

OCR10-M56002EN

Introduction

1. This parts catalog for 3YM30 is published as a revised edition.

	Date of issue	Remarks
First edition	Aug., 2003	No need
1st revised edition	May 2012	No need
2nd revised edition	Dec., 2018	

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

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

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

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

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OCR10-M56002

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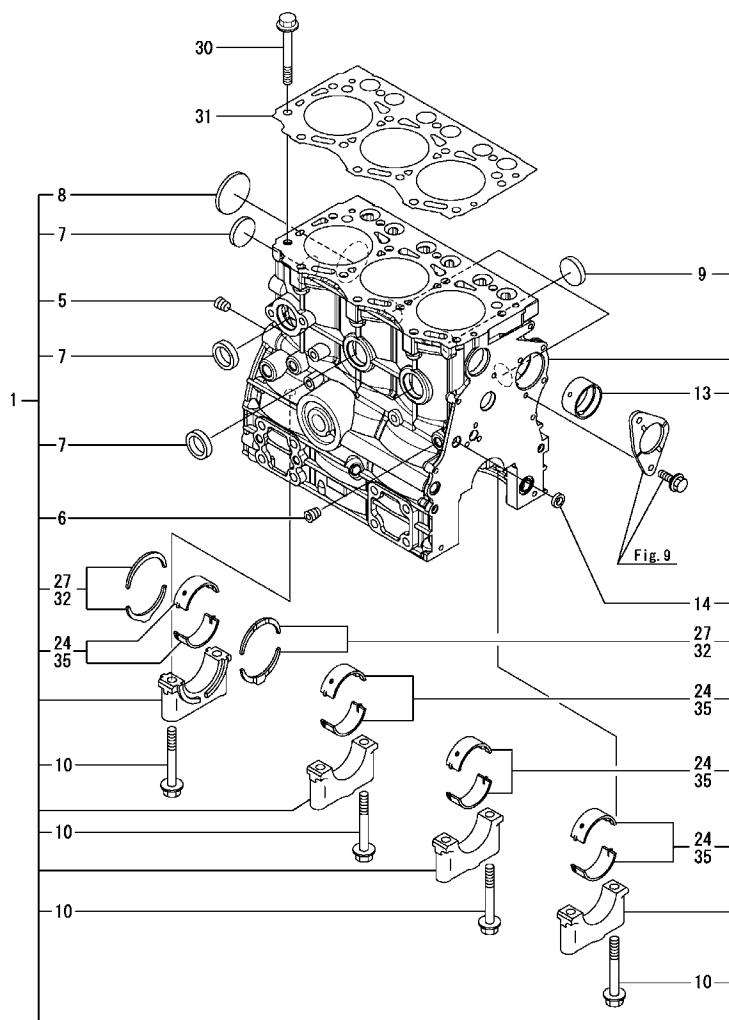
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Fig.1. CYLINDER BLOCK



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

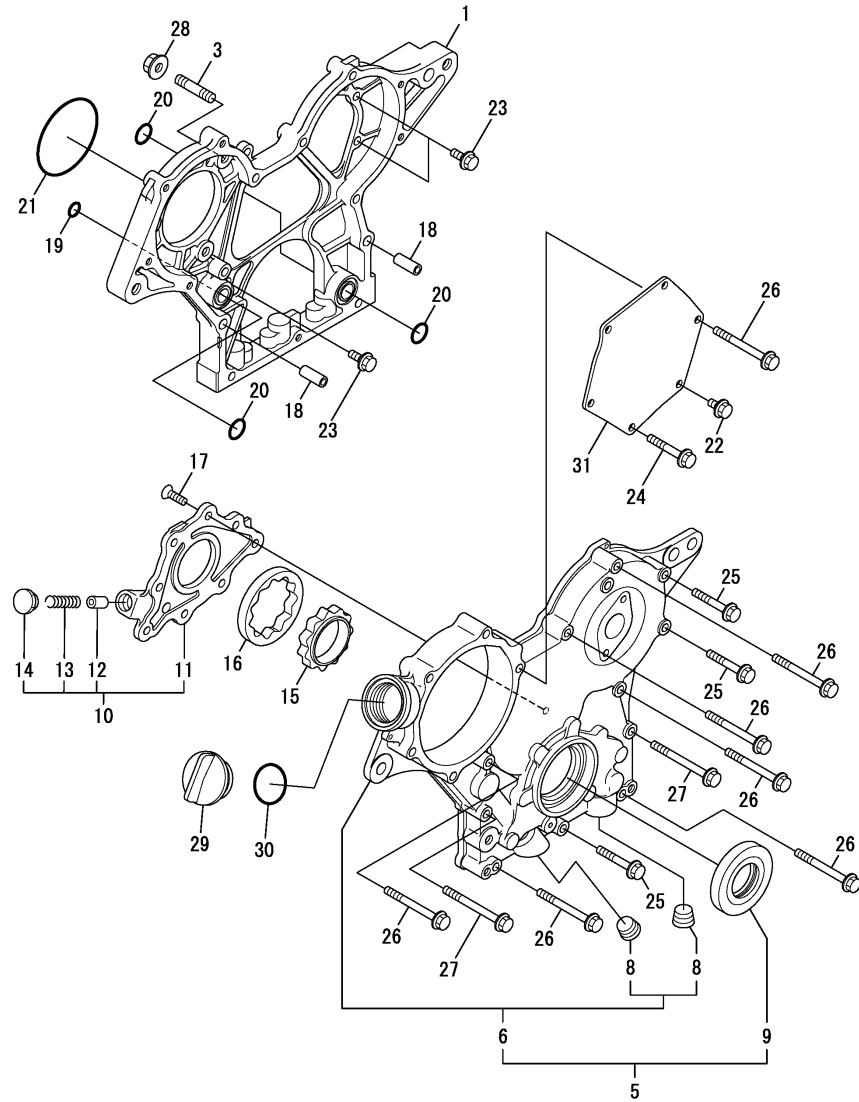
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(B)=
(C)=

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

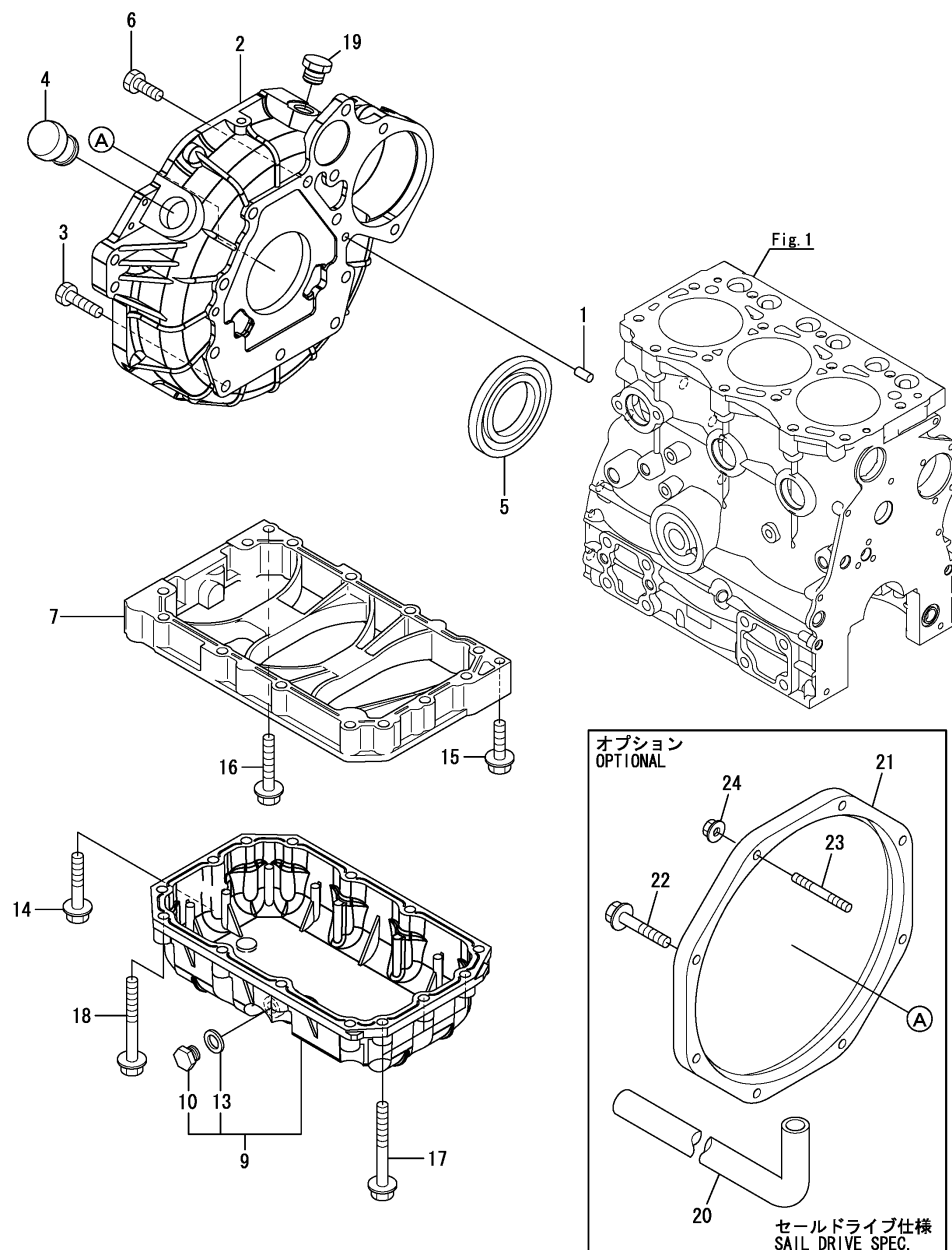
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-01560	BLOCK ASSY, CYLINDER	1							
1-1	1	719717-01561	BLOCK ASSY, CYLINDER	1							N
(A=*2004.09.)											
5	2	124160-01910	PLUG, PT1/4	1							
6	2	124060-01050	PLUG, PT1/8	1							
7	2	105311-01090	PLUG, 30	4							
8	2	119623-01250	PLUG, 45	1							
9	2	119285-01990	PLUG, 25	3							
10	2	119620-02020	BOLT, METAL CAP	8							
13	2	119717-02410	BUSH, CAMSHAFT	1							
13-1	2	119717-02411	BUSH, CAMSHAFT	1							N
(A=*2006.06.)											
14	2	27241-120000	PLUG, 12	1							
24	2	719717-02900	METAL ASSY, MAIN	4							1
24-1	2	719717-02901	METAL ASSY, MAIN	4							N 1
(A=*2006.06.)											
27	2	119810-02930	BEARING ASSY, THRUST	1							
27-1	2	119717-02930	METAL ASSY, THRUST	2							N
(A=*2006.06.)											
30	1	119810-01200	BOLT, CYLINDER HEAD	14							
31	1	119717-01330	GASKET, HEAD	1							
31-1	1	119717-01331	GASKET, HEAD	1							N
(A=*2011.12.)											
32	1	119810-02940	METAL ASSY, 0.25 OS	2							2
32-1	1	119810-02941	METAL ASSY, 0.25 OS	2							N 2
(A=*2011.12.)											
35	1	719717-02910	BEARING ASSY, MAIN	4							3
35-1	1	719717-02911	METAL ASSY, MAIN .25	4							N 3
(A=*2011.12.)											

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

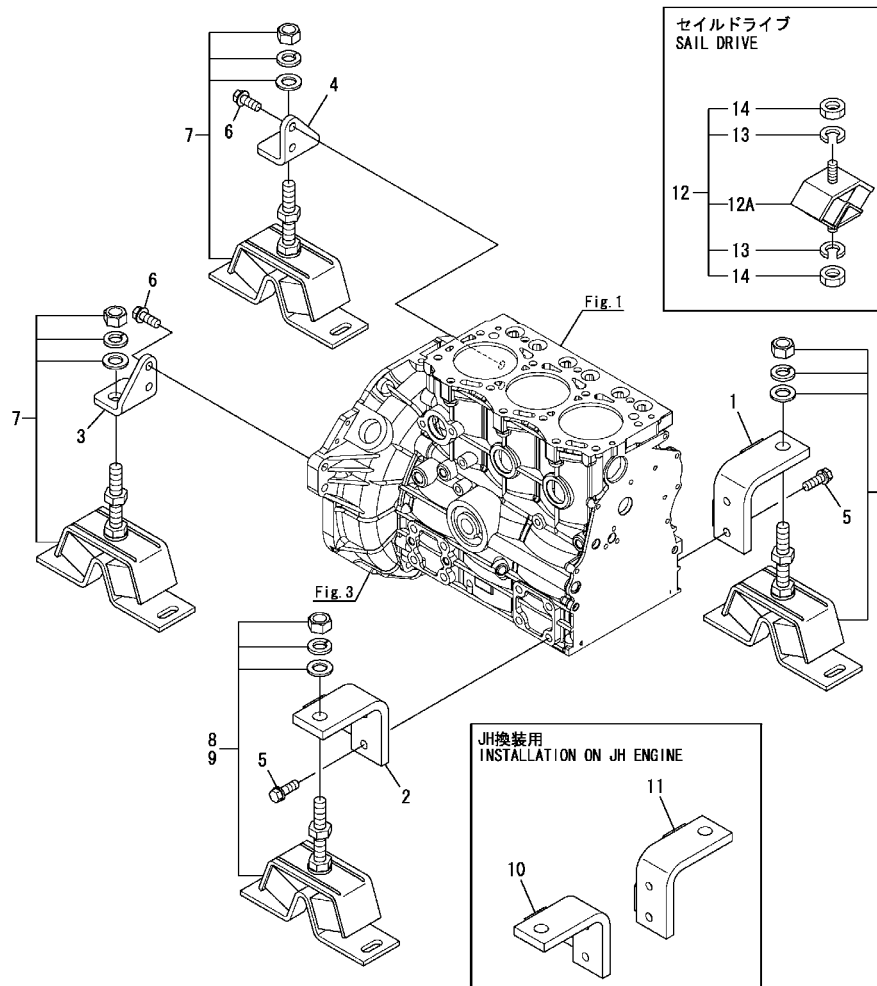
Fig.2. GEAR HOUSING



OCR10-M56002 Fig.2												
				(A)=3YM30	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119717-01501	CASE, GEAR	1								
3	1	119717-01570	STUD	3								
5	1	719717-01500	COVER ASSY, CASE	1								
6	2	119717-01521	COVER, GEAR CASE	1								
8	3	23876-030000	PLUG, R03	2								
9	2	119620-01800	SEAL, OIL HTC456208	1								
10	1	119717-32100	COVER ASSY, PUMP	1								
11	2	119717-32080	COVER, OIL PUMP	1								
12	2	129900-32130	VALVE, RELIEF	1								
13	2	129001-32320	SPRING	1								
14	2	129001-32330	PLUG	1								
15	1	119717-32110	ROTOR, INNER	1								
16	1	119717-32120	ROTOR, OUTER	1								
17	1	119802-32130	SCREW, M6X16	8								
18	1	119660-01911	PIPE, KNOCK 6X17	4								
19	1	119624-32040	O-RING, P12.0	1								
20	1	119717-32050	O-RING, P17.0	3								
21	1	121850-51960	O-RING, FUEL PUMP	1								
22	1	26106-060122	BOLT, M6X 12 PLATED	1								
23	1	26106-060162	BOLT, M6X 16 PLATED	4								
24	1	26106-060402	BOLT, M6X 40 PLATED	4								
25	1	26106-060402	BOLT, M6X 40 PLATED	3								
26	1	26106-060602	BOLT, M6X 60 PLATED	7								
27	1	26106-060652	BOLT, M6X 65 PLATED	2								
28	1	26306-080002	NUT, M8	3								
29	1	124160-01751	CAP, FILLER	1								
30	1	24311-000320	O-RING, 1AP32.0	1								
31	1	119717-01750	COVER, PUMP	1								



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	128990-01600	HOUSING, FLYWHEEL	1							
2-1	1	128990-01650	HOUSING, FLYWHEEL	1							N
(A=E/#E01733)											
3	1	121120-01620	BOLT, M10X28	3							
3-1	1	26206-100302	BOLT, M10X 30 PLATED	3							R
(A=*2009.06.)											
4	1	119620-01750	CAP, WHEEL COVER	1							
5	1	124085-02220	SEAL, METAL HOUSING	1							
6	1	26206-100252	BOLT, M10X 25 PLATED	8							
7	1	119717-01720	SPACER, OIL PAN	1							
9	1	128990-01750	OIL PAN ASSY	1							
10	2	121450-42450	PLUG, M16	1							
13	2	124465-44950	GASKET, 16	1							
13-1	2	22190-160002	WASHER, SEAL 16	1							N
(A=*2008.07.)											
14	1	26106-080452	BOLT, M8X 45 PLATED	1							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080452	BOLT, M8X 45 PLATED	1							
17	1	26106-080702	BOLT, M8X 70 PLATED	3							
18	1	26106-080702	BOLT, M8X 70 PLATED	10							
19	1	23887-180002	PLUG, 18	1							
20	1	128990-49030	PIPE, SEA WATER C	1							Z
(A=*2013.04.)											
21	1	128990-81150	SPACER, CLUTCH	1							
22	1	26106-080452	BOLT, M8X 45 PLATED	5							
23	1	26216-080452	STUD, M8X 45	3							
24	1	26366-080002	NUT, M8	3							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	128990-08100	FOOT, MOUNTING A	1							
2	1	128990-08110	FOOT, MOUNTING B	1							
3	1	128377-08120	FOOT, MOUNTING R A	1							
4	1	128377-08130	FOOT, MOUNTING R B	1							
5	1	26013-100302	BOLT, M10X 30	4							
6	1	26106-100252	BOLT, M10X 25 PLATED	4							
7	1	128377-08340	MOUNT, FLEXIBLE 75	2							1
7-1 (A=*2009.03.)	1	128377-08341	MOUNT, FLEXIBLE 75	2						R	1
8	1	128377-08350	MOUNT, FLEXIBLE 100	2							
8-1 (A=*2009.03.)	1	128377-08351	MOUNT, FLEXIBLE 100	2							R
9	1	128377-08350	MOUNT, FLEXIBLE 100	2							
9-1 (A=*2009.03.)	1	128377-08351	MOUNT, FLEXIBLE 100	2							R
10 (A=*2005.06.)	1	128990-08140	BRACKET,FRONT A	1							W
11 (A=*2005.06.)	1	128990-08150	BRACKET,FRONT B	1							W
12	1	796420-08630	ABSORBER ASSY, SHOCK	1							
12A (A=*2005.11.)	2	196420-02310	RUBBER, ABSORBER 230	1							W
13 (A=*2005.11.)	2	22217-120000	WASHER, SPRING 12	2							W
14 (A=*2005.11.)	2	26716-120002	NUT, M12	2							W

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. LABEL

(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-07900	LABEL ASSY, CAUTION	1							W
		(A=*2013.09.)									
2	2	128377-07260	LABEL, PRESSURE CAP	1							
2-1	2	128990-07270	LABEL, PRESSURE CAP	1							N
		(A=E/#E14462)									
3	2	177088-02430	LABEL	1							W
		(A=*2013.09.)									
4	2	128377-07150	LABEL, CAUTION	1							
5	2	196630-12980	LABEL, CAUTION	1							
5A	1	123682-07852	LABEL, CAUTION	1							
5B	1	128990-34900	LABEL, OIL CHECK	1							W
		(A=*2013.09.)									
5C	1	128377-07350	LABEL, CAUTION	1							
11	1	128296-07190	LABEL, LOOSE PARTS	1							
12	2	128296-07400	LABEL, DANGER	2							
13	2	128296-07420	LABEL, DANGER	1							
14	2	128296-07450	LABEL, CAUTION	1							
15	2	128296-07460	LABEL, OPERATION	1							

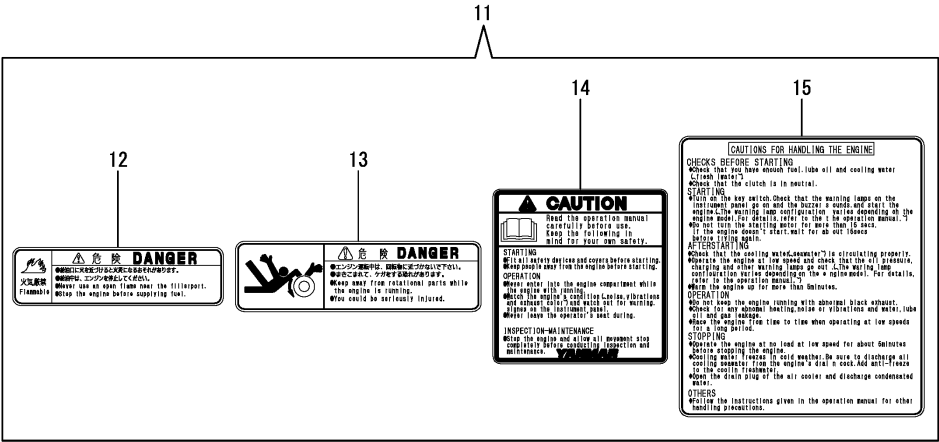
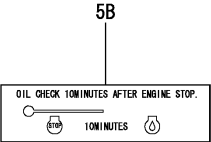
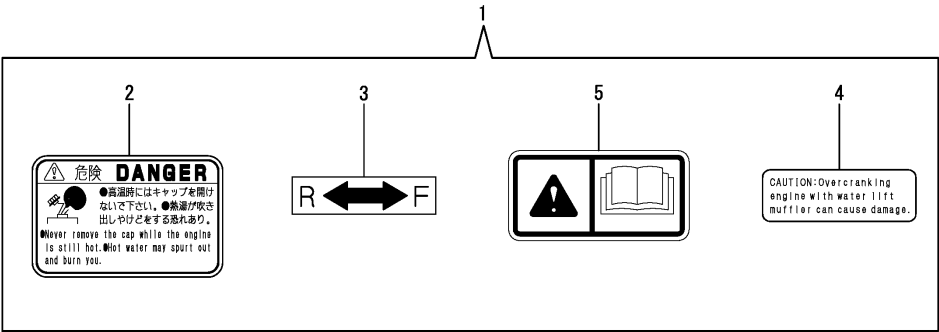
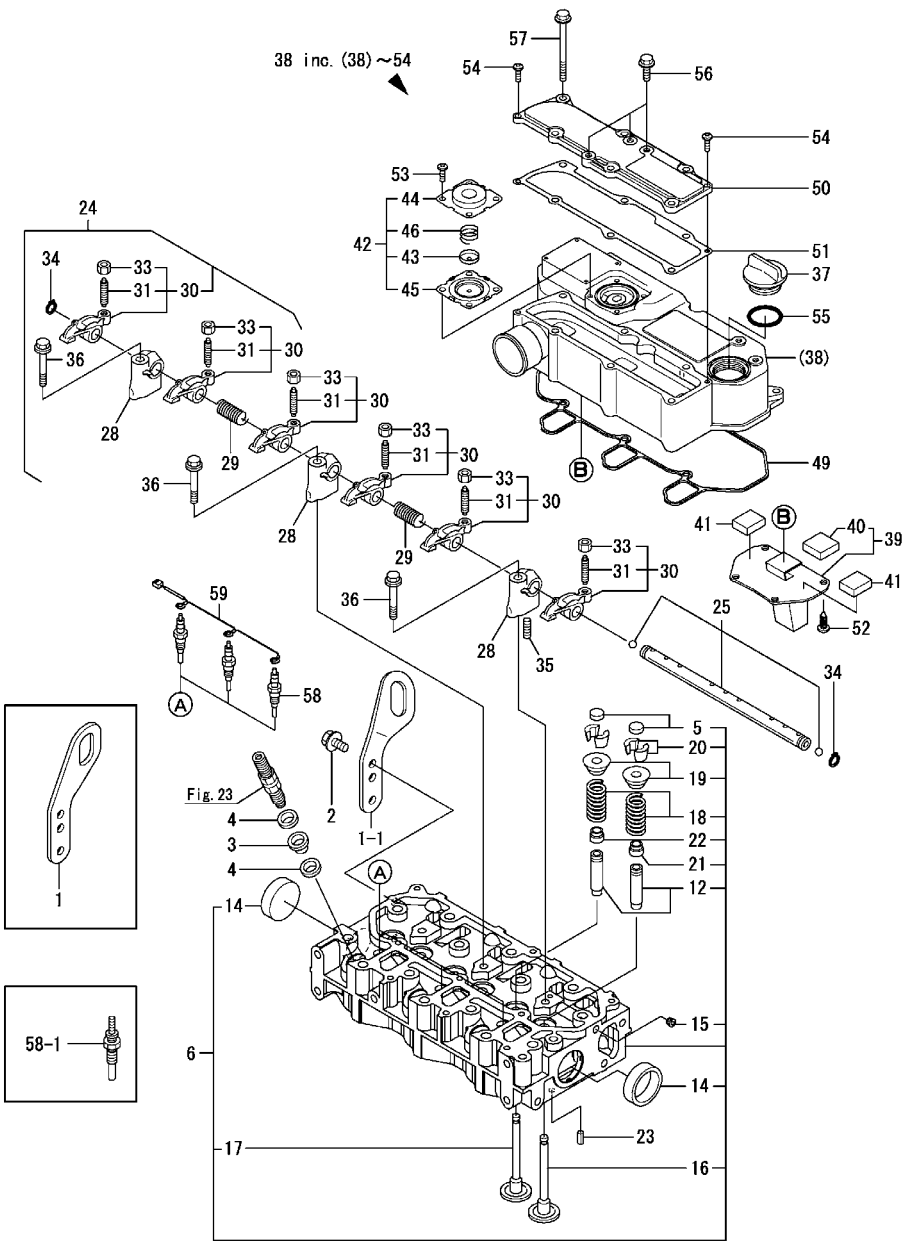


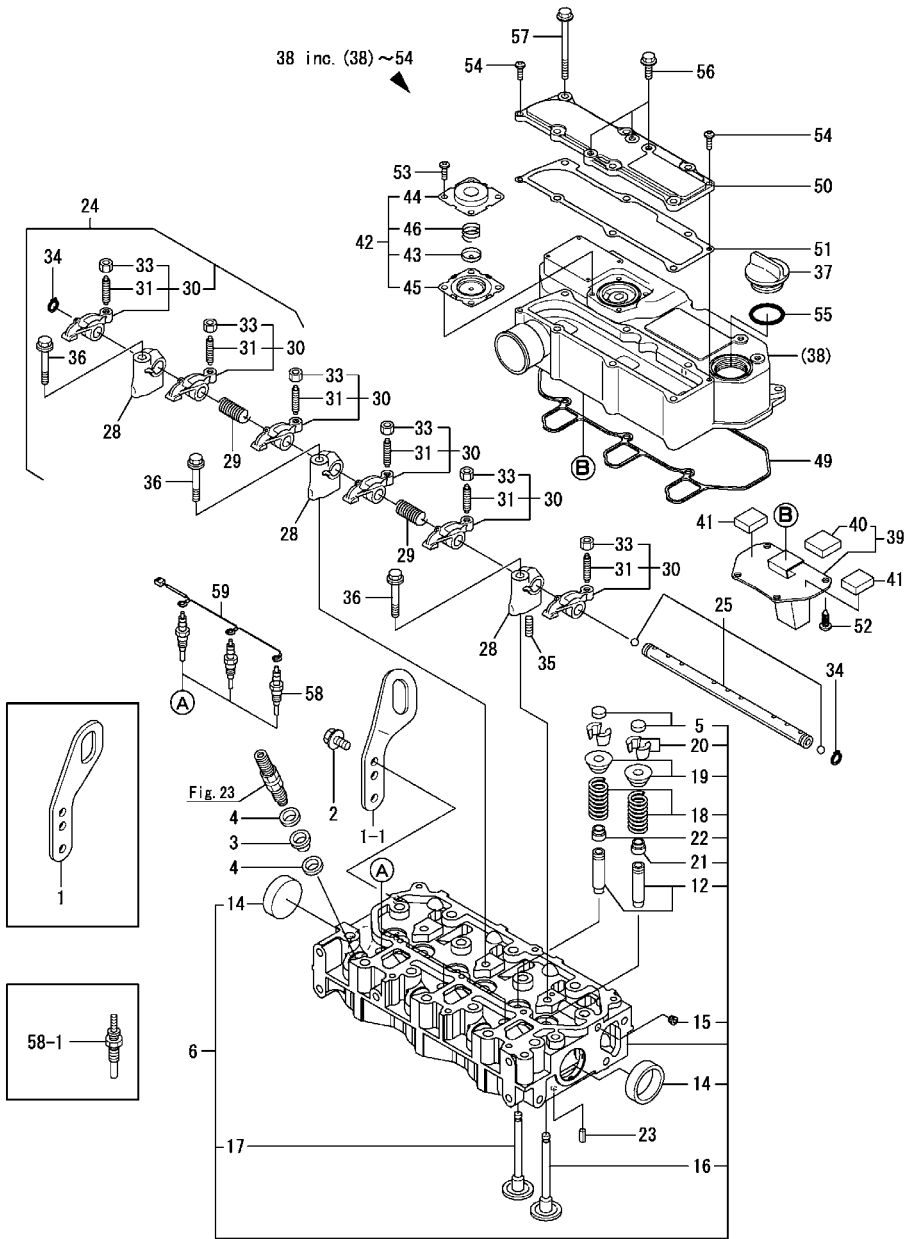
Fig.6. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129486-07910	LIFTER	1							
1-1	1	128990-07910	LIFTER	1							N
(A=E/#E00562)											
2	1	26106-080142	BOLT, M8X 14 PLATED	2							
3	1	129901-11450	PROTECTOR, NOZZLE	3							
4	1	119600-11460	GASKET, NOZZLE	6							
5	1	105010-11490	CAP, VALVE	6							
6	1	119717-11740	HEAD ASSY, CYLINDER	1							
12	2	119717-11800	GUIDE, VALVE	6							1
14	2	119285-11990	PLUG, 35	2							
15	2	23876-005000	PLUG, R005	1							
16	2	119717-11100	VALVE, INTAKE	3							
16-1	2	119717-11101	VALVE, INTAKE	3							N
(A=*2006.09.)											
17	2	119717-11110	VALVE, EXHAUST	3							
18	2	119717-11131	SPRING, VALVE	6							
19	2	129508-11180	RETAINER, SPRING	6							
20	2	119717-11190	COTTER, VALVE	12							
21	2	119717-11340	SEAL, VALVE STEM	3							
22	2	119717-11350	SEAL, VALVE STEM	3							
23	1	22351-060012	PIN, SPRING 6.0X12	2							
24	1	119717-11200	SUPPORT ASSY, ROCKER	1							
25	2	119717-11240	SHAFT ASSY, ARM	1							
28	2	119717-11260	SUPPORT, ROCKER ARM	3							
29	2	119620-11280	SPRING, SHAFT	2							
30	2	119717-11650	ARM ASSY, ROCKER INT	6							
31	3	129150-11230	SCREW, VALVE ADJUST	6							
33	3	129150-11750	NUT, M8XP1.0	6							
34	2	22242-000120	RING, 12	2							
35	2	26979-050162	SCREW, M5X16	1							
36	1	26106-080402	BOLT, M8X 40 PLATED	3							
37	1	124160-01751	CAP, FILLER	1							
38	1	119717-11381	BONNET ASSY, HEAD	1							
39	2	119717-03031	PLATE, BAFFLE	1							
40	3	119717-03070	BAFFLE, BREATHER	1							
41	2	119717-03070	BAFFLE, BREATHER	2							
42	2	119802-03100	DIAPHRAGM ASSY	1							
43	3	119802-03110	PLATE, DIAPHRAGM	1							
44	3	119802-03121	COVER, DIAPHRAGM	1							
45	3	119802-03131	DIAPHRAGM, BREATHER	1							
46	3	119802-03141	SPRING, DIAPHRAGM	1							
49	2	119718-11310	GASKET, BONNET	1							
50	2	119717-11320	COVER, BONNET	1							
51	2	119717-11331	GASKET, BONNET COVER	1							
52	2	22857-500100	SCREW, 5X10	4							
53	2	22857-500100	SCREW, 5X10	4							
54	2	22857-500160	SCREW, 5X16	2							
55	1	24311-000320	O-RING, 1AP32.0	1							
56	1	26106-060202	BOLT, M6X 20 PLATED	3							
57	1	26106-060752	BOLT, M6X 75 PLATED	6							
58	1	119717-77800	PLUG, GLOW	3							

Fig.6. CYLINDER HEAD & BONNET

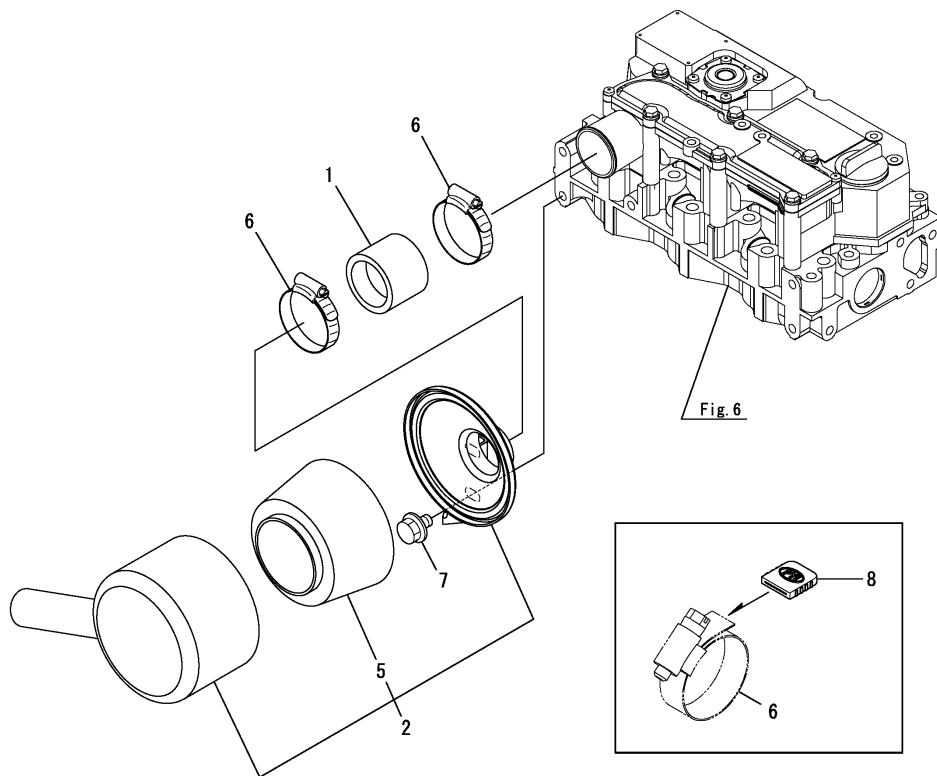


(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
58-1	1	119717-77801	PLUG, GLOW	3							Q
(A=*2012.03.)											
59	1	128990-77820	CONNECTOR, GLOW PLUG	1							

Remarks
(1)Spare parts.



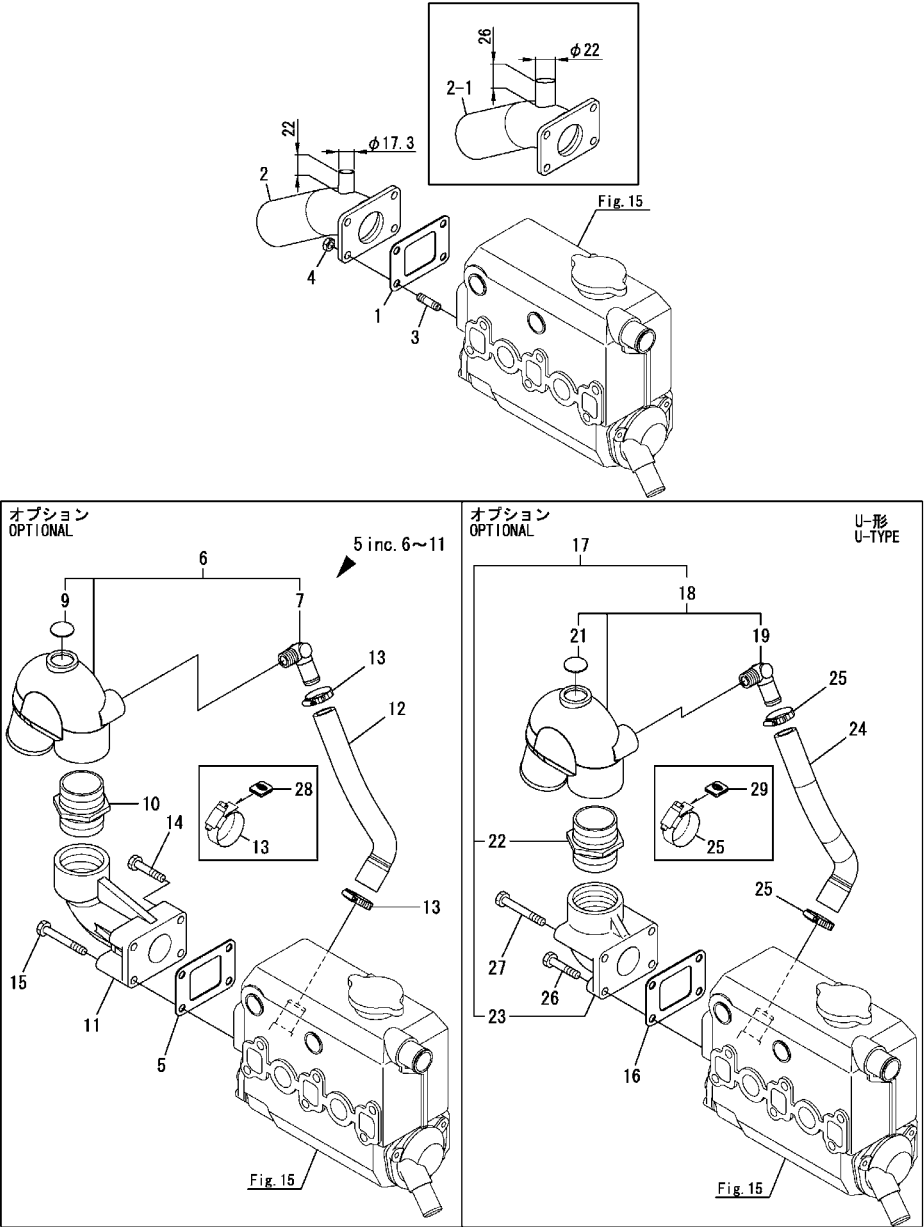
				(A)=3YM30 (B)= (C)=	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I R
1	1	128990-12210	JOINT, SILENCER	1						
2	1	128990-12500	SILENCER ASSY,INTAKE	1						
5	2	128270-12540	ELEMENT, AIR CLEANER	1						
6	1	23001-060000	CLAMP, HOSE 60	2						
6-1	1	23000-060000	CLAMP, 60	2						R
(A=*2004.06.)										
7	1	26106-080122	BOLT, M8X 12 PLATED	2						
8	1	129677-49950	PROTECTOR,HOSE CLAMP	2						W
(A=*2016.12.)										

Fig.8. MIXING ELBOW

(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128370-13201	GASKET, ELBOW A	1							
2	1	128397-13530	ELBOW	1							
2-1	1	128890-13530	ELBOW, MIXING	1						S	1
(A=E/#E17725)											
3	1	128170-13600	STUD, M8X31	4							
3-1	1	129670-13600	STUD, M8X20	4						R	
(A=*2006.09.)											
4	1	26703-080002	NUT, M8	4							
5	1	128370-13201	GASKET, ELBOW A	1							
5A	1	128370-13600	ELBOW	1						W	2
(A=*2013.09.)											
6	2	124070-13520	ELBOW ASSY, MIXING	1							
7	3	124070-13300	ELBOW, PT3/8	1							
9	3	27233-250000	PLUG, 25	1							
10	2	104214-13580	JOINT, MIXING ELBOW	1							
11	2	128370-13610	ELBOW, EXHAUST PIPE	1							
12	1	128990-49040	PIPE, WATER B	1							
13	1	23000-025000	CLAMP, 25	2							
14	1	26203-080402	BOLT, M8X 40 PLATED	2							
14-1	1	26203-080452	BOLT, M8X 45 PLATED	2						N	
(A=*2018.10.)											
15	1	26203-080602	BOLT, M8X 60 PLATED	2							
15-1	1	26203-080652	BOLT, M8X 65 PLATED	2						N	
(A=*2018.10.)											
16	1	128370-13201	GASKET, ELBOW A	1							
17	1	128990-13510	ELBOW ASSY	1						W	
(A=*2004.08.)											
18	2	128990-13520	ELBOW ASSY, MIXING	1							
19	3	124070-13300	ELBOW, PT3/8	1							
21	3	27233-250000	PLUG, 25	1							
22	2	104214-13580	JOINT, MIXING ELBOW	1							
23	2	128990-13610	BEND, EXHAUST	1							
24	1	128990-49090	PIPE, SEA WATER B	1							
25	1	23000-025000	CLAMP, 25	2							
25-1	1	23000-028000	CLAMP, 28	2						N	
(A=*2012.09.)											
26	1	26203-080302	BOLT, M8X 30 PLATED	2							
27	1	26203-080802	BOLT, M8X 80 PLATED	2							
28	1	129677-49950	PROTECTOR,HOSE CLAMP	2						W	
(A=*2016.12.)											
29	1	129677-49950	PROTECTOR,HOSE CLAMP	2						W	
(A=*2016.12.)											



Remarks
(1)Interchangeable by simultaneous replacement with No.2-1 & Fig.16 No.3-1.
(2)Starter side.

Fig.9. CAMSHAFT & DRIVING GEAR

(A)=3YM30
(B)=
(C)=

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

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

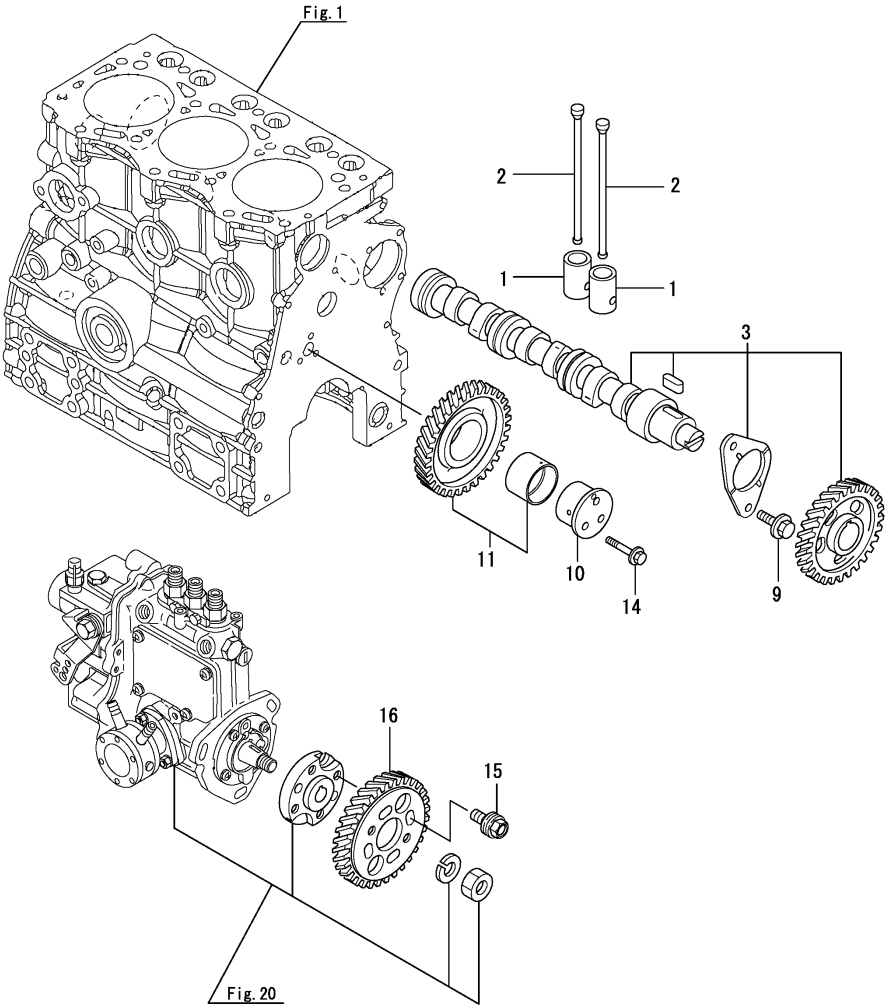
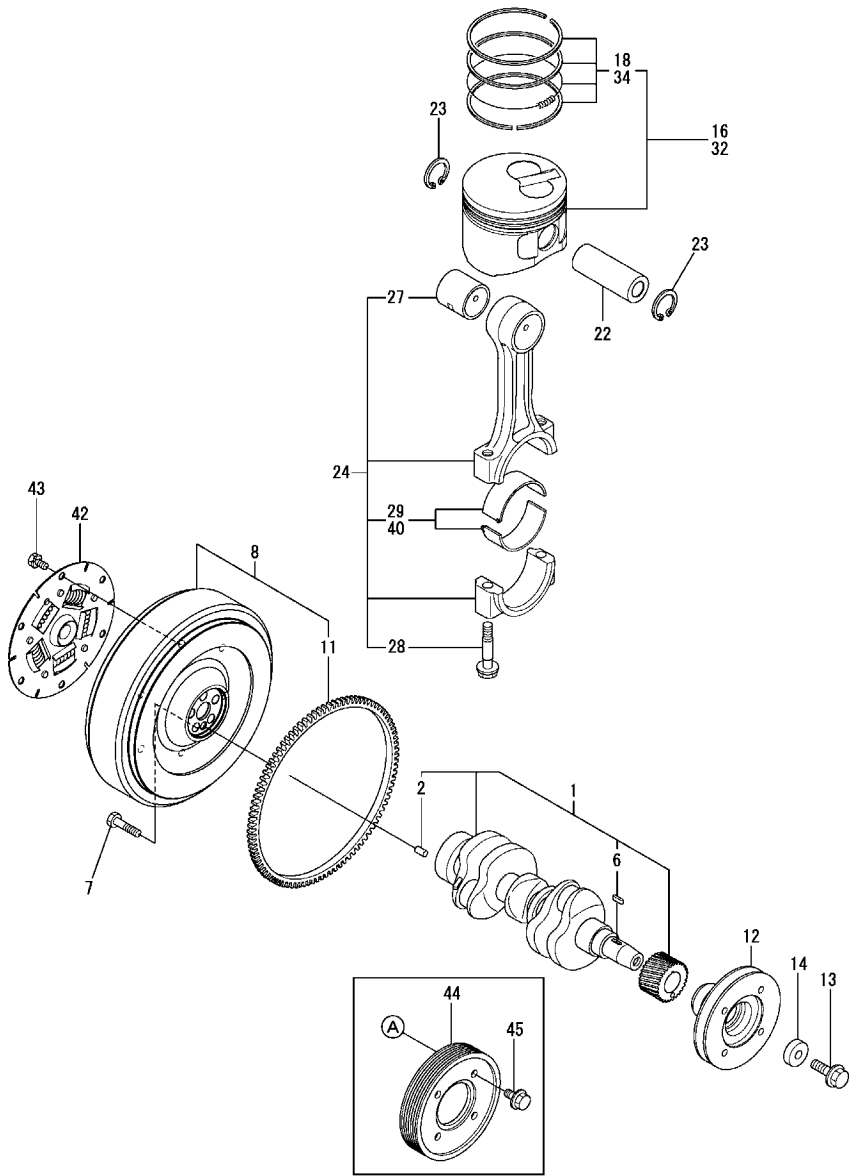


Fig.10. CRANKSHAFT & PISTON

(A)=3YM30
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
6	2	22512-040120	KEY, 4X 12	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	128990-21590	FLYWHEEL ASSY	1							
11	2	124950-21600	GEAR, RING Z=97	1							
12	1	128990-21650	V-PULLEY, CRANKSHAFT	1							
13	1	119621-21680	BOLT, FLANGE 12X1.25	1							
13-1	1	119621-21681	BOLT, FLANGE 12X1.25	1							R
(A=*2009.07.)											
14	1	119620-21941	WASHER, 12	1							
16	1	119718-22080	PISTON ASSY	3							
18	2	119717-22500	RING SET, PISTON	3							
22	1	119717-22300	PIN, PISTON	3							
23	1	22252-000220	RING, 22	6							
24	1	119717-23000	ROD ASSY, CONNECTING	3							
24-1	1	119515-23001	ROD ASSY, CONNECTING	3							N
(A=*2018.08.)											
27	2	119717-23910	METAL, PISTON PIN	3							1
28	2	119717-23200	BOLT, CONNECTING ROD	6							
29	2	119717-23600	METAL ASSY,CRANK PIN	3							
29-1	2	119717-23601	METAL ASSY,CRANK PIN	3							N
(A=*2006.06.)											
32	1	119718-22090	PISTON ASSY, 0.25 OS	3							2
34	2	119717-22550	RING SET, PISTON .25	3							2
40	1	119717-23610	METAL ASSY, PIN .25	3							3
40-1	1	119717-23611	METAL ASSY, PIN .25	3							N 3
(A=*2006.06.)											
42	1	177070-03501	DISK, DAMPER D170	1							
43	1	26013-080142	BOLT, M8X 14	6							
44	1	128990-21670	PULLEY, CRANK 6PK	1							W 4
(A=E/#E20848)											
44-1	1	128990-21671	PULLEY, CRANK 6PK	1							N
(A=*2014.10.)											
45	1	26106-080162	BOLT, M8X 16 PLATED	4							W 4
(A=E/#E20848)											

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

Fig.11. LUB. OIL DIPSTICK

(A)=3YM30
(B)=
(C)=

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

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

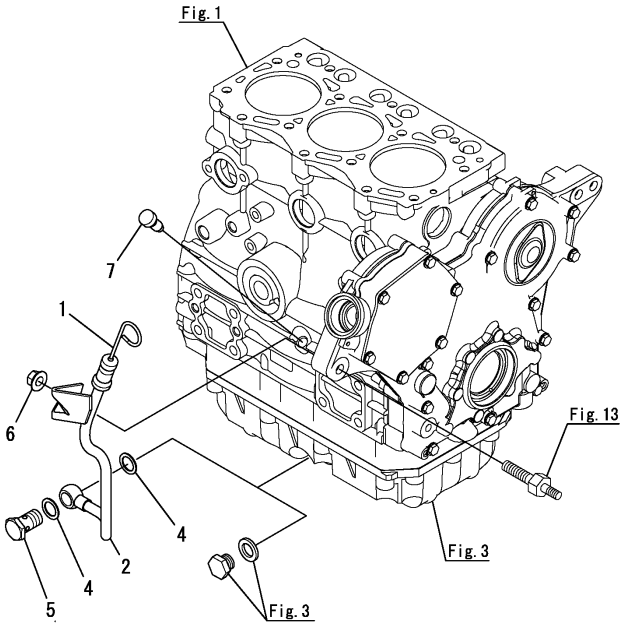
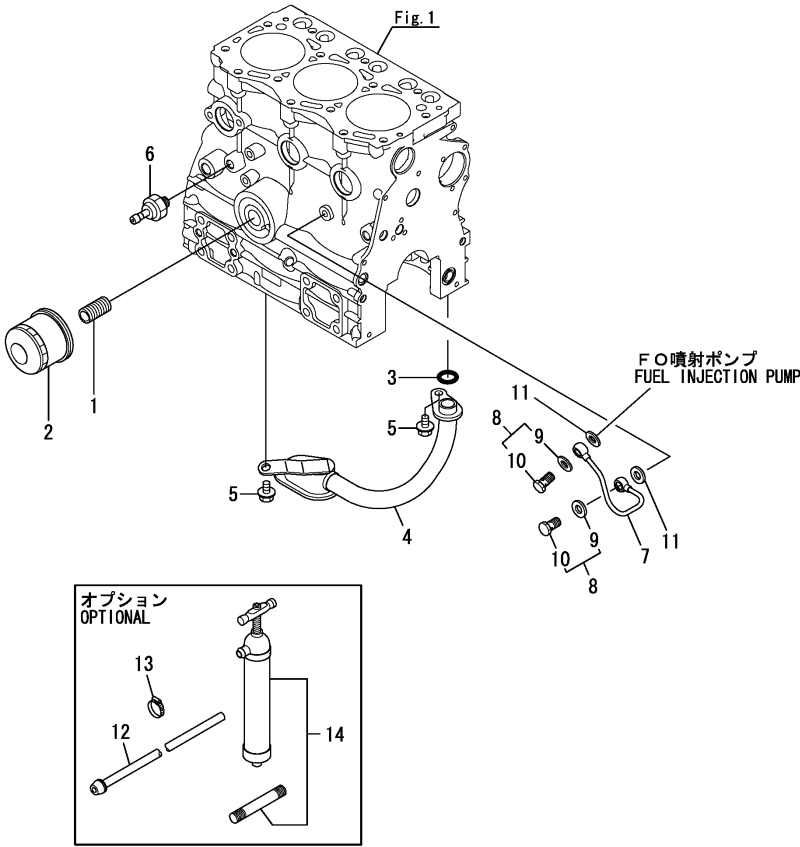


Fig.12. LUB. OIL SYSTEM

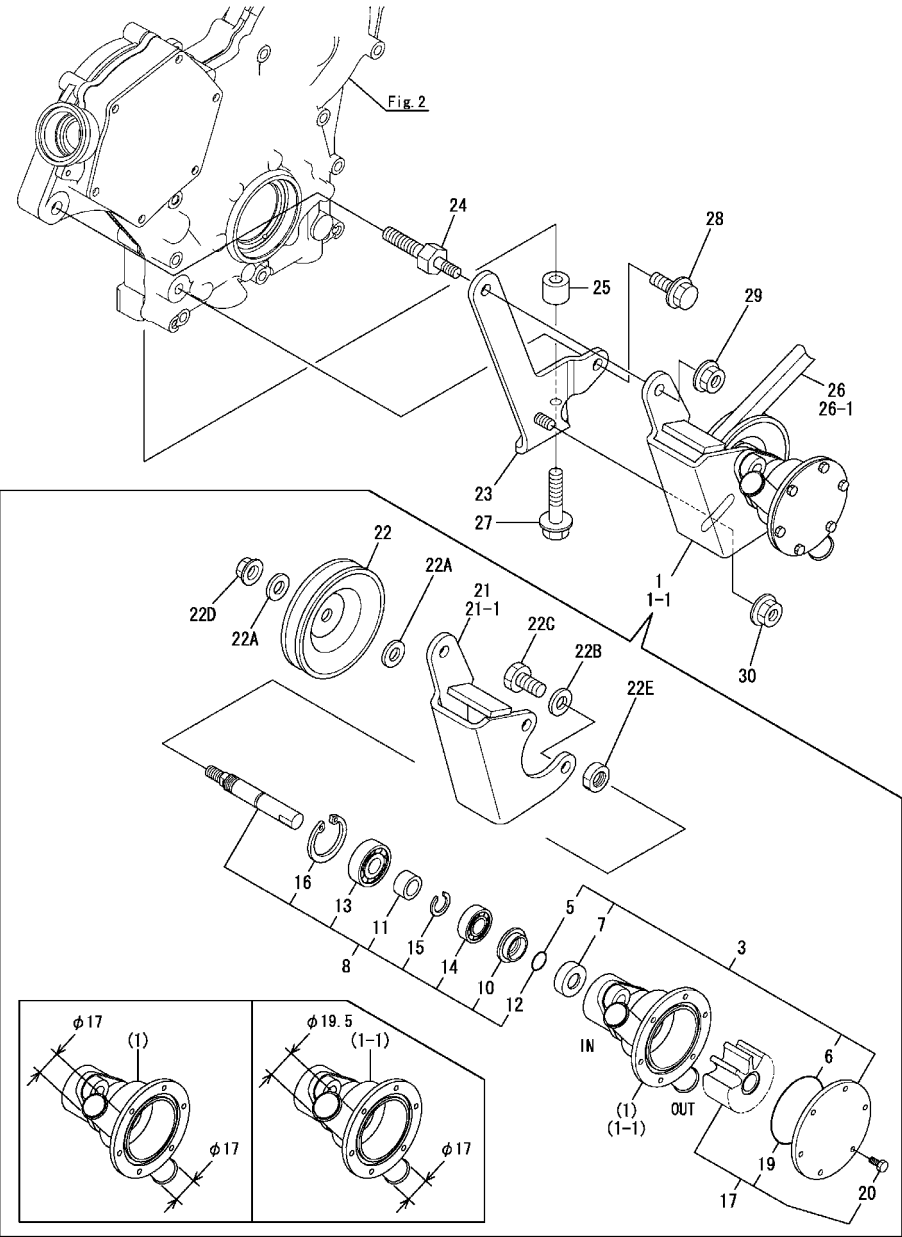
(A)=3YM30
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-35140	STUD	1							
1-1	1	119717-35140	STUD	1							N
(A=*2010.06.)											
2	1	119305-35170	FILTER ASSY, D68XL65	1							
3	1	119717-32060	O-RING, P15.0	1							
4	1	128990-35080	PIPE ASSY, OIL INLET	1							
5	1	26106-060102	BOLT, M6X 10 PLATED	2							
6	1	114250-39450	SWITCH, HYDRAULIC	1							
7	1	119717-39210	PIPE, PUMP	1							
8	1	129005-59830	BOLT ASSY, JOINT M8	2							
9	2	22190-080002	WASHER, SEAL 8	2							
10	2	23857-030000	BOLT, JOINT 3	2							
11	1	22190-080002	WASHER, SEAL 8	2							
12	1	128275-39710	PIPE, OIL	1							Z
(A=*2010.12.)											
13	1	23080-018000	CLAMP, 18	3							Z
(A=*2010.12.)											
14	1	28210-000080	PUMP	1							Z
(A=*2010.12.)											

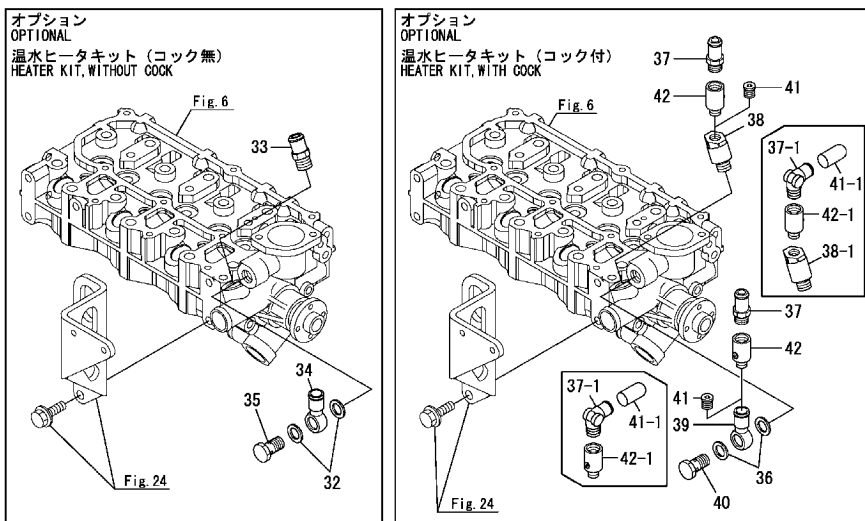
Fig.13. COOLING PUMP(SEA WATER)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-42500	PUMP ASSY, WATER	1							
1-1	1	128990-42510	PUMP ASSY, WATER	1						S	2
(A=E/#E14462)											
3	2	128990-42550	WEAR KIT	1						W	
(A=*2016.02.)											
5	3	X02173432	O-RING	1							
6	3	X02173476	O-RING	1							
7	3	X02233010	SEAL, LIP	1							
8	2	128990-42560	SHAFT KIT	1						W	
(A=*2016.02.)											
10	3	X0145050	PLATE	1							
11	3	X0146542	SPACER	1							
12	3	X02173432	O-RING	1							
13	3	X03431760	BEARING, BALL	1							
14	3	X03431748	BEARING, BALL	1							
15	3	X00370012	RING, RETAINING	1							
16	3	X00371732	RING, RETAINING	1							
17	2	128990-42570	IMPELLER KIT	1						W	
(A=*2016.02.)											
19	3	X02173476	O-RING	1							
20	3	128990-42520	SCREW	6							
21	2	128990-42150	BRACKET, PUMP	1							
21-1	2	128990-42151	BRACKET, PUMP A	1						F	1
(A=E/#E01733)											
22	2	124070-42400	V-PULLEY, PUMP	1							
22A	2	X014678901	WASHER	2							
22B	2	X00353309	WASHER	2							
22C	2	X00141916	SCREW	2							
22D	2	X00190050	NUT, LOCK	1							
22E	2	X00183200	NUT	1							
23	1	128990-42160	BRACKET, PUMP B	1							
24	1	128990-42170	BOLT, SPACER	1							
25	1	128990-42180	COLLAR, BRACKET	1							
26	1	128990-77350	V-BELT, M/20	1							
26-1	1	104511-78780	V-BELT, M/19	1						F	1
(A=E/#E01733)											
27	1	26106-060302	BOLT, M6X 30 PLATED	1							
28	1	26106-080202	BOLT, M8X 20 PLATED	1							
29	1	26366-080002	NUT, M8	1							
30	1	26366-080002	NUT, M8	1							

Remarks
(1)Interchangeable by simultaneous replacement with No.21-1 & 26-1.
(2)Interchangeable by simultaneous replacement with loalarrangements Pump entrance hose(57mm-68mm).

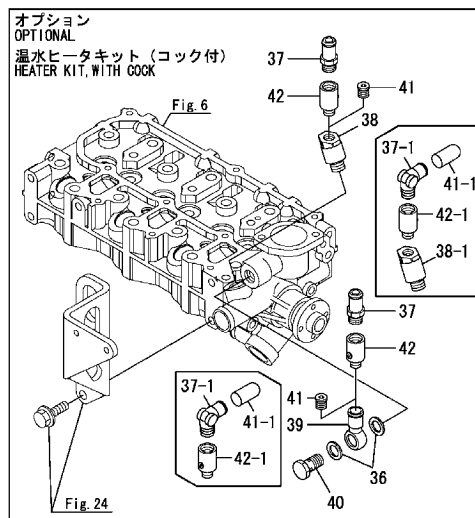
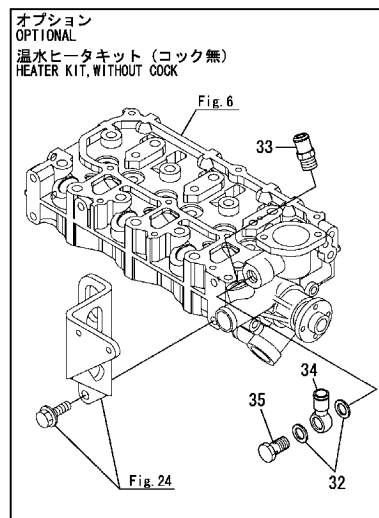
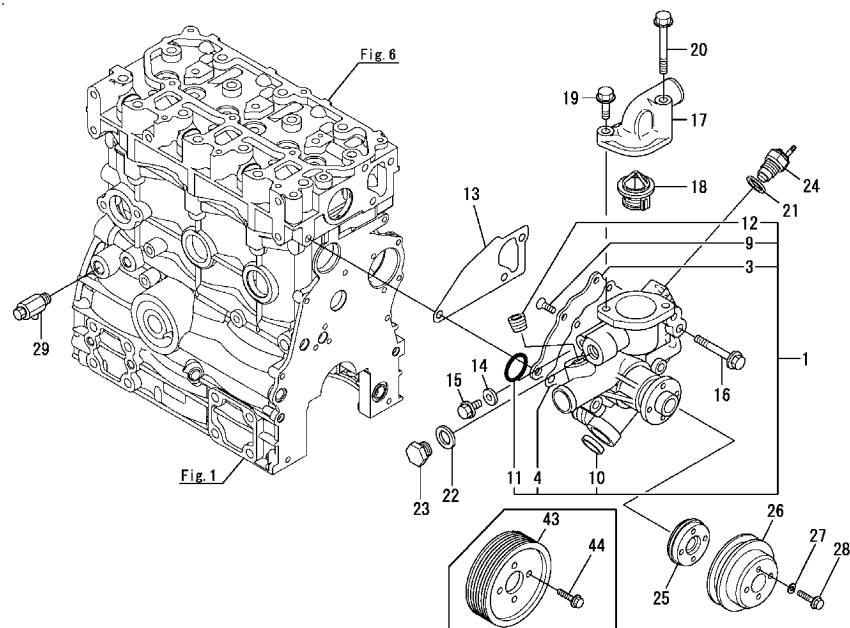
Fig.14. COOLING PUMP(FRESH WATER)



(3)Valeo Generator specification.

N:Old $\xleftrightarrow[No]{Yes}$ New, Q:Old $\xleftrightarrow[Yes]{No}$ New, R:Old $\xleftrightarrow[Yes]{Yes}$ New, S:Old $\xleftrightarrow[No]{No}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.14. COOLING PUMP(FRESH WATER)



(3) Valeo Generator specification.

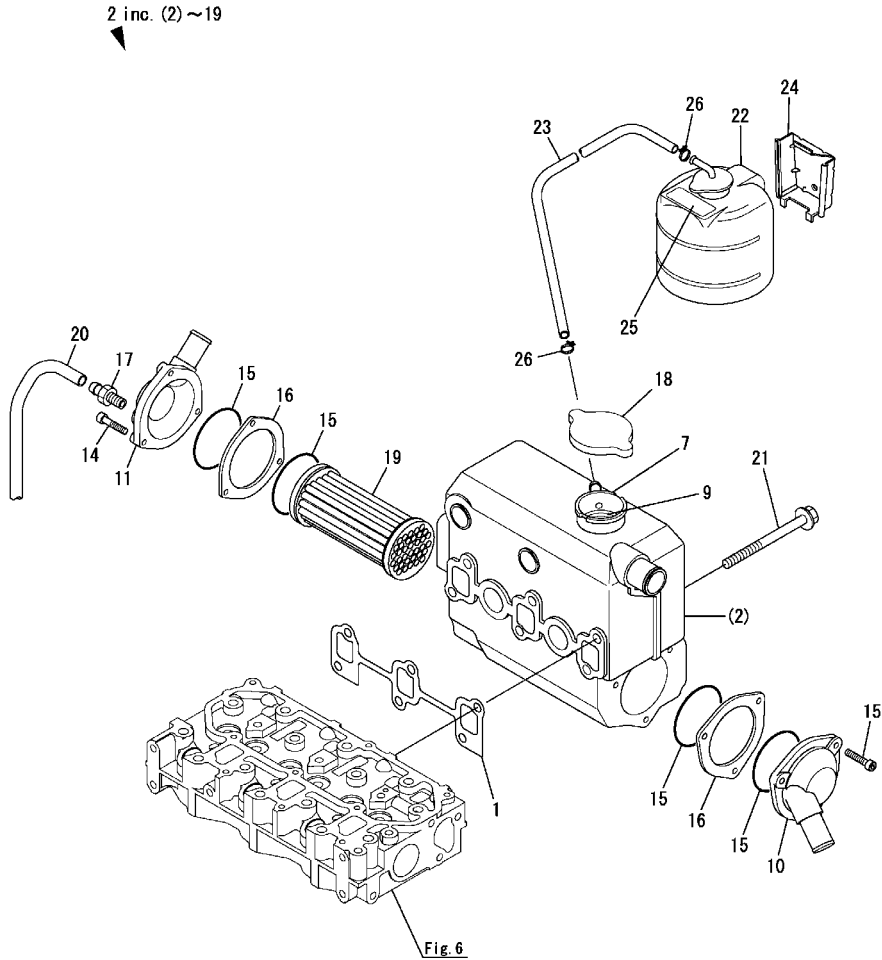
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
37-1	(A=E/#E00562) 1	129051-49310	ELBOW, PT3/8	2						N	
38	(A=*2017.04.) 1	128990-49350	JOINT, 3/8X1/4	1						W	2
38-1	(A=E/#E00562) 1	128990-49351	JOINT,3/8X1/4 RETURN	1						N	
39	(A=*2017.04.) 1	128990-49360	JOINT, OUTLET RP1/4	1						W	2
40	(A=E/#E00562) 1	128990-49370	BOLT, PIPE JOINT	1						W	2
41	(A=E/#E00562) 1	128990-49380	PLUG, R1/4	2						W	2
41-1	(A=*2013.09.) 1	128990-49400	CAP, WATER	2						N	
42	(A=E/#E00562) 1	128990-49390	COCK ASSY,R1/4XRP3/8	2						W	2
42-1	(A=*2017.01.) 1	128990-49391	COCK ASSY,R1/4XG3/8	2						R	
43	(A=E/#E20848) 1	128990-42350	PULLEY, PUMP 6PK	1						W	3
43-1	(A=*2014.10.) 1	128990-42351	PULLEY, PUMP 6PK	1						N	
44	(A=E/#E20848) 1	26106-060122	BOLT, M6X 12 PLATED	4						W	3

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

Fig.15. COOLER(FRESH WATER)



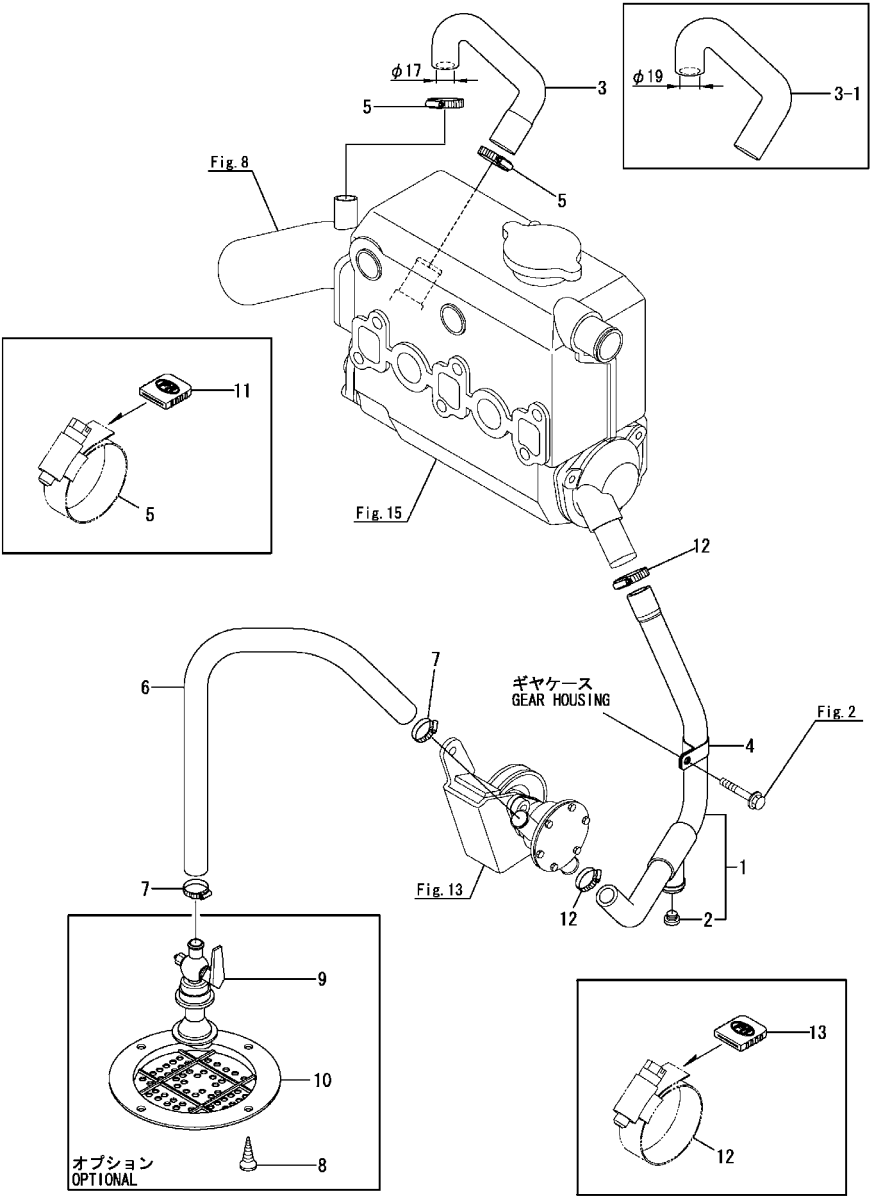
OCR10-M56002 Fig.15											
				(A)=3YM30 (B)= (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	119717-13110	GASKET, MANIFOLD	1							
2	1	128990-44900	COOLER ASSY, WATER	1							
2-1	1	128990-44901	COOLER ASSY, WATER	1						N	
(A=*2005.08.)											
7	3	129673-44110	NECK, FILLER	1							
9	3	129673-44150	TUBE, D28.5X1.5 LG6	1							
10	2	128990-44070	BONNET, INLET	1							
10-1	2	128990-44071	BONNET, INLET	1						S	1
(A=*2005.08.)											
11	2	128990-44080	BONNET ASSY, OUT	1							
11-1	2	128990-44081	BONNET ASSY, OUT	1						S	1
(A=*2005.08.)											
14	2	128990-44090	SCREW, M6X30	6							
15	2	128990-44100	O-RING, D65.6X3.53	4							
16	2	128990-44110	SPACER	2							
17	2	128990-44120	PLUG, DRAIN	1							
18	2	128990-44130	CAP	1							
18-1	2	129673-44131	CAP, FILLER	1						N	
(A=*2005.08.)											
19	2	128990-44400	ELEMENT	1							
19-1	2	128990-44401	ELEMENT, FRESH WATER	1						S	1
(A=*2005.08.)											
20	1	23061-070300	PIPE, 7X 300	1							
21	1	26106-081152	BOLT, M8X115 PLATED	6							
22	1	128397-44500	TANK ASSY, SUB	1							
23	1	129270-44500	PIPE, OVERFLOW	1							
23-1	1	129270-44501	PIPE, OVERFLOW	1						N	
(A=*2005.08.)											
24	1	128397-44510	BRACKET, SUB TANK	1							
25	1	129670-44570	LABEL, SUB TANK	1							
26	1	23010-013000	CLAMP 13	2							

Fig.16. COOLING PIPE(SEA WATER)

(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-49010	PIPE, SEA WATER A	1							
1-1	1	128990-49011	PIPE, SEA WATER A	1							R
(A=*2014.06.)											
2	2	128990-49110	PLUG ASSY, G1/8	1							
3	1	128990-49020	PIPE, SEA WATER B	1							
3-1	1	128990-49021	PIPE, SEA WATER B	1						S	1
(A=E/#E17725)											
4	1	121575-49310	RETAINER, PIPE	1							
5	1	23000-028000	CLAMP, 28	4							
6	1	124223-49050	PIPE, SEA WATER A	1							
7	1	23000-025000	CLAMP, 25	2							
8	1	22724-800380	SCREW, 8.0X38	4							
9	1	43662-015020	COCK ASSY, KINGSTON	1							
9-1	1	43662-015021	COCK, KINGSTON 15A	1							N
(A=*2007.03.)											
10	1	43666-020951	COVER, STRAINER	1							
11	1	129677-49950	PROTECTOR,HOSE CLAMP	2							W
(A=*2016.12.)											
12	1	23000-028000	CLAMP, 28	2							
13	1	129677-49950	PROTECTOR,HOSE CLAMP	2							W
(A=*2016.12.)											



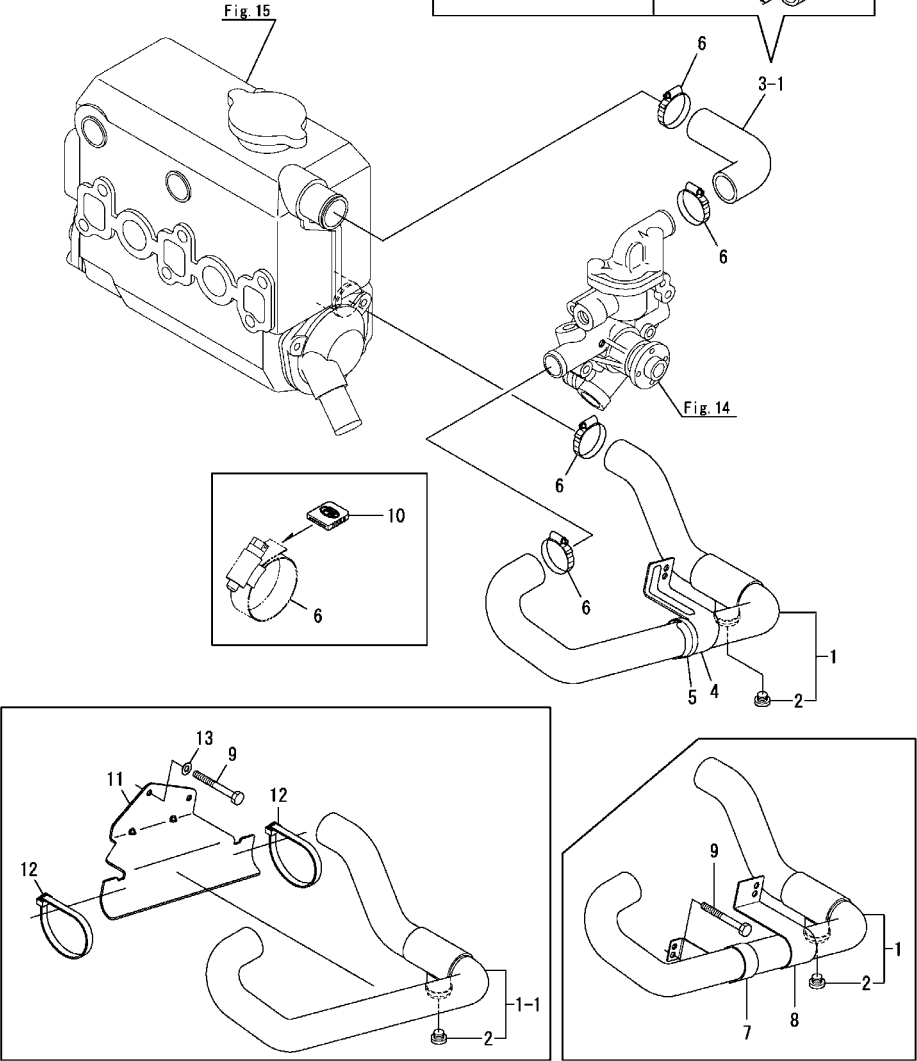
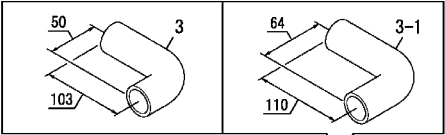
Remarks
(1)Interchangeable by simultaneous replacement with No.3-1 & Fig.8 No.2-1.

Fig.17. COOLING PIPE(FRESH WATER)

(A)=3YM30
(B)=
(C)=

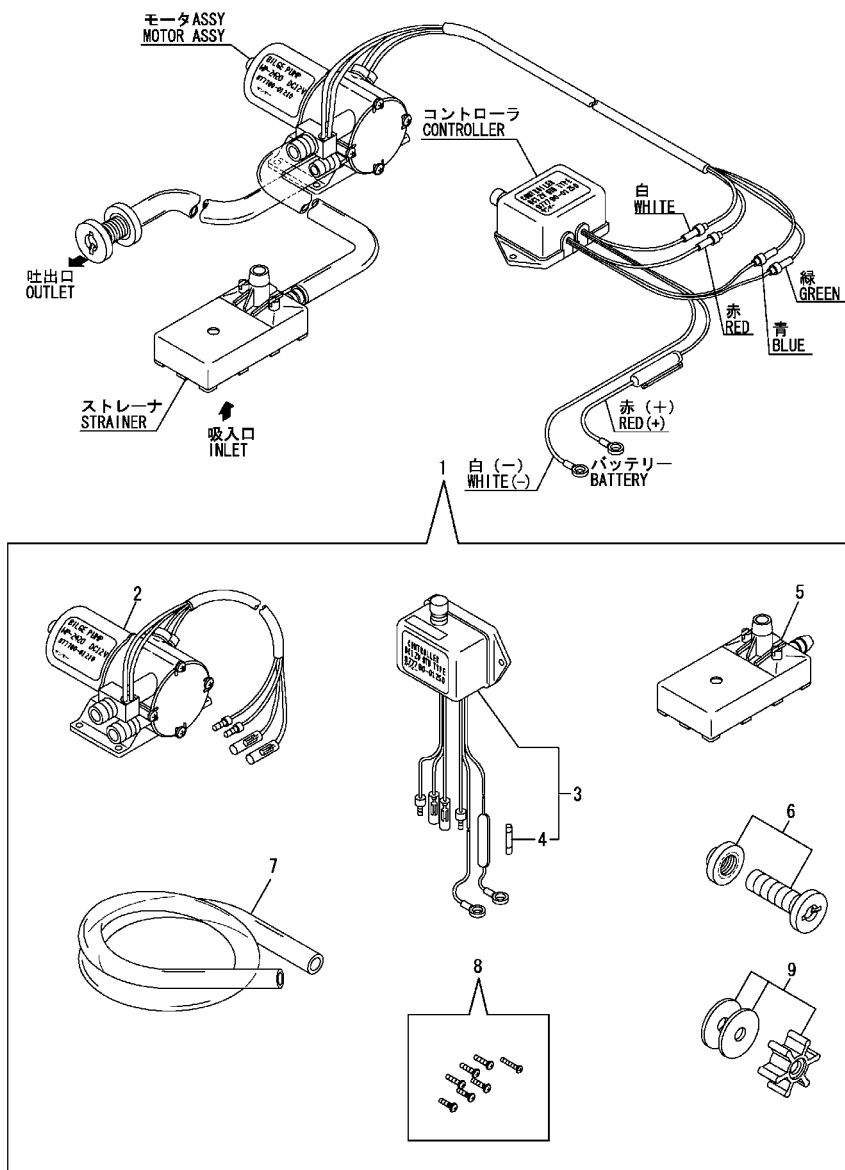
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-49050	PIPE, FRESH WATER A	1							
1-1	1	128990-49051	HOSE ASSY, CFW	1							N
(A=*2018.08.)											
2	2	128990-49110	PLUG ASSY, G1/8	1							
3	1	128990-49060	PIPE, FRESH WATER B	1							
3-1	1	128990-49070	PIPE, FRESH WATER B	1							R
(A=*2004.06.)											
4	1	128990-49150	RETAINER, PIPE	1							Z
(A=E/#E20847)											
5	1	194250-51660	BAND, NYLON 250	1							
5-1	1	29622-250001	BAND, RF250	1							N
(A=*2012.03.)											
5-2	1	29622-250001	BAND, RF250	1							Z
(A=E/#E20847)											
6	1	23000-041000	CLAMP, 41	4							
6-1	1	129670-49500	CLIP, HOSE 38	4							R
(A=*2006.11.)											
7	1	128990-49161	RETAINER, HOSE	1							W 1
(A=E/#E20848)											
7-1	1	128990-49161	RETAINER, HOSE	1							Z 1
(A=*2018.08.)											
8	1	128990-49170	RETAINER, HOSE	1							W 1
(A=E/#E20848)											
8-1	1	128990-49170	RETAINER, HOSE	1							Z 1
(A=*2018.08.)											
9	1	26116-060652	BOLT, M6X 65 PLATED	1							W 1
(A=E/#E20848)											
10	1	129677-49950	PROTECTOR,HOSE CLAMP	4							W
(A=*2016.12.)											
11	1	128990-49190	RETAINER,CFW HOSE	1							W
(A=*2018.08.)											
12	1	128990-59890	BAND, 200	2							W
(A=*2018.08.)											
13	1	22137-060000	WASHER, 6	1							W
(A=*2018.08.)											



Remarks
(1)Valeo Generator specification.

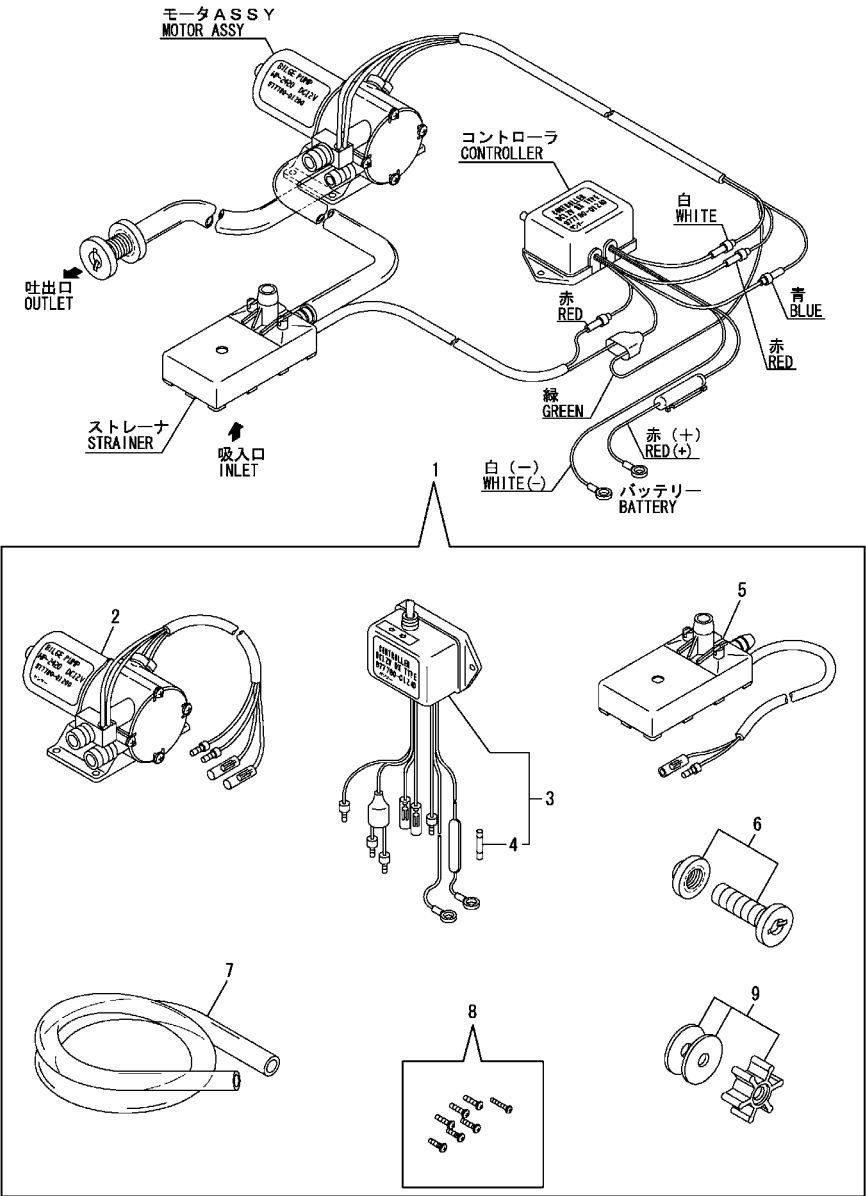
Fig.18. BILGE PUMP(STANDARD)(OPTIONAL)(TO JUL. 2003)



No.	Lev.	Parts No.	Description	(A)=3YM30 (D)= (B)= (E)= (C)= (F)=						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01210	PUMP(12V).BILGE	1							
1-1	1	977780-01211	PUMP ASSY, BILGE	1						N	1
(A)=*2003.08.)											
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1							
3	2	977780-01250	CONTROLLER	1							
4	3	X8636008003	FUSE, 8A	1							
5	2	X179100021X	STRAINER	1							
6	2	X179100100X	PIPE ASSY	1							
7	2	X0044021509	HOSE, A	1							
8	2	X199903800X	SCREW KIT	1							
9	2	977780-03000	IMPELLER KIT	1							

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

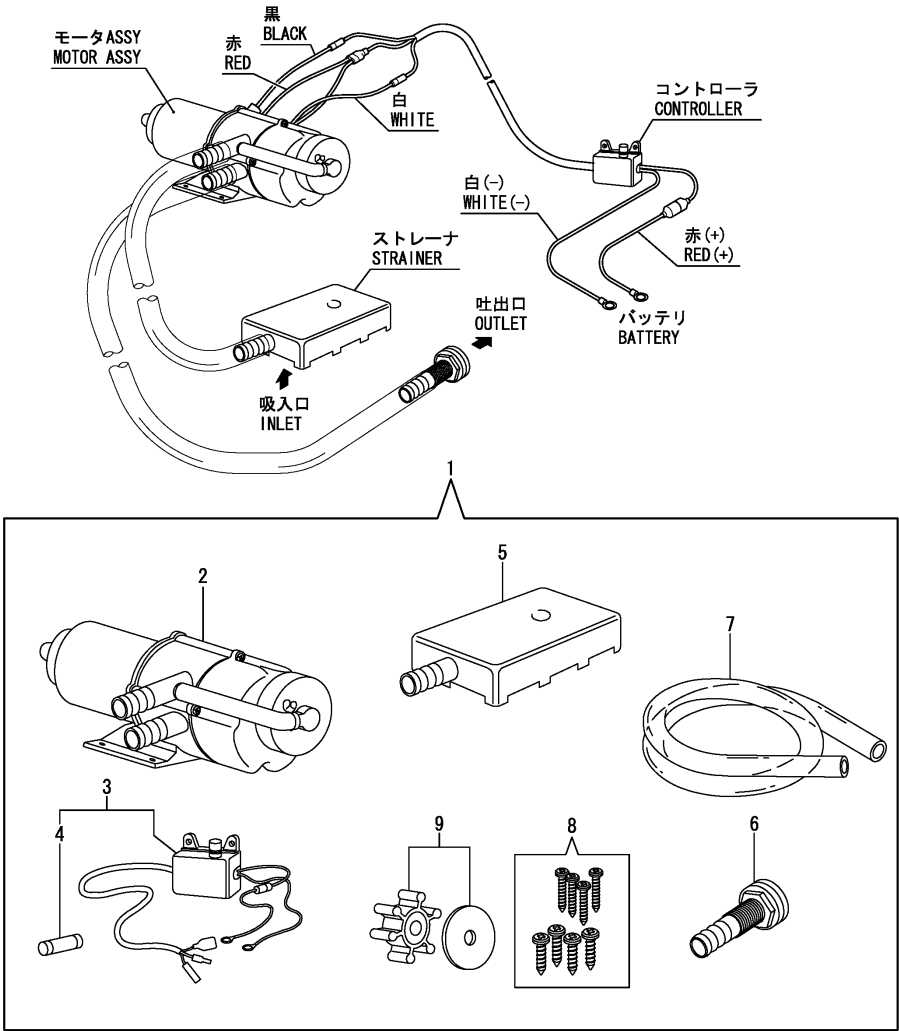
Fig.19. BILGE PUMP(DELUXE)(OPTIONAL)(TO JUL. 2003)



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

							OCR10-M56002 Fig.19						
							(A)=3YM30						
							(D)=						
							(E)=						
							(F)=						
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	977780-01200	PUMP(12V).BILGE	1									
1-1	1	977780-01211	PUMP ASSY, BILGE	1						N	1		
(A=*2003.08.)													
2	2	977780-01230	MOTOR ASSY(BILG PUMP	1									
3	2	977780-01240	CONTROLLER	1									
4	3	X8636008003	FUSE, 8A	1									
5	2	X179100011X	STRAINER	1									
6	2	X179100100X	PIPE ASSY	1									
7	2	X0044021509	HOSE, A	1									
8	2	X199903800X	SCREW KIT	1									
9	2	977780-03000	IMPELLER KIT	1									

Fig.38. (19A)BILGE PUMP(OPTIONAL)(FROM AUG. 2003)

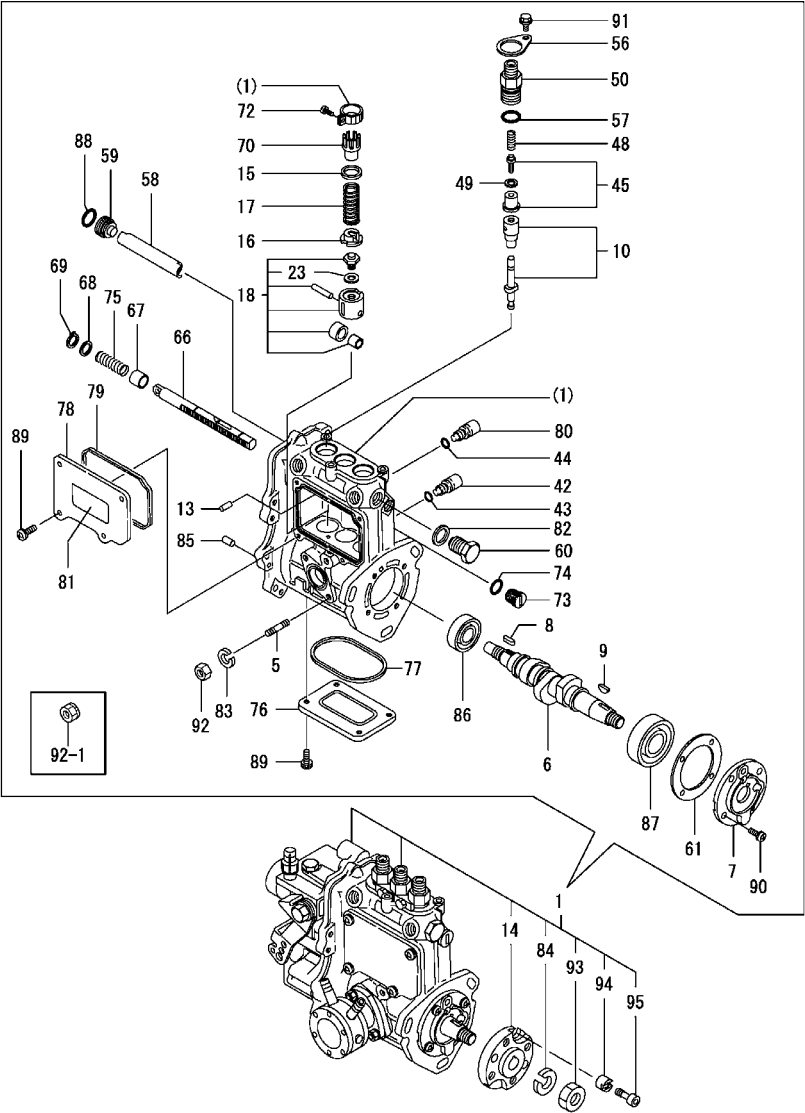


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	977780-01211	PUMP ASSY, BILGE	1							W
(A=*2003.08.)											
2	2	X0318101004	MOTOR ASSY, BILGE	1							
3	2	X158606410X	SWITH	1							
4	3	X8636015001	FUSE, 15A 12V	1							
5	2	X179100022X	STRAINER	1							
6	2	X179100100X	PIPE ASSY	1							
7	2	X0044021509	HOSE, A	1							
8	2	X199906101X	SCREW SET	1							
9	2	977780-03000	IMPELLER KIT	1							

Fig.20. FUEL INJECTION PUMP

(A)=3YM30
(B)=
(C)=

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



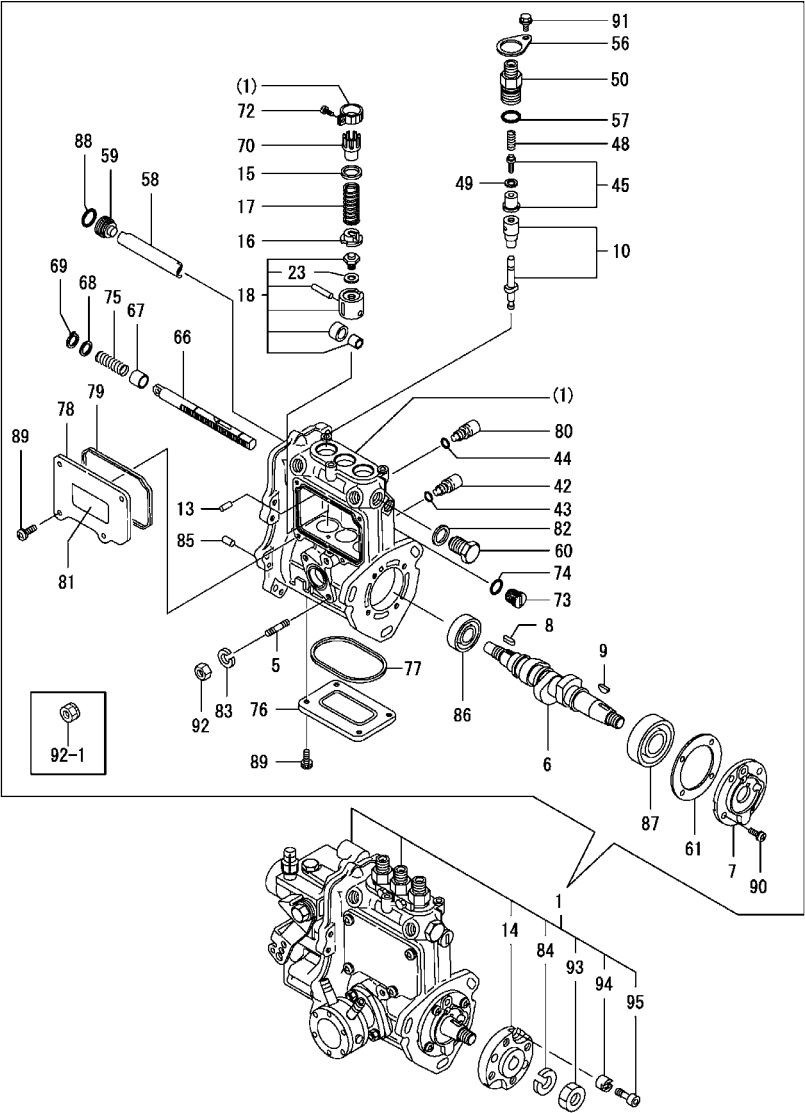
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728990-51350	PUMP ASSY, INJECTION	1							1
5	2	129155-51020	STUD	2							
6	2	119717-51030	CAMSHAFT, PUMP	1							
7	2	119717-51060	SUPPORT, CAMSHAFT	1							
8	2	119717-51070	KEY, PARALLEL	1							
9	2	122710-51090	KEY, FEATHER	1							
10	2	119740-51100	PLUNGER ASSY	3							
13	2	129155-51140	PIN, BARREL LOCK	3							
14	2	119717-51150	FLANGE, CAMSHAFT	1							
15	2	158600-51170	RETAINER, SPRING	3							
16	2	119717-51180	RETAINER, SPRING	3							
16-1	2	119717-51570	RETAINER, SPRING	3							R
(A=*2005.11.)											
17	2	119717-51190	SPRING, PLUNGER	3							
18	2	119717-51200	TAPPET ASSY, ROLLER	3							
18-1	2	128990-51200	TAPPET ASSY	3							N
(A=E/#E00562)											
18-2	2	128990-51201	TAPPET ASSY, ROLLER	3							N
(A=*2016.04.)											
23	3	129155-51600	SHIM SET, ADJUSTING	3							
42	2	158600-51270	STOPPER, TAPPET	3							
43	2	129155-51280	O-RING, S6	3							
44	2	129155-51280	O-RING, S6	1							
45	2	128990-51190	VALVE ASSY, DELIVERY	3							
45-1	2	128990-51300	HOLDER ASSY, DELIVERY	3							S 2
(A=*2004.01.)											
48	2	128990-51330	SPRING, DELIVERY	3							
49	2	124550-51350	GASKET, DELIVERY	3							
50	2	158600-51340	VALVE ASSY, DELIVERY	3							
50-1	2	158600-51440	VALVE ASSY, DELIVERY	3							S 2
(A=*2004.01.)											
50-2	2	158600-51441	VALVE ASSY, DELIVERY	3							N 2
(A=*2004.07.)											
50-3	2	158600-51442	VALVE ASSY, DELIVERY	3							N 2
(A=*2005.09.)											
56	2	118400-51370	PLATE, LOCK	3							
56-1	2	119125-51370	RETAINER, HOLDER	3							R
(A=*2010.09.)											
57	2	24316-000150	O-RING, 4DP15.0	3							
58	2	129155-51400	PROTECTOR	1							
59	2	158600-51410	PLUG, DEFLIFTER M12	1							
60	2	158600-51420	PLUG, DEFLIFTER M16	1							
61	2	129155-51450	SHIM SET, ADJUSTING	1							
66	2	119717-51500	RACK, CONTROL	1							
67	2	129155-51521	BUSH, RACK	1							
68	2	129155-51530	SPACER, SPRING	1							
69	2	129155-51540	CIRCLIP, C	1							
70	2	129155-51550	PINION, CONTROL	3							
72	2	129100-51570	SCREW, PINION M4	3							
73	2	158600-51570	PLUG, RACK	1							
74	2	129155-51580	O-RING	1							

Remarks
(1)Governor(Fig.21) & Fuel Feed Pump(Fig.22) is incorporated in this Fuel Injection Pump(No.1).
(2)Interchangeable by simultaneous replacement with No.45-1 & 50-1.

Fig.20. FUEL INJECTION PUMP

(A)=3YM30
(B)=
(C)=

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



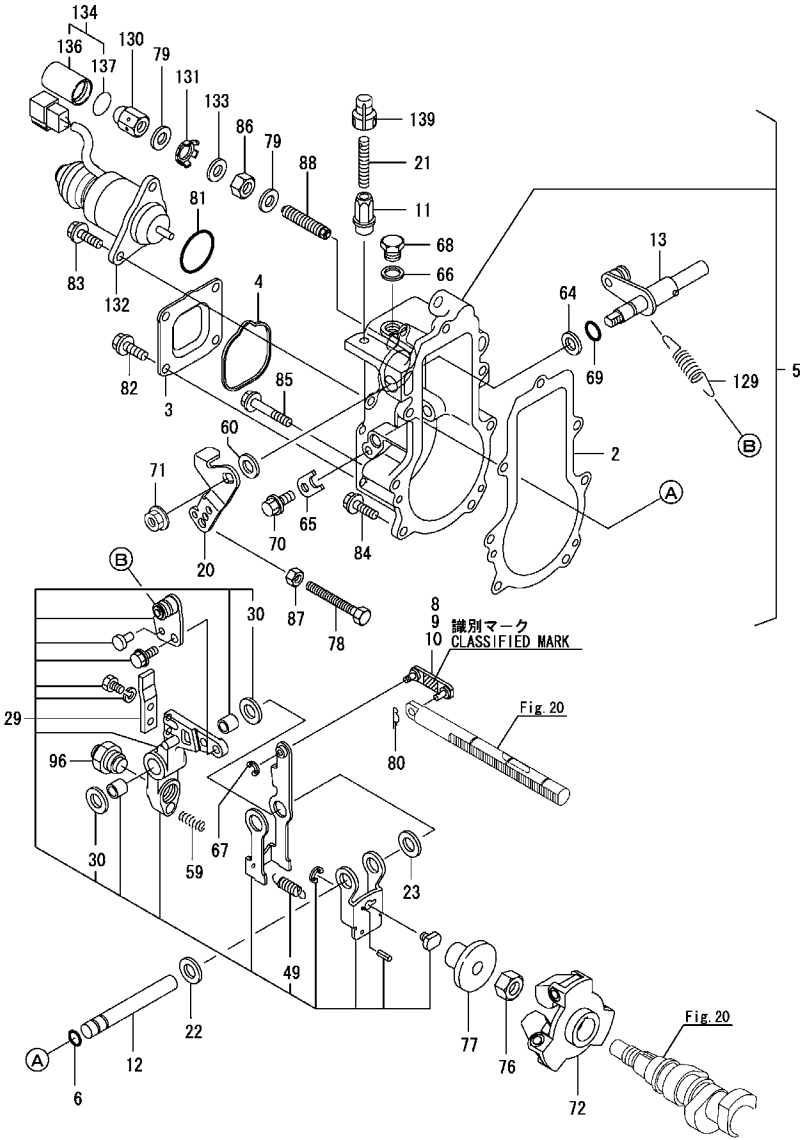
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
75	2	129155-51591	SPRING, RACK ASSIST	1							
76	2	129155-51701	COVER, PUMP BOTTOM	1							
77	2	119717-51710	GASKET	1							
77-1	2	119717-51711	GASKET, PUMP	1						N	
(A=*2006.05.)											
78	2	119717-51750	COVER, BODY SIDE	1							
79	2	119717-51760	GASKET	1							
79-1	2	119717-51761	GASKET, PUMP COVER	1						N	
(A=*2006.05.)											
80	2	158600-51790	STOPPER, RACK	1							
81	2	129156-51910	LABEL, FIE CAUTION	1						Z	
(A=*2006.05.)											
82	2	22190-160002	WASHER, SEAL 16	1							
83	2	22217-060000	WASHER, SPRING 6	2						Z	
(A=*2009.08.)											
84	2	22217-120000	WASHER, SPRING 12	1							
85	2	22351-050010	PIN, SPRING 5.0X10	2							
86	2	24101-060034	BEARING, BALL 6003	1							
87	2	24101-063034	BEARING, BALL 6303	1							
88	2	119717-51420	O-RING	1							
89	2	26022-050122	SCREW, M5X12	8							
90	2	26022-060162	SCREW, M6X16	4							
90-1	2	119125-51900	BOLT, M6X14	4						R	
(A=*2011.03.)											
91	2	26106-050102	BOLT, M5X 10 PLATED	3							
92	2	26716-060002	NUT, M6	2							
92-1	2	119717-51860	NUT, M6	2						N	
(A=*2009.08.)											
93	2	26716-120002	NUT, M12	1							
94	2	119717-51480	COLLAR	1							
94-1	2	119717-51481	COLLAR, FIC FIX	1						N	
(A=*2012.06.)											
95	2	119717-51490	BOLT	1							
95-1	2	119717-51491	BOLT, FIXATION	1						N	
(A=*2012.06.)											

Remarks
(1)Governor(Fig.21) & Fuel Feed Pump(Fig.22) is incorporated in this Fuel Injection Pump(No.1).
(2)Interchangeable by simultaneous replacement with No.45-1 & 50-1.

Fig.21. GOVERNOR

(A)=3YM30
(B)=
(C)=

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



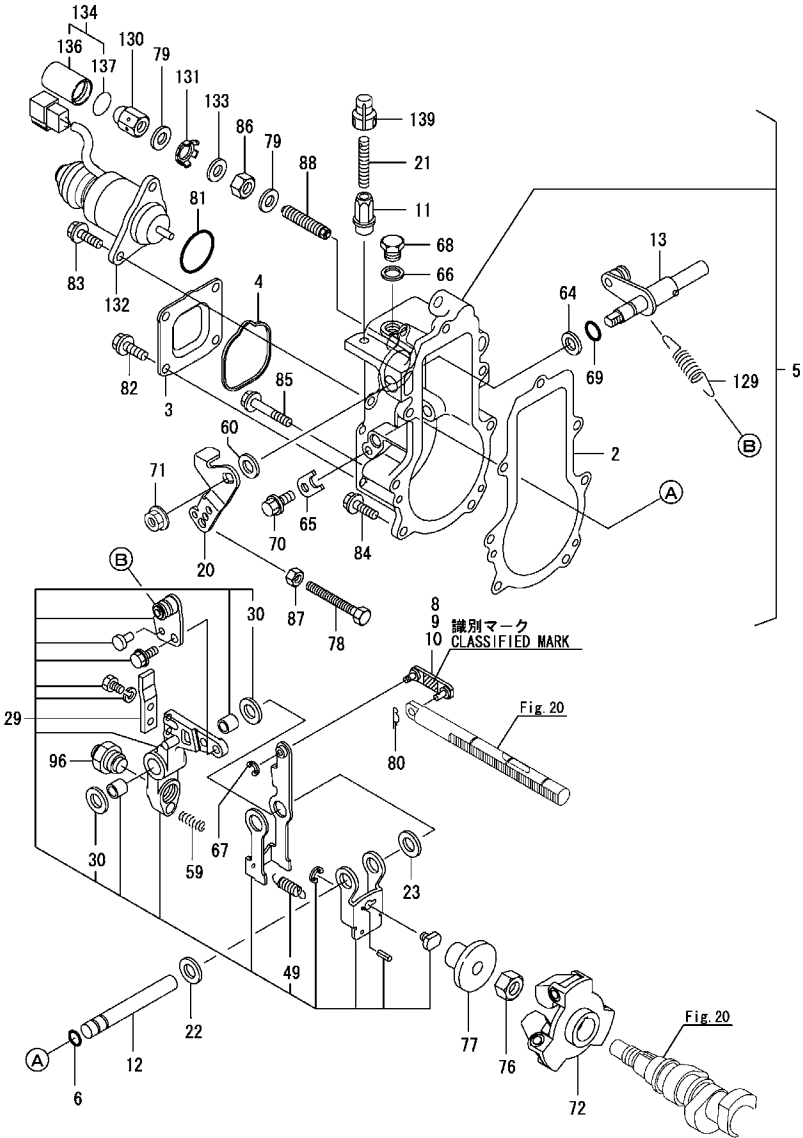
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-61050	GASKET, CASE	1							
3	2	119717-61060	COVER, GOVERNOR CASE	1							
4	2	119717-61070	GASKET, COVER	1							
5	2	119717-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-51280	O-RING, S6	1							
8	3	119717-61120	LINK, L=29.3 MARK 3	1							1
9	3	119717-61130	LINK, L=29.8 MARK 98	1							1
10	3	119717-61140	LINK, L=28.8 MARK 88	1							1
10A	3	119717-61150	LINK, L=30.3 MARK 03	1							W 1
(A=E#E00562)											
11	3	129209-61370	NUT, ARB M6	1							
12	3	129052-61390	SHAFT,GOVERNOR LEVER	1							
13	3	119717-61400	SHAFT ASSY, LEVER	1							
20	3	119717-61440	LEVER, CONTROL	1							
20-1	3	119515-61440	LEVER, CONTROL	1							N
(A=*2004.07.)											
21	3	129155-61450	BOLT, LIMITER	1							
21-1	3	121575-66830	SCREW, ADJUSTER	1							R
(A=*2011.05.)											
22	3	129156-61460	SHIM, LEVER T=0.6	1							
23	3	129155-61480	SPACER ASSY, LEVER	1							
29	3	119717-61500	LEVER ASSY, GOVERNOR	1							
30	4	174307-51700	SHIM SET, PLUNGER	2							
49	4	129486-61540	SPRING, LEVER	1							
59	3	129100-61650	SPRING, FUEL LIMITER	1							
60	3	158552-61700	SHIM SET	1							
64	3	158552-61710	SHIM, T=1.0	1							
65	3	119660-61901	STOPPER, SHAFT	1							
66	3	22190-100002	WASHER, SEAL 10	1							
67	3	22272-000030	RING, E- 3	1							
68	3	23887-100002	PLUG, 10	1							
68-1	3	119717-51930	PLUG, M10	1							R
(A=*2011.02.)											
69	3	24341-000070	O-RING, 1AS7.0	1							
70	3	26106-060102	BOLT, M6X 10 PLATED	1							
71	3	26366-080002	NUT, M8	1							
72	2	119717-61200	WEIGHT ASSY,GOVERNOR	1							
72-1	2	119717-61201	WEIGHT ASSY,GOVERNOR	1							R
(A=*2009.06.)											
76	2	119660-61300	NUT, SUPPORT	1							
76-1	2	129008-61301	NUT, SUPPORT	1							R
(A=*2007.12.)											
77	2	129155-61341	SLEEVE	1							
78	2	129155-61460	BOLT, IDLE LIMIT	1							
78-1	2	129155-61461	BOLT,IDLE LIMIT	1							N
(A=*2016.02.)											
79	2	22190-120002	WASHER, SEAL 12	2							
80	2	22372-040000	PIN, SNAP 4	1							
81	2	24341-000280	O-RING, 1AS28.0	1							
81-1	2	158552-61900	O-RING	1							N
(A=*2006.03.)											

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

Fig.21. GOVERNOR

(A)=3YM30
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
82	2	26106-060102	BOLT, M6X 10 PLATED	4							
83	2	26106-060142	BOLT, M6X 14 PLATED	2							
84	2	26106-060202	BOLT, M6X 20 PLATED	4							
85	2	26106-060452	BOLT, M6X 45 PLATED	3							
86	2	26736-120002	NUT, M12	1							
86-1	2	129209-61920	NUT, ARB	1							R
(A=*2007.11.)											
87	2	26756-060002	NUT, LOCK M6	1							
87-1	2	119740-61470	NUT	1							N
(A=*2017.03.)											
88	2	158601-61760	LIMITER ASSY, FUEL	1							
96	2	128990-61560	ANGLEICH ASSY	1							
129	2	129100-61730	SPRING, GOVERNOR	1							
129-1	2	119527-61700	SPRING, GOVERNOR	1							N
(A=*2007.04.)											
130	2	129209-61930	NUT	1							
131	2	129209-61970	LABEL	1							
132	2	129271-77950	SOLENOID, STOP	1							
133	2	23414-120016	GASKET, 12X1.0	1							
134	1	129209-61940	CASE ASSY	1							
136	2	129209-61960	CASE	1							2
136-1	2	129209-61961	CASE	1							S 2
(A=*2007.04.)											
137	2	24311-000150	O-RING, 1AP15.0	1							
137-1	2	24311-000160	O-RING, 1AP16.0	1							S
(A=*2007.04.)											
139	1	119285-66650	CAP, HIGH-IDLE	1							2

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

Fig.22. FUEL FEED PUMP

(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	129158-52000	PUMP ASSY, FUEL FEED	1							
2	3	129155-52051	GASKET, PUMP COVER	1							
3	3	129158-52100	PUMP ASSY, FUEL FEED	1							
3-1	3	129158-52101	PUMP ASSY, FUEL FEED	1							N
(A=*2004.08.)											

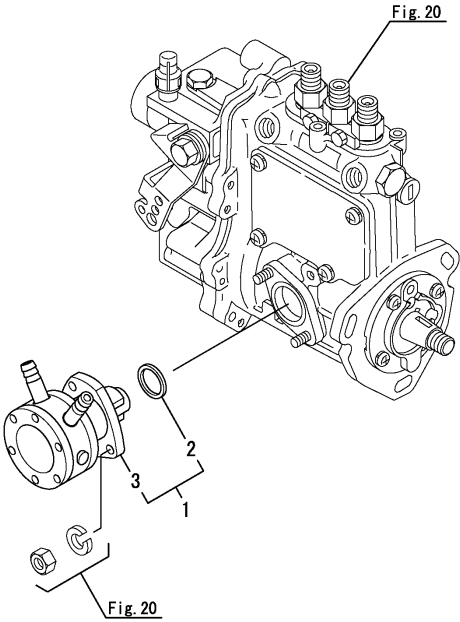
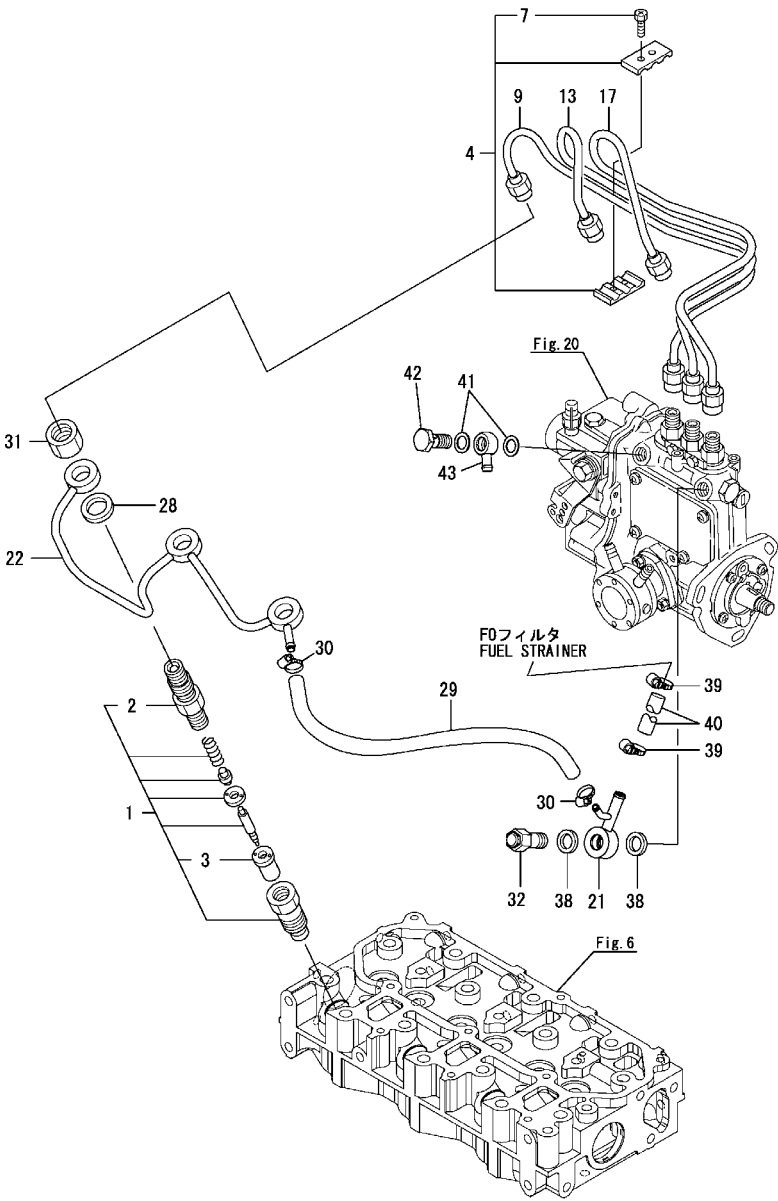


Fig.23. FUEL INJECTION VALVE & FUEL INJECTION PIPE

OCR10-M56002 Fig.23

(A)=3YM30
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53000	VALVE ASSY,INJECTION	3							
1-1	1	119515-53001	VALVE ASSY,INJECTION	3							R
(A=*2004.06.)											
2	2	118200-53010	HOLDER, NOZZLE	3							
3	2	119515-53010	VALVE ASSY,INJECTION	3							
3A	2	129901-53800	SHIM SET, ADJUSTING	3							1
4	1	129150-59120	RETAINER, PIPE	1							
7	2	129150-59131	BOLT, M4X14	2							
9	1	119717-59810	PIPE, INJECTION NO.1	1							
13	1	119717-59820	PIPE, INJECTION NO.2	1							
17	1	119717-59830	PIPE, INJECTION NO.3	1							
21	1	119840-59570	JOINT, OVERFLOW	1							
22	1	119717-59510	PIPE ASSY, RETURN	1							
28	1	129901-59560	GASKET, FUEL RETURN	3							
29	1	119773-59511	PIPE, FUEL	1							
29-1	1	128990-59510	PIPE, FUEL	1							N
(A=*2005.07.)											
30	1	23000-016000	CLAMP, 16	2							
31	1	119620-59700	NUT, NOZZLE RETURN	3							
32	1	119813-59950	VALVE ASSY, CHECK	1							
38	1	22190-120002	WASHER, SEAL 12	2							
39	1	23000-016000	CLAMP, 16	2							
39-1	1	23000-013000	CLAMP, 13	2							N
(A=*2013.09.)											
40	1	128370-59040	PIPE, FUEL	1							
40-1	1	128990-59040	PIPE, FUEL	1							N
(A=*2005.07.)											
41	1	22190-120002	WASHER, SEAL 12	2							
42	1	103854-39140	BOLT, PIPE JOINT	1							
43	1	101304-59020	JOINT, PIPE 12	1							

Remarks
(1)Service parts.

Fig.24. FUEL PIPE & FUEL FILTER

(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-55010	BRACKET, FILTER	1							
1-1	1	128990-55011	BRACKET, FILTER	1							N
(A=E/#E03455)											
2	1	26106-080162	BOLT, M8X 16 PLATED	2							
3	1	128990-55600	STRAINER ASSY, FUEL	1							
3-1	1	121370-55601	STRAINER ASSY, FUEL	1							R
(A=*2004.02.)											
4	2	110250-55610	RING, CUP RETAINING	1							
5	2	104500-55710	ELEMENT, FUEL FILTER	1							
7	2	121370-55730	CUP, STRAINER	1							
8	2	101720-55750	PLUG, HEXAGON M6	1							
9	2	23418-060000	GASKET, 6X1.0	1							
10	2	24341-000440	O-RING, 1AS44.0	1							
11	1	128990-59150	BOLT, PIPE JOINT M8	1							
12	1	128990-59530	JOINT, RETURN PIPE	1							
13	1	22190-080002	WASHER, SEAL 8	2							
14	1	26013-060162	BOLT, M6X 16	2							
15	1	104264-59020	JOINT	2							
16	1	119172-59201	PIPE, FUEL	1							
16-1	1	128990-59200	PIPE, FUEL	1							N
(A=*2005.07.)											
17	1	129470-59542	PIPE, FUEL	1							
17-1	1	128990-59540	PIPE, FUEL	1							N
(A=*2005.07.)											
18	1	22190-120002	WASHER, SEAL 12	4							
19	1	23857-060000	BOLT, JOINT 6	2							
20	1	23000-016000	CLAMP, 16	4							
21	1	121750-59890	BAND, NYLON	1							W
(A=*2010.07.)											
21-1	1	128990-59890	BAND, 200	1							R
(A=*2013.09.)											

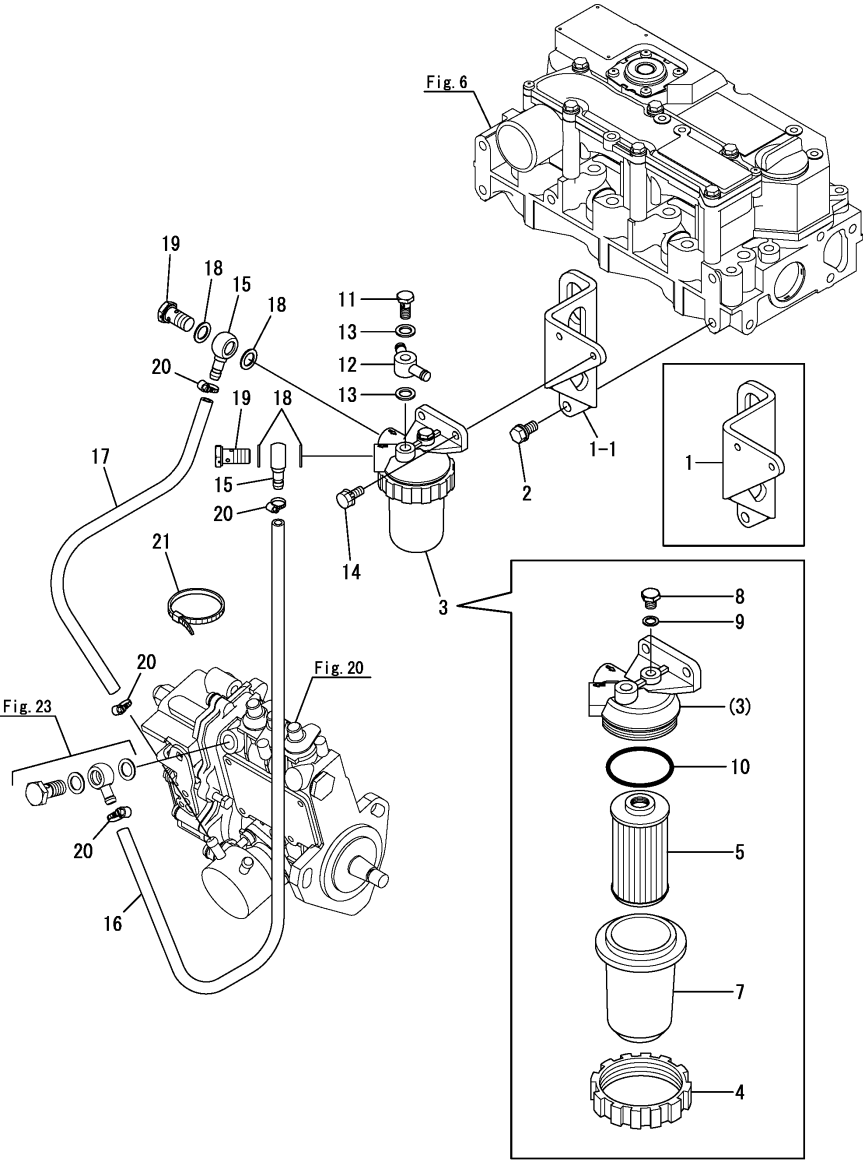
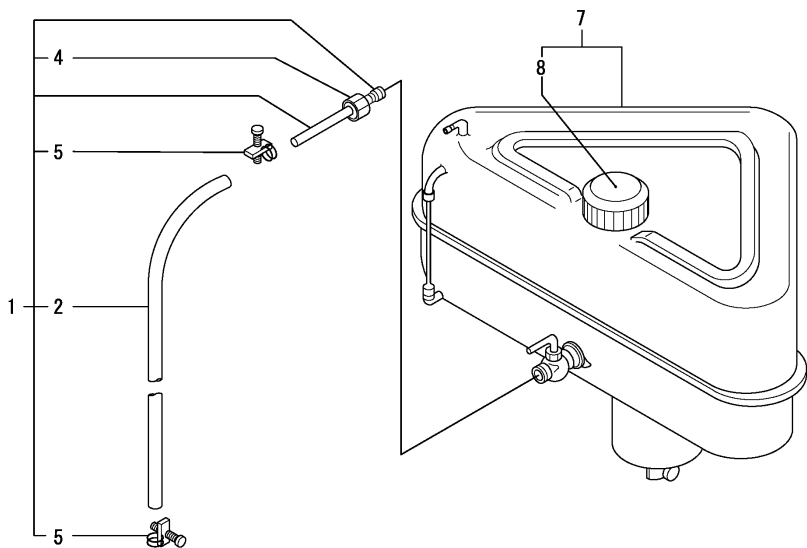
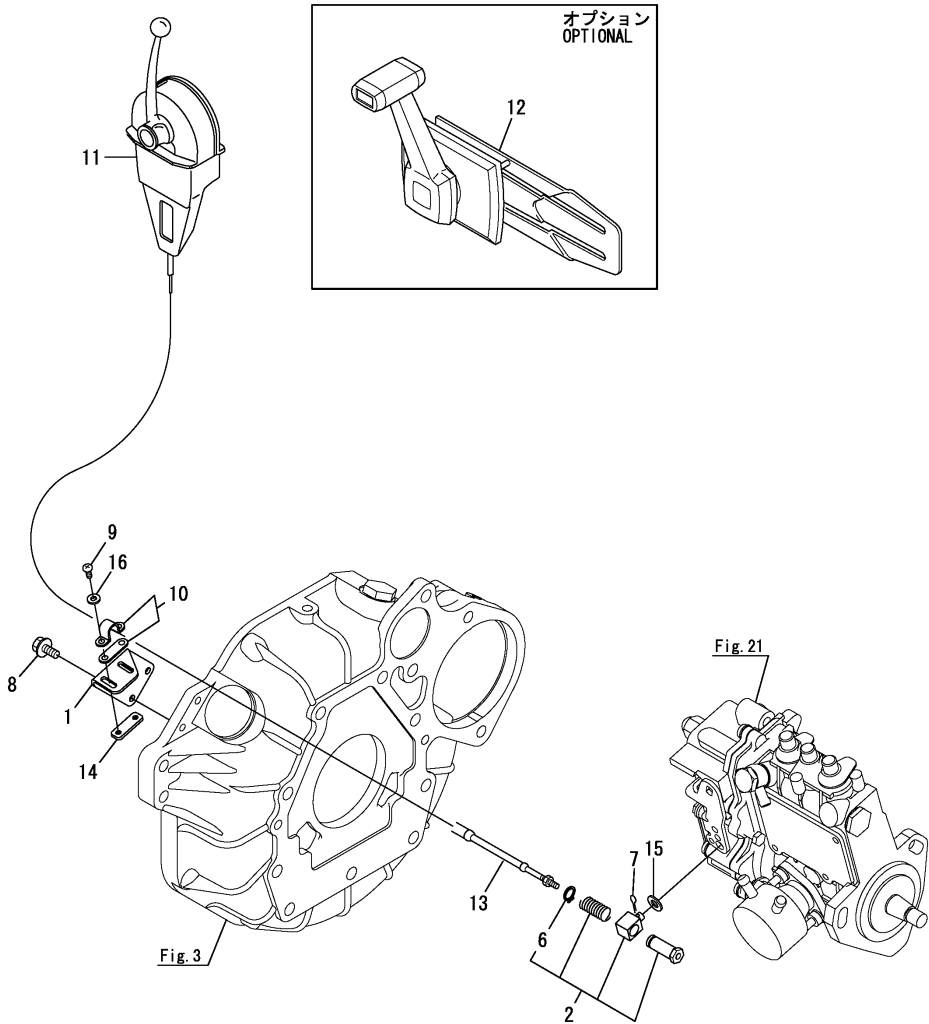


Fig.25. FUEL TANK(OPTIONAL)



				(A)=3YM30 (B)= (C)=					(D)= (E)= (F)=		
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	124070-59060	PIPE ASSY, FUEL 2M	1							
1-1	1	128990-59700	PIPE ASSY, FUEL	1							N
(A=*2004.04.)											
2	2	124070-59130	PIPE, FUEL 2M	1							
2-1	2	128990-59131	PIPE, FUEL	1							S
(A=*2004.04.)											
4	2	138603-59380	NUT, CAP	1							
5	2	23010-014000	CLAMP, 14	2							
7	1	83213-003012	TANK ASSY, FUEL OIL	1							
8	2	105430-55041	CAP ASSY, FUEL TANK	1							

Fig.26. CABLE SUPPORT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-67150	BRACKET, CABLE	1							
2	1	129470-67200	RETAINER ASSY	1							
6	2	22242-000100	RING, 10	1							
7	1	22360-080000	SNAP PIN 8	1							
7-1	1	22414-250150	PIN, COTTER 2.5X15	1							N
(A=*2013.09.)											
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	26557-050122	SCREW, M5X12	2							
9-1	1	26557-050202	SCREW, M5X20	2							R
(A=*2004.06.)											
10	1	41710-000410	CLAMP	1							
11	1	41730-000681	CONTROL, MT-3	1							
12	1	128170-86501	REMOCON HEAD (MN)	1							
13	1	41710-000380	CABLE, PP 33CX4M	2							
13-1	1	27730-301400	CABLE, REMO-CON	2							R
(A=*2012.09.)											
14	1	121574-86320	RETAINER	1							W
(A=*2004.06.)											
15	1	22117-080000	WASHER, 8	1							W
(A=*2013.09.)											
16	1	22217-050000	WASHER, SPRING 5	2							W
(A=*2013.08.)											

Fig.27. CLUTCH

(A)=3YM30
(B)=
(C)=

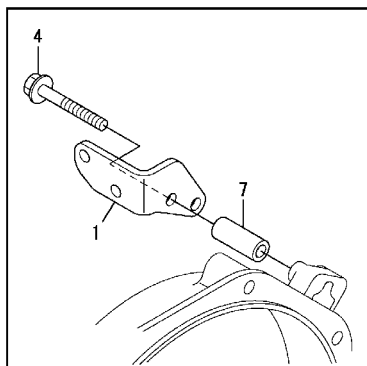
(D)=
(E)=
(F)=

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

この項目には、イラスト表現はしていません。

The parts of this figure are not illustrated.

Fig.28. CLUTCH(REMOTE CONTROL)



(A)=3YM30
(B)=
(C)=

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

[illegible]

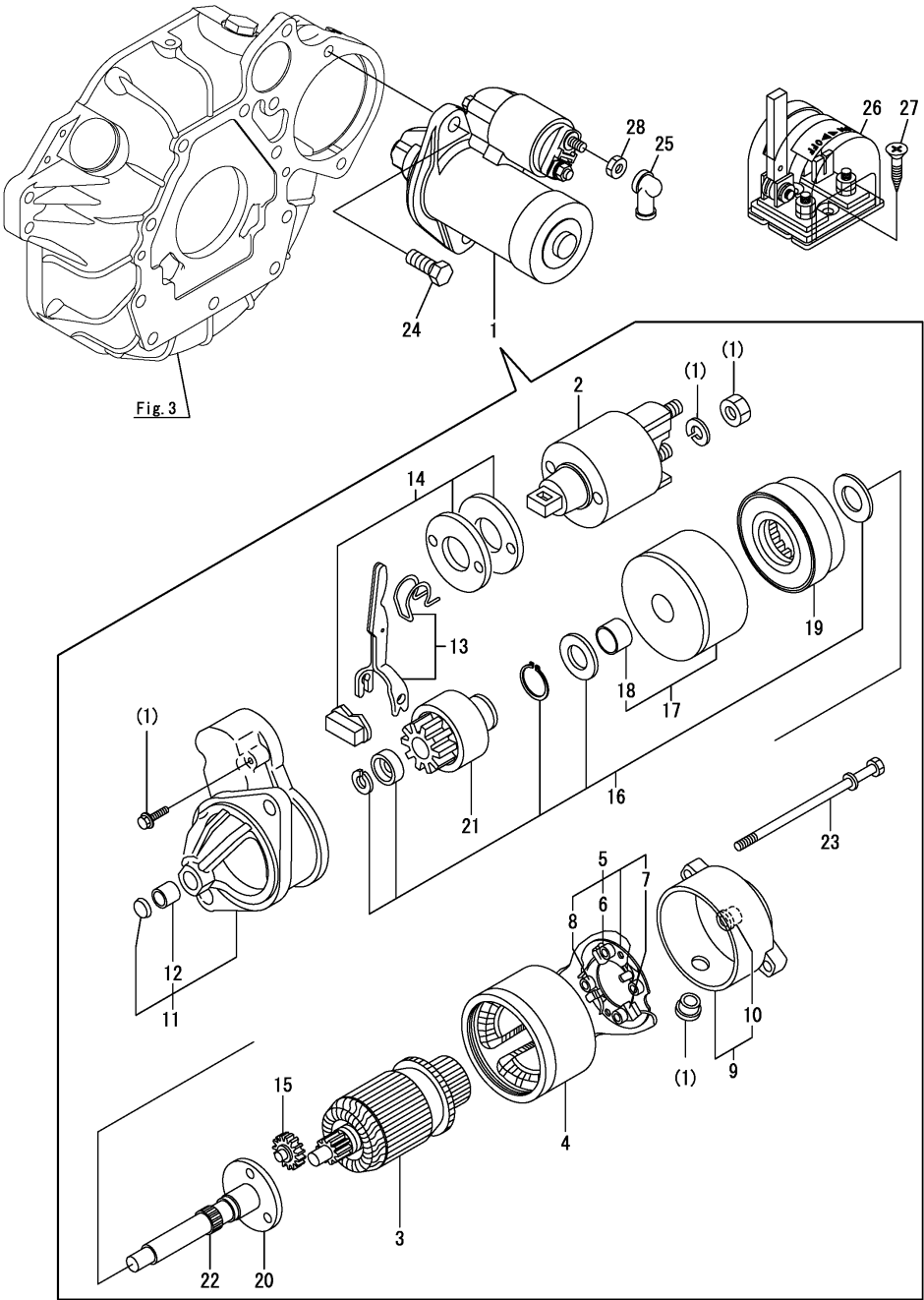
Remarks

(1) Interchangeable by simultaneous replacement with No.1-1 & 4-1.

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

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Fig.30. STARTER MOTOR

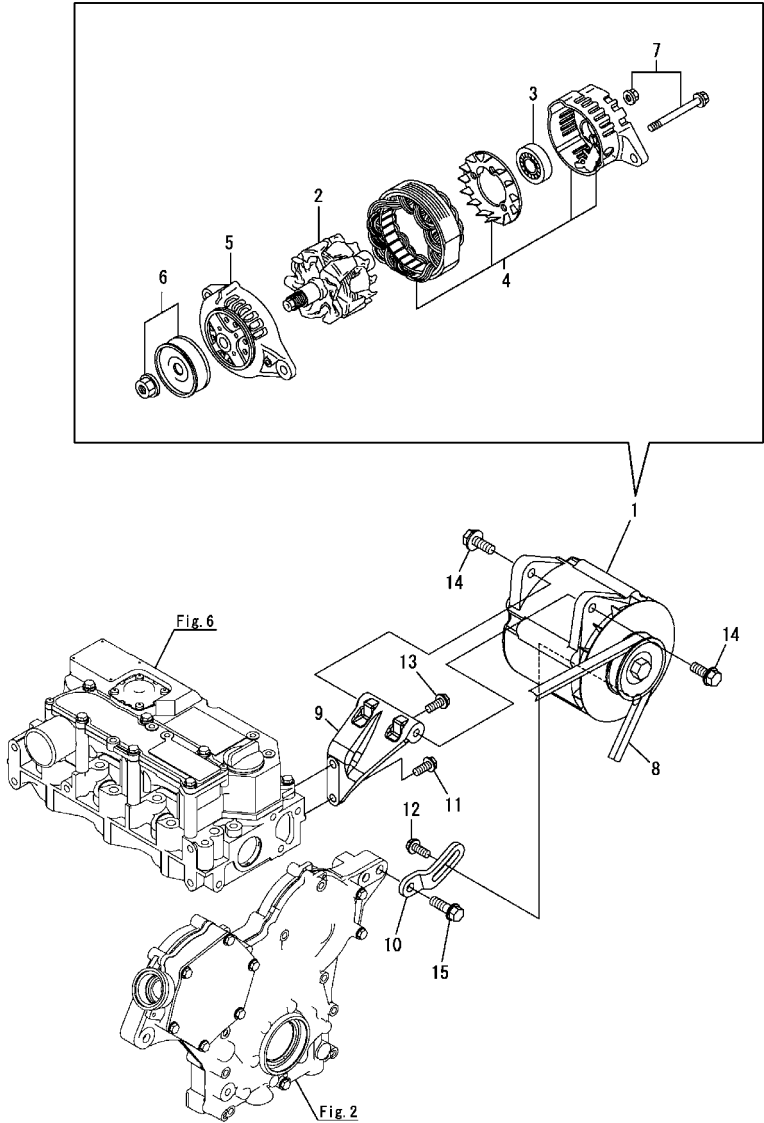


(A)=3YM30
(B)=
(C)=

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

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

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

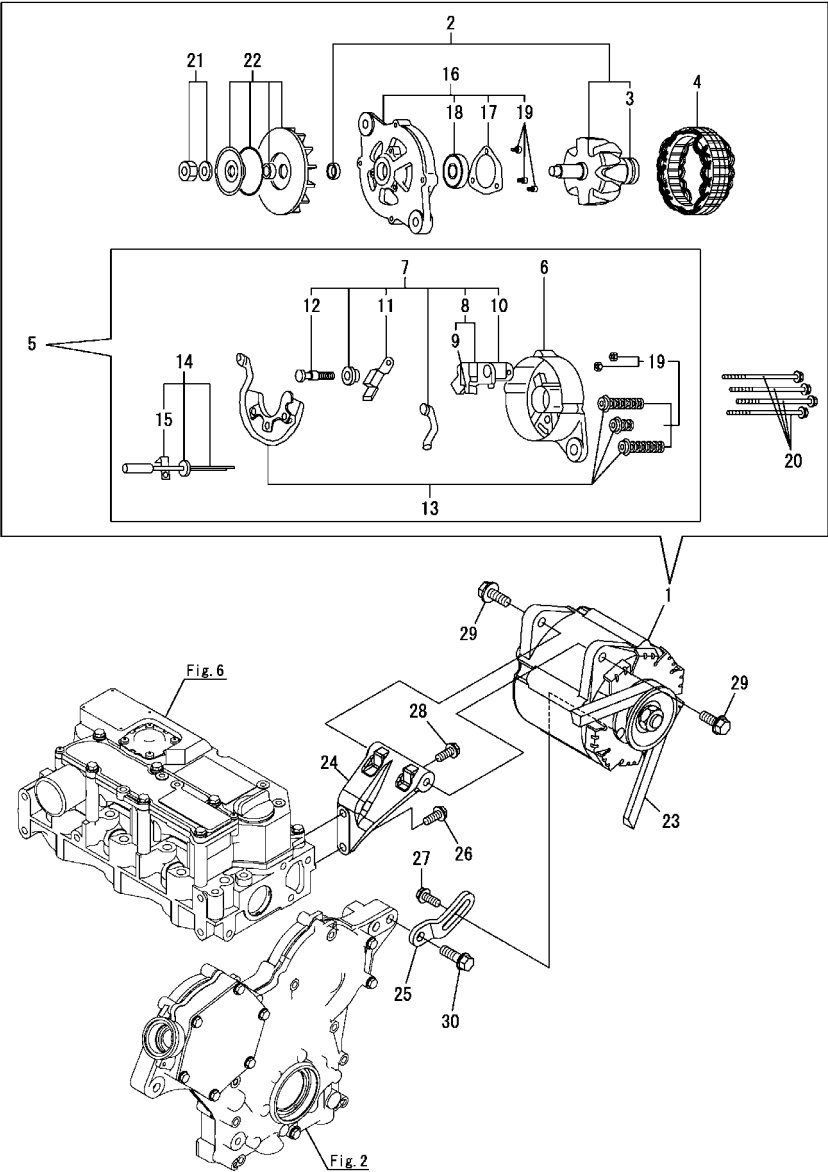


OCR10-M56002 Fig.31										
(A)=3YM30 (D)= (E)= (F)=										
(B)= (C)=										
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	128271-77200	GENERATOR, 12V-60A	1						Z
(A=*2010.09.)										
2	2	123900-77700	ROTOR ASSY	1						
3	2	129612-77710	BEARING, BALL	1						
4	2	128271-77720	BRACKET(STATOR+REGUL	1						
5	2	123900-77730	BRACKET ASSY, FRONT	1						
6	2	128271-77740	PULLEY	1						
7	2	128271-77750	SCREW KIT	1						
8	1	119831-42290	V-BELT, A37.5	1						
8-1	1	129612-42290	V-BELT, A37.5	1						R
(A=*2004.06.)										
8-2	1	129612-42290	V-BELT, A37.5	1						Z
(A=*2010.09.)										
9	1	128990-77310	BRACKET, ALTERNATOR	1						Z
(A=*2010.09.)										
10	1	128990-77330	ADJUSTER, BELT	1						Z
(A=*2010.09.)										
11	1	26106-080202	BOLT, M8X 20 PLATED	1						Z
(A=*2010.09.)										
12	1	26106-080202	BOLT, M8X 20 PLATED	1						Z
(A=*2010.09.)										
13	1	26106-080252	BOLT, M8X 25 PLATED	1						Z
(A=*2010.09.)										
14	1	26106-100252	BOLT, M10X 25 PLATED	2						Z
(A=*2010.09.)										
15	1	26106-100302	BOLT, M10X 30 PLATED	1						Z
(A=*2010.09.)										

Fig.32. GENERATOR(HITACHI/80A)(UP TO E/#E20847)

(A)=3YM30
(B)=
(C)=

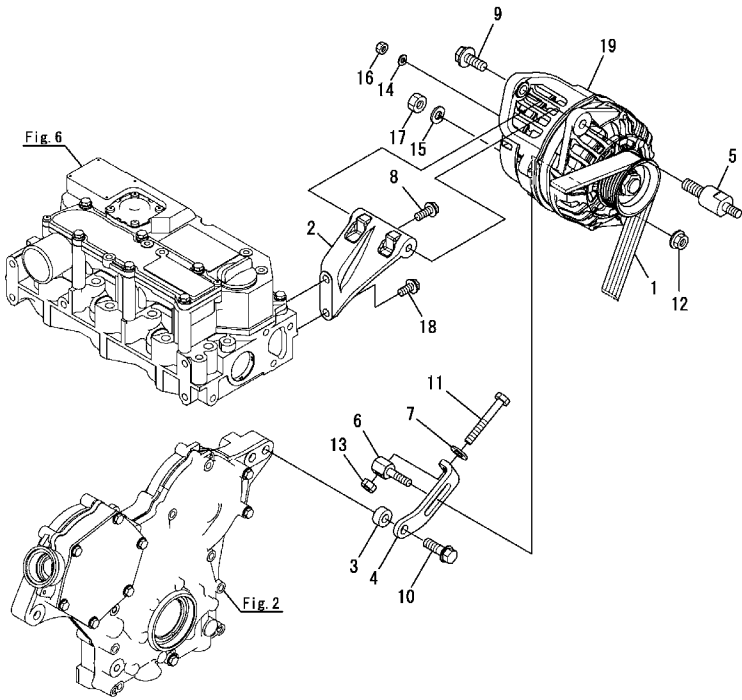
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119573-77201	ALTERNATOR, 12V-80A	1							
2	2	XL180G61000	ROTOR ASSY	1							
3	3	119129-77320	BEARING, BALL	1							
4	2	XL180120000	STATOR ASSY	1							
5	2	XL180G63006	COVER ASSY, REAR	1							
6	3	XL180G13012	COVER, REAR	1							
7	3	XL180G43150	BRUSH ASSY,REGULATOR	1							
8	4	XL155G1330	BRUSH ASSY	1							
9	5	XL225G1325	BRUSH SET	2							
10	4	124080-77390	REGULATOR ASSY	1							
11	4	XL225431800	CONDENSER ASSY	1							
12	4	124080-77520	BOLT, M5	2							
13	3	XL1808320	DIODE ASSY	1							
14	3	119129-77250	WIRE, LEAD	1							
15	4	119129-77260	CLAMP	1							
16	2	XL235340110	COVER ASSY, FRONT	1							
17	3	XL150M14041	RETAINER	1							
18	3	X6303BM0000	BEARING, BALL	1							
19	3	119129-77930	SCREW KIT	1							
20	2	119129-77890	BOLT, THROUGH	4							
21	2	119129-77900	NUT ASSY, PULLEY	1							
22	2	XL180G85001	PULLEY ASSY	1							
23	1	119831-42290	V-BELT, A37.5	1							
23-1	1	129612-42290	V-BELT, A37.5	1							R
(A=*2004.06.)											
24	1	128990-77310	BRACKET, ALTERNATOR	1							
25	1	128990-77330	ADJUSTER, BELT	1							
26	1	26106-080202	BOLT, M8X 20 PLATED	1							
27	1	26106-080202	BOLT, M8X 20 PLATED	1							
28	1	26106-080252	BOLT, M8X 25 PLATED	1							
29	1	26106-100252	BOLT, M10X 25 PLATED	2							
30	1	26106-100302	BOLT, M10X 30 PLATED	1							

Remarks
* This item is applicable to [(A)=E/#E20847] or previous machines(Refer to Fig.41).
* Refer to Fig.42 for the combination of generator, wire harness, and panel.

Fig.41. (32A)GENERATOR(VALEO)(FROM E/#E20848)

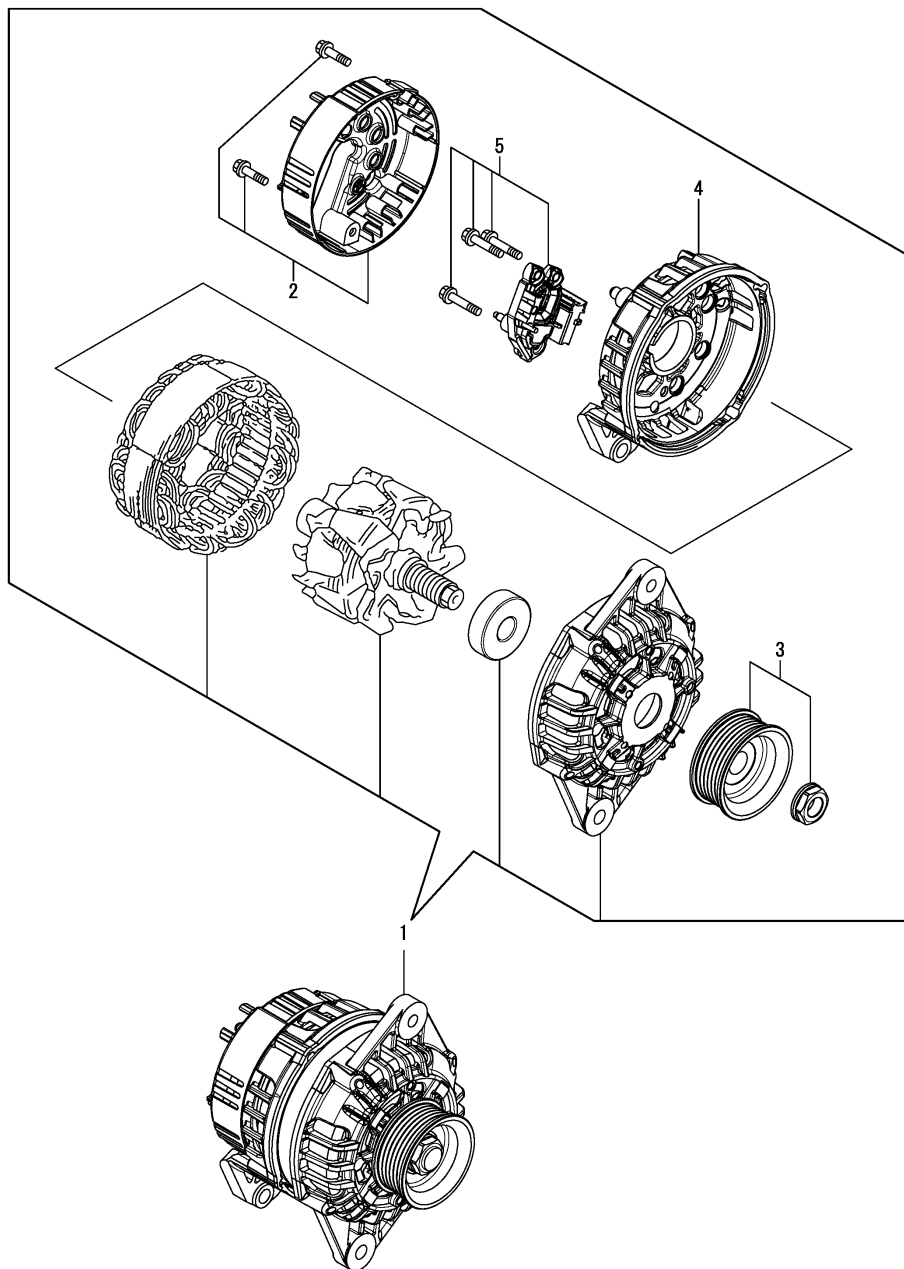


(A)=3YM30
(B)=
(C)=

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

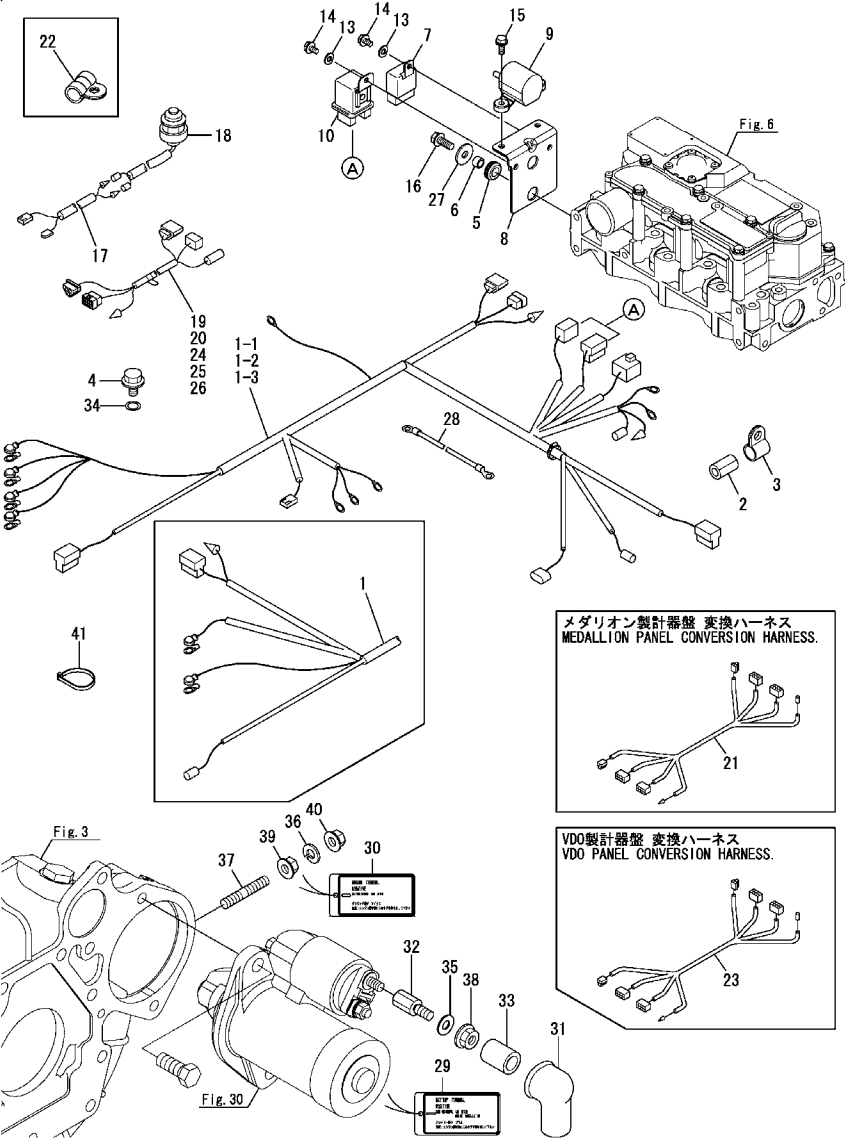
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-77580	BELT, ALTERNATOR 6PK	1							
2	1	128990-77310	BRACKET, ALTERNATOR	1							
3	1	128990-77320	SPACER, ADJUSTER	1							
4	1	128990-77341	ADJUSTER, BELT	1							
5	1	128990-77410	BOLT, BELT COVER	1							
6	1	129271-77641	BOLT, ADJUSTER	1							
7	1	22137-080000	WASHER, 8	1							
8	1	26106-080252	BOLT, M8X 25 PLATED	1							
9	1	26106-100302	BOLT, M10X 30 PLATED	1							
10	1	26106-100402	BOLT, M10X 40 PLATED	1							
11	1	26116-080604	BOLT, M8X 60 PLATED	1							
12	1	26366-080002	NUT, M8	1							
13	1	26716-080002	NUT, M8	1							
14	1	22217-050000	WASHER, SPRING 5	2							
15	1	22217-080000	WASHER, SPRING 8	1							
16	1	26716-050002	NUT, M5	2							
17	1	26716-080002	NUT, M8	1							
17-1	1	26756-080002	NUT, LOCK M8	1							N
(A=*2013.09.)											
18	1	26106-080202	BOLT, M8X 20 PLATED	1							
19	1	128990-77250	ALTERNATOR, 12V-125A	1						W	1
(A=E/#E20848)											

Remarks
* This item is applicable to [(A)=E20848] or following machines(Refer to Fig.32).
* Refer to Fig.42 for the combination of generator, wire harness, and panel.
(1)Inner parts are shown in Fig.43.



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

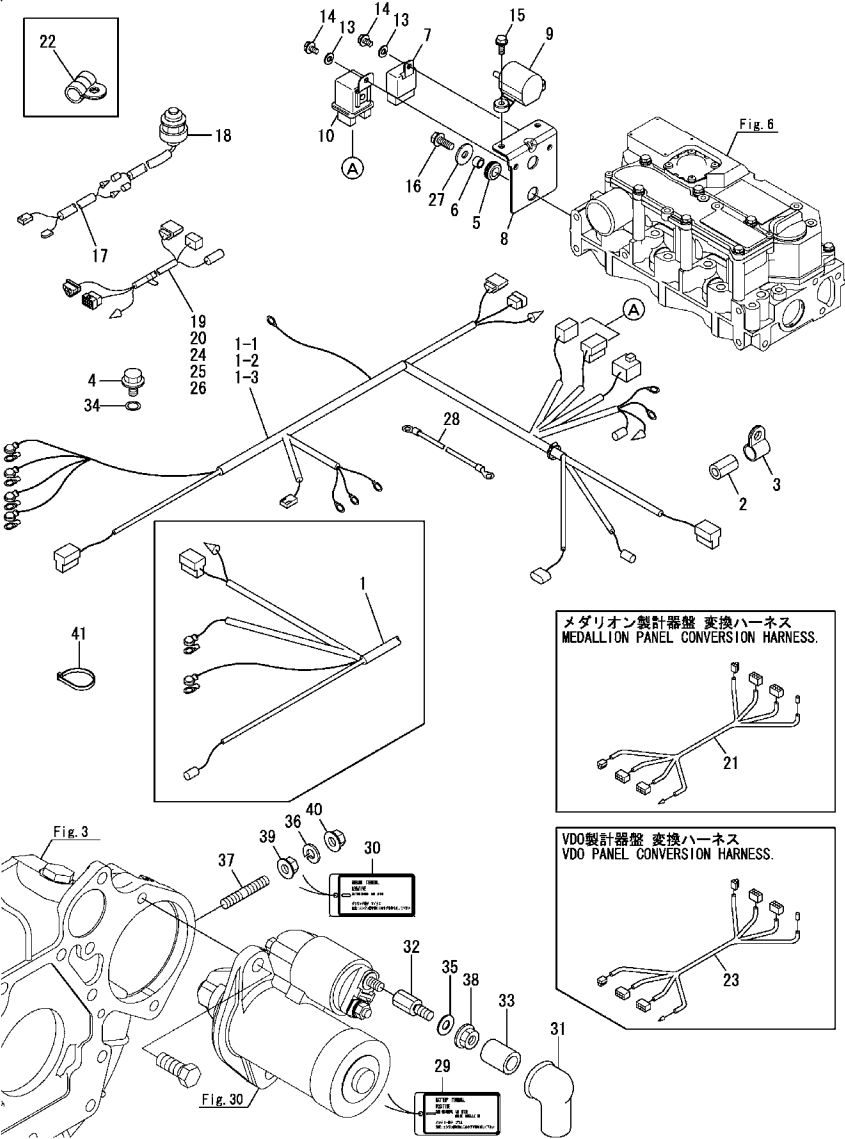
Fig.33. WIRE HARNESS & RELAY



Remarks
* Refer to Fig.42 for the combination of generator, wire harness, and panel.
(1)It is made by YAZAKI.
(2)It is made by DEUTSCH : VALEO generator specification.
(3)For MEDALLION.
(4)For VDO : VALEO generator specification.
(5)No.1-3 & 28 interchangeable by set.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-77900	HARNESS, WIRE	1							
1-1	1	128990-77920	HARNESS, WIRE	1						N	1
(A=*2003.12.)											
1-2	1	128990-77921	HARNESS, ENGINE	1						S	2
(A=E/#E20848)											
1-3	1	128990-77922	HARNESS, WIRE ENGINE	1						F	5
(A=*2016.12.)											
2	1	124770-77940	PROTECTOR, HARNESS	1							
2-1	1	129670-77940	PROTECTOR	1							R
(A=*2007.11.)											
2-2	1	129670-77940	PROTECTOR	1						Z	
(A=*2010.12.)											
3	1	124070-77950	CLAMP	1							
3-1	1	121575-49310	RETAINER, PIPE	1							R
(A=*2004.04.)											
3-2	1	121575-49310	RETAINER, PIPE	1						Z	
(A=*2010.12.)											
4	1	26106-080142	BOLT, M8X 14 PLATED	1							
4-1	1	26106-080122	BOLT, M8X 12 PLATED	1							N
(A=*2018.07.)											
5	1	105100-55501	RUBBER, FUEL TANK	2							
5-1	1	128990-77610	GROMMET, M8	2							R
(A=*2005.03.)											
6	1	105100-55540	COLLAR, TANK	2							
6-1	1	128990-77430	COLLAR, BRACKET	2							R
(A=*2004.05.)											
7	1	119247-77100	RELAY, POWER SN2213	1							
8	1	128990-77400	BRACKET, RELAY	1							
9	1	120270-77511	RELAY, MAGNETIC	1							
9-1	1	128990-77550	RELAY, MAGNET	1							N
(A=*2008.04.)											
10	1	128990-77910	RELAY, GROW	1							
10-1	1	128990-77911	RELAY, GLOW	1							N
(A=*2010.12.)											
13	1	22217-060000	WASHER, SPRING 6	2							W
(A=*2014.08.)											
14	1	26106-060102	BOLT, M6X 10 PLATED	2							
15	1	26106-060162	BOLT, M6X 16 PLATED	2							
16	1	26106-080202	BOLT, M8X 20 PLATED	2							
17	1	177074-06350	HARNESS, WIRE	1							
18	1	120270-77101	SWITCH, SAFETY	1							
18-1	1	120270-77102	SWITCH, SAFETY	1							N
(A=*2007.08.)											
19	1	128391-77700	HARNESS, WIRE 3M	1							Z
(A=E/#E20847)											
20	1	128391-77720	HARNESS, WIRE	1							Z
(A=E/#E20847)											
21	1	164100-23900	HARNESS, CONVERSION	1						W	3
(A=E/#E19426)											
21-1	1	164100-23900	HARNESS, CONVERSION	1						Z	3
(A=E/#E20847)											

Fig.33. WIRE HARNESS & RELAY



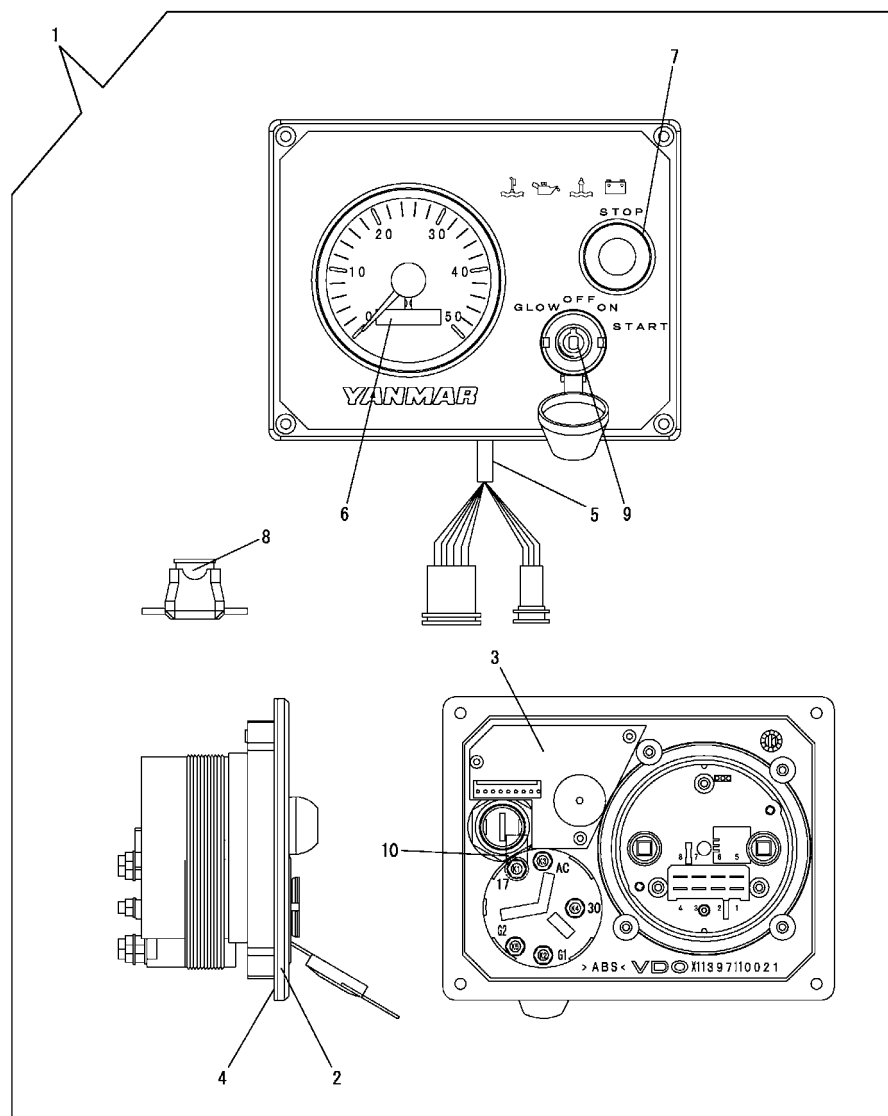
(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
22	1	129672-49050 (A=*2010.12.)	RETAINER, PIPE	1						W	
23	1	164100-23910	HARNESS, CONVERSION	1						W	4
24	1	164100-22820 (A=E/#E20848)	HARNESS, EXT 4M	1						W	
25	1	164100-22830 (A=E/#E20848)	HARNESS, EXT 6M	1						W	
26	1	164100-22840 (A=E/#E20848)	HARNESS, EXT 10M	1						W	
27	1	22157-080000	WASHER, 8	2						W	5
28	1	128990-77940 (A=*2016.12.)	HARNESS,ALT-STARTER	1							
29	1	129677-07450 (A=*2018.17.)	LABEL, BATTERY+	1						W	
30	1	129677-07460 (A=*2018.17.)	LABEL, GROUND-	1						W	
31	1	129670-77030 (A=*2018.17.)	COVER, TERMINAL B	1						W	
32	1	119175-77500 (A=*2018.17.)	BOLT, SPACER	1						W	
33	1	128991-77800 (A=*2018.17.)	COVER	1						W	
34	1	22190-080002 (A=*2018.17.)	WASHER, SEAL 8	1						W	
35	1	22217-080000 (A=*2018.17.)	WASHER, SPRING 8	1						W	
36	1	22217-080000 (A=*2018.17.)	WASHER, SPRING 8	1						W	
37	1	26216-080302 (A=*2018.17.)	STUD, M8X 30	1						W	
38	1	26366-080002 (A=*2018.17.)	NUT, M8	1						W	
39	1	26366-080002 (A=*2018.17.)	NUT, M8	1						W	
40	1	26366-080002 (A=*2018.17.)	NUT, M8	1						W	
41	1	29621-200001 (A=*2017.11.)	BAND, TR200	3						W	

Remarks
* Refer to Fig.42 for the combination of generator, wire harness, and panel.
(1)It is made by YAZAKI.
(2)It is made by DEUTSCH : VALEO generator specification.
(3)For MEDALLION.
(4)For VDO : VALEO generator specification.
(5)No.1-3 & 28 interchangeable by set.

Fig.34. INSTRUMENT PANEL(B-TYPE)(OPTIONAL)



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

Remarks

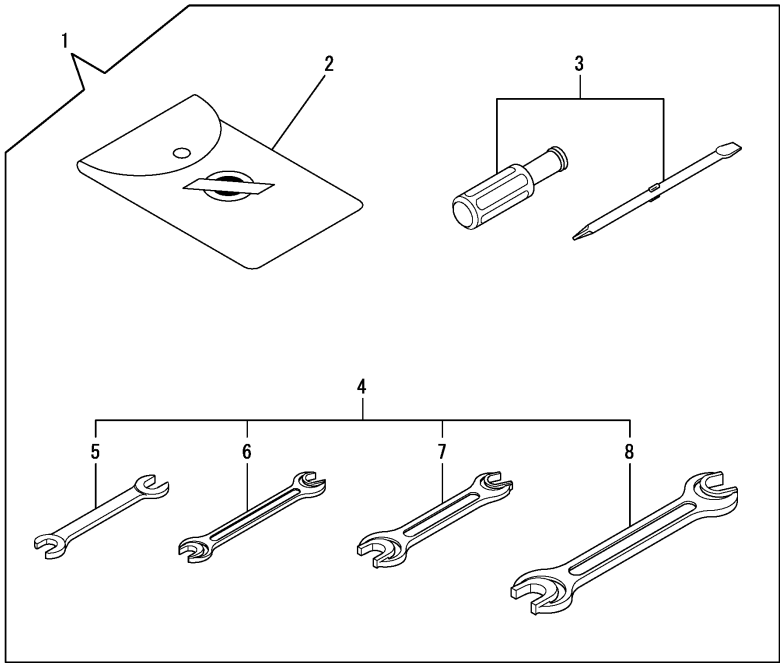
* This item is applicable to [(A)=Dec., 2011] or previous machines(Refer to Fig.40).

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

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

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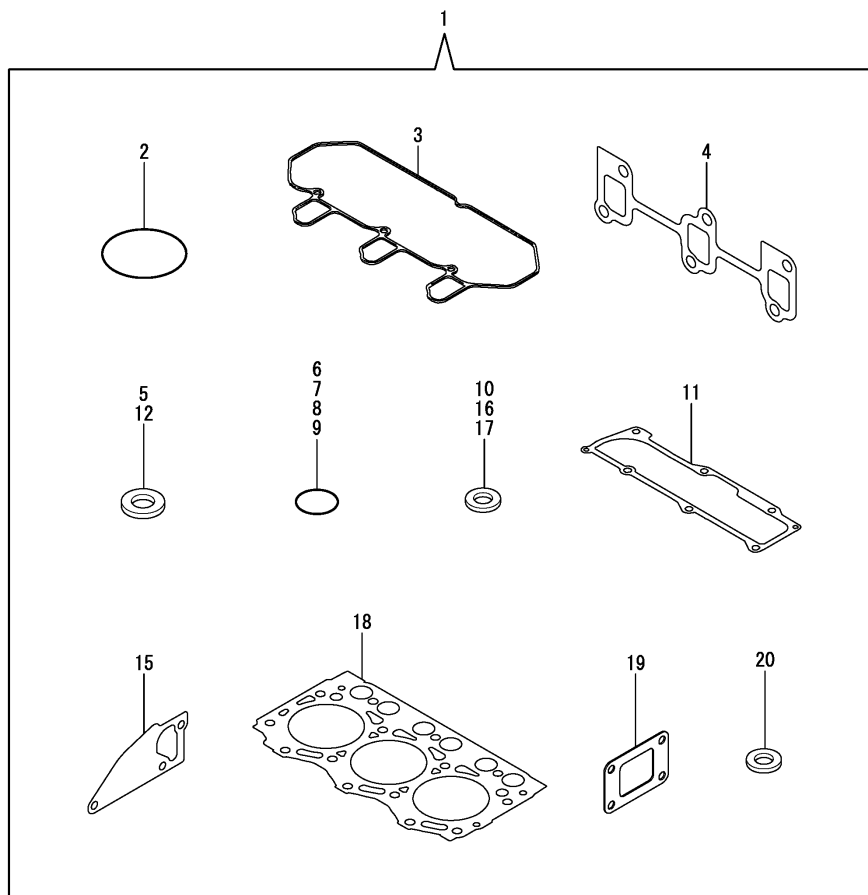
Fig.35. TOOL



(A)=3YM30
(B)=
(C)=

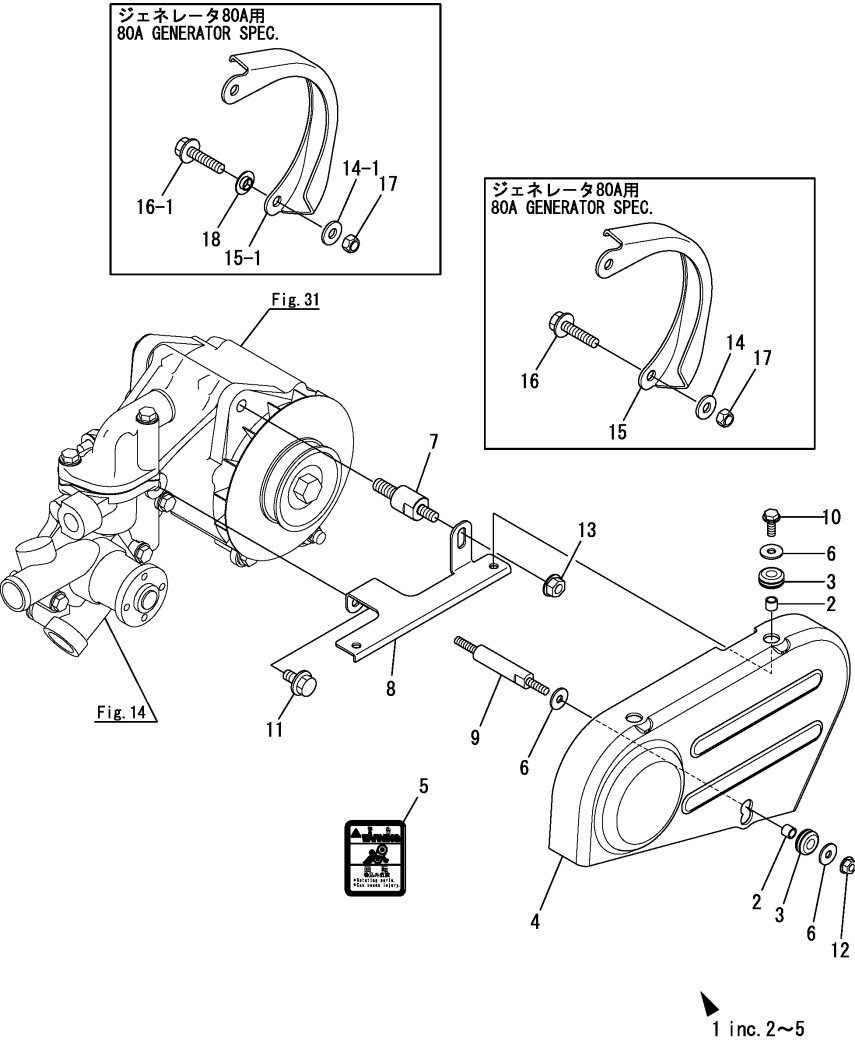
(D)=
(E)=
(F)=

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



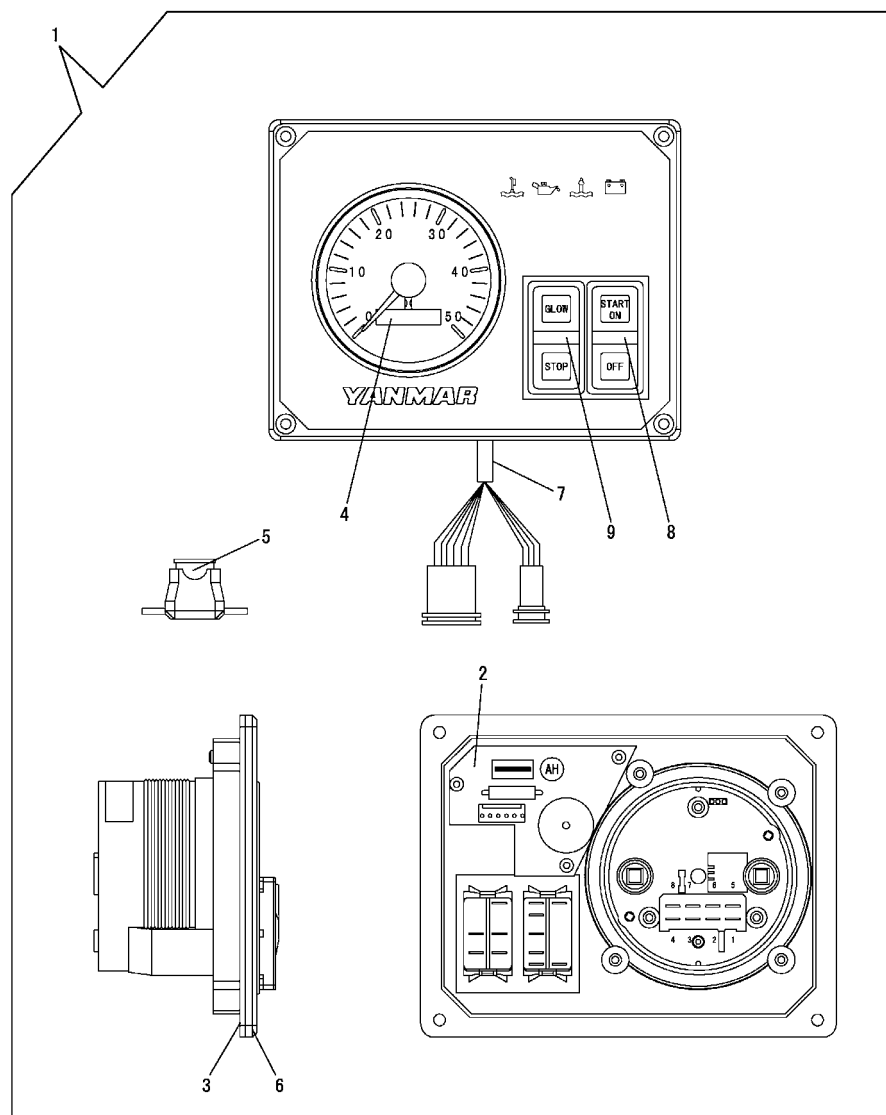
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	728990-92600	GASKET SET	1							
2	2	121850-51960	O-RING, FUEL PUMP	1							
3	2	119718-11310	GASKET, BONNET	1							
4	2	119717-13110	GASKET, MANIFOLD	1							
5	2	22190-080002	WASHER, SEAL 8	4							
6	2	24311-000320	O-RING, 1AP32.0	2							
7	2	119717-32060	O-RING, P15.0	1							
8	2	119624-32040	O-RING, P12.0	1							
9	2	119717-32050	O-RING, P17.0	2							
10	2	119600-11460	GASKET, NOZZLE	6							
11	2	119717-11331	GASKET, BONNET COVER	1							
12	2	22190-160002	WASHER, SEAL 16	1							
15	2	119717-42020	GASKET, WATER PUMP	1							
16	2	23414-080000	GASKET, 8X1.0	1							
17	2	124465-44950	GASKET, 16	1							
18	2	119717-01330	GASKET, HEAD	1							
18-1	2	119717-01331	GASKET, HEAD	1							N
(A=*2011.09.)											
19	2	128370-13201	GASKET, ELBOW A	1							
20	2	129150-49360	GASKET, 10	1							

Fig.37. COVER(V-BELT)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128990-77460	COVER ASSY, BELT	1							W
(A=E/#E14462)											
2	2	128990-77440	COLLAR, BELT COVER	3							
2-1	2	128990-77441	COLLAR, M6	3							N
(A=*2014.06.)											
3	2	120270-67120	GROMMET	3							
3-1	2	128990-77600	GROMMET, M6	3							R
(A=*2005.06.)											
4	2	128990-77480	COVER, V-BELT	1							W
(A=E/#E01671)											
5	2	128377-07350	LABEL, CAUTION	1							W
(A=E/#E14462)											
6	1	128990-77510	WASHER, PLAIN	4							
7	1	128990-77410	BOLT, BELT COVER	1							Z
(A=E/#E20847)											
8	1	128990-77450	BRACKET, COVER	1							
9	1	128990-77470	BOLT, BELT COVER	1							
10	1	26106-060162	BOLT, M6X 16 PLATED	2							
11	1	26106-080162	BOLT, M8X 16 PLATED	1							
12	1	26366-060002	NUT, M6	1							
13	1	26366-080002	NUT, M8	1							
14	1	128990-77500	WASHER, PLAIN	1							
14-1	1	128990-77500	WASHER, PLAIN	2							K
(A=E/#E14462)											
14-2	1	128990-77500	WASHER, PLAIN	2							Z
(A=E/#E20847)											
15	1	128990-77490	COVER	1							W
(A=E/#E01671)											
15-1	1	128990-77491	COVER, ALTERNATOR	1							N
(A=E/#E14462)											
15-2	1	128990-77491	COVER, ALTERNATOR	1							Z
(A=E/#E20847)											
16	1	26106-080352	BOLT, M8X 35 PLATED	1							
16-1	1	26106-080354	BOLT, M8X 35 PLATED	1							N
(A=E/#E14462)											
16-2	1	26106-080354	BOLT, M8X 35 PLATED	1							Z
(A=E/#E20847)											
17	1	26986-080002	NUT, LOCK M8	2							Z
(A=E/#E20847)											
18	1	128990-77540	SPACER	2							W
(A=E/#E14462)											
18-1	1	128990-77540	SPACER	2							Z
(A=E/#E20847)											

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



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

Remarks

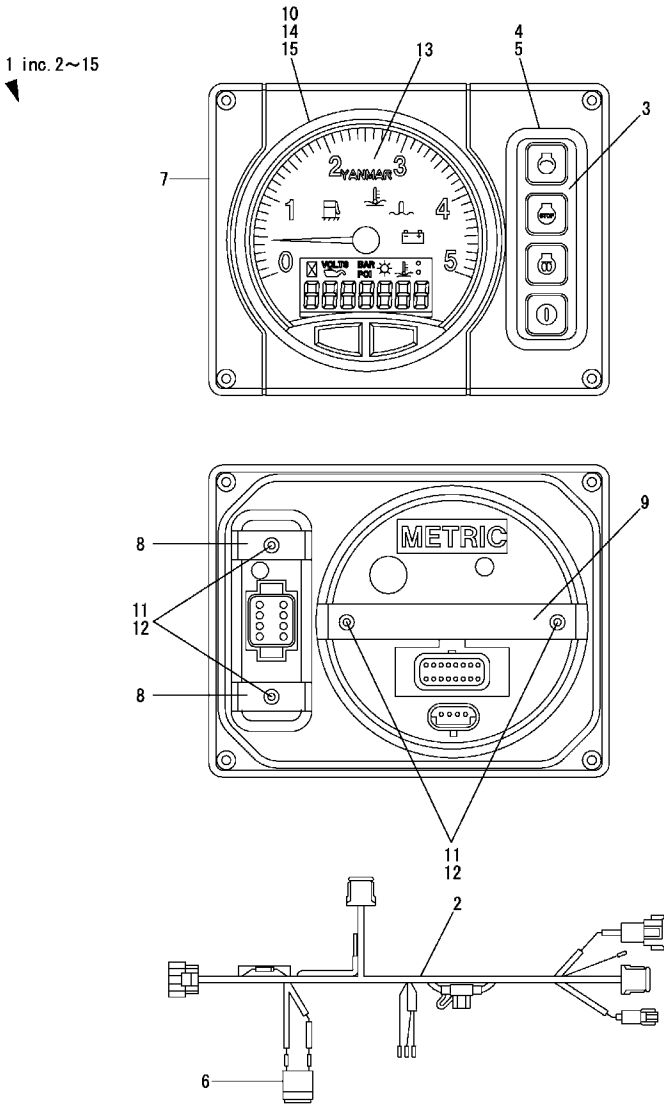
* This item is applicable to [(A)=Dec., 2011] or previous machines(Refer to Fig.40).

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

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

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



(A)=3YM30
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	164100-30100 (A=E/#E19426)	PANEL ASSY, B20	1						W	
1-1	1	164100-30101 (A=*2012.06.)	PANEL ASSY, B20	1						N	
1-2	1	164100-30102 (A=E/#E20848)	PANEL ASSY, B20 MD	1						S	1
1-3	1	164100-30103 (A=*2014.12.)	PANEL ASSY, B20 MD	1						N	
1-4	1	164100-30104 (A=*2016.08.)	PANEL ASSY, B20 MD	1						N	
2	2	164100-21100	HARNESS, PANEL	1							
3	2	164100-31100	SWITCH, PANEL	1							
3-1	2	164100-31101 (A=*2012.06.)	SWITCH, PANEL MD	1						N	
3-2	2	164100-31102 (A=*2016.08.)	SWITCH, PANEL MD	1						N	
4	2	164100-31150	GASKET, SWITCH MD	1							
5	2	164100-31900	BEZEL, SWITCH BK MD	1							
6	2	164100-36100	BUZZER, PANEL	1							
7	2	164100-39100	FRAME, PANEL B	1							
8	2	164100-39120	BRACKET, SWITCH MD	2							
9	2	164100-39130	BRACKET, GAUGE 5	1							
9-1	2	164100-39131 (A=E/#E20848)	BRACKET, GAUGE 5 MD	1						S	1
10	2	164100-39150	CAP, GAUGE TERMINAL	1							
11	2	164100-39180	WASHER, LOCK MD	4							
12	2	164100-39190	NUT, M3.5 MD	4							
13	2	164100-53100	GAUGE, TACHOMETER	1							
13-1	2	164100-53101 (A=*2012.06.)	GAUGE, TACH LCD 5 MD	1						N	
13-2	2	164100-53102 (A=E/#E20848)	GAUGE, TACH LCD 5 MD	1						S	1
13-3	2	164100-53103 (A=*2014.12.)	GAUGE, TACHOMETER	1						N	
14	2	164100-53150	GASKET, GAUGE 5 MD	1							
15	2	164100-53900	BEZEL, GAUGE 5 BK MD	1							

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

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

(A)=3YM30
(B)=
(C)=
(D)=
(E)=
(F)=

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

● : 標準 STANDARD , ○ : オプション OPTION

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	128271-77200	GENERATOR, 12V-60A	1							
2	1	119573-77201	ALTERNATOR, 12V-80A	1							
3	1	128990-77250	ALTERNATOR, 12V-125A	1							
10	1	128990-77920	HARNESS, WIRE	1							
11	1	128990-77921	HARNESS, ENGINE	1							
20	1	128391-77700	HARNESS, WIRE 3M	1							
21	1	128391-77720	HARNESS, WIRE	1							
22	1	164100-22820	HARNESS, EXT 4M	1							
23	1	164100-22830	HARNESS, EXT 6M	1							
30	1	164100-23900	HARNESS, CONVERSION	1							
40	1	129271-91113	PANEL, INSTRUMENT B	1							
41	1	129271-91302	PANEL, KEYLESS B	1							
42	1	164100-30101	PANEL ASSY, B20	1							
43	1	164100-30102	PANEL ASSY, B20 MD	1							

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Parts No.	Fig. No.	Ref. No.
101304-59020	23	43
101720-55750	24	8
103854-39140	23	42
104214-13580	8	10
		22
104214-83980	29	13
104264-59020	24	15
104500-55710	24	5
104511-78780	13	26 -1
105010-11490	6	5
105100-55501	33	5
105100-55540	33	6
105311-01090	1	7
105430-55041	25	8
105583-85900	29	12
110250-55610	24	4
114250-39450	12	6
118200-53010	23	2
118400-51370	20	56
119125-51370	20	56 -1
119125-51900	20	90 -1
119129-77250	32	14
119129-77260	32	15
119129-77320	32	3
119129-77890	32	20
119129-77900	32	21
119129-77930	32	19
119172-59201	24	16
119175-77500	33	32
119247-77100	33	7
119285-01990	1	9
119285-11990	6	14
119285-66650	21	139
119305-35170	12	2
119515-23001	10	24 -1
119515-53000	23	1
119515-53001	23	1 -1
119515-53010	23	3
119515-61440	21	20 -1
119527-61700	21	129 -1
119573-77201	32	1
	42	2
119600-11460	6	4
	36	10
119620-01750	3	4
119620-01800	2	9
119620-02020	1	10
119620-11280	6	29
119620-14200	9	1
119620-21941	10	14

Parts No.	Fig. No.	Ref. No.
119620-49290	14	29
119620-59700	23	31
119621-21680	10	13
119621-21681	10	13 -1
119623-01250	1	8
119624-32040	2	19
	36	8
119660-01911	2	18
119660-61300	21	76
119660-61901	21	65
119717-01330	1	31
	36	18
119717-01331	1	31 -1
	36	18 -1
119717-01501	2	1
119717-01521	2	6
119717-01570	2	3
119717-01720	3	7
119717-01750	2	31
119717-02410	1	13
119717-02411	1	13 -1
119717-02930	1	27 -1
119717-03031	6	39
119717-03070	6	40
		41
119717-11100	6	16
119717-11101	6	16 -1
119717-11110	6	17
119717-11131	6	18
119717-11190	6	20
119717-11200	6	24
119717-11240	6	25
119717-11260	6	28
119717-11320	6	50
119717-11331	6	51
	36	11
119717-11340	6	21
119717-11350	6	22
119717-11381	6	38
119717-11650	6	30
119717-11740	6	6
119717-11800	6	12
119717-13110	15	1
	36	4
119717-14400	9	2
119717-14580	9	3
119717-14581	9	3 -1
119717-21700	10	1
119717-22300	10	22
119717-22500	10	18

Parts No.	Fig. No.	Ref. No.
119717-22550	10	34
119717-23000	10	24
119717-23200	10	28
119717-23600	10	29
119717-23601	10	29 -1
119717-23610	10	40
119717-23611	10	40 -1
119717-23910	10	27
119717-25050	9	10
119717-25100	9	11
119717-25101	9	11 -1
119717-25930	9	16
119717-32050	2	20
	36	9
119717-32060	12	3
	36	7
119717-32080	2	11
119717-32100	2	10
119717-32110	2	15
119717-32120	2	16
119717-35140	12	1 -1
119717-39210	12	7
119717-42002	14	1
119717-42020	14	13
	36	15
119717-42031	14	4
119717-42041	14	3
119717-42320	14	11
119717-51030	20	6
119717-51060	20	7
119717-51070	20	8
119717-51150	20	14
119717-51180	20	16
119717-51190	20	17
119717-51200	20	18
119717-51420	20	88
119717-51480	20	94
119717-51481	20	94 -1
119717-51490	20	95
119717-51491	20	95 -1
119717-51500	20	66
119717-51570	20	16 -1
119717-51710	20	77
119717-51711	20	77 -1
119717-51750	20	78
119717-51760	20	79
119717-51761	20	79 -1
119717-51860	20	92 -1
119717-51930	21	68 -1
119717-59510	23	22

Parts No.	Fig. No.	Ref. No.
119717-59810	23	9
119717-59820	23	13
119717-59830	23	17
119717-61050	21	2
119717-61060	21	3
119717-61070	21	4
119717-61100	21	5
119717-61120	21	8
119717-61130	21	9
119717-61140	21	10
119717-61150	21	10 A
119717-61200	21	72
119717-61201	21	72 -1
119717-61400	21	13
119717-61440	21	20
119717-61500	21	29
119717-77800	6	58
119717-77801	6	58 -1
119718-11310	6	49
	36	3
119718-22080	10	16
119718-22090	10	32
119740-42350	14	26
119740-51100	20	10
119740-61470	21	87 -1
119773-59511	23	29
119802-03100	6	42
119802-03110	6	43
119802-03121	6	44
119802-03131	6	45
119802-03141	6	46
119802-32130	2	17
119810-01200	1	30
119810-02930	1	27
119810-02940	1	32
119810-02941	1	32 -1
119813-59950	23	32
119831-42290	31	8
	32	23
119840-59570	23	21
119C10-42320	14	11 -1
119E10-42000	14	1 -1
120270-67120	37	3
120270-77101	33	18
120270-77102	33	18 -1
120270-77511	33	9
121111-21501	10	7
121120-01620	3	3
121370-55601	24	3 -1
121370-55730	24	7

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Parts No.	Fig. No.	Ref. No.
121450-42450	3	10
	14	23 -1
121574-86320	26	14
	28	2
121575-49310	16	4
	33	3 -1
		3 -2
121575-66830	21	21 -1
121750-59890	24	21
121850-51960	2	21
	36	2
122710-51090	20	9
123310-77640	30	26
123682-07852	5	5 A
123900-77700	31	2
123900-77730	31	5
124060-01050	1	6
124070-13300	8	7
		19
124070-13520	8	6
124070-42400	13	22
124070-59060	25	1
124070-59130	25	2
124070-77950	33	3
124080-77390	32	10
124080-77520	32	12
124085-02220	3	5
124101-49530	14	17
124160-01751	2	29
	6	37
124160-01910	1	5
124195-77770	30	23
124223-49050	16	6
124465-44950	3	13
	14	21
		22
		32
		36
	36	17
124550-51350	20	49
124550-77030	30	25
124770-77940	33	2
124950-21600	10	11
124976-34850	11	7
127412-91250	34	9
128170-13600	8	3
128170-86501	26	12
128171-81510	27	2
128171-81520	27	1
128171-81530	27	3

Parts No.	Fig. No.	Ref. No.
128270-12540	7	5
128271-77200	31	1
	42	1
128271-77720	31	4
128271-77740	31	6
128271-77750	31	7
128275-39710	12	12
128296-07190	5	11
128296-07400	5	12
128296-07420	5	13
128296-07450	5	14
128296-07460	5	15
128370-13201	8	1
		5
		16
	36	19
128370-13600	8	5 A
128370-13610	8	11
128370-59040	23	40
128377-07150	5	4
128377-07260	5	2
128377-07350	5	5 C
	37	5
128377-08120	4	3
128377-08130	4	4
128377-08340	4	7
128377-08341	4	7 -1
128377-08350	4	8
		9
128377-08351	4	8 -1
		9 -1
128391-77700	33	19
	42	20
128391-77720	33	20
	42	21
128397-13530	8	2
128397-44500	15	22
128397-44510	15	24
128890-13530	8	2 -1
128990-01600	3	2
128990-01650	3	2 -1
128990-01750	3	9
128990-07270	5	2 -1
128990-07900	5	1
128990-07910	6	1 -1
128990-08100	4	1
128990-08110	4	2
128990-08140	4	10
128990-08150	4	11
128990-12210	7	1

Parts No.	Fig. No.	Ref. No.
128990-12500	7	2
128990-13510	8	17
128990-13520	8	18
128990-13610	8	23
128990-21590	10	8
128990-21650	10	12
128990-21670	10	44
128990-21671	10	44 -1
128990-34850	11	1
128990-34860	11	2
128990-34900	5	5 B
128990-35080	12	4
128990-42150	13	21
128990-42151	13	21 -1
128990-42160	13	23
128990-42170	13	24
128990-42180	13	25
128990-42260	14	25
128990-42350	14	43
128990-42351	14	43 -1
128990-42500	13	1
128990-42510	13	1 -1
128990-42520	13	20
128990-42550	13	3
128990-42560	13	8
128990-42570	13	17
128990-44070	15	10
128990-44071	15	10 -1
128990-44080	15	11
128990-44081	15	11 -1
128990-44090	15	14
128990-44100	15	15
128990-44110	15	16
128990-44120	15	17
128990-44130	15	18
128990-44400	15	19
128990-44401	15	19 -1
128990-44500	14	24 -1
128990-44900	15	2
128990-44901	15	2 -1
128990-49010	16	1
128990-49011	16	1 -1
128990-49020	16	3
128990-49021	16	3 -1
128990-49030	3	20
128990-49040	8	12
128990-49050	17	1
128990-49051	17	1 -1
128990-49060	17	3
128990-49070	17	3 -1

Parts No.	Fig. No.	Ref. No.
128990-49090	8	24
128990-49110	16	2
	17	2
128990-49150	17	4
128990-49161	17	7
		7 -1
128990-49170	17	8
		8 -1
128990-49190	17	11
128990-49320	14	33
		37
128990-49330	14	34
128990-49350	14	38
128990-49351	14	38 -1
128990-49360	14	39
128990-49370	14	40
128990-49380	14	41
128990-49390	14	42
128990-49391	14	42 -1
128990-49400	14	41 -1
128990-49800	14	18
128990-51190	20	45
128990-51200	20	18 -1
128990-51201	20	18 -2
128990-51300	20	45 -1
128990-51330	20	48
128990-55010	24	1
128990-55011	24	1 -1
128990-55600	24	3
128990-59040	23	40 -1
128990-59131	25	2 -1
128990-59150	24	11
128990-59200	24	16 -1
128990-59510	23	29 -1
128990-59530	24	12
128990-59540	24	17 -1
128990-59700	25	1 -1
128990-59890	17	12
	24	21 -1
128990-61560	21	96
128990-67150	26	1
128990-77250	41	19
	42	3
	43	1
128990-77310	31	9
	32	24
	41	2
128990-77320	41	3
128990-77330	31	10
	32	25

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Parts No.	Fig. No.	Ref. No.
128990-77341	41	4
128990-77350	13	26
128990-77400	33	8
128990-77410	37	7
	41	5
128990-77430	33	6 -1
128990-77440	37	2
128990-77441	37	2 -1
128990-77450	37	8
128990-77460	37	1
128990-77470	37	9
128990-77480	37	4
128990-77490	37	15
128990-77491	37	15 -1
		15 -2
128990-77500	37	14
		14 -1
		14 -2
128990-77510	37	6
128990-77540	37	18
		18 -1
128990-77550	33	9 -1
128990-77580	41	1
128990-77600	37	3 -1
128990-77610	33	5 -1
128990-77700	43	2
128990-77730	43	3
128990-77770	43	4
128990-77780	43	5
128990-77820	6	59
128990-77900	33	1
128990-77910	33	10
128990-77911	33	10 -1
128990-77920	33	1 -1
	42	10
128990-77921	33	1 -2
	42	11
128990-77922	33	1 -3
128990-77940	33	28
128990-81150	3	21
128990-86300	28	1
128990-86310	28	1 -1
128990-86350	28	7
128991-77800	33	33
129001-32320	2	13
129001-32330	2	14
129005-59830	12	8
129008-61301	21	76 -1
129051-49310	14	37 -1
129052-61390	21	12

Parts No.	Fig. No.	Ref. No.
129100-01580	3	1
	10	2
129100-35140	12	1
129100-51570	20	72
129100-61650	21	59
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