-120002	PLUG, 12	1	1	1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)			Z	
42	2	23414-120000	GASKET, 12X1.0	1	1	1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)			Z	
42A	1	22137-100000	WASHER, 10	9	9	9
		(A=E/#8375) (B=E/#8488) (C=E/#8377)			W 2	
42B	1	26116-101102	BOLT, M10X110 PLATED	9	9	9
		(A=E/#8375) (B=E/#8488) (C=E/#8377)			W 2	
43	1	43230-556830	TANK ASSY, SUB	1	1	1
44	1	42215-570330	BRACKET, SUB TANK	1	1	1
44-1	1	119593-44560	BRACKET, SUB TANK	1	1	1
		(A=E/#4128) (B=E/#4135) (C=E/#4366)			N	
45	1	42215-570340	BELT, SUB TANK	1	1	1
		(A=E/#4128) (B=E/#4135) (C=E/#4366)			Z	
46	1	23061-071700	PIPE, 7X1700	1	1	1
47	1	123482-44570	PIPE, OVERFLOW	1	1	1
48	1	23000-013000	CLAMP, 13	2	2	2
49	1	23010-009000	CLAMP, 9	1	1	1
50	1	22217-080000	WASHER, SPRING 8	4	4	4
		(A=E/#4128) (B=E/#4135) (C=E/#4366)			Z	
51	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4
		(A=E/#4128) (B=E/#4135) (C=E/#4366)			Z	
52	1	26366-080002	NUT, M8	2	2	2
		(A=E/#4128) (B=E/#4135) (C=E/#4366)			Z	
53	1	148660-44611	BRACKET, COOLER	1	1	1
54	1	26156-160402	BOLT, M16X 40 PLATED	2	2	2
55	1	26156-140402	BOLT, M14X 40 PLATED	2	2	2
56	1	26116-120402	BOLT, M12X 40 PLATED	2	2	2
57	1	26106-100302	BOLT, M10X 30 PLATED	9	9	9
58	1	148616-48200	THERMOSTAT, 71C 54	3	3	3
59	1	126634-48180	THERMOSTAT, 76.5-90	3	3	3
60	1	41649-000130	PLUG, M36	1	1	1
60-1	1	127610-44900	PLUG, M36X1.5	1	1	1
		(A=E/#5109) (B=E/#4537) (C='2013.05)			R 1	
61	1	22190-360002	WASHER, SEAL 36	1	1	1

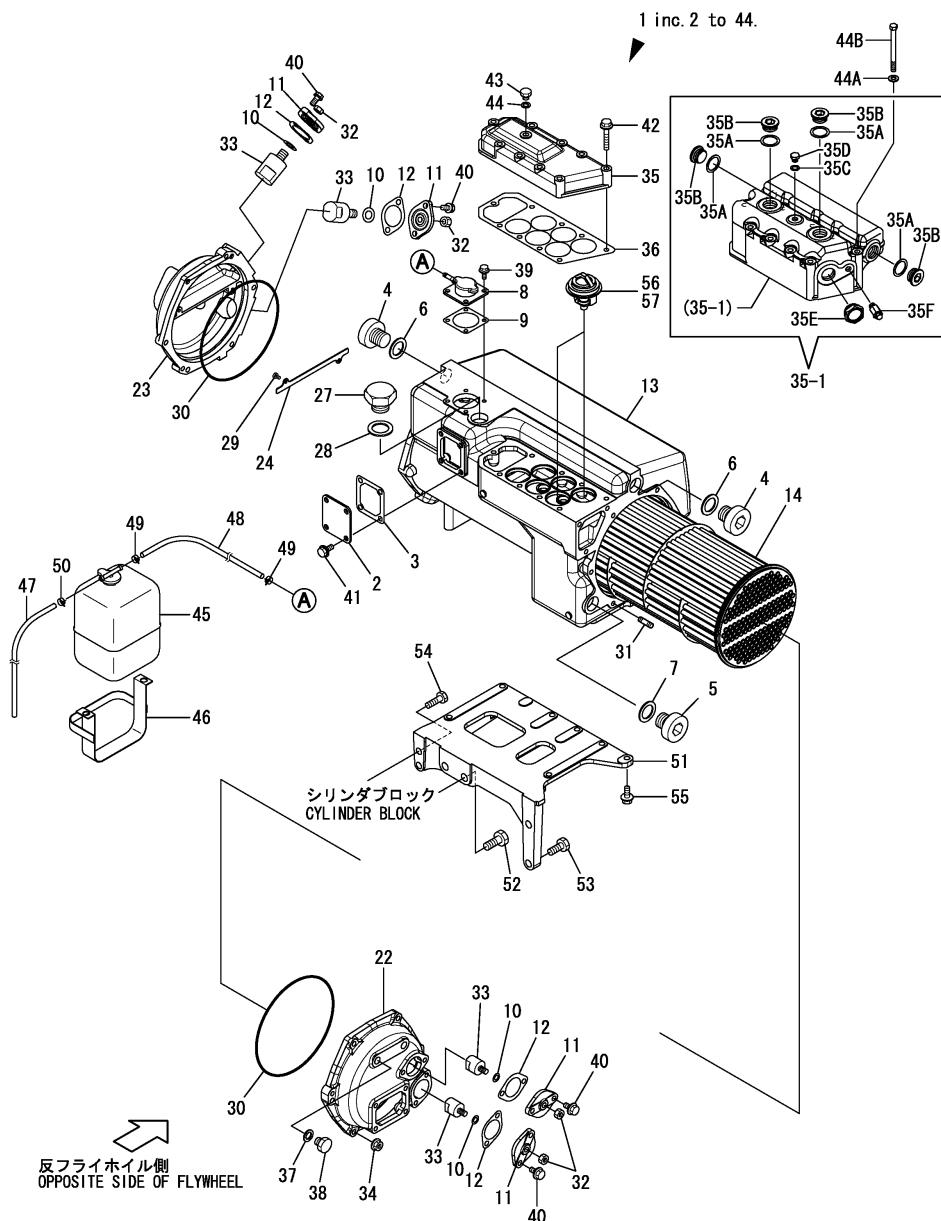
N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.147. (57A)COOLER(FRESH WATER)(JG INSPECTION PARTS)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



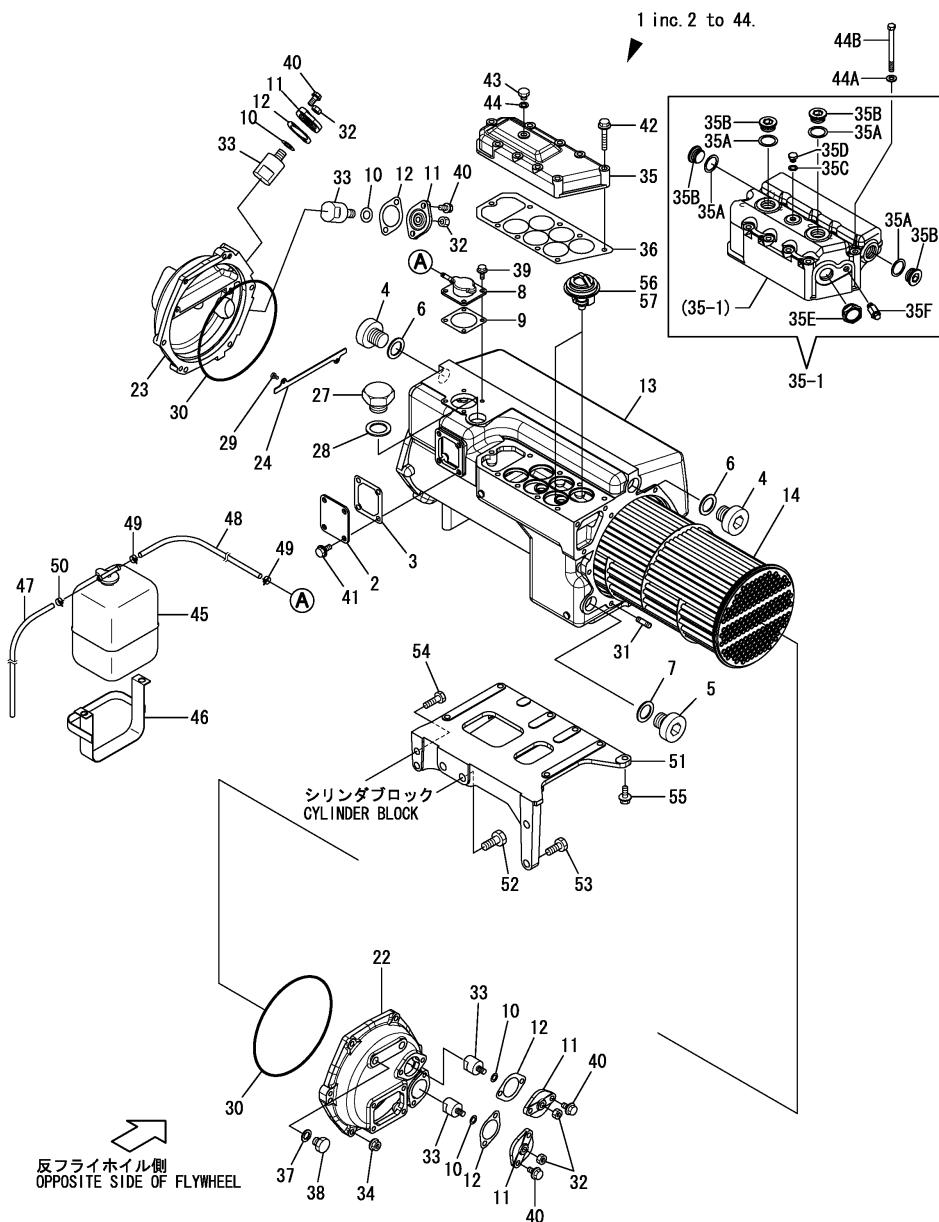
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	748660-44110 (A=**2011.09)	COOLER ASSY, FW (B=**2011.09) (C=**2011.09)	1	1	1				W	
1-1	1	748660-44111 (A=E/#7783)	COOLER ASSY, FW (B=E/#7829) (C=E/#7569)	1	1	1				N	
1-2	1	748660-44111 (A=E/#8375)	COOLER ASSY, FW (B=E/#8488) (C=E/#8377)	1	1	1				Z	
2	2	126683-44400	COVER, COOLER	1	1	1					
3	2	148218-33061	GASKET, COOLER	1	1	1					
4	2	127610-11750	PLUG, SCREW M33X1.5	2	2	2					
5	2	23897-040002	PLUG, G1/2	1	1	1					
6	2	127610-11760	GASKET	2	2	2					
7	2	23414-210000	GASKET, 21X1.0	1	1	1					
8	2	128623-44210	FILLER ASSY	1	1	1					
9	2	126650-44610	GASKET	1	1	1					
9-1	2	148960-44610 (A=E/#8636)	GASKET, FILLER (B=E/#8637) (C=E/#8626)	1	1	1				N	
10	2	132310-09330	PACKING, ZINC	4	4	4					
11	2	145640-09321	FLANGE, ZINC	4	4	4					
12	2	126685-09330	GASKET, ZINC FLANGE	4	4	4					
13	2	148660-44033	BODY, COOLER	1	1	1					
14	2	148633-44212	CORE ASSY, COOLER	1	1	1					
14-1	2	148660-44210 (A=E/#7783)	CORE ASSY, HEX (B=E/#7829) (C=E/#7569)	1	1	1				N	
22	2	148633-44311	COVER, COOLER	1	1	1					
23	2	148690-44320	COVER B	1	1	1					
24	2	148633-44530	GUARD ASSY	1	1	1					
27	2	127610-44900	PLUG, M36X1.5	1	1	1					
28	2	22190-360002	WASHER, SEAL 36	1	1	1					
29	2	26113-060122	BOLT, M6X 12	2	2	2					
30	2	24321-002300	O-RING, 1AG230.0	2	2	2					
31	2	26226-100352	STUD, M10X 35	12	12	12					
32	2	26716-100002	NUT, M10	4	4	4					
33	2	27200-400400	ZINC, NUT40X40	4	4	4					
34	2	26366-100002	NUT, M10	16	16	16					
35	2	148660-44351	COVER, THERMOSTAT	1	1	1					
35-1	2	148660-44410 (A=**2020.04)	COVER ASSY, THERMOST (B=E/#8373) (C=**2020.04)	1	1	1				S	1
35A	3	23414-300000 (A=**2020.04)	GASKET, 30X1.0 (B=E/#8373) (C=**2020.04)	4	4	4				W	
35B	3	148616-11950 (A=**2020.04)	PLUG, M30 (B=E/#8373) (C=**2020.04)	4	4	4				W	
35C	3	22190-120006 (A=**2020.04)	WASHER, SEAL 12 (B=E/#8373) (C=**2020.04)	1	1	1				W	
35D	3	23887-120002 (A=**2020.04)	PLUG, 12 (B=E/#8373) (C=**2020.04)	1	1	1				W	
35E	3	42130-010910 (A=**2020.04)	GAUGE, OIL (B=E/#8373) (C=**2020.04)	1	1	1				W	
35F	3	119620-49290 (A=**2020.04)	COCK ASSY, 1/4 (B=E/#8373) (C=**2020.04)	1	1	1				W	
36	2	148660-44361	GASKET, THERMO COVER	1	1	1					
37	2	23414-170000	GASKET, 17X1.0	2	2	2					

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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## Remarks

(1)No.35-1, 44A & 44B are interchangeable by set.

Fig.147. (57A)COOLER(FRESH WATER)(JG INSPECTION PARTS)



## Remarks

(1) No.35-1, 44A & 44B are interchangeable by set.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty			I	R	
				(A)	(B)	(C)	(D)	(E)	(F)
38	2	23894-030002	PLUG, G3/8	2	2	2			
39	2	26106-080162	BOLT, M8X 16 PLATED	4	4	4			
40	2	26106-100202	BOLT, M10X 20 PLATED	8	8	8			
41	2	26106-100252	BOLT, M10X 25 PLATED	4	4	4			
42	2	26106-100602	BOLT, M10X 60 PLATED	9	9	9			Z
	(A=*	2020.04)	(B=E/#8373)	(C=*	2020.04)				
43	2	23887-120002	PLUG, 12	1	1	1			Z
	(A=*	2020.04)	(B=E/#8373)	(C=*	2020.04)				
44	2	23414-120000	GASKET, 12X1.0	1	1	1			Z
	(A=*	2020.04)	(B=E/#8373)	(C=*	2020.04)				
44A	1	22137-100000	WASHER, 10	9	9	9			W 1
	(A=*	2020.04)	(B=E/#8373)	(C=*	2020.04)				
44B	1	26116-101102	BOLT, M10X110 PLATED	9	9	9			W 1
	(A=*	2020.04)	(B=E/#8373)	(C=*	2020.04)				
45	1	43230-556830	TANK ASSY, SUB	1	1	1			
46	1	119593-44560	BRACKET, SUB TANK	1	1	1			
47	1	23061-071700	PIPE, 7X1700	1	1	1			
48	1	123482-44570	PIPE, OVERFLOW	1	1	1			
49	1	23000-013000	CLAMP, 13	2	2	2			
50	1	23010-009000	CLAMP, 9	1	1	1			
51	1	148660-44611	BRACKET, COOLER	1	1	1			
52	1	26156-160402	BOLT, M16X 40 PLATED	2	2	2			
53	1	26156-140402	BOLT, M14X 40 PLATED	2	2	2			
54	1	26116-120402	BOLT, M12X 40 PLATED	2	2	2			
55	1	26106-100302	BOLT, M10X 30 PLATED	9	9	9			
56	1	148616-48200	THERMOSTAT, 71C 54	3	3	3			
57	1	126634-48180	THERMOSTAT, 76.5-90	3	3	3			

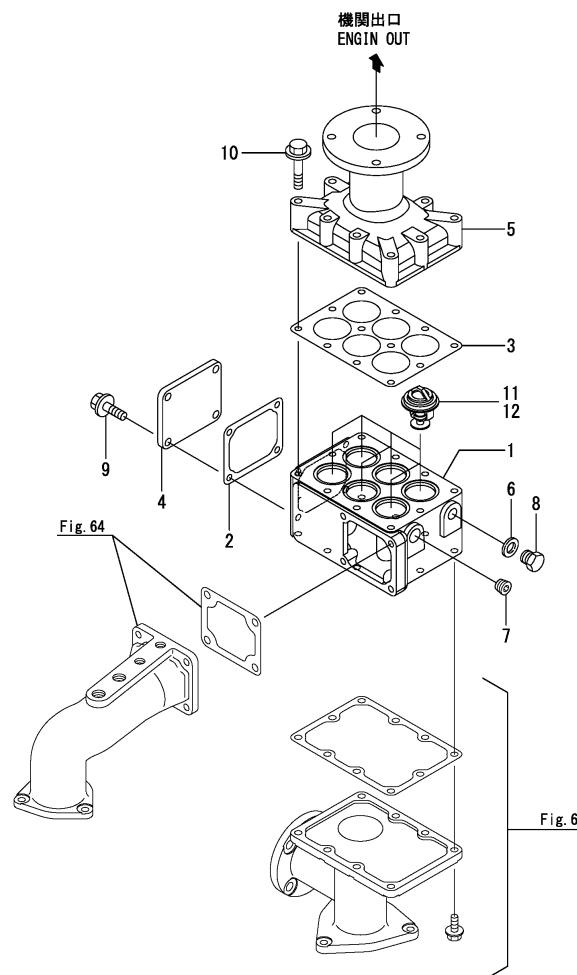
N:Old  Yes New, Q:Old  No New, R:Old  Yes New, S:Old  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.58. COOLING WATER THERMOSTAT(FRESH WATER)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148620-48102	BODY, THERMOSTAT	1	1	1					
2	1	148620-49380	GASKET	1	1	1					
3	1	148620-49400	GASKET, THERMO OUT	1	1	1					
4	1	148690-49770	COVER, THERMO CASE	1	1	1					
5	1	148620-49800	PIPE, ENGINE OUTLET	1	1	1					
6	1	23414-170000	GASKET, 17X1.0	1	1	1					
7	1	23875-040000	PLUG, R04	1	1	1					
8	1	23897-030002	PLUG G3/8,HEX.	1	1	1					
9	1	26106-100202	BOLT, M10X 20 PLATED	4	4	4					
10	1	26106-100502	BOLT, M10X 50 PLATED	10	10	10					
11	1	126634-48180	THERMOSTAT, 76.5-90	3	3	3					
11-1	1	148616-48170	THERMOSTAT, 76.5C	3	3	3					N
(A=E/#6253) (B=E/#6215) (C=2015.07)											
12	1	148616-48200	THERMOSTAT, 71C 54	3	3	3					

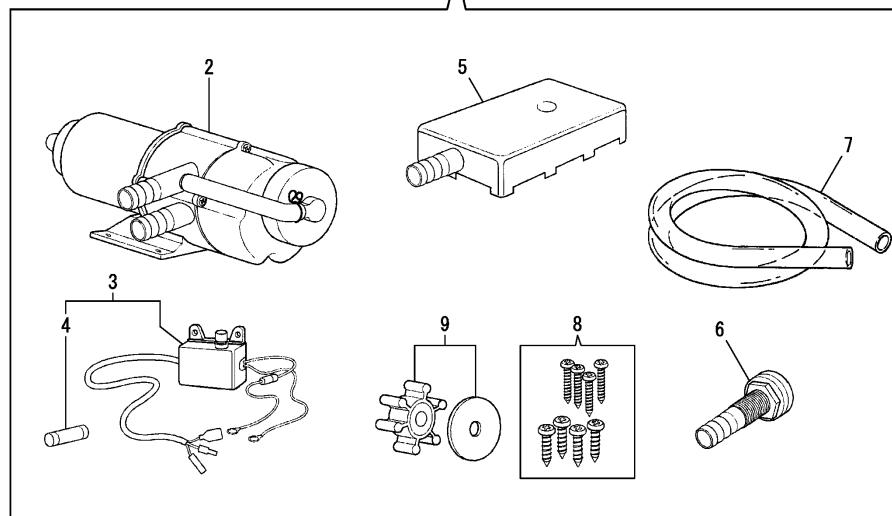
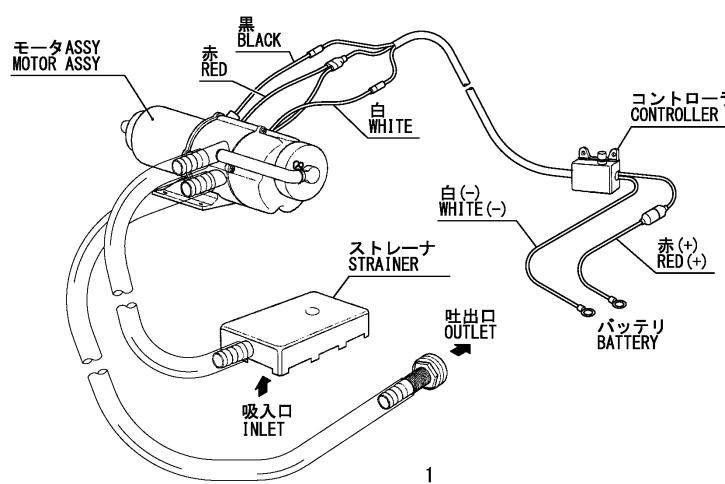
## Remarks

\* Exclusive figure for two-line fresh water/fresh water cooling specification & without fresh water cooler specification.

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

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## Fig.59. BILGE PUMP(OPTIONAL)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

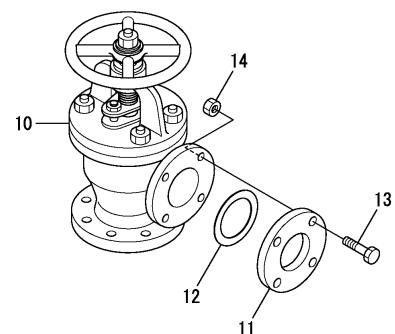
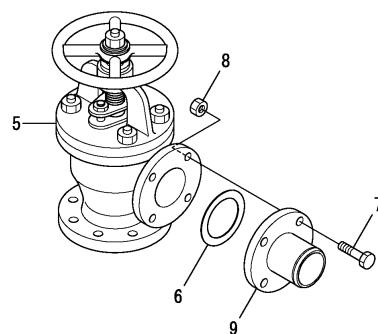
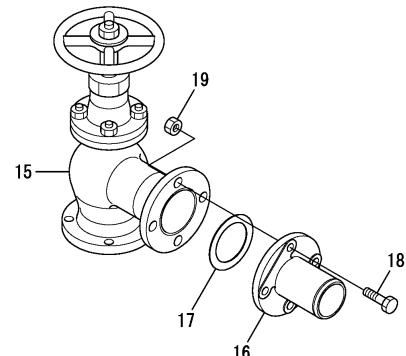
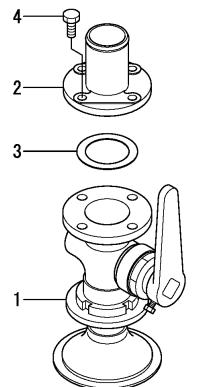
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	977780-02411	PUMP ASSY, BILGE	1	1	1			
2	2	X0318121011	MOTOR ASSY, PUMP	1	1	1			
3	2	X158606402X	SWITH	1	1	1			
4	3	X8636008003	FUSE, 8A	1	1	1			
5	2	X179100022X	STRAINER	1	1	1			
6	2	X179100100X	PIPE ASSY	1	1	1			
7	2	X0044021509	HOSE, A	1	1	1			
8	2	X199906101X	SCREW SET	1	1	1			
9	2	977780-03000	IMPELLER KIT	1	1	1			

## Fig.60. KINGSTON VALVE

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

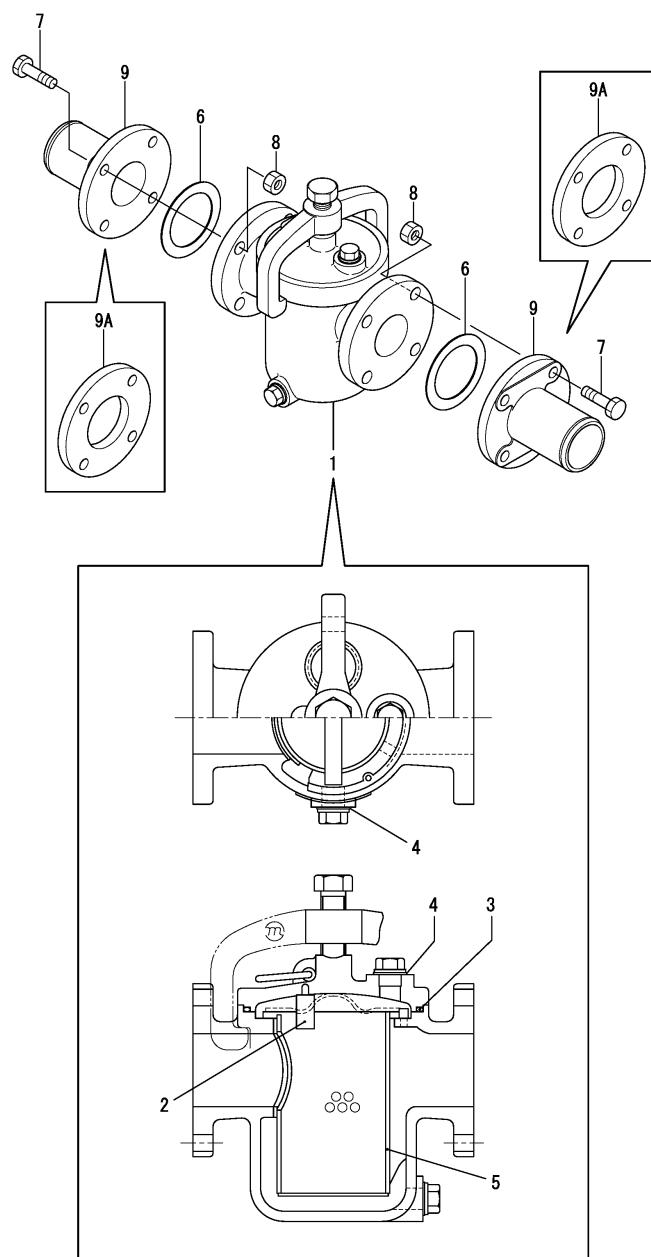


## Remarks

- (1)Wooden vessel.
- (2)Steel vessel.

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	43662-065010	COCK ASSY, KINGSTON	1	1	1			1	
2	1	148816-48910	JOINT, HOSE	1	1	1			1	
3	1	23431-065000	PACKING	1	1	1			1	
4	1	26203-120352	BOLT, M12X 35 PLATED	4	4	4			1	
5	1	43665-077010	VALVE, ANGLE 5K-65	1	1	1			2	
6	1	23431-065000	PACKING	1	1	1			2	
7	1	26203-120452	BOLT, M12X 45 PLATED	4	4	4			2	
8	1	26703-120002	NUT, M12	4	4	4			2	
9	1	41649-552910	JOINT, HOSE	1	1	1			2	
9-1	1	41649-552911	JOINT, FLANGE (A=E/#5967)      (B=E/#6020)      (C=E/#5971)	1	1	1			N	2
10	1	43600-021660	VALVE, ANGLE 5K-65	1	1	1			2	
11	1	23211-065077	FLANGE, 5K 65	1	1	1			2	
12	1	23431-065000	PACKING	1	1	1			2	
13	1	26203-120452	BOLT, M12X 45 PLATED	4	4	4			2	
14	1	26703-120002	NUT, M12	4	4	4			2	
15	1	43600-025971	VALVE, ANGLE 5K-65	1	1	1			2	
16	1	148816-48910	JOINT, HOSE	1	1	1			2	
17	1	23431-065000	PACKING	1	1	1			2	
18	1	26203-120452	BOLT, M12X 45 PLATED	4	4	4			2	
19	1	26704-120002	NUT, M12	4	4	4			2	

Fig.61. FILTER(SEA WATER)(SINGLE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	43600-028190	STRAINER, WATER 65A	1 1 1		
2	2	40000-011100	ZINC, ANTI-CORROSIVE	1 1 1		
2-1	2	40000-011101	ZINC, ANTI-CORROSIVE	1 1 1	N	
			(A=E/#2409) (B=E/#2465) (C=E/#2465)			
3	2	40000-014640	O-RING G150	1 1 1		
4	2	40000-014900	GASKET, M20	2 2 2		
5	2	42430-015400	ELEMENT, STRAINER	1 1 1		
6	1	23431-065000	PACKING	2 2 2		
7	1	26203-120452	BOLT, M12X 45 PLATED	8 8 8		
8	1	26703-120002	NUT, M12	8 8 8		
9	1	41649-552910	JOINT, HOSE	2 2 2		
9-1	1	41649-552911	JOINT, FLANGE	2 2 2	N	
			(A=E/#5967) (B=E/#6020) (C=E/#5971)			
9A	1	23211-065077	FLANGE, 5K 65	2 2 2		1

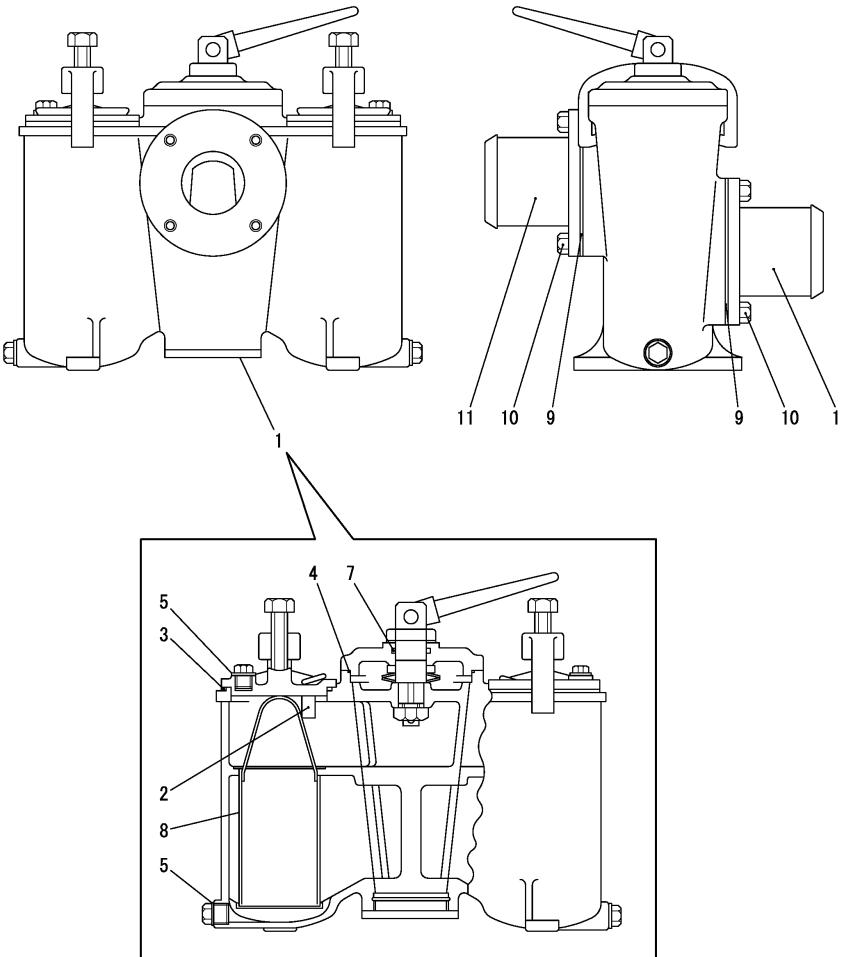
## Remarks

(1)Ships classification parts.

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.62. FILTER(SEA WATER)(DUPLEX)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	43600-021920	STRAINER, WATER 65A	1	1	1		
2	2	40000-009970	ZINC, ANTI-CORROSIVE	1	1	1		
3	2	40000-014600	O-RING G115	2	2	2		
4	2	40000-014610	O-RING G120	1	1	1		
5	2	40000-014900	GASKET, M20	4	4	4		
7	2	40000-014920	O-RING P35.5	1	1	1		
8	2	42430-015330	ELEMENT, STRAINER	2	2	2		
9	1	23431-065000	PACKING	2	2	2		
10	1	26203-120302	BOLT, M12X 30 PLATED	8	8	8		
11	1	41649-552910	JOINT, HOSE	2	2	2		
11-1	1	41649-552911	JOINT, FLANGE	2	2	2		N
(A=E/#5967) (B=E/#6020) (C=E/#5971)								
11A	1	23211-065077	FLANGE, 5K 65	2	2	2		1

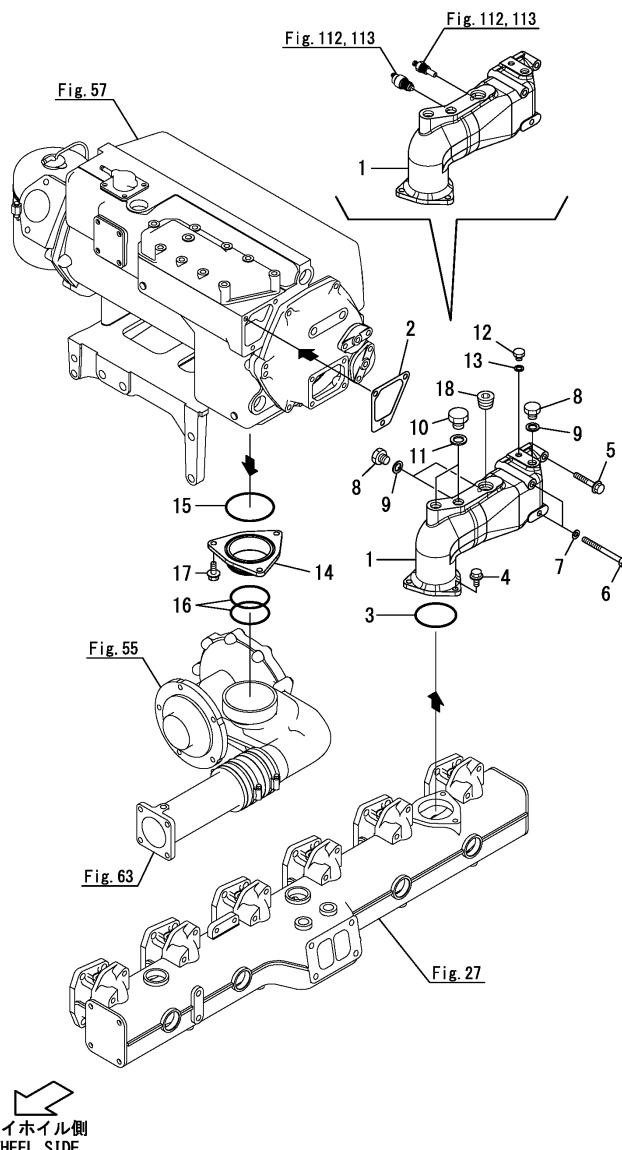
## Remarks

(1)Ships classification parts.

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.63. COOLING PIPE(FRESH WATER)(THERMOSTAT - PUMP)



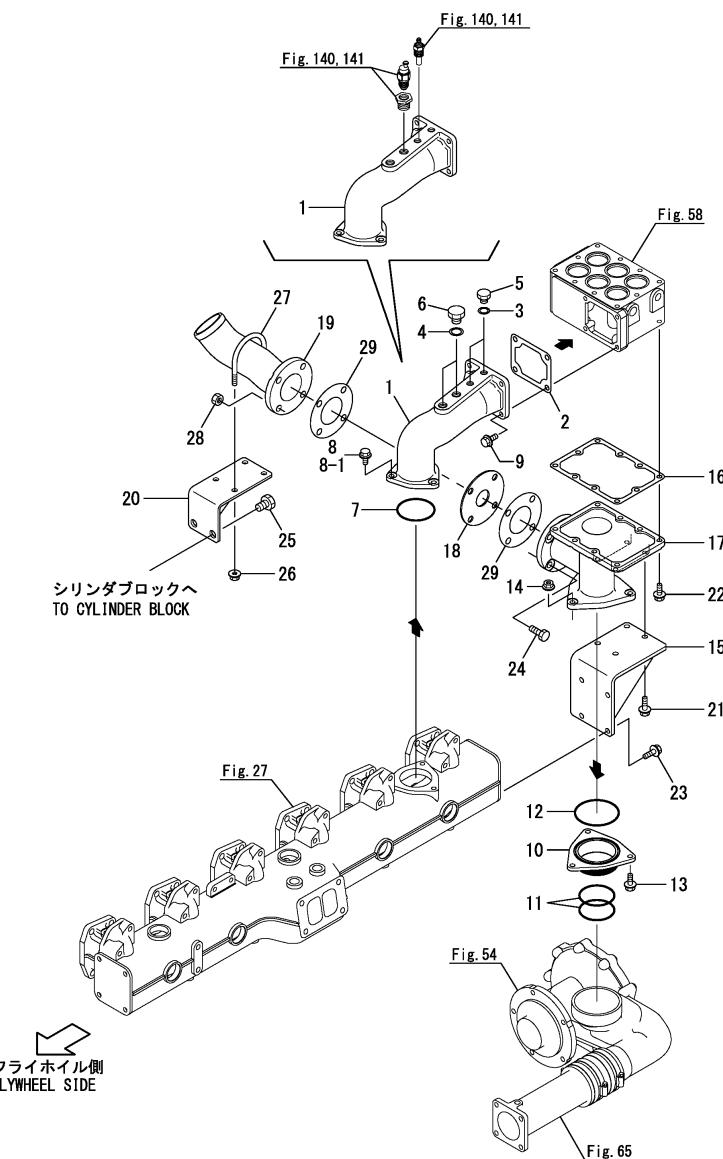
フライホイール側  
FLYWHEEL SIDE

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-49233	BEND, COOLER INLET	1 1 1		
1-1	1	148660-49234	BEND, COOLER INLET	1 1 1		R
		(A=E/#5640) (B=E/#5650)	(C=E/#5644)			
2	1	148660-49240	GASKET, COOLER INLET	1 1 1		
3	1	24321-000800	O-RING, 1AG80.0	1 1 1		
4	1	26106-100252	BOLT, M10X 25 PLATED	3 3 3		
5	1	26106-100602	BOLT, M10X 60 PLATED	1 1 1		
6	1	26116-101102	BOLT, M10X110 PLATED	2 2 2		
7	1	22137-100000	WASHER, 10	2 2 2		
8	1	23897-030002	PLUG G3/8,HEX.	3 3 3		
9	1	23414-170000	GASKET, 17X1.0	3 3 3		
9-1	1	22190-180002	WASHER, SEAL 18	3 3 3		N
		(A=*2020.06.) (B=*2020.06.) (C=*2020.06.)				
10	1	23897-040002	PLUG, G1/2	2 2 2		
11	1	23414-210000	GASKET, 21X1.0	2 2 2		
11-1	1	22190-220002	WASHER, SEAL 22	2 2 2		N
		(A=*2020.06.) (B=*2020.06.) (C=*2020.06.)				
12	1	133954-53900	PLUG, M12X1.5	1 1 1		
13	1	23414-120000	GASKET, 12X1.0	1 1 1		
13-1	1	22190-120002	WASHER, SEAL 12	1 1 1		N
		(A=*2020.06.) (B=*2020.06.) (C=*2020.06.)				
14	1	148660-49500	PIPE, PUMP INLET	1 1 1		
15	1	24321-000950	O-RING, 1AG95.0	1 1 1		
16	1	24321-000900	O-RING, 1AG90.0	2 2 2		
17	1	26106-100302	BOLT, M10X 30 PLATED	3 3 3		
18	1	23875-100000	PLUG, R10	1 1 1		

## Fig.64. COOLING PIPE(FRESH WATER)(THERMOSTAT - PUMP)



## Remarks

\* Exclusive figure for two-line fresh water/fresh water cooling specification & without fresh water cooler specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

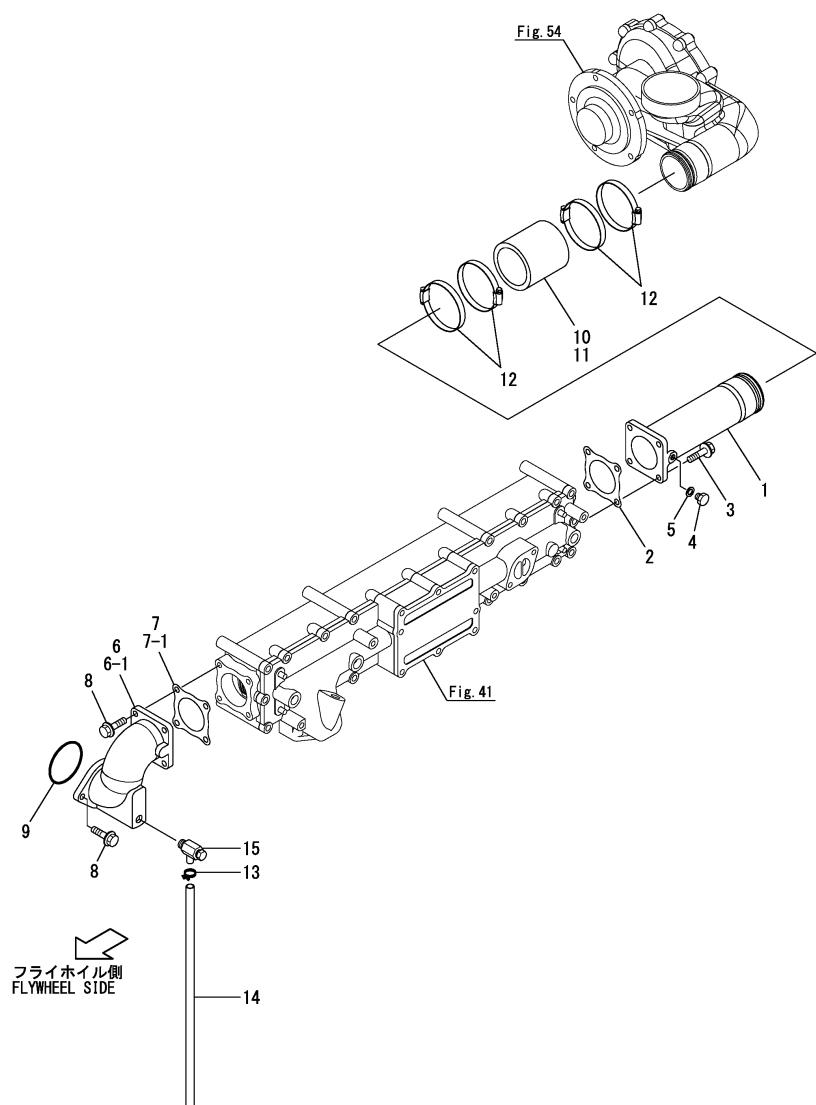
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148690-49230	BEND, THERMOSTAT IN	1	1	1
2	1	148620-49391	GASKET, PIPE OUTLET	1	1	1
3	1	23414-170000	GASKET, 17X1.0	2	2	2
4	1	23414-210000	GASKET, 21X1.0	2	2	2
5	1	23897-030002	PLUG G3/8,HEX.	2	2	2
6	1	23897-040002	PLUG, G1/2	2	2	2
7	1	24321-000800	O-RING, 1AG80.0	1	1	1
8	1	26106-100222	BOLT, M10X 22 PLATED	3	3	3
8-1	1	26106-100252	BOLT, M10X 25 PLATED	3	3	3
			(A=2014.09) (B=2014.09) (C=2014.09)		S	
9	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4
10	1	148660-49500	PIPE, PUMP INLET	1	1	1
11	1	24321-000900	O-RING, 1AG90.0	2	2	2
12	1	24321-000950	O-RING, 1AG95.0	1	1	1
13	1	26106-100352	BOLT, M10X 35 PLATED	3	3	3
14	1	26366-100002	NUT, M10	3	3	3
15	1	148690-49200	SUPPORT, THERMO CASE	1	1	1
16	1	148620-49410	GASKET, BY-PASS	1	1	1
16-1	1	148620-49420	GASKET, BY-PASS	1	1	1
			(A=2020.10) (B=2020.10) (C=2020.10)		N	
17	1	148690-49700	PIPE, COOLING WATER A	1	1	1
18	1	148690-49710	PLATE	1	1	1
18-1	1	148690-49740	PLATE, THROTTLE	1	1	1
			(A=E/#4401) (B=E/#2621) (C=2012.06)		N	
19	1	148690-49780	PIPE, COOLING WATER B	1	1	1
20	1	148690-49790	SUPPORT	1	1	1
21	1	26106-100202	BOLT, M10X 20 PLATED	4	4	4
22	1	26106-100252	BOLT, M10X 25 PLATED	10	10	10
23	1	26106-100302	BOLT, M10X 30 PLATED	4	4	4
24	1	26116-120352	BOLT, M12X 35 PLATED	4	4	4
25	1	26156-160252	BOLT, M16X 25 PLATED	2	2	2
26	1	26366-100002	NUT, M10	4	4	4
27	1	26464-065000	U-BOLT, 65	2	2	2
28	1	26716-120002	NUT, M12	4	4	4
29	1	43400-004792	PACKING, 50X1.5	2	2	2

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.65. COOLING PIPE(FRESH WATER)(LUB. OIL COOLER - BLOCK)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-49110	PIPE, WATER	1 1 1		
1-1	1	148660-49111	PIPE, COOLER INLET (A=E/#5640) (B=E/#5650) (C=E/#5644)	1 1 1	R	
2	1	148620-49360	GASKET	1 1 1		
3	1	26106-100252	BOLT, M10X 25 PLATED	4 4 4		
4	1	23887-120002	PLUG, 12	1 1 1		
5	1	23414-120000	GASKET, 12X1.0	1 1 1		
6	1	148660-49120	PIPE, BLOCK INLET	1 1 1		
6-1	1	148660-49121	PIPE, COOLING WATER (A=E/#5113) (B=E/#4963) (C=E/#5214)	1 1 1	S 1	
7	1	148620-49360	GASKET	1 1 1		
7-1	1	148628-49141	GASKET (A=E/#5139) (B=E/#5188) (C=E/#5173)	1 1 1	S 1	
8	1	26106-100252	BOLT, M10X 25 PLATED	6 6 6		
9	1	148620-49520	O-RING	1 1 1		
10	1	148816-49710	HOSE, 76.2/96.2	1 1 1		
11	1	126665-49530	HOSE, RUBBER (A=E/#8002) (B=E/#8087) (C=2015.08)	1 1 1	W 3	
12	1	43730-552201	CLIP, HOSE 101	4 4 4		
13	1	23010-017000	CLAMP, 17	1 1 1		
14	1	23061-120500	PIPE, 12X 500	1 1 1		
15	1	43600-500311	COCK ASSY, 3/8	1 1 1		

## Remarks

- (1)No.6-1 & 7-1 are interchangeable by set.
- (2)Yanmar standard inspection & NKS inspection parts.
- (3)NK, LR, ABS, BV, CCS, RINA & KR inspection parts.

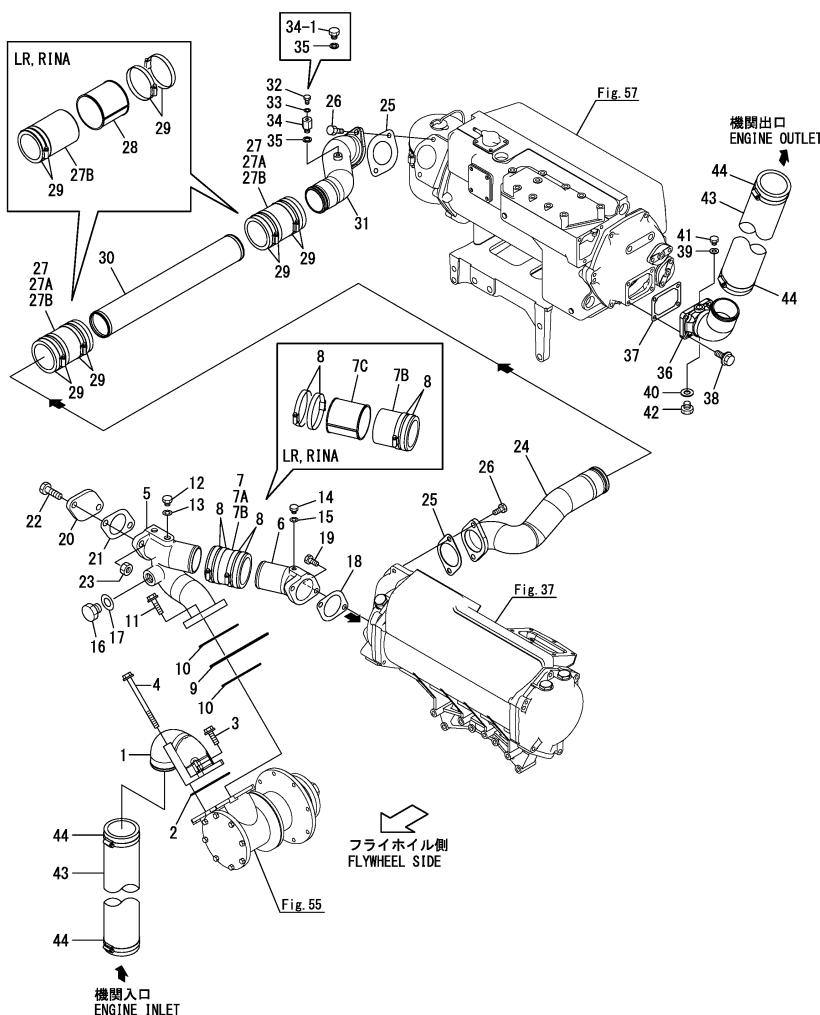
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.66. COOLING PIPE(SEA WATER)(PUMP - INTER COOLER - COOLER(FRESH WATER))

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



## Remarks

- \* Exclusive figure for two-line fresh water/sea water cooling specification.
- (1)Yanmar standard inspection & JCI inspection parts.
- (2)NK inspection parts. Changed to optional parts by rubber hose-less.
- (3)LR, BV, CCS, RINA inspection parts. Changed to optional parts by rubber hose-less.
- ABS inspection parts. Abolition by rubber hose-less.
- (4)LR, RINA inspection parts. Changed to optional parts by rubber hose-less.
- (5)Applied of Yanmar standard inspection & JCI inspection.

Ships classification such as NK, LR, ABS, BV, CCS, RINA are changed to Fig.132(66A)

N:Old  $\xrightarrow{\text{Yes}}$  New, Q:Old  $\xleftarrow[\text{No}]{\text{yes}}$  New, R:Old  $\xleftarrow[\text{Yes}]{\text{Yes}}$  New, S:Old  $\xleftarrow[\text{No}]{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change  
 ++ CONTINUE ++ Copyright (C) 2020 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

## Fig.66. COOLING PIPE(SEA WATER)(PUMP - INTER COOLER - COOLER(FRESH WATER))

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

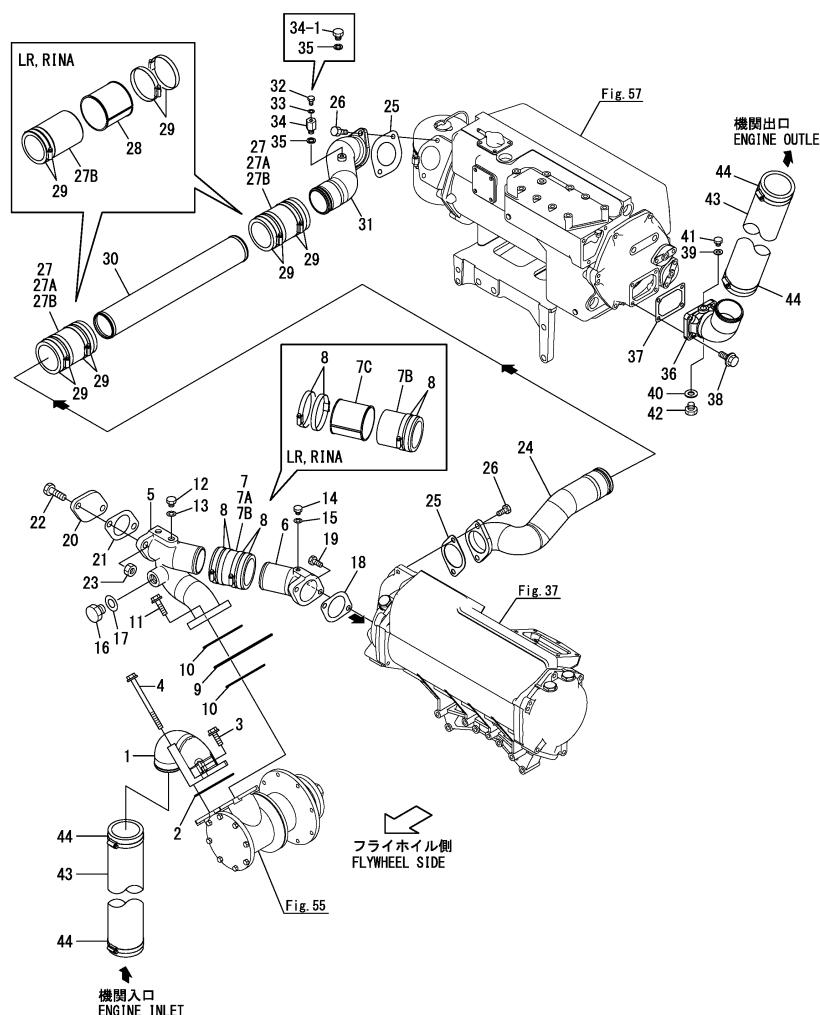
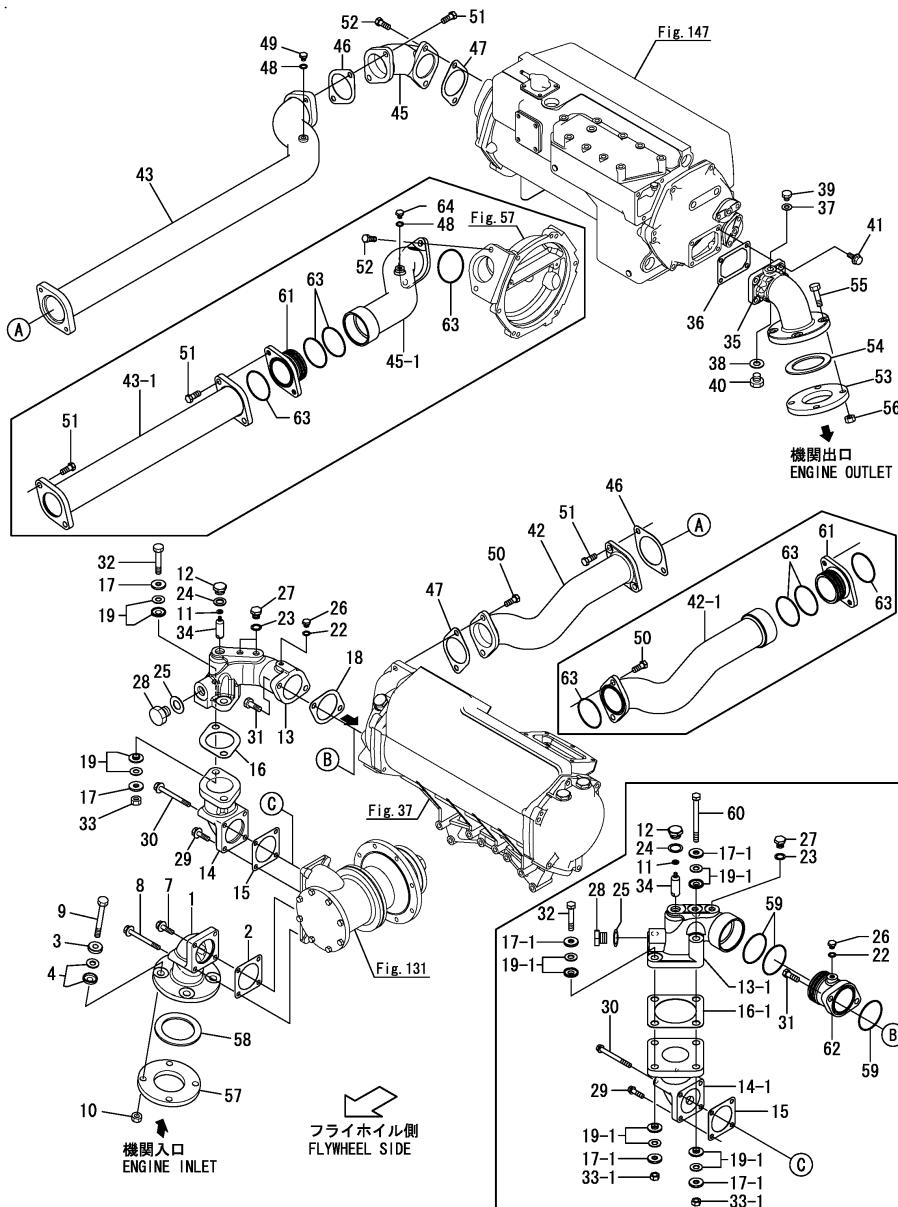


Fig.132. (66A)COOLING PIPE(SEA WATER)(PUMP - INTER COOLER - COOLER(FRESH WATER))



## Remarks

\* Exclusive for two-line fresh water/sea water cooling specification & Ships classification parts.  
 (1)Fig.57 No.23 & No.13-1, 14-1, 16-1 17-1, 19-1, 33-1, 42-1, 43-1, 45-1, 59, 60, 61, 62, 63, 64  
 are interchangeable by set.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

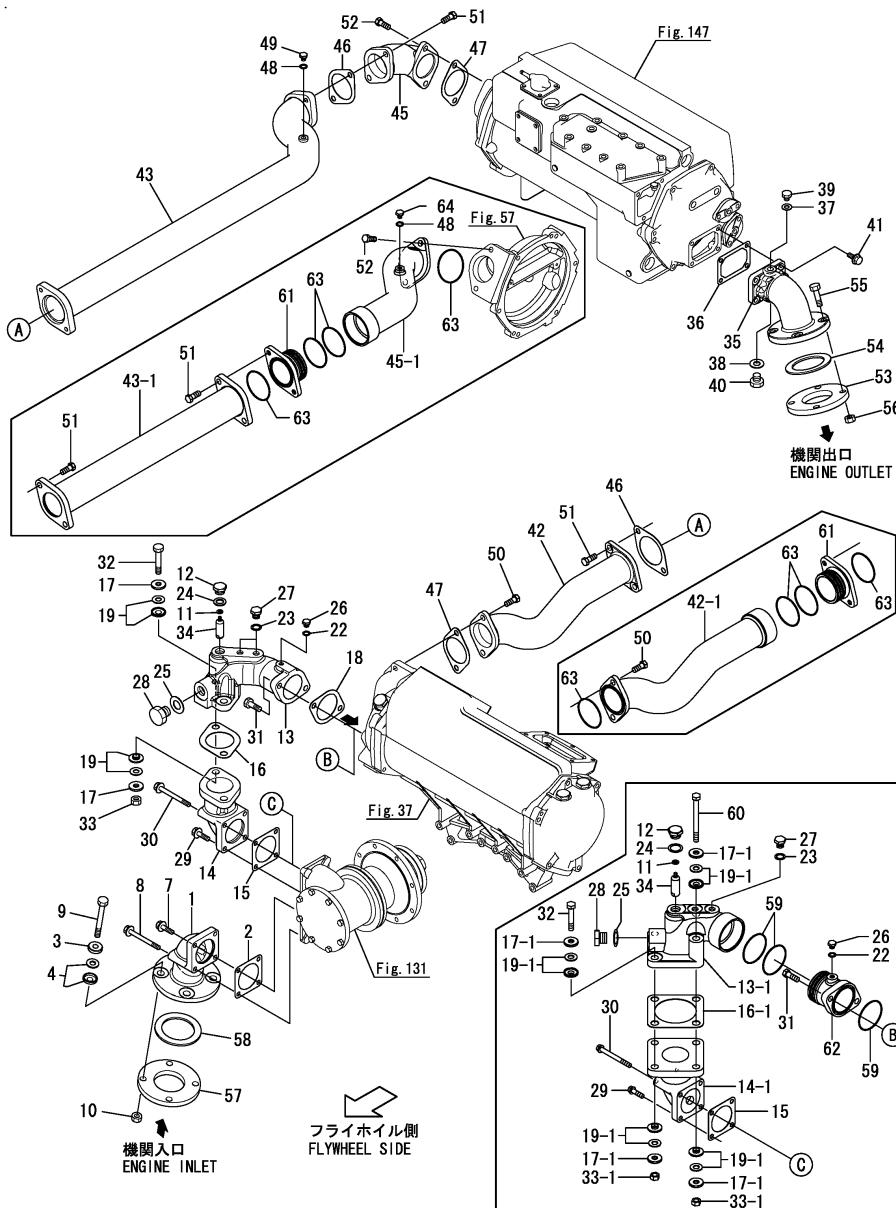
No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148690-49420	PIPE,COOLING WATER	1	1	1			
2	1	148690-49430	PACKING,CWP	1	1	1			
3	1	148999-49470	WASHER,12	4	4	4			
4	1	127698-77500	SPACER, FLOAT A	4	4	4			
7	1	26106-100352	BOLT, M10X 35 PLATED	2	2	2			
8	1	26106-101002	BOLT, M10X100 PLATED	2	2	2			
9	1	26206-120552	BOLT, M12X 55 PLATED	4	4	4			
10	1	26706-120002	NUT, M12	4	4	4			
11	1	123210-09310	GASKET, ZINC	1	1	1			
12	1	135410-33310	PLUG	1	1	1			
13	1	148690-49240	PIPE,COOLING WATER	1	1	1			
13-1	1	148690-49830	PIPE, COOLING WATER	1	1	1			S 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
14	1	148690-49280	PIPE,COOLING WATER	1	1	1			
14-1	1	148690-49820	PIPE, COOLING WATER	1	1	1			S 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
15	1	148690-49430	PACKING,CWP	1	1	1			
16	1	148690-49470	PACKING,SWP-I/C	1	1	1			
16-1	1	148999-49480	PACKING	1	1	1			S 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
17	1	148999-49470	WASHER,12	4	4	4			
17-1	1	148999-49470	WASHER,12	8	8	8			K 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
18	1	148690-49480	PACKING,I/C IN	1	1	1			Z
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
19	1	127698-77500	SPACER, FLOAT A	4	4	4			
19-1	1	127698-77500	SPACER, FLOAT A	8	8	8			K 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
22	1	23414-120000	GASKET, 12X1.0	1	1	1			
23	1	23414-170000	GASKET, 17X1.0	2	2	2			
24	1	23414-250000	GASKET, 25X1.0	1	1	1			
25	1	23414-270000	GASKET, 27X1.0	1	1	1			
26	1	23883-120002	PLUG, 12	1	1	1			
27	1	23893-030002	PLUG, G3/8	2	2	2			
28	1	23893-060002	PLUG, G3/4	1	1	1			
29	1	26106-100352	BOLT, M10X 35 PLATED	2	2	2			
30	1	26106-101002	BOLT, M10X100 PLATED	2	2	2			
31	1	26116-120352	BOLT, M12X 35 PLATED	2	2	2			
32	1	26206-120702	BOLT, M12X 70 PLATED	2	2	2			
33	1	26706-120002	NUT, M12	2	2	2			
33-1	1	26706-120002	NUT, M12	4	4	4			K 1
		(A=E/#8375) (B=E/#8488) (C=E/#8377)							
34	1	27210-200550	ZINC, SCREW20X55	1	1	1			
35	1	148690-49411	PIPE, COOLING WATER	1	1	1			
36	1	148690-49440	PACKING,FWC OUT	1	1	1			
37	1	23414-120000	GASKET, 12X1.0	1	1	1			
38	1	23414-170000	GASKET, 17X1.0	1	1	1			
39	1	23884-120002	PLUG M12.HEX.	1	1	1			
40	1	23894-030002	PLUG, G3/8	1	1	1			
41	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4			
42	1	148690-49350	PIPE,COOLING WATER	1	1	1			

N:Old Yes → New, Q:Old Yes → New, R:Old Yes → New, S:Old Yes → New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++

Fig.132. (66A)COOLING PIPE(SEA WATER)(PUMP - INTER COOLER - COOLER(FRESH WATER))

- (A)=6AYM-WET
- (B)=6AYM-WST
- (C)=6AYM-WGT

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



## Remarks

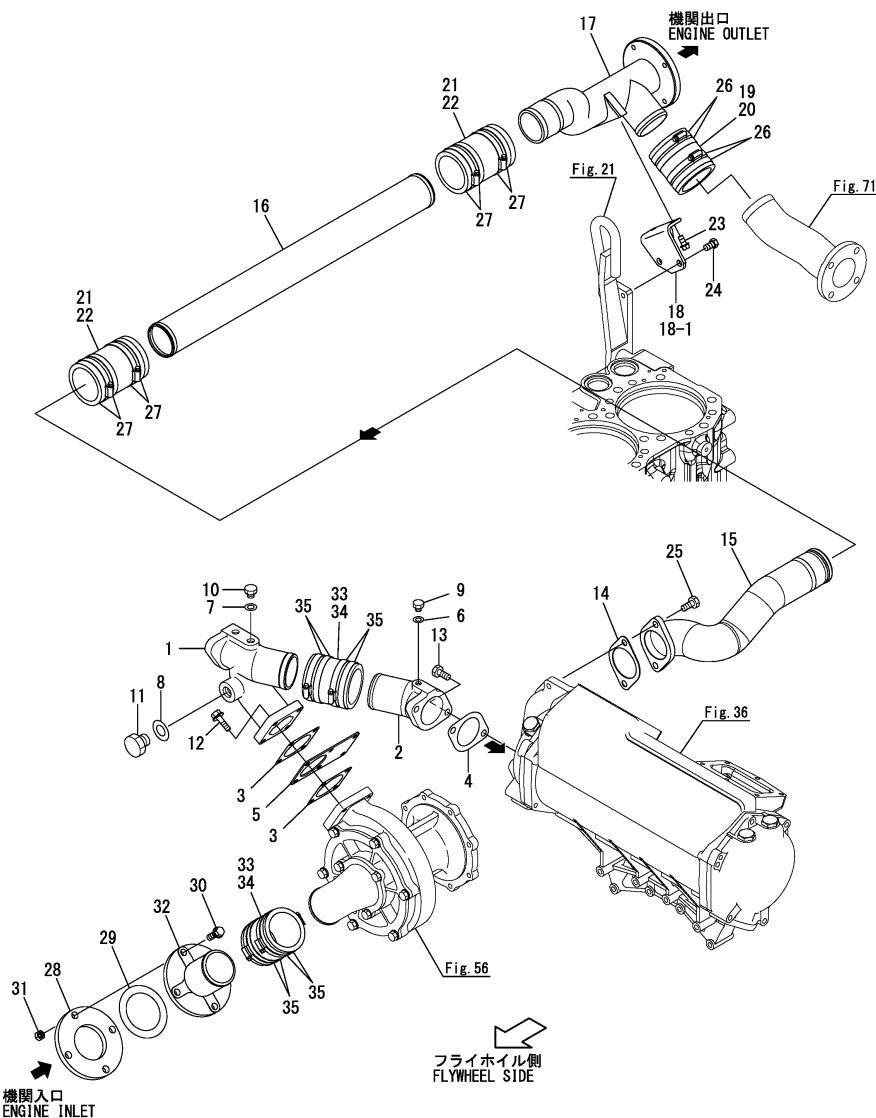
\* Exclusive for two-line fresh water/sea water cooling specification & Ships classification parts.  
(1)Fig.57 No.23 & No.13-1, 14-1, 16-1 17-1, 19-1, 33-1, 42-1, 43-1, 45-1, 59, 60, 61, 62, 63, 64  
are interchangeable by set.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
42-1	1	148690-49850 (A=E/#8375)	PIPE, COOLING WATER (B=E/#8488) (C=E/#8377)	1	1	1				S	1
43	1	148690-49360	PIPE, COOLING WATER	1	1	1					
43-1	1	148690-49871 (A=E/#8375)	PIPE, COOLING WATER (B=E/#8488) (C=E/#8377)	1	1	1				S	1
45	1	148690-49370	PIPE, COOLING WATER	1	1	1					
45-1	1	148690-49880 (A=E/#8375)	PIPE, COOLING WATER (B=E/#8488) (C=E/#8377)	1	1	1				S	1
46	1	148690-49460 (A=E/#8375)	PACKING,I/C-FW/C (B=E/#8488) (C=E/#8377)	2	2	2				Z	
47	1	148690-49480 (A=E/#8375)	PACKING,I/C IN (B=E/#8488) (C=E/#8377)	2	2	2				Z	
48	1	23414-120000	GASKET, 12X1.0	1	1	1					
49	1	23883-120002 (A=E/#8375)	PLUG, 12 (B=E/#8488) (C=E/#8377)	1	1	1				Z	
50	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2					
51	1	26116-120302	BOLT, M12X 30 PLATED	4	4	4					
52	1	26116-120302	BOLT, M12X 30 PLATED	2	2	2					
53	1	23211-065077	FLANGE, 5K 65	1	1	1					
54	1	23438-065000	GASKET, 5K65X1.5	1	1	1					
55	1	26206-120452	BOLT, M12X 45 PLATED	4	4	4					
56	1	26706-120002	NUT, M12	4	4	4					
57	1	23211-065077	FLANGE, 5K 65	1	1	1					
58	1	23438-065000	GASKET, 5K65X1.5	1	1	1					
59	1	24321-000750 (A=E/#8375)	O-RING, 1AG75.0 (B=E/#8488) (C=E/#8377)	3	3	3				W	1
60	1	26206-121302 (A=E/#8375)	BOLT, M12X130 PLATED (B=E/#8488) (C=E/#8377)	2	2	2				W	1
61	1	148690-49861 (A=E/#8375)	PIPE, COOLING WATER (B=E/#8488) (C=E/#8377)	2	2	2				W	1
62	1	148690-49840 (A=E/#8375)	PIPE, COOLING WATER (B=E/#8488) (C=E/#8377)	1	1	1				W	1
63	1	24321-000750 (A=E/#8375)	O-RING, 1AG75.0 (B=E/#8488) (C=E/#8377)	8	8	8				W	1
64	1	23897-010002 (A=E/#8375)	PLUG, G1/8 (B=E/#8488) (C=E/#8377)	1	1	1				W	1

N:Old  Yes  No → New, Q:Old  Yes  No → New, R:Old  Yes  No → New, S:Old  Yes  No → New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.67. COOLING PIPE(LOW TEMP. PUMP - INTER COOLER - ENGINE OUTLET)



## Remarks

\* Exclusive figure for two-line fresh water/fresh water cooling specification

(1) Fig. 21 No. 5-1 are interchangeable by set.

(2) Yanmar standard inspection & NKS inspection parts

(2) Annual standard inspection & NRS inspection parts.  
(3) NK, LR, ABS, BV, CCS, RINA & KB inspection parts

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

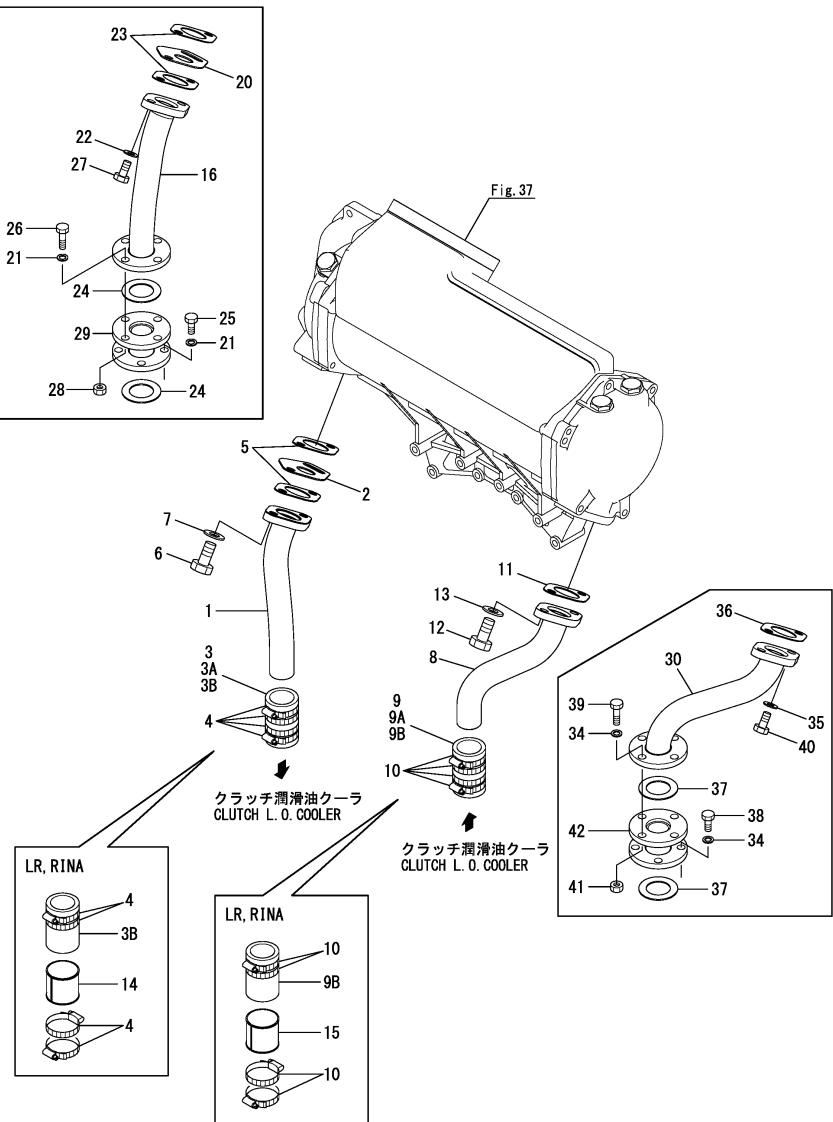
(D)  
(E)  
(F)

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	148690-49250	PIPE, WATER PUMP OUT	1	1	1					
2	1	148660-49260	PIPE, WATER	1	1	1					
2-1	1	148660-49261	PIPE, COOLER INLET	1	1	1					R
		(A=E/#5640) (B=E/#5650) (C=E/#5644)									
3	1	148660-49270	GASKET, WATER PUMP	2	2	2					
4	1	148660-49280	GASKET, COOLER INLET	1	1	1					
5	1	148660-49410	FLANGE, SPECTACLE	1	1	1					
6	1	23414-120000	GASKET, 12X1.0	1	1	1					
7	1	23414-170000	GASKET, 17X1.0	2	2	2					
8	1	23414-270000	GASKET, 27X1.0	1	1	1					
9	1	23883-120002	PLUG, 12	1	1	1					
10	1	23893-030002	PLUG, G3/8	2	2	2					
11	1	23893-060002	PLUG, G3/4	1	1	1					
12	1	26106-100352	BOLT, M10X 35 PLATED	4	4	4					
13	1	26116-120352	BOLT, M12X 35 PLATED	2	2	2					
14	1	148660-49280	GASKET, COOLER INLET	1	1	1					
15	1	148660-49360	PIPE, WATER	1	1	1					
15-1	1	148660-49361	PIPE, COOLER OUTLET	1	1	1					R
		(A=E/#5640) (B=E/#5650) (C=E/#5644)									
16	1	148660-49370	PIPE, SEA WATER	1	1	1					
17	1	148690-49380	PIPE COOLING WATER	1	1	1					
18	1	148690-49390	SUPPORT, PIPE	1	1	1					
18-1	1	148690-49391	SUPPORT, CFW-T	1	1	1					S 1
		(A=E/#6253) (B=E/#5740) (C=*>2015.04)									
19	1	148816-49710	HOSE, 76.2/96.2	1	1	1					2
20	1	126665-49530	HOSE, RUBBER	1	1	1					W 3
		(A=E/#8002) (B=E/#8087) (C=*>2019.05)									
21	1	148688-49900	JOINT, RUBBER B	2	2	2					2
22	1	126665-49540	HOSE, RUBBER	2	2	2					W 3
		(A=E/#8002) (B=E/#8087) (C=*>2019.05)									
23	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2					
24	1	26116-120202	BOLT, M12X 20 PLATED	2	2	2					
25	1	26116-120252	BOLT, M12X 25 PLATED	2	2	2					
26	1	43730-552201	CLIP, HOSE 101	4	4	4					
27	1	43730-552201	CLIP, HOSE 101	8	8	8					
28	1	23211-065077	FLANGE, 5K 65	1	1	1					
29	1	23431-065000	PACKING	1	1	1					
30	1	26106-120402	BOLT, M12X 40 PLATED	4	4	4					
31	1	26716-120002	NUT, M12	4	4	4					
32	1	41649-552911	JOINT, FLANGE	2	2	2					1
33	1	148816-49710	HOSE, 76.2/96.2	2	2	2					
34	1	126665-49530	HOSE, RUBBER	1	2	2					W 2
		(A=E/#8002) (B=E/#8087) (C=*>2019.05)									
35	1	43730-552201	CLIP, HOSE 101	8	8	8					

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

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## Fig.68. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YXH-240)



## Remarks

- (1)Yanmar standard inspection parts.
  - (2)NK inspection parts. Abolition by rubber hose-less.
  - (3)LR, ABS, BV, CCS, RINA inspection parts. Abolition by rubber hose-less.
  - (4)LR, RINA inspection parts. Abolition by rubber hose-less.
  - (5)Applied to the following ships classification(rubber hose-less).
- NK, LR, ABS, BV, CCS, RINA, KR, CR, GL, DNV & NKS inspection parts.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-49310	PIPE, CLUTCH INLET	1	1	
2	1	151623-49380	FLANGE, SPECTACLE	1	1	
3	1	127620-49650	JOINT, RUBBER A	1	1	1
3A	1	126440-49650 (A=E/#6828)	JOINT, RUBBER (C='2015.09)	1	1	Z 2
3B	1	43720-018050 (A=E/#6828)	HOSE, RUBBER (C='2015.09)	1	1	Z 3
4	1	23000-054000	CLAMP, 54	4	4	
4-1	1	43730-552151 (A=E/#1682)	CLIP, HOSE 51 (C=E/#1685)	4	4	R
5	1	23421-440000	GASKET, 44X1.5	2	2	
6	1	26116-120302	BOLT, M12X 30 PLATED	2	2	
7	1	22137-120000	WASHER, 12	2	2	
8	1	148660-49330	PIPE, CLUTCH OUTLET	1	1	
9	1	127620-49650	JOINT, RUBBER A	1	1	1
9A	1	126440-49650 (A=E/#6828)	JOINT, RUBBER (C='2015.09)	1	1	Z 2
9B	1	126440-49650 (A=E/#6828)	JOINT, RUBBER (C='2015.09)	1	1	Z 3
10	1	23000-054000	CLAMP, 54	4	4	
10-1	1	43730-552151 (A=E/#1682)	CLIP, HOSE 51 (C=E/#1685)	4	4	R
11	1	23421-440000	GASKET, 44X1.5	1	1	
12	1	26116-120302	BOLT, M12X 30 PLATED	2	2	
13	1	22137-120000	WASHER, 12	2	2	
14	1	148016-49910 (A=E/#6828)	COVER, RUBBER JOINT (C='2015.09)	1	1	Z 4
15	1	148016-49910 (A=E/#6828)	COVER, RUBBER JOINT (C='2015.09)	1	1	Z 4
16	1	148665-49170 (A=E/#7636)	PIPE, COOLING WATER (C='2015.09)	1	1	W 5
20	1	151623-49380 (A=E/#6828)	FLANGE, SPECTACLE (C='2015.09)	1	1	W 5
21	1	22137-100000 (A=E/#6828)	WASHER, 10 (C='2015.09)	8	8	W 5
22	1	22137-120000 (A=E/#6828)	WASHER, 12 (C='2015.09)	2	2	W 5
23	1	23421-440000 (A=E/#6828)	GASKET, 44X1.5 (C='2015.09)	2	2	W 5
24	1	23431-025000 (A=E/#6828)	GASKET 25 (C='2015.09)	2	2	W 5
25	1	26116-100252 (A=E/#6828)	BOLT, M10X 25 PLATED (C='2015.09)	4	4	W 5
26	1	26116-100352 (A=E/#6828)	BOLT, M10X 35 PLATED (C='2015.09)	4	4	W 5
27	1	26116-120302 (A=E/#6828)	BOLT, M12X 30 PLATED (C='2015.09)	2	2	W 5
28	1	26706-100002 (A=E/#6828)	NUT, M10 (C='2015.09)	4	4	W 5
29	1	43711-109220 (A=E/#6828)	PIPE, COOLING WATER (C='2015.09)	1	1	W 5

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++

Fig.68. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YXH-240)

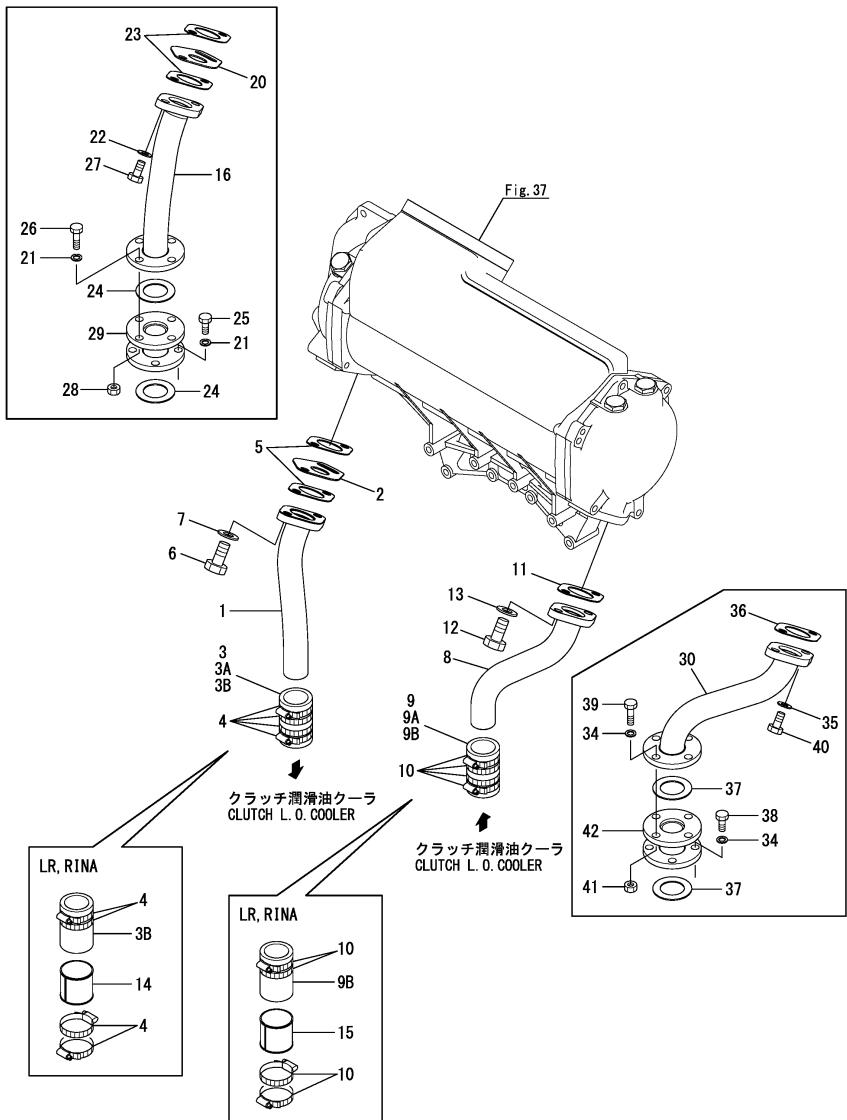
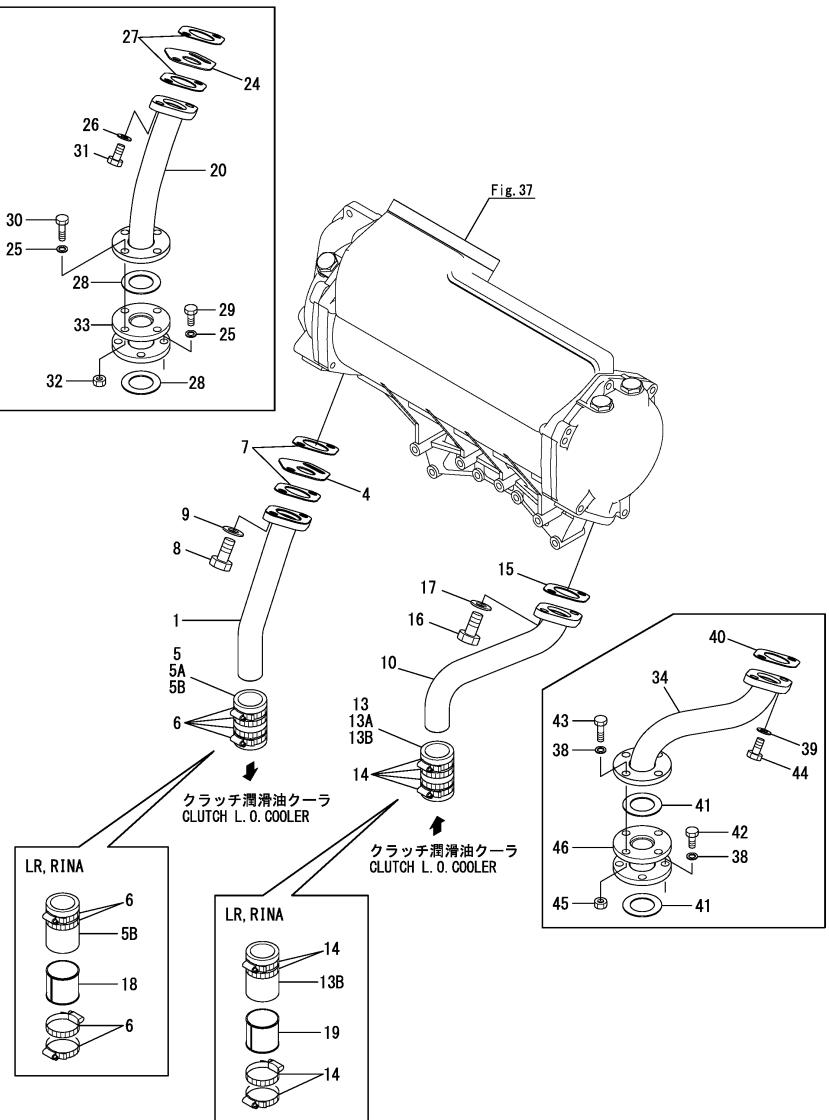


Fig.69. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YXH-240L)



## Remarks

- (1)Yanmar standard inspection parts.
  - (2)NK inspection parts. Abolition by rubber hose-less.
  - (3)LR, ABS, BV, CCS, RINA inspection parts. Abolition by rubber hose-less.
  - (4)LR, RINA inspection parts. Abolition by rubber hose-less.
  - (5)Applied to the following ships classification(rubber hose-less).
- NK, LR, ABS, BV, CCS, RINA, KR, CR, GL, DNV & NKS inspection parts.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

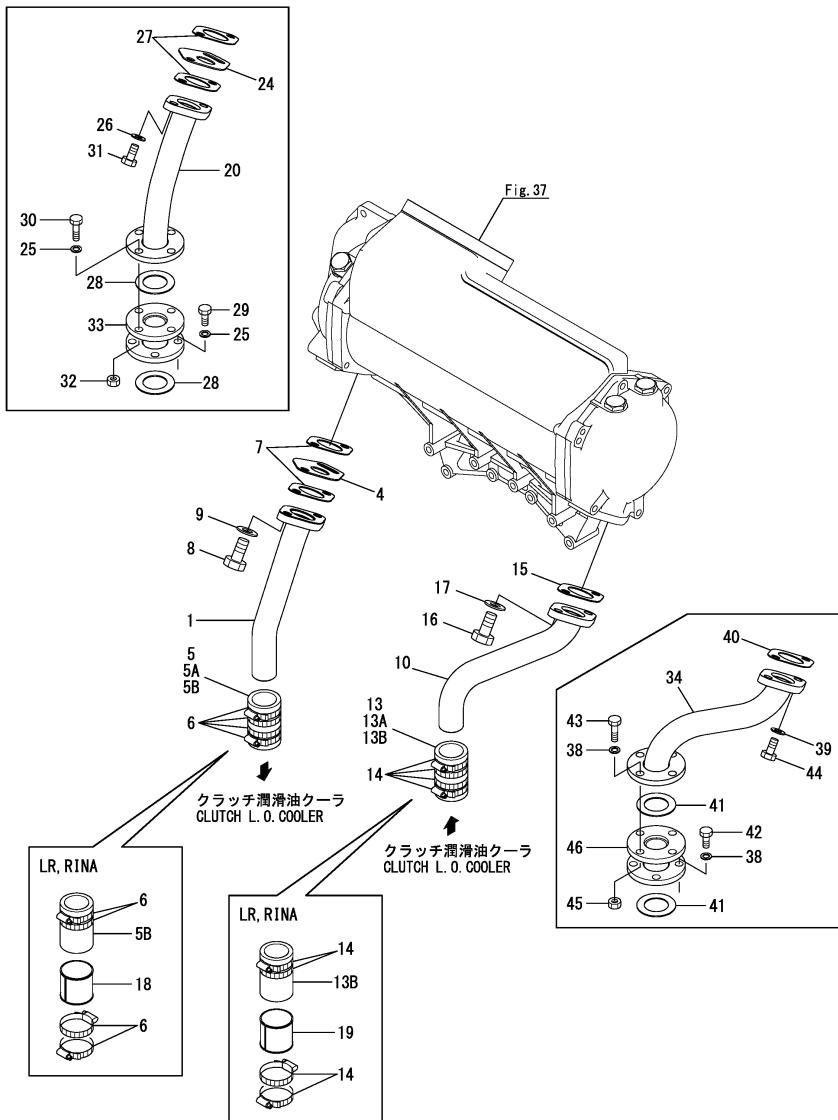
No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148691-49310	PIPE, CLUTCH INLET	1 1		
4	1	151623-49380	FLANGE, SPECTACLE	1 1		
5	1	127620-49650	JOINT, RUBBER A	1 1		1
5A	1	126440-49650 (A=E/#6828) (B=E/#6829)	JOINT, RUBBER	1 1		Z 2
5B	1	43720-018050 (A=E/#6828) (B=E/#6829)	HOSE, RUBBER	1 1		Z 3
6	1	23000-054000	CLAMP, 54	4 4		
6-1	1	43730-552151	CLIP, HOSE 51 (A=E/#1682) (B=E/#1774)	4 4		R
7	1	23421-440000	GASKET, 44X1.5	2 2		
8	1	26116-120302	BOLT, M12X 30 PLATED	2 2		
9	1	22137-120000	WASHER, 12	2 2		
10	1	148691-49330	PIPE, CLUTCH OUTLET	1 1		
13	1	127620-49650	JOINT, RUBBER A	1 1		1
13A	1	126440-49650 (A=E/#6828) (B=E/#6829)	JOINT, RUBBER	1 1		Z 2
13B	1	43720-018050 (A=E/#6828) (B=E/#6829)	HOSE, RUBBER	1 1		Z 3
14	1	23000-054000	CLAMP, 54	4 4		
14-1	1	43730-552151	CLIP, HOSE 51 (A=E/#1682) (B=E/#1774)	4 4		R
15	1	23421-440000	GASKET, 44X1.5	1 1		
16	1	26116-120302	BOLT, M12X 30 PLATED	2 2		
17	1	22137-120000	WASHER, 12	2 2		
18	1	148016-49910 (A=E/#6828) (B=E/#6829)	COVER, RUBBER JOINT	1 1		Z 4
19	1	148016-49910 (A=E/#6828) (B=E/#6829)	COVER, RUBBER JOINT	1 1		Z 4
20	1	148665-49130	PIPE, COOLING WATER	1 1		W 5
24	1	151623-49380 (A=E/#6828) (B=E/#6829)	FLANGE, SPECTACLE	1 1		W 5
25	1	22137-100000 (A=E/#6828) (B=E/#6829)	WASHER, 10	8 8		W 5
26	1	22137-120000 (A=E/#6828) (B=E/#6829)	WASHER, 12	2 2		W 5
27	1	23421-440000 (A=E/#6828) (B=E/#6829)	GASKET, 44X1.5	2 2		W 5
28	1	23431-025000 (A=E/#6828) (B=E/#6829)	GASKET 25	2 2		W 5
29	1	26116-100252 (A=E/#6828) (B=E/#6829)	BOLT, M10X 25 PLATED	4 4		W 5
30	1	26116-100352 (A=E/#6828) (B=E/#6829)	BOLT, M10X 35 PLATED	4 4		W 5
31	1	26116-120302 (A=E/#6828) (B=E/#6829)	BOLT, M12X 30 PLATED	2 2		W 5
32	1	26706-100002 (A=E/#6828) (B=E/#6829)	NUT, M10	4 4		W 5
33	1	43711-109220 (A=E/#6828) (B=E/#6829)	PIPE, COOLING WATER	1 1		W 5

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++

## Fig.69. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YXH-240L)

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

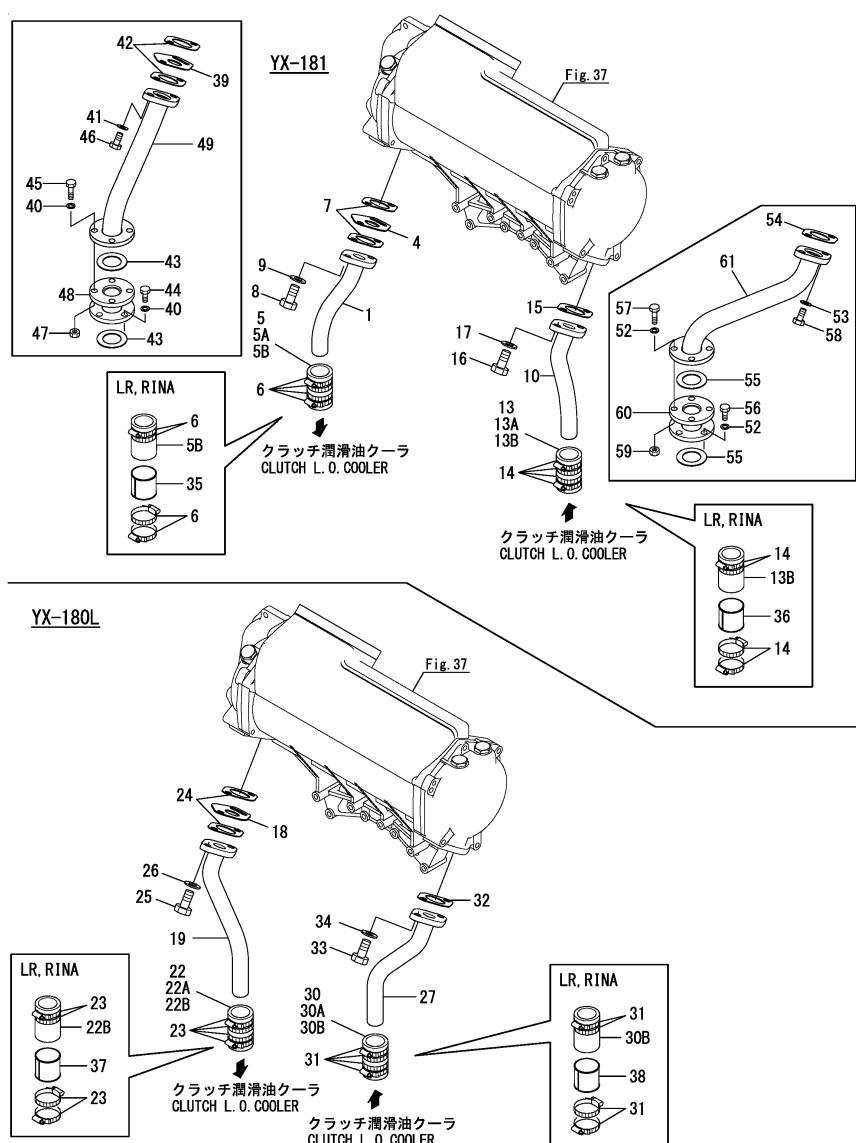
(D)=  
(E)=  
(F)=



## Fig.70. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YX-181, YX-180L)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

- (1)Yanmar standard inspection parts.
  - (2)NK inspection parts. Abolition by rubber hose-less.
  - (3)LR, ABS, BV, CCS, RINA inspection parts. Abolition by rubber hose-less.
  - (4)LR, RINA inspection parts. Abolition by rubber hose-less.
  - (5)Applied to the following ships classification(rubber hose-less).
- NK, LR, ABS, BV, CCS, RINA, KR, CR, GL, DNV & NKS inspection parts.

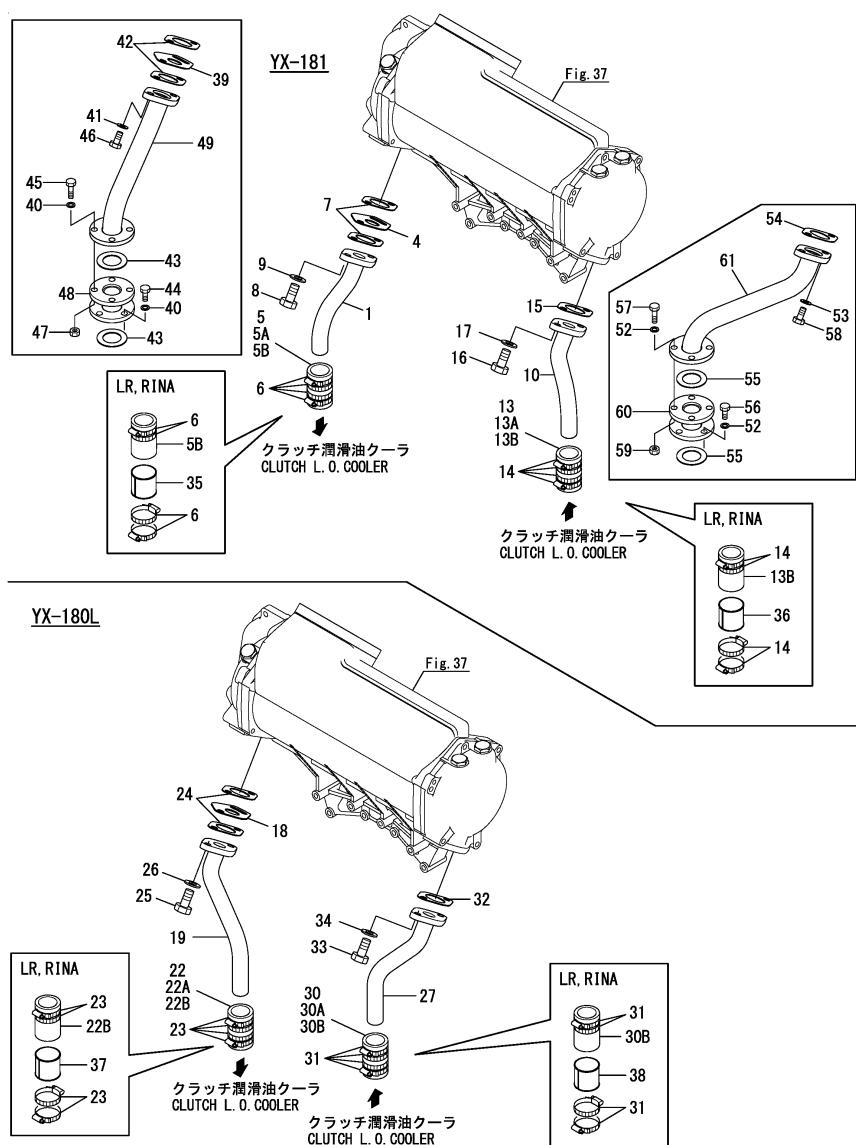
No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B)	(C)	(D) (E) (F)
1	1	148692-49310	PIPE, CLUTCH INLET	1		
1-1	1	148692-49311	PIPE, COOLING WATER (B=E/#7304)	1		N
1-2	1	148692-49312	PIPE, COOLING WATER (B=E/#7737)	1		N
4	1	151623-49380	FLANGE, SPECTACLE	1		
5	1	127620-49650	JOINT, RUBBER A	1		1
5A	1	126440-49650	JOINT, RUBBER (B=E/#6829)	1		Z 2
5B	1	43720-018050	HOSE, RUBBER (B=E/#6829)	1		Z 3
6	1	23000-054000	CLAMP, 54	4		
6-1	1	43730-552151	CLIP, HOSE 51 (B=2015.11)	4		R
7	1	23421-440000	GASKET, 44X1.5	2		
8	1	26116-120302	BOLT, M12X 30 PLATED	2		
9	1	22137-120000	WASHER, 12	2		
10	1	148692-49330	PIPE, CLUTCH OUTLET	1		
10-1	1	148692-49331	PIPE, COOLING WATER (B=E/#7737)	1		N
13	1	127620-49650	JOINT, RUBBER A	1		1
13A	1	126440-49650	JOINT, RUBBER (B=E/#6829)	1		Z 2
13B	1	43720-018050	HOSE, RUBBER (B=E/#6829)	1		Z 3
14	1	23000-054000	CLAMP, 54	4		
14-1	1	43730-552151	CLIP, HOSE 51 (B=2015.11)	4		R
15	1	23421-440000	GASKET, 44X1.5	1		
16	1	26116-120302	BOLT, M12X 30 PLATED	2		
17	1	22137-120000	WASHER, 12	2		
18	1	151623-49380	FLANGE, SPECTACLE	1		
19	1	148692-49410	PIPE, CLUTCH INLET	1		
19-1	1	148692-49411	PIPE, COOLING WATER (B=E/#6640)	1		N
22	1	127620-49650	JOINT, RUBBER A	1		1
22A	1	126440-49650	JOINT, RUBBER (B=E/#6829)	1		Z 2
22B	1	43720-018050	HOSE, RUBBER (B=E/#6829)	1		Z 3
23	1	23000-054000	CLAMP, 54	4		
23-1	1	43730-552151	CLIP, HOSE 51 (B=2015.11)	4		R
24	1	23421-440000	GASKET, 44X1.5	2		
25	1	26116-120302	BOLT, M12X 30 PLATED	2		
26	1	22137-120000	WASHER, 12	2		
27	1	148692-49430	PIPE, CLUTCH OUTLET	1		
30	1	127620-49650	JOINT, RUBBER A	1		1
30A	1	126440-49650	JOINT, RUBBER (B=E/#6829)	1		Z 2
30B	1	43720-018050	HOSE, RUBBER	1		Z 3

N:Old Yes → New, Q:Old No → New, R:Old Yes → New, S:Old No → New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.70. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YX-181, YX-180L)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

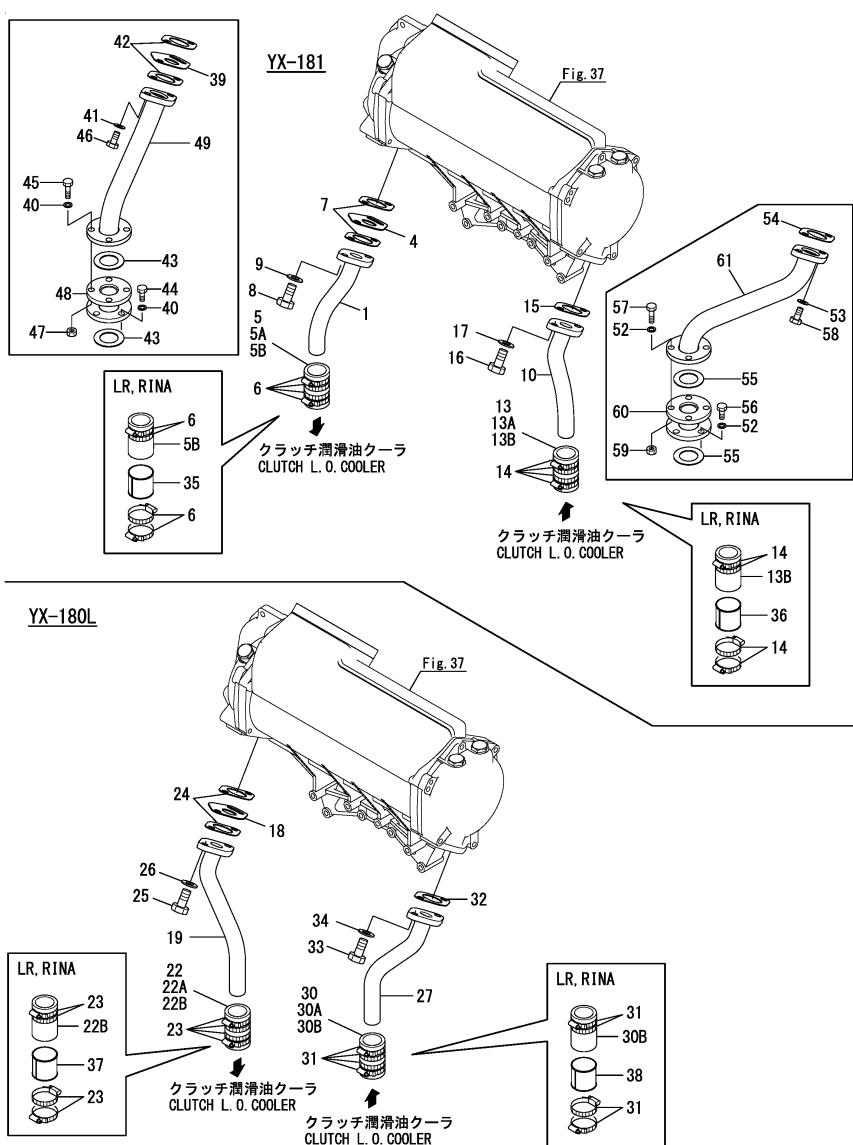
- (1)Yanmar standard inspection parts.
  - (2)NK inspection parts. Abolition by rubber hose-less.
  - (3)LR, ABS, BV, CCS, RINA inspection parts. Abolition by rubber hose-less
  - (4)LR, RINA inspection parts. Abolition by rubber hose-less.
  - (5)Applied to the following ships classification(rubber hose-less).  
NK, LR, ABS, BV, CCS, RINA, KR, CR, GL, DNV & NKS inspection parts.

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.70. COOLING PIPE(SEA WATER)(CLUTCH IN/OUT)(YX-181, YX-180L)

- (A)=6AYM-WET
- (B)=6AYM-WST
- (C)=6AYM-WGT

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



## Remarks

- (1)Yanmar standard inspection parts.
  - (2)NK inspection parts. Abolition by rubber hose-less.
  - (3)LR, ABS, BV, CCS, RINA inspection parts. Abolition by rubber hose-less
  - (4)LR, RINA inspection parts. Abolition by rubber hose-less.
  - (5)Applied to the following ships classification(rubber hose-less).  
NK, LR, ABS, BV, CCS, RINA, KR, CR, GL, DNV & NKS inspection parts.

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
59	1	26706-100002	NUT, M10 (B=E/#6829)		4					W	5
60	1	43711-109220	PIPE, COOLING WATER			1				W	5
61	1	43711-109240	PIPE, COOLING WATER (B=E/#6829)			1				W	5

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  No New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

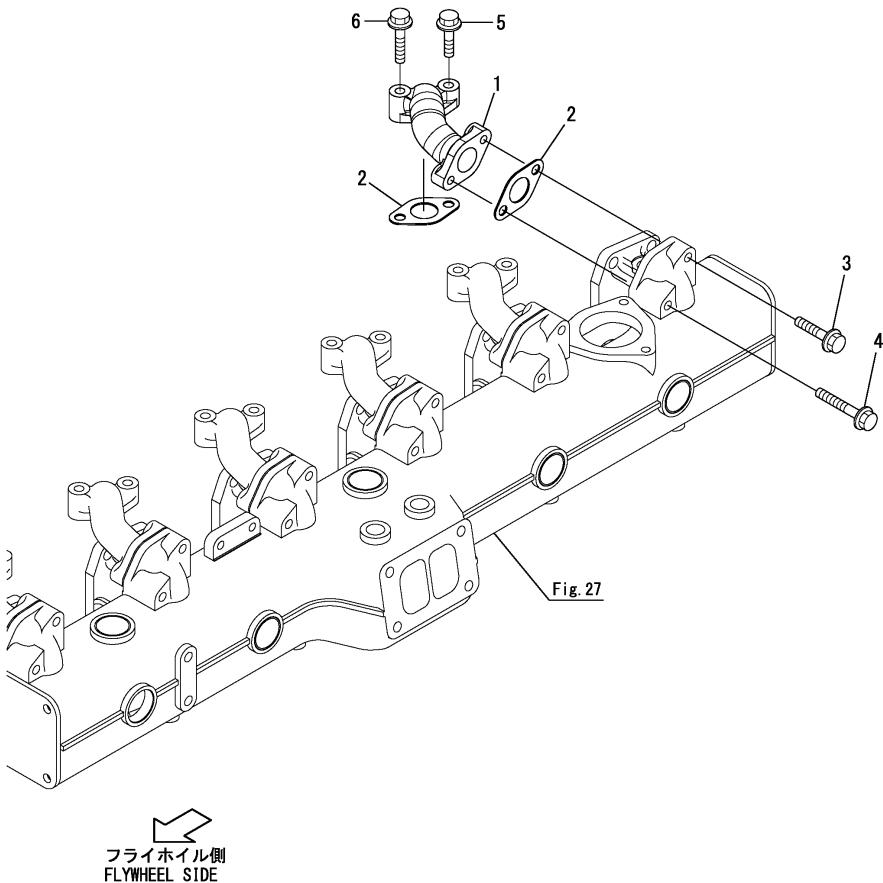
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## Fig.71. COOLING BEND(FRESH WATER)(HEAD - EXHAUST MANIFOLD)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

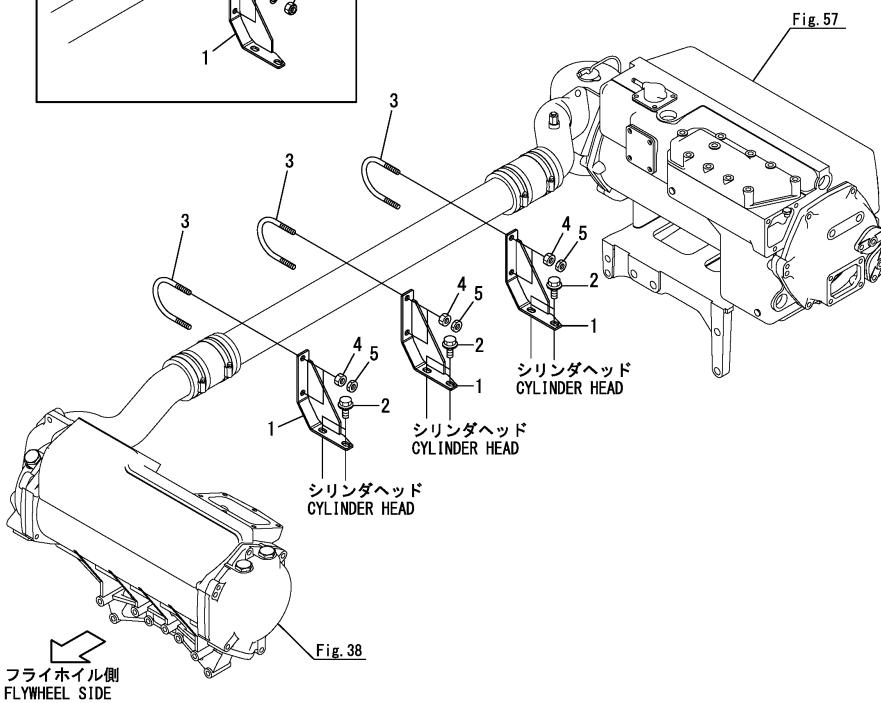
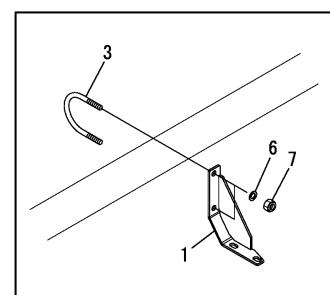
No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-49600	BEND, HEAD-MANIFOLD	6 6 6		
1-1	1	148660-49620	BEND, HEAD-MANIFOLD (A=E/#4368) (B=E/#4370) (C=E/#4523)	6 6 6	R	
1-2	1	148660-49621	BEND, HEAD-MANIFOLD (A=E/#8859) (B=E/#8788) (C=E/#8835)	6 6 6	N	
2	1	133670-49331	GASKET, 31X1.5	12 12 12		
3	1	26106-100502	BOLT, M10X 50 PLATED	6 6 6		
4	1	26106-100702	BOLT, M10X 70 PLATED	6 6 6		
5	1	26106-100402	BOLT, M10X 40 PLATED	6 6 6		
6	1	26106-100502	BOLT, M10X 50 PLATED	6 6 6		



## Fig.72. SUPPORT(SEA WATER PIPE)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-49342	SUPPORT, PIPE	3 3 3		
1-1	1	148660-49343	SUPPORT, WATER PIPE (A=2017.03) (B=2020.04) (C=2017.03)	3 3 3	N	
2	1	26106-100252	BOLT, M10X 25 PLATED	6 6 6		
3	1	148660-49980	U-BOLT	3 3 3		
4	1	26706-100002	NUT, M10	6 6 6		
5	1	26796-100002	NUT, LOCK M10	6 6 6		
6	1	22117-100000	WASHER, 10 (A=2015.05) (B=2015.05) (C=2015.05)	6 6 6	W 1	
7	1	26346-100002	NUT, M10 (A=2015.05) (B=2015.05) (C=2015.05)	6 6 6	W 1	

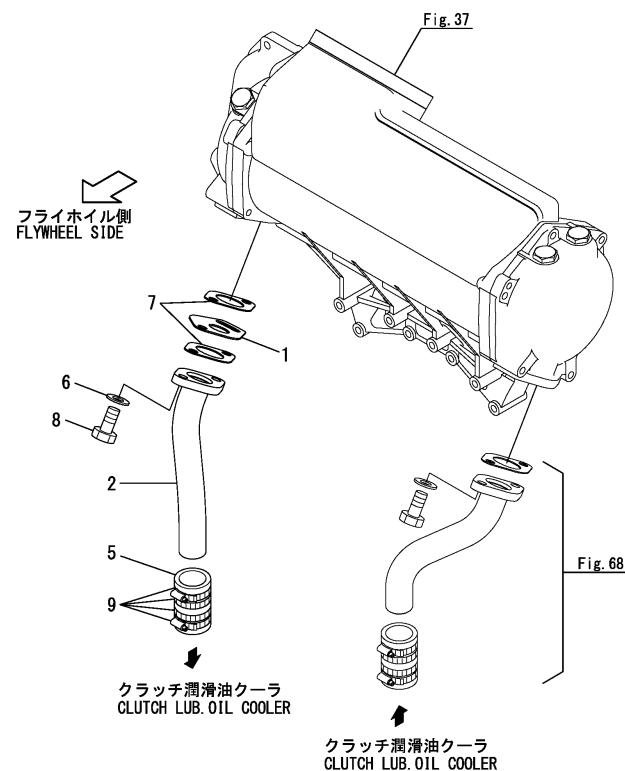
## Remarks

(1)Ships classification parts.

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

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Fig.133. (68A)COOLING PIPE(SEA WATER)(CLUTCH IN)(YXH-240)



## Remarks

(1)Yanmar standard inspection parts. Two-line fresh water/fresh water cooling specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	151623-49380	FLANGE, SPECTACLE (A=*2017.03) (C=*2017.03)	1		1				W	1
2	1	148660-49510	PIPE, COOLING WATER (A=*2017.03)	1		1				W	1
3	1	127620-49650	JOINT, RUBBER A (A=*2017.03) (C=*2017.03)	1		1				W	1
4	1	22137-120000	WASHER, 12 (A=*2017.03) (C=*2017.03)	2		2				W	1
5	1	23421-440000	GASKET, 44X1.5 (A=*2017.03) (C=*2017.03)	2		2				W	1
6	1	26116-120302	BOLT, M12X 30 PLATED (A=*2017.03) (C=*2017.03)	2		2				W	1
7	1	43730-552151	CLIP, HOSE 51 (A=*2017.03) (C=*2017.03)	4		4				W	1

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.73. COVER(CYLINDER BLOCK)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148620-49511	COVER, BLOCK	1	1	1			
2	1	148620-49520	O-RING	1	1	1			
3	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2			

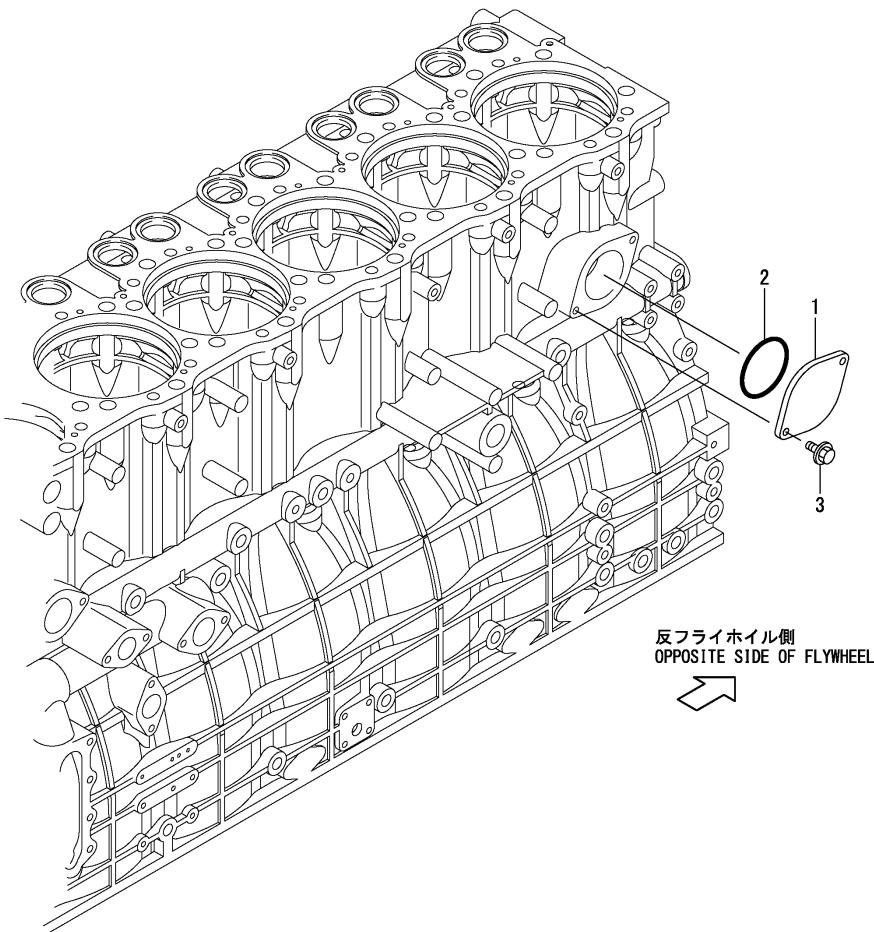
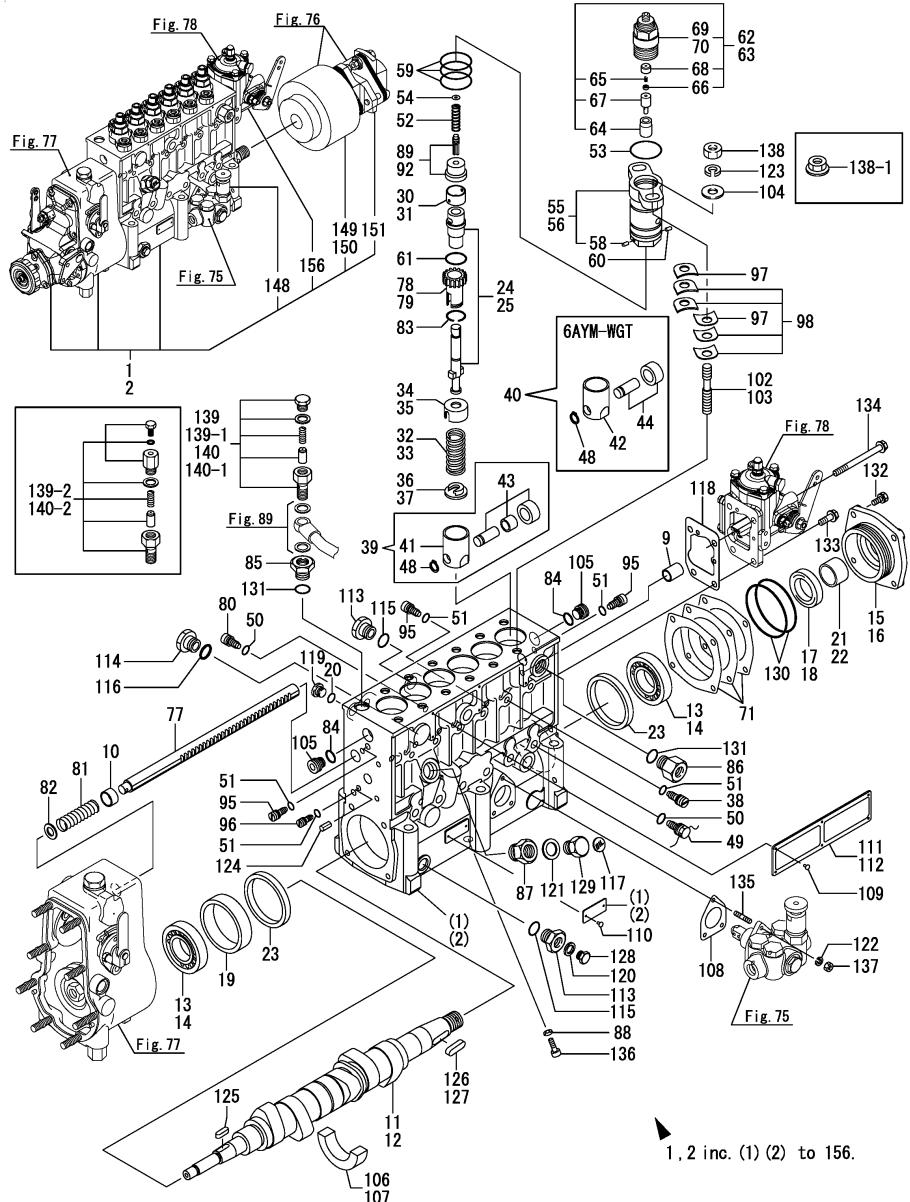


Fig.74. FUEL INJECTION PUMP



## Remarks

(1) Fuel Feed Pump(Fig.75), Coupling(Fig.76), Governor(Fig.77) & Boost Compensator(Fig.78) is incorporated in this Fuel Injection Pump(No.1 & 2).

(2) It is not used for manufactured machines.

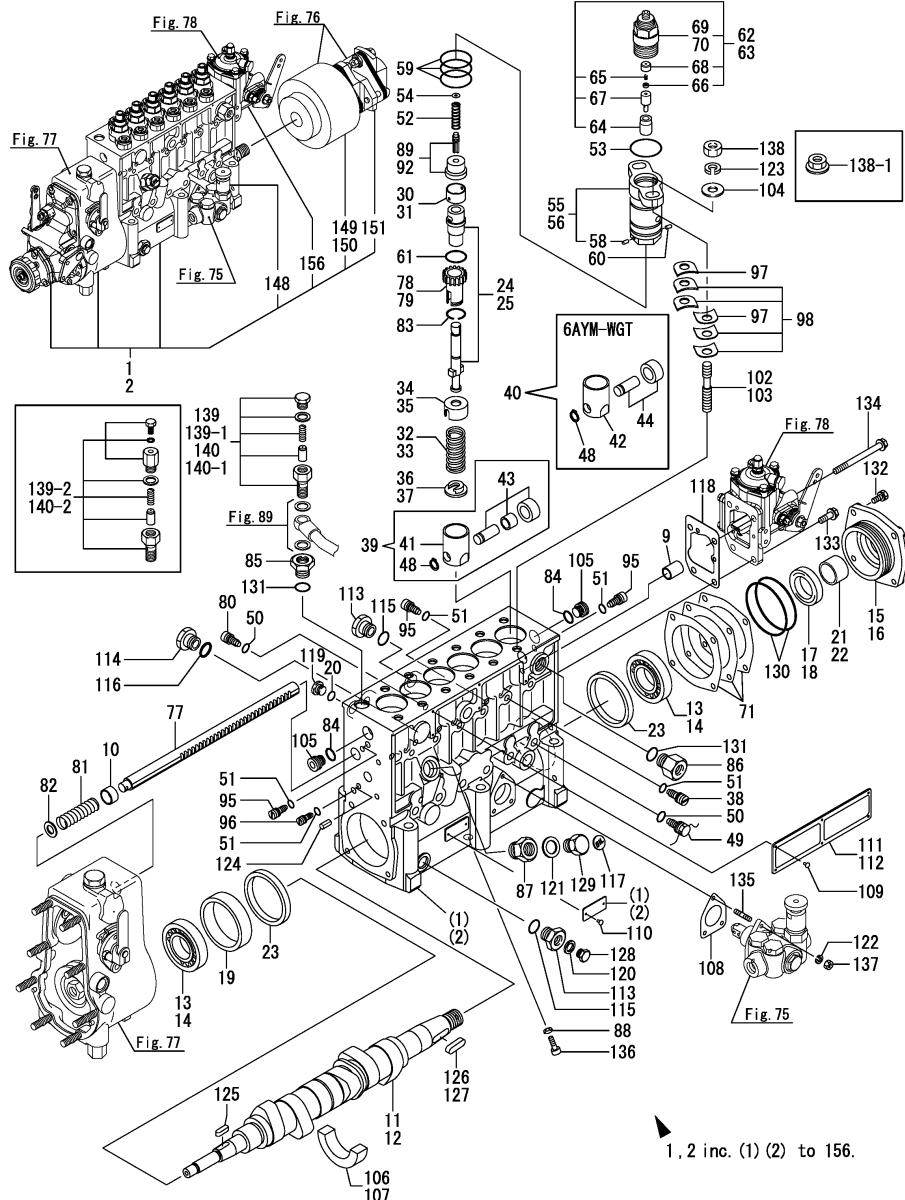
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	748691-51302	PUMP ASSY, INJECTION	1	1					1	
2	1	748665-51311	PUMP ASSY, INJECTION			1				1	
9	4	130605-51580	BUSH, RACK	1	1	1					
10	4	140623-51580	BUSH, RACK	1	1	1					
11	3	148620-51030	CAMSHAFT, PUMP	1	1						
12	3	148665-51030	CAMSHAFT, PUMP			1					
13	3	152623-51050	BEARING, HR32307J	2	2						
14	3	152696-51050	BEARING			2					
15	3	148620-51060	SUPPORT, CAMSHAFT A	1	1						
16	3	148665-51060	SUPPORT, CAMSHAFT A			1					
17	3	148620-51071	SEAL, OIL	1	1						
18	3	148665-51070	SEAL, OIL			1					
19	3	152623-51070	COLLAR, BEARING	1	1	1					
20	3	148620-51080	O-RING, 4D P11.0	1	1	1					
21	3	148620-51090	SLEEVE	1	1						
22	3	148665-51090	SLEEVE			1					
23	3	152696-51090	COLLAR, CAMSHAFT			2					
24	3	130605-51101	PLUNGER ASSY	6	6						
25	3	148665-51601	PLUNGER ASSY			6					
30	3	152623-51150	DEFLECTOR	6	6						
31	3	148665-51750	DEFLECTOR			6					
32	3	148620-51160	SPRING, PLUNGER	6	6						
33	3	148665-51160	SPRING, PLUNGER			6					
34	3	152623-51170	RETAINER, SPRING A	6	6						
35	3	148665-51170	RETAINER, SPRING A			6					
36	3	152623-51181	RETAINER, SPRING B	6	6						
37	3	148665-51180	RETAINER, SPRING LOW			6					
38	3	152623-51190	SCREW, LOCK	6	6	6					
39	3	148691-51200	TAPPET ASSY	6	6						
40	3	148665-51200	TAPPET ASSY			6					
41	4	152673-51240	TAPPET	6	6						
42	4	148665-51240	TAPPET			6					
43	4	148691-51250	ROLLER ASSY, TAPPET	6	6						
44	4	148665-51220	ROLLER ASSY, TAPPET			6					
44-1	4	148665-51221	TAPPET ASSY, ROLLER (C=E/#5671)			6					N
48	4	152673-51250	CIRCLIP, ROLLER PIN	6	6	6					
49	3	152623-51270	SCREW, LOCK	6	6	6					
50	3	144626-51281	O-RING, P9	7	7	7					
50-1	3	24311-000090	O-RING, 1AP9.0	7	7	7					R
		(A=2016.03)	(B=2016.03)								
		(C=2016.03)									
51	3	144626-51290	O-RING, P6	16	16	16					
52	3	137600-51332	SPRING, DELIVERY	6	6	6					
53	3	152673-51360	O-RING, DELIVERY	6	6	6					
54	3	152673-51390	PACKING, DELIVERY	6	6	6					
55	3	152679-51390	SUPPORT ASSY, BARREL	6	6						
56	3	148665-51400	SUPPORT ASSY, BARREL			6					
58	4	144626-51410	PIN, BARREL LOCK	6	6	6					
58-1	4	144626-51440	PIN (A=E/#5657) (B=E/#5701) (C=E/#5671)	6	6	6					R
59	3	152673-51420	O-RING, BARREL	18	18	18					

N:Old  $\xleftarrow{\text{Yes}}$  New, Q:Old  $\xleftarrow{\text{No}}$  New, R:Old  $\xleftarrow{\text{Yes}}$  New, S:Old  $\xleftarrow{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.74. FUEL INJECTION PUMP



## Remarks

(1) Fuel Feed Pump(Fig.75), Coupling(Fig.76), Governor(Fig.77) & Boost Compensator(Fig.78) is incorporated in this Fuel Injection Pump(No.1 & 2).

(2) It is not used for manufactured machines.

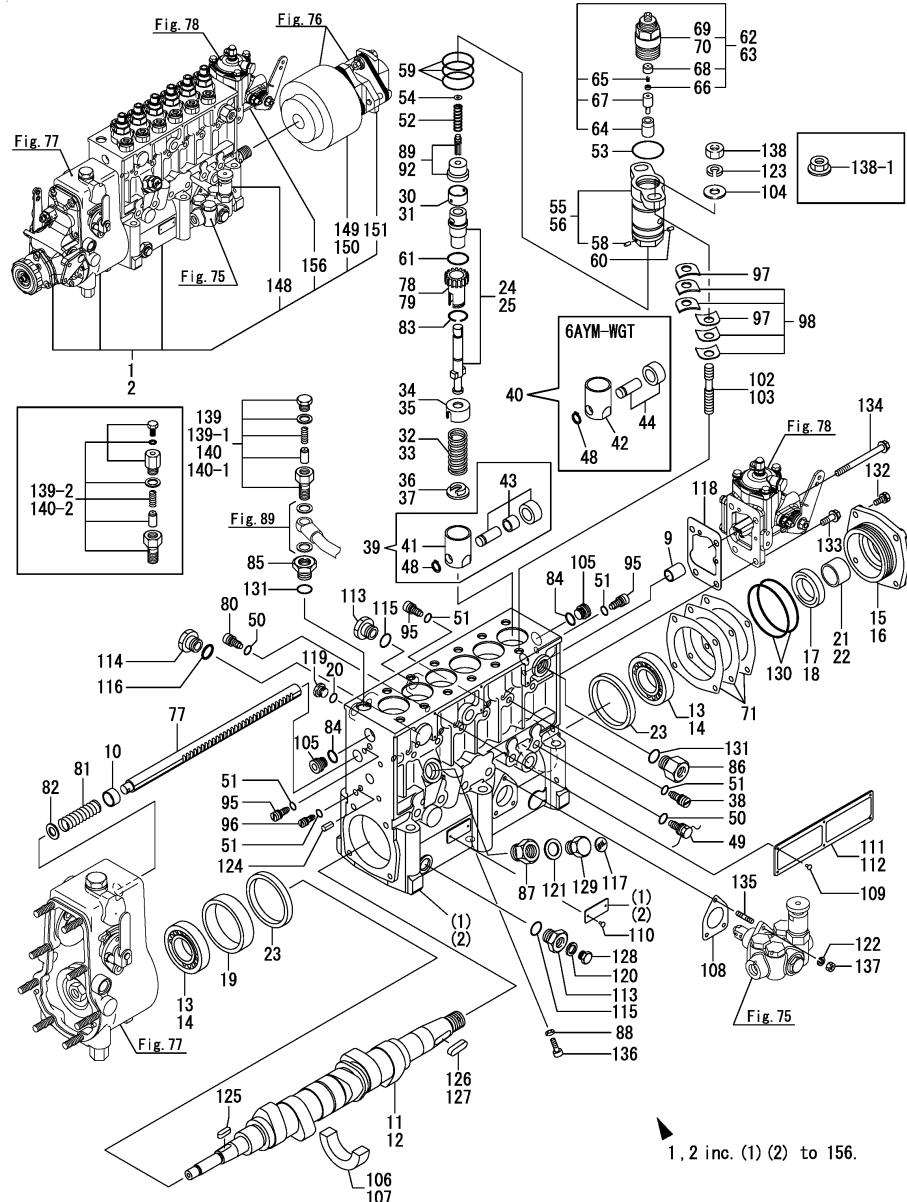
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
60	3	144626-51430	PIN	6	6	6						
61	3	152673-51430	O-RING, BARREL	6	6	6						
62	3	148691-51450	VALVE ASSY, DELIVERY	6	6							
63	3	148665-51641	HOLDER ASSY,DELIVERY			6						
64	4	130618-51370	PIECE	6	6	6						
65	4	148691-51370	SPRING, VALVE	6	6	6						
66	4	152696-51370	VALVE, CHECK	6	6	6						
67	4	130618-51380	STOPPER, VALVE	6	6	6						
68	4	148691-51380	RETAINER	6	6	6						
69	4	148691-51460	HOLDER, DELIVERY	6	6							
70	4	148665-51650	HOLDER, DELIVERY			6						
71	3	152623-51450	SHIM SET, CAMSHAFT	1	1	1						
77	3	130605-51500	RACK, CONTROL	1	1	1						
78	3	152623-51510	PINION	6	6							
79	3	148665-51510	PINION			6						
80	3	144626-51521	SCREW, RACK LOCK	1	1	1						
81	3	140623-51530	SPRING, RACK	1	1	1						
82	3	140623-51540	WASHER	1	1	1						
83	3	152623-51540	CIRCLIP, PLUNGER	6	6	6						
84	3	152673-51660	O-RING, PROTECTOR	2	2	2						
84-1	3	24356-190170	PACKING, 19017	2	2	2					R	
		(A=*	2016.03)	(B=*	2016.03)	(C=*	2016.03)					
85	3	144626-51670	PLUG, FUEL	1	1	1						
86	3	148616-51671	PLUG	1	1	1						
87	3	136603-51690	PLUG, M16 L17	1	1	1						
88	3	144626-51700	WASHER, SEAL	2	2	2						
88-1	3	22190-060002	WASHER, SEAL 6	2	2	2					R	
		(A=*	2018.06)	(B=*	2018.06)	(C=*	2018.06)					
89	3	148691-51700	VALVE ASSY, DELIVERY	6	6							
92	3	148665-51760	VALVE ASSY, DELIVERY			6						
95	3	144626-51730	PLUG	8	8	8						
96	3	144626-51730	PLUG	2	2	2						
97	3	152623-51750	SHIM, ADJUST T=1.0	12	12	12						
98	3	152623-51760	SHIM SET, ADJUSTING	6	6	6						
102	3	152623-51800	BOLT, M12	12	12							
103	3	148665-51800	BOLT, M12			12						
104	3	152623-51810	WASHER	12	12	12					Z	
		(A=*	2013.10)	(B=*	2013.10)	(C=*	2013.10)					
105	3	130605-51830	PROTECTOR, SPILL	2	2	2						
106	3	152623-51850	METAL, CAMSHAFT	1	1							
107	3	152696-51850	METAL, CAMSHAFT			1						
108	3	124410-51861	GASKET, FEED PUMP	1	1	1						
109	3	124220-51890	RIVET	6	6	6						
110	3	124220-51890	RIVET	2	2	2						
111	3	130605-51910	LABEL, CAUTION	1	1							
112	3	148665-51810	LABEL, CAUTION			1						
113	3	144626-51940	PLUG, VALVE	2	2	2						
114	3	144626-51940	PLUG, VALVE	1	1	1						
115	3	144626-51950	O-RING, 1016	2	2	2						
116	3	144626-51950	O-RING, 1016	1	1	1						
117	3	124610-51970	LABEL, OIL FEED	1	1	1						

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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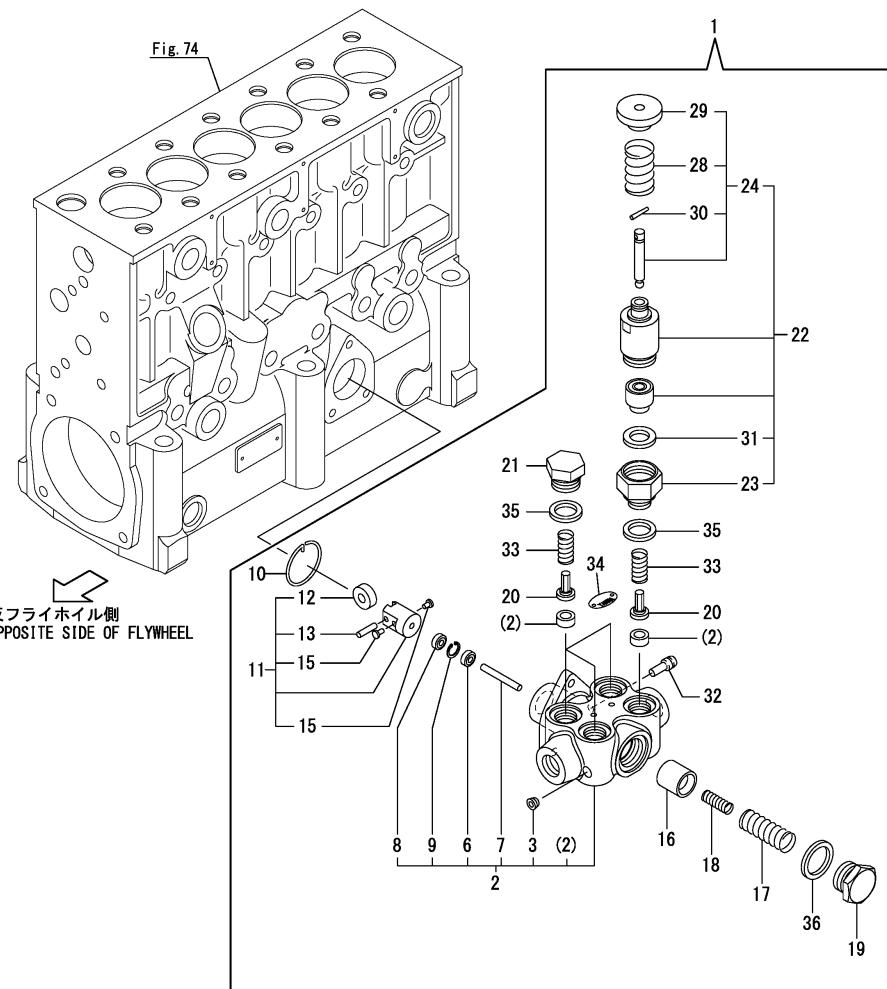
## Fig.74. FUEL INJECTION PUMP



## Fig.75. FUEL FEED PUMP

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	2	148620-52001	PUMP ASSY, FUEL FEED	1 1 1		
1-1	2	148620-52002	FEED-PUMP ASSY	1 1 1	N	
		(A=E/#09062) (B=E/#09073) (C=E/#09099)				
2	3	148688-52013	BODY ASSY, PUMP	1 1 1		
2-1	3	148688-52014	BODY ASSY, FEED PUMP	1 1 1	N	
		(A=E/#09062) (B=E/#09073) (C=E/#09099)				
3	4	124210-21230	PLUG	1 1 1		
6	4	148620-52070	SEAL, OIL	1 1 1		
6-1	4	148620-52071	SEAL, OIL	1 1 1	R	
		(A=*>2019.01) (B=*>2019.01) (C=*>2019.01)				
6-2	4	148620-52072	SEAL, OIL	1 1 1	N	
		(A=E/#09062) (B=E/#09073) (C=E/#09099)				
7	4	148616-52161	SPINDLE, INTER	1 1 1		
8	4	144626-52270	SEAL, OIL KB5-14-5	1 1 1		
9	4	22252-000140	RING, 14	1 1 1		
10	3	135200-52071	CIRCLIP, GUIDE	1 1 1		
11	3	148620-52100	GUIDE ASSY, ROLLER	1 1 1		
12	4	148620-52110	ROLLER	1 1 1		
13	4	148688-52120	PIN, ROLLER	1 1 1		
15	4	148688-52141	RETAINER, ROLLER PIN	2 2 2		
16	3	135200-52170	PISTON	1 1 1		
17	3	148620-52180	SPRING, PISTON OUT	1 1 1		
18	3	148620-52190	SPRING, PISTON INLET	1 1 1		
19	3	127692-52210	RETAINER, SPRING	1 1 1		
20	3	135200-52213	VALVE, REVERSE	4 4 4		
21	3	144626-52230	RETAINER, SPRING	3 3 3		
22	3	135200-52301	PUMP ASSY, PRIMING	1 1 1		
23	4	148616-52240	HOLDER, SPRING	1 1 1		
24	4	152623-52300	KNOB ASSY, PRIMING	1 1 1		
28	5	135200-52350	SPRING, PRIMING	1 1 1		
29	5	135200-52361	KNOB	1 1 1		
30	5	22322-030180	PIN, TAPER 3X18	1 1 1		
31	4	135200-52320	PACKING, CYLINDER	1 1 1		
31-1	4	148691-52320	PACKING,CYLINDER	1 1 1	N	
		(A=*>2018.01) (B=*>2018.01) (C=*>2018.01)				
32	3	148616-52420	JOINT, PIPE	1 1 1		
33	3	135200-52510	SPRING, VALVE	4 4 4		
34	3	144626-52921	LABEL,INJECTION PUMP	1 1 1		
35	3	23414-180023	GASKET, 18X1.0	4 4 4		
36	3	23414-250031	GASKET, 25X1.0	1 1 1		

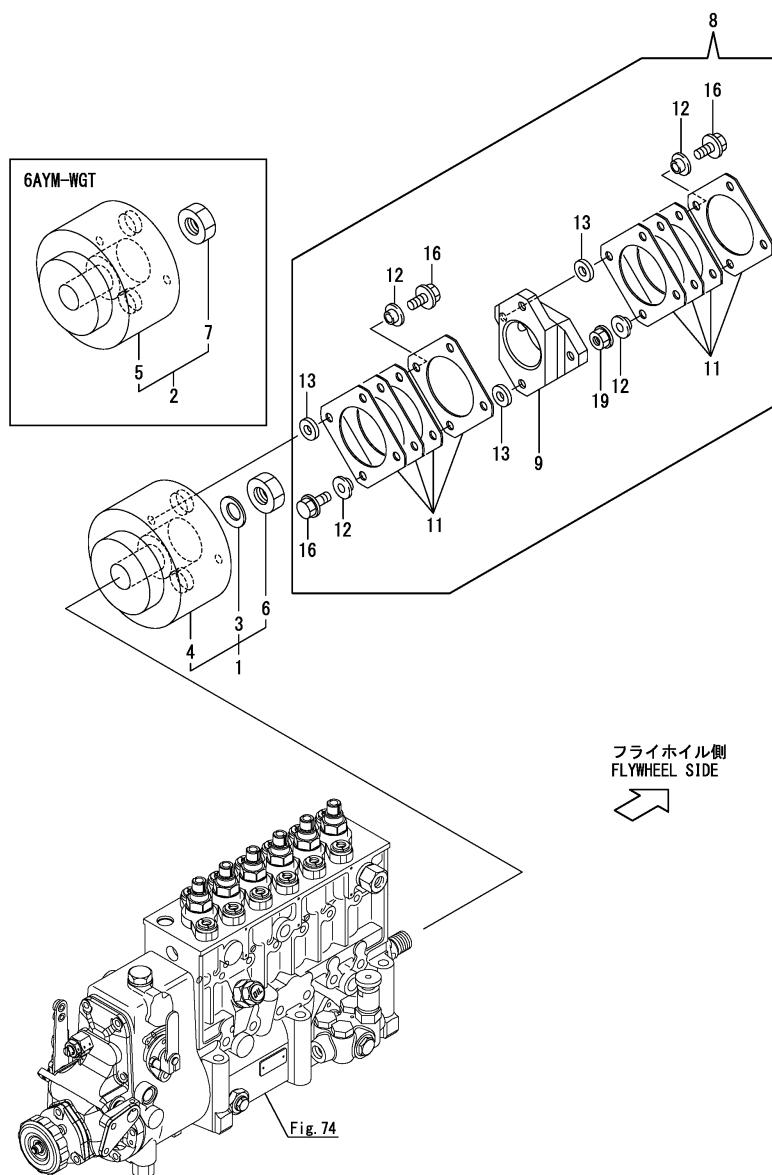
## Remarks

\* This figure(Fuel feed pump) is incorporated in the Fuel Injection Pump(Fig.74).

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.76. COUPLING



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B)	(C) (D)	(E) (F)
1	2	130605-54500	JOINT ASSY, DRIVE	1	1	
2	2	148691-54500	JOINT ASSY, DRIVE		1	
2-1	2	148691-54501	COUPLING ASSY		1	R
			(C=E/#5671)			
3	3	130605-54420	WASHER, SPRING	1	1	
4	3	130605-54550	COUPLING, IDLE	1	1	
5	3	148691-54550	JOINT, DRIVE		1	
5-1	3	148691-54551	COUPLING		1	R
			(C=E/#5671)			
6	3	26736-270002	NUT, M27	1	1	
7	3	152696-54790	NUT, END		1	
8	2	148965-54690	COUPLING ASSY	1	1	1
9	3	148688-54490	JOINT	1	1	1
10	3	148965-54510	JOINT, DRIVING SHAFT	1	1	1
11	3	148688-54520	SHIM, ADJUST	16	16	16
12	3	148688-54540	RETAINER	8	8	8
13	3	148688-54550	WASHER	8	8	8
14	3	148688-54580	WASHER, PLAIN	2	2	2
15	3	22217-140000	WASHER, SPRING 14	1	1	1
16	3	26138-120252	BOLT, 12X 25	6	6	6
17	3	26138-120402	BOLT, 12X 40	2	2	2
18	3	26156-140602	BOLT, M14X 60 PLATED	1	1	1
19	3	121450-01220	NUT, CYLINDER HEAD	2	2	2

## Remarks

\* This figure(Coupling) is incorporated in the Fuel Injection Pump(Fig.74).

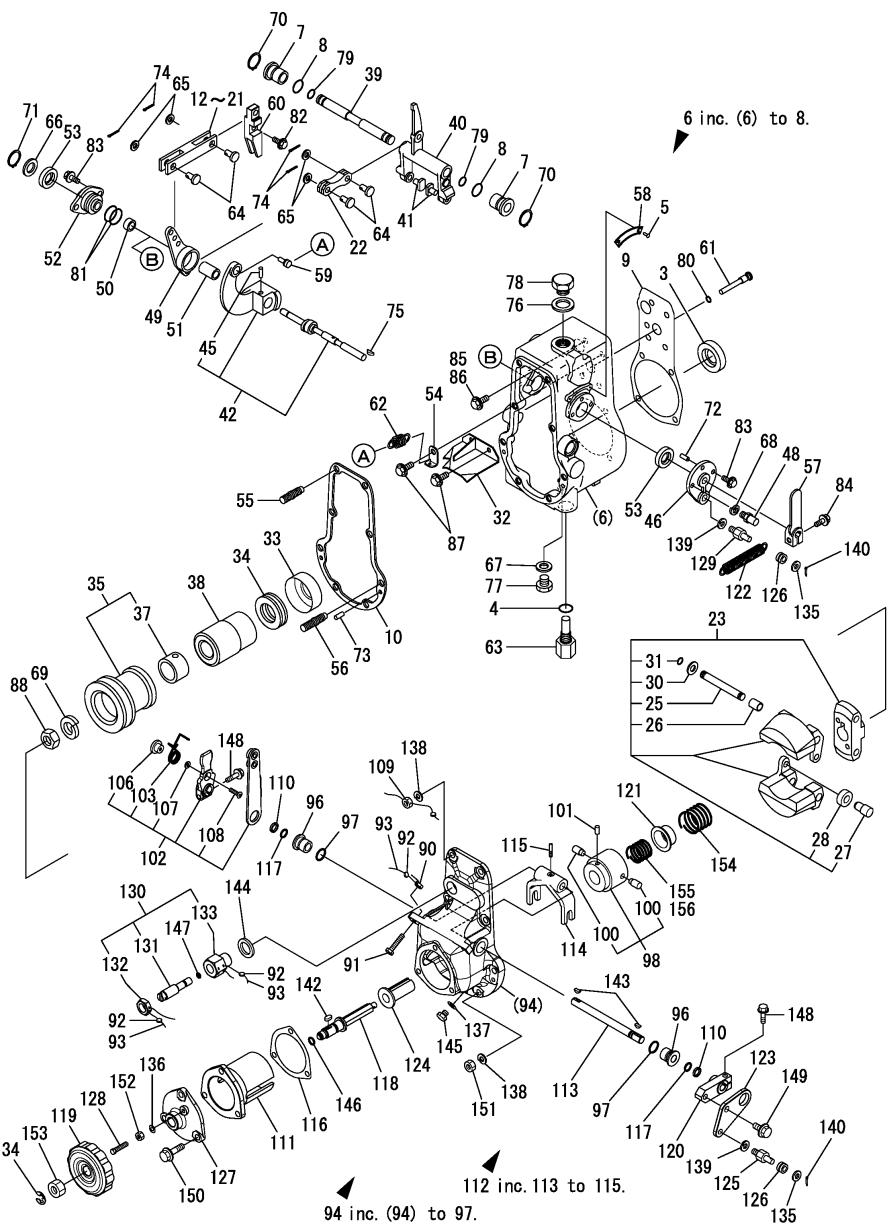
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.77. GOVERNOR

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



## Remarks

\* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.74).

(1) Selective parts.

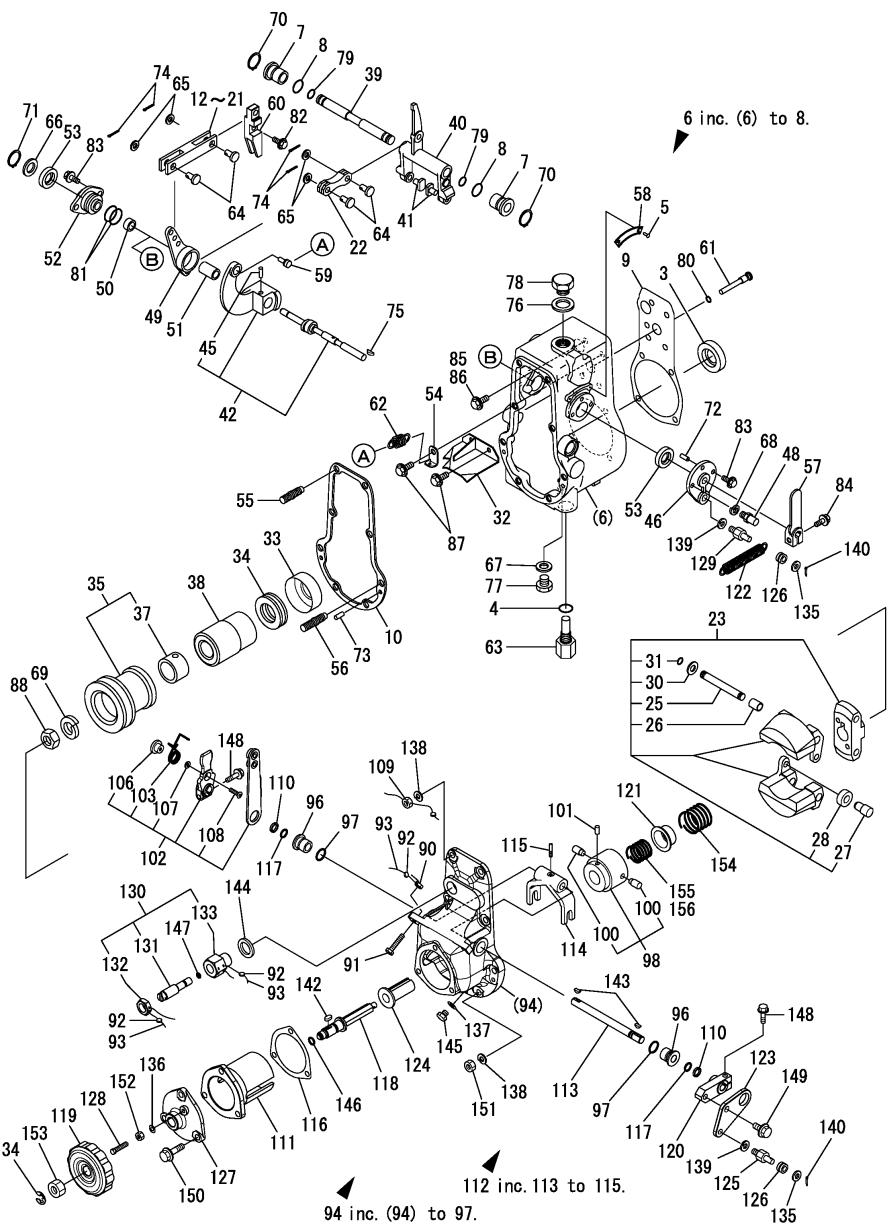
No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
3	3	135210-51080	SEAL, OIL	1	1	1			
4	3	122710-51360	O-RING, DELIVERY	1	1	1			
5	3	124220-51890	RIVET	2	2	2			
6	3	148640-61010	CASE, GOVERNOR	1	1	1			
7	4	144626-61431	BUSH, 1ST LEVER	2	2	2			
8	4	144626-61800	O-RING, 1015	2	2	2			
9	3	152623-61051	GASKET, CASE	1	1	1			
10	3	148640-61070	GASKET, CASE	1	1	1			
12	3	144626-61140	LINK, L50	1	1	1	1		
13	3	148640-61140	LINK, B	1	1	1	1		
14	3	148691-61140	LINK, B	1	1	1	1		
15	3	144626-61150	LINK, L51	1	1	1	1		
16	3	148640-61150	LINK, B	1	1	1	1		
17	3	148691-61150	LINK, B	1	1	1	1		
18	3	148640-61160	LINK, B	1	1	1	1		
19	3	148691-61160	LINK, B	1	1	1	1		
20	3	148640-61170	LINK, B	1	1	1	1		
21	3	148640-61180	LINK, B	1	1	1	1		
22	3	140673-61160	LINK, GOVERNOR	1	1	1			
23	3	148640-61200	WEIGHT ASSY,GOVERNOR	1	1	1			
25	4	135210-61221	PIN, GOVERNOR WEIGHT	2	2	2			
26	4	135210-61230	BUSH, WEIGHT PIN	4	4	4			
27	4	148640-61240	PIN	2	2	2			
28	4	148640-61250	ROLLER	2	2	2			
30	4	22117-100000	WASHER, 10	4	4	4			
31	4	22242-000100	RING, 10	4	4	4			
32	3	148640-61270	PLATE	1	1	1			
33	3	140623-61310	WASHER	1	1	1			
34	3	135210-61320	THRUST BEARING	1	1	1			
35	3	148609-61330	SHIFTERASSY	1	1	1			
37	4	140673-61350	BUSH, RETAINER	1	1	1			
38	3	140623-61500	SPACER, CAMSHAFT	1	1	1			
39	3	144626-61510	SHAFT,GOVERNOR LEVER	1	1	1			
40	3	144626-61530	LEVER, GOVERNOR NO.1	1	1	1			
41	3	135210-61540	RETAINER, 1ST LEVER	2	2	2			
42	3	148609-61550	SHAFT ASSY, LEVER	1	1	1			
45	4	22322-030180	PIN, TAPER 3X18	1	1	1			
46	3	148616-61570	BEARING, 2ND LEVER A	1	1	1			
48	3	135210-61590	BOLT, LEVER SHAFT A	1	1	1			
49	3	136603-61590	LEVER, 2ND	1	1	1			
50	3	136603-61600	BEARING, D24L12	1	1	1			
51	3	144626-61620	SLEEVE, 2ND LEVER A	1	1	1			
52	3	148616-61640	BEARING, 2ND LEVER B	1	1	1			
53	3	148616-61650	SEAL, OIL VC081404	2	2	2			
54	3	148640-61790	PLATE, RETRUN SPRING	1	1	1			
55	3	148640-61800	STUD	4	4	4			
56	3	148640-61810	STUD	4	4	4			
57	3	135210-61830	HANDLE,FUEL SHUT-OFF	1	1	1			
58	3	144626-61840	PLATE	1	1	1			
59	3	135210-61850	PIN	1	1	1			
60	3	148640-61850	LINK, RACK CONECTING	1	1	1			

N:Old Yes New, Q:Old Yes New, R:Old Yes New, S:Old Yes New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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## Fig.77. GOVERNOR

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

\* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.74).

(1)Selective parts.

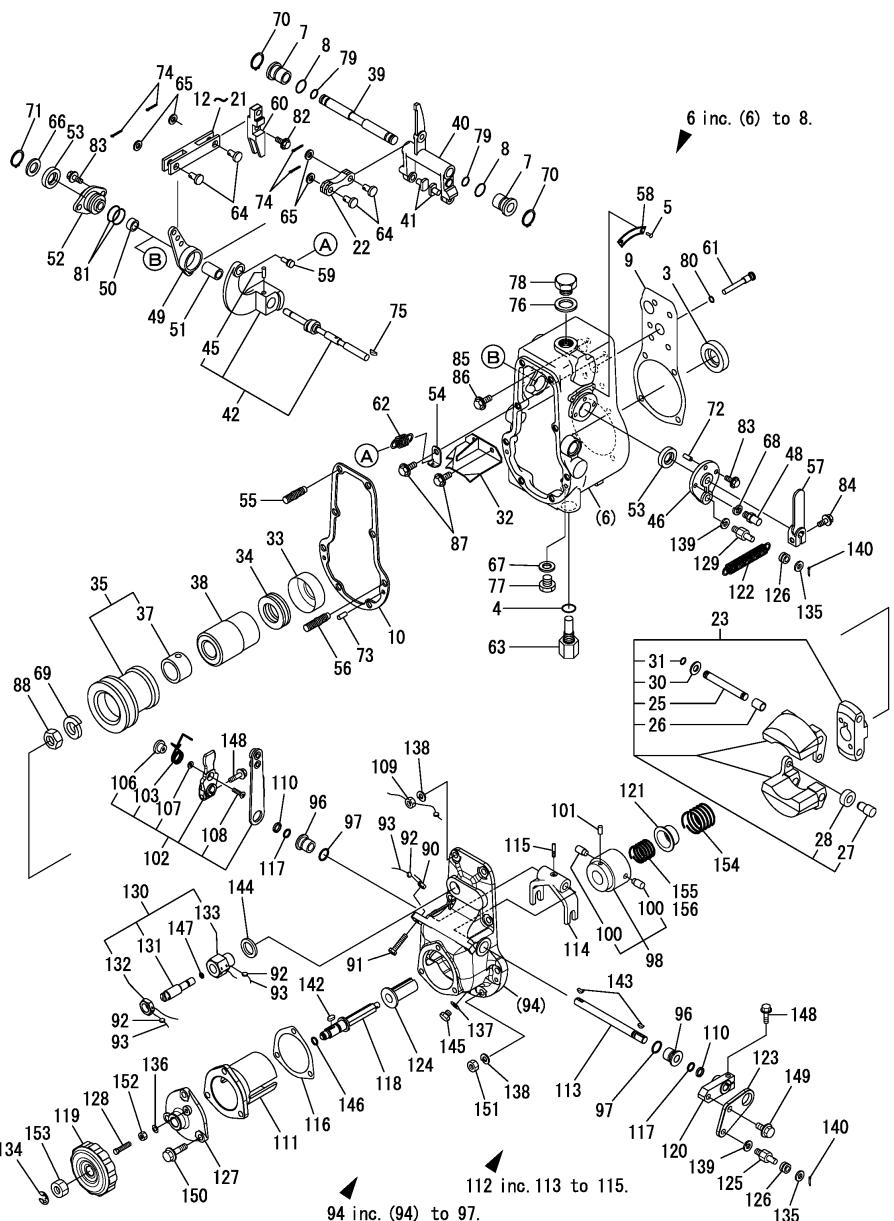
No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
61	3	136603-61860	GUIDE, LINK	1	1	1			
62	3	144626-61890	SPRING, HANDLE	1	1	1			
63	3	152623-61910	BUSH, OIL OUT	1	1	1			
64	3	180110-66410	PIN, GOVERNOR LINK	4	4	4			
65	3	131110-66420	WASHER, LEVER	4	4	4			
66	3	22117-080000	WASHER, 8	1	1	1			
67	3	22190-120002	WASHER, SEAL 12	1	1	1			
68	3	22217-060000	WASHER, SPRING 6	1	1	1			
69	3	22217-140000	WASHER, SPRING 14	1	1	1			
70	3	22242-000110	RING, 11	2	2	2			
71	3	22276-000070	RING, 7	1	1	1			
72	3	22312-060140	PIN, PARALLEL M6X14	1	1	1			
73	3	22312-060140	PIN, PARALLEL M6X14	2	2	2			
73-1	3	22312-060200	PIN, PARALLEL M6X20	2	2	2			
(A=2011.06) (B=2011.06) (C=2011.06)				R					
74	3	22417-160120	PIN, COTTER 1.6X12	4	4	4			
75	3	22522-030100	KEY, WOODRUFF 3X10	1	1	1			
76	3	23414-220029	GASKET, 22X1.0	1	1	1			
77	3	23887-120002	PLUG, 12	1	1	1			
78	3	23897-040002	PLUG, G1/2	1	1	1			
79	3	24311-000080	O-RING, 1AP8.0	2	2	2			
80	3	24312-000050	O-RING, 2P5.0	1	1	1			
81	3	24312-000200	O-RING 2 P-20.0	2	2	2			
82	3	26106-060162	BOLT, M6X 16 PLATED	1	1	1			
83	3	26106-060162	BOLT, M6X 16 PLATED	3	3	3			
84	3	26106-060182	BOLT, M6X 18 PLATED	1	1	1			
85	3	26106-080222	BOLT, M8X 22 PLATED	1	1				
86	3	26450-080222	BOLT, M8X 22			1			
87	3	26106-080322	BOLT, M8X 32 PLATED	7	7	7			
88	3	26601-140002	NUT, M14	1	1	1			
90	3	135210-51610	LOCK NUT	1	1	1			
91	3	135210-61080	SCREW, SPEED ADJUST	1	1	1			
92	3	114780-61090	TIN	3	3	3			
93	3	135210-61100	WIRE	1	1	1			
94	3	148640-61110	HOUSING ASSY	1	1	1			
96	4	152623-61430	BUSH, SHAFT	2	2	2			
97	4	144626-61800	O-RING, 1015	2	2	2			
98	3	148616-61361	RETAINER, SPRING	1	1	1			
100	4	135210-61380	STOPPER	2	2	2			
101	4	148616-61390	PIN	1	1	1			
102	3	148640-61400	LEVER ASSY, CONTROL	1	1	1			
103	4	148616-61410	SPRING, LEVER	1	1	1			
106	4	148616-61440	RETAINER, SPRING	1	1	1			
107	4	22217-050000	WASHER, SPRING 5	1	1	1			
108	4	26567-050162	SCREW, M5X16	1	1	1			
109	3	136603-61440	NUT, 8XT6.5	2	2	2			
110	3	152623-61440	RETAINER, O-RING	2	2	2			
111	3	144626-61450	GUIDE	1	1	1			
112	3	148640-61450	SHAFT ASSY, LEVER	1	1	1			
113	4	148640-61430	SHAFT, LEVER	1	1	1			
114	4	148640-61480	LEVER, SPRING	1	1	1			

N:Old Yes New, Q:Old Yes New, R:Old Yes New, S:Old Yes New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++ Copyright (C) 2020 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.77. GOVERNOR

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
115	4	148016-61550	PIN, TAPER	1	1	1					
116	3	144626-61461	GASKET, GUIDE	2	2	2					
117	3	152623-61460	O-RING	2	2	2					
118	3	135600-61481	SHAFT W/BUSH	1	1	1					
119	3	135600-61491	HANDLE	1	1	1					
120	3	144626-61740	BRACKET, LEVER	1	1	1					
121	3	148616-61740	RETAINER, SPRING	1	1	1					
122	3	144626-61751	SPRING	1	1	1					
123	3	144626-61761	LEVER, SPRING	1	1	1					
124	3	148616-61761	SCREW, ADJUSTING	1	1	1					
125	3	144626-61771	BOLT, SPRING A	1	1	1					
126	3	144626-61781	PIECE, SPRING	2	2	2					
127	3	148616-61780	BRACKET, HANDLE	1	1	1					
128	3	148616-61800	SCREW, ADJUSTING	1	1	1					
129	3	144626-61900	BOLT, SPRING B	1	1	1					
130	3	148640-61930	BOLT ASSY	1	1	1					
131	4	148640-61940	BOLT, CONTROL	1	1	1					
132	4	140673-61950	NUT, LOCK	1	1	1					
133	4	140673-61960	GUIDE	1	1	1					
134	3	135200-61970	CIRCLIP (7)	1	1	1					
135	3	22111-080000	WASHER	2	2	2					
136	3	22190-060001	WASHER, SEAL 6	1	1	1					
137	3	22190-080002	WASHER, SEAL 8	1	1	1					
138	3	22217-080000	WASHER, SPRING 8	8	8	8					
139	3	22217-080000	WASHER, SPRING 8	2	2	2					
140	3	22411-160150	COTTER PIN 1.6X15	2	2	2					
142	3	22512-050120	KEY, 5X 12	1	1	1					
143	3	22522-040130	KEY, WOODRUFF 4X13	2	2	2					
144	3	23414-200000	GASKET, 20X1.0	1	1	1					
145	3	23887-080002	PLUG 8	1	1	1					
146	3	24311-000110	O-RING, 1AP11.0	1	1	1					
147	3	24312-000070	O-RING, 2P7.0	1	1	1					
148	3	26106-060222	BOLT, M6X 22 PLATED	1	1	1					
149	3	26106-080182	BOLT, M8X 18 PLATED	1	1	1					
150	3	26106-080302	BOLT, M8X 30 PLATED	3	3	3					
151	3	26706-080002	NUT, M8	6	6	6					
152	3	26756-060002	NUT, LOCK M6	1	1	1					
153	3	26776-120002	NUT, LOCK M12	1	1	1					
154	2	148616-61710	SPRING, GOVERNOR	1	1	1					
155	2	148640-61730	SPRING, IDLE	1	1						
156	2	126616-61730	SPRING, IDLE			1					

## Remarks

\* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.74)

### (1) Selective parts.

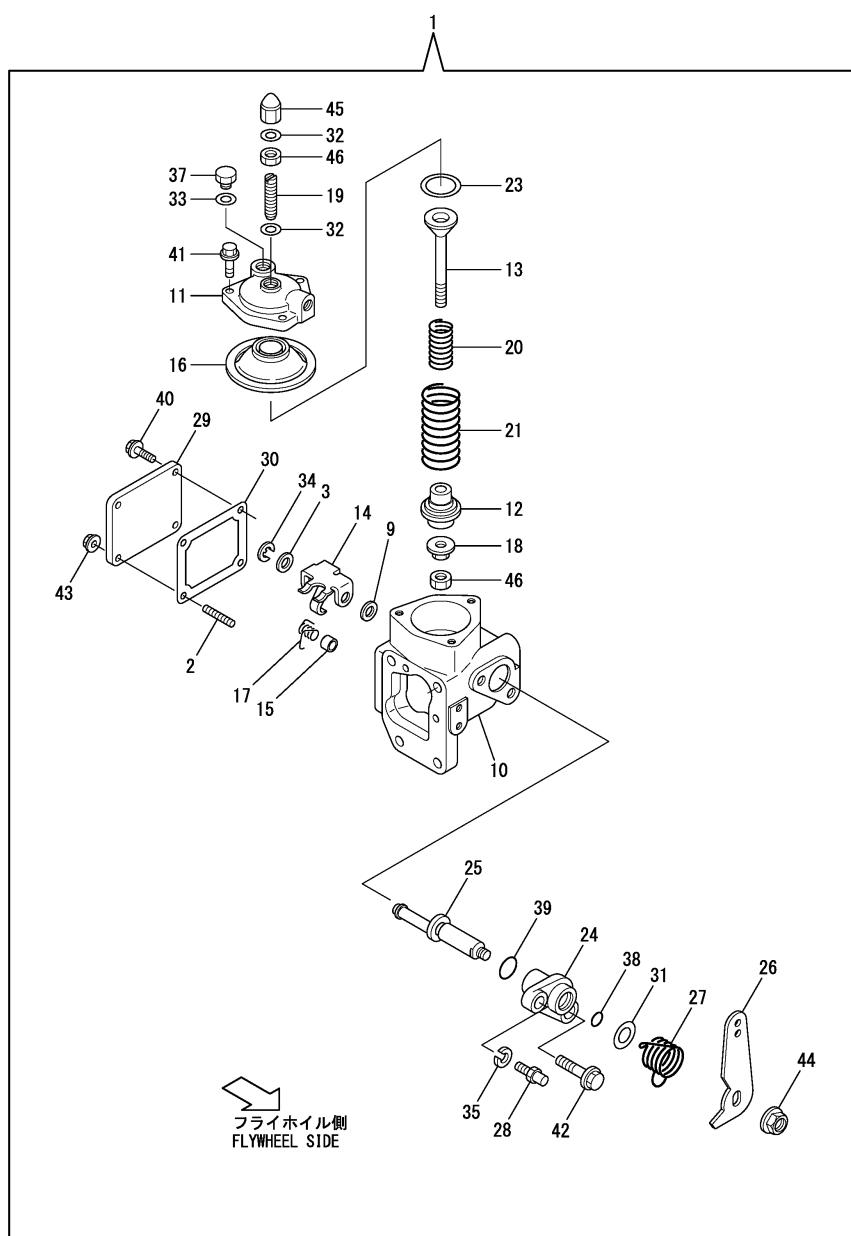
N:Old  $\xleftarrow{\text{Yes}} \text{New}$ , Q:Old  $\xleftarrow{\text{No}} \text{New}$ , R:Old  $\xleftarrow[\text{Yes}]{\text{Yes}} \text{New}$ , S:Old  $\xleftarrow[\text{No}]{\text{No}} \text{New}$ , W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ity Change

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## Fig.78. BOOST COMPENSATOR

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148691-61490	COMPENSATOR ASSY,BST	1	1	1			
2	2	119660-01570	STUD, M6X12	2	2	2			
3	2	129155-61480	SPACER ASSY, LEVER	1	1	1			
9	2	129156-61480	SHIM, T=1.2	1	1	1			
10	2	148688-61500	CASE, ACTUATOR	1	1	1			
11	2	129595-61600	CASE, DIAPHRAGM	1	1	1			
12	2	126684-61610	BUSH, GUIDE	1	1	1			
13	2	126684-61620	ROD, SLIDER	1	1	1			
14	2	148688-61630	LEVER, SETTING	1	1	1			
15	2	148688-61640	COLLAR, LEVER	1	1	1			
16	2	126684-61651	DIAPHRAGM ASSY	1	1	1			
17	2	148688-61650	SPRING, SET LEVER	1	1	1			
18	2	148688-61660	NUT, ADJUSTER	1	1	1			
19	2	129595-61671	BOLT, ADJUSTER	1	1	1			
20	2	148688-61680	SPRING, DIAPHRAGM	1	1	1			
21	2	148688-61790	SPRING, DIAPHRAGM	1	1	1			
23	2	148688-61820	SHIM, ADJUST T=1.0	2	2	2			
24	2	148688-61890	BUSH, SHAFT	1	1	1			
25	2	148688-61900	SHAFT, LEVER	1	1	1			
26	2	126617-61910	LEVER, CANCEL	1	1	1			
27	2	148688-61920	SPRING, LEVER SET	1	1	1			
28	2	148688-61940	PIN	1	1	1			
29	2	148688-61950	COVER, SIDE	1	1	1			
30	2	148688-61960	GASKET, SIDE COVER	1	1	1			
31	2	158835-85990	WASHER	1	1	1			
32	2	22190-080000	WASHER, SEAL 8	2	2	2			
33	2	22190-100002	WASHER, SEAL 10	1	1	1			
34	2	22276-000060	RING, E-6	1	1	1			
34-1	2	22272-000060	RING, E-6	1	1	1			
(A=2012.09)		(B=2012.09)		(C=2012.09)		R			
35	2	22287-080000	WASHER, 8	1	1	1			
37	2	23887-100002	PLUG, 10	1	1	1			
38	2	24311-000120	O-RING, 1AP12.0	1	1	1			
39	2	24311-000160	O-RING, 1AP16.0	1	1	1			
40	2	26106-060142	BOLT, M6X 14 PLATED	2	2	2			
41	2	26106-060182	BOLT, M6X 18 PLATED	3	3	3			
42	2	26106-080162	BOLT, M8X 16 PLATED	1	1	1			
43	2	26366-060002	NUT, M6	2	2	2			
44	2	26366-080002	NUT, M8	1	1	1			
45	2	26667-080002	NUT, CAP M8	1	1	1			
46	2	26757-080002	NUT, LOCK M8	2	2	2			

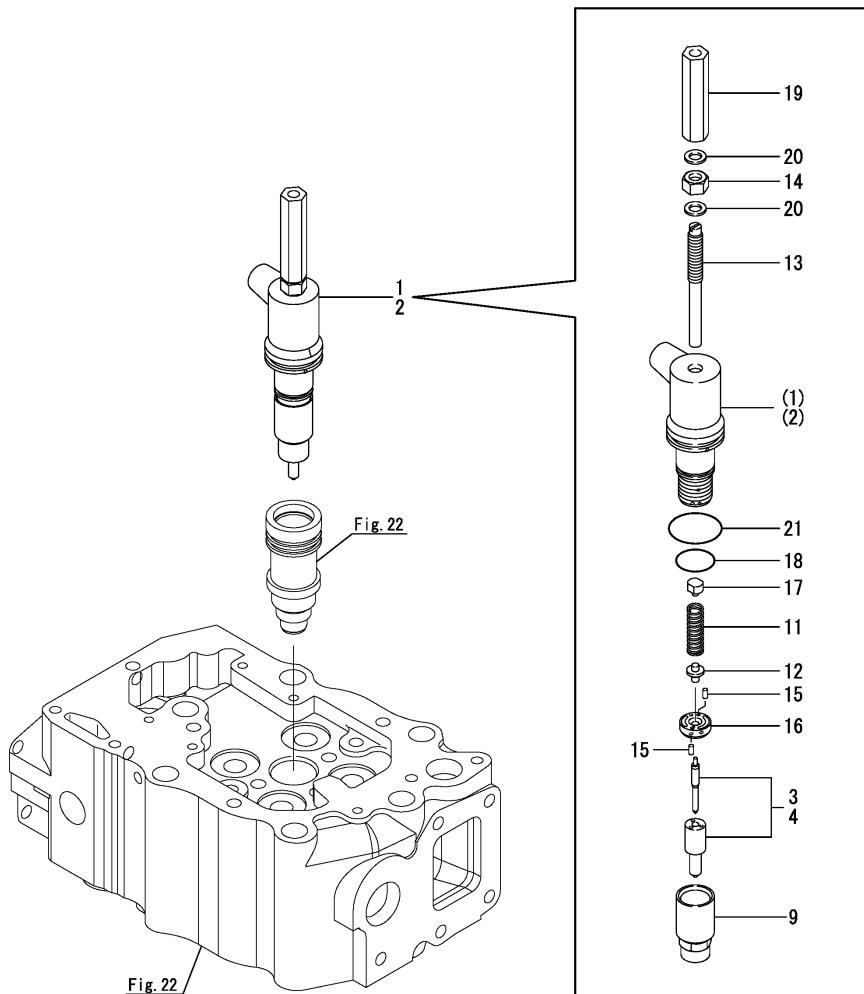
## Remarks

\* This figure(Boost Compensator) is incorporated in the Fuel Injection Pump(Fig.74).

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.79. FUEL INJECTION VALVE

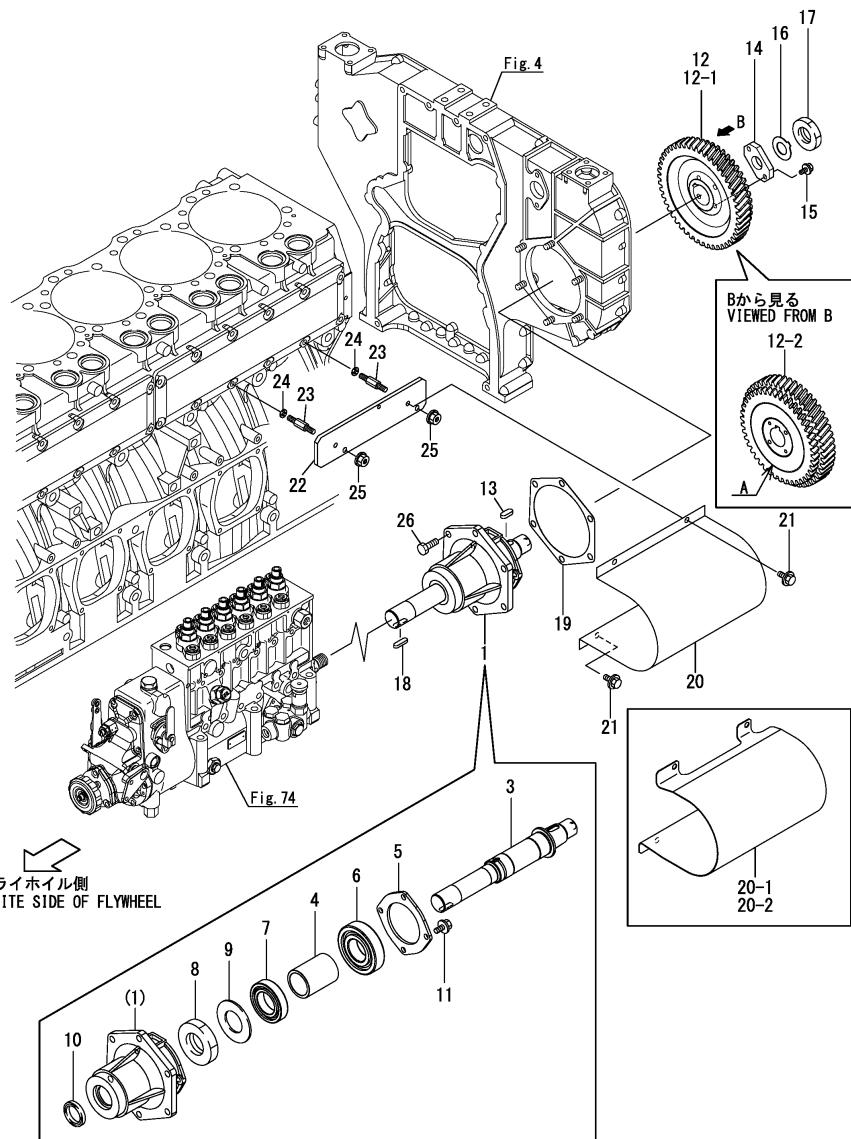


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	748691-53102	VALVE ASSY,INJECTION	6		6			
2	1	748640-53120	VALVE ASSY,INJECTION			6			
3	2	148691-53002	VALVE ASSY,INJECTION	6		6			
4	2	148640-53100	VALVE ASSY,INJECTION			6			
9	2	148620-53080	NUT, NOZZLE	6		6	6		
11	2	126616-53120	SPRING, NOZZLE	6		6	6		
12	2	126616-53130	RETAINER, SPRING	6		6	6		
13	2	148620-53160	BOLT, SPRING ADJUST	6		6	6		
14	2	139684-53170	NUT, ADJUSTING SCREW	6		6	6		
15	2	103200-53210	PIN, POSITIONING	24		24	24		
16	2	148620-53240	SPACER, VALVE STOP	6		6	6		
17	2	126616-53300	RETAINER, SPRING	6		6	6		
18	2	152623-53360	O-RING, VALVE	6		6	6		
19	2	139684-53450	CAP, SCREW	6		6	6		
20	2	23414-120000	GASKET, 12X1.0	12		12	12		
21	2	24311-000420	O-RING, 1AP42.0	6		6	6		

## Fig.80. DRIVING DEVICE(FUEL INJECTION PUMP)



## Remarks

(1)Fig.55 No.12-2(or Fig.131(55A) No.12-2) are interchangeable by set.

A : With identification groove.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

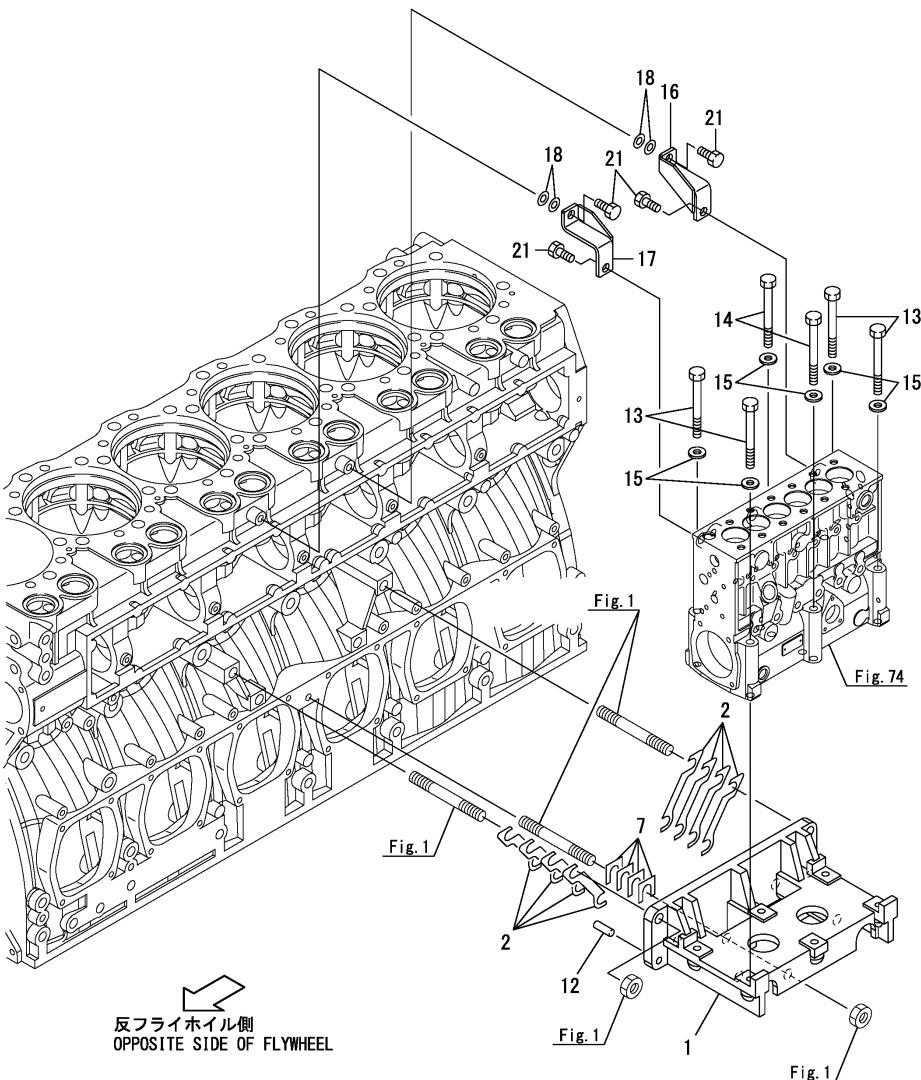
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	748620-54371	DRIVE ASSY, PUMP	1 1 1		
1-1	1	748620-54372	DRIVE ASSY, PUMP (A=E/#5434) (B=E/#5430) (C=E/#5460)	1 1 1	R	
3	2	148620-54391	SHAFT, DRIVE	1 1 1		
3-1	2	148620-54392	SHAFT, PUMP DRIVE (A=E/#5434) (B=E/#5430) (C=E/#5460)	1 1 1	R	
4	2	148620-54420	SPACER, PUMP DRIVE	1 1 1		
5	2	148620-54710	PLATE, PUMP DRIVE	1 1 1		
6	2	24101-063104	BEARING, BALL 6310	1 1 1		
7	2	24101-062104	BEARING, BALL 6210	1 1 1		
8	2	24211-050002	NUT, BEARING 50	1 1 1		
9	2	24231-050000	WASHER, 50	1 1 1		
10	2	24421-405508	SEAL, OIL TC405508	1 1 1		
11	2	26106-100202	BOLT, M10X 20 PLATED	4 4 4		
12	1	148660-54300	GEAR, PUMP	1 1 1		
12-1	1	148660-54320	GEAR ASSY,PUMP DRIVE (A=E/#5150) (B=E/#5188) (C=E/#5173)	1 1 1	R	
12-2	1	148660-54301	GEAR ASSY,PUMP DRIVE (A=E/#6648) (B=E/#6654) (C=E/#6771)	1 1 1	S 1	
13	1	22512-120300	KEY, 12X 30	1 1 1		
14	1	148620-54721	PLATE	1 1 1		
14-1	1	148620-54722	PLATE, PUMP GEAR (A=E/#5015) (B=E/#5017) (C=E/#5078)	1 1 1	R	
15	1	26106-080162	BOLT, M8X 16 PLATED	2 2 2		
16	1	148620-54730	WASHER (A=^2014.08) (B=^2014.08) (C=^2014.08)	1 1 1	Z	
17	1	26772-270002	NUT, LOCK M27	1 1 1		
18	1	22512-100360	KEY, 10X 36	1 1 1		
19	1	148620-54441	GASKET, BEARING	1 1 1		
20	1	148620-54263	COVER	1 1 1		
20-1	1	148620-54264	COVER, DRIVE SHAFT (A=E/#2303) (B=E/#2307) (C=E/#2472)	1 1 1	N	
20-2	1	148620-54265	COVER, DRIVE SHAFT (A=E/#4440) (B=E/#4450) (C=E/#4523)	1 1 1	R	
21	1	26106-100122	BOLT, M10X 12 PLATED	4 4 4		
22	1	148620-54461	PLATE, MOUNTING	1 1 1		
23	1	148620-01490	BOLT, SPACER	2 2 2		
24	1	22137-100000	WASHER, 10	2 2 2		
25	1	26366-100002	NUT, M10	2 2 2		
26	1	26116-120302	BOLT, M12X 30 PLATED	6 6 6		

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.81. BRACKET(FUEL INJECTION PUMP)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

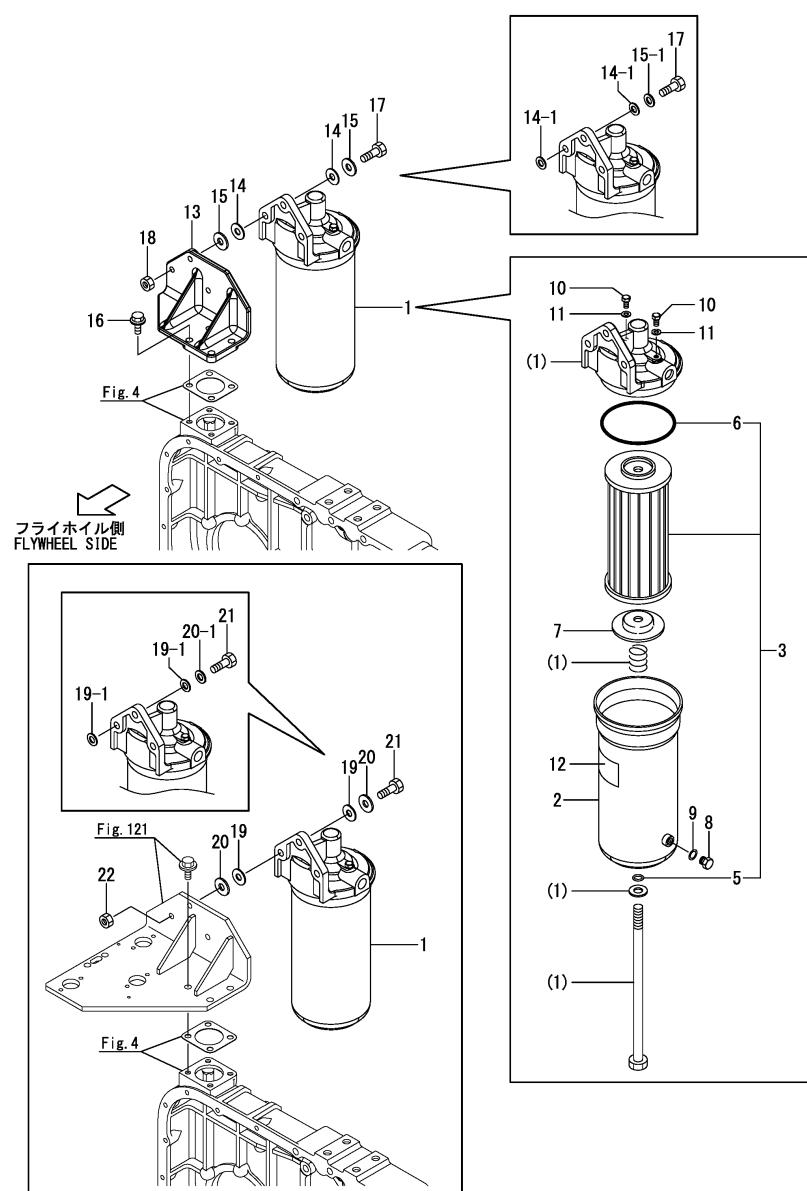
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-54020	BRACKET, PUMP	1	1	1			
2	1	148620-54100	SHIM SET	2	2	2			
7	1	148620-54150	SHIM SET	1	1	1			
12	1	22312-120320	PIN, PARALLEL M12X32	2	2	2			
13	1	26116-121202	BOLT, M12X120 PLATED	4	4	4			
14	1	26116-121152	BOLT, M12X115 PLATED	2	2	2			
15	1	22137-120000	WASHER, 12	6	6	6			
16	1	148620-54481	SUPPORT, FUEL PUMP A	1	1	1			
17	1	148620-54491	SUPPORT, FUEL PUMP B	1	1	1			
18	1	148620-54200	SHIM SET	2	2	2			
21	1	26116-120202	BOLT, M12X 20 PLATED	4	4	4			

## Fig.82. FUEL FILTER(SINGLE)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-55010	STRAINER, FUEL 8M	1 1 1		
2	2	152676-55510	CASE ASSY	1 1 1		
3	2	41650-501140	FILTER, FUEL	1 1 1		
5	3	41650-501160	O-RING, 21X15	1 1 1		
6	3	41650-501170	O-RING, 130	1 1 1		
7	2	41650-501740	RETAINER, SPRING	1 1 1		
8	2	123678-55880	PLUG, M14	1 1 1		
9	2	43400-501170	GASKET	1 1 1		
10	2	123672-55750	PLUG, DRAIN M8	2 2 2		
11	2	43400-500410	SEAL WASHER 8S	2 2 2		
11-1	2	22190-080002	WASHER, SEAL 8	2 2 2		
		(A=2016.05) (B=2016.05) (C=2016.05)			R	
12	2	41650-501180	LABEL, CAUTION	1 1 1		
13	1	148620-55201	SUPPORT, STRAINER	1 1 1		
14	1	127612-55850	PAD, CUSHION	6 6 6		
14-1	1	148690-55100	RUBBER, CUSHION (A=E/#6644) (B=E/#6635) (C=E/#6636)	6 6 6	S 2	
15	1	137600-71040	RETAINER, SPRING	6 6 6		
15-1	1	22137-120000	WASHER, 12 (A=E/#6644) (B=E/#6635) (C=E/#6636)	3 3 3	S 2	
16	1	26106-100252	BOLT, M10X 25 PLATED	4 4 4		
17	1	26206-120452	BOLT, M12X 45 PLATED	3 3 3		
18	1	26756-120002	NUT, LOCK M12	3 3 3		
19	1	127612-55850	PAD, CUSHION	6 6 6	1	
19-1	1	148690-55100	RUBBER, CUSHION (A=E/#6644) (B=E/#6635) (C=E/#6636)	6 6 6	S 3	
20	1	137600-71040	RETAINER, SPRING	6 6 6	1	
20-1	1	22137-120000	WASHER, 12 (A=E/#6644) (B=E/#6635) (C=E/#6636)	3 3 3	S 3	
21	1	26206-120452	BOLT, M12X 45 PLATED	3 3 3	1	
22	1	26756-120002	NUT, LOCK M12	3 3 3	1	

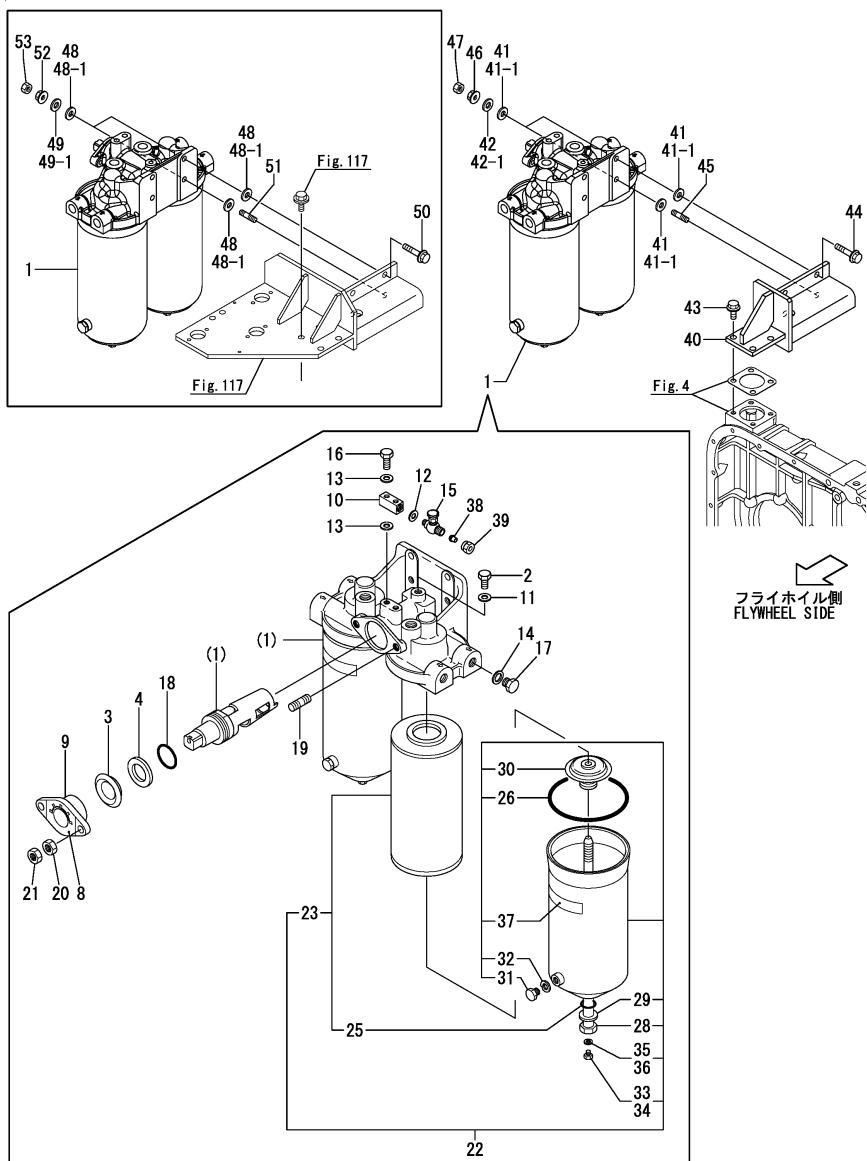
## Remarks

- (1) Engine attached instrument panel specification.
- (2) No.14-1 & 15-1 are interchangeable by set.
- (3) No.19-1 & 20-1 are interchangeable by set.

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.83. FUEL FILTER(DUPLEX)



## Remarks

- (1)Loose parts.
- (2)Engine attached instrument panel specification.
- (3)Interchangeable by simultaneous replacement with No.41-1 & 42-1.
- (4)No.48-1 & 49-1 are interchangeable by set.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

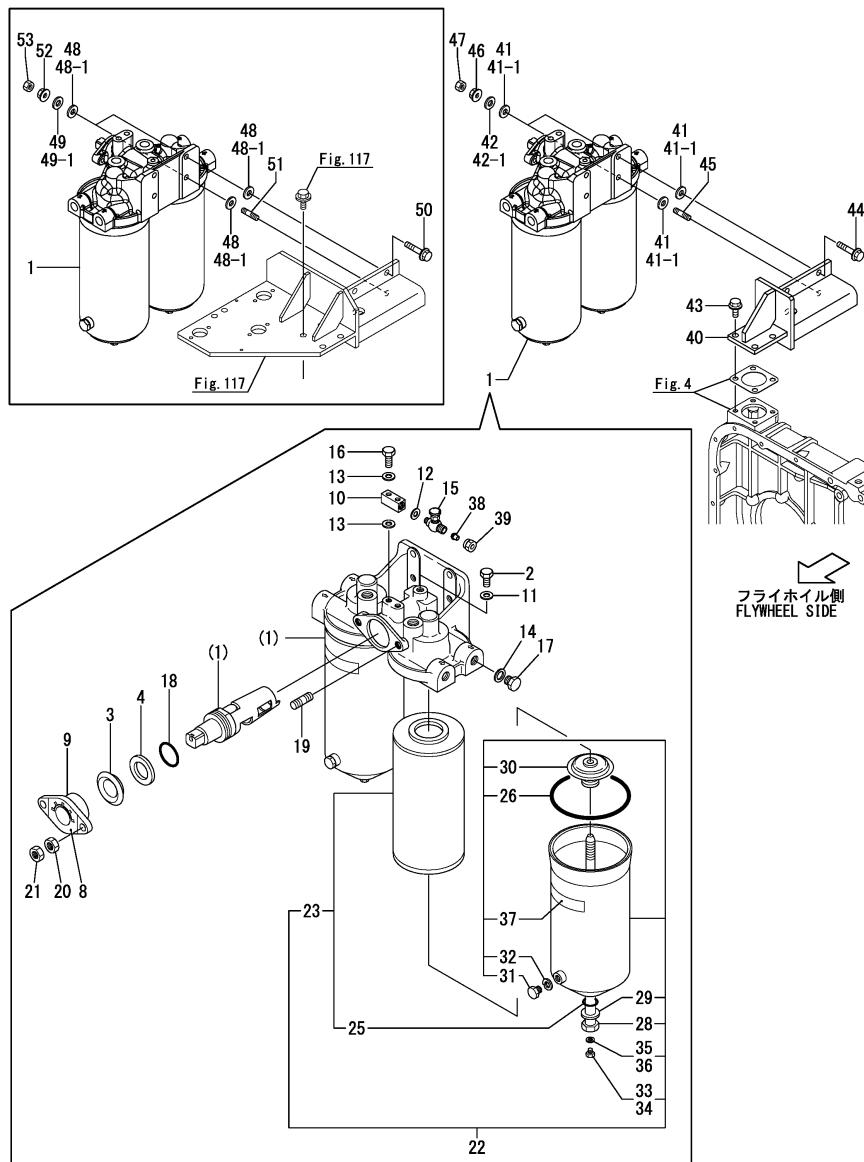
No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	748640-55100	STRAINER ASSY, FUEL	1	1	1			
2	2	125600-02451	BOLT, STOPPING M10	1	1	1			
3	2	137600-35310	PACKING, COCK	1	1	1			
4	2	137600-35330	WASHER, COCK	1	1	1			
8	2	148619-55520	LABEL, FUEL COCK	1	1	1			
9	2	148619-55530	GLAND, PACKING	1	1	1			
10	2	43570-552130	JOINT, AIR VENT	1	1	1			
11	2	23414-100000	GASKET, 10X1.0	1	1	1			
12	2	23414-100000	GASKET, 10X1.0	1	1	1			
13	2	23414-120000	GASKET, 12X1.0	4	4	4			
14	2	23414-200000	GASKET, 20X1.0	2	2	2			
15	2	43600-006951	VALVE, NEEDLE	1	1	1			
16	2	43510-550590	BOLT, BALL JOINT	2	2	2			
17	2	23887-200002	PLUG, 20	2	2	2			
18	2	24311-000400	O-RING, 1AP40.0	1	1	1			
19	2	26226-100382	STUD, M10X 38	2	2	2			
20	2	26706-100002	NUT, M10	2	2	2			
21	2	26796-100002	NUT, LOCK M10	2	2	2			
22	2	41650-501120	ELEMENT ASSY, FUEL	2	2	2			
23	3	41650-501140	FILTER, FUEL	2	2	2			
25	4	41650-501160	O-RING, 21X15	2	2	2			
26	4	41650-501170	O-RING, 130	2	2	2			
28	3	41650-501150	BOLT	2	2	2			
29	3	X03071607152	WASHER	2	2	2			
30	3	X2772311701	RETAINER ASSY	2	2	2			
31	3	123678-55880	PLUG, M14	2	2	2			
32	3	22190-140002	WASHER, SEAL 14	2	2	2			
33	3	123672-55750	PLUG, DRAIN M8	2	2	2			
34	3	123672-55750	PLUG, DRAIN M8	4	4	4			1
35	3	22190-080002	WASHER, SEAL 8	2	2	2			
36	3	22190-080002	WASHER, SEAL 8	4	4	4			1
37	3	41650-501180	LABEL, CAUTION	2	2	2			
38	2	23311-060001	JOINT, 6	1	1	1			
39	2	23821-060001	NUT, CAP 6	1	1	1			
40	1	148690-55200	SUPPORT, STRAINER	1	1	1			
41	1	127612-55850	PAD, CUSHION	8	8	8			
41-1	1	148690-55100	RUBBER, CUSHION	8	8	8			S 3
		(A=E/#6644) (B=E/#6635) (C=E/#6636)							
42	1	137600-71040	RETAINER, SPRING	4	4	4			
42-1	1	22137-120000	WASHER, 12	4	4	4			S 3
		(A=E/#6644) (B=E/#6635) (C=E/#6636)							
43	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4			
44	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2			
45	1	26216-100402	STUD, M10X 40	2	2	2			
46	1	26366-100002	NUT, M10	4	4	4			
47	1	26756-100002	NUT, LOCK M10	4	4	4			
48	1	127612-55850	PAD, CUSHION	8	8	8			2
48-1	1	148690-55100	RUBBER, CUSHION	8	8	8			S 4
		(A=E/#6644) (B=E/#6635) (C=E/#6636)							
49	1	137600-71040	RETAINER, SPRING	4	4	4			2
49-1	1	22137-120000	WASHER, 12	4	4	4			S 4

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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## Fig.83. FUEL FILTER(DUPLEX)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

- (1)Loose parts.
- (2)Engine attached instrument panel specification.
- (3)Interchangeable by simultaneous replacement with No.41-1 & 42-1.
- (4)No.48-1 & 49-1 are interchangeable by set.

No.	Lev.	Parts No.	Description	Q'ty	I	R
			(A) (B) (C) (D) (E) (F)			
			(A=E/#6644) (B=E/#6635) (C=E/#6636)			
50	1	26106-100502	BOLT, M10X 50 PLATED	2	2	2
51	1	26216-100402	STUD, M10X 40	2	2	2
52	1	26366-100002	NUT, M10	4	4	4
53	1	26756-100002	NUT, LOCK M10	4	4	4

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

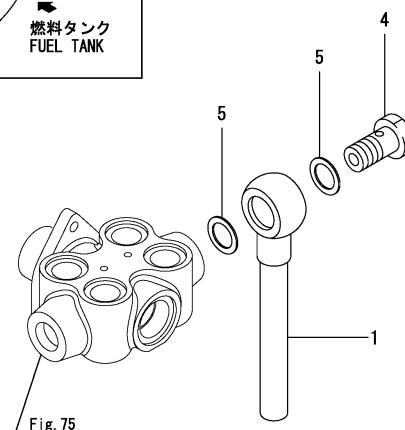
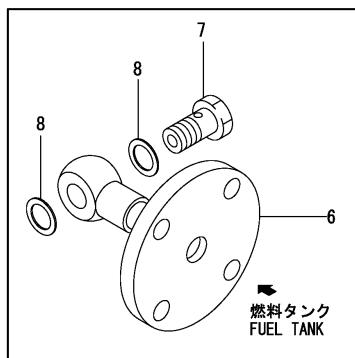
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Fig.84. FUEL PIPE(PUMP INLET)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148616-59050	PIPE ASSY, ENG.INLET	1 1 1		
4	1	23857-150000	BOLT, JOINT 15	1 1 1		
5	1	23414-200000	GASKET, 20X1.0	2 2 2		
6	1	148620-59250	JOINT, INLET PIPE	1 1 1	1	
7	1	23857-150000	BOLT, JOINT 15	1 1 1	1	
8	1	23414-200000	GASKET, 20X1.0	2 2 2	1	



## Remarks

(1)Ships classification parts.

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

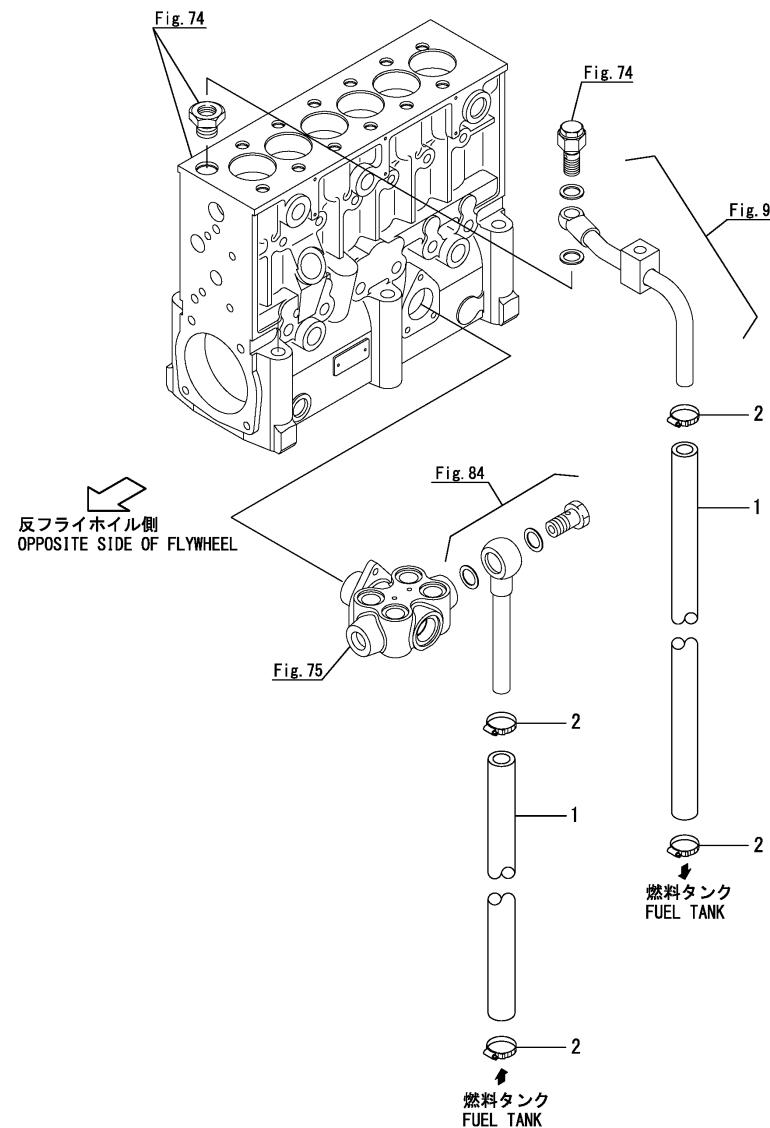
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## Fig.85. FUEL PIPE(INLET/OUTLET)

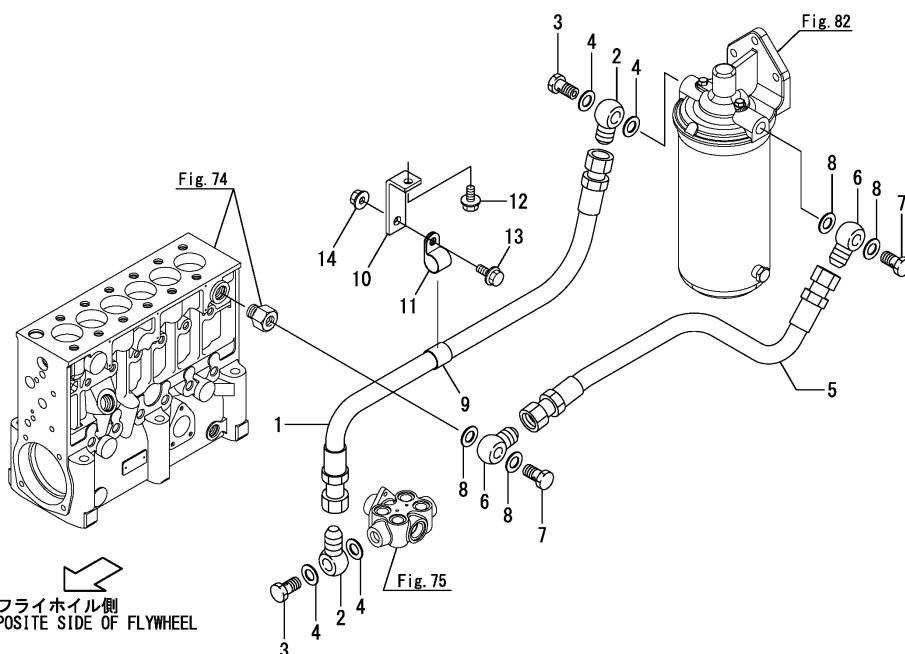
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128633-59240	PIPE, TANK-PUMP	2	2	2			
2	1	43730-552121	CLIP, HOSE 29	4	4	4			



## Fig.86. FUEL PIPE(PUMP - FILTER)(SINGLE)

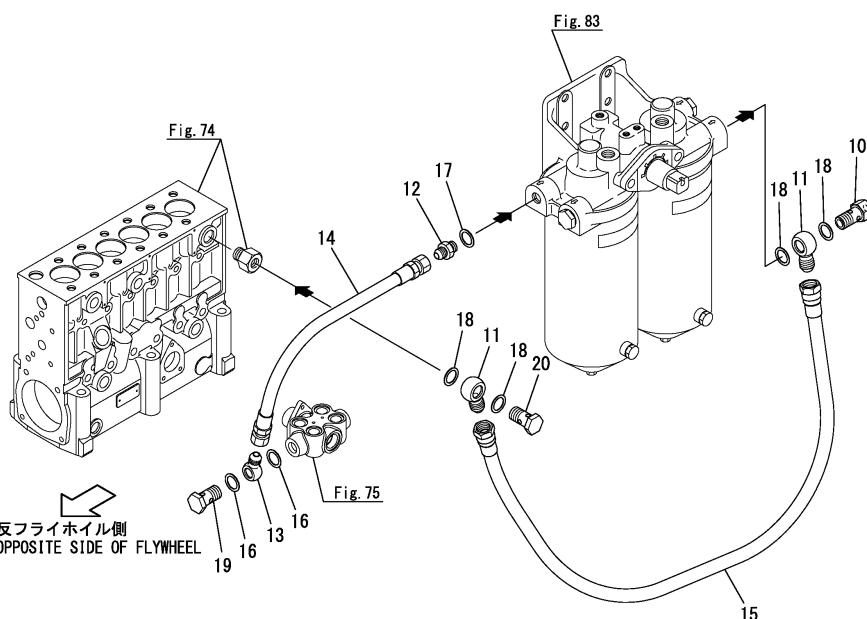
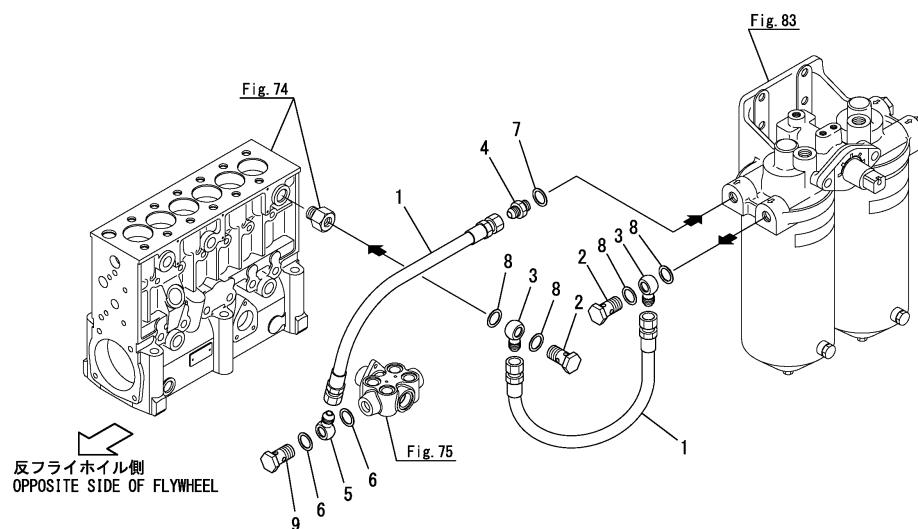


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148690-59390	HOSE, RUBBER L=700	1 1 1		
2	1	148616-59340	JOINT, PIPE PF4 M20	2 2 2		
3	1	23857-150000	BOLT, JOINT 15	2 2 2		
4	1	23414-200000	GASKET, 20X1.0	4 4 4		
5	1	148690-59380	HOSE, RUBBER L=500	1 1 1		
6	1	148640-59050	JOINT, PIPE	2 2 2		
7	1	148640-59040	BOLT, PIPE JOINT	2 2 2		
7-1	1	23857-150000	BOLT, JOINT 15	2 2 2	N	
		(A=*2014.02) (B=*2014.02) (C=*2014.02)				
8	1	23414-200000	GASKET, 20X1.0	4 4 4		
9	1	148620-39840	RUBBER, ABSORBER	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				
10	1	148690-59950	SUPPORT	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				
11	1	23297-220081	CLAMP, A22X 8	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				
12	1	26106-080162	BOLT, M8X 16 PLATED	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				
13	1	26106-080202	BOLT, M8X 20 PLATED	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				
14	1	26366-080002	NUT, M8	1 1 1	W	
		(A=E/#4956) (B=E/#4954) (C=E/#5078)				

## Fig.87. FUEL PIPE(PUMP - FILTER)(DUPLEX)



## Remarks

(1)RNA inspection parts.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

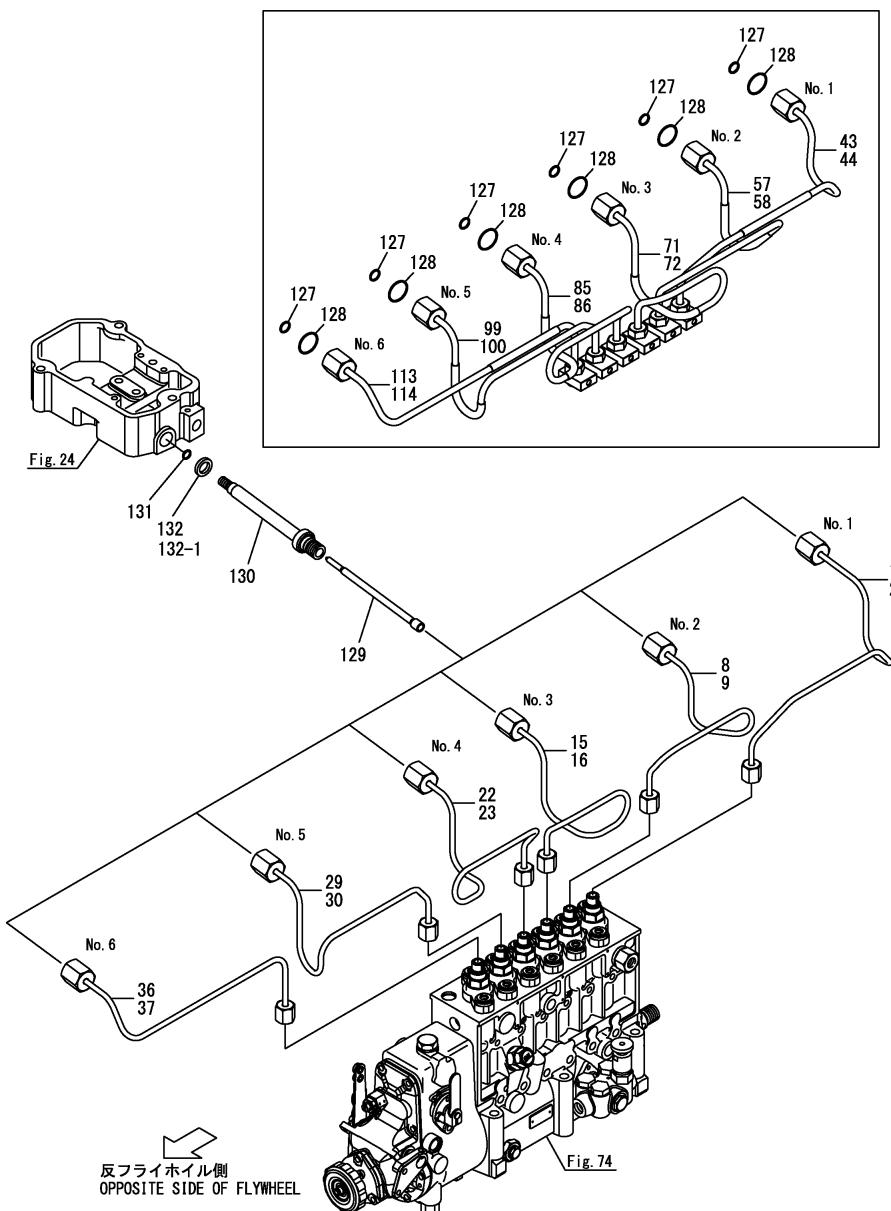
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148690-59380	HOSE, RUBBER L=500	2	2	2
2	1	148640-59040	BOLT,PIPE JOINT	2	2	2
2-1	1	23857-150000	BOLT, JOINT 15	2	2	2
					N	
3	1	148640-59050	(A=*2014.02) (B=*2014.02) (C=*2014.02) JOINT, PIPE	2	2	2
4	1	148816-59320	UNION	1	1	1
5	1	148616-59340	JOINT, PIPE PF4 M20	1	1	1
6	1	23414-200000	GASKET, 20X1.0	2	2	2
7	1	23414-200000	GASKET, 20X1.0	1	1	1
8	1	23414-200000	GASKET, 20X1.0	4	4	4
9	1	23857-150000	BOLT, JOINT 15	1	1	1
10	1	147684-39510	BOLT, PIPE JOINT M15	1	1	1
					W 1	
11	1	148640-59050	(A=E/#6765) (B=E/#7155) (C=*2018.12) JOINT, PIPE	2	2	2
12	1	148816-59320	(A=E/#6765) (B=E/#7155) (C=*2018.12) UNION	1	1	1
13	1	148616-59340	(A=E/#6765) (B=E/#7155) (C=*2018.12) JOINT, PIPE PF4 M20	1	1	1
14	1	148690-59400	(A=E/#6765) (B=E/#7155) (C=*2018.12) HOSE, RUBBER L520	1	1	1
15	1	148690-59410	(A=E/#6765) (B=E/#7155) (C=*2018.12) HOSE, RUBBER L1100	1	1	1
16	1	23414-200000	(A=E/#6765) (B=E/#7155) (C=*2018.12) GASKET, 20X1.0	2	2	2
17	1	23414-200000	(A=E/#6765) (B=E/#7155) (C=*2018.12) GASKET, 20X1.0	1	1	1
18	1	23414-200000	(A=E/#6765) (B=E/#7155) (C=*2018.12) GASKET, 20X1.0	4	4	4
19	1	23857-150000	(A=E/#6765) (B=E/#7155) (C=*2018.12) BOLT, JOINT 15	1	1	1
20	1	23857-150000	(A=E/#6765) (B=E/#7155) (C=*2018.12) BOLT, JOINT 15	1	1	1

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.88. FUEL INJECTION PIPE



## Remarks

- (1)Double-walled specification.  
 (2)with cut , When disassembling around the cylinder head such as during heavy maintenance  
 no cut , When servicing only the fuel injection valve

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

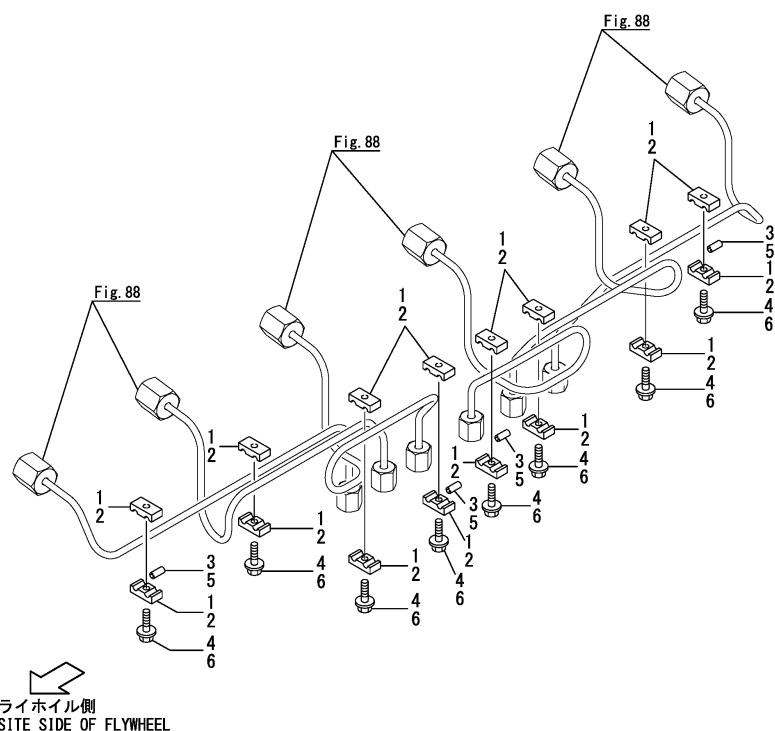
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148690-59030	PIPE, INJECTION NO.1	1	1				
2	1	148690-59210	PIPE, INJECTION NO.1				1		
8	1	148690-59040	PIPE, INJECTION NO.2	1	1				
9	1	148690-59220	PIPE, INJECTION NO.2				1		
15	1	148690-59050	PIPE, INJECTION NO.3	1	1				
16	1	148690-59230	PIPE, INJECTION NO.3				1		
22	1	148690-59060	PIPE, INJECTION NO.4	1	1				
23	1	148690-59240	PIPE, INJECTION NO.4				1		
29	1	148690-59070	PIPE, INJECTION NO.5	1	1				
30	1	148690-59250	PIPE, INJECTION NO.5				1		
36	1	148690-59080	PIPE, INJECTION NO.6	1	1				
37	1	148690-59260	PIPE, INJECTION NO.6				1		
43	1	148690-59510	PIPE, INJECTION NO.1	1	1				1
44	1	148665-59310	PIPE, INJECTION NO.1				1		1
57	1	148690-59520	PIPE, INJECTION NO.2	1	1				1
58	1	148665-59320	PIPE, INJECTION NO.2				1		1
71	1	148690-59530	PIPE, INJECTION NO.3	1	1				1
72	1	148665-59330	PIPE, INJECTION NO.3				1		1
85	1	148690-59540	PIPE, INJECTION NO.4	1	1				1
86	1	148665-59340	PIPE, INJECTION NO.4				1		1
99	1	148690-59550	PIPE, INJECTION NO.5	1	1				1
100	1	148665-59350	PIPE, INJECTION NO.5				1		1
113	1	148690-59560	PIPE, INJECTION NO.6	1	1				1
114	1	148665-59360	PIPE, INJECTION NO.6				1		1
127	1	24341-000140	O-RING, 1AS14.0	6	6	6			1
128	1	24316-000220	O-RING, 4DP22.0	6	6	6			1
129	1	148620-59490	JOINT, PIPE	6	6	6			
130	1	148620-59471	NUT, INJECTION PIPE	6	6	6			
130-1	1	148620-59472	NUT, INJECTION PIPE	6	6	6			R
		(A=E/#5231)	(B=E/#4966)	(C=E/#5273)					
130-2	1	148620-59473	NUT, INJECTION PIPE	6	6	6			R
		(A= *2011.081)	(B= *2011.081)	(C= *2011.081)					
131	1	24316-000140	O-RING, 4DP14.0	6	6	6			
132	1	148961-59440	GASKET, JOINT	6	6	6			2
132-1	1	148620-59443	GASKET, JOINT	6	6	6			F 2
		(A= *2019.12.)	(B= *2019.12.)	(C= *2019.12.)					

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.89. SUPPORT(FUEL INJECTION PIPE)



## Remarks

(1)Double-walled specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

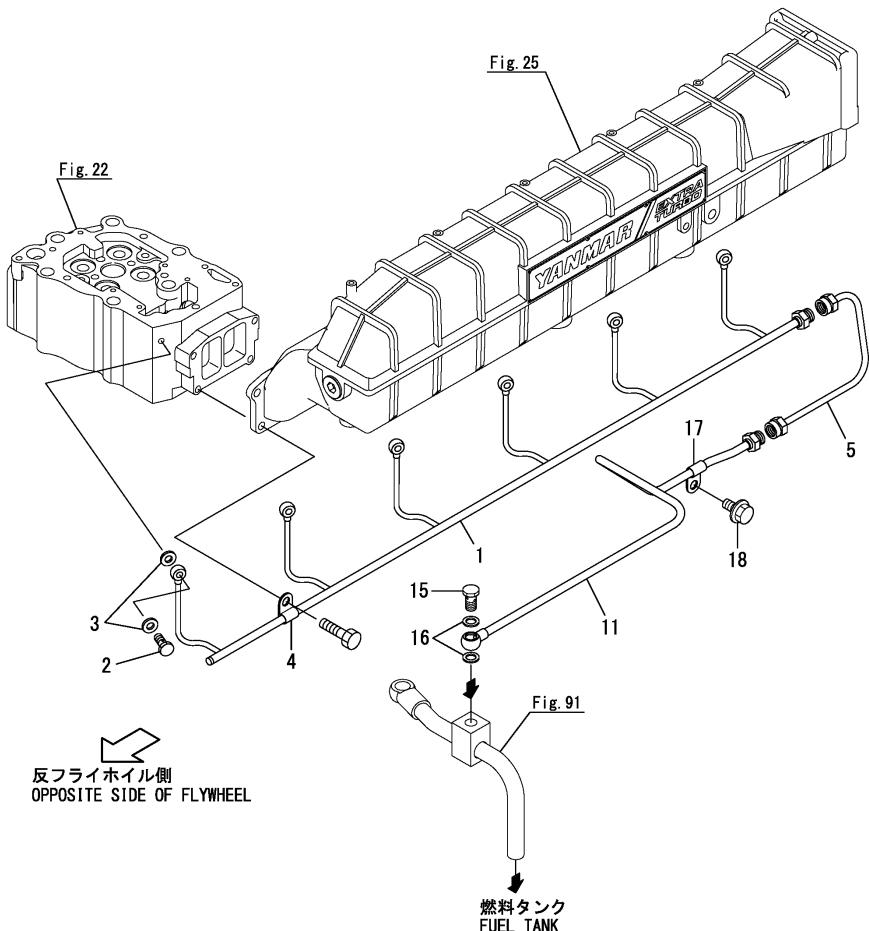
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	152623-59560	SUPPORT	16 16 16		
2	1	152672-59560	SUPPORT, 10	16 16 16	1	
3	1	152623-59990	PIPE, STEEL 8	4 4 4		
4	1	26106-080302	BOLT, M8X 30 PLATED	8 8 8		
5	1	22312-100200	PIN, PARALLEL M10X20	4 4 4	1	
6	1	26106-080302	BOLT, M8X 30 PLATED	8 8 8		1

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.90. FUEL OVERFLOW PIPE(FUEL INJECTION VALVE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

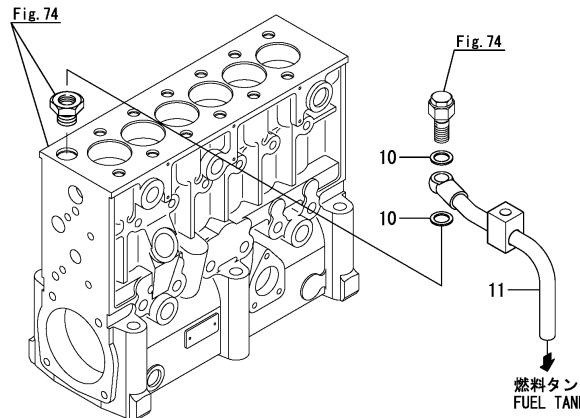
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-59910	PIPE, OVERFLOW MAIN	1	1	1			
2	1	23857-060000	BOLT, JOINT 6	6	6	6			
3	1	23414-120000	GASKET, 12X1.0	12	12	12			
4	1	23297-100121	CLAMP, A10X12	6	6	6			
5	1	148620-59951	PIPE, OVERFLOW A	1	1	1			
11	1	148620-59942	PIPE, OVERFLOW C	1	1	1			
15	1	23857-060000	BOLT, JOINT 6	1	1	1			
16	1	23414-120000	GASKET, 12X1.0	2	2	2			
17	1	23297-080081	CLAMP, A8X 8	1	1	1			
18	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1			

## Fig.91. FUEL PIPE(INJECTION PUMP RETURN)

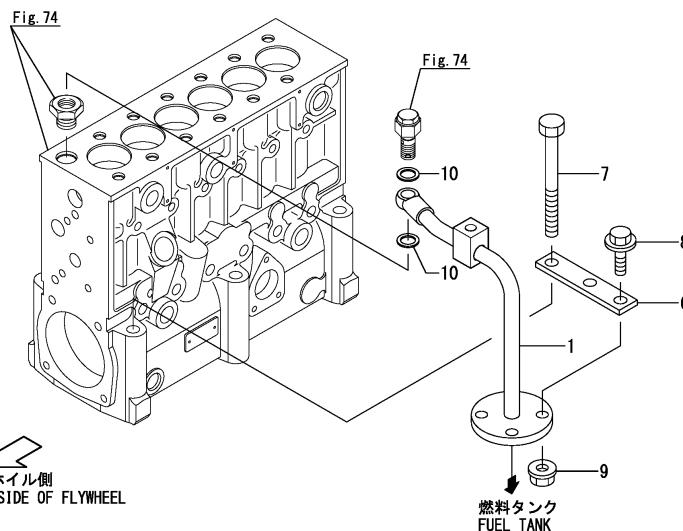
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148620-59101	PIPE, PUMP RETURN	1 1 1		1
6	1	148620-59070	SUPPORT, FUEL RETURN	1 1 1		1
7	1	26116-121252	BOLT, M12X125 PLATED	1 1 1		1
8	1	26106-100352	BOLT, M10X 35 PLATED	2 2 2		1
9	1	26366-100002	NUT, M10	2 2 2		1
10	1	135310-59930	PACKING, 14	2 2 2		
11	1	148690-59110	PIPE, PUMP RETURN	1 1 1		2



反フライホイール側  
OPPOSITE SIDE OF FLYWHEEL



反フライホイール側  
OPPOSITE SIDE OF FLYWHEEL

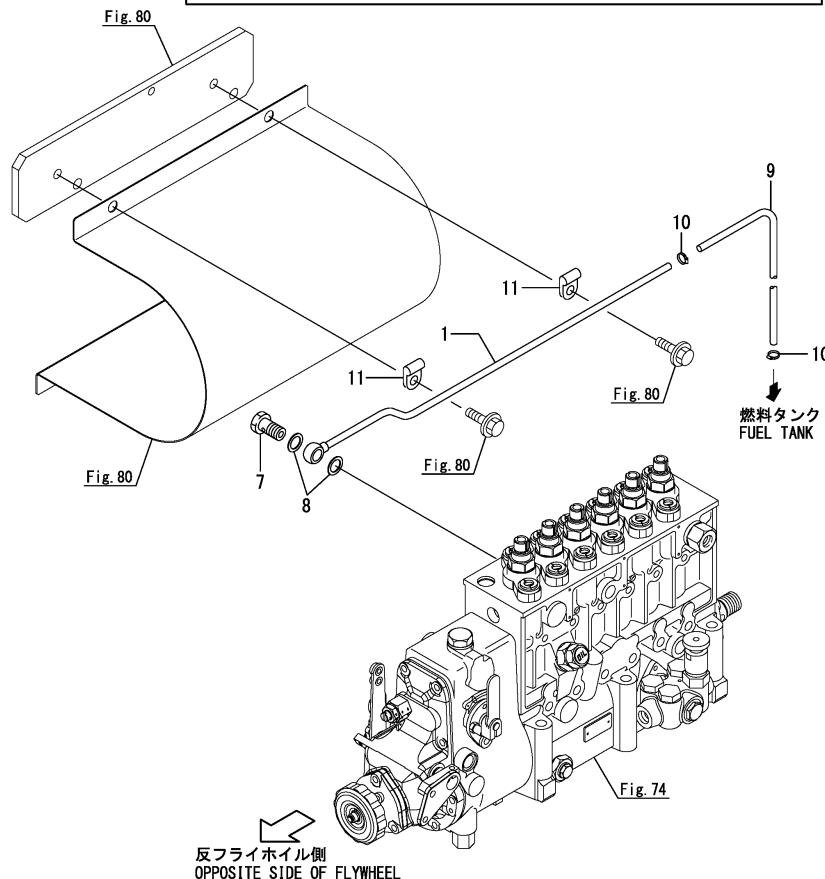
## Remarks

- (1)Ships classification parts.
- (2)Yanmar standard inspection parts.

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

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## Fig.92. FUEL OVERFLOW PIPE(FUEL INJECTION PUMP)



## Remarks

(1)Double-walled fuel injection pipe specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	148690-59920	PIPE, OVERFLOW	1	1	1		
7	1	23857-060000	BOLT, JOINT 6	1	1	1		
8	1	23414-120000	GASKET, 12X1.0	2	2	2		
9	1	126683-59900	HOSE, RUBBER L=650	1	1	1		
10	1	23000-013000	CLAMP, 13	2	2	2		
11	1	23297-060121	CLAMP, A6X12	2	2	2		
12	1	148620-59920	PIPE, OVERFLOW	1	1	1		1
13	1	23297-060121	CLAMP, A6X12	2	2	2		1
14	1	23311-060001	JOINT, 6	1	1	1		1
15	1	23414-120000	GASKET, 12X1.0	2	2	2		1
16	1	23821-060001	NUT, CAP 6	1	1	1		1
17	1	23857-060000	BOLT, JOINT 6	1	1	1		1

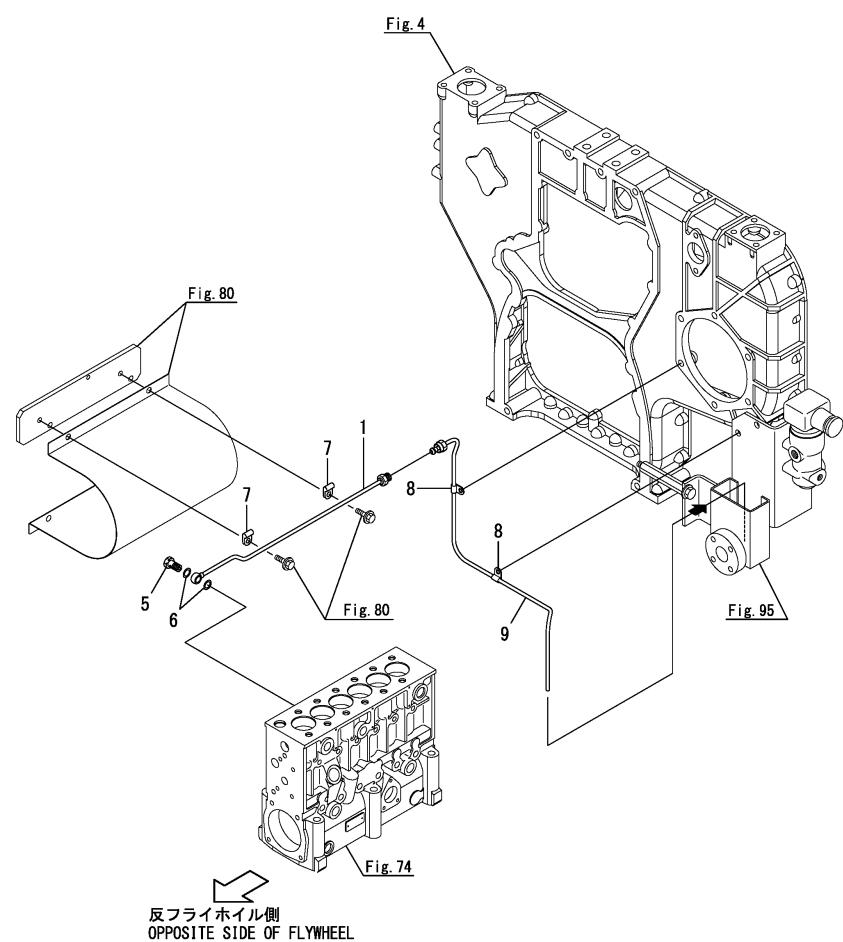
N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.93. FUEL OVERFLOW PIPE(FUEL INJECTION PUMP)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	148620-59920	PIPE, OVERFLOW	1	1	1		
5	1	23857-060000	BOLT, JOINT 6	1	1	1		
6	1	23414-120000	GASKET, 12X1.0	2	2	2		
7	1	23297-060121	CLAMP, A6X12	2	2	2		
8	1	23297-060121	CLAMP, A6X12	2	2	2		
9	1	43711-097371	FO PIPE	1	1	1		

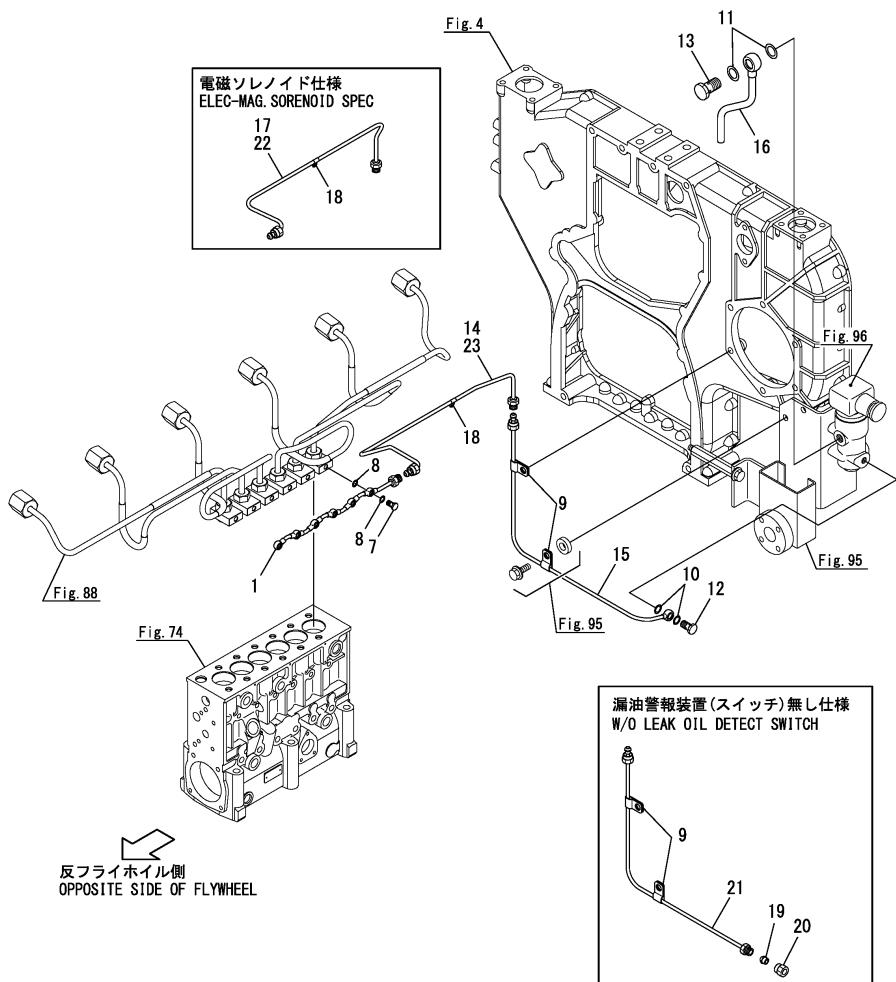
## Remarks

\* Exclusive figure for double-walled fuel injection pipe specification.

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.94. FUEL OVERFLOW PIPE(DOUBLE INJECTION PIPE)



## Remarks

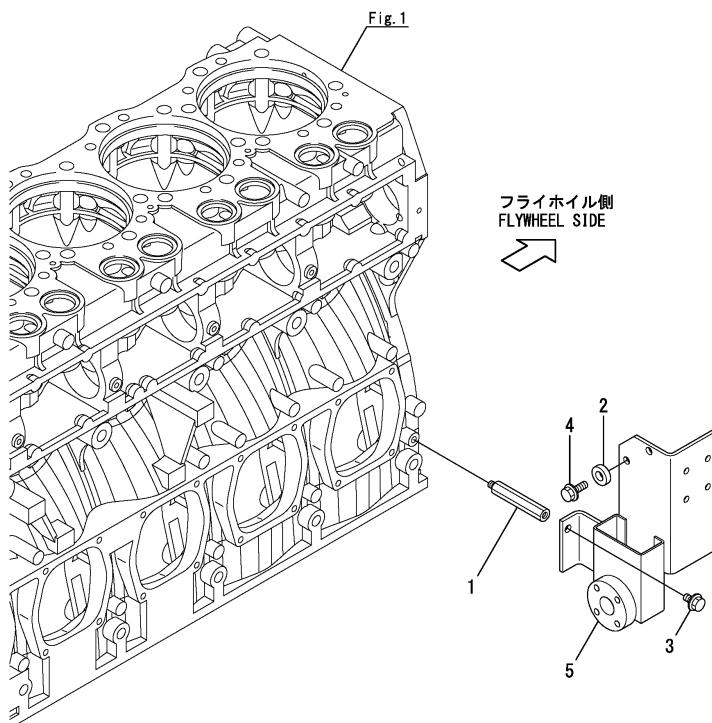
- \* Exclusive figure for double-walled fuel injection pipe specification.
- (1)Motor solenoid spec.
- (2)Electric magnet solenoid spec.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148640-59930	PIPE, OVERFLOW	1	1	1			
7	1	23857-030000	BOLT, JOINT 3	6	6	6			
8	1	23414-080000	GASKET, 8X1.0	12	12	12			
9	1	43730-014240	FITTING, CLAMP 6X2	2	2	2			
10	1	23414-120000	GASKET, 12X1.0	2	2	2			
11	1	23414-160000	GASKET, 16X1.0	2	2	2			
12	1	23857-060000	BOLT, JOINT 6	1	1	1			
13	1	23857-100000	BOLT, JOINT 10	1	1	1			
14	1	43711-098690	PIPE, OVERFLOW A	1	1				1
15	1	43711-097390	PIPE, OVERFLOW B	1	1	1			
16	1	43711-097401	PIPE, OVERFLOW FUEL	1	1	1			
17	1	43711-098090	PIPE, OVERFLOW A	1	1				2
18	1	23297-060121	CLAMP, A6X12	1	1	1			
19	1	23311-060001	JOINT, 6	1	1	1			
20	1	23821-060001	NUT, CAP 6	1	1	1			
21	1	43711-103600	PIPE, FUEL OIL	1	1	1			
22	1	43711-103530	PIPE			1			2
23	1	43711-103610	PIPE, FUEL OIL			1			1

## Fig.95. FUEL OVERFLOW TANK



(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

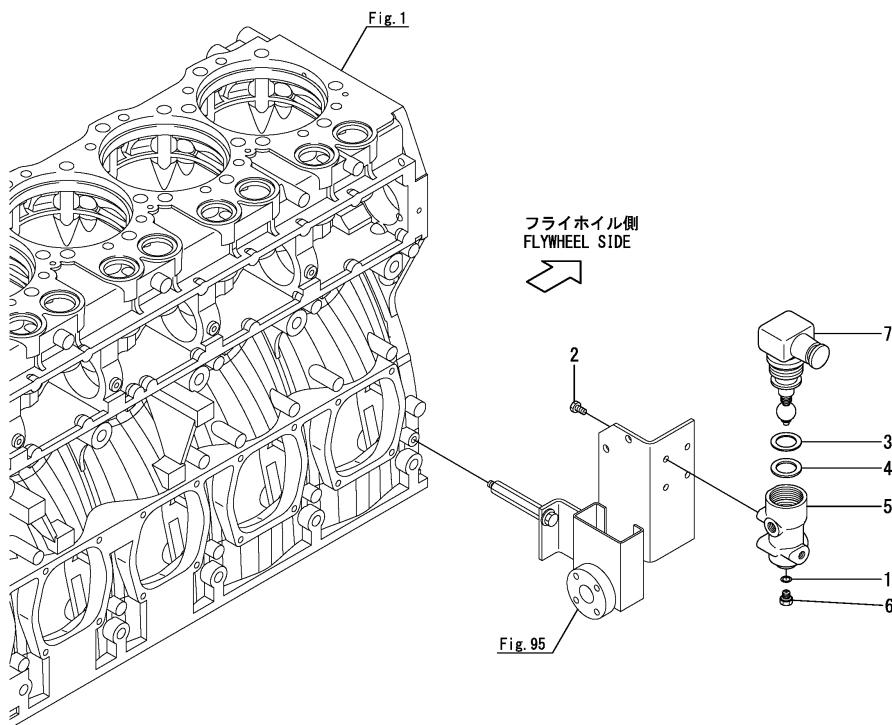
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	133615-09110	BOLT, SPACER	1	1	1			
2	1	126683-77250	SPACER, ALTERNATOR	1	1	1			
3	1	26106-100182	BOLT, M10X 18 PLATED	2	2	2			
4	1	26106-100282	BOLT, M10X 28 PLATED	1	1	1			
5	1	43230-027842	TANK, OVERFLOW	1	1	1			

## Remarks

\* Exclusive figure for double-walled fuel injection pipe specification.

## Fig.96. FUEL OVERFLOW ALARM



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	23414-080000	GASKET, 8X1.0	1	1	1			
2	1	26206-080162	BOLT, M8X 16 PLATED	4	4	4			
3	1	43230-014360	GASKET, FLOAT SWITCH	1	1	1			
4	1	43230-014440	WASHER, SWITCH T=3	1	1	1			
5	1	43230-027850	TANK, OVERFLOW	1	1	1			
6	1	43590-006870	PLUG, AIR VENT M8	1	1	1			
7	1	46111-018771	SWITCH, FLOAT	1	1	1			

## Remarks

\* Exclusive figure for double-walled fuel injection pipe specification.

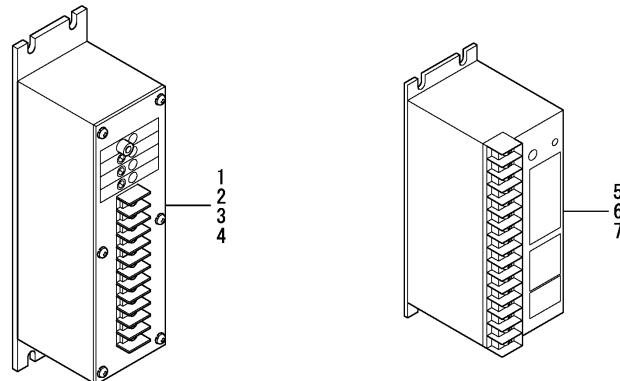
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.97. SPEED RELAY

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty			I R
				(A)	(B)	(C)	
1	1	46111-045610	RELAY, SPEED	1			
2	1	46111-045620	RELAY, SPEED	1			
3	1	46111-045630	RELAY, SPEED	1	1		
4	1	46111-045640	RELAY, SPEED				1
5	1	46111-045600	RELAY, SPEED	1	1		
6	1	46111-045960	RELAY, SPEED				1
7	1	46111-047970	RELAY, SPEED	1			

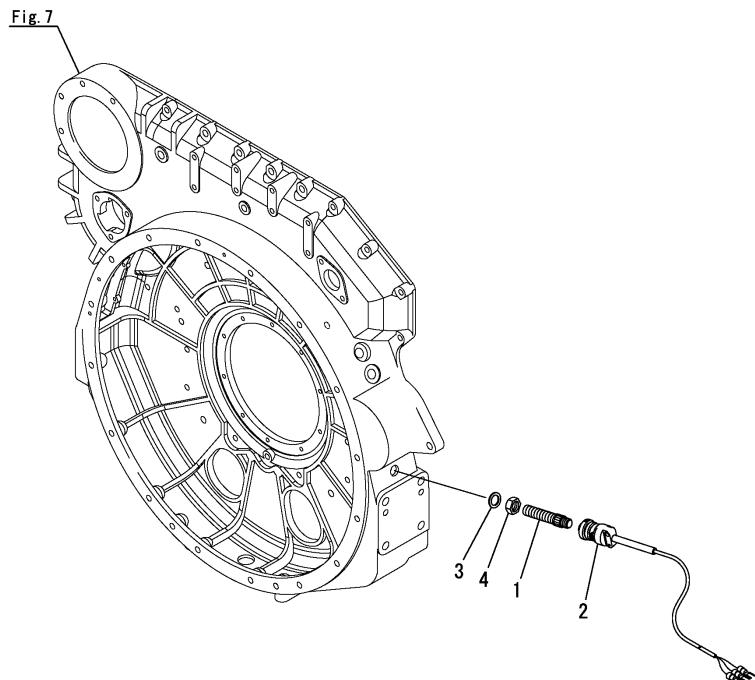
見出し No	部品番号	設定値(機関 $\text{min}^{-1}$ )			定格回転数 ( $\text{min}^{-1}$ )
		14a	13a	12a	
1	46111-045610	400	1306	1813	1537
2	46111-045620	400	1564	2171	1840
3	46111-045630	400	1615	2242	1900
4	46111-045640	400	1647	2286	1938
5	46111-045600	400	1615	2242	1900
6	46111-045960	400	1647	2286	1938
7	46111-047970	400	1564	2171	1840

## Fig.98. MAGNETIC PICKUP

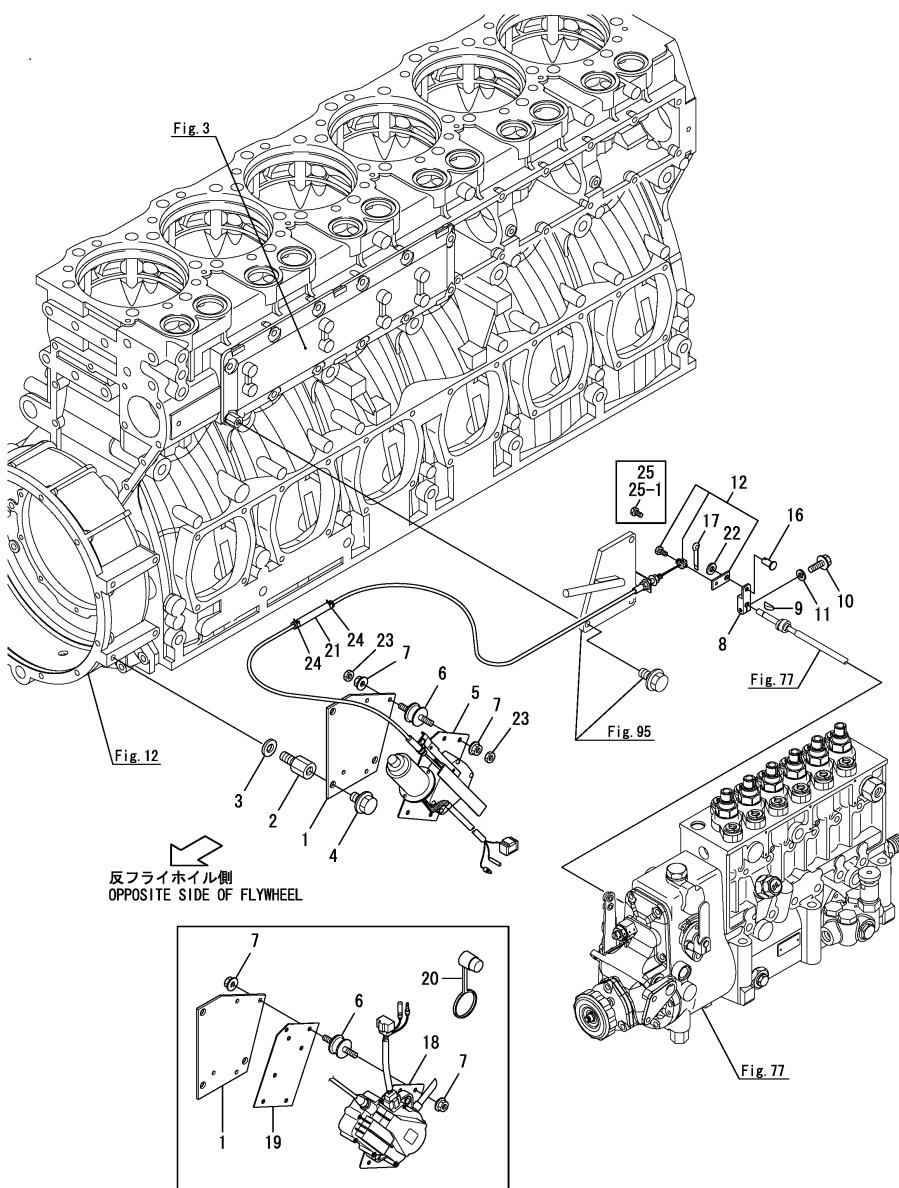
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	46150-026100	PICKUP, MAGNETIC	1	1	1			
2	1	46150-049971	HARNESS	1	1	1			
3	1	23414-160000	GASKET, 16X1.0	1	1	1			
4	1	45511-006890	NUT, 5/8-18UNF	1	1	1			



## Fig.99. ENGINE STOP DEVICE(MOTOR SOLENOID)



## Remarks

- (1)Earth type.  
(2)Earth float type(Optional parts).

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

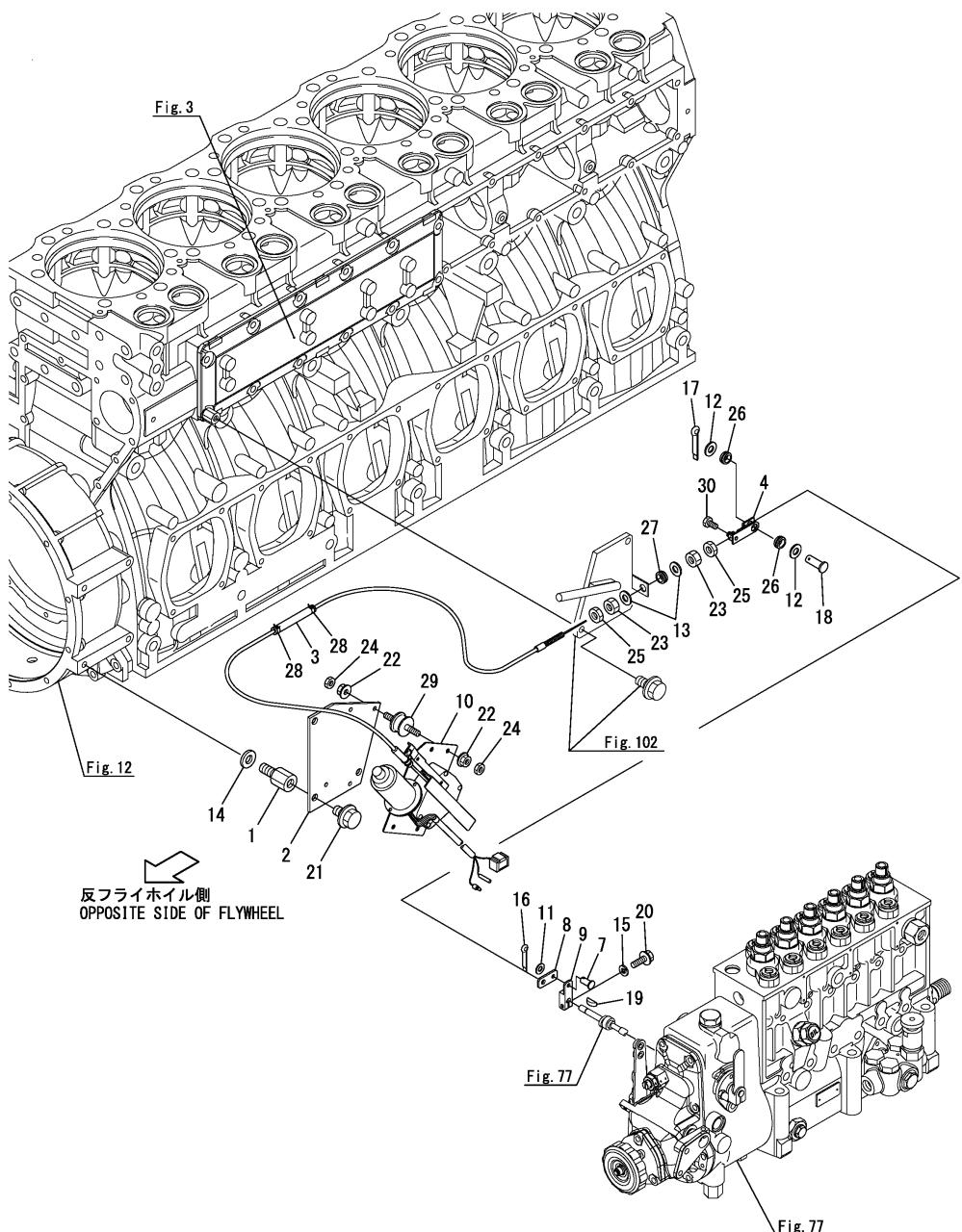
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148690-65460	BRACKET, SOLENOID	1 1 1		
2	1	148660-59170	BOLT, SPACER M10	3 3 3		
3	1	22137-100000	WASHER, 10	3 3 3		
4	1	26106-100162	BOLT, M10X 16 PLATED	3 3 3		
5	1	124411-67830	STOPPER ASSY, ENGINE	1 1 1	1	
6	1	41411-001581	RUBBER, CUSHION	4 4 4		
7	1	26366-060002	NUT, M6	8 8 8		
8	1	126616-67300	LEVER	1 1 1		
8-1	1	126616-67301	LEVER, ENGINE STOP	1 1 1		R
		(A=E/#5101) (B=E/#5038) (C=E/#5099)				
9	1	22522-030100	KEY, WOODRUFF 3X10	1 1 1		
10	1	26106-060202	BOLT, M6X 20 PLATED	1 1 1		
11	1	22217-060000	WASHER, SPRING 6	1 1 1		
12	1	126650-66270	JOINT ASSY	1 1 1		
16	1	126650-66260	PIN, 6X12.5	1 1 1		
17	1	22417-160100	COTTER PIN	1 1 1		
18	1	46150-571360	MOTOR, STOP	1 1 1	2	
19	1	42215-581470	PLATE, SOLENOID	1 1 1	2	
20	1	46150-571380	CAP, RUBBER	1 1 1	2	
21	1	148690-65500	ABSORBER	1 1 1		
22	1	22137-060000	WASHER, 6	1 1 1		
23	1	26756-060002	NUT, LOCK M6	8 8 8		
24	1	29621-100000	BAND, TR100	2 2 2		
25	1	104104-66990	SCREW	1 1 1		W
		(A=E/#2718) (B=E/#2865) (C=E/#2751)				
25-1	1	104104-66990	SCREW	1 1 1		Z
		(A=2021.12) (B=2021.12) (C=2021.12)				

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.100. ENGINE STOP DEVICE(MOTOR SOLENOID)(YANMAR STANDARD INSPECTION &amp; NK)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

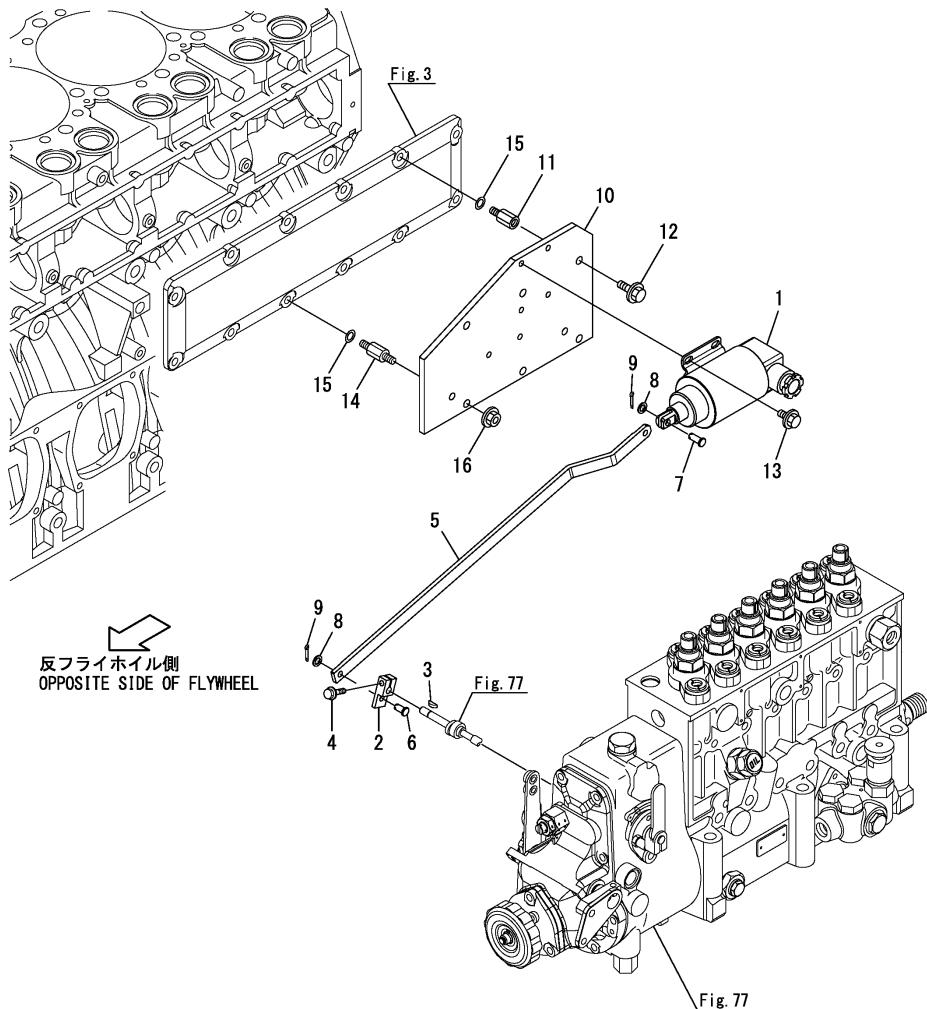
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-59170	BOLT, SPACER M10	3 3 3		
2	1	148690-65460	BRACKET, SOLENOID	1 1 1		
3	1	148690-65500	ABSORBER	1 1 1		
4	1	148690-65530	LINK ASSY	1 1 1		
4-1	1	148690-65531	LINK ASSY,SOLENOID B	1 1 1	N	
		(A=E/#1966) (B=E/#1953) (C=E/#1965)				
7	1	126650-66260	PIN, 6X12.5	1 1 1		
8	1	148690-66260	JOINT	1 1 1		
8-1	1	148690-66261	JOINT, WIRE	1 1 1	N	
		(A=E/#1966) (B=E/#1953) (C=E/#1965)				
9	1	126616-67300	LEVER	1 1 1		
9-1	1	126616-67301	LEVER, ENGINE STOP	1 1 1	R	
		(A=E/#5101) (B=E/#5038) (C=E/#5099)				
10	1	124411-67830	STOPPER ASSY, ENGINE	1 1 1		
11	1	22137-060000	WASHER, 6	1 1 1		
12	1	22137-080000	WASHER, 8	2 2 2		
13	1	22137-080000	WASHER, 8	2 2 2		
14	1	22137-100000	WASHER, 10	3 3 3		
15	1	22217-060000	WASHER, SPRING 6	1 1 1		
16	1	22417-160100	COTTER PIN	1 1 1		
17	1	22417-200120	COTTER PIN 2.0X12	1 1 1		
18	1	22486-080220	PIN, H 8X 22	1 1 1		
19	1	22522-030100	KEY, WOODRUFF 3X10	1 1 1		
20	1	26106-060182	BOLT, M6X 18 PLATED	1 1 1		
20-1	1	26106-060202	BOLT, M6X 20 PLATED	1 1 1	N	
		(A=E/#2718) (B=E/#2865) (C=E/#2751)				
21	1	26106-100162	BOLT, M10X 16 PLATED	3 3 3		
22	1	26366-060002	NUT, M6	8 8 8		
23	1	26716-080002	NUT, M8	2 2 2		
24	1	26756-060002	NUT, LOCK M6	8 8 8		
25	1	26756-080002	NUT, LOCK M8	2 2 2		
26	1	29311-093000	GROMET, 8.5X3	2 2 2		
27	1	29311-093000	GROMET, 8.5X3	1 1 1		
28	1	29621-100000	BAND, TR100	2 2 2		
29	1	41411-001581	RUBBER, CUSHION	4 4 4		
30	1	104104-66990	SCREW	1 1 1		
		(A=E/#2718) (B=E/#2865) (C=E/#2751)				

## Fig.101. ENGINE STOP DEVICE(ELECTRIC MAGNET)(SHIPS CLASSIFICATION PARTS)

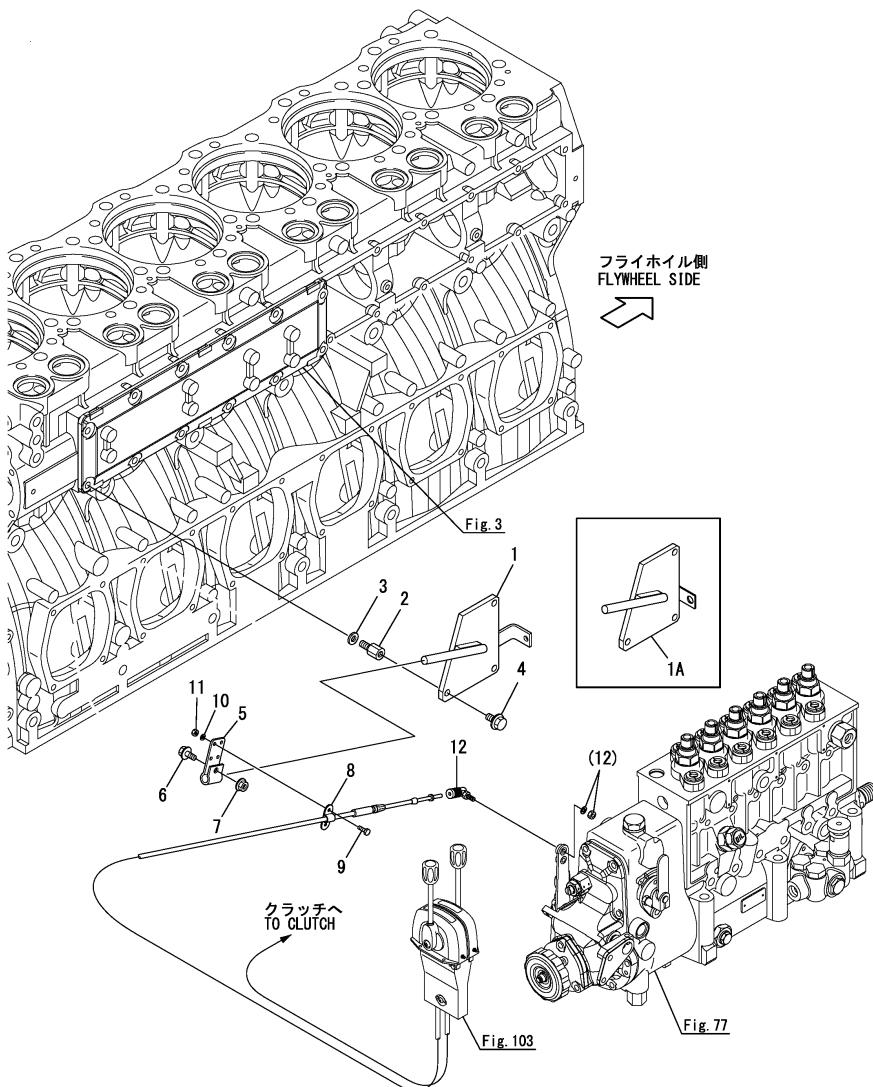
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	46116-000680	SOLENOID, 24V	1	1	1			
2	1	148640-65010	LEVER, FUEL SHUT-OFF	1	1	1			
3	1	22522-030100	KEY, WOODRUFF 3X10	1	1	1			
4	1	26106-060202	BOLT, M6X 20 PLATED	1	1	1			
5	1	148640-65050	LINK, FUEL CUT-OFF	1	1	1			
5-1	1	148640-65051	LINK, SHUT-OFF	1	1	1			N
(A=E/#5860) (B=E/#6237) (C=2015.10)									
6	1	130605-65260	PIN	1	1	1			
7	1	148633-66590	PIN, LEVER	1	1	1			
8	1	22137-080000	WASHER, 8	2	2	2			
9	1	22417-200160	PIN, COTTER 2.0X16	2	2	2			
10	1	148640-65461	BRACKET, SOLENOID	1	1	1			
11	1	45521-010781	BOLT, SPACER M10	1	1	1			
12	1	26106-100252	BOLT, M10X 25 PLATED	1	1	1			
13	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1			
14	1	148620-01490	BOLT, SPACER	3	3	3			
15	1	22137-100000	WASHER, 10	4	4	4			
16	1	26366-100002	NUT, M10	3	3	3			

## Fig.102. WIRE REMOTE CONTROL RECEIVER(GOVERNOR)



## Remarks

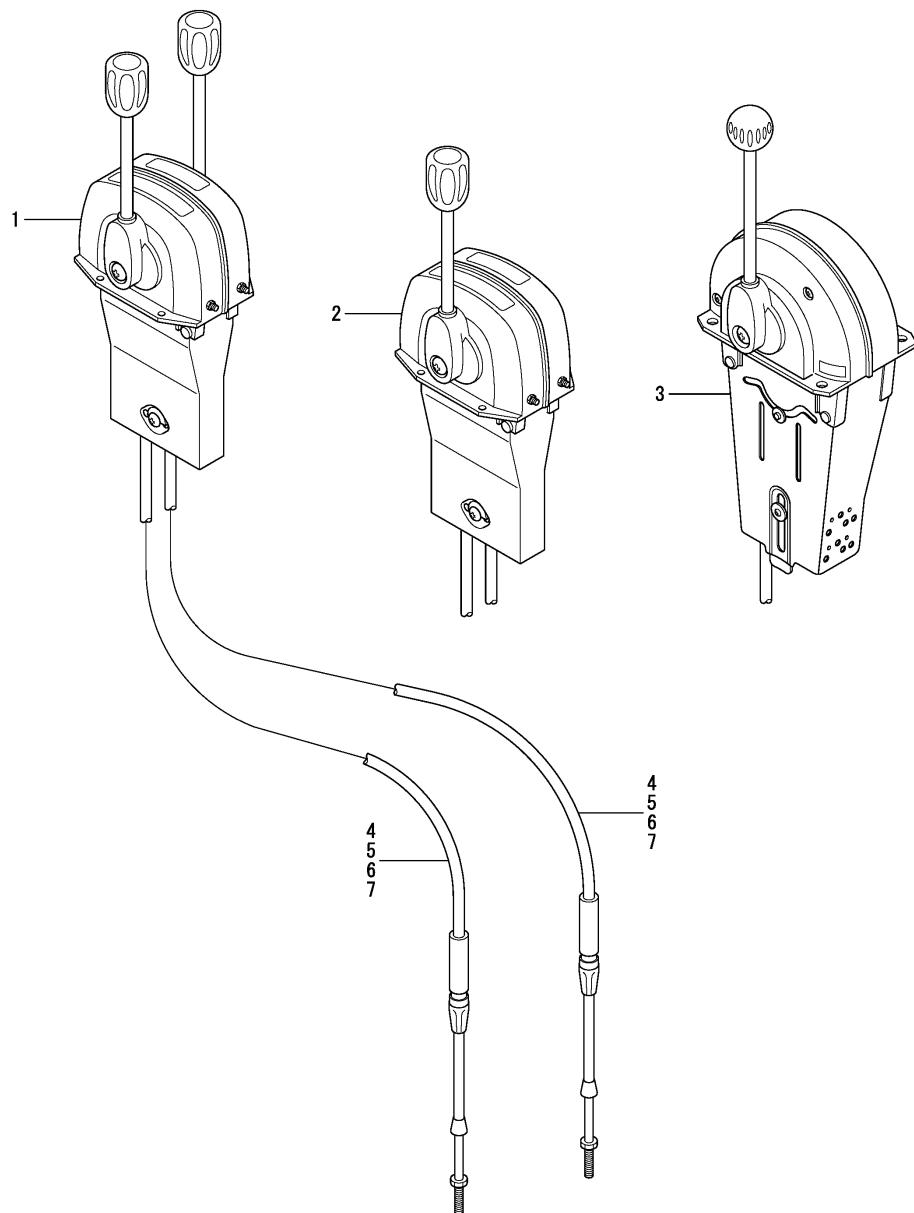
- (1)Earth type.
- (2)Earth float type.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148690-86102	BRACKET, WIRE	1	1	1			1	
1-1	1	148660-86100	BRACKET		1	1	1			R 1
		(A=E/#4981)	(B=E/#5308)	(C=E/#5826)						
1A	1	148690-86151	BRACKET, WIRE	1	1	1			2	
2	1	148660-59170	BOLT, SPACER M10	3	3	3				
3	1	22137-100000	WASHER, 10	3	3	3				
4	1	26106-100202	BOLT, M10X 20 PLATED	3	3	3				
5	1	41701-001720	CLAMP, BRCKET	1	1	1				
6	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1				
7	1	26366-080002	NUT, M8	1	1	1				
8	1	41710-000410	CLAMP	2	2	2				
9	1	26116-050162	BOLT, M5X 16 PLATED	4	4	4				
10	1	22212-050000	WASHER 5	4	4	4				
11	1	26717-050002	NUT, M5	4	4	4				
12	1	41710-001300	JOINT, BALL M5	1	1	1				

## Fig.103. REMOTE CONTROL HEAD

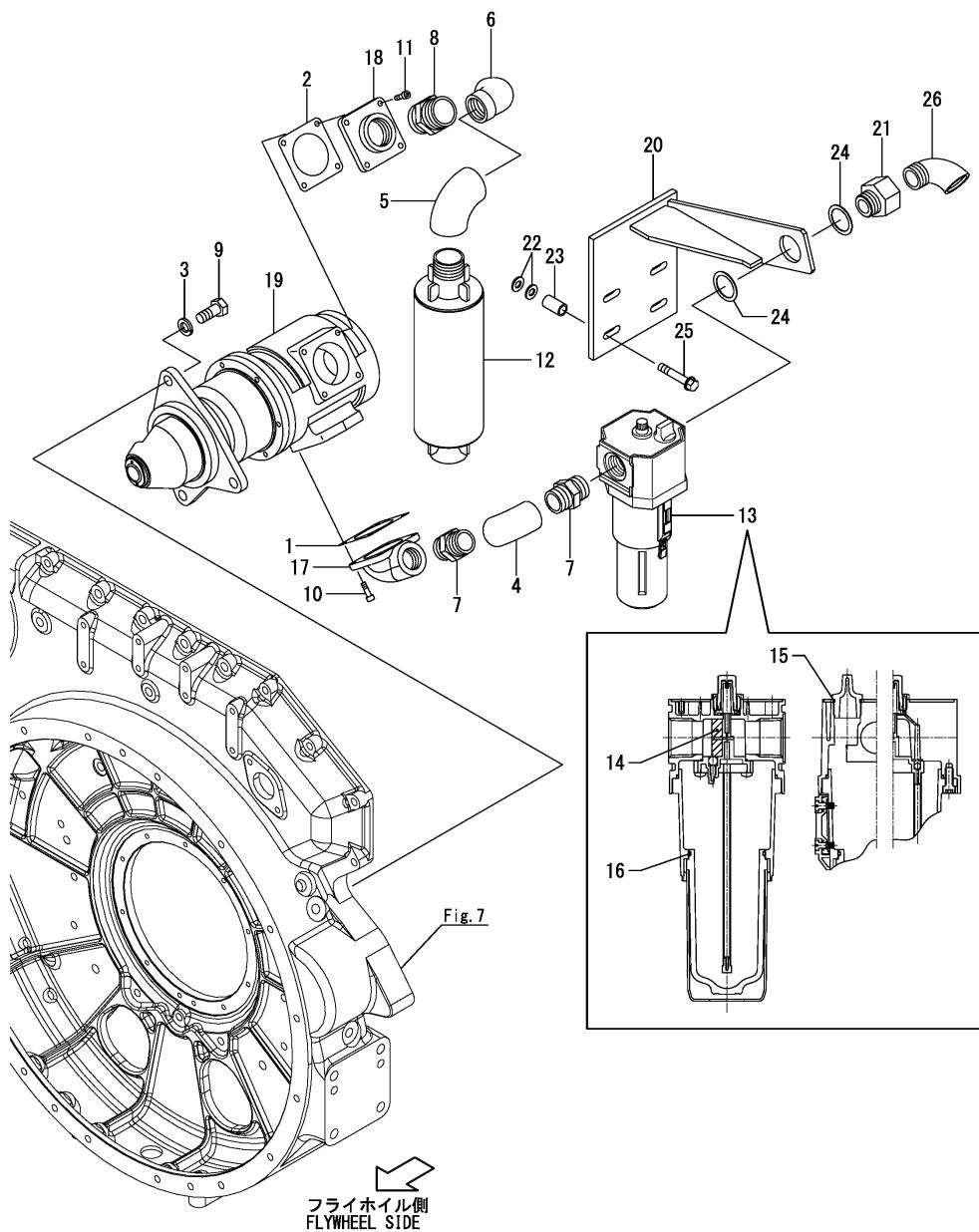


(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	41730-501200	HEAD, REMOTE-CONTROL	1	1	1			
2	1	41730-501250	HEAD, REMOTE-CONTROL	1	1	1			
3	1	41730-500370	HEAD, REMOTE-CONTROL	1	1	1			
4	1	27720-407001	CABLE, 100X7000	2	2	2			
5	1	27720-410001	CABLE, 100X10000	2	2	2			
6	1	27720-412001	CABLE, 100X12000	2	2	2			
7	1	27720-414001	CABLE, 100X14000	2	2	2			

Fig.104. AIR MOTOR

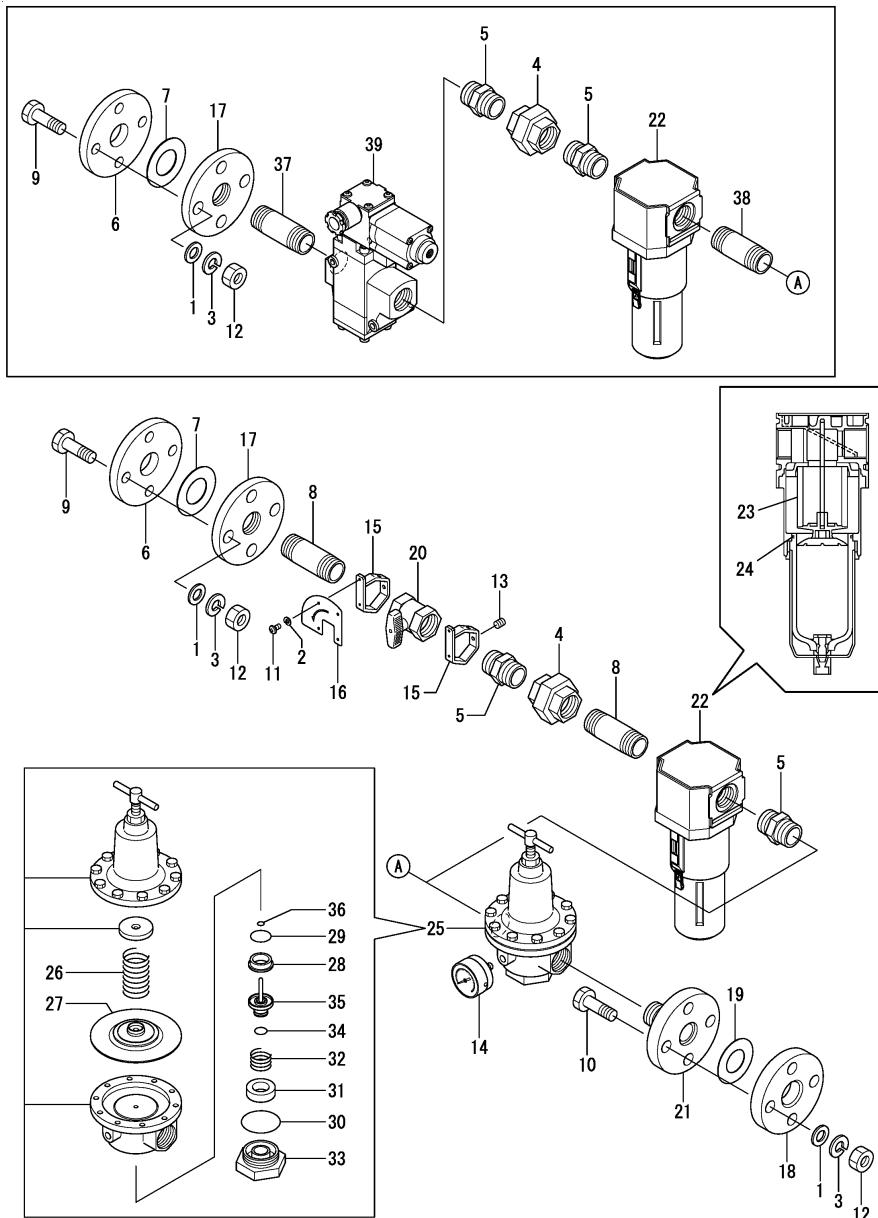


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	133670-76510	GASKET	1	1	1
2	1	133670-76510	GASKET	1	1	1
3	1	22217-140000	WASHER, SPRING 14	3	3	3
4	1	23111-100007	ELBOW, R1	1	1	1
5	1	23111-120007	ELBOW, R1+1/4	1	1	1
6	1	23112-120007	ELBOW, R1+1/4	1	1	1
7	1	23163-100007	NIPPLE, R1	2	2	2
8	1	23163-120007	NIPPLE, R1+1/4	1	1	1
9	1	26292-140352	BOLT, M14X 35	3	3	3
10	1	26450-060202	BOLT, M6X 20	4	4	4
11	1	26450-060202	BOLT, M6X 20	4	4	4
12	1	43100-552881	SILENCER	1	1	1
12-1	1	43100-552882	SILENCER	1	1	1
		(A=*>2011.07) (B=E#2140) (C=*>2011.07)				R
13	1	44100-019900	OILER	1	1	1
14	2	44100-019930	GUIDE, OILER	1	1	1
15	2	44100-019940	O-RING, OILER	1	1	1
16	2	44100-019950	O-RING, OILER	1	1	1
17	1	44100-563330	ELBOW, W/FLANGE	1	1	1
18	1	44100-564340	FLANGE, MOTOR OUTLET	1	1	1
19	1	44100-564130	MOTOR, AIR	1	1	1
20	1	148640-71010	SUPPORT, OILER	1	1	1
21	1	148640-71040	SOCKET, AIR INLET	1	1	1
22	1	22137-100000	WASHER, 10	8	8	8
23	1	23034-030030	PIPE, 10AX 30	4	4	4
23-1	1	43711-572501	SPACER	4	4	4
		(A=*>2016.05) (B=*>2016.05) (C=*>2016.05)				R
24	1	23414-330000	GASKET, 33X1.0	2	2	2
25	1	26106-100552	BOLT, M10X 55 PLATED	4	4	4
26	1	23112-100000	ELBOW, R1	1	1	1

## Fig.134. (104A)AIR CONTROL UNIT



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	22137-160000	WASHER, 16	8	8	8			
2	1	22217-030000	WASHER, SPRING 3	4	4	4			1
3	1	22217-160000	WASHER, SPRING 16	8	8	8			
4	1	23152-100000	UNION, R1	1	1	1			
5	1	23163-100000	NIPPLE, R1	2	2	2			
6	1	23231-025034	FLANGE, 10K 25	1	1	1			
7	1	23454-025000	GASKET, 10K25X0.5	1	1	1			
8	1	23751-100907	NIPPLE	2	2	2			1
9	1	26116-160502	BOLT, M16X 50 PLATED	4	4	4			
10	1	26116-160602	BOLT, M16X 60 PLATED	4	4	4			
11	1	26557-030062	SCREW, M3X 6	4	4	4			1
12	1	26716-160002	NUT, M16	8	8	8			
13	1	26979-050062	SCREW	4	4	4			1
14	1	42130-552361	GAUGE, PRESSURE	1	1	1			
15	1	42215-591100	PLATE, LABEL	2	2	2			1
16	1	42221-556830	LABEL, QUICK VALVE	1	1	1			
17	1	43310-550740	FLANGE, 10K 25A	1	1	1			
18	1	43311-000440	FLANGE, ROUND 25A	1	1	1			
19	1	43416-035670	PACKING	1	1	1			
20	1	43600-557240	VALVE, LENS	1	1	1			1
21	1	43711-556700	JOINT, AIR INLET	1	1	1			
22	1	44100-019880	AIR FILTER	1	1	1			
23	2	44100-019910	ELEMENT, AIR FILTER	1	1	1			
24	2	44100-019920	O-RING, AIR FILTER	1	1	1			
25	1	44100-555543	VALVE ASSY, DECOMP	1	1	1			
26	2	44100-555850	SPRING, CONTROL	1	1	1			
27	2	44100-555860	DIAPHRAGM ASSY	1	1	1			
28	2	44100-555880	SEAT, VALVE	1	1	1			
29	2	44100-555890	O-RING	1	1	1			
30	2	44100-555900	O-RING, P48	1	1	1			
31	2	44100-555910	STRAINER	1	1	1			
32	2	44100-555920	SPRING, VALVE	1	1	1			
33	2	44100-555930	COVER	1	1	1			
34	2	44100-555940	O-RING	1	1	1			
35	2	44100-555950	VALVE ASSY	1	1	1			
36	2	44100-555990	O-RING, P5	1	1	1			
37	1	23751-100657	NIPPLE, 1X65	1	1	1			2
38	1	43711-572250	NIPPLE, LONG 25A	1	1	1			2
39	1	46116-552601	VALVE, SOLENOID	1	1	1			2

## Remarks

- (1)Manual starting specification.
- (2)Remote automatic starting specification.

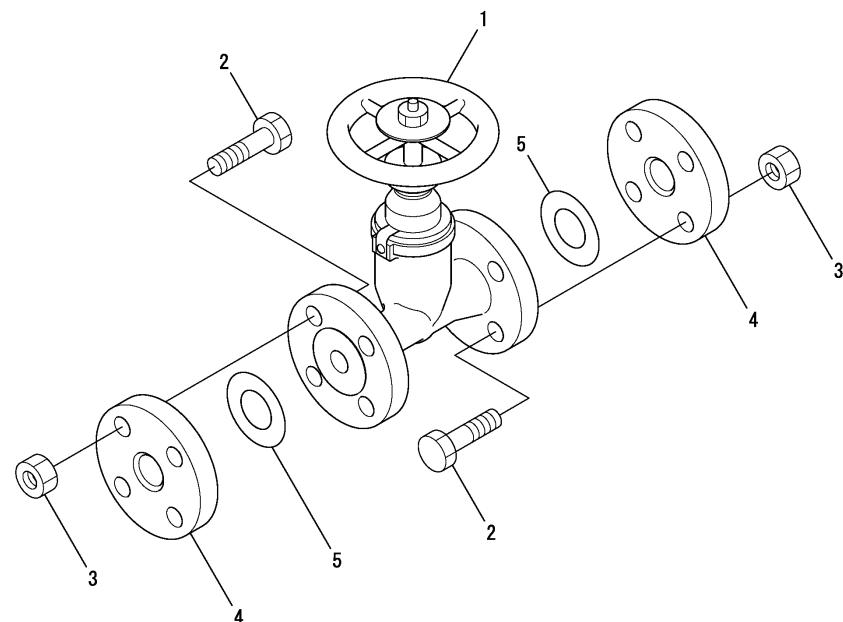
N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.135. (104B)AIR INTERMEDIATE VALVE

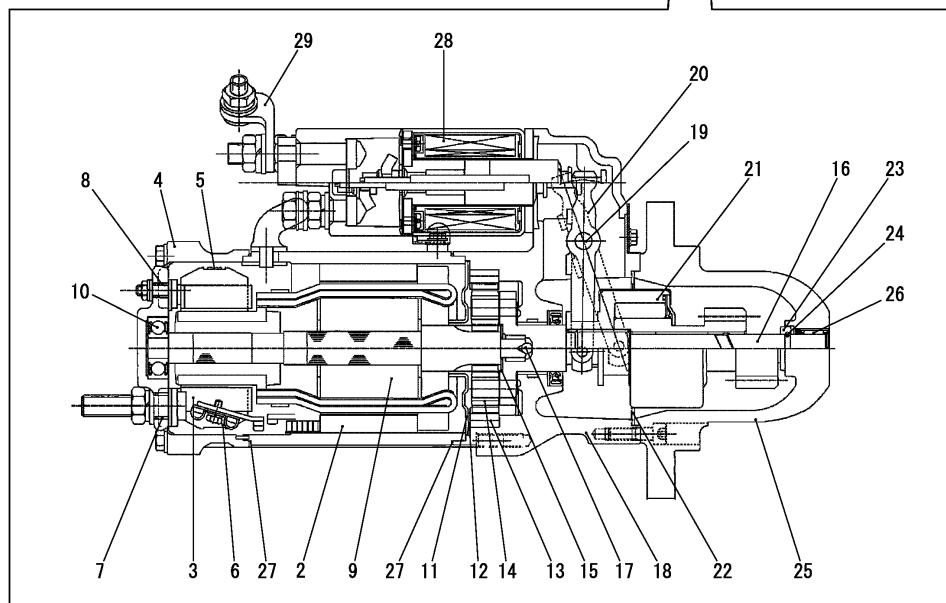
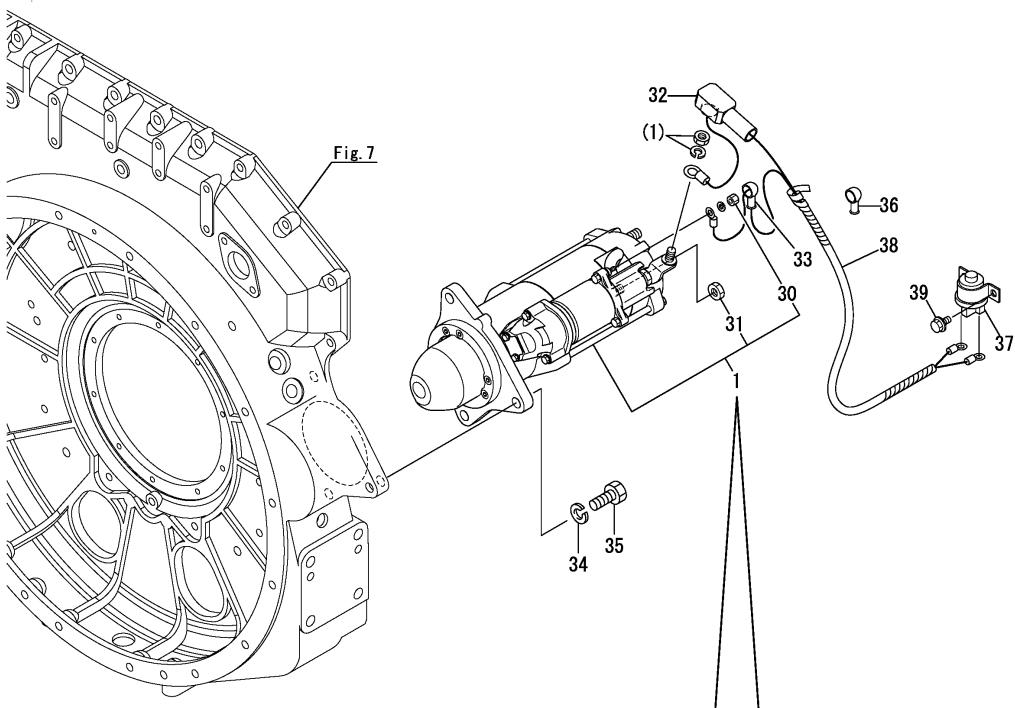
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	23573-400250	VALVE, GLOBE 40K25F	1	1	1			
2	1	26116-160652	BOLT, M16X 65 PLATED	8	8	8			
3	1	26716-160002	NUT, M16	8	8	8			
4	1	43310-001650	FLANGE, ROUND	2	2	2			
5	1	43416-040770	PACKING	2	2	2			

Fig.105. STARTER MOTOR(EARTH TYPE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

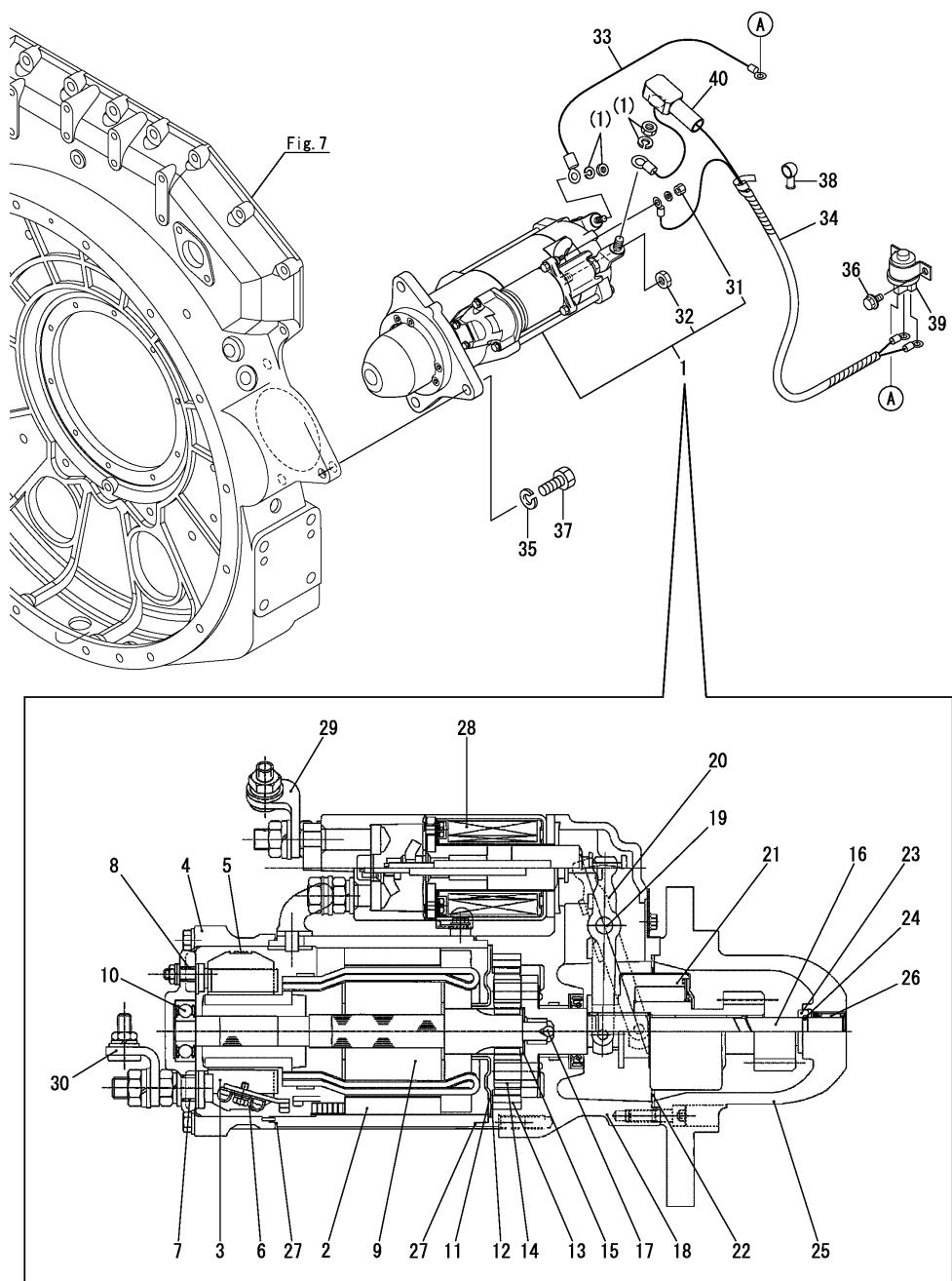
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148620-77080	STARTER, 8KW	1	1	1			
2	2	X131015520X0	YOKE ASSY	1	1	1			
3	2	X133107510X0	HOLDER ASSY, BRUSH	1	1	1			
4	2	X224033900X0	BRACKET, REAR	1	1	1			
5	2	X525003200X0	SPRING, BRUSH	4	4	4			
6	2	X266010620X0	BRUSH	4	4	4			
7	2	X404006510X0	BUSH, EYE	1	1	1			
8	2	X404006410X0	BUSH, EYE	1	1	1			
9	2	X132014210X0	ARMATURE	1	1	1			
10	2	X620605500X0	BEARING, BALL	1	1	1			
11	2	X342904500X0	COVER	1	1	1			
12	2	X414133200X0	PACKING	1	1	1			
13	2	X365003300X0	GEAR, INTERNAL	1	1	1			
14	2	X137100020X0	GEAR ASSY, PLANETARY	1	1	1			
15	2	X503107600X0	WASHER, SHIM	1	1	1			
16	2	X137300010X0	SHAFT ASSY	1	1	1			
17	2	X625600100X0	BALL, STEEL	1	1	1			
18	2	X134200420X0	BRACKET ASSY, CENTER	1	1	1			
19	2	X360027810X0	ROD	1	1	1			
20	2	X323205410X0	LEVER	1	1	1			
21	2	X136107400X0	CLUTCH ASSY, PINION	1	1	1			
22	2	X641407200X0	SEAL, DUST	1	1	1			
23	2	X366102710X0	STOPPER, PINION	1	1	1			
24	2	X522102910X0	HOOK	1	1	1			
25	2	X134100200X0	HOUSING ASSY, PINION	1	1	1			
26	2	X620605400X0	BEARING, NEEDLE	1	1	1			
27	2	X641407410X0	O-RING	2	2	2			
28	2	X135017810X9	SWITCH ASSY, ENGAGE	1	1	1			
29	2	X135913300X0	TERMINAL ASSY	1	1	1			
30	2	148620-77100	TERMINAL, 10-32UNF-2A	1	1	1			
31	2	148620-77110	TERMINAL, 1/2-13UNC	1	1	1			
32	1	148620-77500	CAP, TERMINAL	1	1	1			
33	1	152633-78280	CAP, TERMINAL	2	2	2			
34	1	22217-140000	WASHER, SPRING 14	3	3	3			
35	1	26292-140352	BOLT, M14X 35	3	3	3			
36	1	41903-650040	CAP, TERMINAL RUBBER	1	1	1			
37	1	148633-77090	RELAY, STARTER	1	1	1			
38	1	148660-77541	WIRE, STARTER RELAY	1	1	1			
39	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2			

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.106. STARTER MOTOR(EARTH FLOAT TYPE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

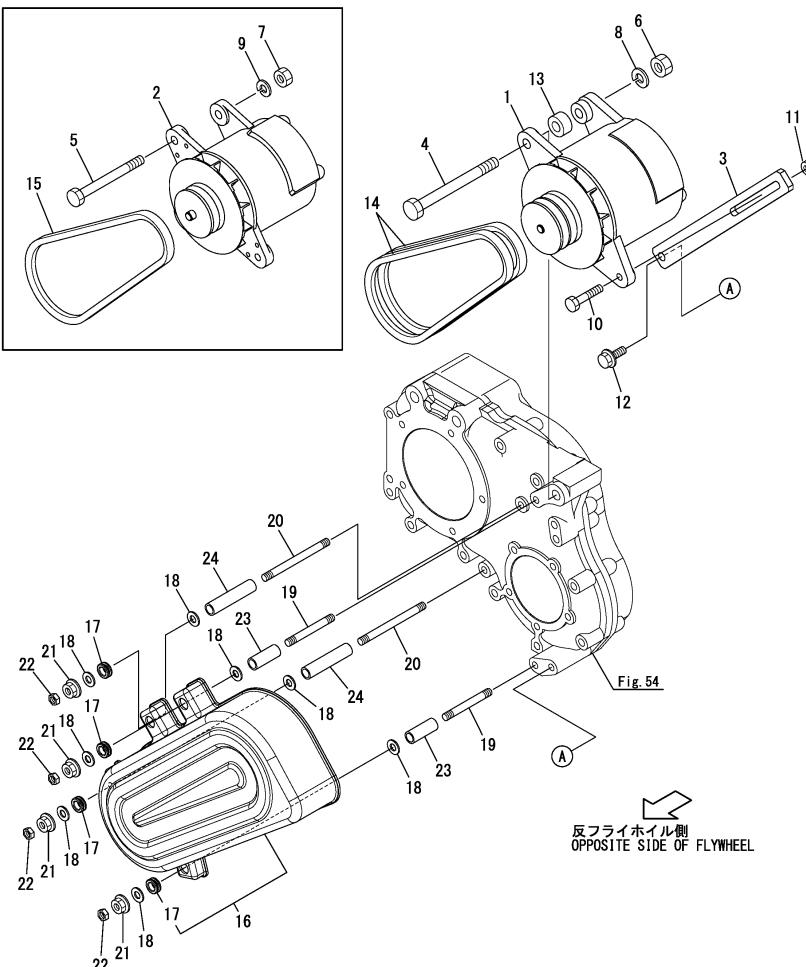
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	148660-77080	STARTER, 8KW	1	1	1			
2	2	X131015520X0	YOKE ASSY	1	1	1			
3	2	X133107510X0	HOLDER ASSY, BRUSH	1	1	1			
4	2	X224033900X0	BRACKET, REAR	1	1	1			
5	2	X525003200X0	SPRING, BRUSH	4	4	4			
6	2	X266010620X0	BRUSH	4	4	4			
7	2	X404006510X0	BUSH, EYE	1	1	1			
8	2	X404006410X0	BUSH, EYE	1	1	1			
9	2	X132014210X0	ARMATURE	1	1	1			
10	2	X620605500X0	BEARING, BALL	1	1	1			
11	2	X342904500X0	COVER	1	1	1			
12	2	X414133200X0	PACKING	1	1	1			
13	2	X365003300X0	GEAR, INTERNAL	1	1	1			
14	2	X137100020X0	GEAR ASSY, PLANETARY	1	1	1			
15	2	X503107600X0	WASHER, SHIM	1	1	1			
16	2	X137300010X0	SHAFT ASSY	1	1	1			
17	2	X625600100X0	BALL, STEEL	1	1	1			
18	2	X134200420X0	BRACKET ASSY, CENTER	1	1	1			
19	2	X360027810X0	ROD	1	1	1			
20	2	X323205410X0	LEVER	1	1	1			
21	2	X136107400X0	CLUTCH ASSY, PINION	1	1	1			
22	2	X641407200X0	SEAL, DUST	1	1	1			
23	2	X366102710X0	STOPPER, PINION	1	1	1			
24	2	X522102910X0	HOOK	1	1	1			
25	2	X134100200X0	HOUSING ASSY, PINION	1	1	1			
26	2	X620605400X0	BEARING, NEEDLE	1	1	1			
27	2	X641407410X0	O-RING	2	2	2			
28	2	X135017810X9	SWITCH ASSY, ENGAGE	1	1	1			
29	2	X135913300X0	TERMINAL ASSY	1	1	1			
30	2	X135913310X0	TERMINAL ASSY	1	1	1			
31	2	148620-77100	TERMINAL, 10-32UNF-2A	1	1	1			
32	2	148620-77110	TERMINAL, 1/2-13UNC	1	1	1			
33	1	148633-77530	WIRE, ELECTRIC	1	1	1			
34	1	148660-77541	WIRE, STARTER RELAY	1	1	1			
35	1	22217-140000	WASHER, SPRING 14	3	3	3			
36	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2			
37	1	26292-140352	BOLT, M14X 35	3	3	3			
38	1	41903-650040	CAP, TERMINAL RUBBER	3	3	3			
39	1	46120-551450	RELAY, STARTER	1	1	1			
40	1	148620-77500	CAP, TERMINAL	1	1	1			

(A=E/#2220) (B=E/#2134) (C=E/#2472)

W

Fig.107. GENERATOR(TO MAR. 2018)



## Remarks

\* Interchangeable by simultaneous replacement with following parts when changing to the new generator.

Earth type : Fig.54 No.32-2, Fig.110 No.1-1 & Fig.136(107A) No.28 from No.1.

Earth float type : Fig.54 No.32-2, Fig.139(110A) No.1-1 & Fig.136(107A) No.28 from No.1.

(1)1kW specification(Inner parts are shown in Fig.115).

(2)600W specification(Inner parts are shown in Fig.116).

(3)1kW specification.

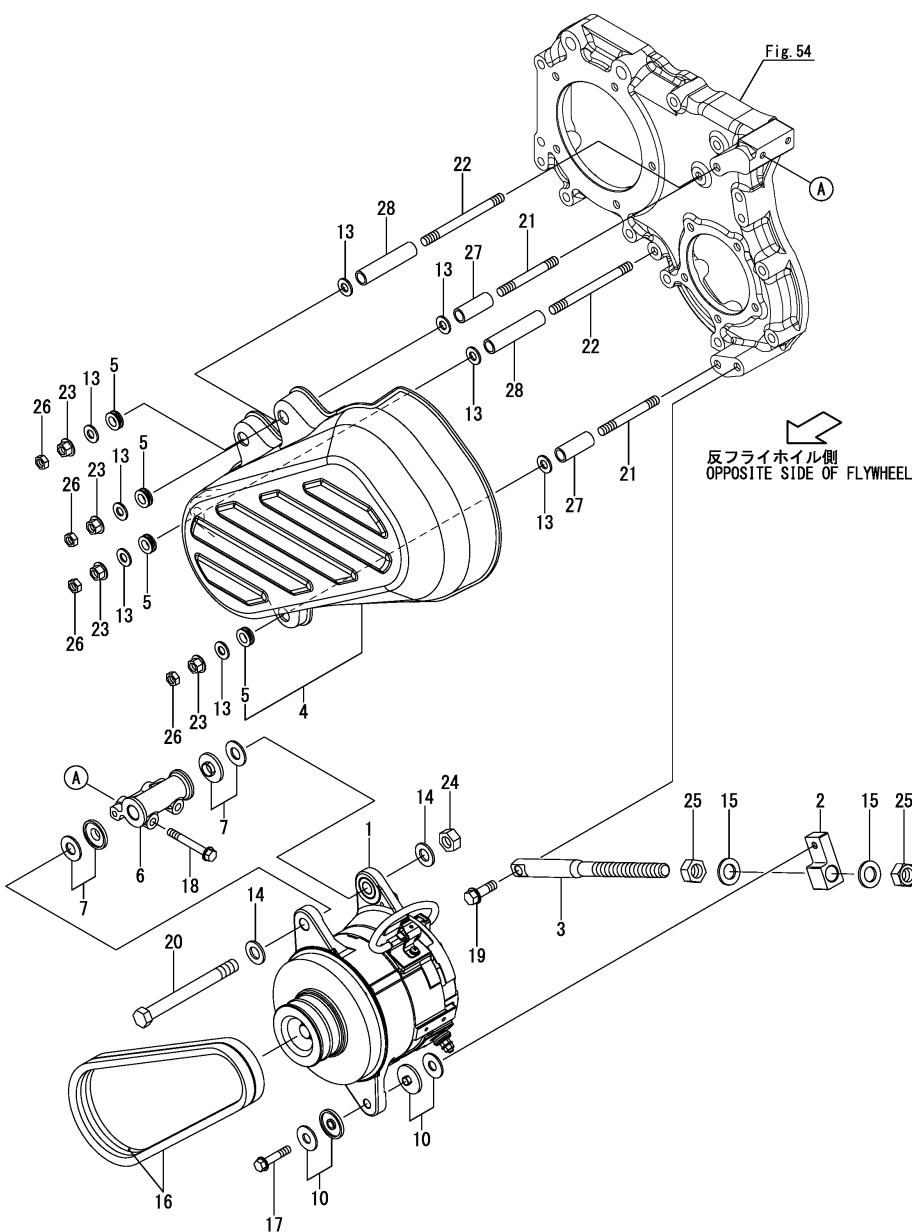
(4)600W specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	128610-77200	ALTERNATOR, 24V-1KW	1	1	1			Z 1
		(A=E/#7411)	(B=E/#7404)				(C=E/#7448)		
2	1	144626-77201	ALTERNATOR	1	1	1			Z 2
		(A=E/#7411)	(B=E/#7404)				(C=E/#7448)		
3	1	148660-77300	ADJUSTER, ALTERNATOR	1	1	1			
4	1	26116-141502	BOLT, M14X150 PLATED	1	1	1			3
5	1	26116-121202	BOLT, M12X120 PLATED	1	1	1			4
6	1	26706-140002	NUT, M14	1	1	1			3
7	1	26706-120002	NUT, M12	1	1	1			4
8	1	22217-140000	WASHER, SPRING 14	1	1	1			3
9	1	22217-120000	WASHER, SPRING 12	1	1	1			4
10	1	26156-100404	BOLT, M10X 40 PLATED	1	1	1			
11	1	26606-100002	NUT, M10	1	1	1			
12	1	26106-100252	BOLT, M10X 25 PLATED	1	1	1			
13	1	148660-77350	SPACER, ALTERNATOR	1	1	1			3
14	1	25132-002800	V-BELT, A28	2	2	2			3
15	1	25132-002800	V-BELT, A28	1	1	1			4
16	1	148660-77332	COVER, V-BELT	1	1	1			
17	2	29311-124000	GROMET, 12.0X4	4	4	4			
18	1	22137-100000	WASHER, 10	8	8	8			
19	1	26216-100752	STUD, M10X 75	2	2	2			
20	1	26216-101102	STUD, M10X110	2	2	2			
21	1	26366-100002	NUT, M10	4	4	4			
22	1	26756-100002	NUT, LOCK M10	4	4	4			
23	1	43711-572540	SPACER, 10A	2	2	2			
23-1	1	43711-572541	SPACER	2	2	2			R
		(A=E/#5271)	(B=E/#5275)				(C=E/#5275)		
24	1	43711-572570	SPACER, 10A	2	2	2			
24-1	1	43711-572571	SPACER	2	2	2			R
		(A=E/#5271)	(B=E/#5275)				(C=E/#5275)		

Fig.136. (107A)GENERATOR(FROM APR. 2018)



## Remarks

\* New generator was unified to the 1kW specification(600W specification was abolished).

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

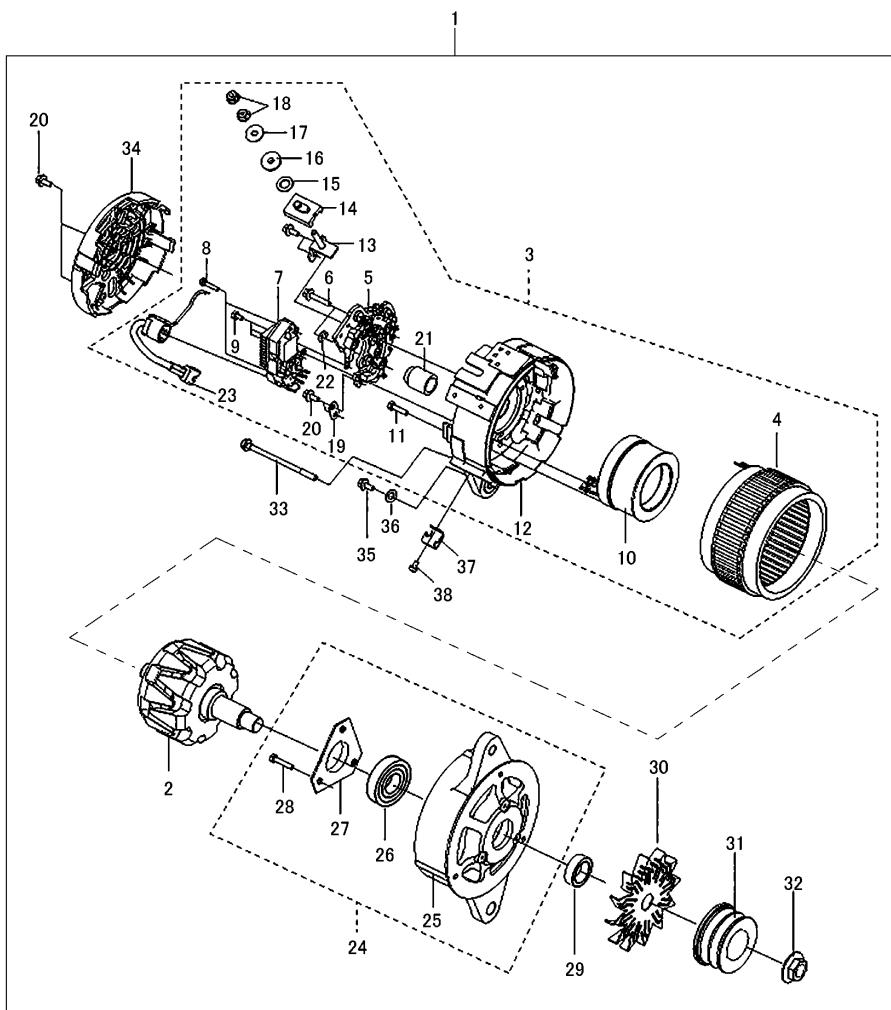
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148660-77200	ALTERNATOR (A=E/#7411) (B=E/#7404) (C=E/#7448)	1	1	1			W
2	1	148661-77290	SUPPORT,ADJUSTER	1	1	1			
3	1	148661-77300	ADJUSTER,ALTERNATOR	1	1	1			
4	1	148661-77332	COVER,V-BELT	1	1	1			
5	2	29311-124000	GROMET, 12.0X4	4	4	4			
6	1	127698-77430	BRACKET, ALTERNATOR	1	1	1			
7	1	127698-77500	SPACER, FLOAT A	2	2	2			
10	1	127698-77530	SPACER, FLOAT B	2	2	2			
13	1	22137-100000	WASHER, 10	8	8	8			
14	1	22137-140000	WASHER, 14	2	2	2			
15	1	22137-160000	WASHER, 16	2	2	2			
16	1	25132-002800	V-BELT, A28	2	2	2			
17	1	26106-080402	BOLT, M8X 40 PLATED	1	1	1			
18	1	26106-080602	BOLT, M8X 60 PLATED	2	2	2			
19	1	26106-100302	BOLT, M10X 30 PLATED	1	1	1			
20	1	26116-141402	BOLT, M14X140 PLATED	1	1	1			
21	1	26216-100752	STUD, M10X 75	2	2	2			
22	1	26216-101102	STUD, M10X110	2	2	2			
23	1	26366-100002	NUT, M10	4	4	4			
24	1	26706-140002	NUT, M14	1	1	1			
25	1	26736-160002	NUT, M16	2	2	2			
26	1	26756-100002	NUT, LOCK M10	4	4	4			
27	1	43711-572541	SPACER	2	2	2			
28	1	43711-572571	SPACER	2	2	2			

N:Old  Yes  No New, Q:Old  Yes  New, R:Old  Yes  New, S:Old  Yes  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.148. (107B)GENERATOR(INNER PARTS)



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148660-77200	ALTERNATOR	1	1	1			
2	2	127699-77350	ROTOR ASSY	1	1	1			
3	2	X123033300X0	BRACKET ASSY, REAR	1	1	1			
4	3	X121421510X0	STATOR ASSY	1	1	1			
5	3	127699-77230	HEATSINK ASSY	1	1	1			
6	3	X501037720X0	BOLT	4	4	4			
7	3	127698-77360	REGULATOR, IC	1	1	1			
8	3	X501050000X0	BOLT	2	2	2			
9	3	X501039800X0	BOLT	3	3	3			
10	3	X125105410X0	COIL ASSY	1	1	1			
11	3	X501038200X0	BOLT	3	3	3			
12	3	127699-77310	BRACKET, REAR	1	1	1			
13	3	127699-77250	SUPPORT ASSY	1	1	1			
14	3	127699-77260	INSULATOR	1	1	1			
15	3	127699-77270	WASHER	1	1	1			
16	3	127699-77290	BUSH, IF	1	1	1			
17	3	127699-77300	WASHER	1	1	1			
18	3	X502010600X0	NUT	2	2	2			
19	3	127699-77240	PLATE	1	1	1			
20	3	X501040000X0	BOLT	6	6	6			
21	3	127698-77230	ROLLER, BEARING	1	1	1			
22	3	X322029410X0	SUPPORT	1	1	1			
23	3	X190297800X0	HARNESS ASSY	1	1	1			
24	2	127699-77360	SUPPORT	1	1	1			
25	3	127699-77370	HARNESS ASSY	1	1	1			
26	3	127698-77490	BALL, BEARING	1	1	1			
27	3	127698-77560	COVER, BEARING	1	1	1			
28	3	X501039300X0	BOLT	3	3	3			
29	2	127698-77580	COLLAR	1	1	1			
30	2	X344803610X0	FAN	1	1	1			
31	2	X208037100X0	PULLEY	1	1	1			
32	2	X502010700X0	NUT	1	1	1			
33	2	X81670609510	BOLT	3	3	3			
34	2	127699-77210	COVER	1	1	1			
35	2	X81700601010	BOLT	1	1	1			
36	2	X83000670010	WASHER	1	1	1			
37	2	X322061010X0	HOLDER CONNECTOR	1	1	1			
38	2	X80020501010	SCREW	1	1	1			

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

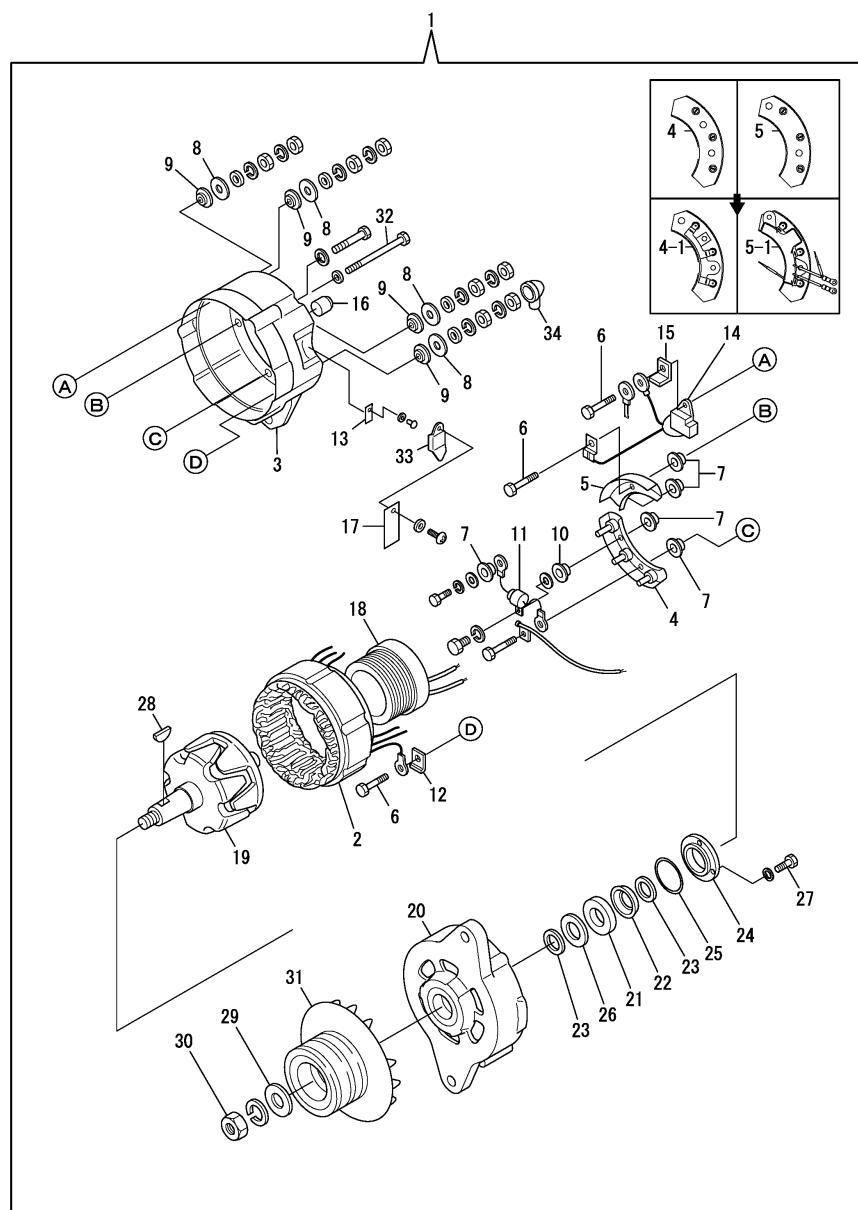
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(D)=  
(E)=  
(F)=

Fig.108. GENERATOR(INNER PARTS)(1KW)(TO MAR. 2018)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	128610-77200	ALTERNATOR, 24V-1KW	1	1	1			
2	2	X121114620	STATOR	1	1	1			
3	2	X224016730	BRACKET, REAR	1	1	1			
4	2	X123504200	SINK ASSY, HEAT -	1	1	1			
4-1	2	X123517100X7	SINK ASSY, HEAT -	1	1	1			F 1
		(A=2012.10)	(B=2012.10)	(C=2012.10)					
5	2	X123504300	HEAT SINK ASSY	1	1	1			
5-1	2	X123517220X9	SINK ASSY, HEAT +	1	1	1			F 1
		(A=2012.10)	(B=2012.10)	(C=2012.10)					
6	2	X501019900	BOLT	4	4	4			
7	2	X404105600	BUSH, IF	5	5	5			
8	2	X403000100	WASHER	4	4	4			
9	2	X404100200	BUSH, IF	4	4	4			
10	2	X404100900	BUSH, IF	1	1	1			
11	2	X190602610	CONDENSER ASSY	1	1	1			
12	2	X421500800	INSULATOR	1	1	1			
13	2	X123903600	CONNECTOR ASSY	1	1	1			
14	2	X123902580	LAMP ASSY, CHARGING	1	1	1			
15	2	X322027600	SUPPORT	1	1	1			
16	2	X620600200	BALL BEARING	1	1	1			
17	2	X322123200	COVER	1	1	1			
18	2	X125100030	COIL ASSY	1	1	1			
19	2	X1221074000	ROTOR ASSY	1	1	1			
20	2	X224205920	BRACKET, FRONT	1	1	1			
21	2	X620600320	BALL BEARING	1	1	1			
22	2	X340914700	COVER	1	1	1			
23	2	X414000810	FELT	2	2	2			
24	2	X220201011	COVER	1	1	1			
25	2	X414200900	O-RING	1	1	1			
26	2	X340901320	COVER	1	1	1			
27	2	X501021500	BOLT	3	3	3			
28	2	X859050719	KEY, WOODRUFF	1	1	1			
29	2	X300007810	PLATE, D	1	1	1			
30	2	X8264183005	NUT	1	1	1			
31	2	X198011201	PULLEY ASSY	1	1	1			
32	2	X501004740	BOLT	3	3	3			
33	2	X129100300	REGULATOR	1	1	1			
34	2	X410100800	CAP	4	4	4			

## Remarks

(1)No.4-1 &amp; 5-1 are interchangeable by set.

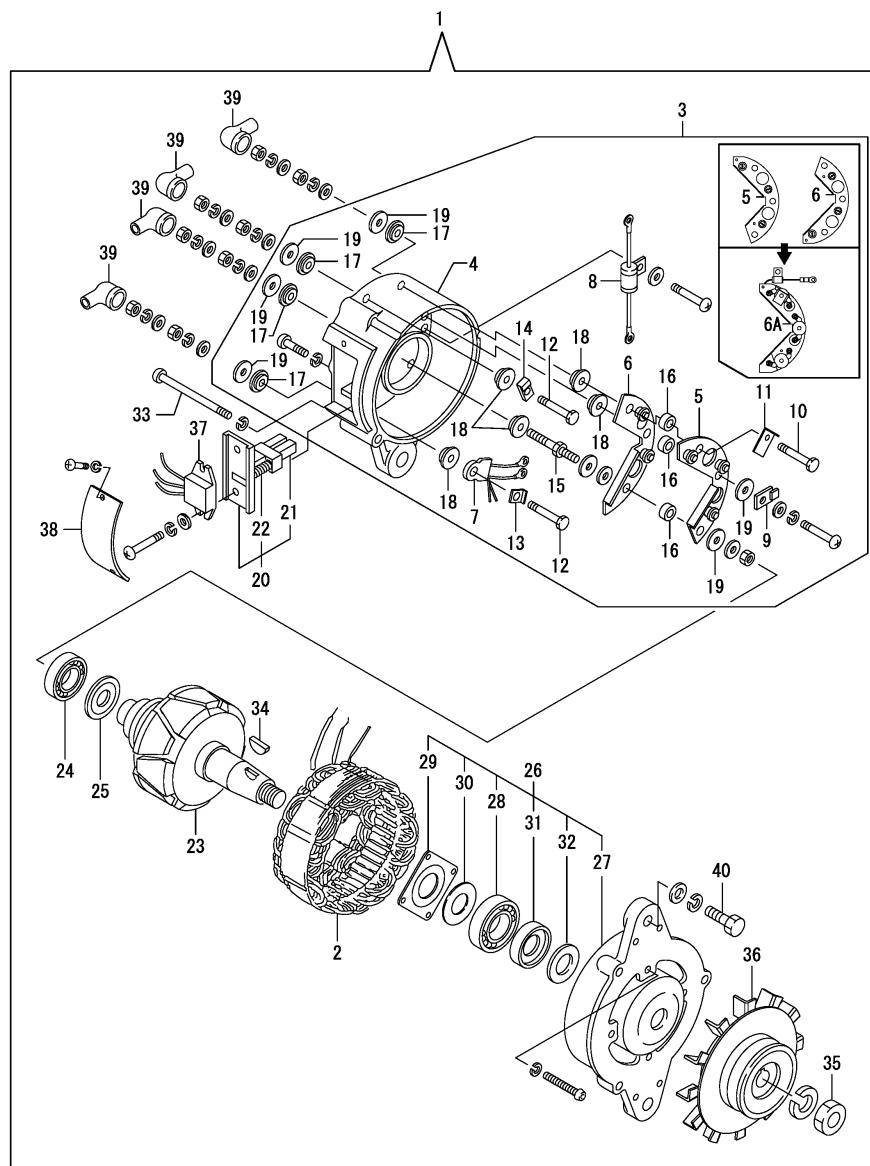
N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.109. GENERATOR(INNER PARTS)(600W)(TO MAR. 2018)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	144626-77201	ALTERNATOR	1 1 1		
2	2	X121100320	STATOR	1 1 1		
3	2	X123015301	BRACKET ASSY,REAR	1 1 1		
4	3	X224015400	BRACKET, REAR	1 1 1		
5	3	X123500010	HEAT SINK ASSY	1 1 1		
		(A=2012.10) (B=2012.10) (C=2012.10)			Z	
6	3	X123500110	SINK, HEAT -	1 1 1		
		(A=2012.10) (B=2012.10) (C=2012.10)			Z	
6A	3	X123517000X9	SINK ASSY, HEAT +/-	1 1 1		
		(A=2012.10) (B=2012.10) (C=2012.10)			W 1	
7	3	X123902560	CIRCUIT	1 1 1		
8	3	X190602900	CONDENSER ASSY	1 1 1		
9	3	X322031600	HOLDER	1 1 1		
10	3	X8160050509	BOLT	1 1 1		
11	3	X322002300	SUPPORT	1 1 1		
12	3	X8160050409	BOLT	2 2 2		
13	3	X322027600	SUPPORT	1 1 1		
14	3	X421500800	INSULATOR	1 1 1		
15	3	X501021000	BOLT	1 1 1		
16	3	X421500400	INSULATOR	3 3 3		
17	3	X404100200	BUSH, IF	4 4 4		
18	3	X404100800	BUSH, IF	5 5 5		
19	3	X403000100	WASHER	6 6 6		
20	2	X123104800	HOLDER, BRUSH	1 1 1		
21	3	X266000110	BRUSH	2 2 2		
22	3	X521000110	SPRING, BRUSH	2 2 2		
23	2	X122105800	ROTOR	1 1 1		
24	2	X620600760	BALL BEARING	1 1 1		
25	2	X340900210	COVER	1 1 1		
26	2	X124006301	BRACKET	1 1 1		
27	3	X224206901	BRACKET, FRONT	1 1 1		
28	3	X620600710	BALL BEARING	1 1 1		
29	3	X340100410	COVER, BEARING	1 1 1		
30	3	X340900500	COVER	1 1 1		
31	3	X340900400	COVER	1 1 1		
32	3	X414000000	FELT	1 1 1		
33	2	X501016110	BOLT	3 3 3		
34	2	X8590407160	KEY	1 1 1		
35	2	X8264143005	NUT	1 1 1		
36	2	X198010300	PULLEY ASSY	1 1 1		
37	2	X129100300	REGULATOR	1 1 1		
38	2	X340005110	COVER	1 1 1		
39	2	X410100810	CAP	4 4 4		
40	2	X8160100305	BOLT	1 1 1		

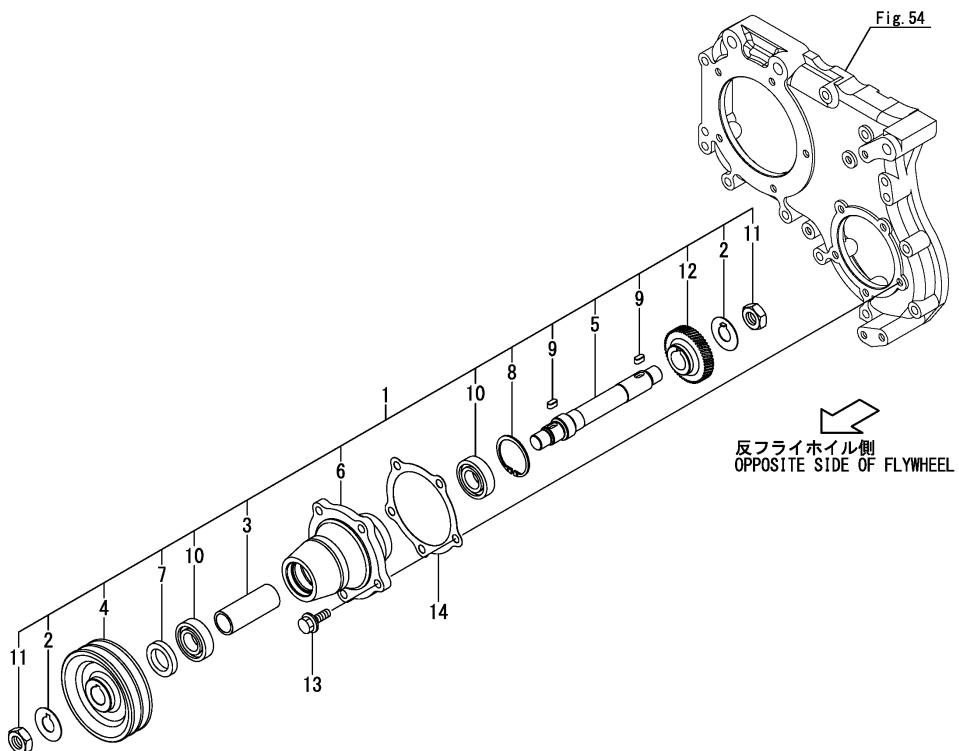
## Remarks

(1)No.5 &amp; 6 are interchangeable by set.

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.137. (109A)DRIVING DEVICE(GENERATOR)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	748660-77200	DRIVE ASSY	1	1	1		
2	2	145613-77420	WASHER, LOCK	2	2	2		
3	2	148660-77230	SPACER, ALTERNATOR	1	1	1		
4	2	148633-77410	V-PULLEY, GENERATOR	1	1	1		
5	2	148660-77210	SHAFT, ALTERNATOR	1	1	1		
6	2	148660-77220	CASE, BEARING	1	1	1		
7	2	136600-42480	OIL SEAL TC304508	1	1	1		
8	2	22252-000520	RING, 52	1	1	1		
9	2	22512-070140	KEY, 7X 14	2	2	2		
10	2	24101-062054	BEARING, BALL 6205	2	2	2		
11	2	26776-20002	NUT, LOCK M20	2	2	2		
12	2	148633-43700	GEAR, PUMP	1	1	1		
13	1	26106-100302	BOLT, M10X 30 PLATED	5	5	5		
14	1	148806-01841	GASKET, COVER	1	1	1		

Fig.138. (109B)COVER(WITHOUT GENERATOR)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	148806-01830	COVER	1	1	1					
2	1	148806-01841	GASKET, COVER	1	1	1					
3	1	26106-100202	BOLT, M10X 20 PLATED	5	5	5					

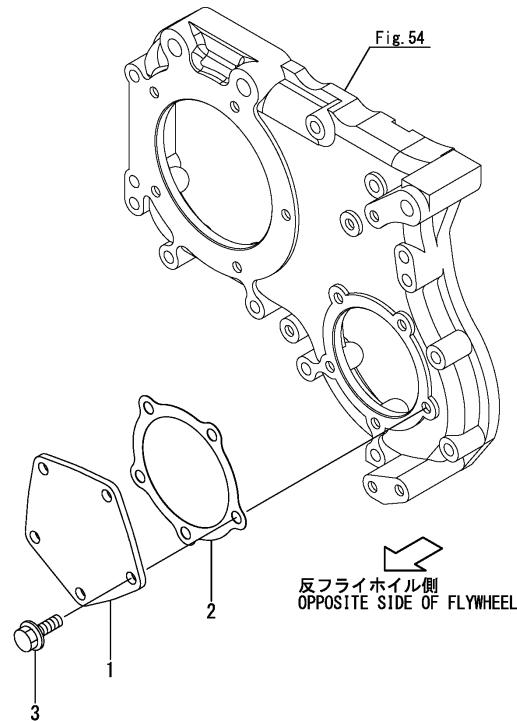
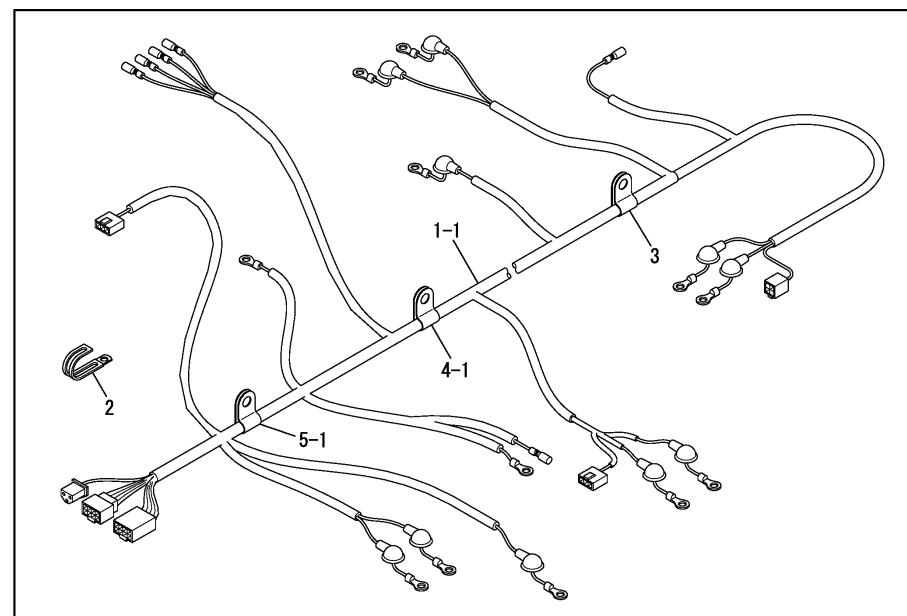
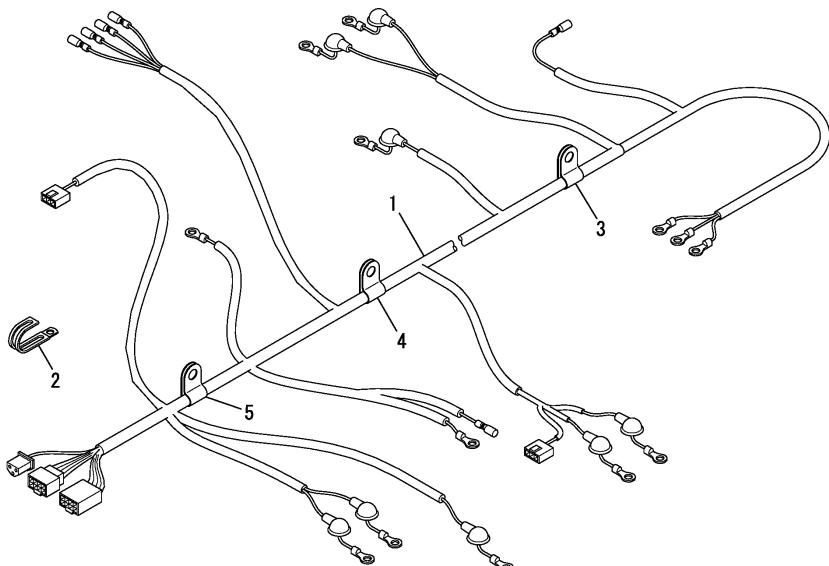


Fig.110. WIRE HARNESS(EARTH TYPE)

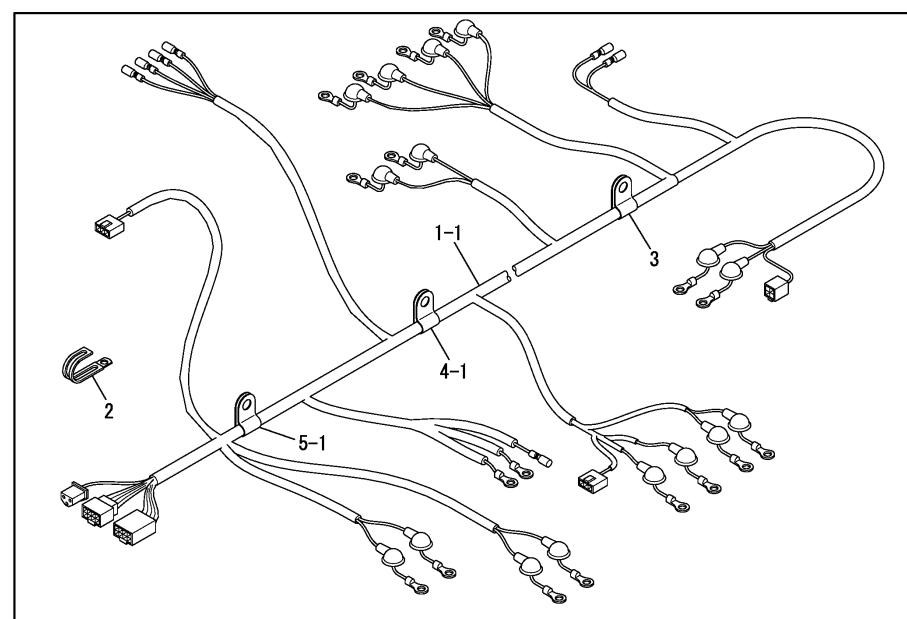
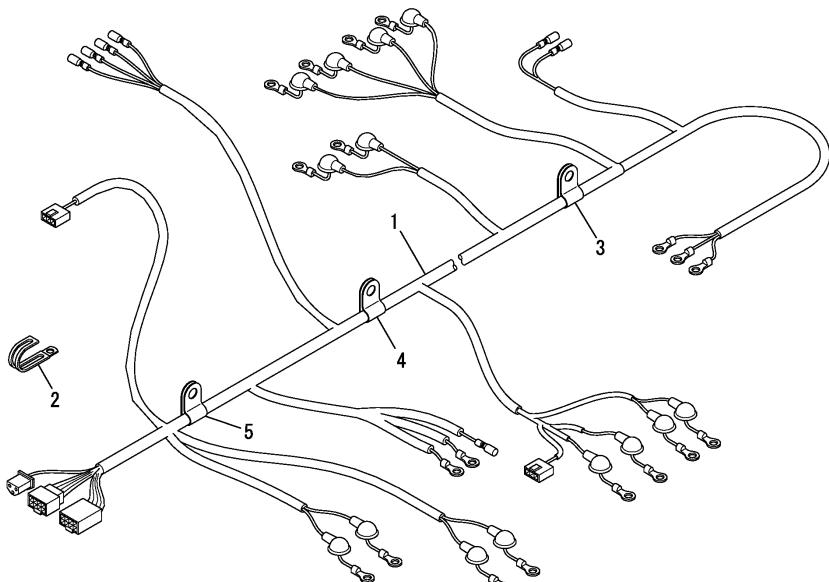


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-77571	HARNESS, WIRE	1 1 1		
1-1	1	148669-77900	HARNESS, WIRE (A=E/#7411) (B=E/#7404) (C=E/#7448)	1 1 1	S	
2	1	194180-51640	CLAMP, HARNESS D	1 1 1		
3	1	23297-150121	CLAMP, A15X12	1 1 1		
4	1	23297-180121	CLAMP, A18X12	1 1 1		
4-1	1	23297-200121	CLAMP, A20X12 (A=E/#7411) (B=E/#7404) (C=E/#7448)	1 1 1	S	
5	1	23297-200121	CLAMP, A20X12	1 1 1		
5-1	1	23297-250121	CLAMP, A25X12 (A=E/#7411) (B=E/#7404) (C=E/#7448)	1 1 1	S	

Fig.139. (110A)WIRE HARNESS(EARTH FLOAT TYPE)

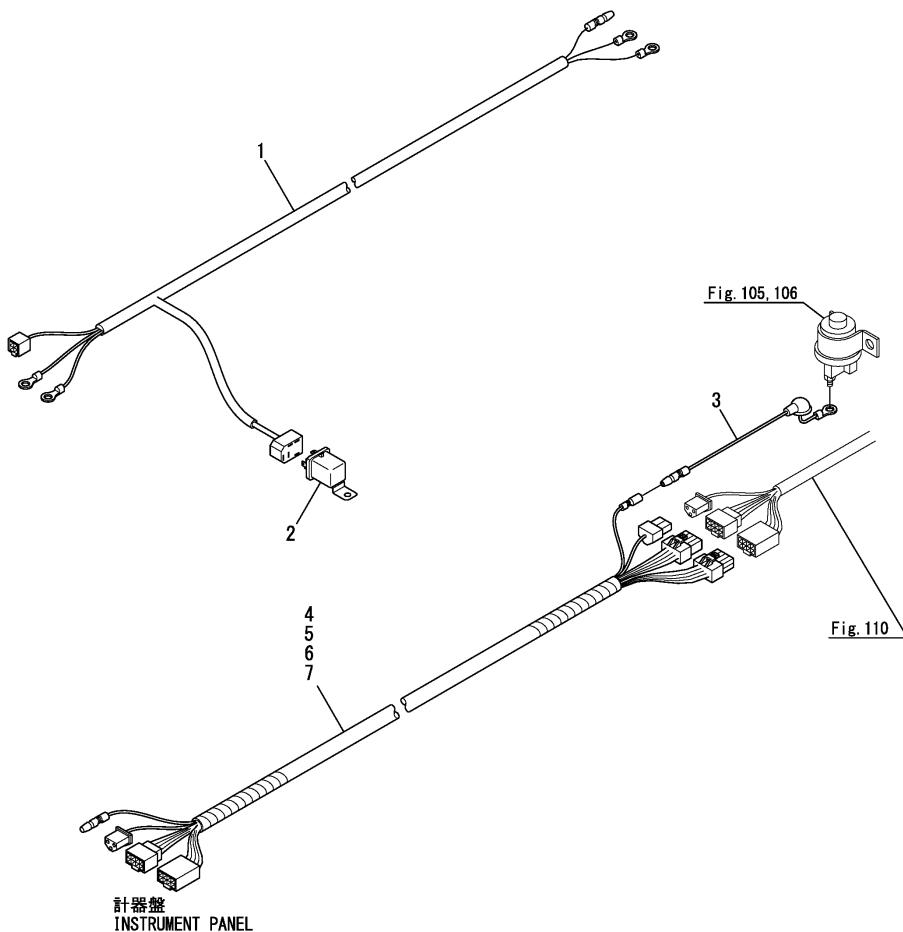


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty					(I)	(R)
				(A)	(B)	(C)	(D)	(E)		
1	1	148660-77581	HARNESS, WIRE	1	1	1				
1-1	1	148669-77910	HARNESS, WIRE (A=E/#7411)                   (B=E/#7404)                   (C=E/#7448)	1	1	1				S
2	1	194180-51640	CLAMP, HARNESS D	1	1	1				
3	1	23297-150121	CLAMP, A15X12	1	1	1				
4	1	23297-180121	CLAMP, A18X12	1	1	1				
4-1	1	23297-200121	CLAMP, A20X12 (A=E/#7411)                   (B=E/#7404)                   (C=E/#7448)	1	1	1				S
5	1	23297-200121	CLAMP, A20X12	1	1	1				
5-1	1	23297-250121	CLAMP, A25X12 (A=E/#7411)                   (B=E/#7404)                   (C=E/#7448)	1	1	1				S

Fig.111. SUB HARNESS &amp; NEUTRAL SWITCH

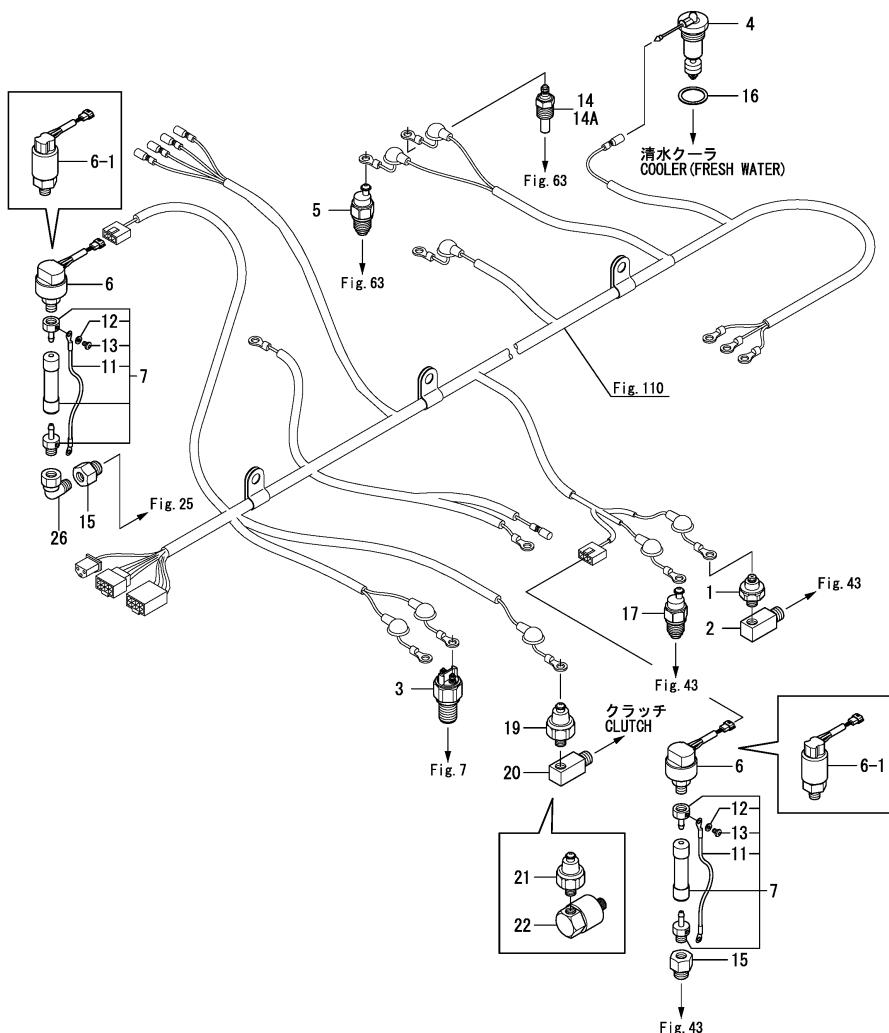


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty			I	R	
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148690-77700	HARNESS, STOP	1	1	1			
2	1	124617-91860	RELAY, 24V	1	1	1			
3	1	126617-77500	HARNESS, WIRE	1	1	1			
4	1	129574-77700 (A=E/#8143)	HARNESS, WIRE 3M (B=E/#8190) (C=E/#8150)	1	1	1			Z
5	1	129574-77710 (A=E/#8143)	HARNESS, WIRE 4M (B=E/#8190) (C=E/#8150)	1	1	1			Z
6	1	129574-77720 (A=E/#8143)	HARNESS, WIRE 6M (B=E/#8190) (C=E/#8150)	1	1	1			Z
7	1	46150-570800 (A=E/#8143)	HARNESS, WIRE 15M (B=E/#8190) (C=E/#8150)	1	1	1			Z

## Fig.112. SENSOR(EARTH TYPE)



## Remarks

- \* Exclusive figure for two-line fresh water/sea water cooling specification.
- (1)2-panel specification.
- (2)YX-240, YXH-240L, YX-181 specification.
- (3)YX-180L specification.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

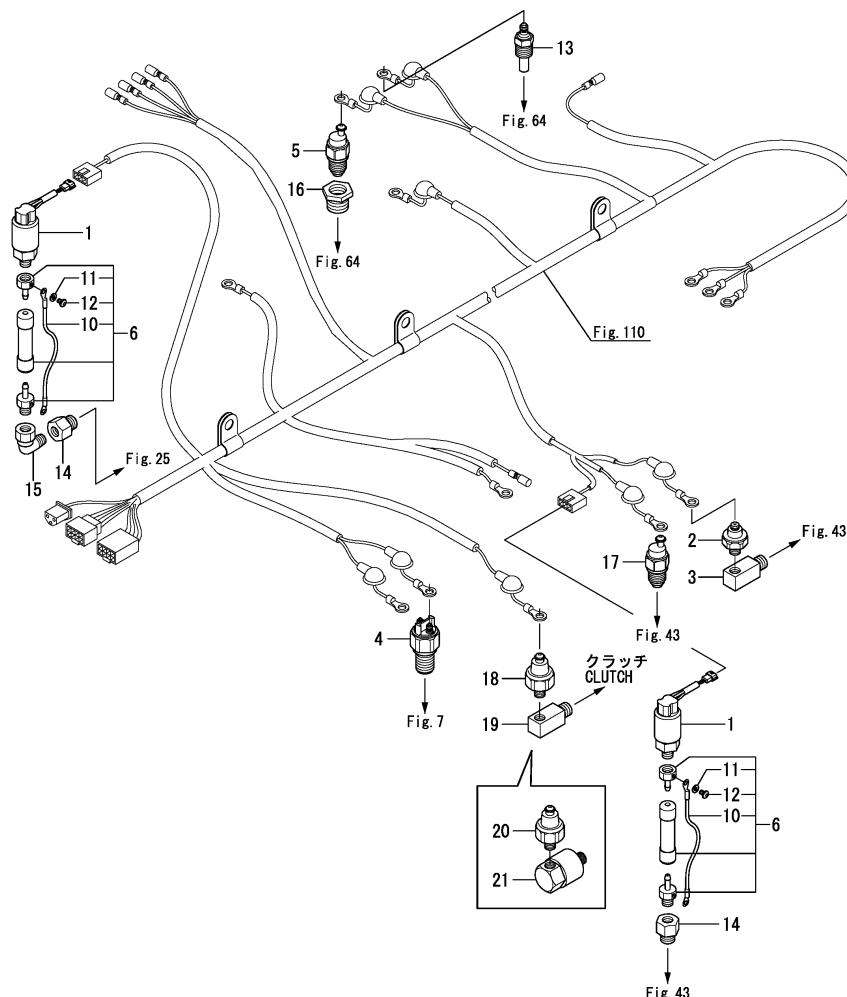
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	121250-39450	SWITCH, 1.0KG	1	1	1
2	1	123482-39670	DAMPER ASSY, PT1/4	1	1	1
3	1	124411-91160	SENSOR, TACHOMETER	1	1	1
4	1	127610-91221	SWITCH, FLOAT	1	1	1
5	1	127610-91350	SWITCH, TEMPERATURE	1	1	1
6	1	126684-91410	SENSOR, OIL BOOSTER	2	2	2
6-1	1	164000-32000	SENSOR, OIL BOOSTER	2	2	2
		(A=E/#5271) (B=E/#5275) (C=E/#5273)				R
7	1	126438-91501	JOINT ASSY, HYD	2	2	2
11	2	126438-91541	WIRE, EARTH	2	2	2
12	2	22217-040000	WASHER, SPRING 4	4	4	4
13	2	26557-040062	SCREW, M4X 6	4	4	4
14	1	144626-91570	SENDER UNIT	1	1	1
14A	1	129574-91570	SENSOR, TEMPERATURE	1	1	1
		(A=E/#8143) (B=E/#8190) (C=E/#8150)				Z 1
15	1	144626-91820	SPACER, SWITCH	2	2	2
15-1	1	144626-91821	SPACER, SWITCH	2	2	2
		(A=E/#4884) (B=E/#4887) (C=E/#5078)				R
16	1	22190-360002	WASHER, SEAL 36	1	1	1
17	1	46150-552450	SWITCH, THERMO 100C	1	1	1
17-1	1	46150-552451	SWITCH, THERMO	1	1	1
		(A=E/#7676) (B=**2018.11) (C=E/#7570)				
19	1	124060-39451	SWITCH, 0.2KG	1	1	1
20	1	123482-39680	DAMPER, PT3/8	1	1	1
21	1	124060-39451	SWITCH, 0.2KG	1		3
22	1	123482-39660	DAMPER, PT1/8	1		3
26	1	23112-010007	ELBOW, R1/8	1	1	1

Fig.140. (112A)SENSOR(EARTH TYPE)

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

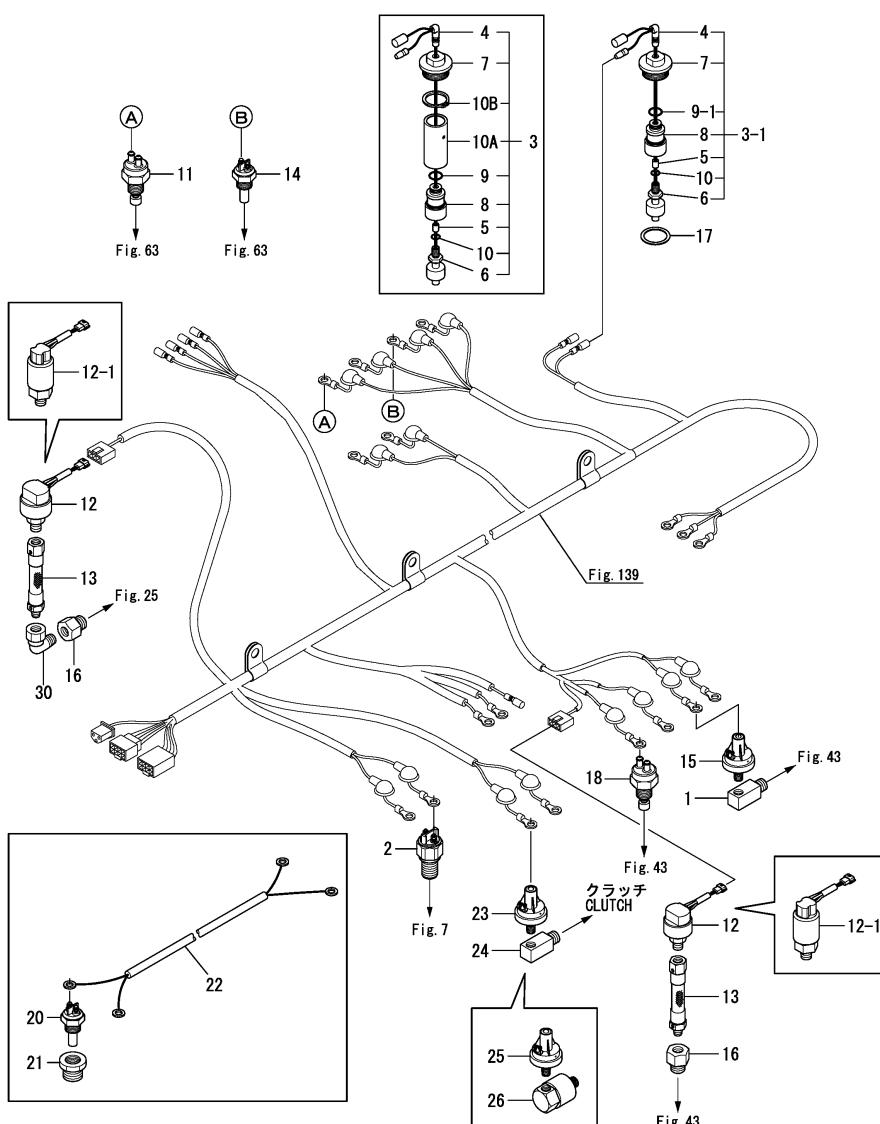


No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	164000-32000	SENSOR, OIL BOOSTER	2	2	2			
2	1	121250-39450	SWITCH, 1.0KG	1	1	1			
3	1	123482-39670	DAMPER ASSY, PT1/4	1	1	1			
4	1	124411-91160	SENSOR, TACHOMETER	1	1	1			
5	1	127610-91350	SWITCH, TEMPERATURE	1	1	1			
6	1	126438-91501	JOINT ASSY, HYD	2	2	2			
10	2	126438-91541	WIRE, EARTH	2	2	2			
11	2	22217-040000	WASHER, SPRING 4	4	4	4			
12	2	26557-040062	SCREW, M4X 6	4	4	4			
13	1	144626-91570	SENDER UNIT	1	1	1			
14	1	144626-91821	SPACER, SWITCH	2	2	2			
15	1	23112-010007	ELBOW, R1/8	1	1	1			
16	1	43570-023440	BUSH, SENSOR	1	1	1			
17	1	46150-552451	SWITCH, THERMO	1	1	1			
18	1	124060-39451	SWITCH, 0.2KG	1	1	1			1
19	1	123482-39680	DAMPER, PT3/8	1	1	1			1
20	1	124060-39451	SWITCH, 0.2KG			1			2
21	1	123482-39660	DAMPER, PT1/8			1			2

**Remarks**

- \* Exclusive figure for two-line fresh water/fresh water cooling specification.
- (1)YX-240, YXH-240L, YX-181 specification.
- (2)YX-180L specification.

## Fig.113. SENSOR(EARTH FLOAT TYPE)



(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	123482-39670	DAMPER ASSY, PT1/4	1	1	1
2	1	124411-91160	SENSOR, TACHOMETER	1	1	1
3	1	148633-91230	SWITCH, FLOAT	1	1	1
3-1	1	148660-91240 (A=E/#2303)	SWITCH, FLOAT (B=E/#2298) (C=E/#2472)	1	1	1
4	2	127610-77720	PROTECTOR, B	1	1	1
5	2	123682-77740	PROTECTOR, C	1	1	1
6	2	123672-91220	SWITCH, FLOAT	1	1	1
7	2	127610-91850	PLUG, SWITCH	1	1	1
8	2	127610-91860	SPACER, SWITCH	1	1	1
9	2	43400-500500	SEAL WASHER 16	1	1	1
9-1	2	22190-160003 (A=E/#2303)	WASHER, SEAL 16 (B=E/#2298) (C=E/#2472)	1	1	1
10	2	23414-100014	GASKET, 10X1.0	1	1	1
10A	2	127610-91880	COVER, SWITCH	1	1	1
10B	2	46111-500190 (A=E/#2303)	CIRCLIP, 25 (B=E/#2298) (C=E/#2472)	1	1	1
11	1	126630-91350	SWITCH, THERMO 95C	1	1	1
11-1	1	126630-91351 (A=E/#7580)	SWITCH, THERMO 95C (B=E/#7592) (C=E/#7574)	1	1	1
12	1	126684-91410	SENSOR, OIL BOOSTER	2	2	2
12-1	1	164000-32000 (A=E/#5271)	SENSOR, OIL BOOSTER (B=E/#5275) (C=E/#5273)	2	2	2
13	1	126684-91502	JOINT ASSY, RUBBER	2	2	2
14	1	126630-91570	SENSOR, WATER TEMP	1	1	1
15	1	126630-91581	SWITCH, HYDRAULIC	1	1	1
16	1	144626-91820	SPACER, SWITCH	2	2	2
16-1	1	144626-91821 (A=E/#4884)	SPACER, SWITCH (B=E/#4887) (C=E/#5078)	2	2	2
17	1	22190-360002	WASHER, SEAL 36	1	1	1
18	1	46150-504710	SWITCH, THERMO 100C	1	1	1
18-1	1	46150-504711 (A=E/#7615)	SWITCH, THERMO (B=E/#7618) (C=E/#7680)	1	1	1
20	1	126630-91570 (A=E/#8143)	SENSOR, WATER TEMP (B=E/#8190) (C=E/#8150)	2	2	2
21	1	43570-023440 (A=E/#8143)	BUSH, SENSOR (B=E/#8190) (C=E/#8150)	1	1	1
22	1	46150-571270 (A=E/#8143)	HARNESS, WIRE (B=E/#8190) (C=E/#8150)	1	1	1
23	1	126630-91591 (A=E/#8143)	SWITCH, HYDRAULIC (B=E/#8190) (C=E/#8150)	1	1	1
24	1	123482-39680	DAMPER, PT3/8	1	1	1
25	1	126630-91591	SWITCH, HYDRAULIC	1		3
26	1	123482-39660	DAMPER, PT1/8	1		3
30	1	23112-010007	ELBOW, R1/8	1	1	1

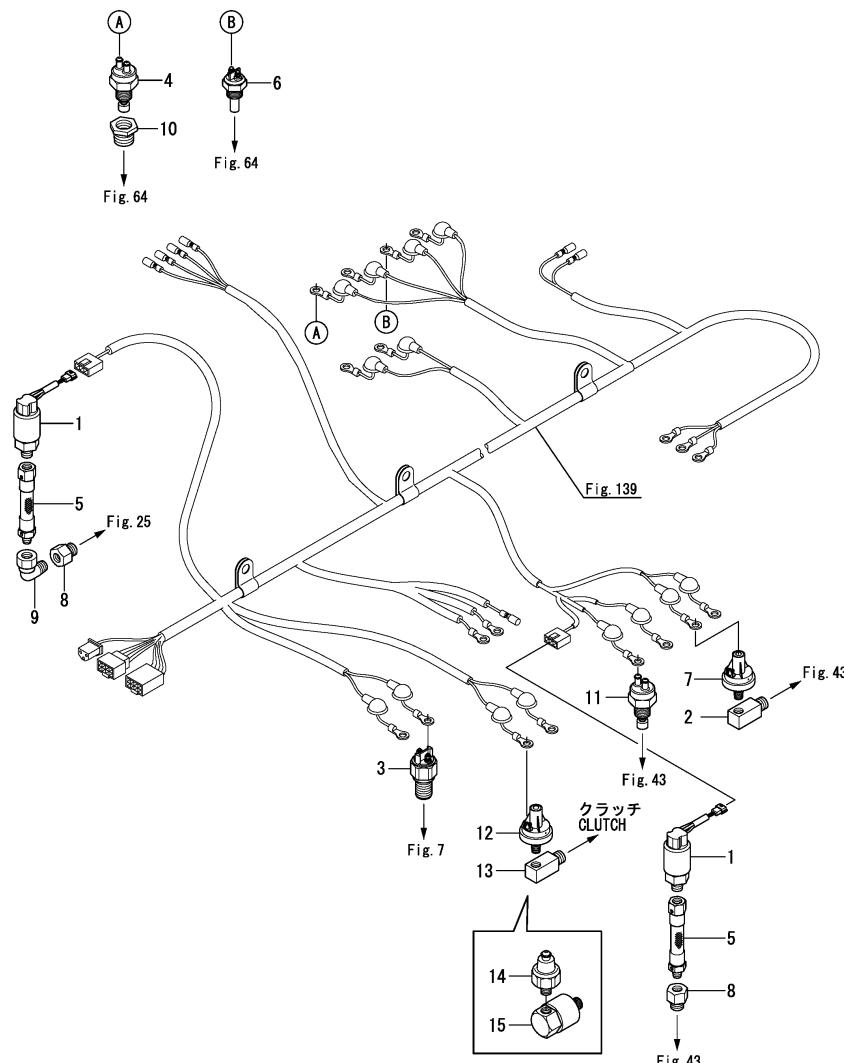
## Remarks

- \* Exclusive figure for two-line fresh water/sea water cooling specification.
- (1)2-panel specification.
- (2)YX-240, YXH-240L, YX-181 specification.
- (3)YX-180L specification.

Fig.141. (113A)SENSOR(EARTH FLOAT TYPE)

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	164000-32000	SENSOR, OIL BOOSTER	2	2	2		
2	1	123482-39670	DAMPER ASSY, PT1/4	1	1	1		
3	1	124411-91160	SENSOR, TACHOMETER	1	1	1		
4	1	126630-91351	SWITCH, THERMO 95C	1	1	1		
5	1	126684-91502	JOINT ASSY, RUBBER	2	2	2		
6	1	126630-91570	SENSOR, WATER TEMP	1	1	1		
7	1	126630-91581	SWITCH, HYDRAULIC	1	1	1		
8	1	144626-91821	SPACER, SWITCH	2	2	2		
9	1	23112-010007	ELBOW, R1/8	1	1	1		
10	1	43570-023440	BUSH, SENSOR	1	1	1		
11	1	46150-504711	SWITCH, THERMO	1	1	1		
12	1	124060-39451	SWITCH, 0.2KG	1	1	1		1
13	1	123482-39680	DAMPER, PT3/8	1	1	1		1
14	1	124060-39451	SWITCH, 0.2KG			1		2
15	1	123482-39660	DAMPER, PT1/8			1		2

## Remarks

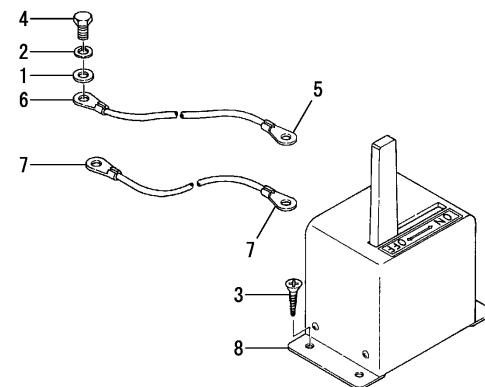
- \* Exclusive figure for two-line fresh water/fresh water cooling specification.
- (1)YX-240, YXH-240L, YX-181 specification.
- (2)YX-180L specification.

Fig.114. SWITCH(BATTERY)

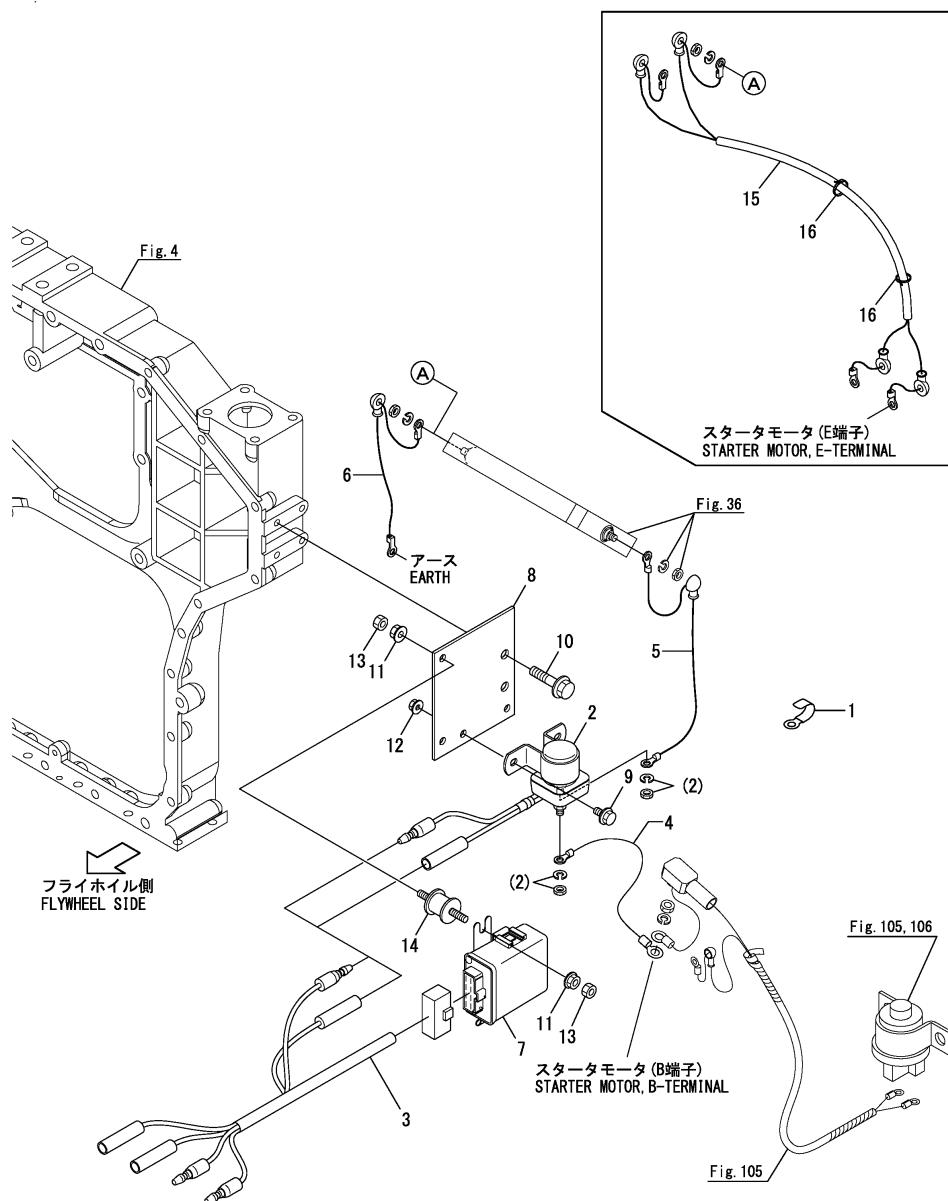
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	22137-100000	WASHER, 10	1	1	1					
2	1	22217-100000	WASHER, SPRING 10	1	1	1					
3	1	22724-800380	SCREW, 8.0X38	4	4	4					
4	1	26106-100202	BOLT, M10X 20 PLATED	1	1	1					
5	1	29110-080010	TERMINAL, 80.0-10	2	2	2					
6	1	29110-150010	TERMINAL, 150.0-10	1	1	1					
7	1	29110-150012	TERMINAL, 150.0-12	2	2	2					
8	1	46120-000950	SWITCH, BATTERY	1	1	1					



## Fig.115. AIR HEATER ACCESSORIES



## Remarks

- (1)Earth type.  
(2)Earth float type.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

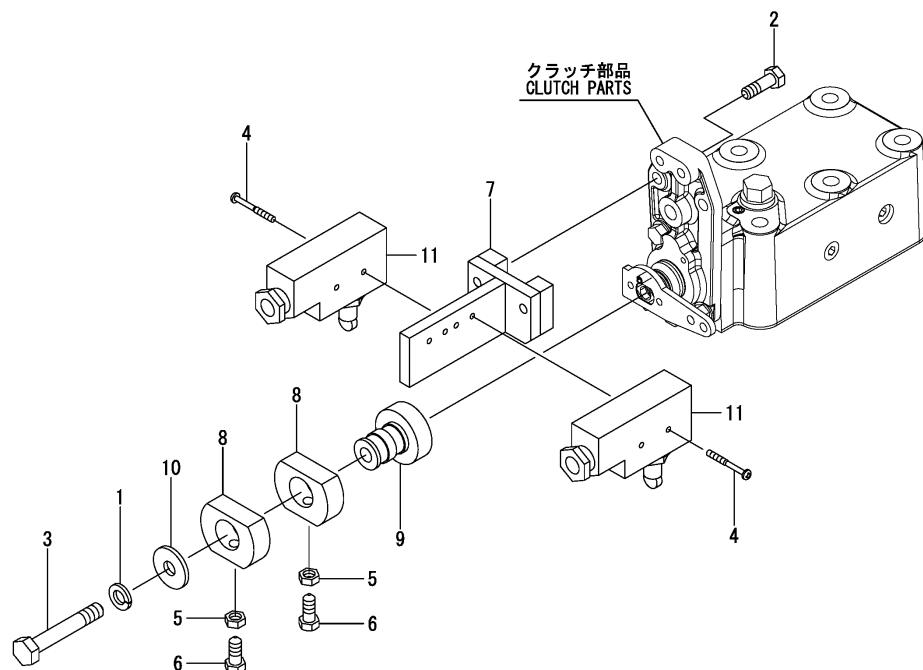
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	194180-51640	CLAMP, HARNESS D	1	1	1			
2	1	128634-77531	RELAY, GLOW	1	1	1			
3	1	148660-77640	HARNESS, AIR HEATER	1	1	1			
4	1	148660-77650	WIRE, RELAY A	1	1	1			
5	1	148660-77660	WIRE, B	1	1	1			
6	1	148660-77670	WIRE, HEATER EARTH C	1	1	1			1
7	1	126683-77700	CONTROLLER, HEATER	1	1	1			
8	1	148660-77900	BRACKET, CONTROLLER	1	1	1			
9	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2			
10	1	26106-080352	BOLT, M8X 35 PLATED	2	2	2			
11	1	26366-060002	NUT, M6	4	4	4			
12	1	26366-060002	NUT, M6	2	2	2			
13	1	26756-060002	NUT, LOCK M6	4	4	4			
14	1	41411-001581	RUBBER, CUSHION	2	2	2			
15	1	148660-77680	WIRE, HEATER B	1	1	1			2
16	1	29621-100000	BAND, TR100	2	2	2			2

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.142. (115A)LIMIT SWITCH

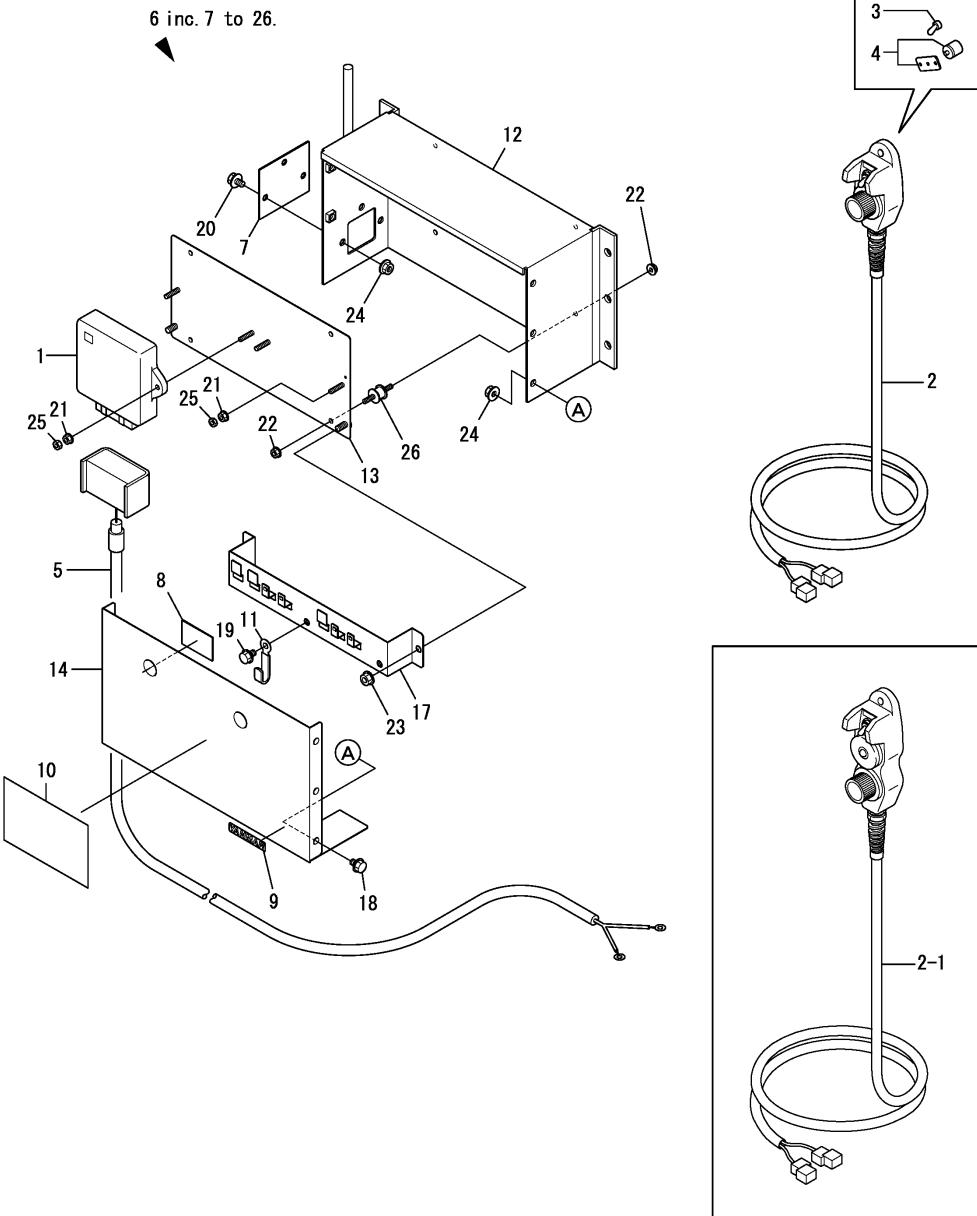


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	22217-100000	WASHER, SPRING 10	1	1	1			
2	1	26206-080252	BOLT, M8X 25 PLATED	2	2	2			
3	1	26206-100652	BOLT, M10X 65 PLATED	1	1	1			
4	1	26557-040352	SCREW, M4X35	4	4	4			
5	1	26756-080002	NUT, LOCK M8	2	2	2			
6	1	26956-080202	BOLT, M8X 20	2	2	2			
7	1	41710-551100	PLATE, SWITCH	1	1	1			
8	1	41710-551110	CAM, LIMIT SWITCH	2	2	2			
9	1	41710-551120	STAY, CAM	1	1	1			
10	1	41710-551130	WASHER, 10	1	1	1			
11	1	46130-000110	SWITCH, MICRO	2	2	2			

## Fig.116. CONTROL BOX(ELECTRIC TROLLING)



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	185700-00201	CONTROLLER ASSY	1		1					
2	1	177503-04311	DIAL, TROLLING	1		1					
2-1	1	46150-579890	DIAL, TRAWLING 12M	1		1				S	
3		(A=2021.04) 2 177503-04390	(C=2021.04) CAP			1		1		Z	
		(A=2021.04)	(C=2021.04)								
4	2	177503-04400	COVER ASSY	1		1				Z	
		(A=2021.04)	(C=2021.04)								
5	1	177561-04630	HARNESS, WIRE	1		1					
6	1	177561-04850	BOX ASSY, CONTROLLER	1		1					
7	2	177561-04860	COVER, CONTROL BOX	1		1					
8	2	175046-05550	PLATE	2		2					
9	2	104507-07190	LABEL, YANMAR MARK	1		1					
10	2	126684-07660	LABEL	1		1					
11	2	105430-67110	CLAMP, CORD	2		2					
12	2	126684-77201	BRACKET, CONTROLLER	1		1					
13	2	126684-77210	PLATE, CONTROLLER	1		1					
14	2	126684-77220	COVER, CONTROLLER A	1		1					
17	2	126684-77240	BRACKET, CONNECTOR	1		1					
18	2	26106-080122	BOLT, M8X 12 PLATED	5		5					
19	2	26106-080122	BOLT, M8X 12 PLATED	2		2					
20	2	26106-080122	BOLT, M8X 12 PLATED	3		3					
21	2	26366-060002	NUT, M6	4		4					
22	2	26366-060002	NUT, M6	8		8					
23	2	26366-080002	NUT, M8	2		2					
24	2	26366-080002	NUT, M8	3		3					
25	2	26756-060002	NUT, LOCK M6	4		4					
26	2	41411-001581	RUBBER, CUSHION	4		4					

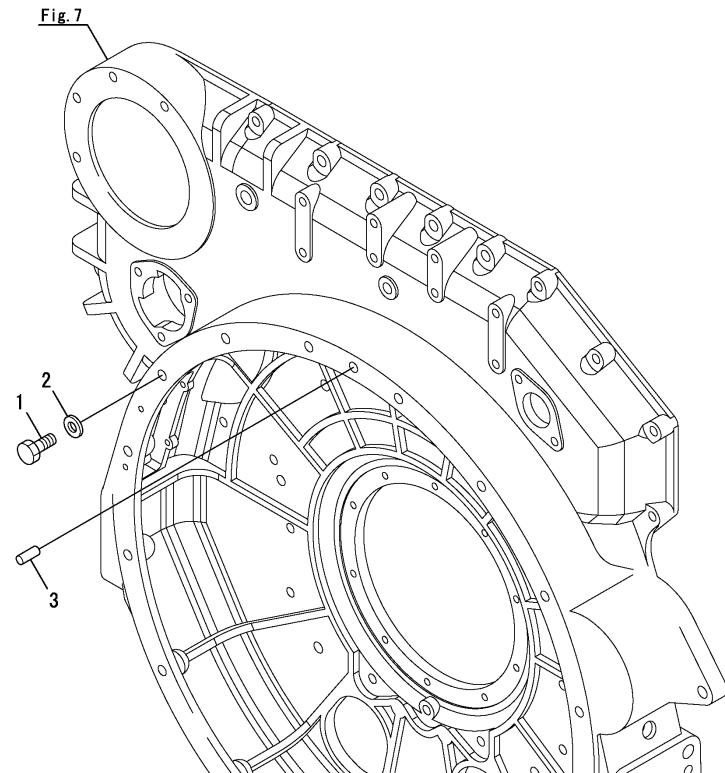
N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.117. ATTACHED BOLT(CLUTCH)

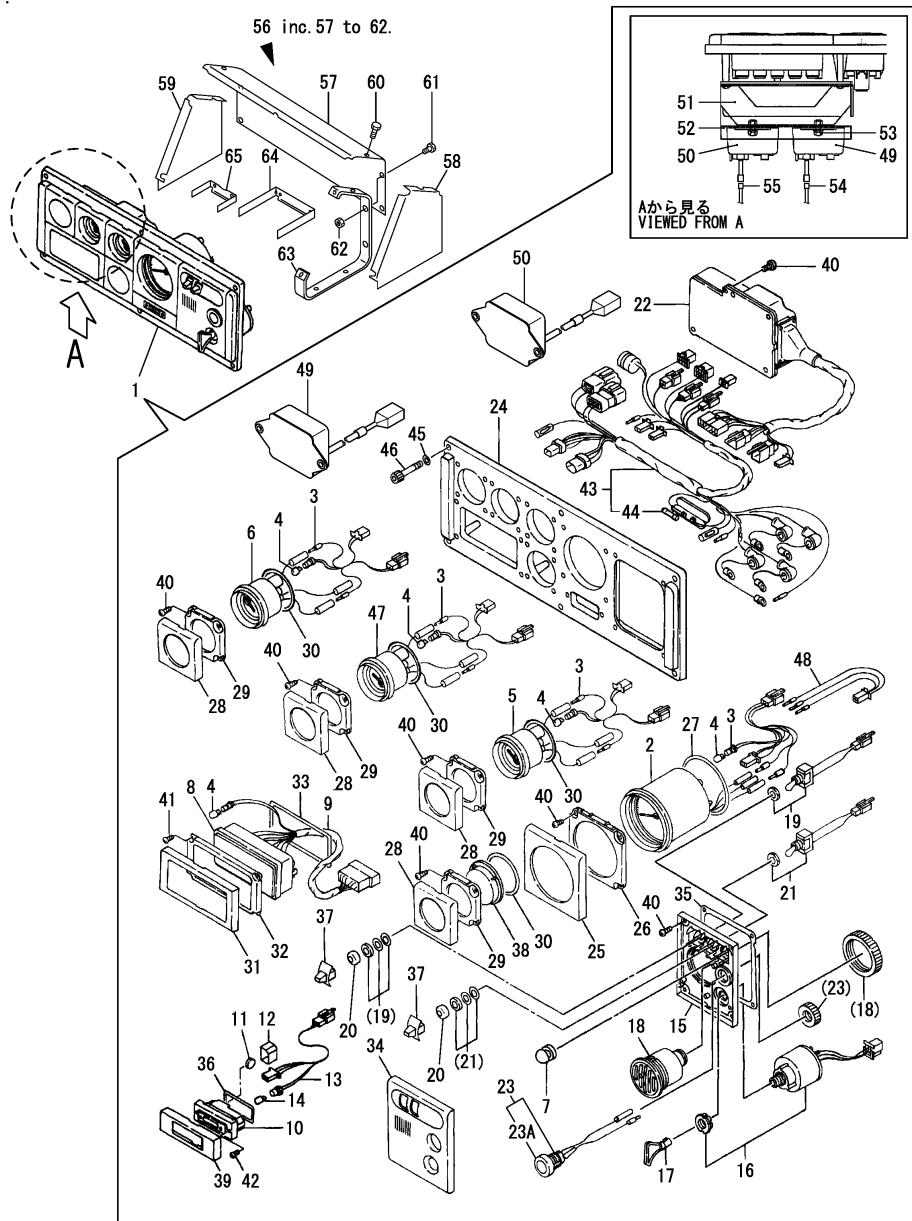
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	26206-120302	BOLT, M12X 30 PLATED	16 16 16		
2	1	22117-120000	WASHER, 12	16 16 16		
3	1	22312-100250	PIN, PARALLEL M10X25	1 1 1		



## Fig.118. INSTRUMENT PANEL(TO JUNE 2019)



## Remarks

(1)Optional parts.

(2)Not needed when mounting on the side.

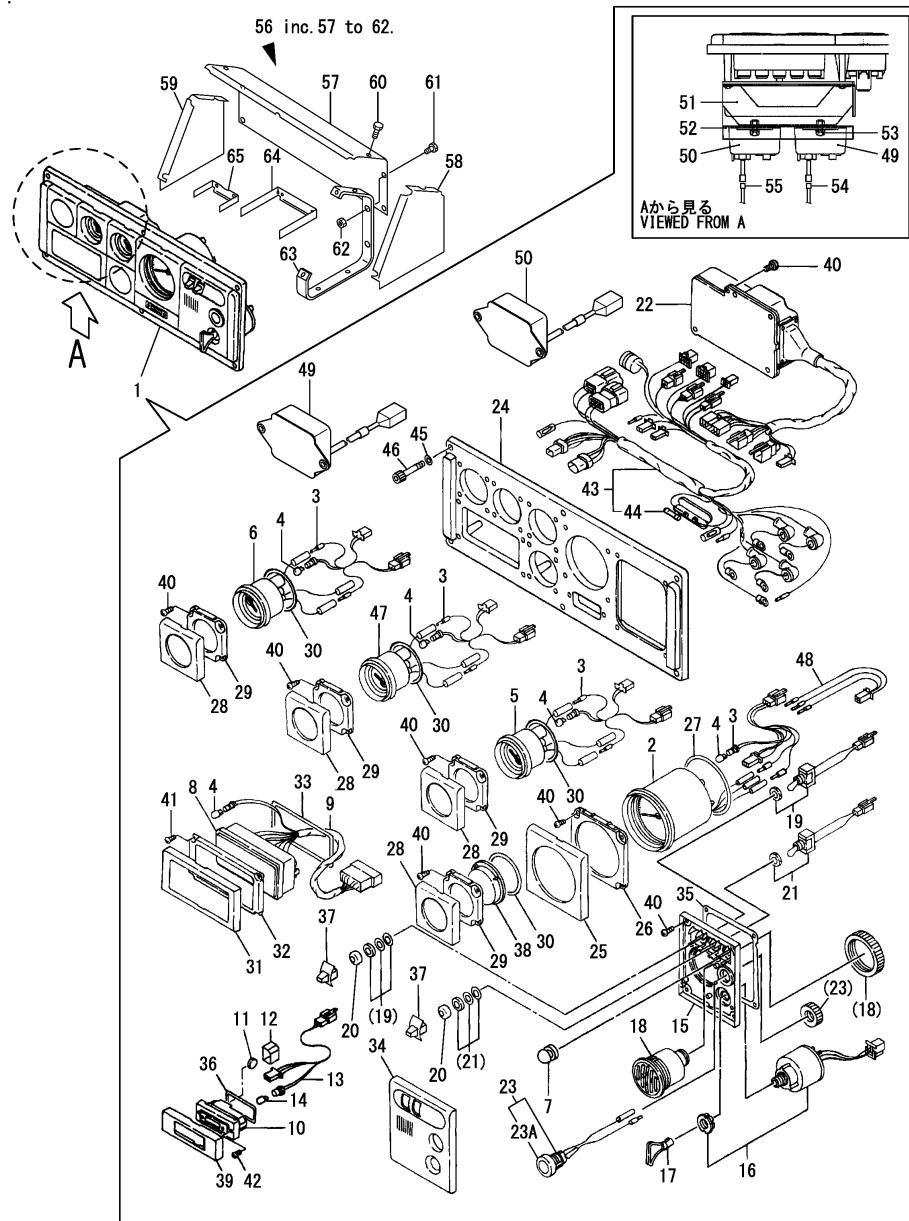
(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	148018-91211 (A-E/#8143)	PANEL ASSY (B-E/#8190) (C-E/#8150)	1	1	1		Z
2	2	148018-91201	TACHOMETER, P180/24V	1	1	1		
3	2	129574-91870	HARNESS, PANEL	4	4	4		
4	2	127620-91660	BULB, 24V-1.5W	7	7	7		
5	2	127692-91210	THERMOMETER, WATER	1	1	1		
6	2	126684-91301	GAUGE, PRESSURE	1	1	1		
7	2	129170-91810	COVER, SWITCH	1	1	1		
8	2	119189-91260	BOX, PANEL	1	1	1		
9	2	127692-91860	HARNESS, WIRE	1	1	1		
10	2	129574-91240	CLOCK, LCD	1	1	1		
11	2	127620-91250	BATTERY, SR44	1	1	1		
12	2	129574-91490	HOLDER	1	1	1		
13	2	129574-91880	HARNESS, WIRE	1	1	1		
14	2	127687-91760	BULB, 24V-1.5W T5	1	1	1		
15	2	129574-91410	PLATE, SWITCH	1	1	1		
16	2	121575-91250	SWITCH, KEY	1	1	1		
17	2	123482-91291	KEY, SWITCH	1	1	1		
18	2	127692-91350	BUZZER, 24V	1	1	1		
19	2	129574-91800	SWITCH, BUZZER MR2P	1	1	1		
20	2	129574-91780	CAP, RUBBER	2	2	2		
21	2	129574-91790	SWITCH, R2P	1	1	1		
22	2	127692-91270	CIRCUIT, ALARM	1	1	1		
23	2	129470-91190	SWITCH, ENGINE STOP	1	1	1		
23A	3	129470-91210	CAP, RUBBER STOP	1	1	1		
24	2	129574-91930	PANEL, VISOR D	1	1	1		
25	2	129574-91620	BEZEL, TACHOMETER	1	1	1		
26	2	129574-91420	PLATE, TACHOMETER	1	1	1		
27	2	129574-91720	GASKET	1	1	1		
28	2	129574-91630	BEZEL, SUB METER	4	4	4		
29	2	129574-91430	PLATE, MOUNTING	4	4	4		
30	2	129574-91730	GASKET	4	4	4		
31	2	129574-91640	BEZEL, ALARM 10	1	1	1		
32	2	129574-91440	PLATE, MOUNTING	1	1	1		
33	2	129574-91740	GASKET	1	1	1		
34	2	129170-91610	BEZEL, TILT SWITCH	1	1	1		
35	2	129574-91710	GASKET, SWITCH	1	1	1		
36	2	129574-91750	GASKET,	1	1	1		
37	2	129574-91770	KNOB, SWITCH	2	2	2		
38	2	129574-91600	COVER	1	1	1		
39	2	129574-91650	BEZEL, CLOCK	1	1	1		
40	2	127692-91410	SCREW, M4X12	27	27	27		
41	2	127692-91440	SCREW, M4X12	4	4	4		
42	2	127692-91450	SCREW, M3X12	2	2	2		
43	2	X55109575A0	HARNESS, MAIN	1	1	1		
44	3	46150-003620	FUSE	1	1	1		
45	2	127687-91880	WASHER, PLAIN 6	6	6	6		
46	2	127687-91870	BOLT, M6X35	6	6	6		
47	2	126684-91321	GAUGE, PRESSURE	1	1	1		
48	2	129574-91890	HARNESS, WIRE	1	1	1		
49	2	126684-91330	BOX, CONTROL	1	1	1		

N:Old Yes New, Q:Old Yes New, R:Old Yes New, S:Old Yes New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++ Copyright (C) 2020 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

Fig.118. INSTRUMENT PANEL(TO JUNE 2019)



## Remarks

(1)Optional parts.

(2)Not needed when mounting on the side.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

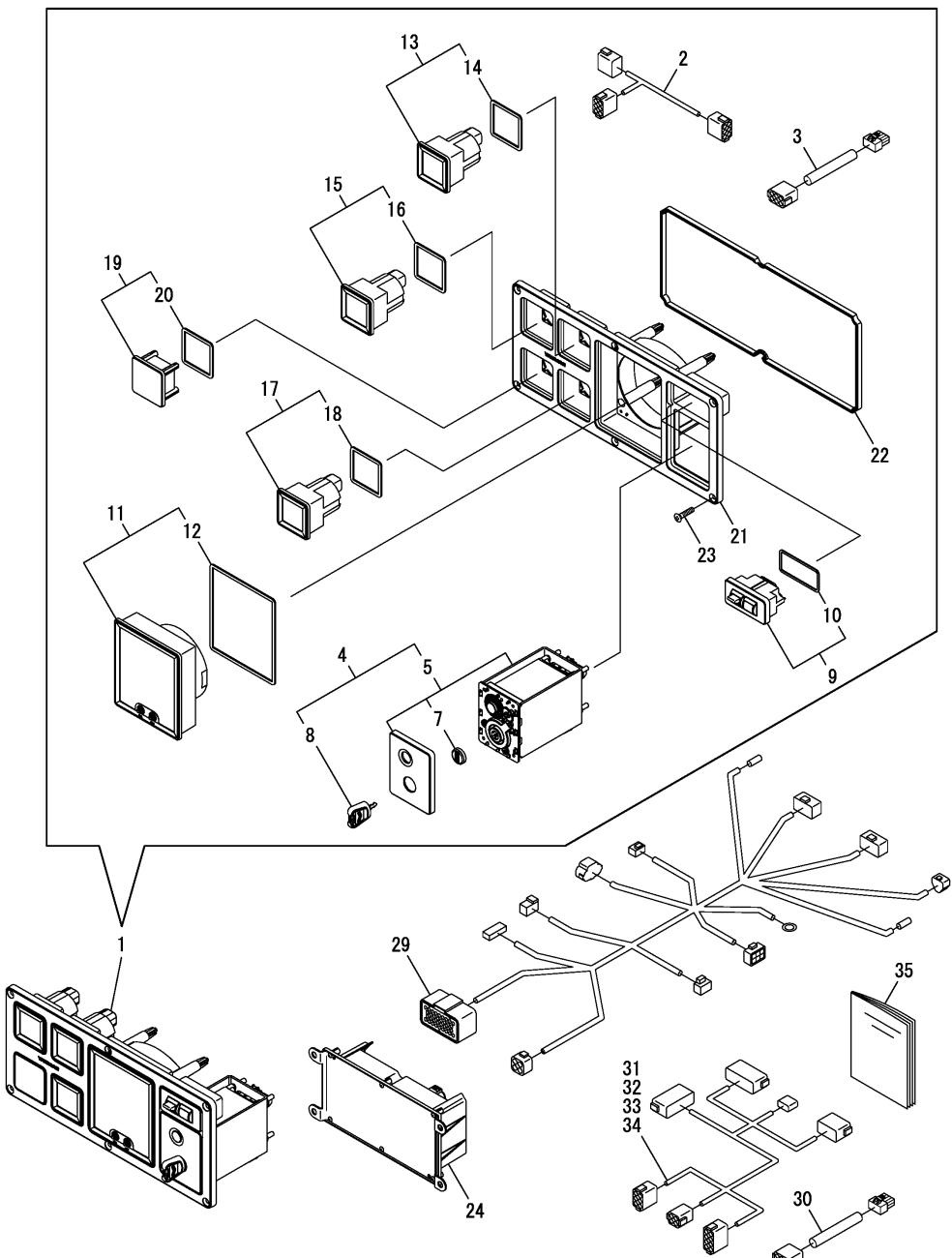
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
50	2	126684-91340	BOX, OIL CONTROL	1	1	1		
51	2	126684-91350	BRACKET, BOX	1	1	1		
52	2	126684-91360	COVER, CONTROL BOX	1	1	1		
53	2	126684-91370	SCREW, M6X12	4	4	4		
54	2	126684-91380	HARNESS, CONTROLLER	1	1	1		
55	2	126684-91390	HARNESS, CONTROLLER	1	1	1		
56	1	127692-91900	COVER, PANEL	1	1	1		1
57	2	127692-91950	COVER, REAR	1	1	1		
58	2	129574-91960	COVER, PANEL R	1	1	1		
59	2	129574-91970	COVER, PANEL L	1	1	1		
60	2	26559-060122	SCREW, M6X12	2	2	2		
61	2	26556-060122	SCREW M 6X12	4	4	4		2
62	2	26716-060002	NUT, M6	4	4	4		2
63	1	129574-91530	BRACKET, PANEL	2	2	2		1
64	1	129574-91540	BRACKET, TACHOMETER	1	1	1		1
65	1	129574-91550	BRACKET, METER	1	1	1		1

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.129. (118A)INSTRUMENT PANEL(3G)(D-TYPE)(FROM 2019.07)

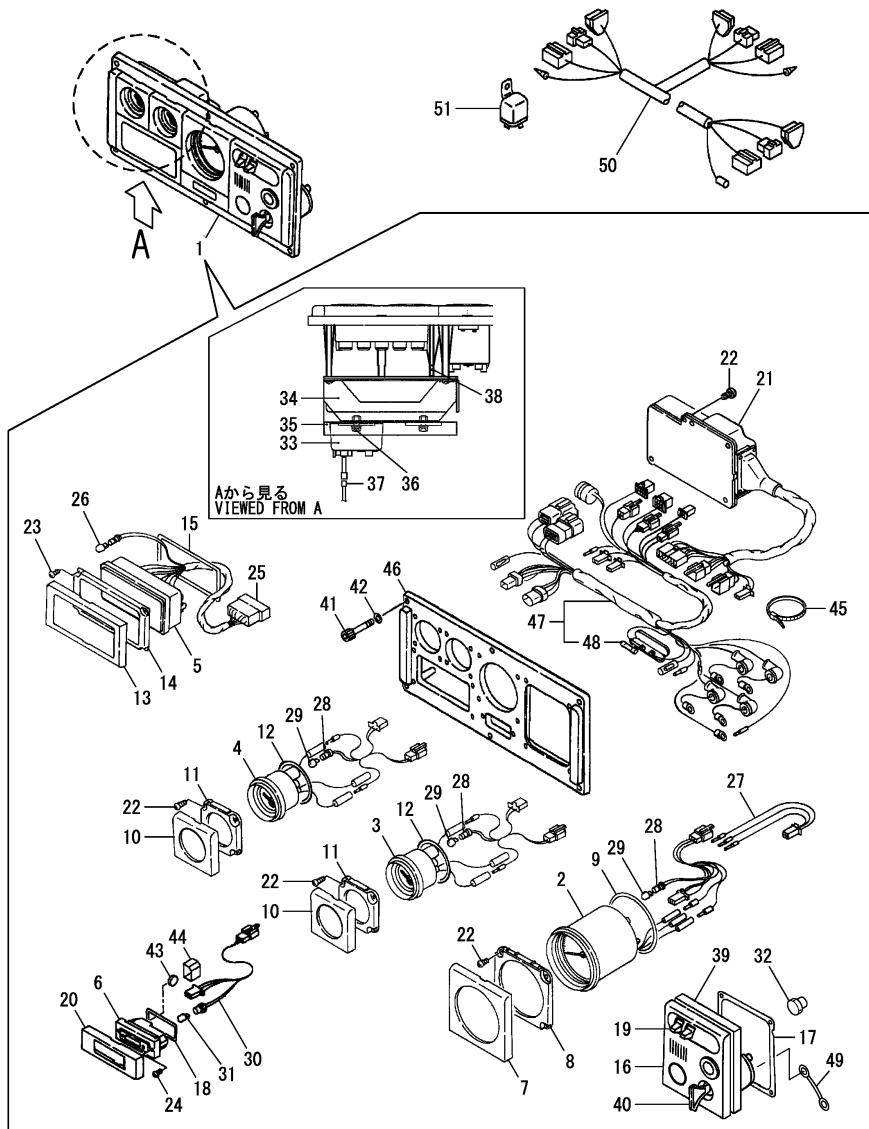


No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	164010-05020 (A=E/#8143)	PANEL,INSTRUMENT 3G (B=**2019.07)	1	1	1			W	
1-1	1	164010-05021 (A=E/#8143)	PANEL,INSTRUMENT 3G (B=E/#8190)	1	1	1			N	
2	2	164010-21600 (C=E/#8150)	HARNESS,SUB METER	3	3	3				
3	2	164010-29100	ADAPTER,TERMINAL MET	1	1	1				
4	2	164010-30010	PANEL ASSY,KEY SW S	1	1	1				
5	3	164010-31100	PANEL,KEY SWITCH S	1	1	1				
7	4	164010-31020	PACKING,KEY CYLINDER	1	1	1				
8	3	164010-71020	KEY,3G	2	2	2				
9	2	164010-31500	PANEL,SUB SWITCH	1	1	1				
10	3	164010-31410	PACKING,SUB SWITCH	1	1	1				
11	2	164010-51100	METER,TACHO 3000	1	1	1				
11-1	2	164010-51101 (A=E/#8143)	METER,TACHO 3000 (B=E/#8190)	1	1	1			N	
12	3	164010-51010	PACKING,TACHOMETER	1	1	1				
13	2	164010-52000	METER,CW TEMPERATURE	1	1	1				
14	3	164010-52010	PACKING,SUB METER	1	1	1				
15	2	164010-53000	METER,ENG OIL PRESS	1	1	1				
16	3	164010-52010	PACKING,SUB METER	1	1	1				
17	2	164010-53100	METER,BOOST PRESS	1	1	1				
18	3	164010-52010	PACKING,SUB METER	1	1	1				
19	2	164010-59000	COVER,SUB METER	1	1	1				
20	3	164010-52010	PACKING,SUB METER	1	1	1				
21	2	164010-73000	FRAME,PANEL D	1	1	1				
22	2	164010-73010	PACKING,PANEL D	1	1	1				
23	2	164010-73020	BOLT,FRAME M6	6	6	6				
24	1	164010-16230	CONVERTER ASSY,A/C	1	1	1				
24-1	1	164010-16231 (A=E/#8143)	CONVERTER ASSY,A/C (B=E/#8190)	1	1	1			N	
29	1	164010-21040	HARNESS,CONV-ENG D	1	1	1				
30	1	164010-29000	ADAPTER,TERMINAL	1	1	1				
31	1	164010-21210 (A=E/#8143)	HARNESS,3G PANEL 3M (B=E/#8190)	1	1	1			W	
32	1	164010-21220 (A=E/#8143)	HARNESS,3G PANEL 5M (B=**2019.07)	1	1	1			W	
33	1	164010-21230 (A=E/#8161)	HARNESS,3G PANEL 10M (B=**2019.07)	1	1	1			W	
34	1	164010-21240 (A=E/#8157)	HARNESS,3G PANEL 15M (B=E/#8190)	1	1	1			W	
35	1	164010-95000 (A=E/#8143)	MANUAL,3G PANEL (B=E/#8190)	1	1	1			W	

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.119. SUB PANEL(TO JUNE 2019)



## Remarks

(1)This part is connected to terminal 30 and terminal AC of the key switch.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

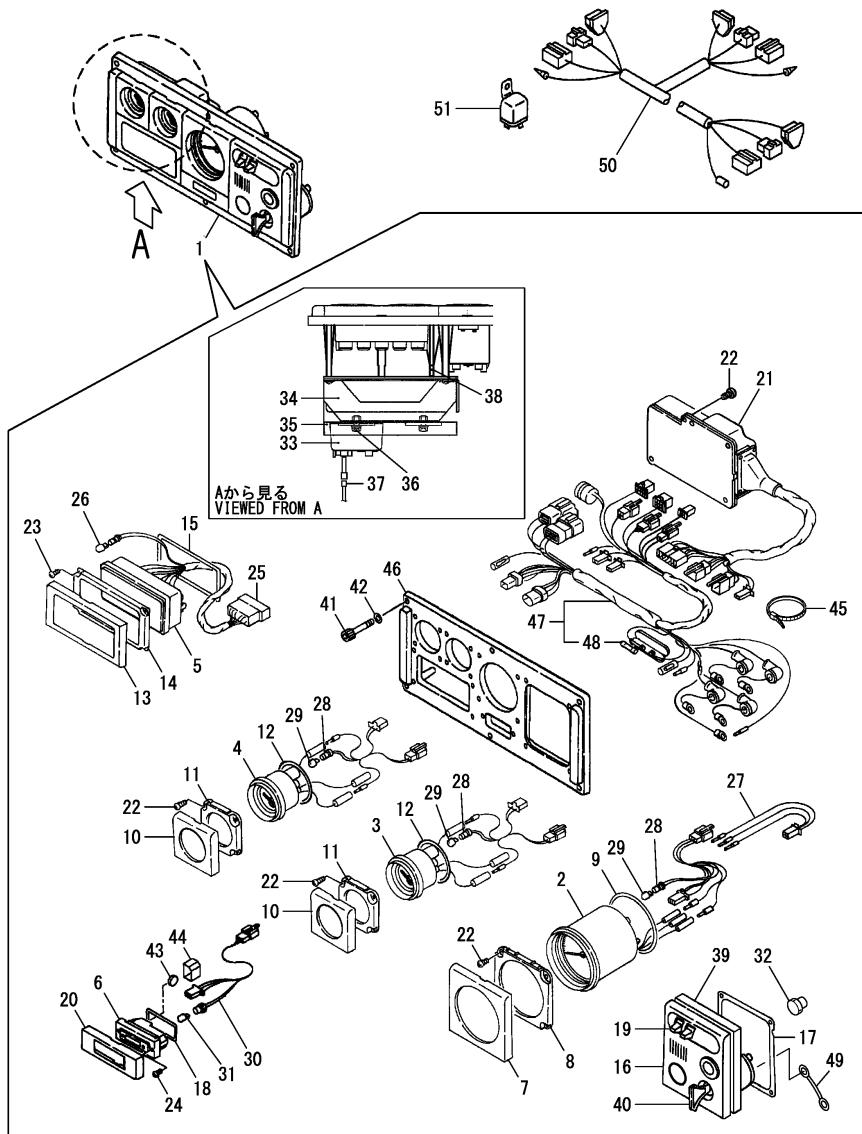
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	148634-91211 (A-E/#8143)	PANEL ASSY, SUB (B=E/#8190) (C=E/#8150)	1	1	1			Z
2	2	148018-91201	TACHOMETER, P180/24V	1	1	1			
3	2	127692-91210	THERMOMETER, WATER	1	1	1			
4	2	126684-91321	GAUGE, PRESSURE	1	1	1			
5	2	119189-91260	BOX, PANEL	1	1	1			
6	2	129574-91240	CLOCK, LCD	1	1	1			
7	2	129574-91620	BEZEL, TACHOMETER	1	1	1			
8	2	129574-91420	PLATE, TACHOMETER	1	1	1			
9	2	129574-91720	GASKET	1	1	1			
10	2	129574-91630	BEZEL, SUB METER	2	2	2			
11	2	129574-91430	PLATE, MOUNTING	2	2	2			
12	2	129574-91730	GASKET	2	2	2			
13	2	129574-91640	BEZEL, ALARM 10	1	1	1			
14	2	129574-91440	PLATE, MOUNTING	1	1	1			
15	2	129574-91740	GASKET	1	1	1			
16	2	129170-91610	BEZEL, TILT SWITCH	1	1	1			
17	2	129574-91710	GASKET, SWITCH	1	1	1			
18	2	129574-91750	GASKET,	1	1	1			
19	2	129574-91770	KNOB, SWITCH	2	2	2			
20	2	129574-91650	BEZEL, CLOCK	1	1	1			
21	2	127692-91270	CIRCUIT, ALARM	1	1	1			
22	2	127692-91410	SCREW, M4X12	19	19	19			
23	2	127692-91440	SCREW, M4X12	4	4	4			
24	2	127692-91450	SCREW, M3X12	2	2	2			
25	2	127692-91860	HARNESS, WIRE	1	1	1			
26	2	127620-91660	BULB, 24V-1.5W	7	7	7			
27	2	129574-91890	HARNESS, WIRE	1	1	1			
28	2	129574-91870	HARNESS, PANEL	3	3	3			
29	2	127620-91660	BULB, 24V-1.5W	3	3	3			
30	2	129574-91880	HARNESS, WIRE	1	1	1			
31	2	127684-91760	BULB	1	1	1			
32	2	129574-91760	COVER, STOP CABLE	1	1	1			
33	2	126684-91340	BOX, OIL CONTROL	1	1	1			
34	2	126684-91350	BRACKET, BOX	1	1	1			
35	2	126684-91360	COVER, CONTROL BOX	1	1	1			
36	2	126684-91370	SCREW, M6X12	4	4	4			
37	2	126684-91390	HARNESS, CONTROLLER	1	1	1			
38	2	198220-56160	PACKING, REFLECTOR	2	2	2			
39	2	119593-91100	BOX ASSY, SWITCH	1	1	1			
40	2	123482-91291	KEY, SWITCH	1	1	1			
41	2	127687-91870	BOLT, M6X35	6	6	6			
42	2	127687-91880	WASHER, PLAIN 6	6	6	6			
43	2	127620-91250	BATTERY, SR44	1	1	1			
44	2	129574-91490	HOLDER	1	1	1			
45	2	198451-78680	CLAMP, CORD	2	2	2			
46	2	129170-91930	PANEL, VISOR C	1	1	1			
47	2	X55107948A0	HARNESS, WIRE	1	1	1			
48	3	46150-003620	FUSE	1	1	1			
49	2	126683-91820	CORD ASSY, SWITCH	1	1	1			
50	1	129574-77980	HARNESS, WIRE	1	1	1			Z

N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++

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Fig.119. SUB PANEL(TO JUNE 2019)



## Remarks

(1)This part is connected to terminal 30 and terminal AC of the key switch.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
51	1	124617-91860	RELAY, 24V (A=E/#8143) (B=E/#8190) (C=E/#8150) (A=E/#8143) (B=E/#8190) (C=E/#8150)	1 1 1	Z	

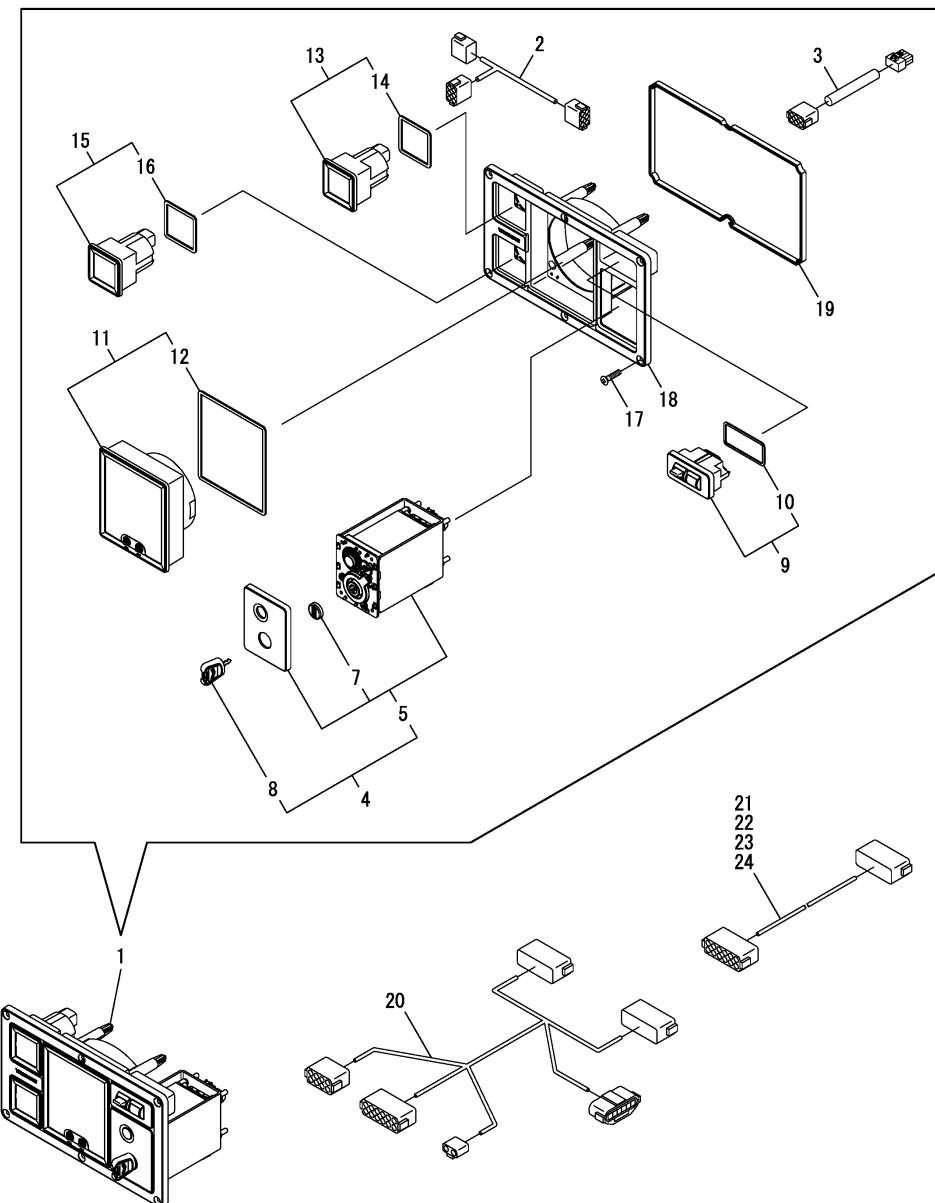
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.130. (119A)INSTRUMENT PANEL(3G)(C-TYPE)(SUB PANEL)(FROM 2019.07)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

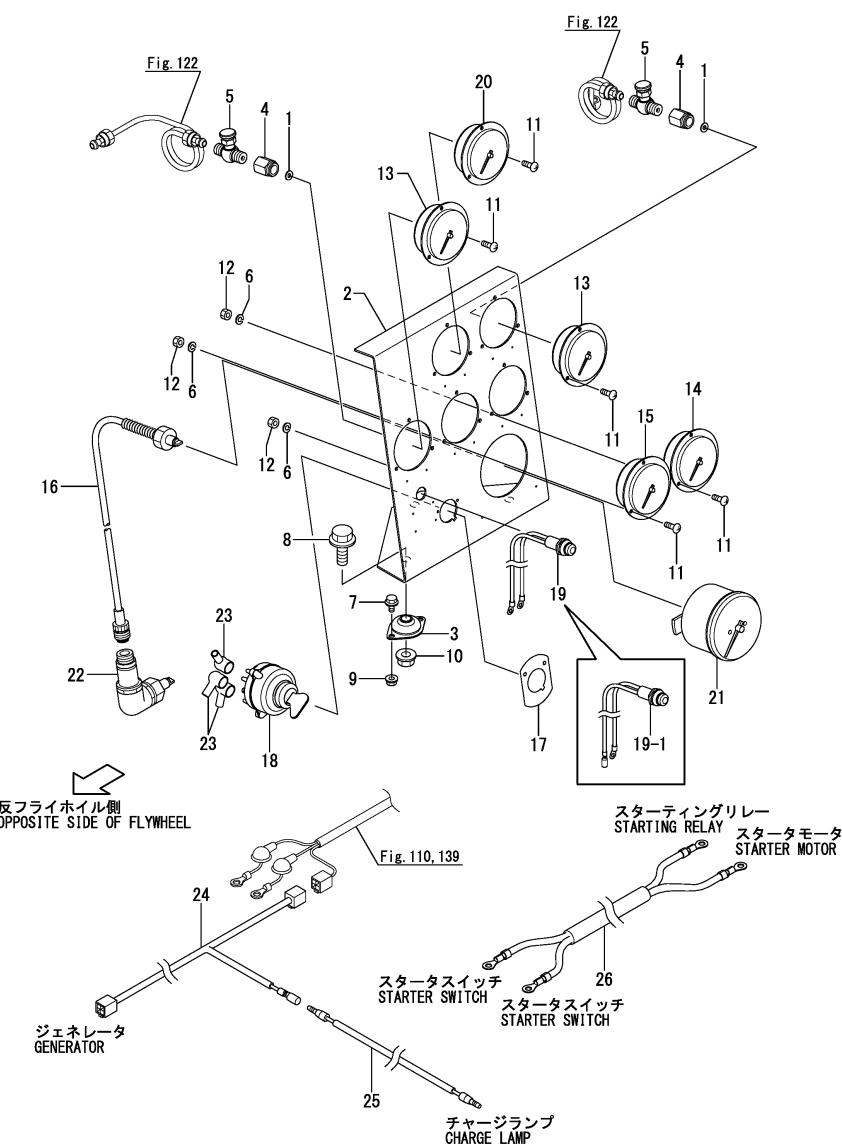


No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	164010-03040	PANEL,INSTRUMENT 3G	1	1	1			W	
		(A=E/#8143)	(B=**2019.07)	(C=E/#8162)						
1-1	1	164010-03041	PANEL,INSTRUMENT 3G	1	1	1			N	
		(A=E/#8174)	(B=E/#8190)	(C=E/#8274)						
2	2	164010-21600	HARNESS,SUB METER	2	2	2				
3	2	164010-29100	ADAPTER,TERMINAL MET	1	1	1				
4	2	164010-30010	PANEL ASSY,KEY SW S	1	1	1				
5	3	164010-31100	PANEL,KEY SWITCH S	1	1	1				
7	4	164010-31020	PACKING,KEY CYLINDER	1	1	1				
8	3	164010-71020	KEY,3G	2	2	2				
9	2	164010-31500	PANEL,SUB SWITCH	1	1	1				
10	3	164010-31410	PACKING,SUB SWITCH	1	1	1				
11	2	164010-51100	METER,TACHO 3000	1	1	1				
11-1	2	164010-51101	METER,TACHO 3000	1	1	1			N	
		(A=E/#8174)	(B=E/#8190)	(C=E/#8274)						
12	3	164010-51010	PACKING,TACHOMETER	1	1	1				
13	2	164010-52000	METER,CW TEMPERATURE	1	1	1				
14	3	164010-52010	PACKING,SUB METER	1	1	1				
15	2	164010-53000	METER,ENG OIL PRESS	1	1	1				
16	3	164010-52010	PACKING,SUB METER	1	1	1				
17	2	164010-73020	BOLT,FRAME M6	6	6	6				
18	2	164010-73100	FRAME,PANEL B C	1	1	1				
19	2	164010-73110	PACKING,PANEL B C	1	1	1				
20	1	164010-21400	HARNESS,SUB 3G PANEL	1	1	1				
21	1	164010-23010	HARNESS,EXT ST 3M	1	1	1			W	
		(A=**2019.07)	(B=**2019.07)	(C=E/#8274)						
22	1	164010-23020	HARNESS,EXT ST 5M	1	1	1			W	
		(A=E/#8161)	(B=**2019.07)	(C=E/#8159)						
23	1	164010-23030	HARNESS,EXT ST 10M	1	1	1			W	
		(A=E/#8161)	(B=**2019.07)	(C=**2019.07)						
24	1	164010-23040	HARNESS,EXT ST 20M	1	1	1			W	
		(A=E/#8143)	(B=E/#8195)	(C=**2019.07)						

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.120. INSTRUMENT PANEL(ENGINE ATTACHED)(CELL STARTING)



## Remarks

- (1)For boost air & sea water.
- (2)For clutch lubricant oil.
- (3)For engine lubricant oil.
- (4)For fresh water.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

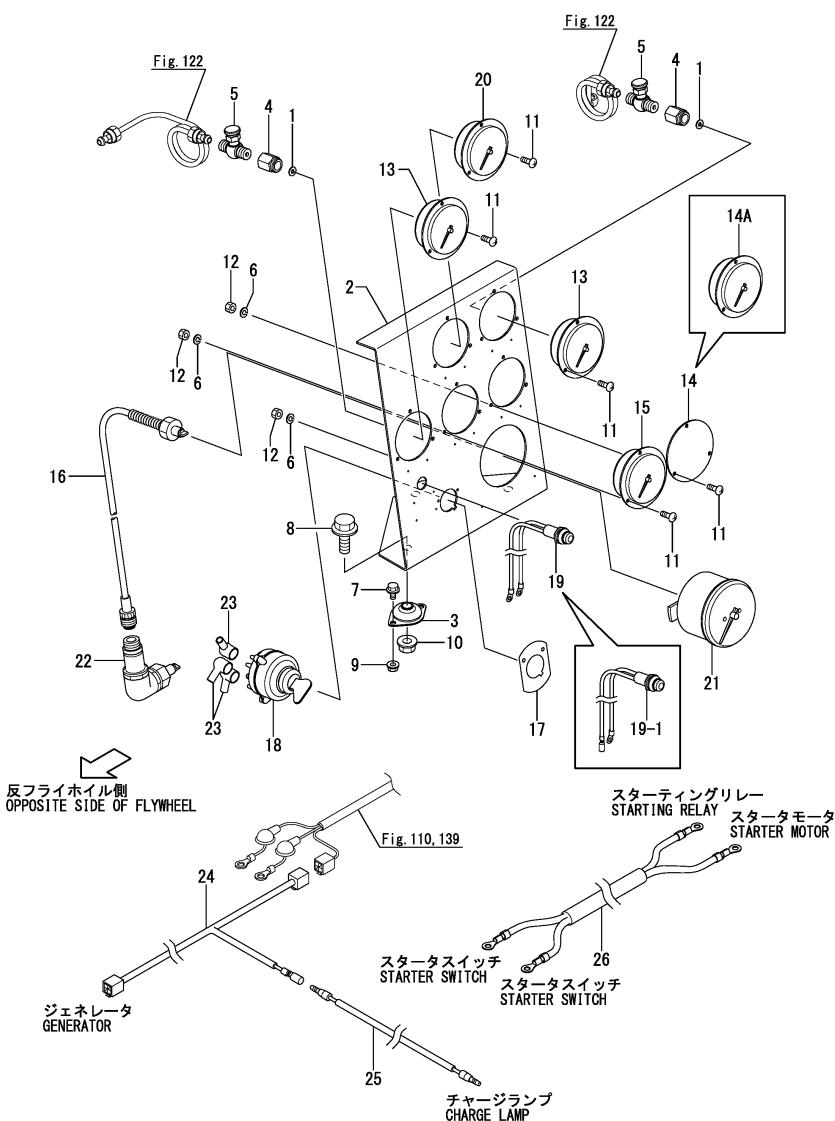
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	122117-39150	PACKING, NYLON	5	5	5			
2	1	42150-556240	HOUSING, PANEL	1	1	1			
3	1	137600-91021	ABSORBER,SHOCK	3	3	3			
3-1	1	137600-91023	RUBBER, PANEL (A=E/#2157) (B=E/#2154) (C=E/#2237)	3	3	3			R
4	1	139653-91170	CONNECTOR	5	5	5			
5	1	137600-91302	VALVE, GAUGE	5	5	5			
6	1	22212-040000	SPRING WASHER 4	15	15	15			
7	1	26106-060162	BOLT, M6X 16 PLATED	6	6	6			
8	1	26106-100302	BOLT, M10X 30 PLATED	3	3	3			
9	1	26366-060002	NUT, M6	6	6	6			
10	1	26366-100002	NUT, M10	3	3	3			
11	1	26557-040122	SCREW, M4X12	15	15	15			
12	1	26717-040002	NUT, M4	15	15	15			
13	1	28886-040000	GAUGE, 0.4MP	2	2	2			1
13-1	1	148620-91150	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	2	2	2			N 1
14	1	28886-060530	GAUGE,PRESSURE	1	1	1			2
14-1	1	148620-91180	GAUGE, PRESSURE 0.6 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1			N 2
15	1	28886-104555	GAUGE, 1.0MP	1	1	1			3
15-1	1	148620-91200	GAUGE, PRESSURE 1.0 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1			N 3
16	1	42130-400240	SHAFT, FLEXIBLE L600	1	1	1			
17	1	42222-003380	LABEL, START SWITCH	1	1	1			
18	1	46150-001150	SWITCH	1	1	1			
19	1	46150-500470	LAMP, CHARGE 24V 3W	1	1	1			
19-1	1	46150-576160	LAMP,CHARGE (A=E/#7625) (B=E/#7678) (C=E/#7728)	1	1	1			S
20	1	28886-041025	GAUGE, 0.4MP	1	1	1			4
20-1	1	148620-91160	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1			N 4
21	1	42130-551340	TACHOMETER	1	1	1			
22	1	46150-005191	JOINT, ELBOW TYPE	1	1	1			
23	1	41903-650040	CAP, TERMINAL RUBBER	3	3	3			
24	1	46150-094180	HARNESS, CHARGE LAMP (A=E/#7702) (B=E/#7732) (C=E/#7728)	1	1	1			W
25	1	46150-094190	HARNESS, ALTERNATOR (A=E/#7702) (B=E/#7732) (C=E/#7728)	1	1	1			W
26	1	46150-575960	WIRE HARNESS (A=E/#7625) (B=E/#7678) (C=E/#7728)	1	1	1			W
26-1	1	46150-095790	HARNESS,STARTER SW (A=E/#8284) (B=2020.01) (C=2020.01)	1	1	1			N

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.143. (120A)INSTRUMENT PANEL(ENGINE ATTACHED)(CELL STARTING)(CLUTCH LESS SPEC.)



## Remarks

- (1)For boost air & sea water.
- (2)For blind, without clutch lubricant oil.
- (3)For duplex fuel filter.
- (4)For engine lubricant oil.
- (5)For fresh water.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	122117-39150	PACKING, NYLON	5	5	5			
2	1	42150-556240	HOUSING, PANEL	1	1	1			
3	1	137600-91021	ABSORBER,SHOCK	3	3	3			
3-1	1	137600-91023	RUBBER, PANEL (A=E/#2157) (B=E/#2154) (C=E/#2237)	3	3	3		R	
4	1	139653-91170	CONNECTOR	5	5	5			
5	1	137600-91302	VALVE, GAUGE	5	5	5			
6	1	22212-040000	SPRING WASHER 4	15	15	15			
7	1	26106-060162	BOLT, M6X 16 PLATED	6	6	6			
8	1	26106-100302	BOLT, M10X 30 PLATED	3	3	3			
9	1	26366-060002	NUT, M6	6	6	6			
10	1	26366-100002	NUT, M10	3	3	3			
11	1	26557-040122	SCREW, M4X12	15	15	15			
12	1	26717-040002	NUT, M4	15	15	15			
13	1	28886-040000	GAUGE, 0.4MP	2	2	2		1	
13-1	1	148620-91150	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	2	2	2		N	1
14	1	150623-91300	COVER	1	1	1			2
14A	1	28886-100000	GAUGE, 1.0MP	1	1	1			3
14A-1	1	148620-91190	GAUGE, PRESSURE 1.0 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	3
15	1	28886-104555	GAUGE, 1.0MP	1	1	1			4
15-1	1	148620-91200	GAUGE, PRESSURE 1.0 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	4
16	1	42130-400240	SHAFT, FLEXIBLE L600	1	1	1			
17	1	42222-003380	LABEL, START SWITCH	1	1	1			
18	1	46150-001150	SWITCH	1	1	1			
19	1	46150-500470	LAMP, CHARGE 24V 3W	1	1	1			
19-1	1	46150-576160	LAMP, CHARGE (A=E/#7625) (B=E/#7678) (C=E/#7728)	1	1	1		S	
20	1	28886-041025	GAUGE, 0.4MP	1	1	1			5
20-1	1	148620-91160	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	5
21	1	42130-551340	TACHOMETER	1	1	1			
22	1	46150-005191	JOINT, ELBOW TYPE	1	1	1			
23	1	41903-650040	CAP, TERMINAL RUBBER	3	3	3			
24	1	46150-094180	HARNESS, CHARGE LAMP (A=E/#7702) (B=E/#7732) (C=E/#7728)	1	1	1		W	
25	1	46150-094190	HARNESS, ALTERNATOR (A=E/#7702) (B=E/#7732) (C=E/#7728)	1	1	1		W	
26	1	46150-575960	WIRE HARNESS (A=E/#7625) (B=E/#7678) (C=E/#7728)	1	1	1		W	
26-1	1	46150-095790	HARNESS,STARTER SW (A=E/#8284) (B=2020.01) (C=2020.01)	1	1	1		N	

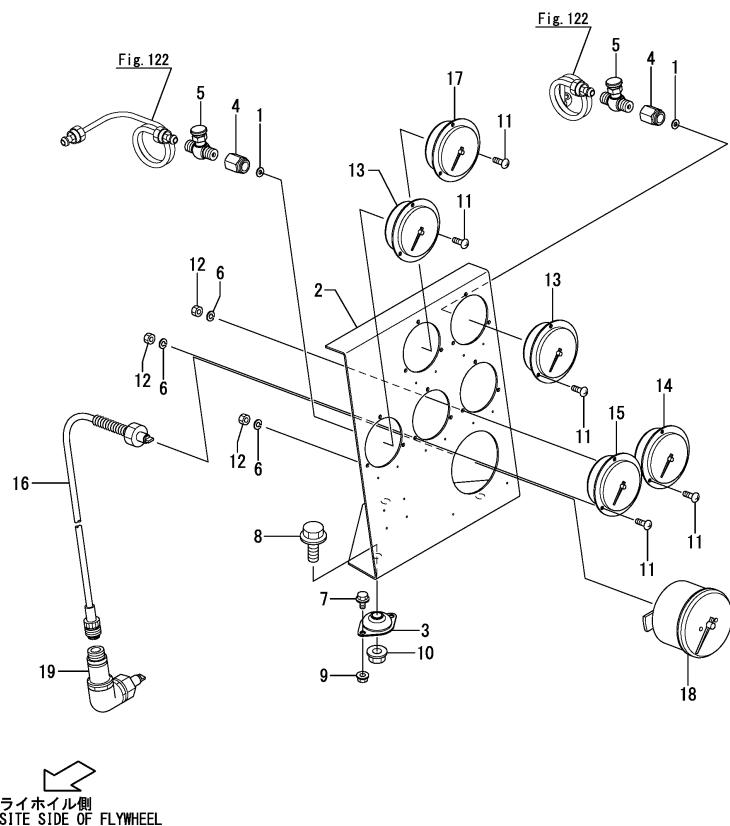
N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.144. (120B)INSTRUMENT PANEL(ENGINE ATTACHED)(AIR STARTING)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



反フライホイール側  
OPPOSITE SIDE OF FLYWHEEL

## Remarks

- (1)For boost air & sea water.
- (4)For clutch lubricant oil.
- (7)For engine lubricant oil.
- (8)For fresh water.

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	122117-39150	PACKING, NYLON	5	5	5			
2	1	42150-556250	HOUSING, PANEL	1	1	1			
3	1	137600-91021	ABSORBER,SHOCK	3	3	3			
3-1	1	137600-91023 (A=E/#2157) (B=E/#2154) (C=E/#2237)	RUBBER, PANEL	3	3	3			R
4	1	139653-91170	CONNECTOR	5	5	5			
5	1	137600-91302	VALVE, GAUGE	5	5	5			
6	1	22212-040000	SPRING WASHER 4	15	15	15			
7	1	26106-060162	BOLT, M6X 16 PLATED	6	6	6			
8	1	26106-100302	BOLT, M10X 30 PLATED	3	3	3			
9	1	26366-060002	NUT, M6	6	6	6			
10	1	26366-100002	NUT, M10	3	3	3			
11	1	26557-040122	SCREW, M4X12	15	15	15			
12	1	26717-040002	NUT, M4	15	15	15			
13	1	28886-040000	GAUGE, 0.4MP	2	2	2			1
13-1	1	148620-91150 (A=E/#8210) (B=E/#8236) (C=E/#8268)	GAUGE, PRESSURE 0.4	2	2	2			N 1
14	1	28886-060530	GAUGE,PRESSURE	1	1	1			2
14-1	1	148620-91180 (A=E/#8210) (B=E/#8236) (C=E/#8268)	GAUGE, PRESSURE 0.6	1	1	1			N 2
15	1	28886-104555	GAUGE, 1.0MP	1	1	1			3
15-1	1	148620-91200 (A=E/#8210) (B=E/#8236) (C=E/#8268)	GAUGE, PRESSURE 1.0	1	1	1			N 3
16	1	42130-400240	SHAFT, FLEXIBLE L600	1	1	1			
17	1	28886-041025	GAUGE, 0.4MP	1	1	1			4
17-1	1	148620-91160 (A=E/#8210) (B=E/#8236) (C=E/#8268)	GAUGE, PRESSURE 0.4	1	1	1			N 4
18	1	42130-551340	TACHOMETER	1	1	1			
19	1	46150-005191	JOINT, ELBOW TYPE	1	1	1			

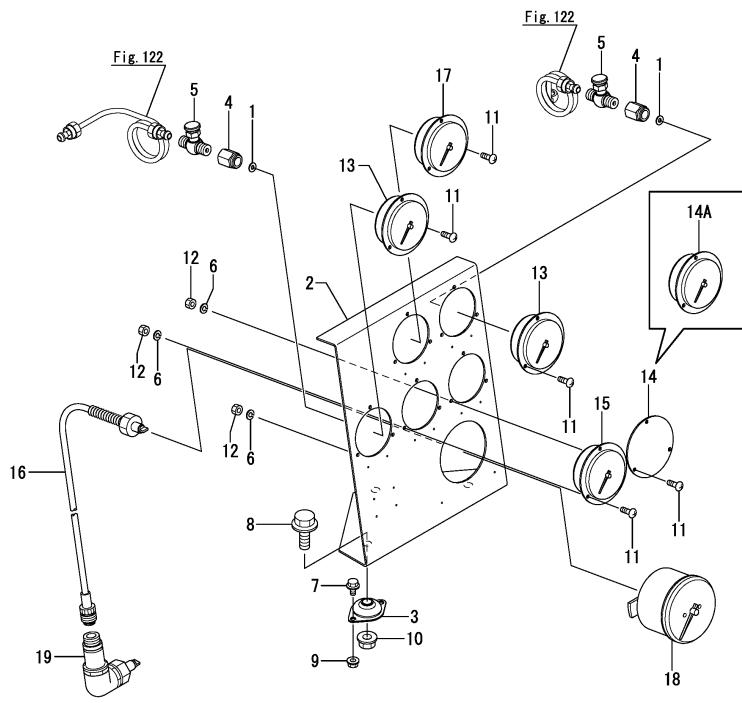
N:Old  New, Q:Old  New, R:Old  New, S:Old  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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## Fig.145. (120C)INSTRUMENT PANEL(ENGINE ATTACHED)(AIR STARTING)(CLUTCH LESS SPEC.)

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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



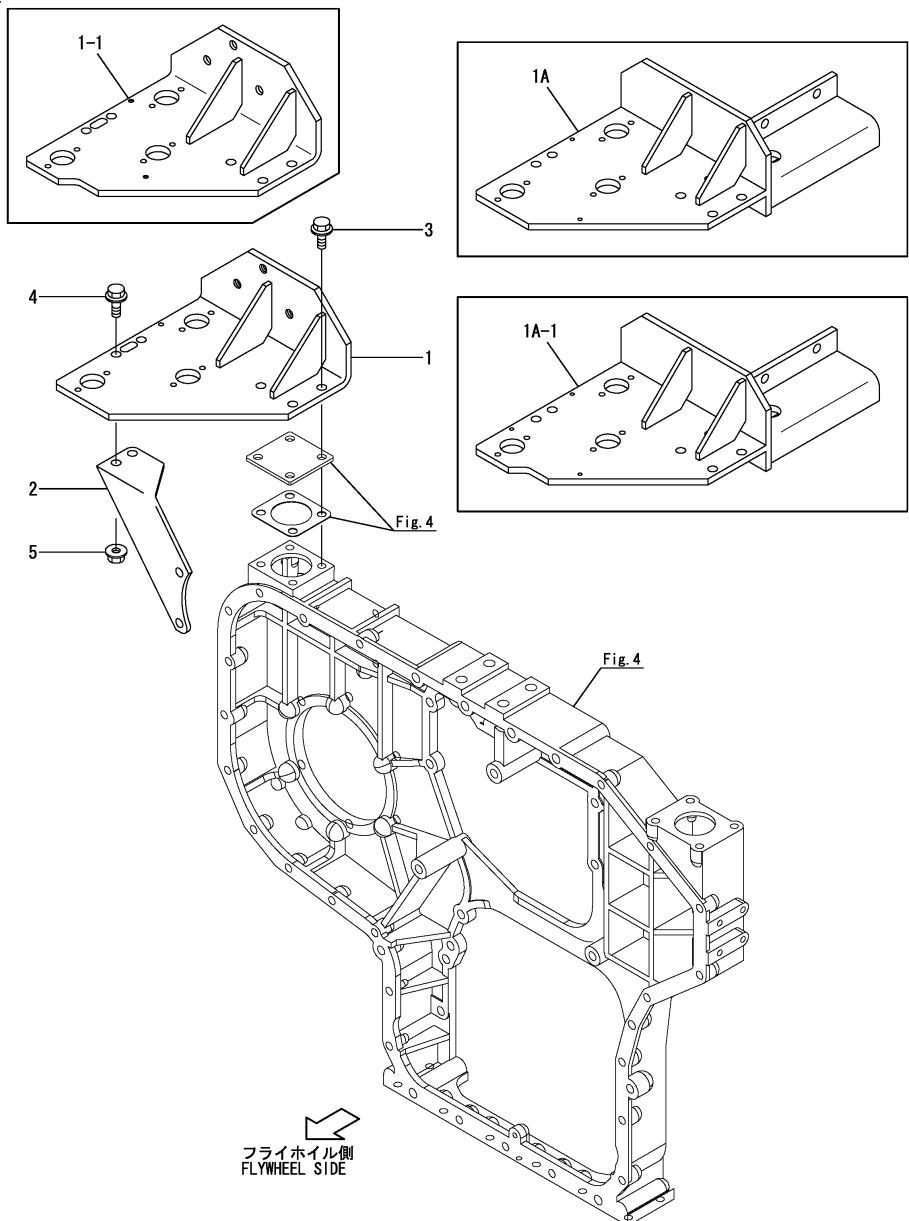
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OPPOSITE SIDE OF FLYWHEEL

## Remarks

- (1)For boost air & sea water.
- (2)For blind, without clutch lubricant oil.
- (3)For duplex fuel filter.
- (4)For engine lubricant oil.
- (5)For fresh water.

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	122117-39150	PACKING, NYLON	5	5	5			
2	1	42150-556250	HOUSING, PANEL	1	1	1			
3	1	137600-91021	ABSORBER,SHOCK	3	3	3			
3-1	1	137600-91023	RUBBER, PANEL (A=E/#2157) (B=E/#2154) (C=E/#2237)	3	3	3		R	
4	1	139653-91170	CONNECTOR	5	5	5			
5	1	137600-91302	VALVE, GAUGE	5	5	5			
6	1	22212-040000	SPRING WASHER 4	15	15	15			
7	1	26106-060162	BOLT, M6X 16 PLATED	6	6	6			
8	1	26106-100302	BOLT, M10X 30 PLATED	3	3	3			
9	1	26366-060002	NUT, M6	6	6	6			
10	1	26366-100002	NUT, M10	3	3	3			
11	1	26557-040122	SCREW, M4X12	15	15	15			
12	1	26717-040002	NUT, M4	15	15	15			
13	1	28886-040000	GAUGE, 0.4MP	2	2	2		1	
13-1	1	148620-91150	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	2	2	2		N	1
14	1	150623-91300	COVER	1	1	1			2
14A	1	28886-100000	GAUGE, 1.0MP	1	1	1			3
14A-1	1	148620-91190	GAUGE, PRESSURE 1.0 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	3
15	1	28886-104555	GAUGE, 1.0MP	1	1	1			4
15-1	1	148620-91200	GAUGE, PRESSURE 1.0 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	4
16	1	42130-400240	SHAFT, FLEXIBLE L600	1	1	1			
17	1	28886-041025	GAUGE, 0.4MP	1	1	1			5
17-1	1	148620-91160	GAUGE, PRESSURE 0.4 (A=E/#8210) (B=E/#8236) (C=E/#8268)	1	1	1		N	5
18	1	42130-551340	TACHOMETER	1	1	1			
19	1	46150-005191	JOINT, ELBOW TYPE	1	1	1			

## Fig.121. INSTRUMENT PANEL BRACKET



## Remarks

- (1)For single fuel filter.
- (2)For duplex fuel filter.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

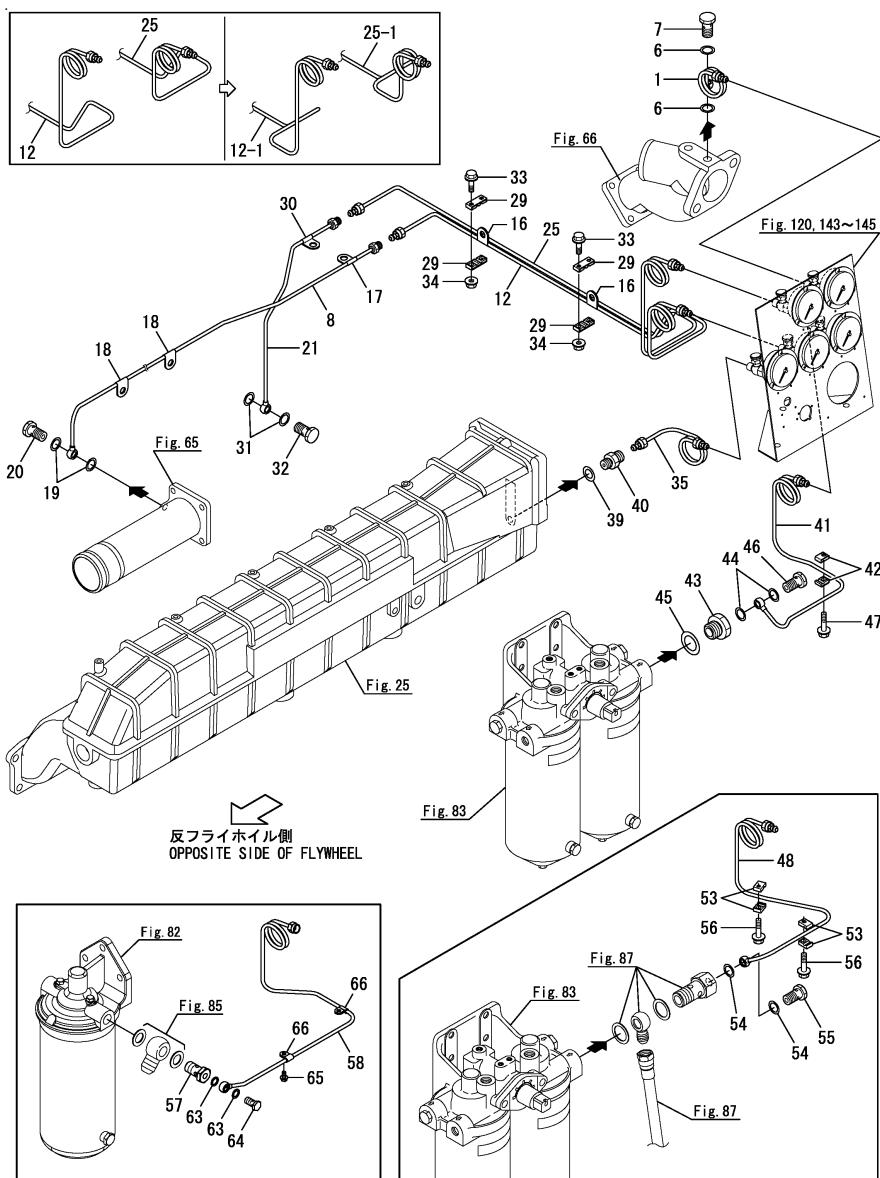
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	148660-91100	BRACKET, PANEL	1	1	1			1	
1-1	1	148660-91101 (A=E08539)	BRACKET, GAUGE PANEL (B=E08533)	1	1	1			N	1
1A	1	148660-91120	BRACKET, PANEL	1	1	1			2	
1A-1	1	148660-91121 (A=E08539)	BRACKET, GAUGE PANEL (B=E08533)	1	1	1			N	2
2	1	148660-91111	SUPPORT, PANEL	1	1	1				
3	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4				
4	1	26106-100282	BOLT, M10X 28 PLATED	2	2	2				
5	1	26366-100002	NUT, M10	2	2	2				

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

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## Fig.122. PRESSURE GAUGE PIPE



## Remarks

- (1)6AYM-WET, 6AYM-WGT : No.12-1, 25-1 & Fig.123 No.1-1 are interchangeable by set.  
6AYM-WST : No.12-1, 25-1 & Fig.146(123A) No.1-1 are interchangeable by set.  
(2)RNA inspection parts.  
(3)(3)For fuel filter(single).

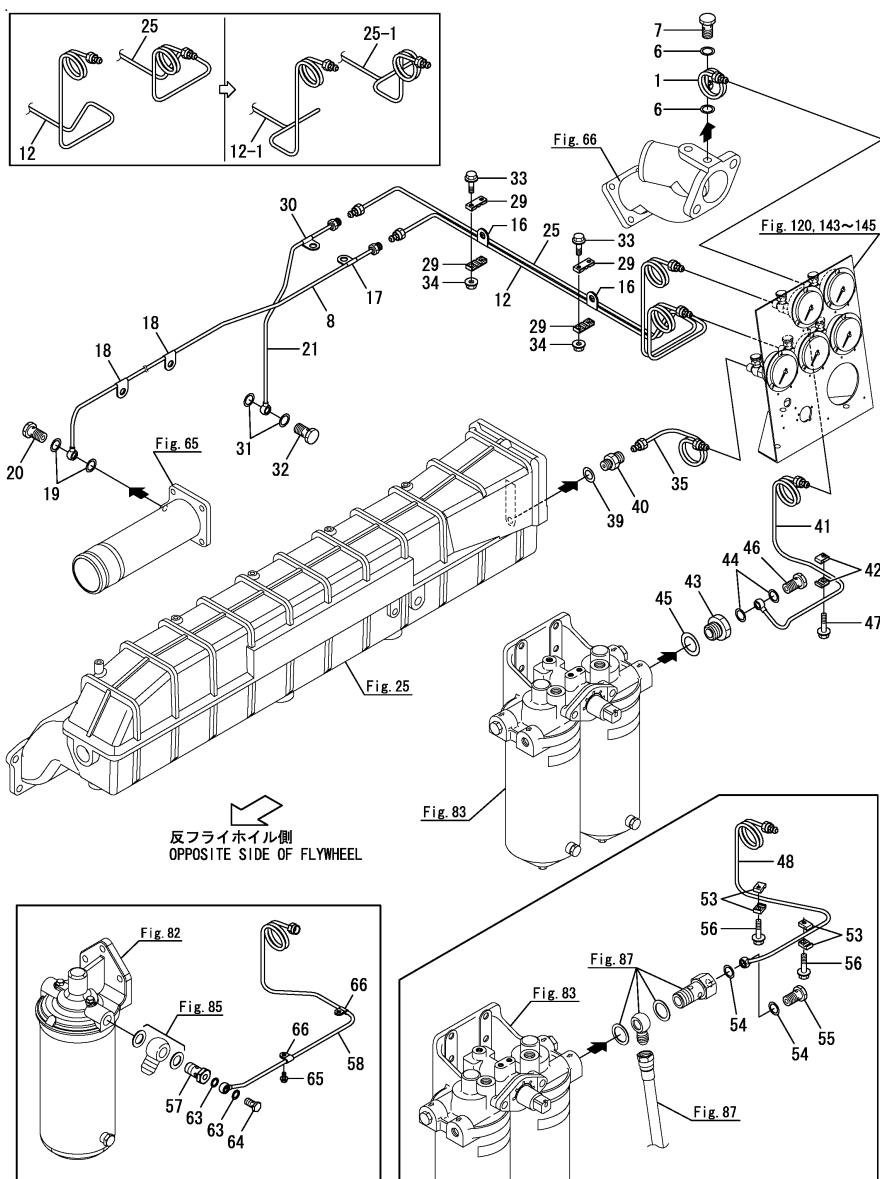
(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	148660-91201	PIPE, WATER GAUGE	1 1 1		
6	1	23414-120000	GASKET, 12X1.0	2 2 2		
7	1	23854-060000	BOLT, JOINT 6	1 1 1		
8	1	148660-91211	PIPE, WATER GAUGE A	1 1 1		
12	1	148660-91222	PIPE, WATER GAUGE B	1 1 1		
12-1	1	148660-91223	PIPE, PRESSURE GAUGE	1 1 1	S 1	
			(A=E/#5411) (B=E/#5297) (C=E/#5383)			
16	1	23297-060121	CLAMP, A6X12	2 2 2		
17	1	23297-060121	CLAMP, A6X12	1 1 1		
18	1	23297-060121	CLAMP, A6X12	2 2 2		
19	1	23414-120000	GASKET, 12X1.0	2 2 2		
20	1	23854-060000	BOLT, JOINT 6	1 1 1		
21	1	148660-91301	PIPE, OIL GAUGE A	1 1 1		
25	1	148660-91312	PIPE, OIL GAUGE B	1 1 1		
25-1	1	148660-91313	PIPE, PRESSURE GAUGE	1 1 1	S 1	
			(A=E/#5411) (B=E/#5297) (C=E/#5383)			
29	1	148016-59760	RETAINER, B	6 6 6		
29-1	1	126625-59450	CLAMP, 2 PIPES FIXED	6 6 6	N	
			(A=*2022.01) (B=*2022.01) (C=*2022.01)			
30	1	23297-060121	CLAMP, A6X12	1 1 1		
31	1	23414-120000	GASKET, 12X1.0	2 2 2		
32	1	23857-060000	BOLT, JOINT 6	1 1 1		
33	1	26106-060202	BOLT, M6X 20 PLATED	6 6 6		
33-1	1	26106-060252	BOLT, M6X 25 PLATED	6 6 6	N	
			(A=*2022.01) (B=*2022.01) (C=*2022.01)			
34	1	26366-060002	NUT, M6	6 6 6		
35	1	148660-91230	PIPE, GAUGE	1 1 1		
39	1	23414-120000	GASKET, 12X1.0	1 1 1		
40	1	23831-060000	UNION, 6	1 1 1		
41	1	148660-91450	PIPE, FUEL GAUGE	1 1 1		
42	1	148016-59770	RETAINER, C	4 4 4		
42-1	1	126625-59440	CLAMP, 1 PIPES FIXED	4 4 4	N	
			(A=*2022.01) (B=*2022.01) (C=*2022.01)			
43	1	148640-91480	PLUG, M20	1 1 1		
44	1	23414-120000	GASKET, 12X1.0	2 2 2		
45	1	23414-200000	GASKET, 20X1.0	1 1 1		
46	1	23857-060000	BOLT, JOINT 6	1 1 1		
47	1	26106-060252	BOLT, M6X 25 PLATED	2 2 2		
48	1	148660-91470	PIPE, FO PRESSURE	1 1 1	W 2	
			(A=E/#6765) (B=E/#7155) (C=*2018.11)			
53	1	148016-59770	RETAINER, C	4 4 4	W 2	
			(A=E/#6765) (B=E/#7155) (C=*2018.11)			
53-1	1	126625-59440	CLAMP, 1 PIPES FIXED	4 4 4	N 2	
			(A=*2022.01) (B=*2022.01) (C=*2022.01)			
54	1	23414-120000	GASKET, 12X1.0	2 2 2	W 2	
			(A=E/#6765) (B=E/#7155) (C=*2018.11)			
55	1	23857-060000	BOLT, JOINT 6	1 1 1	W 2	
			(A=E/#6765) (B=E/#7155) (C=*2018.11)			
56	1	26106-060252	BOLT, M6X 25 PLATED	2 2 2	W 2	
			(A=E/#6765) (B=E/#7155) (C=*2018.11)			
57	1	148660-91420	BOLT, JOINT 15	1 1 1	W 3	

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++

## Fig.122. PRESSURE GAUGE PIPE



## Remarks

- (1)6AYM-WET, 6AYM-WGT : No.12-1, 25-1 & Fig.123 No.1-1 are interchangeable by set.  
 6AYM-WST : No.12-1, 25-1 & Fig.146(123A) No.1-1 are interchangeable by set.  
 (2)RNA inspection parts.  
 (3)(3)For fuel filter(single).

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

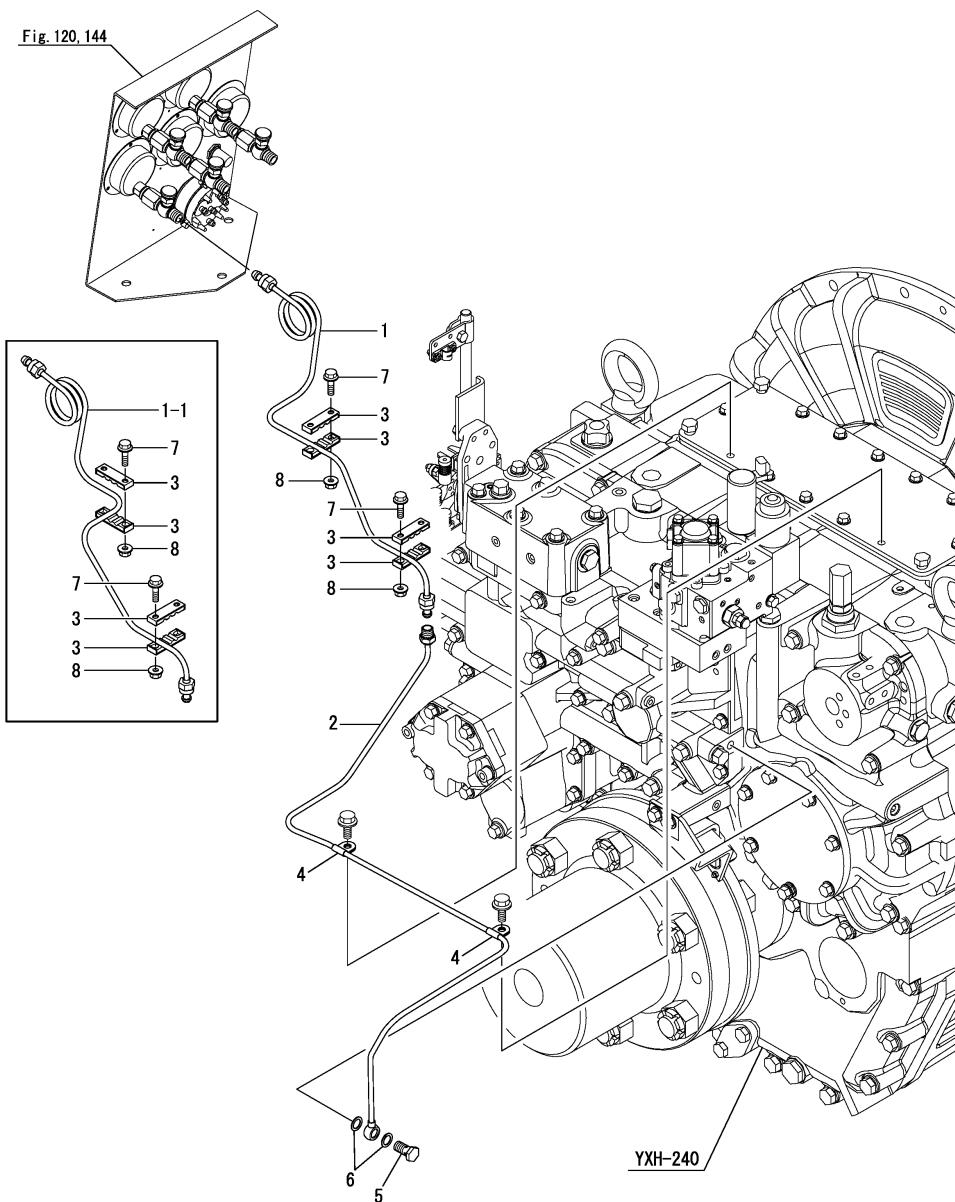
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
58	1	148660-91500	PIPE, FO PRESSURE (A=E/#9199) (B= *2022.03) (C= *2022.03) (A=E/#9199) (B= *2022.03) (C= *2022.03)	1	1	1			W 3
63	1	23414-120000	GASKET, 12X1.0 (A=E/#9199) (B= *2022.03) (C= *2022.03)	2	2	2			W 3
64	1	23857-060000	BOLT, JOINT 6 (A=E/#9199) (B= *2022.03) (C= *2022.03)	1	1	1			W 3
65	1	26106-060122	BOLT, M6X 12 PLATED (A=E/#9199) (B= *2022.03) (C= *2022.03)	1	1	1			W 3
66	1	43730-555570	RETAINER,PIPE D6XM6 (A=E/#9199) (B= *2022.03) (C= *2022.03)	2	2	2			W 3

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.123. PRESSURE GAUGE PIPE(CLUTCH LUB. OIL)



## Remarks

(1)No.1-1, Fig.122 No.12-1, 25-1 are interchangeable by set.

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	43711-104420	PIPE, GAUGE A	1	1	
1-1	1	148660-91320	PIPE, PRESSURE GAUGE (A=E/#5558) (C=E/#5708)	1	1	S 1
2	1	43711-105250	PIPE, GAUGE B	1	1	
3	1	148016-59750	RETAINER, A	4	4	
3-1	1	126625-59460	CLAMP, 3 PIPES FIXED (A=*2022.01) (C=*2022.01)	4	4	N
4	1	23297-060121	CLAMP, A6X12	2	2	
5	1	23857-060000	BOLT, JOINT 6	1	1	
6	1	23414-120000	GASKET, 12X1.0	2	2	
7	1	26106-060222	BOLT, M6X 22 PLATED	4	4	
8	1	26366-060002	NUT, M6	4	4	

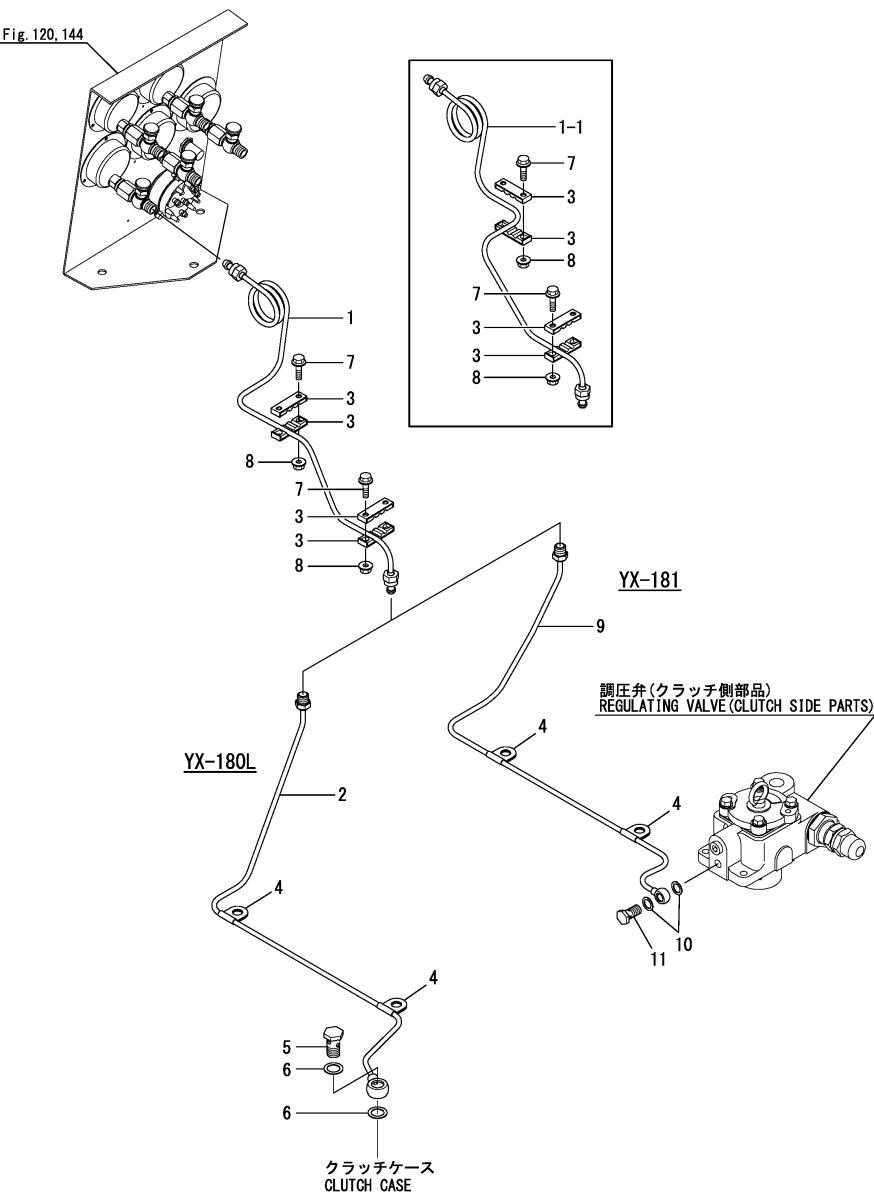
N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.146. (123A)PRESSURE GAUGE PIPE(CLUTCH LUB. OIL)

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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



## Remarks

- (1)No.1-1, Fig.122 No.12-1, 25-1 are interchangeable by set.
- (2)YX-180L specification.
- (3)YX-181 specification.

No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	43711-104420	PIPE, GAUGE A	1							
1-1	1	148660-91320	PIPE, PRESSURE GAUGE (B=E/#5395)			1				S	1
2	1	43711-104430	PIPE, GAUGE			1				2	
3	1	148016-59750	RETAINER, A			4					
3-1	1	126625-59460	CLAMP, 3 PIPES FIXED			4				N	
			(B=**2022.01)								
4	1	23297-060121	CLAMP, A6X12			2					
5	1	23857-100000	BOLT, JOINT 10			1				2	
6	1	23414-160000	GASKET, 16X1.0			2				2	
7	1	26106-060222	BOLT, M6X 22 PLATED			4					
8	1	26366-060002	NUT, M6			4					
9	1	43711-110320	PIPE B, PRESSURE GAUG (B=E/#3089)			1				W	3
10	1	23414-120000	GASKET, 12X1.0 (B=E/#3089)			2				W	3
11	1	23857-060000	BOLT, JOINT 6 (B=E/#3089)			1				W	3

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

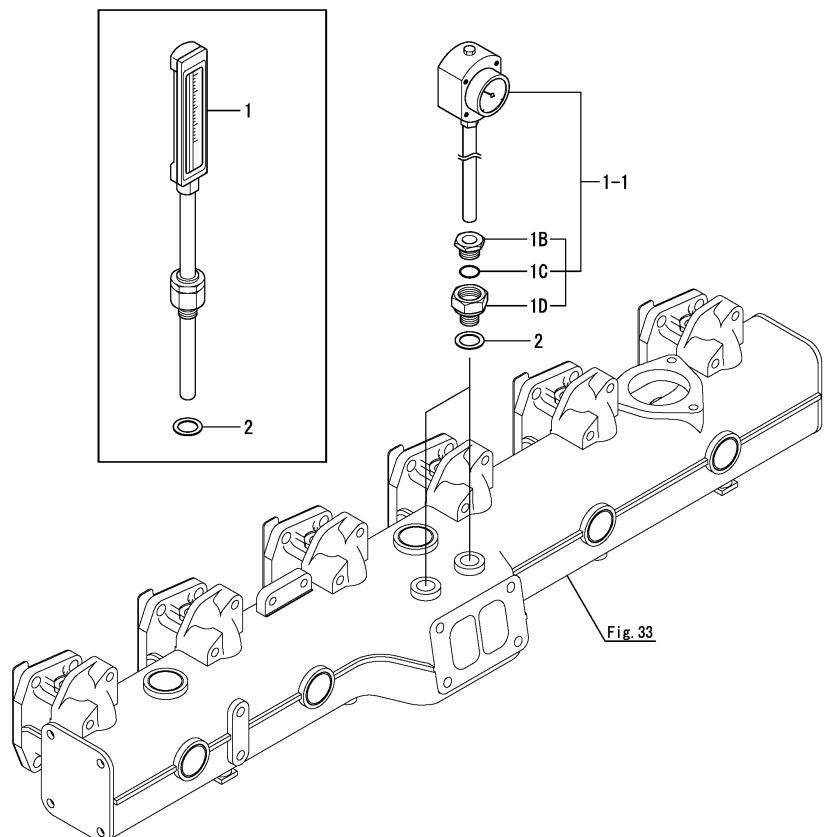
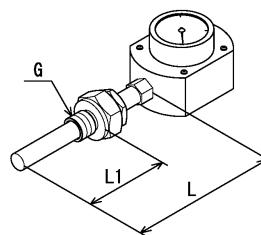
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## Fig.124. THERMOMETER

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	L	L1	G
1-1	265mm	65mm	1/2



## Remarks

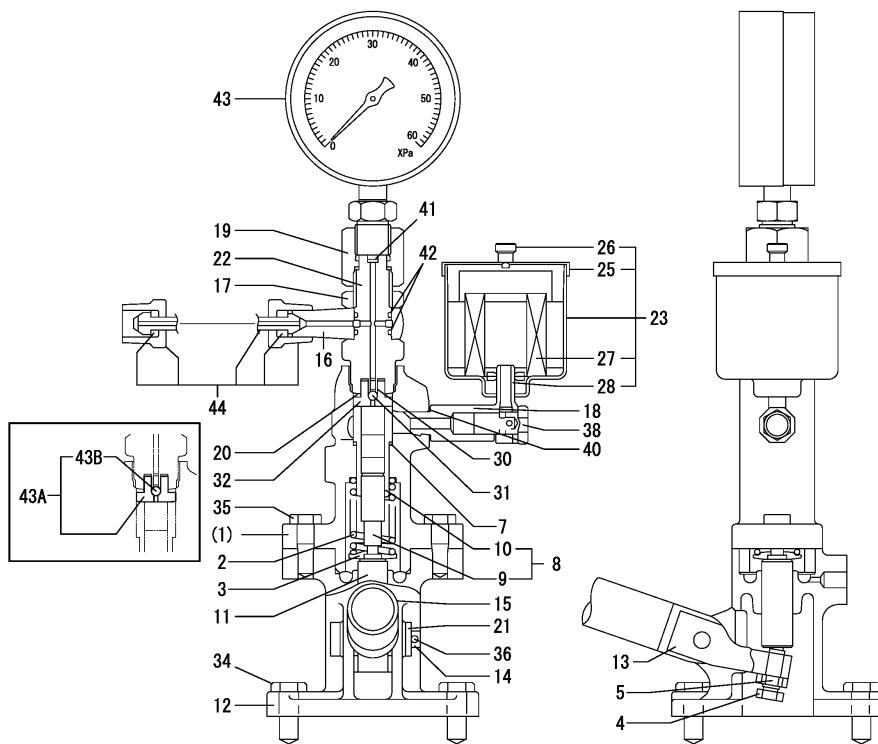
(1)For turbine inlet.

N:Old  Yes  No New, Q:Old  Yes  No New, R:Old  Yes  Yes New, S:Old  Yes  No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	42130-016991	THERMOMETER, EXHAUST	2	2	2			1	
1-1	1	148620-91330	THERMOMETER,EXHAUST (A=E/#7037) (B=E/#7035) (C=E/#7074)	2	2	2			N	1
1B	3	127652-91210	SCREW, M22	2	2	2				
1C	3	127652-91220	RING, SEALING	2	2	2				
1D	3	127652-91240	SCREW, G1/2	2	2	2				
2	1	23414-210000	GASKET, 21X1.0	2	2	2				

## Fig.125. NOZZLE TESTER

1 inc. (1) to 43.



No.	Lev.	Parts No.	Description	Q'ty				
				(A)	(B)	(C)	(D)	(E)
1	1	737600-93103	TESTER ASSY, NOZZLE	1	1	1		
2	2	180110-51160	SPRING, PLUNGER	1	1	1		
3	2	180110-51170	WASHER, SPRING	1	1	1		
4	2	180110-54200	BOLT, ADJUST	1	1	1		
5	2	130110-54210	NUT, ADJUSTING SCREW	1	1	1		
7	2	137600-93130	GASKET, BARREL	1	1	1		
8	2	137600-93140	PLUNGER ASSY	1	1	1		
9	3	137600-93110	PLUNGER	1	1	1		
10	3	137600-93120	BARREL, PLUNGER	1	1	1		
11	2	137600-93150	TAPPET, PUMP	1	1	1		
12	2	137600-93200	BRACKET	1	1	1		
13	2	137600-93210	FITTING, LEVER	1	1	1		
14	2	137600-93220	PIN	1	1	1		
15	2	137600-93230	HANDLE, TESTER	1	1	1		
16	2	137600-93252	RETAINER	1	1	1		
17	2	137600-93280	NUT, TESTER	1	1	1		
18	2	137600-93301	JOINT, PIPE	1	1	1		
19	2	137600-93310	JOINT, GAUGE	1	1	1		
20	2	137600-93350	PACKING, DELIVERY	1	1	1		
21	2	132310-93370	WASHER	1	1	1		
22	2	137600-93372	SCREW, NOZZLE	1	1	1		
23	2	137600-93500	TANK ASSY, FUEL	1	1	1		
25	3	132310-93171	COVER	1	1	1		
26	3	132310-93180	KNOB	1	1	1		
27	3	137600-93190	ELEMENT ASSY	1	1	1		
28	3	137600-93390	FITTINGS, OIL TANK	1	1	1		
30	2	101300-51330	SPRING, DELIVERY	1	1	1		
31	2	101300-51390	VALVE, DELIVERY	1	1	1		Z
	(A=E/#4734)	(B=E/#1902)	(C=E/#1871)					
32	2	137600-93362	VALVE, DELIVERY	1	1	1		Z
	(A=E/#4734)	(B=E/#1902)	(C=E/#1871)					
33	2	137600-93850	JOINT, PIPE	1	1	1		1
34	2	21151-030252	BOLT 3/8X25	4	4	4		Z
	(A=*	2013.03)	(B=*	2013.03)	(C=*	2013.03)		
35	2	21151-030322	BOLT 3/8X32	2	2	2		
36	2	22411-200150	COTTER PIN	1	1	1		
37	2	23061-070500	PIPE, 7X 500	1	1	1		1
38	2	23351-080000	BOLT, JOINT 8	1	1	1		
39	2	23414-110000	GASKET, 11X1.0	1	1	1		1
40	2	23414-140000	GASKET, 14X1.0	3	3	3		
41	2	24311-000070	O-RING, 1AP7.0	1	1	1		
42	2	24311-000180	O-RING, 1AP18.0	2	2	2		
43	2	28816-990000	GAUGE, AVS 100X60MP	1	1	1		
43A	2	137600-93802	VALVE ASSY, DELIVERY	1	1	1		W
	(A=E/#4734)	(B=E/#1902)	(C=E/#1871)					
43B	3	101300-51390	VALVE, DELIVERY	1	1	1		W
	(A=E/#4734)	(B=E/#1902)	(C=E/#1871)					
44	1	130605-93400	PIPE ASSY, INJECTION	1	1	1		

## Remarks

(1)Not illustrated.

N:Old New, Q:Old New, R:Old New, S:Old New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
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Fig.126. TOOL

(A)=6AYM-WET  
 (B)=6AYM-WST  
 (C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	719195-92500	TOOL ASSY	1	1	1		
2	2	104200-92350	DRIVER, SCREW	1	1	1		
3	2	104200-92600	BOX, SPARE PARTS	1	1	1		
4	2	28110-080100	SPANNER, 8X10	1	1	1		
5	2	28110-100130	SPANNER, 10X13	1	1	1		
6	2	28110-120140	SPANNER, 12X14	1	1	1		
7	2	28110-170190	SPANNER, 17X19	1	1	1		
8	1	126410-92720	HANDLE, TURN 18X500	1	1	1		
9	1	177501-09051	WRENCH	1	1	1		
10	1	177101-09281	WRENCH			1		

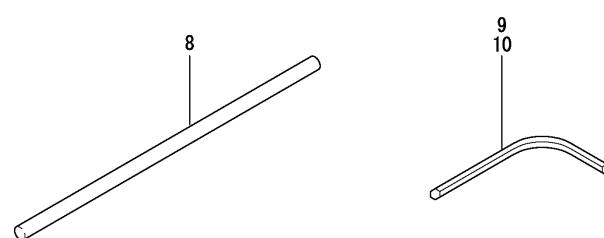
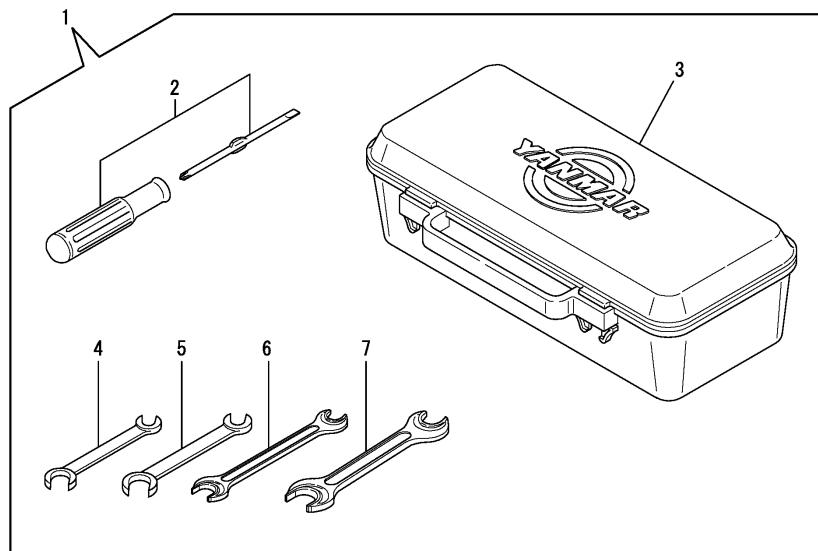
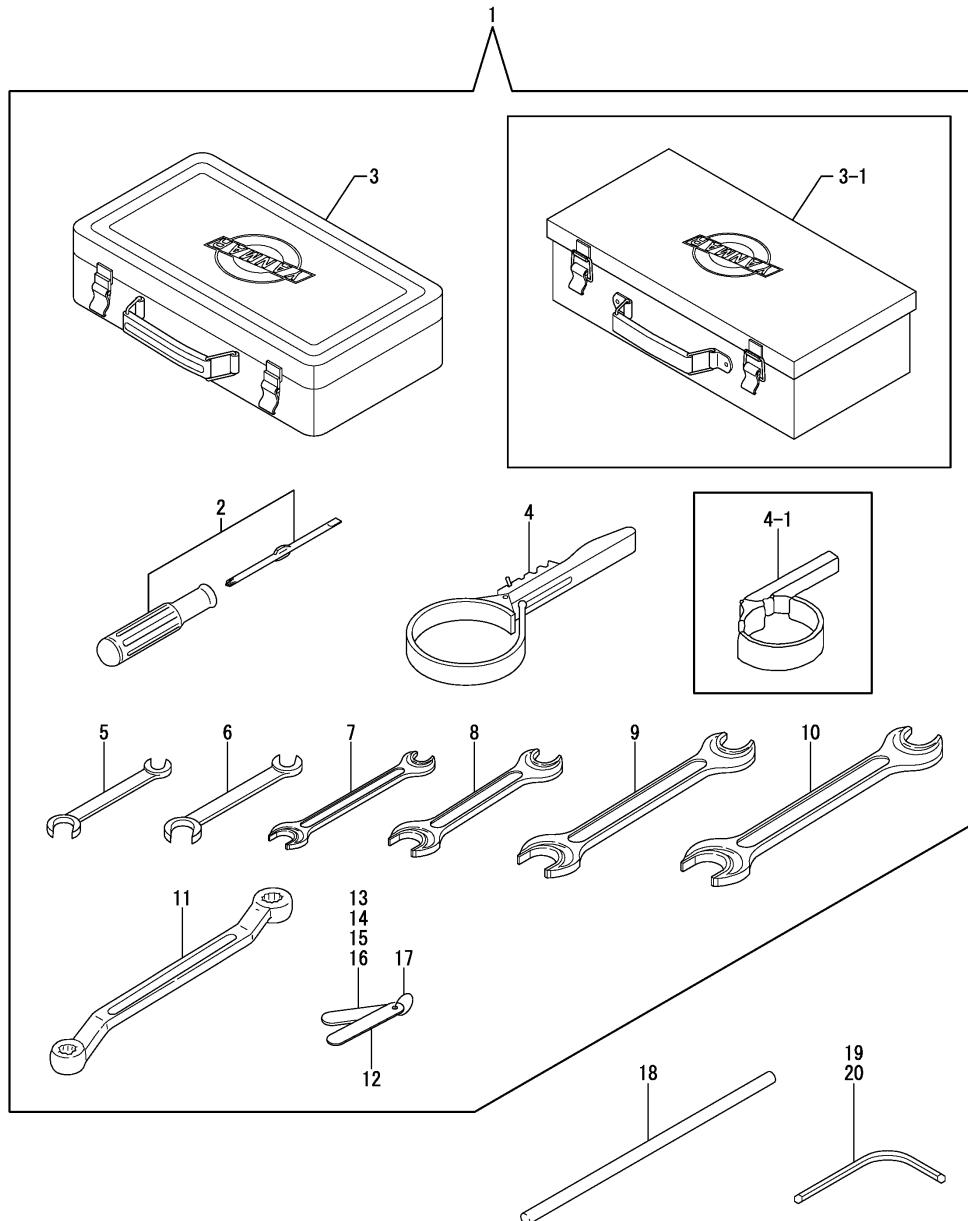


Fig.127. TOOL(OPTIONAL)

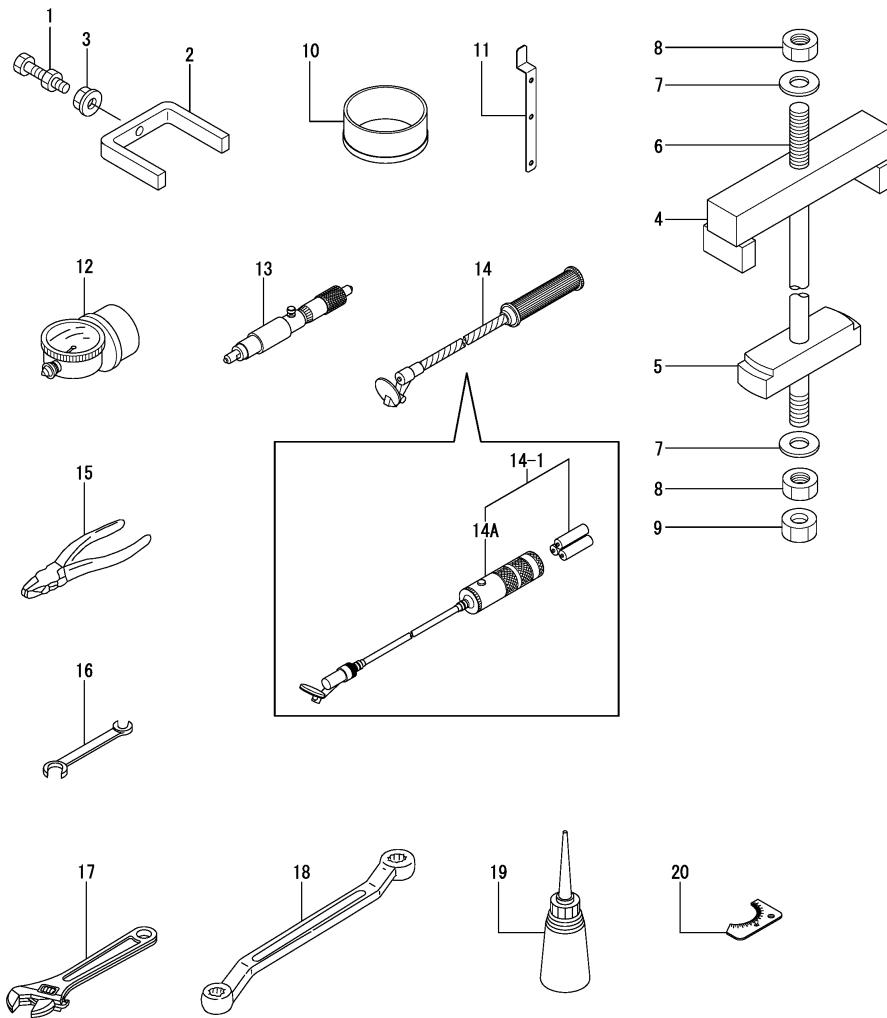


(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R
				(A) (B) (C) (D) (E) (F)		
1	1	726677-92110	TOOL ASSY	1 1 1		
1-1	1	726677-92111	TOOL ASSY	1 1 1		R
		(A=E/#2564)	(B=E/#2558)	(C=E/#2709)		
1-2	1	726677-92112	TOOL ASSY, ENGINE	1 1 1		R
		(A=E/#5516)	(B=E/#5302)	(C=E/#5460)		
1-3	1	726677-92113	TOOLS	1 1 1		R
		(A=E/#9086)	(B=E/#9096)	(C=E/#7075)		
2	2	104200-92350	DRIVER, SCREW	1 1 1		
3	2	122210-92601	BOX, SPARES&TOOLS	1 1 1		
3-1	2	148920-92600	BOX, SPARES&TOOLS	1 1 1		R
		(A=E/#5516)	(B=E/#5302)	(C=E/#5460)		
4	2	127610-92750	WRENCH, FILTER	1 1 1		
4-1	2	133615-92350	WRENCH, FILTER	1 1 1		N
		(A=E/#2458)	(B=E/#2456)	(C=E/#2709)		
4-2	2	140695-92350	WRENCH, LO FILTER	1 1 1		R
		(A=E/#9086)	(B=E/#9096)	(C=E/#7075)		
5	2	28110-080100	SPANNER, 8X10	1 1 1		
6	2	28110-100130	SPANNER, 10X13	1 1 1		
7	2	28110-120140	SPANNER, 12X14	1 1 1		
8	2	28110-170190	SPANNER, 17X19	1 1 1		
9	2	28110-220240	SPANNER, 22X24	1 1 1		
10	2	28110-270300	SPANNER, 27X30	1 1 1		
11	2	28160-220240	WRENCH, 22X24	1 1 1		
12	2	28312-100750	GAUGE, 0.10X75	1 1 1		
13	2	28312-250750	GAUGE, 0.25X75	1 1 1		
14	2	28312-300750	GAUGE, 0.30X75	1 1 1		
15	2	28312-350750	GAUGE, 0.35X75	1 1 1		
16	2	28312-500750	GAUGE, 0.50X75	1 1 1		
17	2	28322-020000	RING, GAUGE	1 1 1		
18	1	126410-92720	HANDLE, TURN 18X500	1 1 1		
19	1	177501-09051	WRENCH	1 1		
20	1	177101-09281	WRENCH	1		

## Fig.128. SPECIAL TOOL(OPTIONAL)



## Remarks

- (1)With batteries.  
(2)Without batteries.

(A)=6AYM-WET  
(B)=6AYM-WST  
(C)=6AYM-WGT

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

No.	Lev.	Parts No.	Description	Q'ty	I	R			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	142903-92060	SETBOLT, M10	1	1	1			
2	1	148620-92170	TOOL, NOZZLE	1	1	1			
2-1	1	152623-92171	TOOL, VALVE REMOVER	1	1	1			R
		(A=E/#4734) (B=E/#2243) (C=E/#4714)							
3	1	26366-100002	NUT, M10	1	1	1			
4	1	133670-92010	TOOL, LINER UPPER	1	1	1			
5	1	140612-92020	TOOL, LOWER	1	1	1			
5-1	1	148620-92100	TOOL, LINER	1	1	1			N
		(A=E/#6252) (B=E/#5713) (C=2013.11)							
6	1	140623-92030	BOLT, LINER REMOVER	1	1	1			
7	1	22137-240000	WASHER, 24	2	2	2			
8	1	26732-240002	NUT, M24	2	2	2			
9	1	26772-240002	NUT, LOCK M24	1	1	1			
10	1	148660-92140	TOOL, PISTON	1	1	1			
11	1	148660-92850	TOOL, INDICATING	1	1	1			
12	1	42111-000020	GAUGE, DEFLECTION	1	1	1			
13	1	42111-000980	GAUGE, BORE	1	1	1			
14	1	42111-001420	MIRROR, GAUGE	1	1	1			
14-1	1	42111-001421	MIRROR, DEFLECTION	1	1	1			N 1
		(A=E/#5690) (B=E/#5713) (C=E/#5224)							
14A	2	42111-004660	MIRROR, DEFLECTION	1	1	1			W 2
		(A=2013.10) (B=2013.10) (C=2013.10)							
15	1	127610-92760	PLIERS	1	1	1			
16	1	28110-070080	SPANNER, 7X8	1	1	1			
17	1	28120-002000	WRENCH, 200	1	1	1			
18	1	28160-170190	WRENCH, 17X19	1	1	1			
19	1	28210-000140	OILER	1	1	1			
20	1	148620-92400	GAUGE, ANGLE	1	1	1			

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

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101300-51330	125	30	123482-39680	140	19	126440-49650	70	5 A	126665-49530	65	11	
101300-51390	125	31		141	13			13 A		67	20	
		43 B	123482-44570	57	47			22 A			34	
103200-53210	79	15		147	48			30 A	126665-49540	67	22	
104104-66990	99	25	123482-91291	118	17	126443-07100	19	19	126677-18900	36	33	
		25 -1		119	40	126616-18390	31	7	126683-18471	31	6	
	100	30	123672-55750	82	10		32	36		32	30	
104200-92350	126	2		83	33	126616-53120	79	11	126683-28240	28	6 -1	
	127	2			34	126616-53130	79	12	126683-44400	57	2	
104200-92600	126	3	123672-91220	113	6	126616-53300	79	17		147	2	
104507-07190	116	9	123678-55880	82	8	126616-61730	77	156	126683-59900	92	9	
105430-67110	116	11		83	31	126616-67300	99	8	126683-77250	95	2	
114780-61090	77	92	123682-07852	19	10		100	9	126683-77700	115	7	
119189-91260	118	8	123682-77740	113	5	126616-67301	99	8 -1	126683-91820	119	49	
	119	5	124060-39451	112	19		100	9 -1	126684-01440	4	3	
119593-44560	57	44 -1			21	126617-61910	78	26	126684-07660	116	10	
	147	46		140	18	126617-77500	111	3	126684-18150	31	4	
119593-91100	119	39			20	126618-11820	7	18		32	35	
119620-49290	27	14		141	12	126618-18360	31	9	126684-18401	31	11	
	54	20			14			9 B	126684-18900	36	3	
	57	33 F	124060-59380	66	32		32	44	126684-18901	36	3 -1	
	147	35 F	124160-01751	14	5			46	126684-18911	36	4	
119660-01570	78	2	124210-21230	75	3	126625-59440	122	42 -1	126684-49910	25	12	
120130-42130	55	6	124220-09340	19	15			53 -1	126684-61610	78	12	
	56	25	124220-51890	74	109	126625-59450	122	29 -1	126684-61620	78	13	
	131	5			110	126625-59460	123	3 -1	126684-61651	78	16	
121250-39450	112	1		77	5			146	3 -1	126684-77201	116	12
	140	2	124298-01760	16	8	126628-49650	66	34	126684-77210	116	13	
121450-01220	74	138 -2	124410-51861	74	108	126630-07361	19	11	126684-77220	116	14	
	76	19	124411-67830	99	5	126630-07990	19	17	126684-77240	116	17	
121575-91250	118	16		100	10	126630-91350	113	11	126684-91301	118	6	
121850-21920	38	4	124411-91160	112	3	126630-91351	113	11 -1	126684-91321	118	47	
122117-39150	120	1		113	2			141	4		119	4
	143	1		140	4	126630-91570	113	14	126684-91330	118	49	
	144	1		141	3			20	126684-91340	118	50	
	145	1	124610-51970	74	117			141	6		119	33
122210-92601	127	3	124617-91860	111	2	126630-91581	113	15	126684-91350	118	51	
122710-51360	77	4		119	51			141	7		119	34
123210-09310	37	11	125600-02451	83	2	126630-91591	113	23	126684-91360	118	52	
	132	11	126410-92720	126	8			25			119	35
123482-39660	112	22		127	18	126634-48180	57	59	126684-91370	118	53	
	113	26	126438-91501	112	7			58	11		119	36
	140	21		140	6			147	57	126684-91380	118	54
	141	15	126438-91541	112	11	126650-03072	41	50	126684-91390	118	55	
123482-39670	112	2		140	10	126650-44610	57	9		119	37	
	113	1	126440-49650	68	3 A			147	9	126684-91410	112	6
	140	3			9 A	126650-66260	99	16		113	12	
	141	2			9 B			100	7	126684-91502	113	13
123482-39680	112	20		69	5 A	126650-66270	99	12		141	5	
	113	24			13 A	126662-18820	32	10 -1	126685-09330	57	12	

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126687-07991	19	21	127692-91210	118	5	128633-32420	41	40	129574-91750	118	36
126687-18350	31	8		119	3	128633-32430	41	41		119	18
	32	9 A	127692-91270	118	22	128633-32450	41	43	129574-91760	119	32
		43		119	21	128633-59240	85	1	129574-91770	118	37
		45	127692-91350	118	18	128634-77531	115	2		119	19
127610-11750	25	14	127692-91410	118	40	129155-61480	78	3	129574-91780	118	20
	57	4		119	22	129156-61480	78	9	129574-91790	118	21
127610-11760	147	4	127692-91440	118	41	129170-91610	118	34	129574-91800	118	19
	25	15		119	23		119	16	129574-91870	118	3
	57	6	127692-91450	118	42	129170-91810	118	7		119	28
127610-44900	147	6		119	24	129170-91930	119	46	129574-91880	118	13
	57	60 -1	127692-91860	118	9	129198-07350	19	12		119	30
	147	27		119	25	129470-91190	118	23	129574-91890	118	48
127610-77720	113	4	127692-91900	118	56	129470-91210	118	23 A		119	27
127610-91221	112	4	127692-91950	118	57	129574-77700	111	4	129574-91930	118	24
127610-91350	112	5	127695-18180	36	30	129574-77710	111	5	129574-91960	118	58
	140	5	127695-18181	36	30 -1	129574-77720	111	6	129574-91970	118	59
127610-91850	113	7	127695-18190	36	15	129574-77980	119	50	129595-61600	78	11
127610-91860	113	8	127695-77500	36	32	129574-91240	118	10	129595-61671	78	19
127610-91880	113	10 A	127695-77501	36	32 -1		119	6	130110-54210	125	5
127610-92750	127	4	127698-77230	148	21	129574-91410	118	15	130605-51101	74	24
127610-92760	128	15	127698-77360	148	7	129574-91420	118	26	130605-51500	74	77
127612-55850	82	14	127698-77430	136	6		119	8	130605-51580	74	9
	19		127698-77490	148	26	129574-91430	118	29	130605-51830	74	105
	83	41	127698-77500	132	4		119	11	130605-51910	74	111
	48			19		129574-91440	118	32	130605-54420	76	3
127620-49650	68	3		19 -1			119	14	130605-54500	74	149
	9			136	7	129574-91490	118	12		76	1
	69	5	127698-77530	136	10		119	44	130605-54550	76	4
	13		127698-77560	148	27	129574-91530	118	63	130605-61510	74	118
	70	5	127698-77580	148	29	129574-91540	118	64	130605-65260	101	6
	13		127699-77210	148	34	129574-91550	118	65	130605-93400	125	44
	22		127699-77230	148	5	129574-91570	112	14 A	130618-14200	30	1
	30		127699-77240	148	19	129574-91600	118	38	130618-28101	40	6
	133	5	127699-77250	148	13	129574-91620	118	25	130618-51370	74	64
127620-91250	118	11	127699-77260	148	14		119	7	130618-51380	74	67
	119	43	127699-77270	148	15	129574-91630	118	28	131110-66420	77	65
127620-91660	118	4	127699-77290	148	16		119	10	132310-09330	57	10
	119	26	127699-77300	148	17	129574-91640	118	31		147	10
	29		127699-77310	148	12		119	13	132310-93171	125	25
127652-91210	124	1 B	127699-77350	148	2	129574-91650	118	39	132310-93180	125	26
127652-91220	124	1 C	127699-77360	148	24		119	20	132310-93370	125	21
127652-91240	124	1 D	127699-77370	148	25	129574-91710	118	35	133615-09110	95	1
127684-91760	119	31	128296-07260	20	4		119	17	133615-18621	37	5
127687-91760	118	14	128610-77200	107	1	129574-91720	118	27	133615-18622	37	5 -1
127687-91870	118	46		108	1		119	9	133615-18970	37	6
	119	41	128623-44210	57	8	129574-91730	118	30	133615-18980	37	7
127687-91880	118	45		147	8		119	12	133615-92350	127	4 -1
	119	42	128633-32390	41	38	129574-91740	118	33	133660-59320	50	9

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133670-39340	1	51	135665-07210	19	13	139653-34090	43	4	144626-61140	77	12
133670-49331	71	2	136600-42480	137	7	139653-91170	120	4	144626-61150	77	15
133670-76510	104	1	136603-51690	74	87		143	4	144626-61431	77	7
		2	136603-61440	77	109		144	4	144626-61450	77	111
133670-92010	128	4	136603-61590	77	49		145	4	144626-61461	77	116
133954-53900	63	12	136603-61600	77	50	139684-53170	79	14	144626-61510	77	39
133970-01670	7	13	136603-61860	77	61	139684-53450	79	19	144626-61530	77	40
135200-52071	75	10	136610-34112	43	8	140612-92020	128	5	144626-61620	77	51
135200-52170	75	16	137600-35310	83	3	140623-11740	23	21	144626-61740	77	120
135200-52213	75	20	137600-35330	83	4	140623-34060	43	5	144626-61751	77	122
135200-52301	75	22	137600-51332	74	52	140623-51530	74	81	144626-61761	77	123
135200-52320	75	31	137600-71040	82	15	140623-51540	74	82	144626-61771	77	125
135200-52350	75	28			20	140623-51580	74	10	144626-61781	77	126
135200-52361	75	29			83	140623-53360	22	37	144626-61800	77	8
135200-52510	75	33			42	140623-61310	77	33			97
135200-61970	77	134			49	140623-61500	77	38	144626-61840	77	58
135210-11280	54	19	137600-91021	120	3	140623-92030	128	6	144626-61890	77	62
135210-51080	77	3			143	140673-61160	77	22	144626-61900	77	129
135210-51610	77	90			144	140673-61350	77	37	144626-77201	107	2
135210-61080	77	91	137600-91023	120	3 -1	140673-61950	77	132			109
135210-61100	77	93			143	140673-61960	77	133	144626-91570	112	14
135210-61221	77	25			144	140695-92350	127	4 -2			140
135210-61230	77	26			145	141616-07200	20	1	144626-91820	112	15
135210-61320	77	34	137600-91302	120	5	141616-07210	20	2			113
135210-61380	77	100			143	141616-07220	20	3	144626-91821	112	15 -1
135210-61540	77	41			144	141644-59830	50	8			113
135210-61590	77	48			145	142903-92060	128	1			140
135210-61830	77	57	137600-93110	125	9	144626-28901	40	8			141
135210-61850	77	59	137600-93120	125	10	144626-32330	41	30	144626-92900	13	8
135310-59930	91	10	137600-93130	125	7	144626-34140	43	6			14
135410-01780	8	4	137600-93140	125	8	144626-34210	43	7	145410-32310	41	31
	9	4	137600-93150	125	11	144626-39543	50	6	145410-32400	41	33
	10	3	137600-93190	125	27	144626-39563	50	17	145610-32320	41	32
	11	3	137600-93200	125	12	144626-51281	74	50	145610-39901	48	2
135410-33310	37	9	137600-93210	125	13	144626-51290	74	51	145613-77420	137	2
	132	12	137600-93220	125	14	144626-51410	74	58	145640-09320	57	11
135410-35880	47	7 -1	137600-93230	125	15	144626-51430	74	60	145640-09321	57	11 -1
135410-35890	47	8	137600-93252	125	16	144626-51440	74	58 -1			147
135410-35900	47	9	137600-93280	125	17	144626-51521	74	80	146673-11870	22	7
135410-35910	47	10	137600-93301	125	18	144626-51670	74	85	147673-42260	56	7
135410-35920	47	11	137600-93310	125	19	144626-51700	74	88	147684-39510	87	10
135410-35930	47	12	137600-93350	125	20	144626-51730	74	95	148016-49900	66	7 C
135410-35940	47	7	137600-93362	125	32		96		148016-49910	68	14
135410-35950	47	2	137600-93372	125	22	144626-51940	74	113			15
135410-35960	47	3	137600-93390	125	28		114				69
135410-35970	47	4	137600-93500	125	23	144626-51950	74	115			19
135410-35980	47	5	137600-93802	125	43 A		116				70
135410-35990	47	6	137600-93850	125	33	144626-52230	75	21			35
135600-61481	77	118	138613-84232	41	29	144626-52270	75	8			37

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148016-59750	123	3	148616-39950	48	3	148620-01440	4	4	148620-11110	22	18
	146	3	148616-39960	48	4		16	5	148620-11180	22	22
148016-59760	122	29	148616-39970	48	5		17	1	148620-11260	23	18
148016-59770	122	42	148616-43630	54	5	148620-01452	1	26	148620-11272	23	24
	53		148616-43640	54	18	148620-01460	1	27	148620-11290	23	25
148016-61550	77	115	148616-48170	58	11 -1	148620-01470	3	1	148620-11304	24	1
148018-42031	55	2	148616-48200	57	58	148620-01490	80	23	148620-11305	24	1 -1
	131	2		58	12		101	14	148620-11306	24	1 -2
148018-42032	55	2 -1		147	56	148620-01501	4	1	148620-11441	24	13
	131	2 -1	148616-49930	66	7 A	148620-01520	4	2	148620-11442	24	13 -1
148018-42140	55	7 -1	148616-51671	74	86	148620-01560	4	9	148620-11460	22	24
	131	9 -1	148616-52161	75	7	148620-01630	7	2	148620-11470	22	26
148018-42170	55	8	148616-52240	75	23	148620-01640	13	1	148620-11530	22	28
	131	6	148616-52420	75	32	148620-01651	13	4	148620-11701	24	2
148018-42361	55	11	148616-54420	54	17	148620-01761	4	10	148620-11770	22	6
	131	8	148616-59050	84	1	148620-01771	8	8	148620-11780	22	6 -1
148018-91201	118	2	148616-59340	86	2		9	5	148620-11800	22	33
	119	2		87	5		10	8	148620-11801	22	33 -1
148018-91211	118	1		13			11	9	148620-11820	22	34
148218-33061	57	3	148616-61361	77	98	148620-01800	7	15	148620-11821	22	34 -1
	147	3	148616-61390	77	101	148620-01811	5	1	148620-11901	22	35
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148616-11170	22	21	148619-55530	83	9	148620-03402	16	6 -1	148620-18180	36	8
148616-11230	23	5	148620-01091	1	18	148620-03421	16	4	148620-18250	31	10
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148616-11950	57	33 B	148620-01200	2	5 -2	148620-03460	16	7	148620-18570	31	16
	147	35 B	148620-01243	2	6		17	9	148620-18910	34	9
148616-11970	22	8	148620-01280	2	3	148620-03480	16	13	148620-21150	38	1
148616-11981	22	9			3 -2	148620-03481	16	13 -1	148620-21201	38	3
148616-11982	22	9 -1	148620-01290	2	4	148620-03520	16	21 -1	148620-21350	38	6
148616-14320	28	3			4 -3		17	21 -1	148620-22310	39	9
148616-14330	28	4	148620-01300	2	5	148620-07160	19	8	148620-22311	39	9 -1
148616-18520	33	4	148620-01301	2	5 -1	148620-07301	19	3	148620-23202	39	15
148616-18550	33	1			5 -2	148620-07302	19	3 -1	148620-23220	39	16
148616-18900	33	6	148620-01350	14	1	148620-11070	22	4	148620-23820	39	19
148616-18920	33	3	148620-01390	1	29	148620-11092	22	5	148620-32201	41	16

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148620-32500	41	45	148620-51160	74	32	148620-59942	90	11	148633-44211	57	14
148620-32501	41	45 -1	148620-51950	74	140	148620-59951	90	5	148633-44212	57	14 -1
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148620-33030	42	2	148620-51952	74	140 -2	148620-77100	105	30	148633-44310	57	22
148620-33041	42	3	148620-52001	74	148		106	31	148633-44311	57	22 -1
148620-33050	42	17		75	1	148620-77110	105	31		147	22
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148620-33070	42	18		75	1 -1	148620-77500	105	32		147	24
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148620-35110	45	2 A	148620-52071	75	6 -1	148620-91150	120	13 -1	148633-77090	105	37
	46	2 A	148620-52072	75	6 -2		143	13 -1	148633-77410	137	4
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	46	2	148620-52110	75	12		145	13 -1	148633-91230	113	3
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	46	9	148620-52190	75	18		143	20 -1		32	29
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148620-35311	47	1 -1	148620-53160	79	13		145	17 -1		131	4
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148620-35331	47	16	148620-54020	81	1		144	14 -1		131	7
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148620-39300	1	52	148620-54392	80	3 -1	148620-92170	128	2	148640-21170	38	1 E
148620-39420	50	7	148620-54420	80	4	148620-92400	128	20	148640-21180	38	1 F
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	73	2	148620-59471	88	130	148633-11190	22	23	148640-61170	77	20
148620-49800	58	5	148620-59472	88	130 -1	148633-32140	41	21	148640-61180	77	21
148620-51030	74	11	148620-59473	88	130 -2	148633-35400	45	3	148640-61200	77	23
148620-51060	74	15	148620-59490	88	129		46	3	148640-61240	77	27
148620-51071	74	17	148620-59910	90	1	148633-43400	54	9	148640-61250	77	28

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148640-61800	77	55	148660-18124	36	7 -2	148660-43121	54	16 -1	148660-49391	66	36 -1
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148640-61850	77	60	148660-18133	36	14 -1	148660-43140	54	4	148660-49410	66	9
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148640-91480	122	43	148660-18411	36	23	148660-44361	57	34 -1	148660-54300	80	12
148660-01604	7	1	148660-18412	36	23 -1	148660-44410	57	33 -1	148660-54301	80	12 -2
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148660-13030	27	9		56	26	148660-49342	72	1	148660-86100	102	1 -1
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148660-13120	27	1 A	148660-42460	55	12 -1	148660-49350	66	20 -1	148660-91101	121	1 -1
148660-13121	27	1 A-1		131	12 -1						
148660-13140	27	1 -1	148660-42602	54	27						
148660-13501	27	6	148660-42603	54	27 -1						

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148660-91121	121	1 A-1	148665-59350	88	100	148690-03500	17	24	148690-59030	83	41 -1
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148660-91211	122	8	148669-77900	110	1 -1	148690-07910	21	5	148690-59050	88	15
148660-91222	122	12	148669-77910	139	1 -1	148690-07911	21	1 -1	148690-59060	88	22
148660-91223	122	12 -1	148687-35300	45	4			5 -1	148690-59070	88	29
148660-91230	122	35	148688-01550	4	13	148690-32500	41	51	148690-59080	88	36
148660-91240	113	3 -1	148688-35301	46	4	148690-34830	44	6	148690-59110	91	11
148660-91301	122	21	148688-49730	66	43	148690-43100	56	2	148690-59120	88	2
148660-91312	122	25	148688-49900	66	27	148690-43110	56	3	148690-59220	88	9
148660-91313	122	25 -1		67	21	148690-43120	56	4	148690-59230	88	16
148660-91320	123	1 -1	148688-52013	75	2	148690-43121	56	4 -1	148690-59240	88	23
	146	1 -1	148688-52014	75	2 -1	148690-43130	56	5	148690-59250	88	30
148660-91420	122	57	148688-52120	75	13	148690-43140	56	22	148690-59260	88	37
148660-91450	122	41	148688-52141	75	15	148690-43150	56	24	148690-59380	86	5
148660-91470	122	48	148688-54490	76	9	148690-44320	147	23	148690-59390	87	1
148660-91500	122	58	148688-54520	76	11	148690-49200	64	15	148690-59400	87	1
148660-92140	128	10	148688-54540	76	12	148690-49230	64	1	148690-59410	87	14
148660-92850	128	11	148688-54550	1	39	148690-49240	132	13	148690-59420	88	23
148661-42611	54	32 -2		76	13	148690-49250	67	1	148690-59440	87	15
148661-77290	136	2	148688-54580	76	14	148690-49280	132	14	148690-59450	87	43
148661-77300	136	3	148688-61500	78	10	148690-49350	132	42	148690-59510	88	57
148661-77332	136	4	148688-61630	78	14	148690-49360	132	43	148690-59520	88	71
148665-49130	69	20	148688-61640	78	15	148690-49370	132	45	148690-59530	88	85
148665-49150	69	34	148688-61650	78	17	148690-49380	67	17	148690-59540	88	99
148665-49170	68	16	148688-61660	78	18	148690-49390	67	18	148690-59550	88	113
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148665-51030	74	12	148688-61790	78	21	148690-49411	132	35	148690-59920	92	1
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148665-51760	74	92	148690-03330	17	4	148690-49840	132	62	148691-18530	32	16 -1
148665-51800	74	103	148690-03431	17	15	148690-49850	132	42 -1	148691-18540	32	18 -1
148665-51810	74	112	148690-03432	17	15 -1	148690-49861	132	61	148691-18550	32	19 -1
148665-59310	88	44	148690-03461	17	20	148690-49871	132	43 -1	148691-18560	32	14 -1
148665-59320	88	58	148690-03472	17	10	148690-49880	132	45 -1	148691-18570	32	24 -1

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148691-49330	69	10		138	2	152623-51270	74	49	164010-21220	129	32
148691-51200	74	39	148816-01820	7	5	152623-51450	74	71	164010-21230	129	33
148691-51250	74	43	148816-03160	16	22	152623-51510	74	78	164010-21240	129	34
148691-51370	74	65	148816-03170	16	23	152623-51540	74	83	164010-21400	130	20
148691-51380	74	68	148816-08200	13	20	152623-51750	74	97	164010-21600	129	2
148691-51450	74	62	148816-32280	41	19	152623-51760	74	98		130	2
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148691-51700	74	89			16	152623-51810	74	104	164010-23020	130	22
148691-51951	74	139	148816-49710	65	10	152623-51850	74	106	164010-23030	130	23
148691-51952	74	139 -1		66	7	152623-52300	75	24	164010-23040	130	24
148691-51953	74	139 -2		67	19	152623-53360	79	18	164010-29000	129	30
148691-52320	75	31 -1		33		152623-59560	89	1	164010-29100	129	3
148691-53002	79	3	148816-59320	87	4	152623-59990	89	3		130	3
148691-54500	74	150			12	152623-61051	77	9	164010-30010	129	4
	76	2	148920-92600	127	3 -1	152623-61430	77	96		130	4
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	76	2 -1	148928-11650	22	29	152623-61460	77	117		130	7
148691-54550	76	5	148960-11221	23	4	152623-61910	77	63	164010-31100	129	5
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148691-61140	77	14	148960-11280	23	26	152633-78280	105	33	164010-31410	129	10
148691-61150	77	17	148960-12150	27	10	152672-59560	89	2		130	10
148691-61160	77	19	148960-44610	57	9 -1	152673-21500	38	9	164010-31500	129	9
148691-61490	74	156		147	9 -1	152673-51240	74	41		130	9
	78	1	148960-49530	27	11	152673-51250	74	48	164010-51010	129	12
148692-08100	13	19 A	148961-59440	88	132	152673-51360	74	53		130	12
148692-08110	13	19 B	148965-54510	76	10	152673-51390	74	54	164010-51100	129	11
148692-18350	33	15	148965-54690	74	151	152673-51420	74	59		130	11
148692-18370	33	17		76	8	152673-51430	74	61	164010-51101	129	11 -1
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148692-49312	70	1 -2			17 -1	152679-51390	74	55		130	13
148692-49330	70	10	148999-49480	132	16 -1	152696-51050	74	14	164010-52010	129	14
148692-49331	70	10 -1	150623-91300	143	14	152696-51090	74	23			16
148692-49410	70	19		145	14	152696-51370	74	66			18
148692-49411	70	19 -1	151623-49380	68	2	152696-51850	74	107			20
148692-49430	70	27			20	152696-54790	76	7		130	14
148695-18010	31	3		69	4	158805-85900	74	119			16
	32	3			24	158835-85990	78	31	164010-53000	129	15
148695-18020	31	2		70	4	164000-32000	112	6 -1		130	15
	32	2			18		113	12 -1	164010-53100	129	17
148695-18021	31	2 -1			39		140	1	164010-59000	129	19
	32	2 -1		133	1		141	1	164010-71020	129	8
148699-14140	28	1	152623-14740	29	8	164010-03040	130	1		130	8
148699-14170	28	1 -1	152623-28270	40	5	164010-03041	130	1 -1	164010-73000	129	21
148699-18500	37	2	152623-51050	74	13	164010-05020	129	1	164010-73010	129	22
148699-18501	37	2 -1	152623-51070	74	19	164010-05021	129	1 -1	164010-73020	129	23
148699-18502	37	2 -2	152623-51150	74	30	164010-16230	129	24		130	17
148699-18510	37	3	152623-51170	74	34	164010-16231	129	24 -1	164010-73100	130	18
148806-01830	138	1	152623-51181	74	36	164010-21040	129	29	164010-73110	130	19

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175046-05550	116	8		80	24	22190-080000	78	32	22217-140000	76	15
175149-11701	22	30		99	3	22190-080002	77	137		77	69
175149-11702	22	30 -1		100	14		82	11 -1		104	3
177101-09281	126	10		101	15		83	35		105	34
	127	20		102	3			36		106	35
177501-09051	126	9		104	22	22190-080003	5	5		107	8
	127	19		107	18		6	5	22217-160000	134	3
177503-04311	116	2		114	1	22190-100002	78	33	22242-000100	77	31
177503-04390	116	3		136	13	22190-120002	63	13 -1	22242-000110	77	70
177503-04400	116	4		147	44 A		74	120	22242-000160	24	9
177561-04630	116	5	22137-120000	15	5		77	67	22242-000320	23	17
177561-04850	116	6		25	4	22190-120006	57	33 C	22252-000140	75	9
177561-04860	116	7		68	7		147	35 C	22252-000520	137	8
180110-51160	125	2		13		22190-140002	83	32	22252-000620	39	10
180110-51170	125	3		22		22190-160001	24	14		54	8
180110-54200	125	4		35		22190-160002	74	121	22252-000800	56	12
180110-66410	77	64		69	9	22190-160003	113	9 -1	22252-000900	55	14
185700-00201	116	1		17		22190-180002	63	9 -1		131	14
194180-51640	110	2		26		22190-180006	52	4 -1	22272-000060	78	34 -1
	115	1		39		22190-220002	63	11 -1	22276-000060	78	34
	139	2		70	9	22190-360002	57	61	22276-000070	77	71
198220-56160	119	38		17			112	16	22287-080000	78	35
198451-78680	119	45		26			113	17	22312-040120	29	7
21151-030252	125	34		34			147	28	22312-060060	38	5
21151-030322	125	35		41		22212-040000	120	6	22312-060080	1	25 A
22111-080000	77	135		53			143	6	22312-060100	1	12
22117-080000	77	66		81	15		144	6	22312-060120	1	55
22117-100000	72	6		82	15 -1		145	6	22312-060140	77	72
	77	30		20	-1	22212-050000	102	10		73	
22117-120000	24	7		83	42 -1	22213-080000	55	13	22312-060200	77	73 -1
	117	2		49	-1		131	13	22312-080100	1	17
22131-270000	55	23 A		133	6	22217-030000	134	2		22	32
	131	23 A	22137-140000	136	14	22217-040000	112	12	22312-100200	89	5
22133-160000	56	14	22137-160000	7	19		140	11	22312-100250	117	3
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	100	12					99	11		4	6
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	101	8				22217-080000	57	50	22312-120360	54	30
22137-100000	36	11					77	138	22322-030180	75	30
	57	42 A	22137-220000	13	36			139		77	45
	63	7	22137-240000	56	17	22217-100000	40	1	22351-050010	74	124
	68	21		128	7		114	2	22411-160150	77	140
	34		22157-200000	13	11		142	1	22411-200150	125	36
	69	25				22217-120000	1	35	22417-160100	99	17
	38		22190-060001	77	136		4	8		100	16
	70	40	22190-060002	66	33		74	123	22417-160120	77	74

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22417-200160	101	9		141	9		139	4 -1			37
22486-080220	100	18	23112-100000	104	26			5			48
22512-050120	77	142	23112-120007	104	6	23297-220081	86	11			146
22512-070140	137	9	23152-100000	134	4	23297-250121	50	23			147
22512-070200	54	12	23163-100000	134	5		110	5 -1	23414-130000	1	46
	74	127	23163-100007	104	7		139	5 -1			43
22512-070222	74	125	23163-120007	104	8	23311-060001	83	38			17
22512-070320	56	15	23211-050061	18	1		92	14			44
22512-100260	55	15	23211-065077	60	11		94	19	23414-140000	8	5
	131	15		61	9 A	23351-080000	125	38			7
22512-100340	74	126		62	11 A	23414-080000	94	8			9
22512-100360	80	18		67	28		96	1			9
22512-120300	80	13		132	53	23414-100000	25	11	23414-160000	7	6
22512-120450	28	7			57		26	12			11
22522-030100	77	75	23211-150166	34	13		66	35			12
	99	9			17		83	11			13
	100	19			21			12	23414-170000	1	18
	101	3			35	7	23414-100014	113	10		25
22522-040130	77	143	23211-200218	34	1	23414-110000	125	39			22
22522-070220	41	23			5		23414-120000	1	41	43	13
22624-200030	19	9			10			44		94	11
	20				35	2		16		98	3
22724-800380	114	3	23221-340001	9	8		17	12	23414-180000	1	6
23000-013000	57	48			11	13		25		46	48
	92	10	23221-610001	66	20			6		25	7
	147	49	23231-025034	134	6			13		36	13
23000-022000	16	20	23297-060121	53	5	23414-100000	113	10			37
23000-054000	68	4		92	11	23414-110000	125	39			22
	10				13		23414-120000	1	41	42	13
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	14				8			16		49	6
	70	6			94	18		17		57	35
	14				122	16		25		58	6
	23					17		6	23414-190000	1	12
	31					18		13		63	9
23010-009000	57	49			30			65		64	3
	147	50			123	4		5	23414-200000	1	13
23010-015000	25	5			146	4		66		66	13
	37	29	23297-080081	90	17		90	3			40
23010-017000	65	13	23297-080121	26	11		16		67		7
23034-030030	104	23	23297-100121	16	21	92	8		132		23
23061-070500	125	37		17	21		92	8			38
23061-071700	57	46			90	4		15	23414-180000	1	37
	147	47	23297-120121	50	13	93	6			50	43
23061-120500	65	14	23297-150121	110	3	94	10			52	12
23111-100007	104	4			139	3	122	6	23414-190000	1	4
23111-120007	104	5	23297-180121	110	4			19		52	35
23112-010007	112	26			139	4		31	23414-180023	1	23
	113	30	23297-200121	110	4 -1			39		51	11
								44	23414-200000	1	3
								54		51	5
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	84	5			32		94	12		77	77		
	8				42		122	32		147	35 D		
	86	4			54			46			43		
	8			133	7		55						
	87	6	23421-510000	16	26		64		23887-140002	8	6		
	7		23428-260000	50	18		123	5		9	12		
	8		23428-360000	9	11		146	11		10	7		
	16			11	14	23857-100000	1	50	23887-160002	74	129		
	17		23428-620000	66	21		94	13	23887-180002	1	42		
	18		23431-025000	68	24		146	5	23887-200002	1	22		
	122	45		37		23857-120000	52	5		42	10		
23414-210000	27	5		69	28	23857-150000	84	4		83	17		
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	33	8		70	43		86	3	23893-030002	66	12		
	19				55			7		67	10		
	42	20	23431-065000	60	3		87	2 -1		132	27		
	57	7			6			9	23893-060002	66	16		
	63	11			12			19		67	11		
	64	4			17			20		132	28		
	124	2			61		23857-180000	53	11	23894-020002	56	20	
	147	7			62			12	23894-030002	57	36		
23414-220000	53	8			67	29	23875-040000	58	7		66	42	
	9		23438-050000	18	2	23875-100000	63	18		132	40		
23414-220029	77	76	23438-065000	132	54	23876-005000	23	16		147	38		
23414-250000	37	12			58		23876-010000	1	16	23894-040002	27	4	
	132	24	23440-150000	35	8			22			4	-1	
23414-250031	75	36	23440-200000	35	3			56	21		33	9	
23414-270000	66	17	23454-025000	134	7	23876-030000	22	11			20		
	67	8	23573-400250	135	1			25	3	23897-010002	25	10	
	132	25	23751-100657	134	37	23876-040000	1	15			66	34 -1	
23414-300000	8	5	23751-100907	134	8			12	5		132	64	
	9	10	23821-060001	83	39			22	12	23897-020002	1	47	
	10	5			92	16	23877-040000	37	23		43	16	
	11	5			94	20	23883-120002	66	14	23897-030002	1	49	
	57	33 A	23831-060000	122	40			67	9		25	9	
23414-330000	147	35 A	23831-100000	16	19			132	26		36	12	
	43	11			17	23			49		37	21	
	104	24	23831-120000	50	11	23884-120002	66	41			42	12	
23414-360000	1	19	23831-150000	51	2			132	39		43	14	
23421-440000	68	5			4		23887-080002	77	145		49	5	
	11		23854-060000	122	7		23887-100002	78	37			11	
	23				20		23887-120002	1	40		58	8	
	36		23854-080000	26	14				45		63	8	
	69	7	23857-030000	94	7				25	8		64	5
	15		23857-060000	53	10				8	-1	23897-040002	42	19
	27				90	2			43	9		57	5
	40					15			57	33 D		63	10
	70	7			92	7			41			64	6
	15				17			65	4			77	78

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23970-150001	34	14	24321-001300	55	20			47		100	21
		18		131	20			56		26106-100182	40
23970-200001	34	2	24321-002100	56	6	26106-060302	48	6		95	3
		6	24321-002300	57	28	26106-080122	7	11	26106-100202	4	5
24101-062054	54	7		147	30			90	18		12
	137	10	24326-000300	42	6			101	13		7
24101-062074	56	11	24326-000400	22	13			116	18		7
24101-062104	80	7	24326-000450	43	18				19		22
24101-063054	54	6	24326-000500	49	4				20		27
24101-063074	56	10			9	26106-080142	41	20			8 -1
24101-063084	55	16	24326-001900	37	8	26106-080162	16	11		36	20
	131	16	24341-000140	88	127			17	13		40
24101-063104	80	6	24341-000900	74	130			57	37		9 -1
24211-050002	80	8	24356-190170	74	84 -1				51		54
24231-050000	80	9			131 -1				56		56
24311-000070	125	41	24356-190180	74	131			78	42		18
24311-000080	77	79	24421-405508	55	21			80	15		57
24311-000090	74	50 -1			80	10		86	12		38
24311-000110	77	146			131	21	26106-080182	147	39		9
24311-000120	78	38	24423-355511	56	9	26106-080202	77	149		64	25
24311-000160	78	39	25132-002800	107	14			5	4		21
24311-000180	125	42			15			6	4		67
24311-000250	54	10			136	16		16	10		23
24311-000400	55	17	26013-080302	74	132			17	14		73
	83	18	26013-120302	4	7 -1			28	5		3
	131	17			15	4		5	-1	26106-100222	64
24311-000420	79	21	26106-060122	19	5			86	13		8
24312-000050	77	80			105	39	26106-080222	102	6	26106-100252	1
24312-000070	77	147			106	36		74	133		28
24312-000200	77	81			115	9	26106-080252	77	85		32
24316-000140	42	7			122	65		36	18		3
	88	131	26106-060142	41	26	26106-080302	50	15		16	3
24316-000220	88	128			78	40		24	3		5
24316-000320	14	4	26106-060162	77	82			55	23		17
24316-000480	45	7			83			77	150		5
	46	7			120	7		89	4		21
24316-570480	2	7			143	7		6			36
24321-000700	55	18			144	7	26106-080322	131	22		42
	131	18			145	7	26106-080352	77	87		9
24321-000750	132	59	26106-060182	77	84			115	10		24
	63				78	41	26106-080402	136	17		57
24321-000800	63	3			100	20	26106-080452	36	16		39
	64	7	26106-060202	99	10	26106-080602	136	18		63	4
24321-000900	63	16			100	20 -1	26106-080852	24	5		64
	64	11			101	4	26106-080902	74	134		8 -1
24321-000950	63	15			122	33	26106-081052	24	6		22
	64	12	26106-060222	77	148	26106-100122	80	21		65	3
24321-001000	55	19			123	7	26106-100162	26	15		38
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	101	12	26106-100452	36	31	26116-101402	36	10	26116-141502	107	4
	107	12		50	10	26116-101802	8	12	26116-160502	134	9
	121	3		20			9	15	26116-160552	34	15
	132	41	26106-100502	14	3		10	13			19
	147	41		43	19		11	17			22
26106-100282	56	27		58	10	26116-120202	67	24			35
	95	4		71	3		81	21			66
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	14		26106-100552	104	25		67	25			35
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	16			57	40		11	18	26138-120252	76	16
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	41	44		71	4		27		26156-100404	107	10
	42	14	26106-100752	7	9		40		26156-120202	28	9
	45	8		37	14		69	8	26156-140252	37	28
	46	8	26106-100802	42	15		16		26156-140302	29	10
	50	21	26106-101002	132	8		31		26156-140402	57	55
	54	29		30			44			147	53
	55	25	26106-101052	66	4		70	8	26156-140602	76	18
	57	57	26106-101102	37	25		16		26156-160252	7	20 -1
	63	17	26106-120302	25	16 -1		25			64	25
	64	23	26106-120402	67	30		33		26156-160352	7	21 -2
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	143	8	26113-160452	16	27		51			147	52
	144	8	26116-050162	102	9		52		26156-160452	13	2
	145	8	26116-081302	36	17		133	8	26156-160802	13	6
	147	55	26116-100252	68	25	26116-120352	64	24	26156-200402	28	6
26106-100352	12	6		38			66	19	26156-200502	40	10
	17	7		69	29		67	13	26203-120202	33	10
	37	13		42			132	31	26203-120302	27	13
	40	2		70	44	26116-120402	18	3		62	10
	64	13		56			57	56	26203-120352	60	4
	66	11	26116-100352	68	26		147	54	26203-120452	60	7
	67	12		39		26116-120902	24	4			13
	91	8		69	30	26116-121152	81	14			18
	132	7		43		26116-121202	81	13			61
	29			70	45		107	5	26206-080162	96	2
26106-100402	7	8		57		26116-121252	91	7	26206-080252	142	2
	36	5	26116-101102	57	42 B	26116-121602	7	12	26206-100652	142	3
	41	49		63	6	26116-140352	37	27	26206-120302	117	1

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	132	55		146	8		144	11	26716-200002	13	9		
26206-120552	132	9	26366-080002	36	28		145	11			15		
26206-120702	132	32		57	52	26557-040352	142	4			29		
26206-121302	132	60		78	44	26559-060122	118	60			33		
26213-120302	27	18		86	14	26567-050162	77	108			34		
26216-100222	47	13		102	7	26573-040162	31	12			8		
26216-100252	45	5		116	23	26601-140002	77	88			12		
	46	5		24		26602-140002	22	38			35		
	47	19	26366-100002	12	4	26606-100002	107	11	26717-040002	120	12		
26216-100302	1	21		36	6	26667-080002	78	45			143		
26216-100402	83	45		42	21	26692-140002	23	6			144		
		51		45	6			12			145		
26216-100752	107	19		46	6	26703-120002	31	13	26717-050002	102	11		
	136	21		47	14		60	8	26731-160002	56	13		
26216-101002	55	26		20				14	26732-160002	1	38		
	56	28		49	10		61	8	26732-240002	56	16		
	131	26		55	27	26704-120002	60	19			128		
26216-101102	107	20		56	29	26706-080002	77	151	26736-120002	74	138		
	136	22		57	32	26706-100002	68	28	26736-160002	136	25		
26216-101402	42	22		64	14			41	26736-220002	13	37		
26216-121202	1	33		26			69	32	26736-270002	76	6		
26226-060162	74	135		80	25			45	26756-060002	77	152		
26226-080202	36	27	-1	83	46		70	47			99		
26226-080252	36	27		52				59			100		
26226-100352	57	29		91	9		72	4			115		
	147	31		101	16		83	20			116		
26226-100382	83	19		107	21	26706-120002	107	7	26756-080002	36	29		
26232-160402	1	37		120	10		132	10			100		
26232-161602	1	36		121	5			33			142		
26292-140352	104	9		128	3			33	-1	26756-100002	83	47	
	105	35		131	27			56			53		
	106	37		136	23	26706-140002	107	6			107		
26292-141202	54	33		143	10		136	24			136		
26346-060002	41	27		144	10	26713-160002	16	28	26756-120002	82	18		
26346-080002	36	28	-1	145	10	26716-060002	74	137			22		
26346-100002	72	7		147	34		118	62	26756-200002	13	12		
26356-200002	54	13		26376-100002	42	5	26716-080002	100	23			18	
26366-060002	78	43		26376-120002	74	138	-1	26716-100002	57	30			30
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	100	22		26450-060202	104	10	26716-120002	1	34	26757-080002	78	46	
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	12			26450-060252	74	136		64	28	26772-240002	128	9	
	116	21		26450-080222	77	86		67	31	26772-270002	80	17	
	22			26464-065000	64	27	26716-160002	34	16	26776-120002	23	23	
	120	9		26556-060122	118	61			20			77	
	122	34		26557-030062	134	11			23	26776-200002	137	11	
	123	8		26557-040062	112	13			35	10	26776-220002	13	38
	143	9			140	12			66	23	26796-100002	72	5

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26911-050052	1	54		145	14 A	41701-001720	102	5	42222-003380	120	17	
26956-080202	142	6	28886-104555	120	15	41710-000410	102	8		143	17	
26979-050062	134	13		143	15	41710-001300	102	12	42222-550301	19	6	
27200-400400	57	31		144	15	41710-551100	142	7	42430-015330	62	8	
	147	33		145	15	41710-551110	142	8	42430-015400	61	5	
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	132	34	29110-150010	114	6	41710-551130	142	10	43100-552882	104	12 -1	
27241-250000	22	15	29110-150012	114	7	41730-500370	103	3	43100-553541	35	1	
27241-300000	22	16	29311-093000	100	26	41730-501200	103	1	43100-569941	35	6	
27241-350000	1	13			27	41730-501250	103	2	43100-572310	35	6 -1	
27241-400000	22	17	29311-123000	40	8 A	41903-650040	105	36	43230-014360	96	3	
	27	3	29311-124000	107	17		106	38	43230-014440	96	4	
27241-500000	1	14		136	5		120	23	43230-027842	95	5	
27720-407001	103	4	29621-100000	99	24		143	23	43230-027850	96	5	
	103	5		100	28	42111-000020	128	12	43230-556830	57	43	
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	127	5	40000-014600	62	3	42130-010910	57	33 E	43320-001250	9	17	
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	143	13	41650-501140	82	3	42212-500370	13	39 B	43600-557240	134	20	
	144	13		83	23		42212-550800	13	25	43662-065010	60	1
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	143	20		83	25	42215-570330	57	44	43711-097390	94	15	
	144	17	41650-501170	82	6	42215-570340	57	45	43711-097401	94	16	
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43711-104430	146	2			44	46150-005191	120	22	748620-02780	1	59	
43711-105250	123	2		67	26			143	22	748620-02940	1	64
43711-109220	68	29			27			144	19	748620-02950	1	62
		42			35					748620-11261	23	19
	69	33	43730-555570	122	66		145	19	748620-23100	39	11	
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	136	27	44100-555890	134	29	46150-504711	113	18 -1	748640-23150	39	11 B	
43711-572570	107	24	44100-555900	134	30		141	11	748640-23160	39	11 C	
43711-572571	107	24 -1	44100-555910	134	31	46150-552450	112	17	748640-23170	39	11 D	
	136	28	44100-555920	134	32	46150-552451	112	17 -1	748640-23180	39	11 E	
43720-003180	34	9 -1	44100-555930	134	33		140	17	748640-23190	39	11 F	
43720-018050	68	3 B	44100-555940	134	34	46150-570800	111	7	748640-53120	79	2	
	69	5 B	44100-555950	134	35	46150-571270	113	22	748640-55100	83	1	
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	70	5 B	44100-563330	104	17	46150-571380	99	20	748660-01550	10	1	
	13	B	44100-564130	104	19	46150-575960	120	26	748660-22500	39	3	
	22	B	44100-564340	104	18		143	26	748660-42012	55	1	
	30	B	45220-551780	40	3	46150-576160	120	19 -1	748660-42013	55	1 -1	
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	70	6 -1	46111-500190	113	10 B	748620-01706	1	1 -1	748690-42012	131	1 -2	
	14	-1	46116-000680	101	1	748620-01750	1	1 -2	748690-42020	131	1 -3	
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	31	-1	46120-000950	114	8	748620-01901	2	1 -1	748690-43021	56	1 -1	
	133	9	46120-551450	106	39			1 -3	748691-51302	74	1	

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748699-11051	22	1 -1		106	18	X340914700	108	22	X4918211560	32	28
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748699-18112	37	1 -2		106	29	X360027810X0	105	19	X4918219500	32	42
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748960-11151	23	1	X136107400X0	105	21	X365003300X0	105	13	X4918230231	32	20
748960-11310	24	8		106	21		106	13	X4918230500	32	21
748960-11871	23	2	X137100020X0	105	14	X366102710X0	105	23	X4918245010	32	6
748960-11881	23	8		106	14		106	23	X4918246010	32	7
748960-11891	23	14	X137300010X0	105	16	X403000100	108	8	X4918255230	32	4 -1
949162-23200	32	12		106	16		109	19	X4918255630	32	4
977780-02411	59	1	X158606402X	59	3	X404006410X0	105	8	X4918256050	32	5
977780-03000	59	9	X179100022X	59	5		106	8	X4918258160	32	40
X0044021509	59	7	X179100100X	59	6	X404006510X0	105	7	X501004740	108	32
X03071607152	83	29	X190297800X0	148	23		106	7	X501016110	109	33
X0318121011	59	2	X190602610	108	11	X404100200	108	9	X501019900	108	6
X0550720700	32	13	X190602900	109	8		109	17	X501021000	109	15
X121100320	109	2	X198010300	109	36	X404100800	109	18	X501021500	108	27
X121114620	108	2	X198011201	108	31	X404100900	108	10	X501037720X0	148	6
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X1221074000	108	19	X220201011	108	24	X410100810	109	39	X501039800X0	148	9
X123015301	109	3	X224015400	109	4	X414000000	109	32	X501040000X0	148	20
X123033300X0	148	3	X224016730	108	3	X414000810	108	23	X501050000X0	148	8
X123104800	109	20	X224033900X0	105	4	X414133200X0	105	12	X502010600X0	148	18
X123500010	109	5		106	4		106	12	X502010700X0	148	32
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