

0CE10-M27001EN

P R E F A C E

This parts catalog is the 2nd edition of YPU23V, YPU35V, YPU45V & YPU23V-1.

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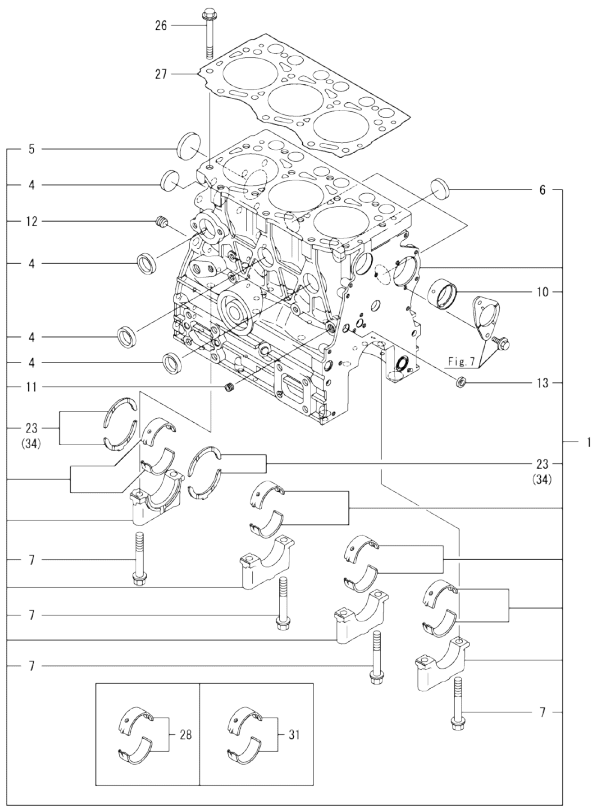
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65.	GENERATOR		
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Fig.1. CYLINDER BLOCK

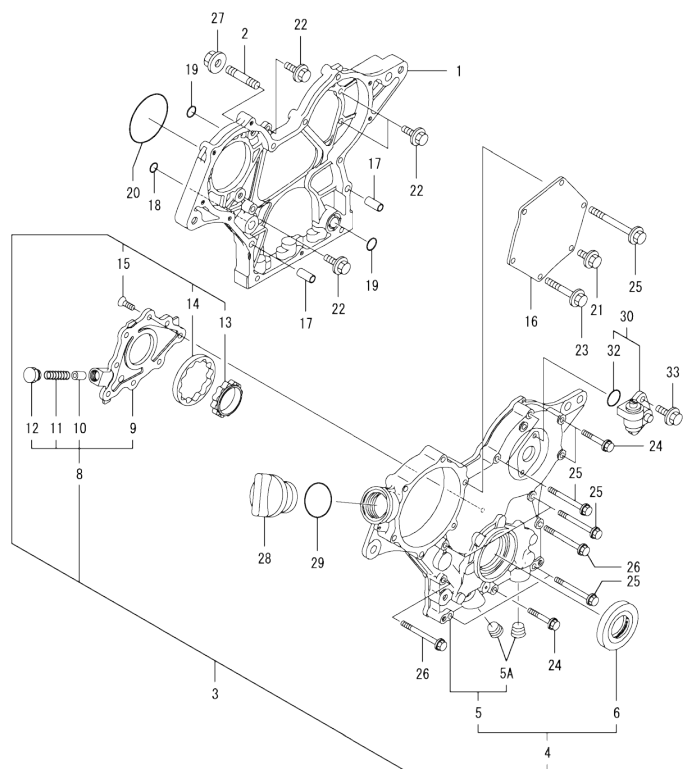


Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=YPU23V
(B)=YPU23V-1
(C)=

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

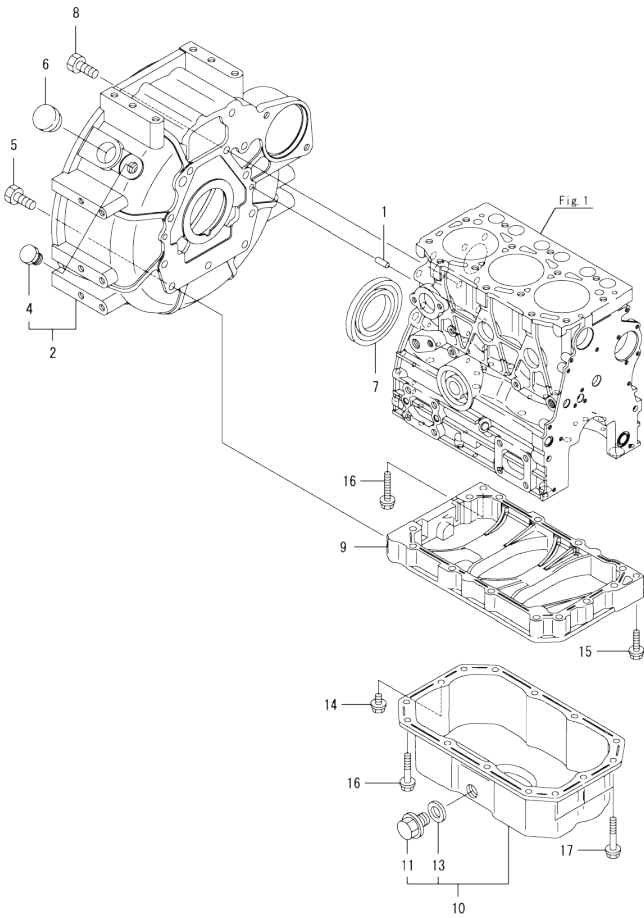
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-01561	BLOCK ASSY, CYLINDER	1	1						
4	2	105311-01090	PLUG, 30	4	4						
5	2	119623-01250	PLUG, 45	1	1						
6	2	119285-01990	PLUG, 25	3	3						
7	2	119620-02020	BOLT, METAL CAP	8	8						
10	2	119717-02411	BUSH, CAMSHAFT	1	1						
11	2	124060-01050	PLUG, PT1/8	1	1						
12	2	124160-01910	PLUG, PT1/4	1	1						
13	2	27241-120000	PLUG, 12	1	1						
23	2	119717-02930	METAL ASSY, THRUST	2	2						
26	1	119810-01200	BOLT, CYLINDER HEAD	14	14						
27	1	119717-01330	GASKET, HEAD	1							
27-1	1	119717-01331	GASKET, HEAD	1	1					N	
(A=EA3662)											
28	1	719717-02901	METAL ASSY, MAIN	4	4						1
31	1	719717-02911	METAL ASSY, MAIN .25	4	4						2
34	1	119810-02941	METAL ASSY, 0.25 OS	2	2						3



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1	1						
2	1	119717-01570	STUD	3	3						
3	1	119734-01580	COVER ASSY, CASE	1	1						
4	2	719734-01510	COVER ASSY, CASE	1	1						
5	3	119744-01521	COVER, GEAR CASE	1	1						
5A	4	23876-030000	PLUG, R03	2	2						
6	3	119717-01800	SEAL, OIL	1	1						
8	2	119717-32100	COVER ASSY, PUMP	1	1						
9	3	119717-32080	COVER, OIL PUMP	1	1						
10	3	129900-32130	VALVE, RELIEF	1	1						
11	3	129001-32320	SPRING	1	1						
12	3	129001-32330	PLUG	1	1						
13	2	119717-32110	ROTOR, INNER	1	1						
14	2	119717-32120	ROTOR, OUTER	1	1						
15	2	119802-32130	SCREW, M6X16	8	8						
16	1	119717-01750	COVER, PUMP	1	1						
17	1	119660-01911	PIPE, KNOCK 6X17	4	4						
18	1	119624-32040	O-RING, P12.0	1	1						
19	1	119717-32050	O-RING, P17.0	3	3						
20	1	121850-51960	O-RING, FUEL PUMP	1	1						
21	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
22	1	26106-060162	BOLT, M6X 16 PLATED	4	4						
23	1	26106-060402	BOLT, M6X 40 PLATED	4	4						
24	1	26106-060402	BOLT, M6X 40 PLATED	3	3						
25	1	26106-060602	BOLT, M6X 60 PLATED	7	7						
26	1	26106-060652	BOLT, M6X 65 PLATED	2	2						
27	1	26306-080002	NUT, M8	3	3						
28	1	124160-01751	CAP, FILLER	1	1						
29	1	24311-000320	O-RING, 1AP32.0	1	1						
30	1	129150-91400	GEAR, TACHOMETER	1	1						
32	2	24341-000240	O-RING, 1AS24.0	1	1						
33	1	26106-060162	BOLT, M6X 16 PLATED	2	2						

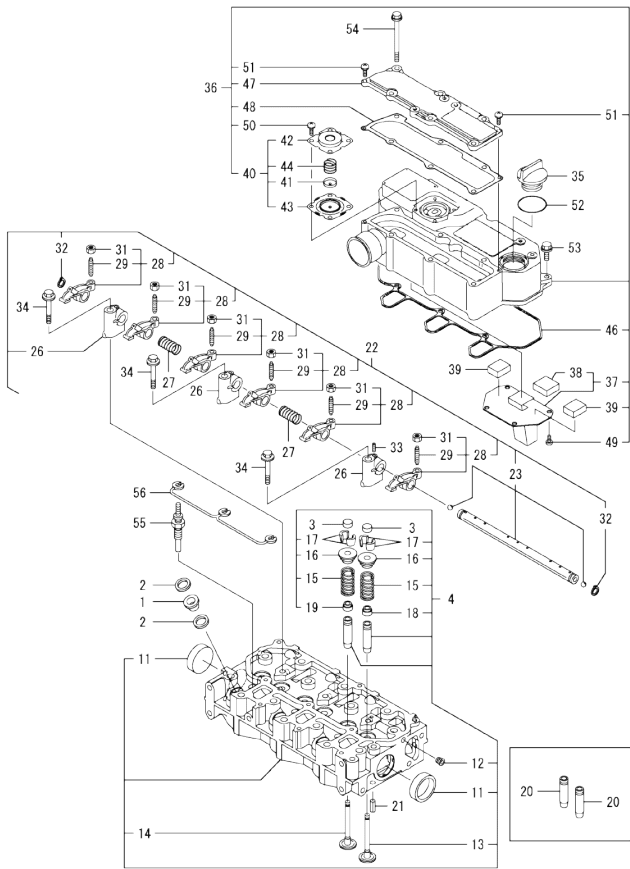
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Fig.3. FLYWHEEL HOUSING & OIL SUMP



										OCE10-M27001		Fig.3					
										(A)=YPU23V		(D)=					
										(B)=YPU23V-1		(E)=					
										(C)=		(F)=					
										Q'ty							
										(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, PARALLEL 8X16							2	2						
2	1	119717-01611	HOUSING, FLYWHEEL							1	1						
4	2	129486-35210	PLUG, 3/4-16UNF							1							
4-1	2	119888-01850	PLUG, RUBBER 19							1	1					N	
		(A=E71200)															
5	1	121120-01620	BOLT, M10X28							3							
5-1	1	26206-100302	BOLT, M10X 30 PLATED							3	3					R	
		(A=E66679)															
6	1	119620-01750	CAP. WHEEL COVER							1	1						
7	1	124085-02220	SEAL, METAL HOUSING							1	1						
8	1	26206-100252	BOLT, M10X 25 PLATED							8	8						
9	1	119717-01720	SPACER, OIL PAN							1	1						
10	1	119717-01770	OIL PAN ASSY							1	1						
11	2	105425-01690	PLUG, DRAIN M16							1	1						
13	2	22190-160002	WASHER, SEAL 16							1	1						
14	1	26106-080122	BOLT, M8X 12 PLATED							1	1						
15	1	26106-080302	BOLT, M8X 30 PLATED							1	1						
16	1	26106-080452	BOLT, M8X 45 PLATED							11	11						
17	1	26106-080502	BOLT, M8X 50 PLATED							3	3						

Fig.4. CYLINDER HEAD & BONNET

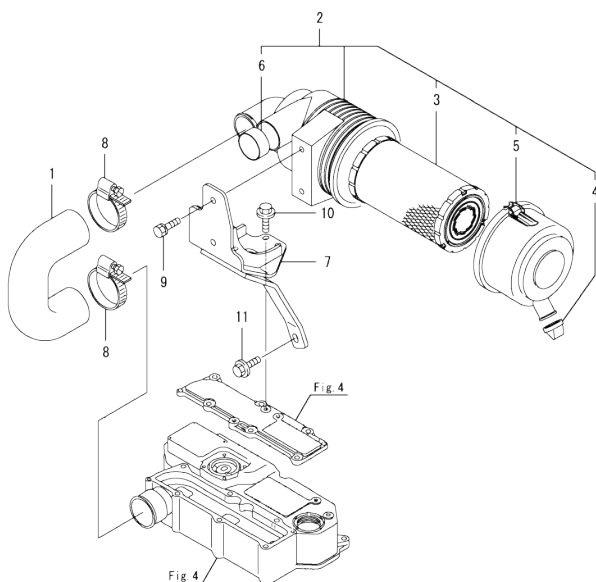


Remarks
(1)Spare parts.

(A)=YPU23V
(B)=YPU23V-1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3	3						
2	1	119600-11460	GASKET, NOZZLE	6	6						
3	1	105010-11490	CAP, VALVE	6	6						
4	1	119717-11740	HEAD ASSY, CYLINDER	1	1						
11	2	119285-11990	PLUG, 35	2	2						
12	2	23876-005000	PLUG, R005	1	1						
13	2	119717-11101	VALVE, INTAKE	3	3						
14	2	119717-11110	VALVE, EXHAUST	3	3						
15	2	119717-11131	SPRING, VALVE	6	6						
16	2	129508-11180	RETAINER, SPRING	6	6						
17	2	119717-11190	COTTER, VALVE	12	12						
18	2	119717-11340	SEAL, VALVE STEM	3	3						
19	2	119717-11350	SEAL, VALVE STEM	3	3						
20	1	119717-11800	GUIDE, VALVE	6	6						1
21	1	22351-060012	PIN, SPRING 6.0X12	2	2						
22	1	119717-11200	SUPPORT ASSY, ROCKER	1	1						
23	2	119717-11240	SHAFT ASSY, ARM	1	1						
26	2	119717-11260	SUPPORT, ROCKER ARM	3	3						
27	2	119620-11280	SPRING, SHAFT	2	2						
28	2	119717-11650	ARM ASSY, ROCKER INT	6	6						
29	3	129150-11230	SCREW, VALVE ADJUST	6	6						
31	3	129150-11750	NUT, M8XP1.0	6	6						
32	2	22242-000120	RING, 12	2	2						
33	2	119260-11270	SCREW	1	1						
34	1	26106-080402	BOLT, M8X 40 PLATED	3	3						
35	1	124160-01751	CAP, FILLER	1	1						
36	1	119717-11381	BONNET ASSY, HEAD	1	1						
37	2	119717-03031	PLATE, BAFFLE	1	1						
38	3	119717-03070	BAFFLE, BREATHER	1	1						
39	2	119717-03070	BAFFLE, BREATHER	2	2						
40	2	119802-03100	DIAPHRAGM ASSY	1	1						
41	3	119802-03110	PLATE, DIAPHRAGM	1	1						
42	3	119802-03121	COVER, DIAPHRAGM	1	1						
43	3	119802-03131	DIAPHRAGM, BREATHER	1	1						
44	3	119802-03141	SPRING, DIAPHRAGM	1	1						
46	2	119718-11310	GASKET, BONNET	1	1						
47	2	119717-11320	COVER, BONNET	1	1						
48	2	119717-11331	GASKET, BONNET COVER	1	1						
49	2	22857-500100	SCREW, 5X10	4	4						
50	2	22857-500100	SCREW, 5X10	4	4						
51	2	22857-500160	SCREW, 5X16	2	2						
52	1	24311-000320	O-RING, 1AP32.0	1	1						
53	1	26106-060202	BOLT, M6X 20 PLATED	3	3						
54	1	26106-060752	BOLT, M6X 75 PLATED	6	6						
55	1	119717-77800	PLUG, GLOW	3	3						
55-1	1	119717-77801	PLUG, GLOW	3	3						N
(A=EB2878)											
56	1	119717-77820	CONNECTOR, GLOW PLUG	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	119761-12020	HOSE, AIR INTAKE	1	1					
2	1	119515-12501	CLEANER ASSY, AIR	1	1					
3	2	119515-12520	ELEMENT, AIR CLEANER	1						
3-1	2	119655-12560 (A=E72325)	ELEMENT, AIR CLEANER	1	1					N
4	2	119808-12540	VALVE, UNLODER	1	1					
5	2	119336-12570	COVER ASSY, CLEANER	1	1					
6	2	105027-12580	RING, VALVE	1	1					
7	1	119761-12540	SUPPORT, CLEANER	1	1					
8	1	23000-054000	CLAMP, 54	2	2					
9	1	26013-080222	BOLT, M8X 22	2	2					
10	1	26106-060142	BOLT, M6X 14 PLATED	3	3					
11	1	26106-080162	BOLT, M8X 16 PLATED	1	1					

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

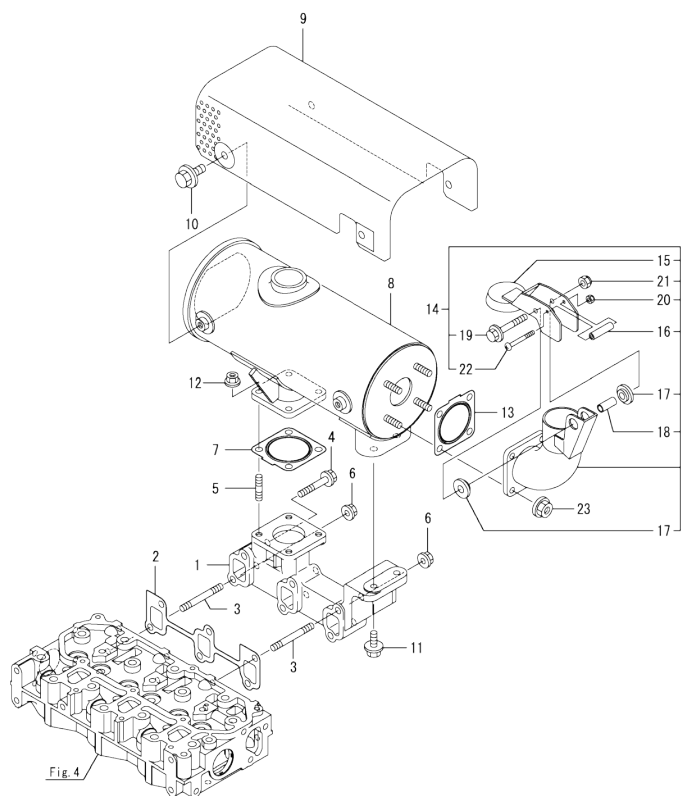
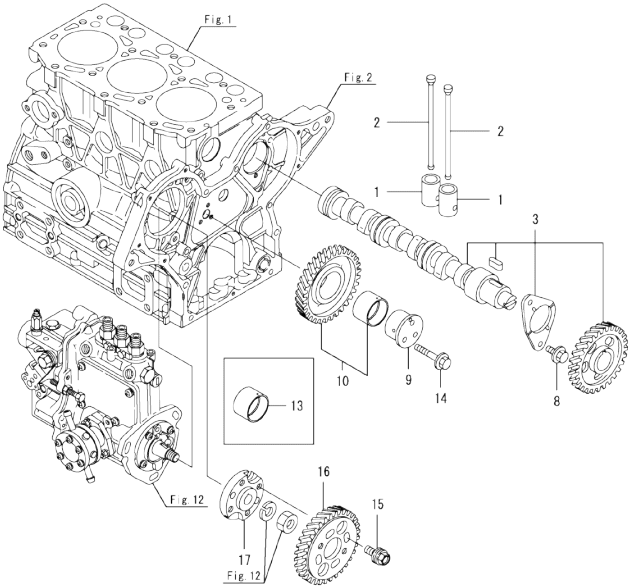


Fig. 4.4

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1		119746-13100	MANIFOLD, EXHAUST	1	1						
2		119717-13110	GASKET, MANIFOLD	1	1						
3		119717-13600	STUD, M8X50	2	2						
4		119802-13620	BOLT, M8X50	4							
4-1		129E00-13610	BOLT, M8X50 10.9	4	4					N	
(A)=EG3803)											
5		119131-18320	STUD, M8X22	4	4						
6		26306-080002	NUT, M8	2	2						
7		119515-13200	GASKET, SILENCER	1	1						
8		119717-13510	SILENCER, M130D-S-H	1	1						
9		119888-13600	COVER, SILENCER	1	1						
10		26106-080122	BOLT, M8X 12 PLATED	4	4						
11		26106-080252	BOLT, M8X 25 PLATED	2	2						
12		26306-080002	NUT, M8	4	4						
13		119515-13200	GASKET, SILENCER	1	1						
14		129005-13600	PIPE ASSY, TAIL	1	1						
15		219358-13640	CAP, RAIN	1	1						
16		218555-13821	SPACER, A	1	1						
17		218555-13830	SPACER, B	2	2						
18		213500-13840	SPACER, C	1	1						
19		26106-060402	BOLT, M6X 40 PLATED	1	1						
20		26347-040002	NUT, M4	1	1						
21		26347-060002	NUT, M6	1	1						
22		26557-040352	SCREW, M4X35	1	1						
23		26306-080002	NUT, M8	4	4						

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Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Spare parts.

OCE10-M27001 Fig.7

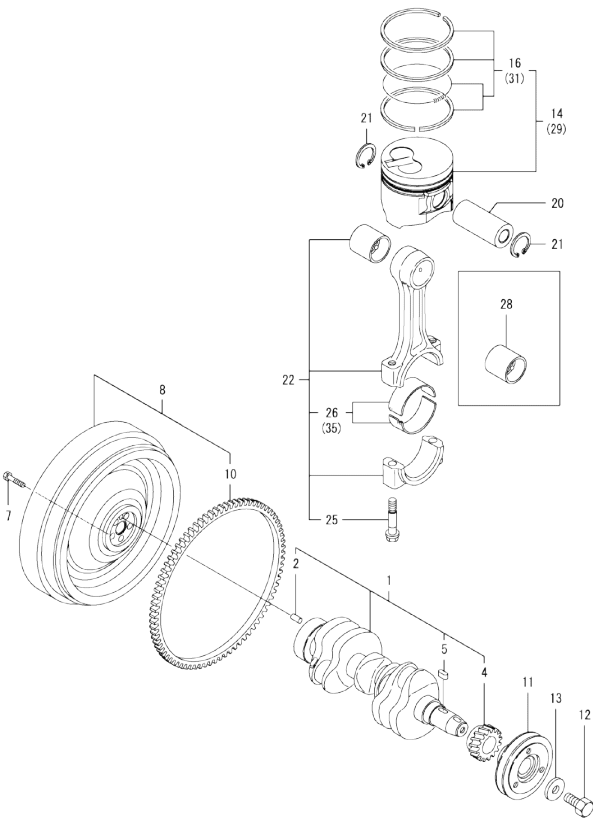
(A)=YPU23V
(B)=YPU23V-1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6	6						
2	1	119717-14400	ROD, PUSH	6	6						
3	1	119717-14581	CAMSHAFT ASSY	1	1						
8	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
9	1	119717-25050	SHAFT, IDLE GEAR	1	1						
10	1	119717-25101	GEAR ASSY, IDLE	1	1						
13	1	119717-25911	BUSH, IDLE GEAR	1	1						1
14	1	26106-060352	BOLT, M6X 35 PLATED	3	3						
15	1	129150-25301	BOLT, INJECTION PUMP	4	4						
16	1	119717-25930	GEAR, PUMP	1	1						
17	1	119717-51150	FLANGE, CAMSHAFT	1	1						

N:Old $\frac{YHS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YHS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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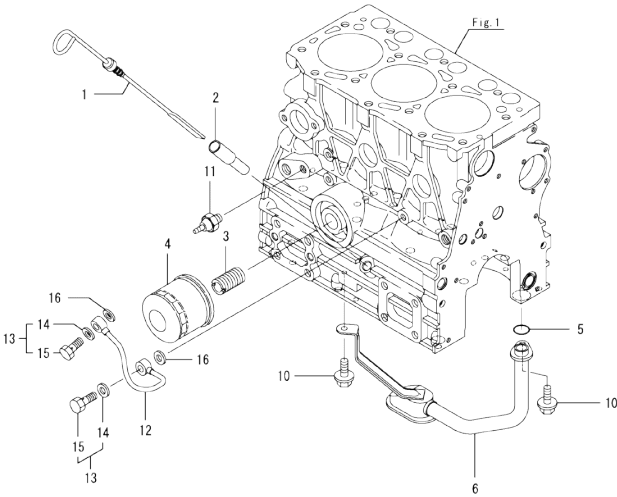
OCE10-M27001 YPU23V/YPU23V-1
Fig.8. CRANKSHAFT & PISTON



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

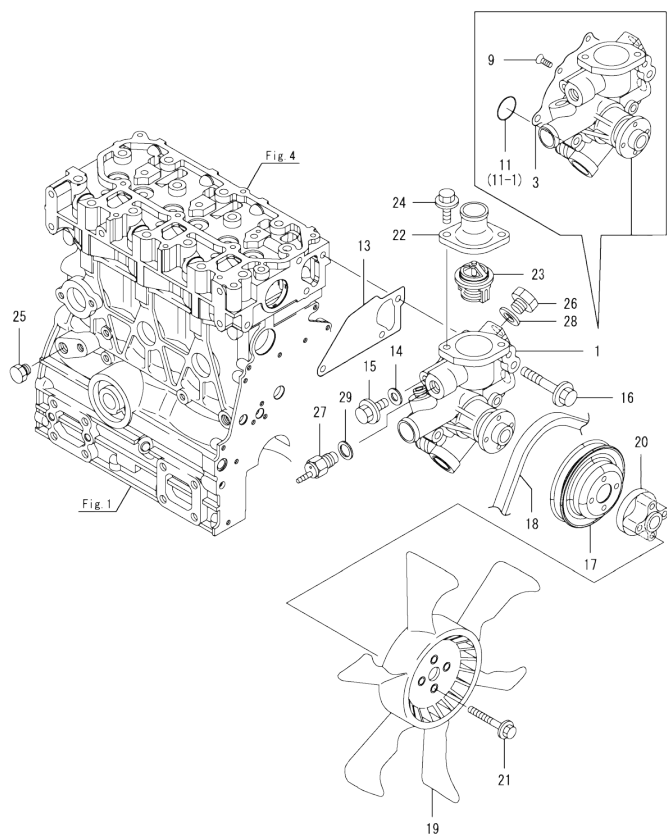
OCE10-M27001 Fig.8									
(A)=YPU23V (B)=YPU23V-1 (C)=									
(D)= (E)= (F)=									
Q'ty									
(A) (B) (C) (D) (E) (F)									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119717-21700	CRANKSHAFT ASSY	1	1				
2	2	129100-01580	PIN, PARALLEL 8X16	1	1				
4	2	119717-21200	GEAR, CRANKSHAFT	1	1				
5	2	22512-040120	KEY, 4X 12	1	1				
7	1	121111-21501	BOLT, FLYWHEEL	5	5				
8	1	119746-21570	FLYWHEEL ASSY	1	1				
10	2	119865-21600	GEAR, RING Z=116	1	1				
11	1	119717-21650	V-PULLEY, CRANKSHAFT	1	1				
12	1	119621-21680	BOLT, FLANGE 12X1.25	1					
12-1	1	119621-21681	BOLT, FLANGE 12X1.25	1	1				R
(A=E69273)									
13	1	119620-21941	WASHER, 12	1	1				
14	1	119717-22080	PISTON ASSY	3	3				
16	2	119717-22500	RING SET, PISTON	3	3				
20	1	119717-22300	PIN, PISTON	3	3				
21	1	22252-000220	RING, 22	6	6				
22	1	119717-23000	ROD ASSY, CONNECTING	3					
22-1	1	119717-23001	ROD ASSY, CONNECTING	3	3				R
(A=EQ5763)									
25	2	119717-23200	BOLT, CONNECTING ROD	6	6				
26	2	119717-23601	METAL ASSY,CRANK PIN	3	3				
28	1	119717-23910	METAL, PISTON PIN	3					1
28-1	1	119717-23911	BUSH, PISTON PIN	3	3				N 1
(A=EQ5763)									
29	1	119717-22900	PISTON ASSY, 0.25 OS	3	3				3
31	2	119717-22550	RING SET, PISTON .25	3	3				3
35	1	119717-23611	METAL ASSY, PIN .25	3	3				2

Fig.9. LUB. OIL SYSTEM



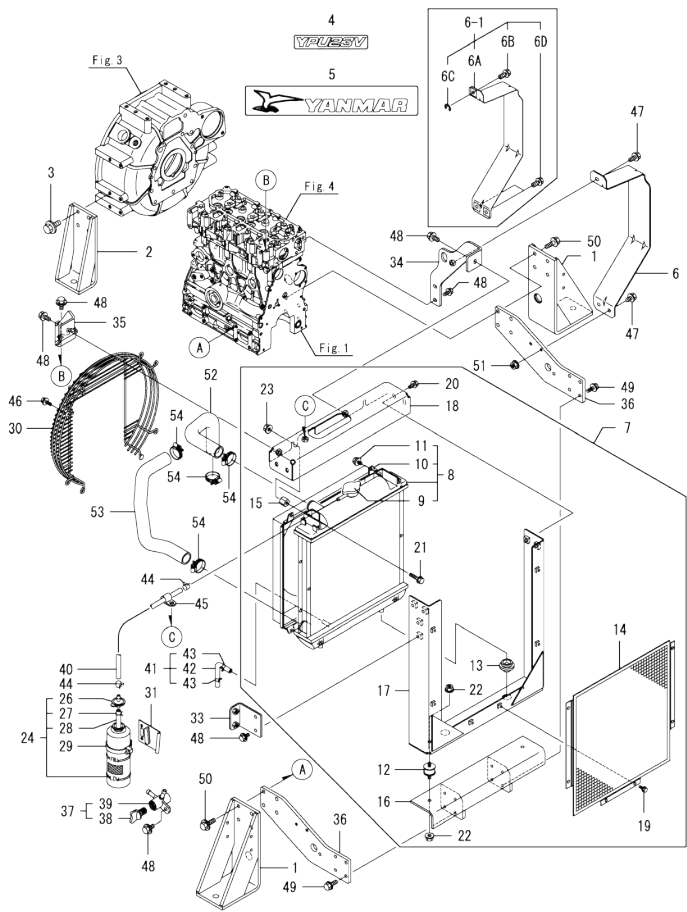
Remarks
(1)Spare parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-34801	DIPSTICK, OIL	1	1						
2	1	121520-34810	GUIDE, DIPSTICK	1	1						
3	1	129100-35140	STUD	1							
3-1	1	119717-35140	STUD	1	1					N	
(A=E74896)											
4	1	119305-35170	FILTER ASSY, D68XL65	1	1						1
5	1	119717-32060	O-RING, P15.0	1	1						
6	1	119717-35080	PIPE ASSY, OIL INLET	1	1						
10	1	26106-060102	BOLT, M6X 10 PLATED	2	2						
11	1	114250-39450	SWITCH, HYDRAULIC	1	1						
12	1	119717-39210	PIPE, PUMP	1	1						
13	1	129005-59830	BOLT ASSY, JOINT M8	2	2						
14	2	22190-080002	WASHER, SEAL 8	2	2						
15	2	23857-030000	BOLT, JOINT 3	2	2						
16	1	22190-080002	WASHER, SEAL 8	2	2						



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119717-42002	PUMP ASSY, WATER	1							
1-1	1	119E10-42000	PUMP ASSY, WATER	1						N	
		(A=EB0154)									
1-2	1	119E10-42001	PUMP ASSY, CW	1	1					N	
		(A=ER5845)									
3	2	119717-42031	GASKET, WATER PUMP	1	1						
9	2	26577-060122	SCREW, M6X12	4	4						
11	2	119717-42320	O-RING, P26	1							
11-1	2	119C10-42320	O-RING, 2028	1	1					S	
		(A=EB0154)									
13	1	119717-42020	GASKET, WATER PUMP	1	1						
14	1	23414-080000	GASKET, 8X1.0	1	1						
15	1	26106-080122	BOLT, M8X 12 PLATED	1	1						
16	1	26106-080502	BOLT, M8X 50 PLATED	3	3						
17	1	119717-42350	V-PULLEY, PUMP D=100	1	1						
18	1	25132-003600	V-BELT, A36	1	1						
19	1	171340-44740	FAN, COOLING D335XNF	1	1						
20	1	129457-44760	SPACER, FAN	1	1						
21	1	26106-060452	BOLT, M6X 45 PLATED	4	4						
22	1	129350-49530	COVER, THERMOSTAT	1	1						
23	1	119717-49800	THERMOSTAT, 71C	1	1						
24	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
25	1	171056-49120	PLUG, DRAIN R1/4	1	1						
26	1	121450-42450	PLUG, M16	1	1						
27	1	121250-44901	SWITCH, TEMPERATURE	1	1						
28	1	124465-44950	GASKET, 16	1	1						
29	1	124465-44950	GASKET, 16	1	1						

Fig.11. RADIATOR



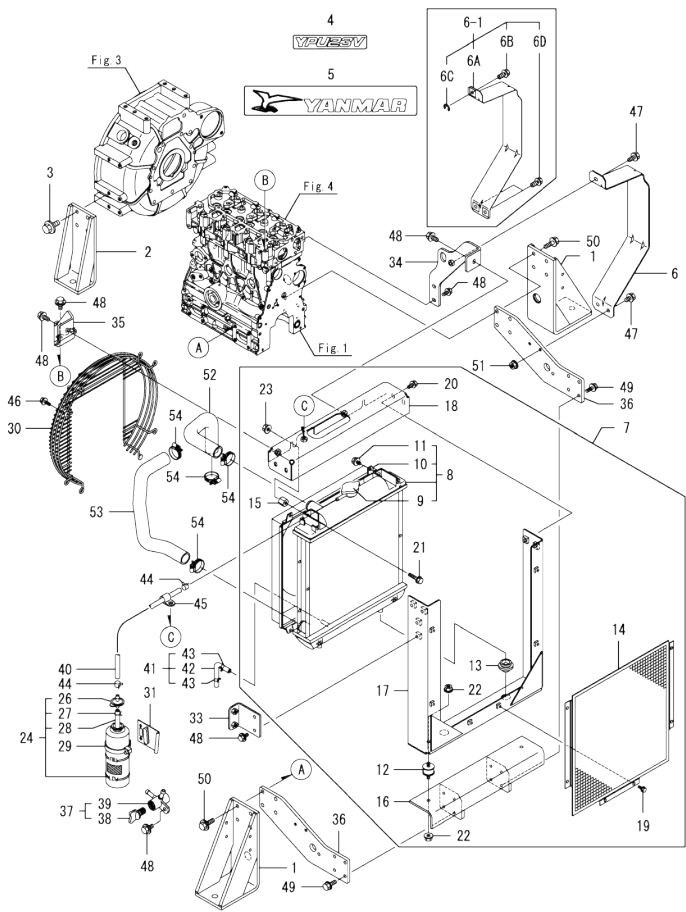
(A)=YPU23V
(B)=YPU23V-1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-08010	FOOT, MOUNTING A	2	2						
2	1	170124-08020	FOOT, MOUNTING B	2	2						
3	1	26106-100202	BOLT, M10X 20 PLATED	8	8						
4	1	119717-07000	LABEL, MODEL NAME	1	1						
5	1	129247-07001	LABEL, YANMAR MARK	1	1						
5-1	1	129247-07002	LABEL, YANMAR MARK	1	1						N
(A=EC7022)											
6	1	119746-42800	COVER	1							
6-1	1	119746-42810	COVER ASSY, V-BELT	1							N
(A=E72422)											
6-2	1	119746-42811	COVER ASSY, V-BELT	1	1						N
(A=EE0527)											
6A	2	119746-42801	COVER, V-BELT	1	1						W
(A=E72422)											
6B	2	119746-42820	SCREW, V-BELT COVER	1	1						W
(A=E72422)											
6C	2	22276-000060	RING, E- 6	3	3						W
(A=E72422)											
6D	2	119746-42820	SCREW, V-BELT COVER	2							W
(A=E72422)											
6D-1	2	119746-42830	SCREW, V-BELT COVER	2	2						N
(A=EE0527)											
7	1	119746-44510	RADIATOR ASSY	1	1						
8	2	129004-44500	RADIATOR ASSY	1	1						
9	3	129107-44590	CAP, RADIATOR	1	1						
10	3	119802-44600	SHROUD, FAN	1	1						
11	3	26014-060122	BOLT, M6X 12	4	4						
12	2	121400-44640	RUBBER, RADIATOR	2	2						
13	2	119255-44660	RUBBER, RADIATOR	2	2						
14	2	119746-44800	SCREEN, RADIATOR	1	1						
15	2	119746-44890	SPACER, RADIATOR	2	2						
16	2	119746-44960	BRACKET, RADIATOR B	1	1						
17	2	119746-44970	BRACKET, RADIATOR C	1	1						
18	2	119746-44980	BRACKET, RADIATOR D	1	1						
19	2	26106-060162	BOLT, M6X 16 PLATED	6	6						
20	2	26106-080162	BOLT, M8X 16 PLATED	4	4						
21	2	26106-080354	BOLT, M8X 35 PLATED	1	1						
22	2	26366-080002	NUT, M8	4	4						
23	2	26366-080002	NUT, M8	2	2						
24	1	124450-44510	TANK ASSY, SUB	1	1						
26	2	124450-44530	CAP, SUB TANK	1	1						
27	2	124450-44560	CLAMP, PIPE	1	1						
28	2	23061-070230	PIPE, 7X 230	1	1						
29	1	124450-44550	BAND, SUB TANK	1	1						
30	1	119802-44560	GUARD, FAN	1	1						
31	1	121256-44600	BRACKET, SUB TANK	1	1						
33	1	129946-44900	BRACKET, SUB TANK	1	1						
34	1	119746-44910	STAY, RADIATOR A	1	1						
35	1	119746-44921	STAY, RADIATOR B	1	1						
36	1	119746-44950	BRACKET, RADIATOR A	2	2						
37	1	129550-49101	COCK ASSY, 2-WAY	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.11. RADIATOR

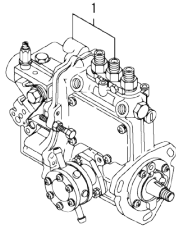
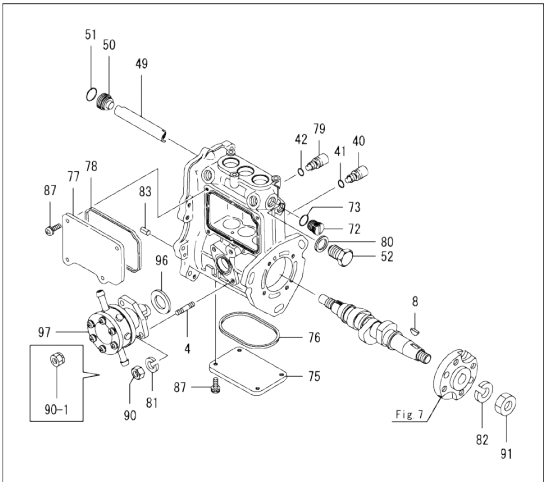


(A)=YPU23V
(B)=YPU23V-1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	2	129150-49081	COCK, DRAIN	1	1						
39	2	129550-49090	BODY, 2-WAY COCK	1	1						
40	1	124579-49160	PIPE, WATER DRAIN	1	1						
41	1	129210-49320	PIPE, WATER DRAIN	1	1						
42	2	129209-49200	PIPE, WATER DRAIN	1	1						
43	2	124766-59050	CLAMP, HOSE 11.5	2	2						
44	1	124766-59050	CLAMP, HOSE 11.5	2	2						
45	1	23297-120081	CLAMP, A12X 8	1	1						
46	1	26106-080162	BOLT, M6X 16 PLATED	8	8						
47	1	26106-080122	BOLT, M8X 12 PLATED	3							
47-1	1	26106-080122	BOLT, M8X 12 PLATED	1	1						K
(A=E72422)											
48	1	26106-080162	BOLT, M8X 16 PLATED	10							
48-1	1	26106-080162	BOLT, M8X 16 PLATED	9	9						K
(A=E72422)											
49	1	26106-080202	BOLT, M8X 20 PLATED	8	8						
50	1	26106-100302	BOLT, M10X 30 PLATED	8	8						
51	1	26306-080002	NUT, M8	2	2						
52	1	119802-49010	HOSE, WATER A	1	1						
53	1	119802-49020	PIPE, WATER B	1	1						
54	1	23010-038000	CLAMP, 38	4	4						

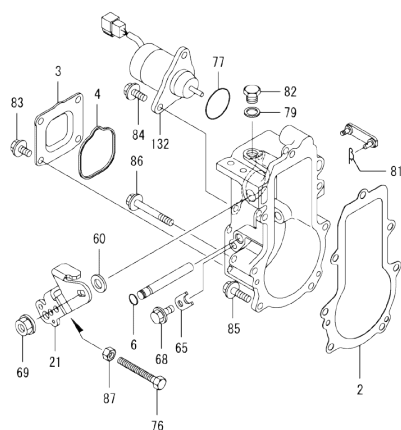
Fig.12. FUEL INJECTION PUMP



Remarks
(1)Governor(Fig.13) is incorporated in this Fuel Injection Pump(No.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-51390	PUMP ASSY, INJECTION	1	1						1
4	2	129155-51020	STUD	2	2						
8	2	122710-51090	KEY, FEATHER	1	1						
40	2	158600-51270	STOPPER, TAPPET	3	3						
41	2	129155-51280	O-RING, S6	3	3						
42	2	129155-51280	O-RING, S6	1	1						
49	2	129155-51400	PROTECTOR	1	1						
50	2	158600-51410	PLUG, DEFLIFTER M12	1	1						
51	2	119717-51420	O-RING	1	1						
52	2	158600-51420	PLUG, DEFLIFTER M16	1	1						
72	2	158600-51570	PLUG, RACK	1	1						
73	2	129155-51580	O-RING	1	1						
75	2	129155-51701	COVER, PUMP BOTTOM	1	1						
76	2	119717-51711	GASKET, PUMP	1	1						
77	2	119717-51750	COVER, BODY SIDE	1	1						
78	2	119717-51761	GASKET, PUMP COVER	1	1						
79	2	158600-51790	STOPPER, RACK	1	1						
80	2	22190-160002	WASHER, SEAL 16	1	1						
81	2	22217-060000	WASHER, SPRING 6	2							Z
82	2	22217-120000	WASHER, SPRING 12	1	1						
83	2	22351-050010	PIN, SPRING 5.0X10	2	2						
87	2	26022-050122	SCREW, M5X12	8	8						
90	2	26716-060002	NUT, M6	2							
90-1	2	119717-51860	NUT, M6	2	2						N
91	2	26716-120002	NUT, M12	1	1						
96	2	129155-52051	GASKET, PUMP COVER	1	1						
97	2	129100-52101	PUMP ASSY, FUEL FEED	1	1						

Fig.13. GOVERNOR



* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.12).

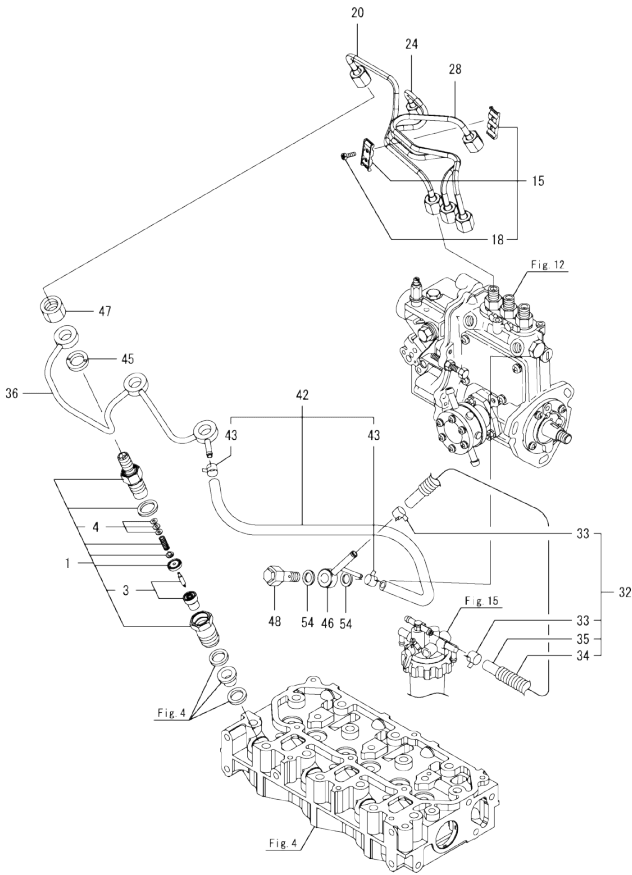
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(B)=YPU23V-1
(C)=

(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	1					
3	2	119717-61060	COVER, GOVERNOR CASE		1	1					
4	2	119717-61070	GASKET, COVER		1	1					
6	2	129155-51280	O-RING, S6		1	1					
21	2	119515-61440	LEVER, CONTROL		1	1					
60	2	158552-61700	SHIM SET		1	1					
65	2	119660-61901	STOPPER, SHAFT		1	1					
68	2	26106-060102	BOLT, M6X 10 PLATED		1	1					
69	2	26366-080002	NUT, M8		1	1					
76	2	129155-61460	BOLT, IDLE LIMIT		1						
76-1	2	129155-61461	BOLT, IDLE LIMIT		1	1					N
(A=EN2814)											
77	2	158552-61900	O-RING		1	1					
79	2	22190-100002	WASHER, SEAL 10		1	1					
81	2	22372-040000	PIN, SNAP 4		1	1					
82	2	23887-100002	PLUG, 10		1						
82-1	2	119717-51930	PLUG, M10		1	1					R
(A=E87692)											
83	2	26106-060102	BOLT, M6X 10 PLATED		4	4					
84	2	26106-060142	BOLT, M6X 14 PLATED		2	2					
85	2	26106-060202	BOLT, M6X 20 PLATED		4	4					
86	2	26106-060452	BOLT, M6X 45 PLATED		3	3					
87	2	26756-060002	NUT, LOCK M6		1						
87-1	2	119740-61470	NUT		1	1					N
(A=EM1812)											
132	2	119653-77950	SOLENOID, STOP		1	1					

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.14. FUEL INJECTION VALVE

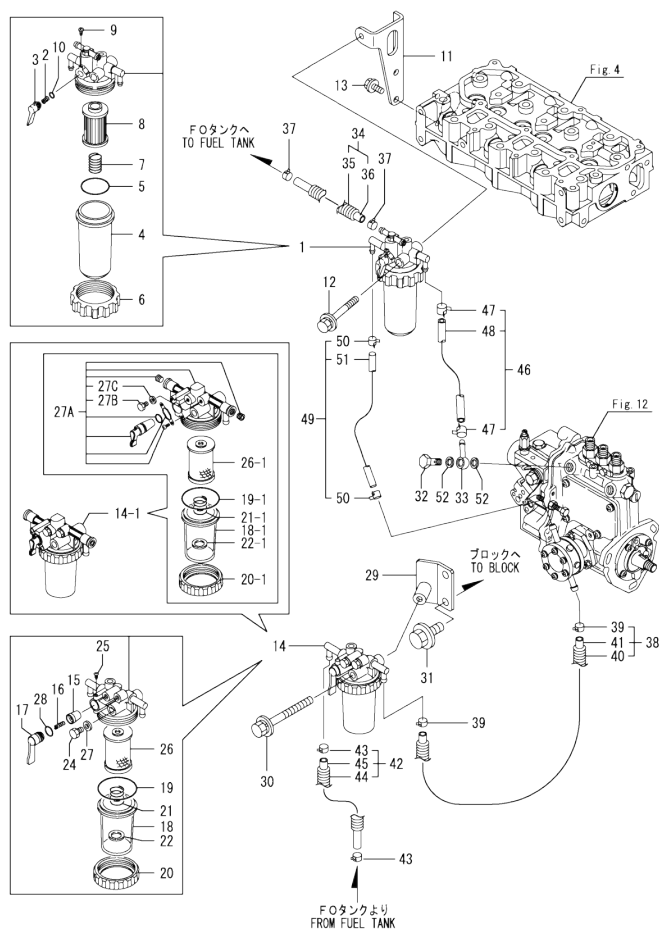


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(C)=

(D)=
(E)=
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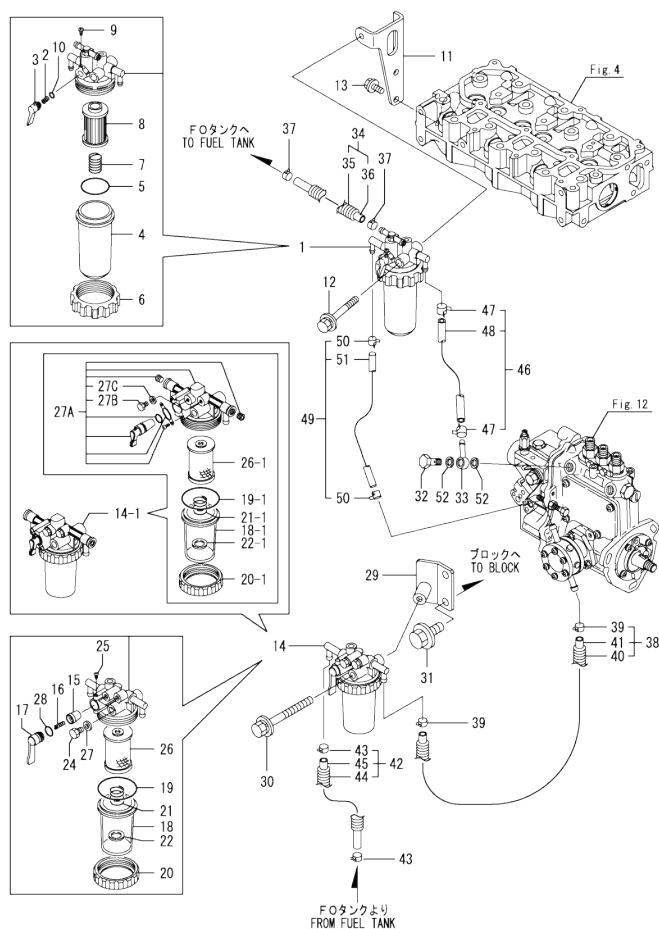
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-53001	VALVE ASSY,INJECTION	3	3						
3	2	119717-53010	VALVE ASSY,INJECTION	3	3						
4	2	129901-53800	SHIM SET, ADJUSTING	3	3						1
15	1	129150-59120	RETAINER, PIPE	1	1						
18	2	129150-59131	BOLT, M4X14	2	2						
20	1	119717-59810	PIPE, INJECTION NO.1	1	1						
24	1	119717-59820	PIPE, INJECTION NO.2	1	1						
28	1	119717-59830	PIPE, INJECTION NO.3	1	1						
32	1	129956-59010	HOSE ASSY, FUEL	1	1						
33	2	124766-59050	CLAMP, HOSE 11.5	2	2						
34	2	129957-59101	TUBE, CORRUGATED 15	1	1						
35	2	105225-59511	HOSE, FUEL	1	1						
36	1	119717-59510	PIPE ASSY, RETURN	1	1						
42	1	119744-59560	HOSE ASSY, RETURN	1	1						
43	2	124066-59100	CLAMP, HOSE 8	2	2						
45	1	129901-59560	GASKET, FUEL RETURN	3	3						
46	1	119740-59590	JOINT, OVERFLOW	1	1						
47	1	119620-59700	NUT, NOZZLE RETURN	3	3						
48	1	119813-59950	VALVE ASSY, CHECK	1	1						
54	1	22190-120002	WASHER, SEAL 12	2	2						

Remarks
(1)Spare parts.



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1							
1-1	1	119833-55621 (A=E89709)	FILTER ASSY, FUEL	1	1						N
2	2	104200-55330	SPRING, FUEL VALVE	1	1						
3	2	119810-55340	LEVER, FUEL	1	1						
4	2	121254-55510	CUP, FUEL STARINER	1	1						
5	2	102103-55520	O-RING, FILTER	1	1						
6	2	110250-55610	RING, CUP RETAINING	1	1						
7	2	121250-55620	SPRING, ELEMENT	1	1						
8	2	119810-55650	ELEMENT, FUEL FILTER	1	1						
9	2	104200-55750	SCREW, M4	1	1						
10	2	24311-240100	O-RING, 1AP10A	1	1						
11	1	119717-55650	BRACKET, FILTER	1	1						
12	1	26014-080702	BOLT, M8X 70	1	1						
13	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
14	1	129335-55700	SEPARATOR ASSY,WATER	1							
14-1	1	129335-55750 (A=E72854)	SEPARATOR ASSY,WATER	1	1						N
15	2	104200-55321 (A=E72854)	VALVE, TAPER	1							Z
16	2	104200-55330 (A=E72854)	SPRING, FUEL VALVE	1							Z
17	2	104200-55341 (A=E72854)	HANDLE, COCK	1							Z
18	2	124064-55510	CUP, FUEL STARINER	1							
18-1	2	129335-55740 (A=E72854)	CUP	1	1						S
19	2	102103-55520	O-RING, FILTER	1							
19-1	2	24311-000440 (A=E72854)	O-RING, 1AP44.0	1	1						S
20	2	110250-55610	RING, CUP RETAINING	1							
20-1	2	119833-55660 (A=E72854)	RING, RETAINING	1	1						S
21	2	121257-55720	SPRING, ELEMENT	1							
21-1	2	129053-55650 (A=E72854)	SPRING, SCREEN	1	1						S
22	2	121257-55731	FLOAT	1							
22-1	2	129053-55640 (A=E72854)	FLOAT	1	1						S
24	2	101720-55750 (A=E72854)	PLUG, HEXAGON M6	2							Z
25	2	104200-55750 (A=E72854)	SCREW, M4	1							Z
26	2	171081-55910	FILTER, FUEL 100M	1							
26-1	2	129335-55780 (A=E72854)	ELEMENT ASSY, FUEL	1	1						S
27	2	23418-060000 (A=E72854)	GASKET, 6X1.0	2							Z
27A	2	129335-55770 (A=E72854)	BODY ASSY	1	1						W
27B	3	129242-55750	VALVE, AIR VENT	2	2						W

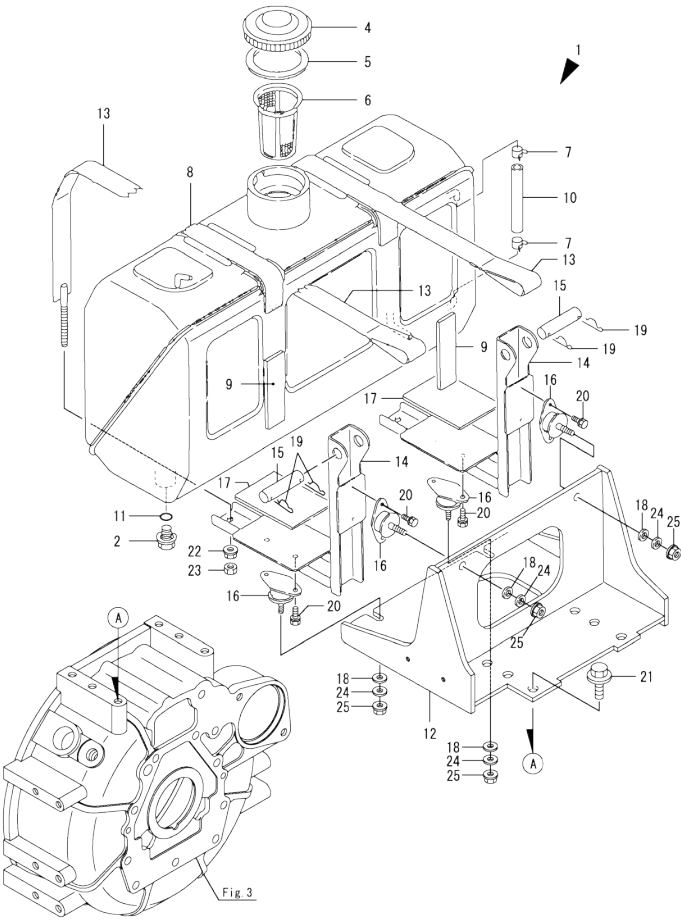
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No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27C		(A=E72854) 3 129242-55760	GASKET, PLUG	2	2						W
28		(A=E72854) 2 24311-240100	O-RING, 1AP10A	1							Z
29		(A=E72854) 1 129688-55720	BRACKET, SEPARATOR	1	1						
30	1	26014-080702	BOLT, M8X 70	1	1						
31	1	26106-100162	BOLT, M10X 16 PLATED	2	2						
32	1	103854-39140	BOLT, PIPE JOINT	1	1						
33	1	101304-59020	JOINT, PIPE 12	1	1						
34	1	119560-59051	PIPE ASSY, FUEL	1							
35	2	119560-59110	TUBE, CORRUGATED 15	1							
36	2	129129-59510	PIPE ASSY, RETURN	1							
37	1	124766-59050	CLAMP, HOSE 11.5	2	2						
38	1	129955-59050	PIPE ASSY, FUEL	1	1						
39	2	124766-59050	CLAMP, HOSE 11.5	2	2						
40	2	119560-59120	TUBE, CORRUGATED 15	1	1						
41	2	105425-59512	PIPE, FUEL	1	1						
42	1	129955-59050	PIPE ASSY, FUEL	1							
43	2	124766-59050	CLAMP, HOSE 11.5	2							
44	2	119560-59120	TUBE, CORRUGATED 15	1							
45	2	105425-59512	PIPE, FUEL	1							
46	1	129210-59080	HOSE ASSY, FUEL L270	1	1						
47	2	124766-59050	CLAMP, HOSE 11.5	2	2						
48	2	129136-59110	HOSE, D13/7.5X270	1	1						
49	1	129210-59170	HOSE ASSY, FUEL L440	1	1						
50	2	124766-59050	CLAMP, HOSE 11.5	2	2						
51	2	105225-59511	HOSE, FUEL	1	1						
52	1	22190-120002	WASHER, SEAL 12	2	2						

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.16. FUEL TANK

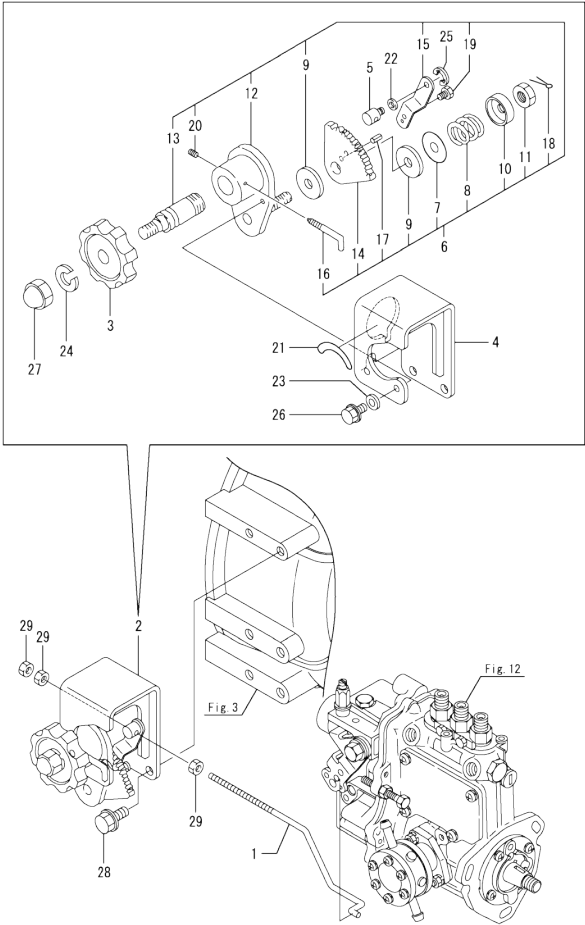


(A)=YPU23V
(B)=YPU23V-1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	721400-55701-E	TANK ASSY, FUEL	1							
2	2	124060-01640	PLUG, DRAIN M12	1							
4	2	101168-55040	CAP ASSY, FUEL TANK	1							
5	2	101504-55051	GASKET, TANK CAP	1							
6	2	101504-55101	STRAINER, FUEL	1							
7	2	103854-55220	RETAINER, GAUGE	2							
8	2	121400-55830	SEAT, RUBBER	2							
9	2	121400-55870	FELT, FUEL TANK	2							
10	2	23061-050160	PIPE, 5X 160	1							
11	2	24311-000140	O-RING, 1AP14.0	1							
12	1	129688-55800	BRACKET, FUEL TANK	1							
13	1	121400-55821	BAND, FUEL TANK	2							
14	1	171048-55820	BRACKET, FUEL TANK	2							
15	1	171048-55840	PIN, TANK BAND	2							
16	1	171048-55850	RUBBER, FUEL TANK	4							
17	1	171048-55860	SEAT, RUBBER	2							
18	1	22117-080000	WASHER, 8	4							
19	1	22360-160000	PIN, SNAP 16	4							
20	1	26106-060122	BOLT, M6X 12 PLATED	8							
21	1	26106-100202	BOLT, M10X 20 PLATED	6							
22	1	26306-080002	NUT, M8	2							
23	1	26756-080002	NUT, LOCK M8	2							
24	1	22217-080000	WASHER, SPRING 8	4							
25	1	26306-080002	NUT, M8	4							

Fig.17. CONTROL EQUIPMENT

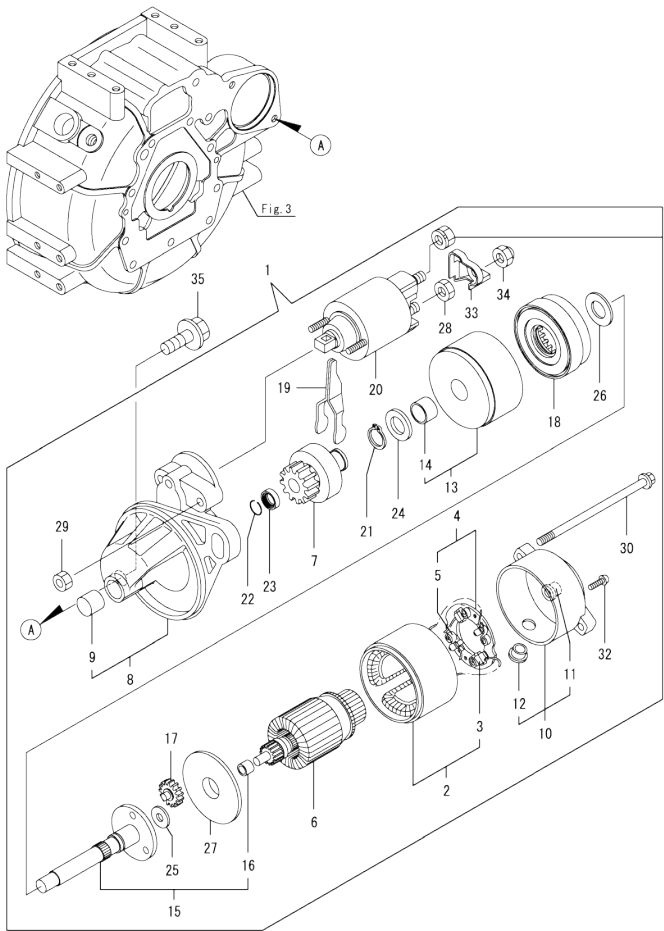


(A)=YPU23V
(B)=YPU23V-1
(C)=

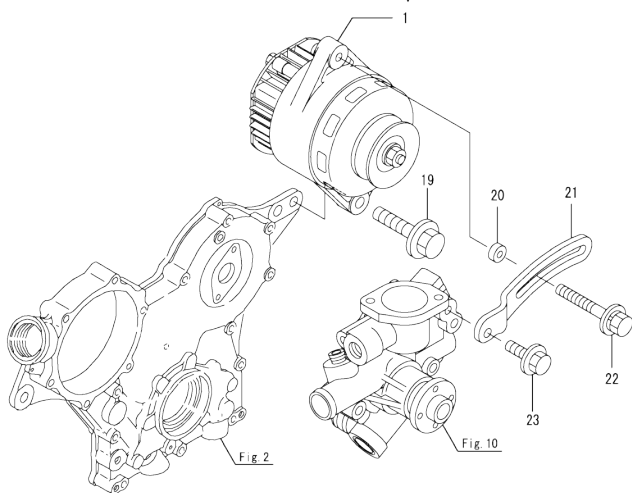
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119746-66120	LINK, ENGINE CONTROL	1	1						
2	1	119888-66161	CONTROLLER ASSY	1	1						
3	2	126650-66020	HANDLE, REGULATOR	1	1						
4	2	119888-66111	BRACKET, GOVERNOR	1	1						
5	2	119888-66130	PIVOT	1	1						
6	2	171048-67010	CONTROLLER ASSY	1	1						
7	3	171102-66080	WASHER, BEARING	1	1						
8	3	104200-66820	SPRING, HANDLE	1	1						
9	3	104200-66831	PLATE, FRICTION	2	2						
10	3	104200-66850	WASHER, B	1	1						
11	3	104200-66860	NUT	1	1						
12	3	171085-67100	BRACKET, GEAR	1	1						
13	3	171085-67110	SHAFT, DRIVE	1	1						
14	3	171085-67120	GEAR	1	1						
15	3	171048-67130	LEVER	1	1						
16	3	171048-67140	STOPPER	1	1						
17	3	22351-020006	PIN, SPRING 2.0X 6	1	1						
18	3	22411-200150	COTTER PIN	1	1						
19	3	26116-060082	BOLT, M6X 8 PLATED	1	1						
20	3	26921-050122	SCREW, M5X12	1	1						
21	2	170064-67210	LABEL, HANDLE	1	1						
22	2	22117-060000	WASHER, 6	1	1						
23	2	22137-100000	WASHER, 10	1	1						
24	2	22217-100000	WASHER, SPRING 10	1	1						
25	2	22272-000050	RING, E- 5	1	1						
26	2	26106-060102	BOLT, M6X 10 PLATED	2	2						
27	2	26657-100002	NUT, CAP M10	1	1						
28	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
29	1	26756-050002	NUT, LOCK M5	3	3						

OCE10-M27001 YPU23V/YPU23V-1
Fig.18. STARTER MOTOR

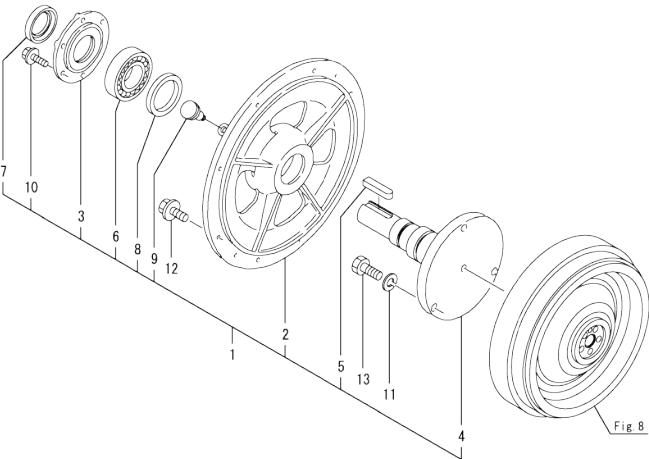


										OCE10-M27001 Fig.18	
										(A)=YPU23V (B)=YPU23V-1 (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77010	STARTER, P1.1	1	1						
2	2	X0281007750	YOKE ASSY	1	1						
3	3	X0280996180	STARTER KIT	2	2						
4	2	X0285105190	HOLDER ASSY	1	1						
5	3	X0285205030	SPRING	4	4						
6	2	X0282005991	ARMATURE ASSY	1	1						
7	2	X0283006960	CLUTCH	1	1						
8	2	X4284001590	HOUSING ASSY	1	1						
9	3	X9491050100	BEARING, NEEDLE	1	1						
10	2	X0285007030	FRAME ASSY	1	1						
11	3	X9491040990	BEARING	1	1						
12	3	X0280626010	COVER	1	1						
13	2	X0284105040	BEARING ASSY, SUB	1	1						
14	3	X9491034330	BEARING	1	1						
15	2	X0286105010	SHAFT ASSY, SUB	1	1						
16	3	X9491034320	BEARING	1	1						
17	2	X0286305010	GEAR	3	3						
18	2	X0286355010	GEAR	1	1						
19	2	X0287405140	LEVER	1	1						
20	2	X0534007800	SWITCH ASSY	1	1						
20-1	2	X2534000090	SWITCH ASSY	1	1						N
(A=EA7601)											
21	2	X9055715000	RING	1	1						
22	2	X9490721360	RING	1	1						
23	2	X0280210331	NUT	1	1						
24	2	X9490138110	WASHER	1	1						
25	2	X9490138090	WASHER	1	1						
26	2	X9490138100	WASHER	1	1						
27	2	X0284525010	PLATE	1	1						
28	2	X9490562360	NUT	1	1						
29	2	X9490560750	NUT	2	2						
30	2	X9490423420	BOLT, THROUGH	2	2						
32	2	X9490065670	SCREW, M4X6	2	2						
33	2	X0280335350	COVER, TERMINAL	1	1						
33-1	2	X1280330020	COVER, TERMINAL	1	1						N
(A=EA7601)											
34	2	X1289510130	NUT	1	1						
35	1	26106-100252	BOLT, M10X 25 PLATED	2	2						

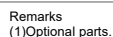


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	119128-77210	GENERATOR, 12V-40A	1						
1-1		119128-77200 (A=E75935)	GENERATOR, 12V-40A	1	1					N
2	2	119128-77220	GENERATOR ASSY	1	1					
14	2	119128-77370	COVER, GENERATOR	1	1					
15	2	119128-77380	BOLT, FLANGE	4	4					
16	2	119128-77390	COVER, GENERATOR	1	1					
17	2	119128-77410 (A=E75935)	REGULATOR ASSY	1						Z
19	1	26106-100452	BOLT, M10X 45 PLATED	1	1					
20	1	19940-77270	SPACER, GENERATOR	1	1					
21	1	19717-77340	ADJUSTER, BELT	1	1					
22	1	129972-77341	BOLT, ADJUSTER L=50	1	1					
23	1	26106-080202	BOLT, M8X 20 PLATED	1	1					

OCE10-M27001 YPU23V/YPU23V-1
Fig.20. OUTPUT SHAFT



OCE10-M27001 Fig.20									
(A)=YPU23V (B)=YPU23V-1 (C)=									
(D)= (E)= (F)=									
Q'ty									
I R									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119888-89100	SHAFT ASSY, STUB	1	1				
2	2	119888-89110	HOUSING, BEARING	1	1				
3	2	171048-89120	CASE, OIL SEAL	1	1				
4	2	119888-89210	SHAFT, OUTPUT	1	1				
5	2	22512-100700	KEY, 10X 70	1	1				
6	2	24151-222090	BEARING, 22209	1	1				
7	2	24421-456209	SEAL, OIL TC456209	1	1				
8	2	24421-557209	SEAL, OIL TC557209	1	1				
9	2	24754-320020	CUP, GREASE 32X1/4	1	1				
10	2	26106-080202	BOLT, M8X 20 PLATED	6	6				
11	1	22217-120000	WASHER, SPRING 12	3	3				
12	1	26106-100202	BOLT, M10X 20 PLATED	8	8				
13	1	26206-120352	BOLT, M12X 35 PLATED	3	3				



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129111-07310	LABEL, NO FIRE	1	1						
2	1	129111-07320	LABEL, ROTATION	1	1						

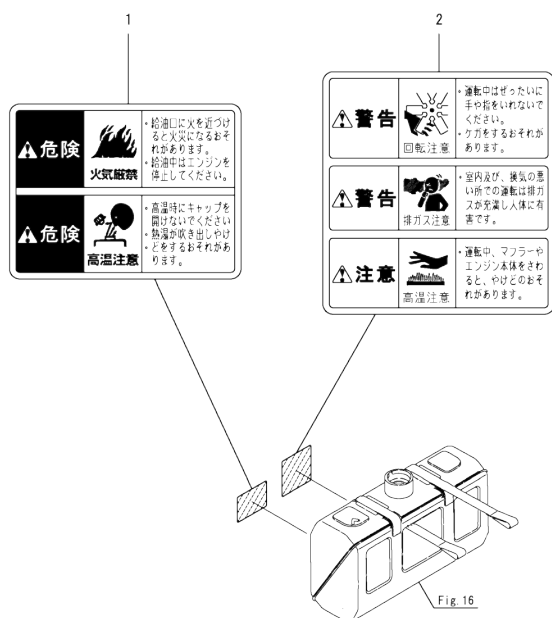
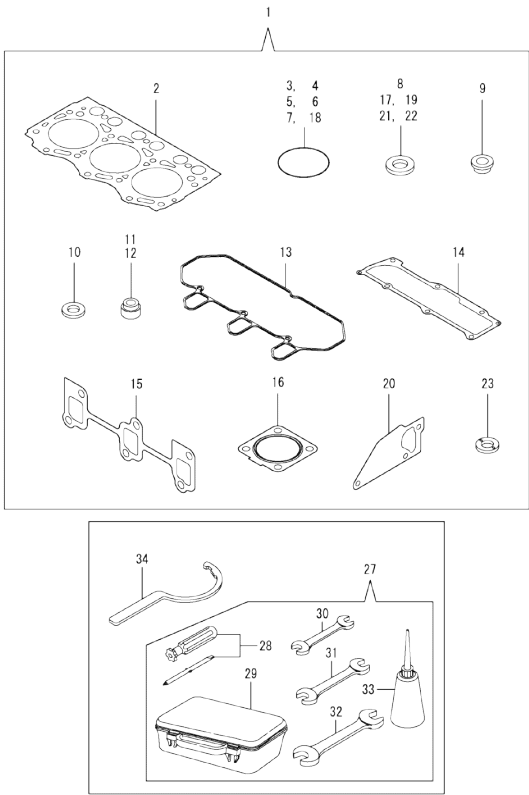


Fig. 16

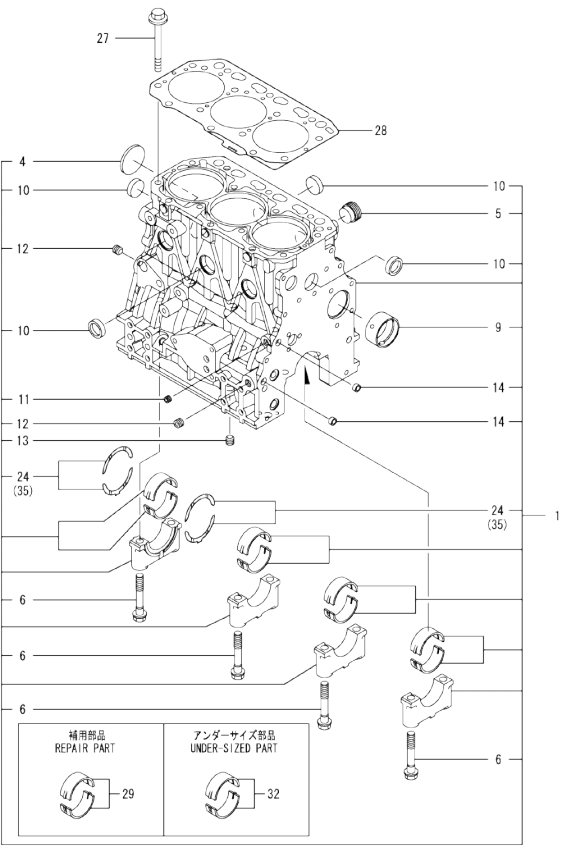
Fig.23. GASKET SET



Remarks
(1)Optional parts.
(2)Loose parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-92860	GASKET SET	1	1						1
2	2	119717-01330	GASKET, HEAD	1							
2-1	2	119717-01331	GASKET, HEAD	1	1					N	
(A)=EA3662)											
3	2	119624-32040	O-RING, P12.0	1	1						
4	2	119717-32050	O-RING, P17.0	3	3						
5	2	121850-51960	O-RING, FUEL PUMP	1	1						
6	2	24311-000320	O-RING, 1AP32.0	2	2						
7	2	24341-000240	O-RING, 1AS24.0	1	1						
8	2	22190-160002	WASHER, SEAL 16	1	1						
9	2	129901-11450	PROTECTOR, NOZZLE	3	3						
10	2	119600-11460	GASKET, NOZZLE	6	6						
11	2	119717-11340	SEAL, VALVE STEM	3	3						
12	2	119717-11350	SEAL, VALVE STEM	3	3						
13	2	119718-11310	GASKET, BONNET	1	1						
14	2	119717-11331	GASKET, BONNET COVER	1	1						
15	2	119717-13110	GASKET, MANIFOLD	1	1						
16	2	119515-13200	GASKET, SILENCER	2	2						
17	2	22190-120002	WASHER, SEAL 12	4	4						
18	2	119717-32060	O-RING, P15.0	1	1						
19	2	22190-080002	WASHER, SEAL 8	4	4						
20	2	119717-42020	GASKET, WATER PUMP	1	1						
21	2	23414-080000	GASKET, 8X1.0	1	1						
22	2	124465-44950	GASKET, 16	2	2						
23	2	129901-59560	GASKET, FUEL RETURN	3	3						
27	1	721400-92102	TOOL ASSY	1	1						2
28	2	104200-92350	DRIVER, SCREW	1	1						2
29	2	104200-92600	BOX, SPARE PARTS	1	1						2
30	2	28110-100120	SPANNER, 10X12	1	1						2
31	2	28110-140170	SPANNER, 14X17	1	1						2
32	2	28110-190220	SPANNER, 19X22	1	1						2
33	2	28210-000140	OILER	1	1						2
34	1	171051-92760	WRENCH, STRAINER	1	1						2

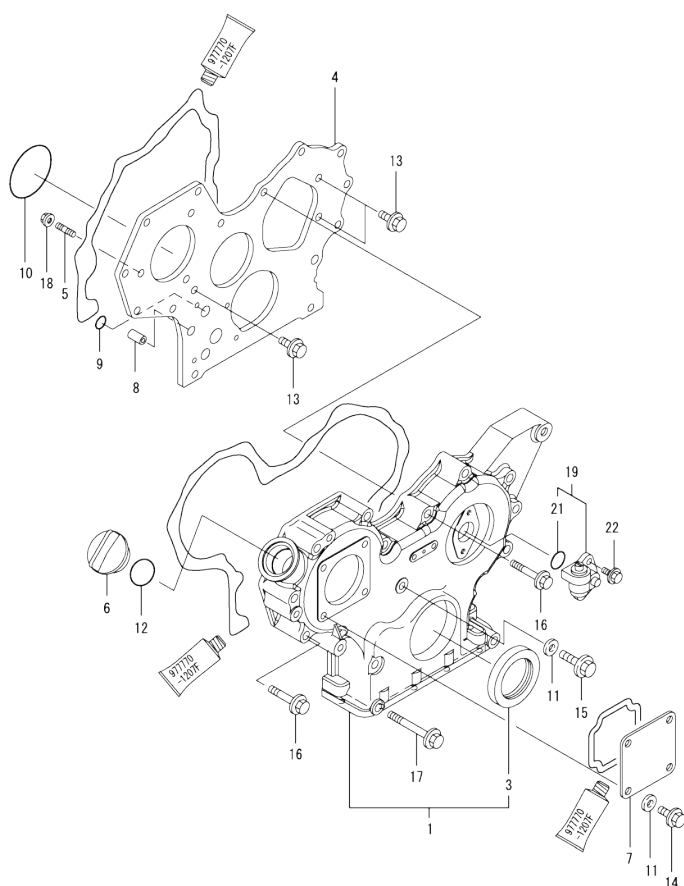
Fig.24. CYLINDER BLOCK



Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
4	2	129001-01250	PLUG, 50	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129150-02020	BOLT, METAL CAP	8							
9	2	129795-02412	BUSH, CAMSHAFT	1							
10	2	27241-300000	PLUG 30	6							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	2							
13	2	124160-01910	PLUG, PT1/4	1							
14	2	27241-120000	PLUG, 12	2							
24	2	129150-02931	BEARING, THRUST	2							
27	1	129150-01200	BOLT, HEAD	14							
28	1	129001-01340	GASKET, HEAD	1							
29	1	129001-02931	BEARING, MAIN	4							1
32	1	129150-02871	BEARING, 0.25 US	4							2
35	1	129150-02941	BEARING, THRUST 0.25	1							3

Fig.25. GEAR HOUSING



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

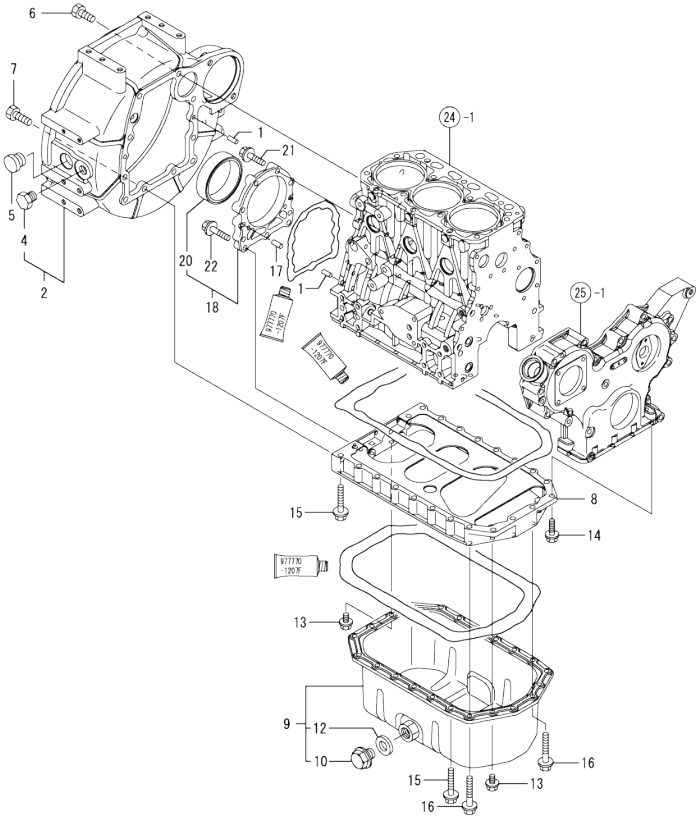
(A)=YPU35V
(B)=
(C)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719803-01500	CASE ASSY, GEAR	1							
3	2	119934-01800	SEAL, OIL	1							
4	1	119803-01520	FLANGE, GEAR CASE	1							
5	1	119802-01561	STUD, M8X25	3							
6	1	124160-01751	COVER, FILLER	1							
7	1	124240-01871	COVER	1							
8	1	129795-01950	PIPE, KNOCK L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	121850-51960	O-RING	1							
11	1	22190-080002	WASHER, SEAL 6	5							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	3							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	12							
17	1	26106-080852	BOLT, M8X 85 PLATED	3							
18	1	26306-080002	NUT, M8	3							
19	1	129150-91400	GEAR	1							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	2							

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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OCE10-M27001 YPU35V

Fig.26. FLYWHEEL HOUSING & OIL SUMP



OCE10-M27001 Fig.26

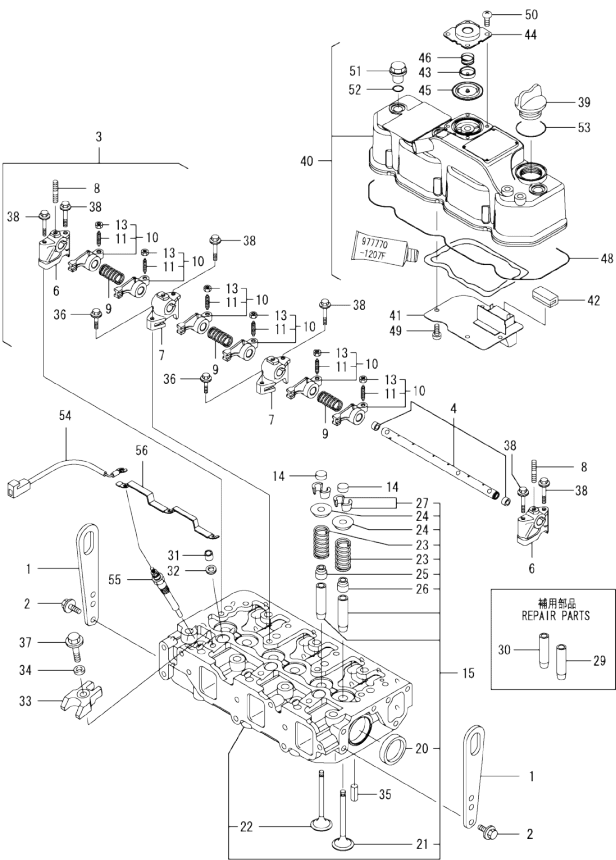
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119888-01601	HOUSING, FLYWHEEL	1							
4	2	129486-35210	PLUG, 3/4-16UNF	1							
5	1	119620-01750	CAP	1							
6	1	26206-100252	BOLT, M10X 25 PLATED	6							
7	1	26206-100302	BOLT, M10X 30 PLATED	4							
8	1	129100-01730	SPACER, OIL SUMP	1							
9	1	129100-01760	SUMP ASSY, OIL	1							
10	2	119640-01640	PLUG, DRAIN M22	1							
12	2	22190-220002	WASHER, SEAL 22	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	4							
14	1	26106-080252	BOLT, M8X 25 PLATED	2							
15	1	26106-080452	BOLT, M8X 45 PLATED	16							
16	1	26106-080502	BOLT, M8X 50 PLATED	4							
17	1	129100-01580	PIN, M8X16	2							
18	1	129100-01640	CASE ASSY, OIL SEAL	1							
20	2	129795-01780	SEAL, OIL	1							
21	1	129486-01670	BOLT, M8X30	6							
22	1	26106-080352	BOLT, M8X 35 PLATED	3							

OCE10-M27001 YPU35V

Fig.27. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

OCE10-M27001 Fig.27

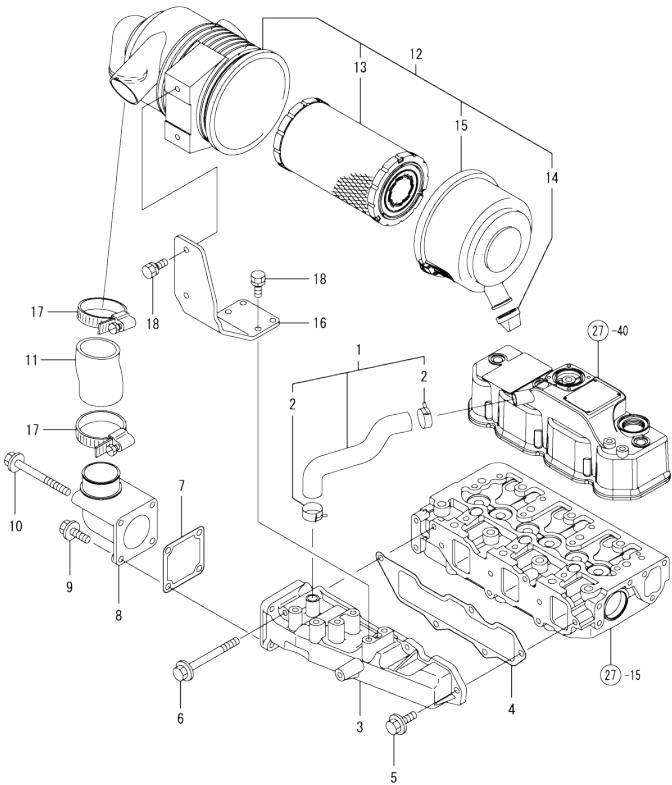
(A)=YPU35V
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129004-11241	SHAFT ASSY, ROCKER	1							
4	2	129004-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	2							
8	2	119802-11280	STUD	3							
9	2	129150-11280	SPRING	3							
10	2	129004-11650	ARM, ROCKER	6							
11	3	129150-11230	SCREW, VALVE ADJUST	6							
13	3	129150-11750	NUT, M8	6							
14	1	129150-11370	CAP, VALVE	6							
15	1	129008-11700	HEAD ASSY, CYLINDER	1							
20	2	27241-400000	PLUG, 40	2							
21	2	129005-11100	VALVE, INTAKE	3							
22	2	129100-11112	VALVE, EXHAUST	3							
23	2	129795-11120	SPRING, VALVE	6							
24	2	129795-11180	RETAINER, SPRING	6							
25	2	121400-11340	SEAL, VALVE STEM	3							
26	2	124460-11340	SEAL, VALVE STEM	3							
27	2	27310-080001	COTTER, 8	6							
29	1	120130-11860	GUIDE, VALVE	3							1
30	1	129150-11810	GUIDE, VALVE	3							1
31	1	119802-11870	PROTECTOR, NOZZLE	3							
32	1	119625-11880	SEAT, NOZZLE	3							
33	1	129004-11900	RETAINER, NOZZLE	3							
34	1	120270-54410	WASHER, INJECTOR	3							
35	1	22351-060012	PIN, SPRING 6.0X12	2							
36	1	26106-080252	BOLT, M8X 25 PLATED	2							
37	1	26106-080352	BOLT, M8X 35 PLATED	3							
38	1	26106-080502	BOLT, M8X 50 PLATED	6							
39	1	124160-01751	COVER, FILLER	1							
40	1	129004-11350	BONNET ASSY, HEAD	1							
41	2	129004-03010	PLATE	1							
42	2	129150-03070	BAFFLE, BREATHER	1							
43	2	119802-03110	PLATE	1							
44	2	119802-03121	COVER, DIAPHRAGM	1							
45	2	119802-03130	DIAPHRAGM	1							
46	2	119802-03141	SPRING, DIAPHRAGM	1							
48	2	129004-11310	GASKET, BONNET	1							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500100	SCREW, 5X10	4							
51	1	124160-11360	KNOB	3							
52	1	24311-000120	O-RING, 1AP12.0	3							
53	1	24311-000320	O-RING, 1AP32.0	1							
54	1	119803-77830	HARNES, WIRE	1							
55	1	129008-77800	PLUG, GLOW	3							
56	1	129008-77820	CONNECTOR, GLOW PLUG	1							

N:Old $\frac{NBS}{10}$ New, O:Old $\frac{H}{10}$ New, R:Old $\frac{NBS}{10}$ New, S:Old $\frac{H}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCE10-M27001 YPU35V

Fig.28. SUCTION MANIFOLD & AIR CLEANER



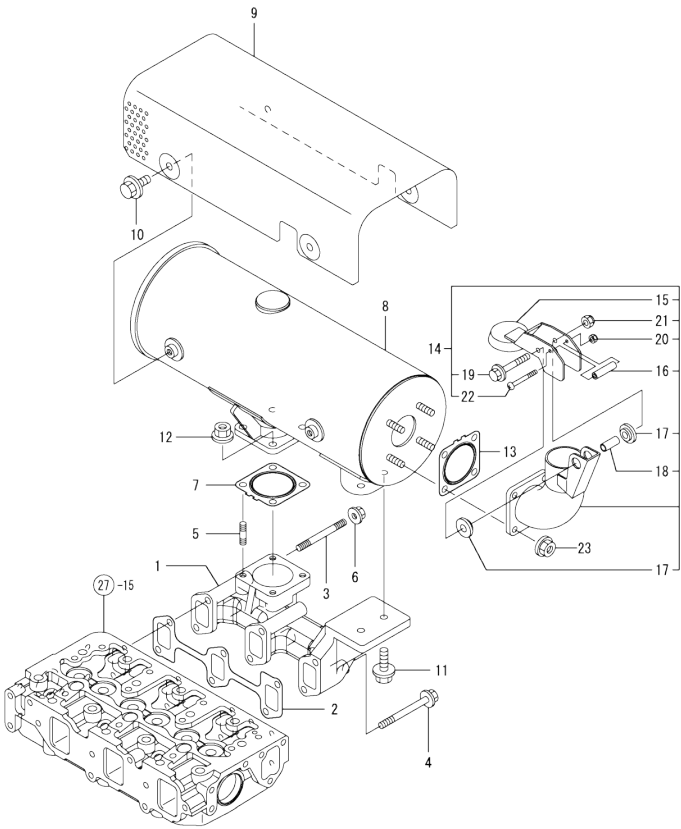
OCE10-M27001 Fig.28

(A)=YPU35V
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-03080	PIPE , BREATHER	1							
2	2	129410-03990	CLAMP 22	2							
3	1	129004-12101	MANIFOLD, AIR INTAKE	1							
4	1	129001-12110	GASKET, MANIFOLD	1							
5	1	26106-080202	BOLT, M8X 20 PLATED	4							
6	1	26106-080802	BOLT, M8X 80 PLATED	1							
7	1	129150-77511	GASKET	1							
8	1	119803-77520	BEND, AIR HEATER	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	2							
10	1	26106-080802	BOLT, M8X 80 PLATED	2							
11	1	119910-12210	PIPE, AIR INTAKE	1							
12	1	119802-12500	CLEANER ASSY, AIR	1							
13	2	129004-12520	ELEMENT, AIR CLEANER	1							
14	2	119808-12540	VALVE, UNLOADER	1							
15	2	119866-12541	COVER ASSY	1							
16	1	119802-12560	BRACKET, AIR CLEANER	1							
17	1	23000-070000	CLAMP, 70	2							
18	1	26013-080222	BOLT, M8X 22	6							

OCE10-M27001 YPU35V

Fig.29. EXHAUST MANIFOLD & SILENCER



OCE10-M27001 Fig.29

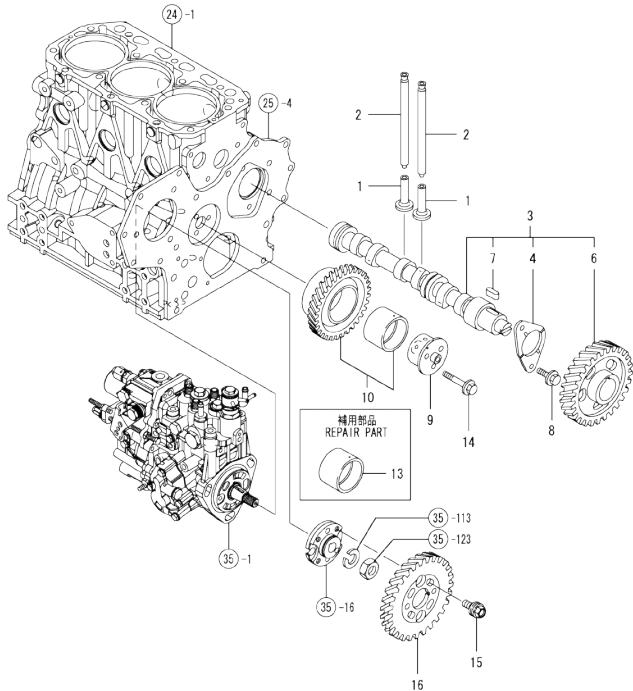
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-13110	MANIFOLD, EXHAUST	1							
2	1	129150-13110	GASKET	1							
3	1	123900-13610	STUD, M8X80	2							
4	1	123900-13630	BOLT, M8X80	4							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129004-13200	GASKET, SILENCER	1							
8	1	129285-13500	SILENCER	1							
9	1	129111-13600	COVER, SILENCER	1							
10	1	26106-080122	BOLT, M8X 12 PLATED	4							
11	1	26106-080252	BOLT, M8X 25 PLATED	2							
12	1	26306-080002	NUT, M8	4							
13	1	129004-13200	GASKET, SILENCER	1							
14	1	129005-13600	PIPE ASSY, TAIL	1							
15	2	119358-13640	CAP, RAIN	1							
16	2	121855-13821	SPACER, A	1							
17	2	121855-13830	SPACER, B	2							
18	2	123500-13840	SPACER, C	1							
19	2	26106-060402	BOLT, M6X 40 PLATED	1							
20	2	26347-040002	NUT, M4	1							
21	2	26347-060002	NUT, M6	1							
22	2	26557-040352	SCREW, M4X35	1							
23	1	26306-080002	NUT, M8	4							

OCE10-M27001 YPU35V

Fig.30. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

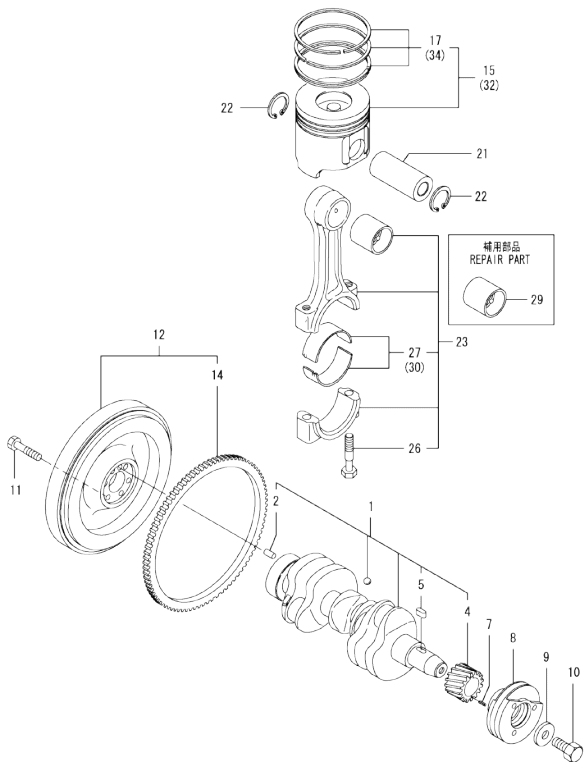
OCE10-M27001 Fig.30

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	119802-25071	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	129150-25301	BOLT	4							
16	1	119802-25901	GEAR, PUMP	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{YES}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCE10-M27001 YPU35V

Fig.31. CRANKSHAFT & PISTON

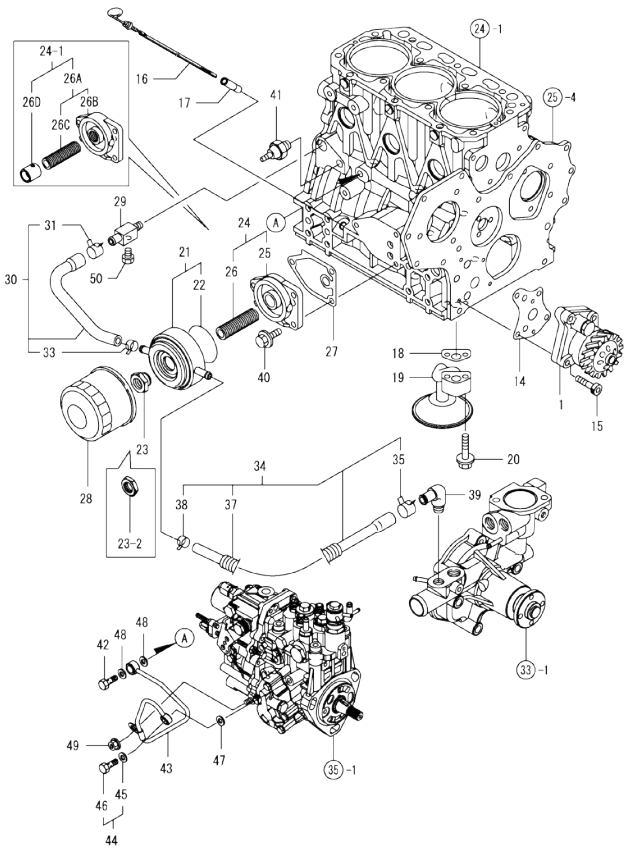


Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

OCE10-M27001 Fig.31

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	129004-21650	V-PULLEY, 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129188-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
21	1	129202-22300	PIN, PISTON D26 L70	3							
22	1	22252-000260	RING, 26	6							
23	1	729402-23100	ROD ASSY, CONNECTING	3							
26	2	121550-23200	BOLT, CONNECTING ROD	6							
27	2	129150-23601	BEARING, CRANK PIN	3							
29	1	129100-23910	BEARING, PISTON PIN	3							1
30	1	129150-23611	BEARING, 0.25 US	3							2
32	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
34	2	129005-22950	RING SET, 0.25 OS	3							3

Fig.32. LUB. OIL SYSTEM



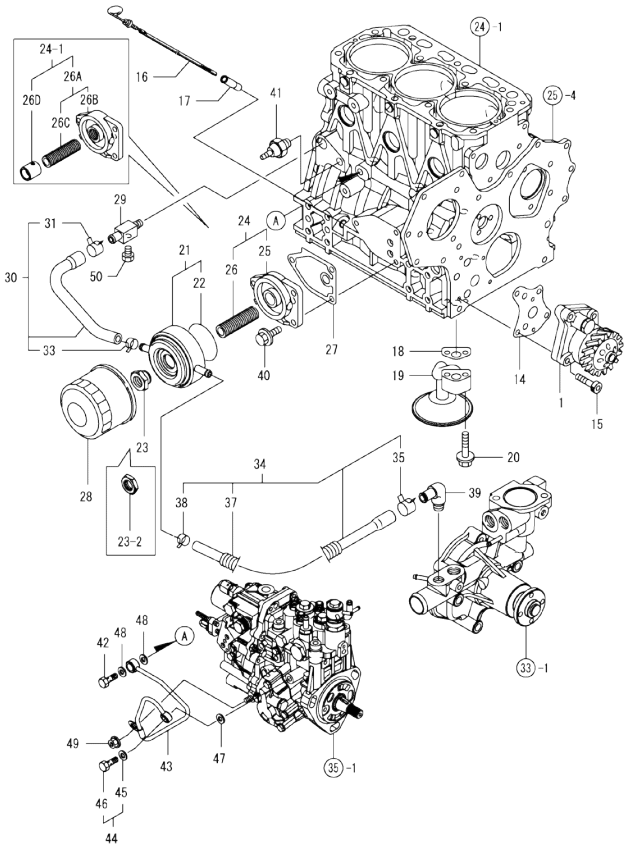
Remarks
(1) REPAIR PART.
(2) Interchangeable by simultaneous replacement with No.23-2, 24-1.

										OCE10-M27001 Fig.32	
										(A)=YPU35V (D)= (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129001-32001	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	129004-34802	DIPSTICK, OIL	1							
17	1	121520-34810	GUIDE, DIPSTICK	1							
18	1	129150-35042	GASKET, INLET PIPE	1							
19	1	129100-35301	PIPE ASSY, OIL INLET	1							
20	1	26106-080352	BOLT, M8X 35 PLATED	2							
21	1	129508-33010	COOLER ASSY, OIL	1							
21-1	1	129508-33031	COOLER ASSY, OIL	1							R
(A=E167134)											
22	2	129508-33050	O-RING	1							
22-1	2	129508-33060	GASKET, COOLER	1							R
(A=E167134)											
23	1	129417-33110	NUT, OIL COOLER	1							
23-1	1	129417-33111	NUT, OIL COOLER	1							R
(A=E14831)											
23-2	1	124085-35350	NUT, M20	1							F 2
(A=E167134)											
24	1	129006-35100	BRACKET ASSY, FILTER	1							
24-1	1	129508-35100	BRACKET ASSY, LO FILT	1							F 2
(A=E167134)											
25	2	119802-35110	BRACKET, FILTER	1							Z
(A=E167134)											
26	2	129417-35150	STUD, M20X67	1							Z
(A=E167134)											
26A	2	129006-35100	BRACKET ASSY, FILTER	1							W
(A=E167134)											
26B	3	119802-35110	BRACKET, FILTER	1							W
(A=E167134)											
26C	3	129417-35150	STUD, M20X67	1							W
(A=E167134)											
26D	2	129508-35150	COLLAR, OIL-COOLER	1							W
(A=E167134)											
27	1	129150-35111	GASKET, BRACKET	1							
28	1	129150-35170	FILTER ASSY, D80X80L	1							
29	1	129006-44480	JOINT, R02	1							
30	1	129508-49030	HOSE ASSY, COOLER IN	1							
31	2	171008-03990	CLAMP, HOSE 18.5	1							
33	2	23080-015000	CLAMP, 15	1							
34	1	129006-49040	HOSE ASSY, COOLER OUT	1							
35	2	171008-03990	CLAMP, HOSE 18.5	1							
37	2	129642-49180	TUBE, CORRUGATED 19	1							
38	2	23080-015000	CLAMP, 15	1							
39	1	129103-49301	ELBOW, PT1/4	1							
40	1	26106-080202	BOLT, M8X 20 PLATED	3							
41	1	114250-39450	SWITCH, HYDRAULIC	1							
42	1	124160-39140	BOLT, PIPE JOINT M10	1							
43	1	119802-39450	PIPE ASSY, OIL	1							
44	1	129005-59830	BOLT ASSY, JOINT M8	1							
45	2	22190-080002	WASHER, SEAL 8	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change
++ CONTINUE ++
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OCE10-M27001 YPU35V

Fig.32. LUB. OIL SYSTEM



OCE10-M27001 Fig.32

(A)=YPU35V
(B)=
(C)=

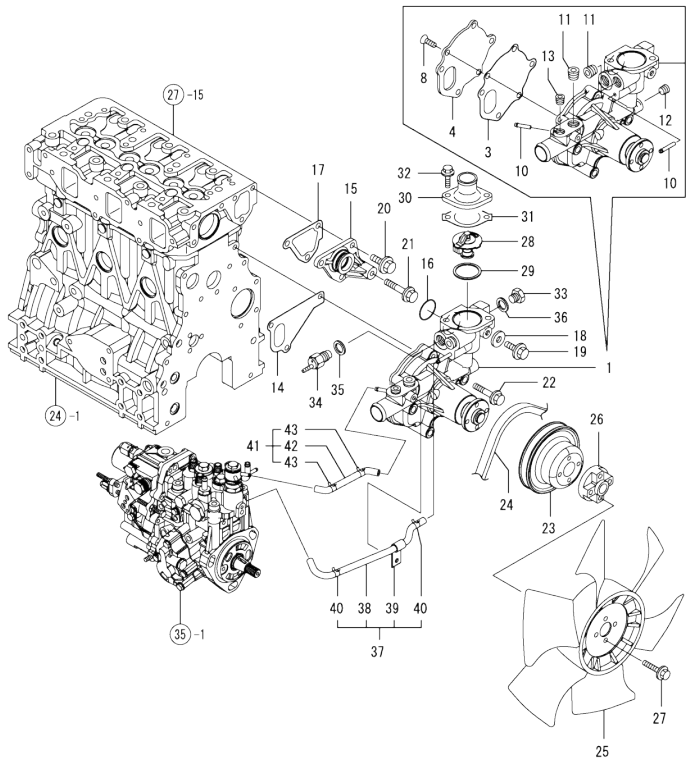
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46	2	23857-030000	BOLT, JOINT 3	1							
47	1	22190-080002	WASHER, SEAL 8	1							
48	1	22190-100002	WASHER, SEAL 10	2							
49	1	26366-060002	NUT, M6	1							
50	1	171056-49120	PLUG, DRAIN R1/4	1							

Remarks
(1) REPAIR PART.
(2) Interchangeable by simultaneous replacement with No.23-2, 24-1.

N:Old $\frac{Y_{10}}{10}$ New, Q:Old $\frac{R_{10}}{10}$ New, R:Old $\frac{Y_{10}}{10}$ New, S:Old $\frac{R_{10}}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.33. COOLING WATER SYSTEM



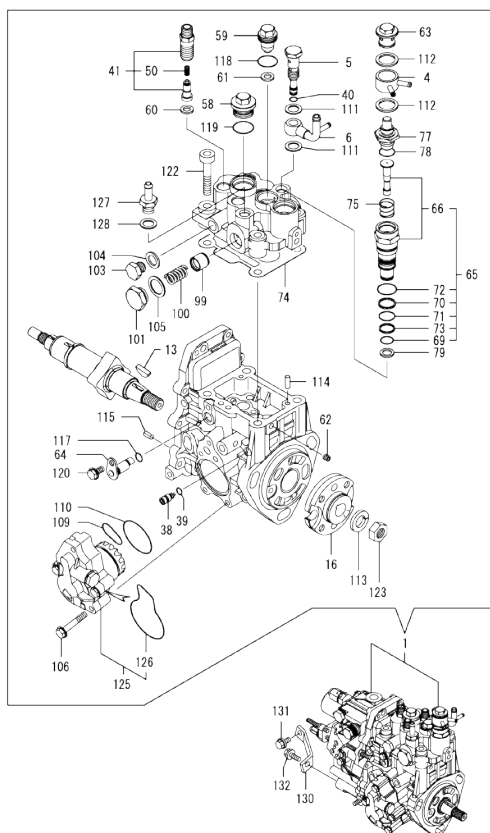
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
8	2	121850-42410	SCREW	3							
10	2	119802-49113	JOINT, PIPE	2							
11	2	129916-49740	PLUG, R03	2							
12	2	23876-010000	PLUG, R01	1							
13	2	23876-020000	PLUG, R02	1							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129403-42380	V-PULLEY, D=110	1							
24	1	25132-003800	V-BELT, A38	1							
25	1	129030-44740	FAN, COOLING D360XUG	1							
26	1	121267-44760	SPACER	1							
27	1	26106-060302	BOLT, M6X 30 PLATED	4							
28	1	129155-49801	THERMOSTAT, 71	1							
29	1	129150-49811	GASKET, THERMOSTAT	1							
30	1	129350-49530	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET	1							
32	1	26106-080222	BOLT, M8X 22 PLATED	2							
33	1	121450-42450	PLUG, M16	1							
34	1	121250-44901	SWITCH, 110	1							
35	1	124465-44950	GASKET, 16	1							
36	1	124465-44950	GASKET, 16	1							
37	1	129004-49610	PIPE ASSY, WATER	1							
38	2	129004-49711	PIPE ASSY, WATER	1							
39	2	119802-49730	RETAINER, PIPE	1							
40	2	124722-59050	CLIP, HOSE 9	2							
41	1	129004-49620	PIPE ASSY, WATER	1							
42	2	129004-49721	PIPE ASSY, WATER	1							
43	2	124722-59050	CLIP, HOSE 9	2							



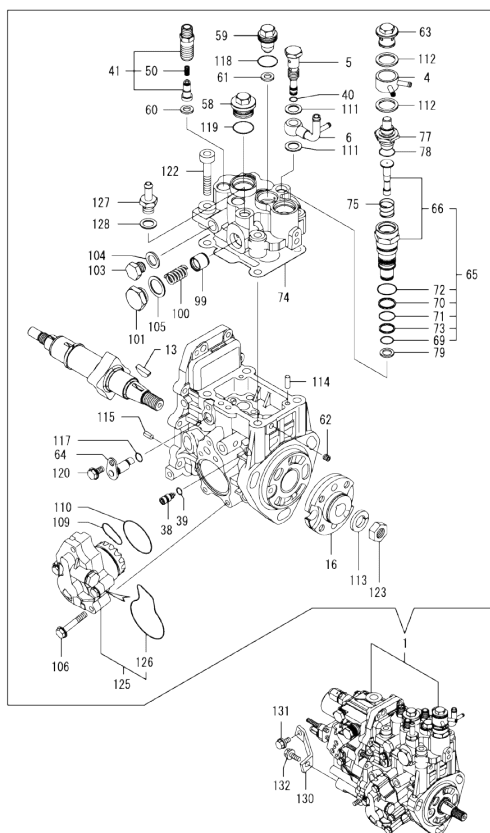
N:Old ☐ New. Q:Old ☐ New. R:Old ☐ New. S:Old ☐ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change



Remarks
(1) GOVERNOR ASSY(FIG.36) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP(REF.NO.1).

				OCE10-M27001		Fig.35					
				(A)=YPU35V		(D)=					
				(B)=		(E)=					
				(C)=		(F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729232-51391	PUMP ASSY, INJECTION	1							1
4	2	158553-51551	JOINT	1							
5	2	158601-51650	JOINT, OVER FLOW	1							
6	2	158552-51670	JOINT, OVER FLOW	1							
13	2	119802-51090	KEY, 4X16	1							
16	2	158552-51151	FLANGE	1							
38	2	158600-51270	STOPPER, TAPPET	1							
39	2	158563-51281	O-RING, 4D S6	1							
40	2	158563-51281	O-RING, 4D S6	1							
41	2	129008-51390	VALVE ASSY, DELIVERY	3							
50	3	158563-51330	SPRING, DELIVERY	3							
58	2	158601-51550	PLUG	1							
59	2	119802-51560	PLUG, BARREL	1							
60	2	158552-51571	GASKET	3							
61	2	158552-51571	GASKET	1							
62	2	158557-51570	PLUG	1							
63	2	158601-51570	PLUG	1							
64	2	158552-51580	LIFTER	1							
65	2	119802-51590	TIMER SET	1							
66	3	119802-51600	TIMER ASSY	1							
69	3	158553-51670	O-RING, 1011	1							
70	3	119802-51680	RING, BACK UP	1							
71	3	119802-51690	O-RING	1							
72	3	24356-010200	O-RING, 4D1020	1							
73	3	24372-000150	RING, BACK UP T2P15	1							
74	2	158552-51600	GASKET	1							
75	2	158553-51630	SPRING, TIMER	1							
77	2	158553-51650	ELEMENT	1							
78	2	158553-51660	O-RING, P14	1							
79	2	158553-51680	GASKET	1							
99	2	158601-51770	PISTON	1							
100	2	158552-51781	SPRING	1							
101	2	158601-51790	PLUG	1							
103	2	158553-51930	PLUG, M12	1							
104	2	22190-120002	WASHER, SEAL 12	1							
105	2	22190-180002	WASHER, SEAL 18	1							
106	2	158553-51770	BOLT	4							
109	2	158552-52310	O-RING	1							
110	2	158552-52400	O-RING, 4E S42	1							
111	2	22190-120002	WASHER, SEAL 12	2							
112	2	22190-180002	WASHER, SEAL 18	2							
113	2	22217-140000	WASHER, SPRING 14	1							
114	2	22312-050140	PIN, PARALLEL M5X14	2							
115	2	22351-050010	PIN, SPRING 5.0X10	2							
117	2	24311-000070	O-RING, 1AP7.0	1							
118	2	24356-010180	O-RING, 4D1018	1							
119	2	24356-010200	O-RING, 4D1020	1							
120	2	26106-060102	BOLT, M6X 10 PLATED	1							
122	2	26450-080452	BOLT, M8X 45	4							
123	2	26776-140002	NUT, LOCK M14	1							
125	2	158552-52100	PUMP ASSY, FUEL FEED	1							

N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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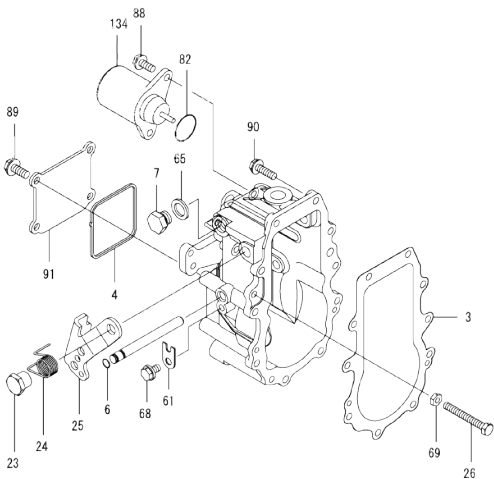
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
126	3	158552-52500	O-RING	1							
127	2	119934-59910	JOINT, PIPE	1							
128	2	22190-120002	WASHER, SEAL 12	1							
130	1	119802-51250	RETAINER, PUMP	1							
131	1	26106-080162	BOLT, M8X 16 PLATED	1							
132	1	26106-080202	BOLT, M8X 20 PLATED	1							

Remarks
(1) GOVERNOR ASSY(FIG.36) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP(REF.NO.1).

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

OCE10-M27001 YPU35V

Fig.36. GOVERNOR

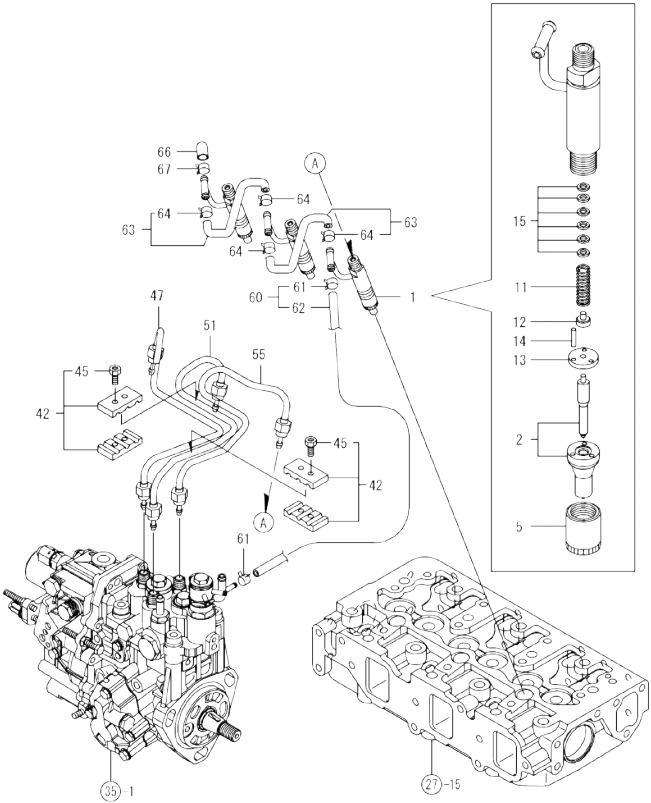


Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.35).

OCE10-M27001 Fig.36

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
23	2	129255-61410	NUT, LOCK	1							
24	2	119807-61420	SPRING, RETURN	1							
25	2	158552-61441	LEVER, REGULATOR	1							
26	2	129155-61460	BOLT, IDLE	1							
61	2	119660-61901	RETAINER, SHAFT	1							
65	2	22190-120002	WASHER, SEAL 12	1							
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26756-060002	NUT, LOCK M6	1							
82	2	158552-61900	O-RING	1							
88	2	26106-060142	BOLT, M6X 14 PLATED	2							
89	2	26106-060142	BOLT, M6X 14 PLATED	4							
90	2	26106-060202	BOLT, M6X 20 PLATED	10							
91	2	129642-61060	COVER, GOVERNOR CASE	1							
134	2	119653-77950	SOLENOID, STOP	1							

Fig.37. FUEL INJECTION VALVE



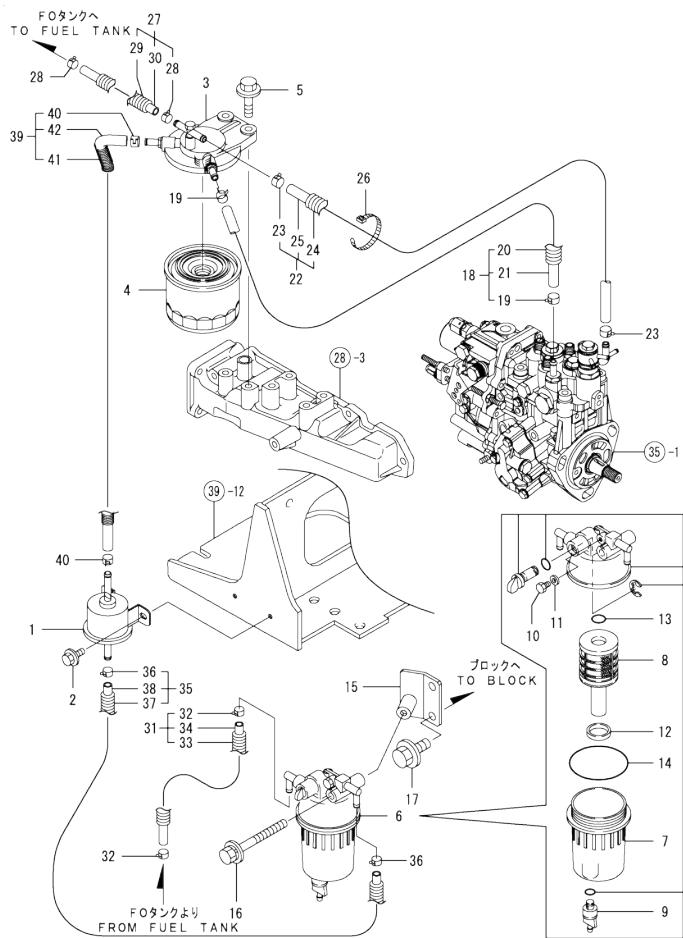
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729604-53200	VALVE ASSY,INJECTION	3							
2	2	129604-53000	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
11	2	114250-53120	SPRING, NOZZLE	3							
12	2	114250-53130	SEAT, SPRING	3							
13	2	114250-53140	PLATE	3							
14	2	114250-53210	PIN	6							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129004-59811	PIPE ASSY, INJECTION	1							
51	1	129004-59821	PIPE ASSY, INJECTION	1							
55	1	129004-59831	PIPE ASSY, INJECTION	1							
60	1	119802-59550	PIPE ASSY, RETURN	1							
61	2	124722-59050	CLIP, HOSE 9	2							
62	2	119802-59560	PIPE, FUEL RETURN	1							
63	1	129486-59551	PIPE ASSY, RETURN	2							
64	2	124722-59050	CLIP, HOSE 9	4							
66	1	119593-59581	CAP	1							
67	1	124060-77680	CLIP, HOSE 10	1							

OCE10-M27001 YPU35V

Fig.38. FUEL PIPE

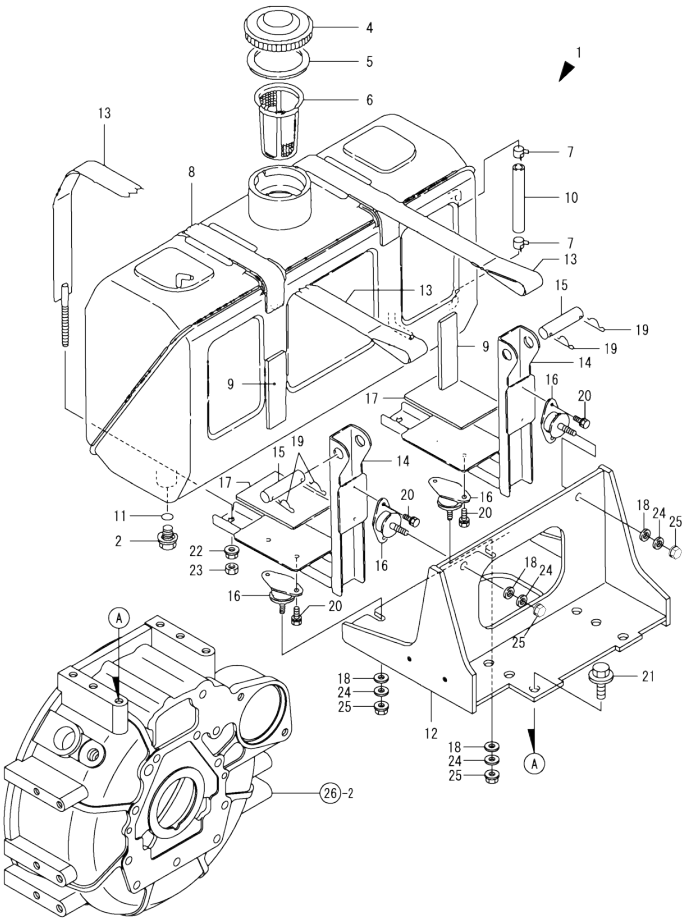


OCE10-M27001 Fig.38

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119225-52102	PUMP, FUEL FEED	1							
2	1	26106-060122	BOLT, M6X 12 PLATED	2							
3	1	129642-55611	BRACKET, FILTER	1							
3-1	1	129238-55610	BRACKET, FO FILTER	1							N
		(A=EU1856)									
4	1	119802-55810	FILTER, FUEL	1							
5	1	26106-080302	BOLT, M8X 30 PLATED	2							
6	1	129242-55710	SEPARATOR ASSY, WATER	1							
7	2	129242-55720	CUP, SEPARATOR	1							
8	2	129242-55730	ELEMENT, FUEL FILTER	1							
9	2	129242-55740	PLUG, DRAIN	1							
10	2	129242-55750	VALVE, AIR VENT	1							
11	2	129242-55760	GASKET, PLUG	1							
12	2	129242-55770	FLOAT	1							
13	2	24311-000160	O-RING, 1AP16.0	1							
14	2	24321-000750	O-RING, 1AG75.0	1							
15	1	129688-55720	BRACKET, SEPARATOR	1							
16	1	26014-080702	BOLT, M8X 70	1							
17	1	26106-100162	BOLT, M10X 16 PLATED	2							
18	1	129044-59010	HOSE ASSY, D13XL220	1							
19	2	124766-59050	CLAMP, HOSE 11.5	2							
20	2	129044-59100	TUBE, CORRUGATED 15	1							
21	2	129044-59510	HOSE, FUEL L=220	1							
22	1	129950-59311	HOSE ASSY, FUEL	1							
23	2	124766-59050	CLAMP, HOSE 11.5	2							
24	2	129961-59110	TUBE, CORRUGATED 15	1							
25	2	105025-59580	HOSE, FUEL	1							
26	1	121750-59890	BAND, NYLON	1							
27	1	129955-59050	PIPE ASSY, FUEL	1							
28	2	124766-59050	CLAMP, HOSE 11.5	2							
29	2	119560-59120	TUBE, CORRUGATED 15	1							
30	2	105425-59512	PIPE, FUEL	1							
31	1	129955-59050	PIPE ASSY, FUEL	1							
32	2	124766-59050	CLAMP, HOSE 11.5	2							
33	2	119560-59120	TUBE, CORRUGATED 15	1							
34	2	105425-59512	PIPE, FUEL	1							
35	1	129955-59050	PIPE ASSY, FUEL	1							
36	2	124766-59050	CLAMP, HOSE 11.5	2							
37	2	119560-59120	TUBE, CORRUGATED 15	1							
38	2	105425-59512	PIPE, FUEL	1							
39	1	129950-59311	HOSE ASSY, FUEL	1							
40	2	124766-59050	CLAMP, HOSE 11.5	2							
41	2	129961-59110	TUBE, CORRUGATED 15	1							
42	2	105025-59580	HOSE, FUEL	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.39. FUEL TANK



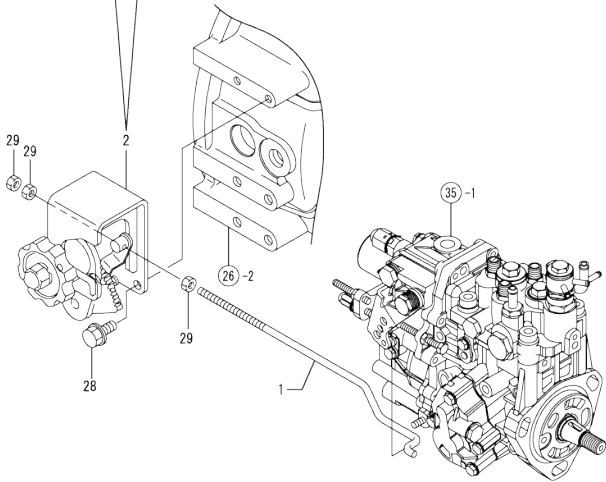
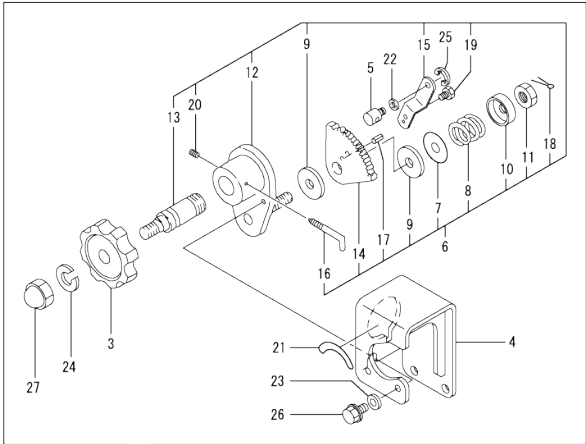
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	721400-55701-E	TANK ASSY, FUEL	1							
2	2	124060-01640	PLUG, M12	1							
4	2	101168-55040	CAP ASSY	1							
5	2	101504-55051	GASKET	1							
6	2	101504-55101	STRAINER, FUEL	1							
7	2	103854-55220	RETAINER	2							
8	2	121400-55830	SEAT, RUBBER	2							
9	2	121400-55870	FELT, FUEL TANK	2							
10	2	23061-050160	PIPE, 5X 160	1							
11	2	24311-000140	O-RING, 1AP14.0	1							
12	1	129688-55800	BRACKET, FUEL TANK	1							
13	1	121400-55821	BAND, TANK	2							
14	1	171048-55820	BRACKET, FUEL TANK	2							
15	1	171048-55840	PIN	2							
16	1	171048-55850	ABSORBER	4							
17	1	171048-55860	SEAT, RUBBER	2							
18	1	22117-080000	WASHER, 8	4							K
(A=FXXXXXX)											
19	1	22360-160000	PIN, SNAP 16	4							
20	1	26013-060142	BOLT, M6X 14	8							
21	1	26106-100202	BOLT, M10X 20 PLATED	6							
22	1	26306-080002	NUT, M8	2							
23	1	26756-080002	NUT, LOCK M8	2							
24	1	22217-080002	SPRING WASHER 8	4							W
(A=FXXXXXX)											
25	1	26306-080002	NUT, M8	4							W
(A=FXXXXXX)											

OCE10-M27001 YPU35V

Fig.40. CONTROL DEVICE



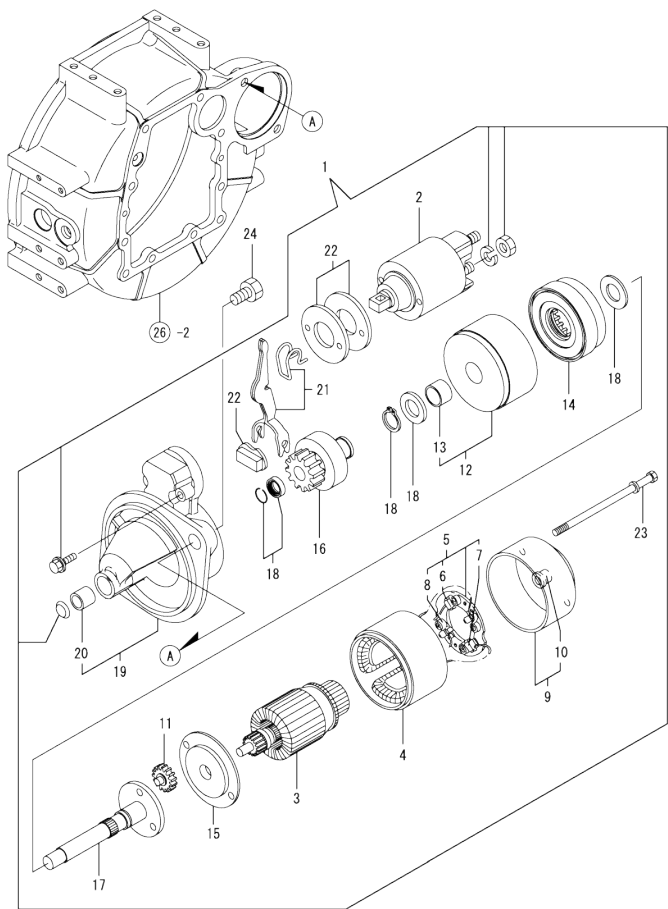
OCE10-M27001 Fig.40

(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129247-66120	LINK, ENGINE CONTROL	1							
2	1	119888-66161	CONTROLLER ASSY	1							
3	2	126650-66020	HANDLE, REGULATOR	1							
4	2	119888-66111	BRACKET	1							
5	2	119888-66130	PIVOT	1							
6	2	171048-67010	CONTROLLER ASSY	1							
7	3	171102-66080	WASHER	1							
8	3	104200-66820	SPRING	1							
9	3	104200-66831	PLATE, FRICTION	2							
10	3	104200-66850	WASHER	1							
11	3	104200-66860	NUT	1							
12	3	171085-67100	BRACKET	1							
13	3	171085-67110	SHAFT, DRIVE	1							
14	3	171085-67120	GEAR	1							
15	3	171048-67130	LEVER	1							
16	3	171048-67140	STOPPER	1							
17	3	22351-020006	PIN, SPRING 2.0X 6	1							
18	3	22411-200150	COTTER PIN	1							
19	3	26116-060082	BOLT, M6X 8 PLATED	1							
20	3	26921-050122	SCREW, M5X12	1							
21	2	170064-67210	LABEL, HANDLE	1							
22	2	22117-060000	WASHER, 6	1							
23	2	22137-100000	WASHER, 10	1							
24	2	22217-100000	WASHER, SPRING 10	1							
25	2	22272-000050	RING, E- 5	1							
26	2	26106-060102	BOLT, M6X 10 PLATED	2							
27	2	26657-100002	NUT, CAP M10	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	2							
29	1	26756-050002	NUT, LOCK M5	3							

Fig.41. STARTER MOTOR



(A)=YPU35V
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER	1							
2	2	129698-77020	MAGNETIC SWITCH ASSY	1							
3	2	129242-77100	ARMATURE ASSY	1							
4	2	129242-77110	YOKE ASSY	1							
5	2	129242-77120	BRUSH HOLDER ASSY	1							
6	3	129242-77130	BRUSH(-)	2							
7	3	129242-77140	BRUSH(+) SET	1							
8	3	129242-77150	BRUSH SPRING	4							
9	2	129242-77160	REAR COVER ASSY	1							
10	3	129242-77170	REAR COVER METAL	1							
11	2	118400-77170	GEAR	3							
12	2	129242-77180	CENTER BRACKET(P)	1							
13	3	129698-77190	BRACKET	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	CENTER BRACKET(A)	1							
16	2	129698-77220	PINION ASSY	1							
17	2	129698-77230	SHAFT(PINION)	1							
18	2	129698-77250	WASHER SET	1							
19	2	129242-77260	GEAR CASE ASSY	1							
20	3	X2114535200	METAL, STARTER	1							
21	2	129242-77270	SHIFT LEVER SET	1							
22	2	129242-77280	DUST COVER KIT	1							
23	2	124195-77770	THROUGH BOLT	2							
24	1	26116-120202	BOLT, M12X 20 PLATED	2							

Fig.42. GENERATOR

(D)=
(E)=

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

[illegible]

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

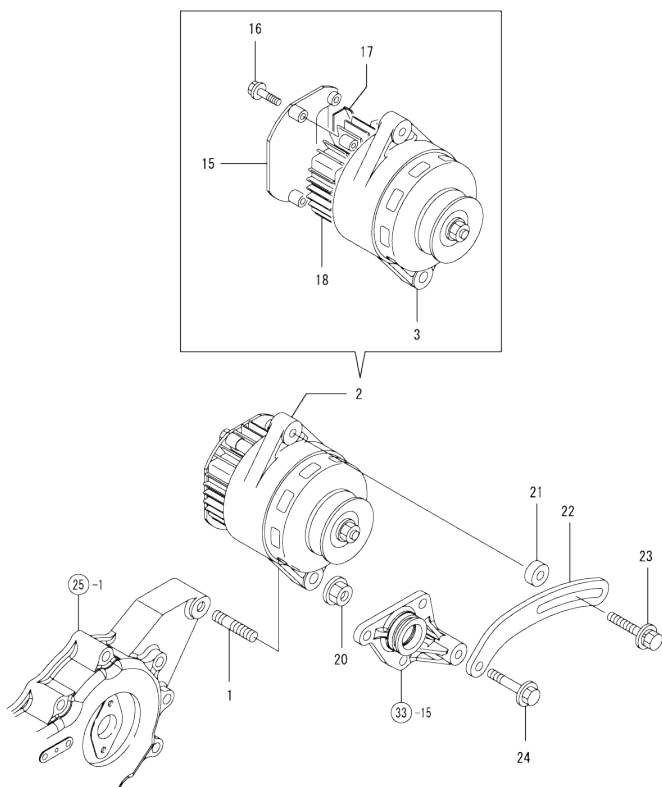
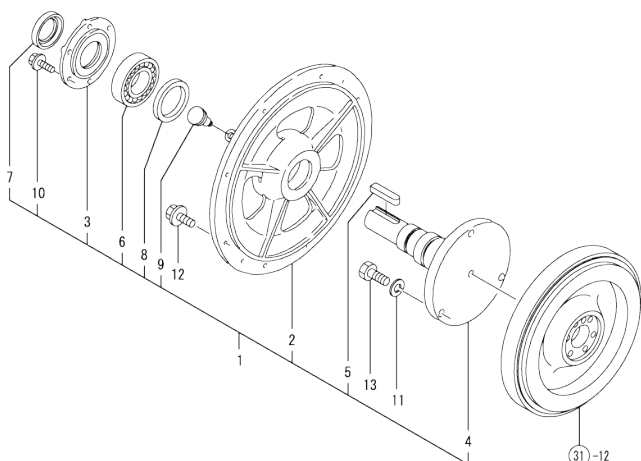


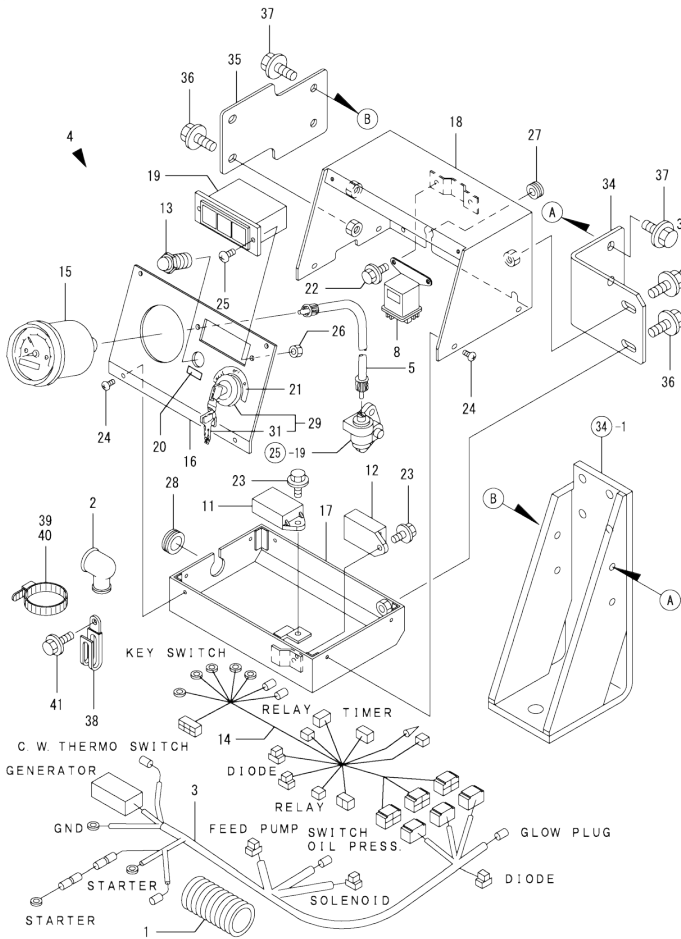
Fig.43. OUTPUT SHAFT



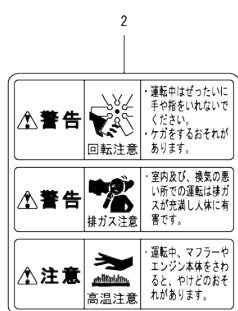
				(A)=YPU35V (B)= (C)=	0CE10-M27001 Fig.43					
No.	Lev.	Parts No.	Description	(A)	(B)	Qty (C) (D) (E) (F)				I R
1	1	119888-89100	SHAFT, STUB	1						
2	2	119888-89110	HOUSING, BEARING	1						
3	2	171048-89120	CASE, OIL SEAL	1						
4	2	119888-89210	SHAFT	1						
5	2	22512-100700	KEY, 10X 70	1						
6	2	24151-222090	BEARING, 22209	1						
7	2	24421-456209	SEAL, OIL TC456209	1						
8	2	24421-557209	SEAL, OIL TC557209	1						
9	2	24754-320020	CUP, GREASE 32X1/4	1						
10	2	26106-080202	BOLT, M8X 20 PLATED	6						
11	1	22217-120000	WASHER, SPRING 12	3						
12	1	26106-100222	BOLT, M10X 22 PLATED	8						
13	1	26206-120352	BOLT, M12X 35 PLATED	3						

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.44. INSTRUMENT PANEL

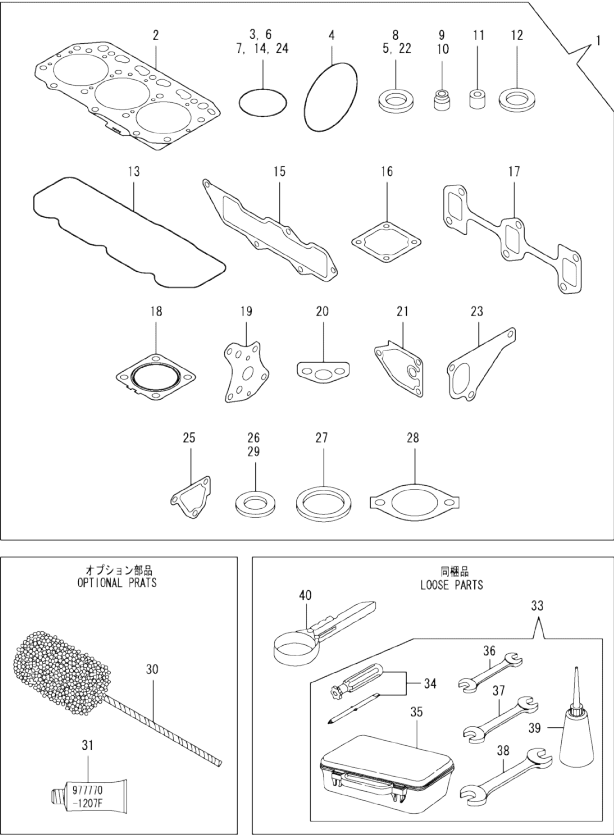


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	170124-59100	TUBE, CORRUGATE 32	1							
2	1	124550-77030	COVER, TERMINAL B	1							
3	1	119717-91020	HARNESS, WIRE	1							
4	1	119717-91100	PANEL ASSY	1							
5	2	194145-56901	CABLE ASSY, METER	1							
8	2	119650-77910	RELAY ASSY, GLOW	1							
11	2	128300-77920	TIMER, GLOW PLUG	1							
12	2	129211-77920	TIMER, SECTION 1	1							
13	2	124559-77971	LAMP, PILOT	1							
14	2	119717-91030	HARNESS, WIRE B	1							
15	2	171080-91101	TACHOMETER	1							
16	2	119717-91110	BODY, PANEL	1							
17	2	119717-91120	BOX, PANEL LOWER	1							
18	2	119717-91130	COVER, GAUGE PANEL	1							
19	2	170038-91310	LAMP UNIT	1							
20	2	119717-91610	LABEL, ALARM LAMP	1							
21	2	119888-91620	LABEL, KEY SWITCH	1							
22	2	26106-060082	BOLT, M6X 8 PLATED	2							
23	2	26106-060122	BOLT, M6X 12 PLATED	2							
24	2	26557-040062	SCREW, M4X 6	9							
25	2	26557-050102	SCREW, M5X10	2							
26	2	26716-050002	NUT, M5	2							
27	2	29331-092000	GROMET, 8.5X2	1							
28	2	29331-162000	GROMET, 16.0X2	1							
29	2	933110-00100	SWITCH ASSY, STARTER	1							
31	3	933110-00301	KEY ASSY	1							
34	1	119717-91140	BRACKET, PANEL A	1							
35	1	119717-91150	BRACKET, PANEL B	1							
36	1	26106-080122	BOLT, M8X 12 PLATED	4							
37	1	26106-080162	BOLT, M8X 16 PLATED	4							
38	1	194180-51640	CLAMP, HARNESS D	1							
39	1	121750-59890	BAND, NYLON	1							
40	1	121750-59890	BAND, NYLON	1							
41	1	26106-100122	BOLT, M10X 12 PLATED	1							Z
(A=E182408)											

[illegible]

OCE10-M27001 YPU35V

Fig.46. GASKET SET



Remarks
(1) OPTIONAL PART.

OCE10-M27001 Fig.46

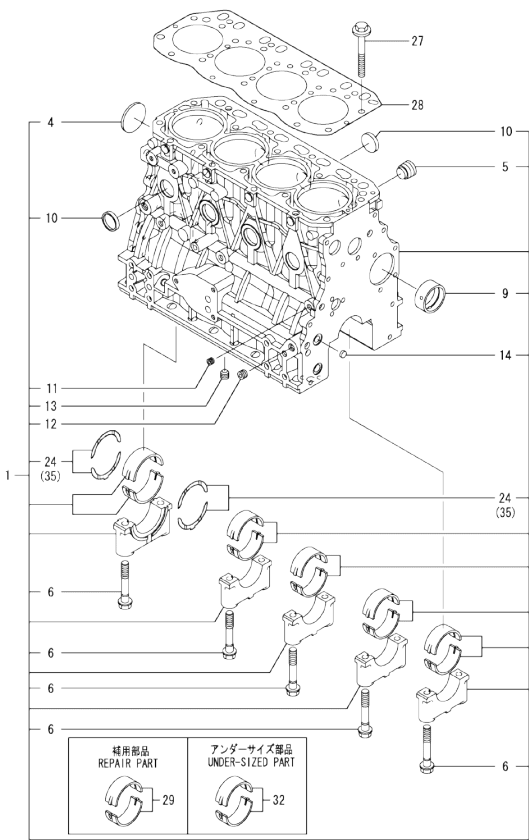
(A)=YPU35V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-92810	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	119609-32040	O-RING, P16	2							
4	2	121850-51960	O-RING	1							
5	2	22190-080002	WASHER, SEAL 6	7							
6	2	24311-000320	O-RING, 1AP32.0	2							
7	2	24341-000240	O-RING, 1AS24.0	1							
8	2	22190-220002	WASHER, SEAL 22	1							
9	2	121400-11340	SEAL, VALVE STEM	3							
10	2	124460-11340	SEAL, VALVE STEM	3							
11	2	119802-11870	PROTECTOR, NOZZLE	3							
12	2	119625-11880	SEAT, NOZZLE	3							
13	2	129004-11310	GASKET, BONNET	1							
14	2	24311-000120	O-RING, 1AP12.0	3							
15	2	129001-12110	GASKET, MANIFOLD	1							
16	2	129150-77511	GASKET	1							
17	2	129150-13110	GASKET	1							
18	2	129004-13200	GASKET, SILENCER	3							
19	2	129150-32020	GASKET, PUMP	1							
20	2	129150-35042	GASKET	1							
21	2	129150-35111	GASKET	1							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	129486-42021	GASKET, WATER PUMP	1							
24	2	129486-42140	O-RING, G30	1							
25	2	124395-49840	GASKET	1							
26	2	23414-080000	GASKET, 8X1.0	1							
27	2	129150-49811	GASKET, THERMOSTAT	1							
28	2	129795-49551	GASKET	1							
29	2	124465-44950	GASKET, 16	2							
30	1	129400-92430	HONE	1							1
31	1	977770-1207F	GASKET, LIQUID	1							1
33	1	721400-92102	BOX ASSY, TOOL	1							
34	2	104200-92350	DRIVER, SCREW	1							
35	2	104200-92600	BOX, TOOL	1							
36	2	28110-100120	SPANNER, 10X12	1							
37	2	28110-140170	SPANNER, 14X17	1							
38	2	28110-190220	SPANNER, 19X22	1							
39	2	28210-000140	OILER	1							
40	1	127610-92750	WRENCH, FILTER	1							

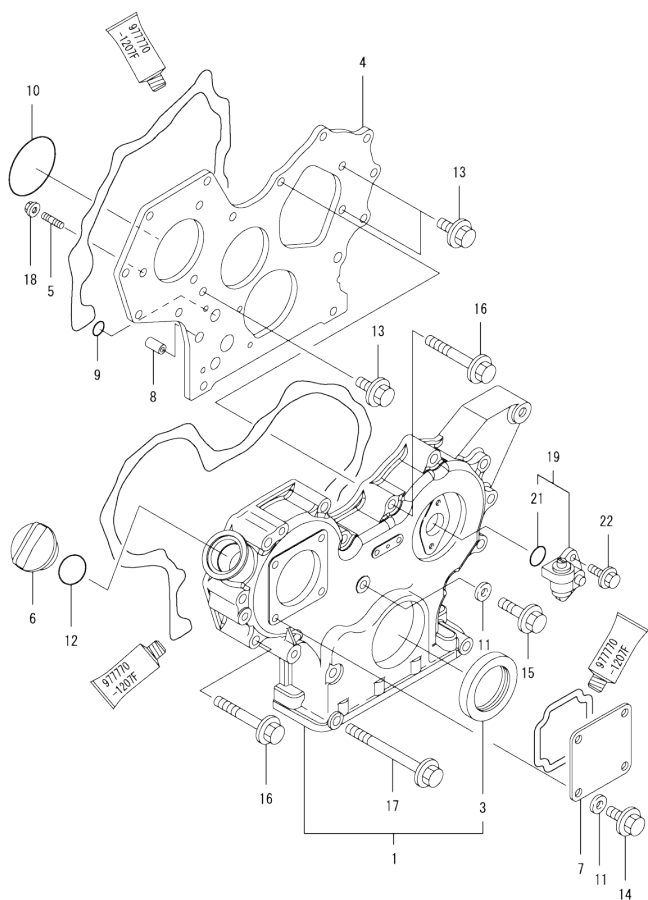
N:Old $\frac{YHS}{10}$ New, Q:Old $\frac{HIS}{10}$ New, R:Old $\frac{YHS}{10}$ New, S:Old $\frac{HIS}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.47. CYLINDER BLOCK



Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

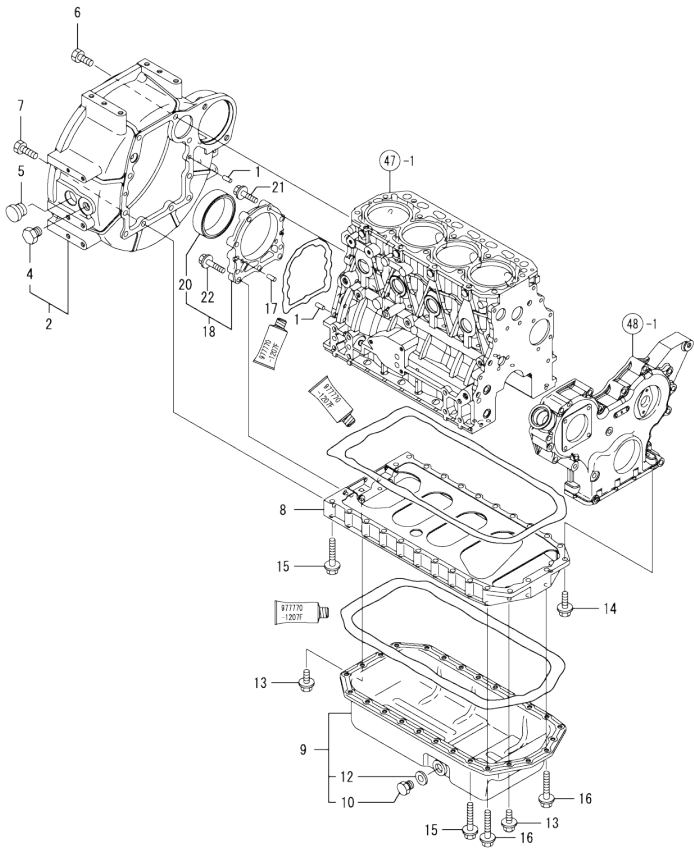
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729602-01560	BLOCK ASSY, CYLINDER	1							
4	2	129001-01250	PLUG, 50	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129150-02020	BOLT, METAL CAP	10							
9	2	129795-02412	BUSH, CAMSHAFT	1							
10	2	27241-300000	PLUG 30	8							
11	2	124060-01050	PLUG, PT1/8	1							
12	2	124160-01910	PLUG, PT1/4	2							
13	2	124160-01910	PLUG, PT1/4	1							
14	2	27241-120000	PLUG, 12	2							
24	2	129150-02931	BEARING, THRUST	2							
27	1	129150-01200	BOLT, HEAD	18							
28	1	129407-01340	GASKET, HEAD	1							
29	1	129001-02931	BEARING, MAIN	5							1
32	1	129150-02871	BEARING, 0.25 US	5							2
35	1	129150-02941	BEARING, THRUST 0.25	1							3



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719803-01500	CASE ASSY, GEAR	1							
3	2	719934-01800	SEAL, OIL	1							
4	1	719803-01520	FLANGE, GEAR CASE	1							
5	1	719802-01561	STUD, M8X25	3							
6	1	124160-01751	COVER, FILLER	1							
7	1	124240-01871	COVER	1							
8	1	129795-01950	PIPE, KNOCK L=18	2							
9	1	119609-32040	O-RING, P16	2							
10	1	121850-51960	O-RING	1							
11	1	22190-080002	WASHER, SEAL 6	5							
12	1	24311-000320	O-RING, 1AP32.0	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	3							
14	1	26106-080162	BOLT, M8X 16 PLATED	4							
15	1	26106-080302	BOLT, M8X 30 PLATED	1							
16	1	26106-080552	BOLT, M8X 55 PLATED	12							
17	1	26106-080852	BOLT, M8X 85 PLATED	3							
18	1	26306-080002	NUT, M8	3							
19	1	129150-91400	GEAR	1							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	2							

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:Qty Change
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Fig.49. FLYWHEEL HOUSING & OIL SUMP

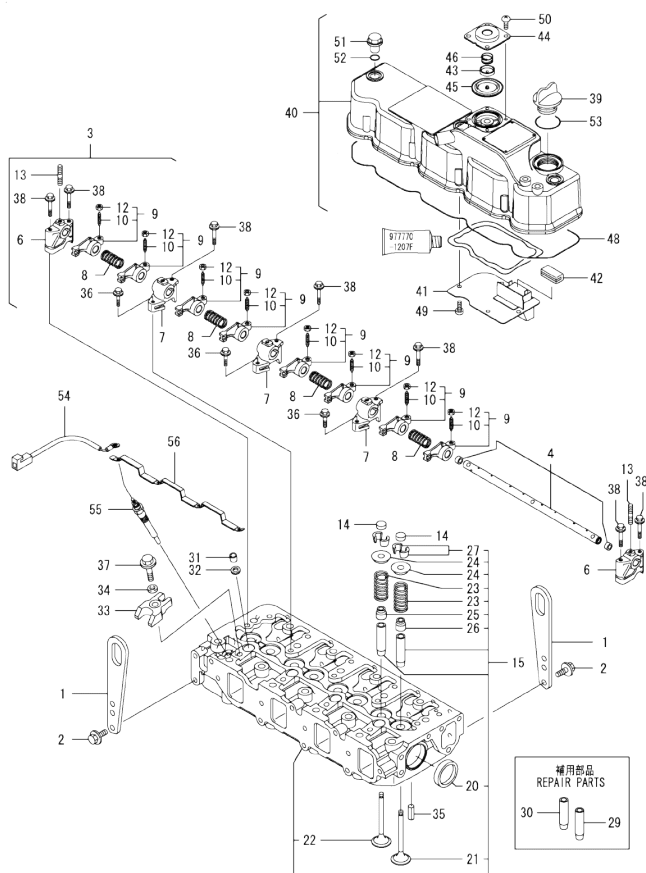


(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119888-01601	HOUSING, FLYWHEEL	1							
4	2	129486-35210	PLUG, 3/4-16UNF	1							
5	1	119620-01750	CAP	1							
6	1	26206-100252	BOLT, M10X 25 PLATED	6							
7	1	26206-100302	BOLT, M10X 30 PLATED	4							
8	1	129400-01730	SPACER, OIL SUMP	1							
9	1	129400-01770	SUMP ASSY, OIL	1							
9-1	1	129688-01780	OIL PAN ASSY, DEEP	1							N
(A=EM9932)											
10	2	119640-01640	PLUG, DRAIN M22	1							
12	2	22190-220002	WASHER, SEAL 22	1							
13	1	26106-080162	BOLT, M8X 16 PLATED	4							
14	1	26106-080252	BOLT, M8X 25 PLATED	2							
15	1	26106-080452	BOLT, M8X 45 PLATED	20							
16	1	26106-080502	BOLT, M8X 50 PLATED	4							
17	1	129100-01580	PIN, M8X16	2							
18	1	129100-01640	CASE ASSY, OIL SEAL	1							
20	2	129795-01780	SEAL, OIL	1							
21	1	129486-01670	BOLT, M8X30	6							
22	1	26106-080352	BOLT, M8X 35 PLATED	3							

Fig.50. CYLINDER HEAD & BONNET



Remarks
(1) Spare parts.

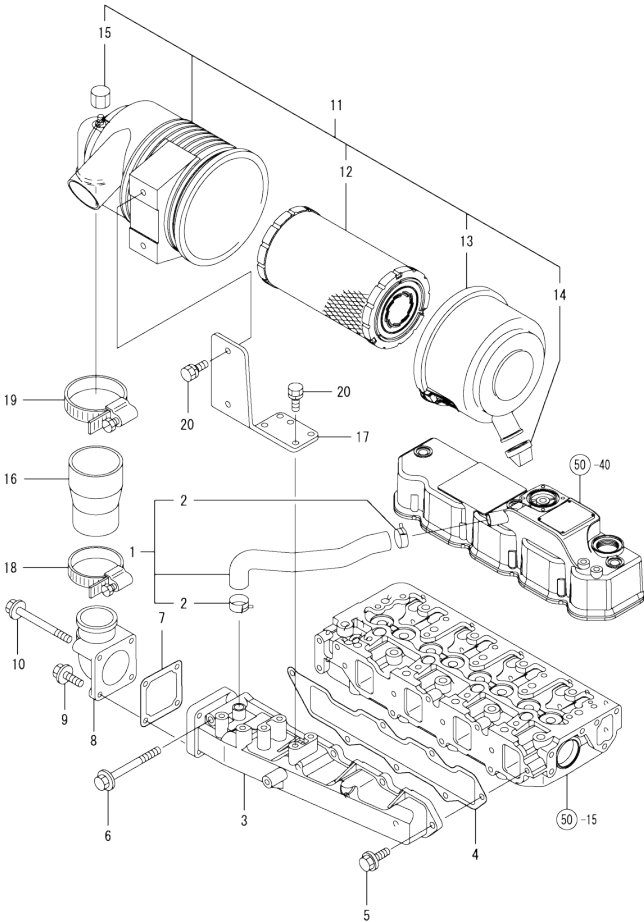
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER, ENGINE	2							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129601-11241	SHAFT ASSY, ROCKER	1							
4	2	129601-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	3							
8	2	129150-11280	SPRING, SHAFT	4							
9	2	129004-11650	ARM ASSY, ROCKER	8							
10	3	129150-11230	SCREW, VALVE ADJUST	8							
12	3	129150-11750	NUT, M8XP1.0	8							
13	2	26226-080182	STUD, M8X 18	3							
14	1	129150-11370	CAP, VALVE	8							
15	1	129604-11700	HEAD ASSY, CYLINDER	1							
15-1	1	129688-11700	HEAD ASSY, CYLINDER	1							N
(A=E123856)											
20	2	27241-400000	PLUG, 40	2							
21	2	129005-11100	VALVE, INTAKE	4							
22	2	129100-11112	VALVE, EXHAUST	4							
23	2	129795-11120	SPRING, VALVE	8							
24	2	129795-11180	RETAINER, SPRING	8							
25	2	121400-11340	SEAL, VALVE STEM	4							
26	2	124460-11340	SEAL, VALVE STEM	4							
27	2	27310-080001	COTTER, 8	8							
29	1	120130-11860	GUIDE, VALVE	4							1
30	1	129150-11810	GUIDE, VALVE	4							1
31	1	119802-11870	PROTECTOR, NOZZLE	4							
32	1	119625-11880	SEAT, NOZZLE	4							
33	1	129004-11900	RETAINER, NOZZLE	4							
34	1	120270-54410	WASHER, INJECTOR	4							
35	1	22351-060012	PIN, SPRING 6.0X12	2							
36	1	26106-080252	BOLT, M8X 25 PLATED	3							
37	1	26106-080352	BOLT, M8X 35 PLATED	4							
38	1	26106-080502	BOLT, M8X 50 PLATED	7							
39	1	124160-01751	CAP, FILLER	1							
40	1	129601-11350	BONNET ASSY, HEAD	1							
41	2	129004-03010	PLATE, BAFFLE	1							
42	2	129150-03070	BAFFLE, BREATHER	1							
43	2	119802-03110	PLATE, DIAPHRAGM	1							
44	2	119802-03121	COVER, DIAPHRAGM	1							
45	2	119802-03130	DIAPHRAGM, BREATHER	1							
46	2	119802-03141	SPRING, DIAPHRAGM	1							
48	2	129601-11310	GASKET, BONNET	1							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500100	SCREW, 5X10	4							
51	1	124160-11360	KNOB, BONNET	3							
52	1	24311-000120	O-RING, 1AP12.0	3							
53	1	24311-000320	O-RING, 1AP32.0	1							
54	1	119803-77830	HARNES, WIRE	1							
55	1	129008-77800	PLUG, GLOW	4							
56	1	129604-77821	CONNECTOR, GLOW PLUG	1							

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

OCE10-M27001 YPU45V

Fig.51. SUCTION MANIFOLD & AIR CLEANER

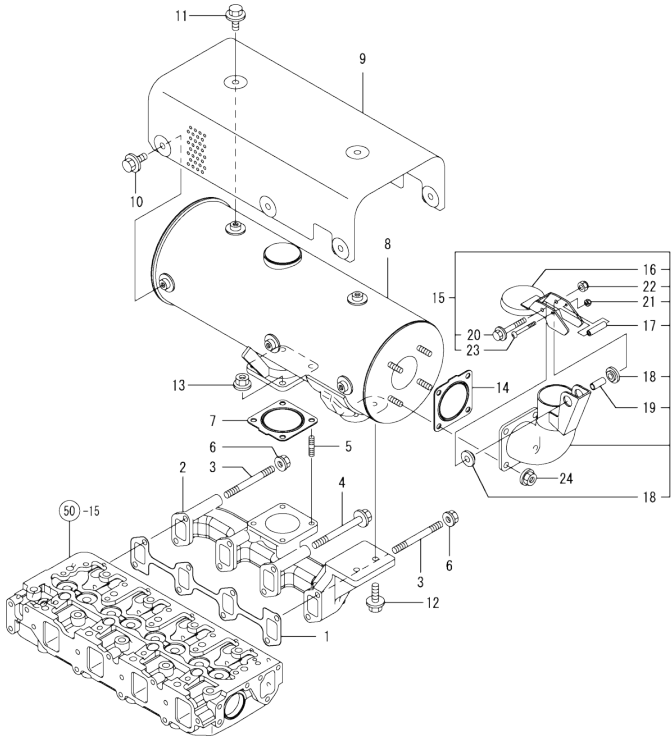


OCE10-M27001 Fig.51

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129601-03080	PIPE , BREATHER	1							
2	2	129410-03990	CLAMP 22	2							
3	1	129601-12100	MANIFOLD, AIR INTAKE	1							
4	1	129407-12110	GASKET, MANIFOLD	1							
5	1	26106-080202	BOLT, M8X 20 PLATED	6							
6	1	26106-080802	BOLT, M8X 80 PLATED	1							
7	1	129150-77511	GASKET	1							
8	1	119803-77520	BEND, AIR HEATER	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	2							
10	1	26106-080802	BOLT, M8X 80 PLATED	2							
11	1	129601-12500	CLEANER ASSY, AIR	1							
12	2	129906-12520	ELEMENT	1							
13	2	129457-12530	COVER	1							
14	2	119808-12540	VALVE, UNLOADER	1							
15	2	121820-12590	NIPPLE	1							
16	1	129642-12550	PIPE, AIR INTAKE	1							
17	1	129508-12560	BRACKET, AIR CLEANER	1							
18	1	23000-060000	CLAMP, 60	1							
19	1	23000-080000	CLAMP, 80	1							
20	1	26013-080222	BOLT, M8X 22	6							

OCE10-M27001 YPU45V

Fig.52. EXHAUST MANIFOLD & SILENCER



OCE10-M27001 Fig.52

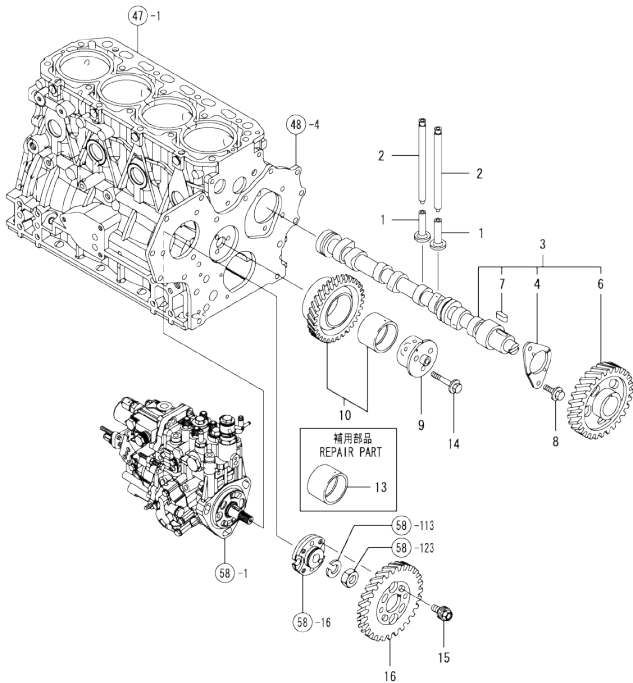
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129550-13110	GASKET	1							
2	1	129601-13110	MANIFOLD, EXHAUST	1							
3	1	123900-13610	STUD, M8X80	2							
4	1	123900-13630	BOLT, M8X80	6							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	129930-13201	GASKET, SILENCER	1							
8	1	129688-13500	SILENCER	1							
9	1	129411-13600	COVER, SILENCER	1							
10	1	26106-080102	BOLT, M8X 10 PLATED	6							
11	1	26106-080142	BOLT, M8X 14 PLATED	2							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26306-080002	NUT, M8	4							
14	1	129930-13201	GASKET, SILENCER	1							
15	1	123925-13600	PIPE ASSY, TAIL	1							
16	2	128300-13640	CAP	1							
17	2	121855-13821	SPACER, A	1							
18	2	121855-13830	SPACER, B	2							
19	2	123500-13840	SPACER, C	1							
20	2	26106-060402	BOLT, M6X 40 PLATED	1							
21	2	26347-040002	NUT, M4	1							
22	2	26347-060002	NUT, M6	1							
23	2	26557-040352	SCREW, M4X35	1							
24	1	26306-080002	NUT, M8	4							

OCE10-M27001 YPU45V

Fig.53. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

OCE10-M27001 Fig.53

(A)=YPU45V
(B)=
(C)=

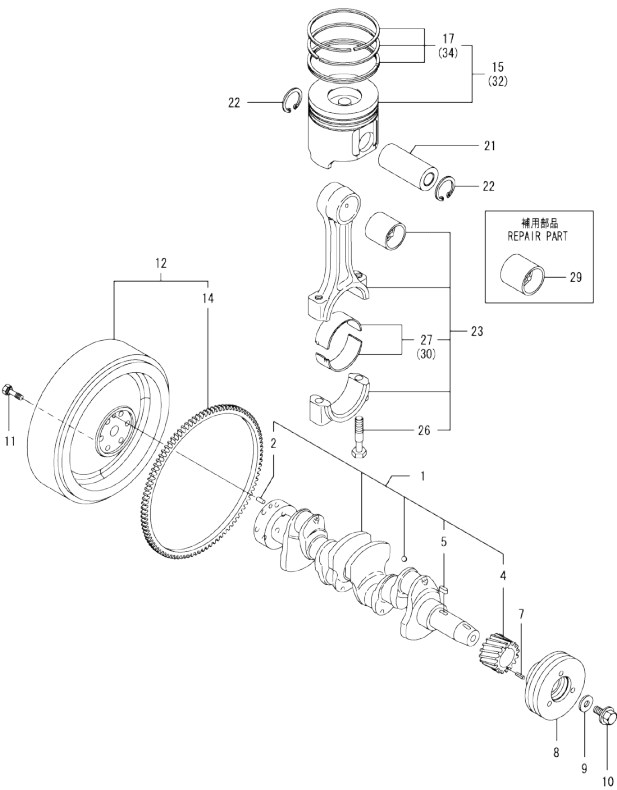
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129150-14400	ROD, PUSH L=178	8							
3	1	729402-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	119802-25071	BUSH, IDLE GEAR	1							1
14	1	26106-080402	BOLT, M8X 40 PLATED	3							
15	1	129150-25301	BOLT	4							
16	1	119802-25901	GEAR, PUMP	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCE10-M27001 YPU45V

Fig.54. CRANKSHAFT & PISTON



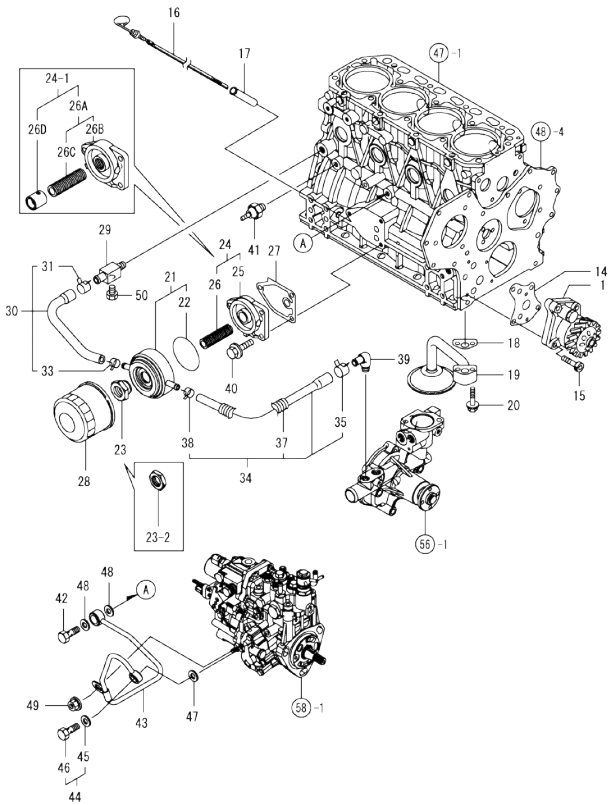
Remarks
(1) REPAIR PART.
(2) UNDER-SIZED(U.S=0.25)PART.
(3) OVER-SIZED(O.S=0.25)PART.

OCE10-M27001 Fig.54

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129604-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119803-21200	GEAR, CRANKSHAFT	1							
5	2	22512-070140	KEY, 7X 14	1							
7	1	22351-030010	PIN, SPRING 3.0X10	1							
8	1	119802-21650	V-PULLEY, 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129488-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	129005-22080	PISTON ASSY	4							
17	2	129005-22500	RING SET, PISTON	4							
21	1	129202-22300	PIN, PISTON D26 L70	4							
22	1	22252-000260	RING, 26	8							
23	1	729402-23100	ROD ASSY, CONNECTING	4							
26	2	121550-23200	BOLT, CONNECTING ROD	8							
27	2	129150-23601	BEARING, CRANK PIN	4							
29	1	129100-23910	BEARING, PISTON PIN	4							1
30	1	129150-23611	BEARING, 0.25 US	4							2
32	1	129005-22900	PISTON ASSY, 0.25 OS	4							3
34	2	129005-22950	RING SET, 0.25 OS	4							3

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.55. LUB. OIL SYSTEM



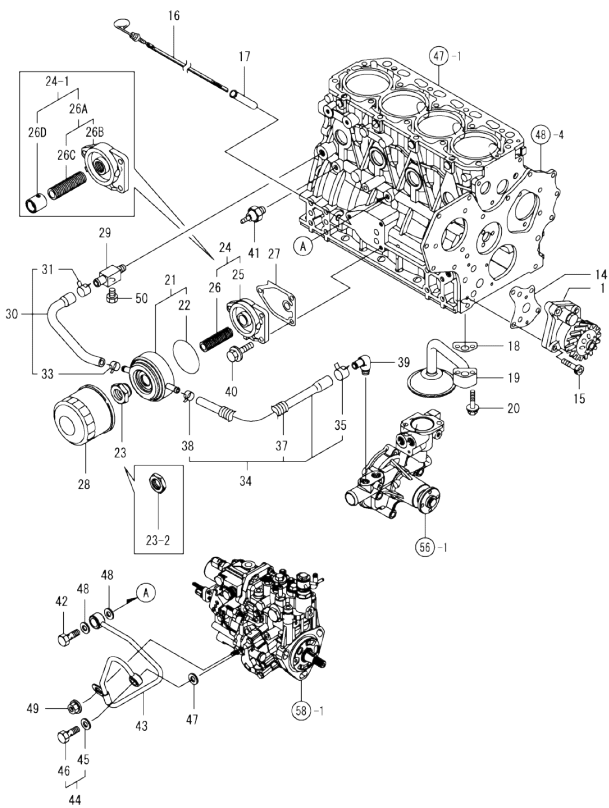
Remarks
(1) REPAIR PART.
(2) Interchangeable by simultaneous replacement with No.23-2, 24-1.

										OCE10-M27001 Fig.55	
										(A)=YPU45V (B)= (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-32000	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	129004-34802	DIPSTICK, OIL	1							
17	1	121520-34810	GUIDE, DIPSTICK	1							
18	1	129150-35042	GASKET, INLET PIPE	1							
19	1	129436-35091	PIPE ASSY, OIL INLET	1							
19-1	1	129436-35070	PIPE ASSY, OIL INLET	1							S
(A=EZZZZZ)											
20	1	26106-080352	BOLT, M8X 35 PLATED	2							
20-1	1	26106-080552	BOLT, M8X 55 PLATED	2							S
(A=EZZZZZ)											
21	1	129508-33010	COOLER ASSY, OIL	1							
21-1	1	129508-33031	COOLER ASSY, OIL	1							R
(A=E165489)											
22	2	129508-33050	O-RING	1							
22-1	2	129508-33060	GASKET, COOLER	1							R
(A=E165489)											
23	1	129417-33110	NUT, OIL COOLER	1							
23-1	1	129417-33111	NUT, OIL COOLER	1							R
(A=EK4983)											
23-2	1	124085-35350	NUT, M20	1							F 2
(A=E165489)											
24	1	129006-35100	BRACKET ASSY, FILTER	1							
24-1	1	129508-35100	BRACKET ASSY, LO FILT	1							F 2
(A=E165489)											
25	2	119802-35110	BRACKET, FILTER	1							Z
(A=E165489)											
26	2	129417-35150	STUD, M20X67	1							Z
(A=E165489)											
26A	2	129006-35100	BRACKET ASSY, FILTER	1							W
(A=E165489)											
26B	3	119802-35110	BRACKET, FILTER	1							W
(A=E165489)											
26C	3	129417-35150	STUD, M20X67	1							W
(A=E165489)											
26D	2	129508-35150	COLLAR, OIL-COOLER	1							W
(A=E165489)											
27	1	129150-35111	GASKET, BRACKET	1							
28	1	129150-35170	FILTER ASSY, D80X80L	1							
29	1	129006-44480	JOINT, R02	1							
30	1	129508-49030	HOSE ASSY, COOLER IN	1							
31	2	171008-03990	CLAMP, HOSE 18.5	1							
33	2	23080-015000	CLAMP, 15	1							
34	1	129508-49040	HOSE ASSY, COOLER OUT	1							
35	2	171008-03990	CLAMP, HOSE 18.5	1							
37	2	119940-59130	TUBE, CORRUGATED 19	1							
38	2	23080-015000	CLAMP, 15	1							
39	1	129103-49301	ELBOW, PT1/4	1							
40	1	26106-080202	BOLT, M8X 20 PLATED	3							
41	1	114250-39450	SWITCH, HYDRAULIC	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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OCE10-M27001 YPU45V

Fig.55. LUB. OIL SYSTEM



Remarks
(1) REPAIR PART.
(2) Interchangeable by simultaneous replacement with No.23-2, 24-1.

OCE10-M27001 Fig.55

(A)=YPU45V
(B)=
(C)=

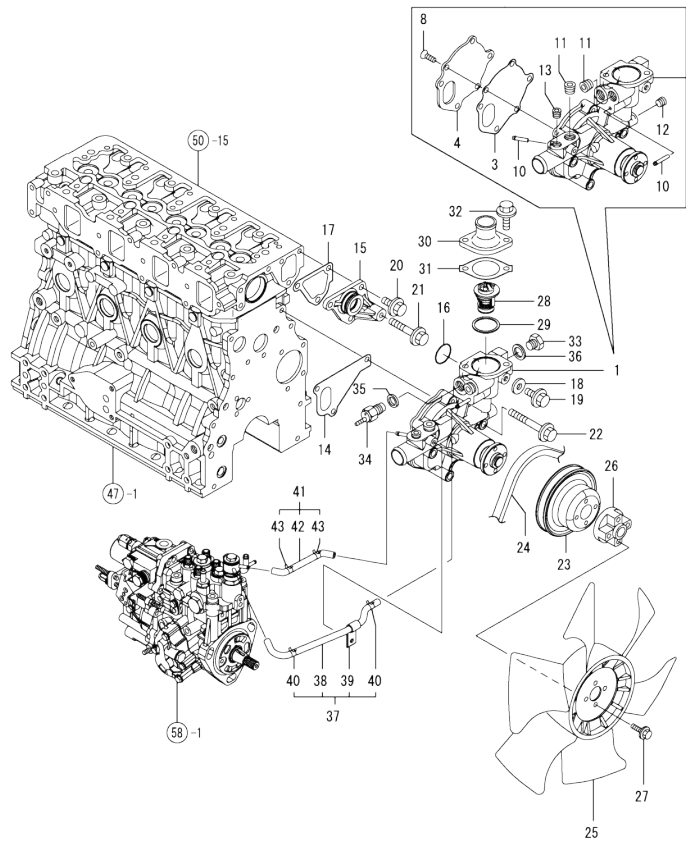
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	1	124160-39140	BOLT, PIPE JOINT M10	1							
43	1	119802-39450	PIPE ASSY, OIL	1							
44	1	129005-59830	BOLT ASSY, JOINT M8	1							
45	2	22190-080002	WASHER, SEAL 8	1							
46	2	23857-030000	BOLT, JOINT 3	1							
47	1	22190-080002	WASHER, SEAL 8	1							
48	1	22190-100002	WASHER, SEAL 10	2							
49	1	26366-060002	NUT, M6	1							
50	1	171056-49120	PLUG, DRAIN R1/4	1							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{R10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{R10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCE10-M27001 YPU45V

Fig.56. COOLING WATER SYSTEM



OCE10-M27001 Fig.56

(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
8	2	121850-42410	SCREW	3							
10	2	119802-49113	JOINT, PIPE	2							
11	2	129916-49740	PLUG, R03	2							
12	2	23876-010000	PLUG, R01	1							
13	2	23876-020000	PLUG, R02	1							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129403-42380	V-PULLEY, D=110	1							
24	1	25132-003800	V-BELT, A38	1							
25	1	129612-44700	FAN, COOLING	1							
26	1	121267-44760	SPACER	1							
27	1	26106-060302	BOLT, M6X 30 PLATED	4							
28	1	129155-49801	THERMOSTAT, 71	1							
29	1	129150-49811	GASKET, THERMOSTAT	1							
30	1	129350-49530	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET	1							
32	1	26106-080222	BOLT, M8X 22 PLATED	2							
33	1	121450-42450	PLUG, M16	1							
34	1	121250-44901	SWITCH, 110	1							
35	1	124465-44950	GASKET, 16	1							
36	1	124465-44950	GASKET, 16	1							
37	1	129004-49610	PIPE ASSY, WATER	1							
38	2	129004-49711	PIPE ASSY, WATER	1							
39	2	119802-49730	RETAINER, PIPE	1							
40	2	124722-59050	CLIP, HOSE 9	2							
41	1	129004-49620	PIPE ASSY, WATER	1							
42	2	129004-49721	PIPE ASSY, WATER	1							
43	2	124722-59050	CLIP, HOSE 9	2							



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

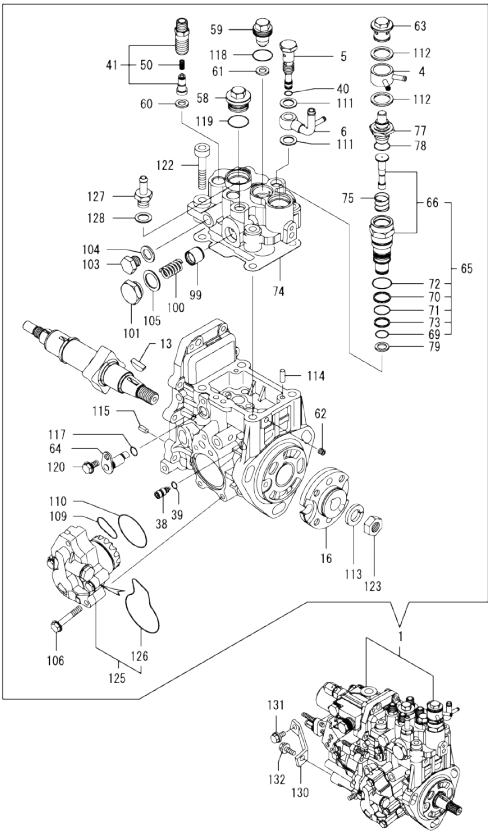
N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
53	1	23010-038000	CLAMP, 38	2						
54	1	23010-044000	CLAMP, 44	2						

N:Old ^{YES}/_{NO} New. Q:Old ^{NO}/_{YES} New. R:Old ^{YES}/_{NO} New. S:Old ^{NO}/_{YES} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

Fig.58. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.59) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP(REF.NO.1).

										OCE10-M27001 Fig.58	
										(A)=YPU45V (D)= (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729632-51361	PUMP ASSY, INJECTION	1							1
4	2	158553-51551	JOINT	1							
5	2	158601-51650	JOINT, OVER FLOW	1							
6	2	158552-51670	JOINT, OVER FLOW	1							
13	2	119802-51090	KEY, 4X16	1							
16	2	158552-51151	FLANGE	1							
38	2	158600-51270	STOPPER, TAPPET	1							
39	2	158563-51281	O-RING, 4D S6	1							
40	2	158563-51281	O-RING, 4D S6	1							
41	2	129008-51390	VALVE ASSY, DELIVERY	4							
50	3	158563-51330	SPRING, DELIVERY	4							
58	2	158601-51550	PLUG	1							
59	2	119802-51560	PLUG, BARREL	1							
60	2	158552-51571	GASKET	4							
61	2	158552-51571	GASKET	1							
62	2	158557-51570	PLUG	1							
63	2	158601-51570	PLUG	1							
64	2	158552-51580	LIFTER	1							
65	2	119802-51590	TIMER SET	1							
66	3	119802-51600	TIMER ASSY	1							
69	3	158553-51670	O-RING, 1011	1							
70	3	119802-51680	RING, BACK UP	1							
71	3	119802-51690	O-RING	1							
72	3	24356-010200	O-RING, 4D1020	1							
73	3	24372-000150	RING, BACK UP T2P15	1							
74	2	158552-51600	GASKET	1							
75	2	158553-51630	SPRING, TIMER	1							
77	2	158553-51650	ELEMENT	1							
78	2	158553-51660	O-RING, P14	1							
79	2	158553-51680	GASKET	1							
99	2	158601-51770	PISTON	1							
100	2	158552-51781	SPRING	1							
101	2	158601-51790	PLUG	1							
103	2	158553-51930	PLUG, M12	1							
104	2	22190-120002	WASHER, SEAL 12	1							
105	2	22190-180002	WASHER, SEAL 18	1							
106	2	158553-51770	BOLT	4							
109	2	158552-52310	O-RING	1							
110	2	158552-52400	O-RING, 4E S42	1							
111	2	22190-120002	WASHER, SEAL 12	2							
112	2	22190-180002	WASHER, SEAL 18	2							
113	2	22217-140000	WASHER, SPRING 14	1							
114	2	22312-050140	PIN, PARALLEL M5X14	2							
115	2	22351-050010	PIN, SPRING 5.0X10	2							
117	2	24311-000070	O-RING, 1AP7.0	1							
118	2	24356-010180	O-RING, 4D1018	1							
119	2	24356-010200	O-RING, 4D1020	1							
120	2	26106-060102	BOLT, M6X 10 PLATED	1							
122	2	26450-080452	BOLT, M8X 45	4							
123	2	26776-140002	NUT, LOCK M14	1							
125	2	158552-52100	PUMP ASSY, FUEL FEED	1							

N:Old
P:New

Q:Old
R:New

S:Old
T:New

U:Old
V:New

W:Add

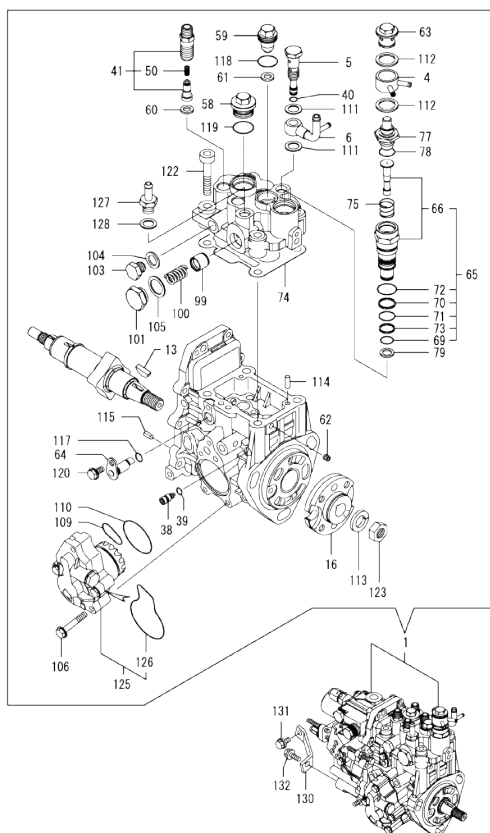
Z:Discontinued

F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

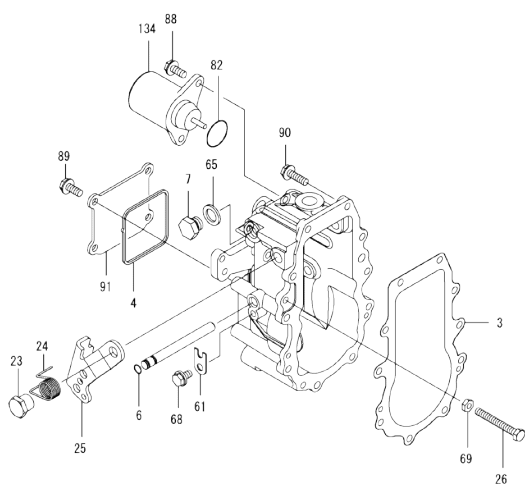
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
126	3	158552-52500	O-RING	1							
127	2	119934-59910	JOINT, PIPE	1							
128	2	22190-120002	WASHER, SEAL 12	1							
130	1	129601-51250	RETAINER, PUMP	1							
131	1	26106-080162	BOLT, M8X 16 PLATED	1							
132	1	26106-080202	BOLT, M8X 20 PLATED	1							

Remarks
(1) GOVERNOR ASSY(FIG.59) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP(REF.NO.1).

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

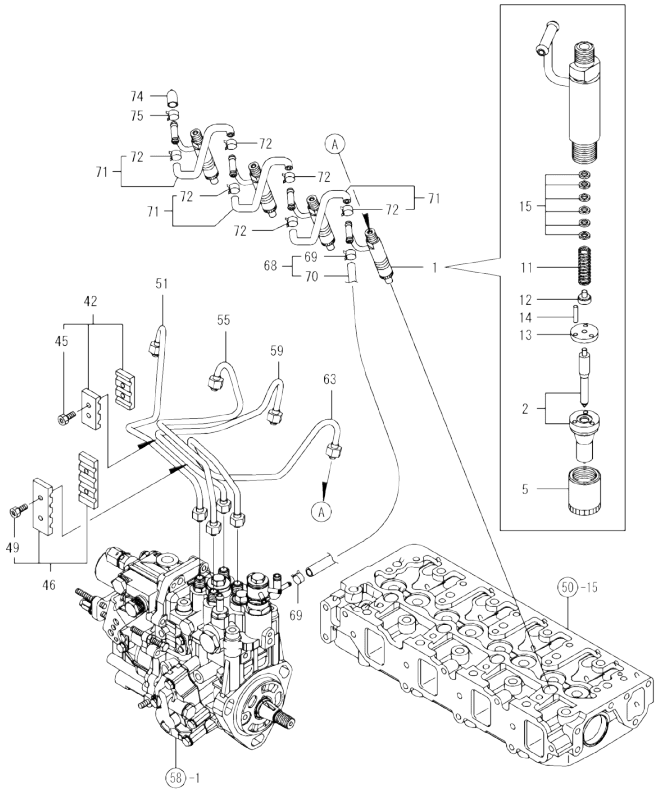


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET	1							
4	2	158553-61070	GASKET	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
23	2	129255-61410	NUT, LOCK	1							
24	2	119807-61420	SPRING, RETURN	1							
25	2	158552-61441	LEVER, REGULATOR	1							
26	2	129155-61460	BOLT, IDLE	1							
61	2	119660-61901	RETAINER, SHAFT	1							
65	2	22190-120002	WASHER, SEAL 12	1							
68	2	26106-060102	BOLT, M6X 10 PLATED	1							
69	2	26756-060002	NUT, LOCK M6	1							
82	2	158552-61900	O-RING	1							
88	2	26106-060142	BOLT, M6X 14 PLATED	2							
89	2	26106-060142	BOLT, M6X 14 PLATED	4							
90	2	26106-060202	BOLT, M6X 20 PLATED	10							
91	2	129642-61060	COVER, GOVERNOR CASE	1							
134	2	119653-77950	SOLENOID, STOP	1							

Remarks
* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.58).

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.60. FUEL INJECTION VALVE



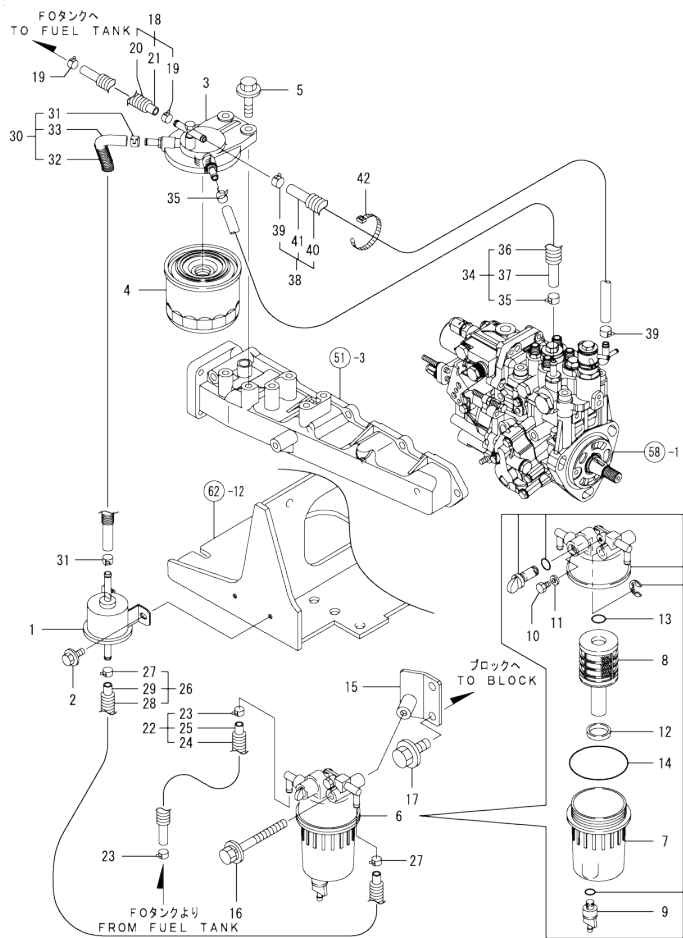
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729604-53200	VALVE ASSY,INJECTION	4							
2	2	129604-53000	VALVE ASSY,INJECTION	4							
5	2	114250-53080	NUT, NOZZLE D16.95	4							
11	2	114250-53120	SPRING, NOZZLE	4							
12	2	114250-53130	SEAT, SPRING	4							
13	2	114250-53140	PLATE	4							
14	2	114250-53210	PIN	8							
15	2	119803-53400	SHIM SET	4							
42	1	129150-59120	RETAINER, PIPE	1							
45	2	129150-59131	BOLT, M4X14	2							
46	1	129550-59120	RETAINER, PIPE	1							
49	2	129150-59131	BOLT, M4X14	2							
51	1	129601-59810	PIPE ASSY, INJECTION	1							
55	1	129601-59820	PIPE ASSY, INJECTION	1							
59	1	129601-59830	PIPE ASSY, INJECTION	1							
63	1	129601-59840	PIPE ASSY, INJECTION	1							
68	1	119802-59550	PIPE ASSY, RETURN	1							
69	2	124722-59050	CLIP, HOSE 9	2							
70	2	119802-59560	PIPE, FUEL RETURN	1							
71	1	129486-59551	PIPE ASSY, RETURN	3							
72	2	124722-59050	CLIP, HOSE 9	6							
74	1	119593-59581	CAP	1							
75	1	124060-77680	CLIP, HOSE 10	1							

OCE10-M27001 YPU45V

Fig.61. FUEL PIPE



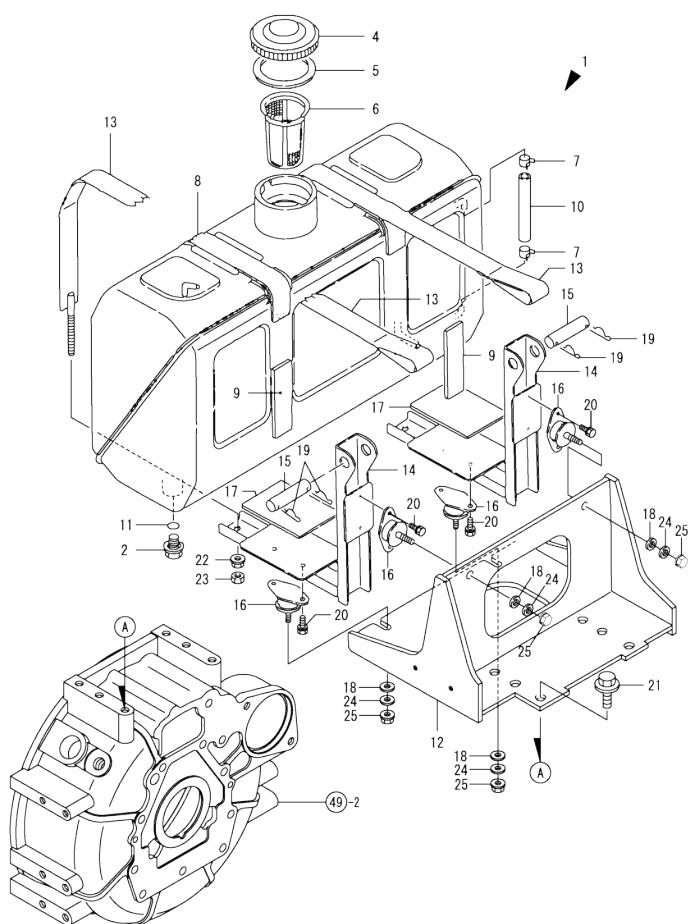
OCE10-M27001 Fig.61

(A)=YPU45V
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119225-52102	PUMP, FUEL FEED	1							
2	1	26106-060122	BOLT, M6X 12 PLATED	2							
3	1	129642-55611	BRACKET, FILTER	1							
3-1	1	129238-55610	BRACKET, FO FILTER	1							N
(A=EW2824)											
4	1	119802-55810	FILTER, FUEL	1							
5	1	26106-080302	BOLT, M8X 30 PLATED	2							
6	1	129242-55710	SEPARATOR ASSY, WATER	1							
7	2	129242-55720	CUP, SEPARATOR	1							
8	2	129242-55730	ELEMENT, FUEL FILTER	1							
9	2	129242-55740	PLUG, DRAIN	1							
10	2	129242-55750	VALVE, AIR VENT	1							
11	2	129242-55760	GASKET, PLUG	1							
12	2	129242-55770	FLOAT	1							
13	2	24311-000160	O-RING, 1AP16.0	1							
14	2	24321-000750	O-RING, 1AG75.0	1							
15	1	129688-55720	BRACKET, SEPARATOR	1							
16	1	26014-080702	BOLT, M8X 70	1							
17	1	26106-100162	BOLT, M10X 16 PLATED	2							
18	1	129955-59050	PIPE ASSY, FUEL	1							
19	2	124766-59050	CLAMP, HOSE 11.5	2							
20	2	119560-59120	TUBE, CORRUGATED 15	1							
21	2	105425-59512	PIPE, FUEL	1							
22	1	129955-59050	PIPE ASSY, FUEL	1							
23	2	124766-59050	CLAMP, HOSE 11.5	2							
24	2	119560-59120	TUBE, CORRUGATED 15	1							
25	2	105425-59512	PIPE, FUEL	1							
26	1	129955-59050	PIPE ASSY, FUEL	1							
27	2	124766-59050	CLAMP, HOSE 11.5	2							
28	2	119560-59120	TUBE, CORRUGATED 15	1							
29	2	105425-59512	PIPE, FUEL	1							
30	1	129950-59311	HOSE ASSY, FUEL	1							
31	2	124766-59050	CLAMP, HOSE 11.5	2							
32	2	129961-59110	TUBE, CORRUGATED 15	1							
33	2	105025-59580	HOSE, FUEL	1							
34	1	129630-59010	HOSE ASSY, FUEL	1							
35	2	124766-59050	CLAMP, HOSE 11.5	2							
36	2	129961-59110	TUBE, CORRUGATED 15	1							
37	2	105025-59560	HOSE, FUEL	1							
38	1	129956-59010	HOSE ASSY, FUEL	1							
39	2	124766-59050	CLAMP, HOSE 11.5	2							
40	2	129957-59101	TUBE, CORRUGATED 15	1							
41	2	105225-59511	HOSE, FUEL	1							
42	1	121750-59890	BAND, NYLON	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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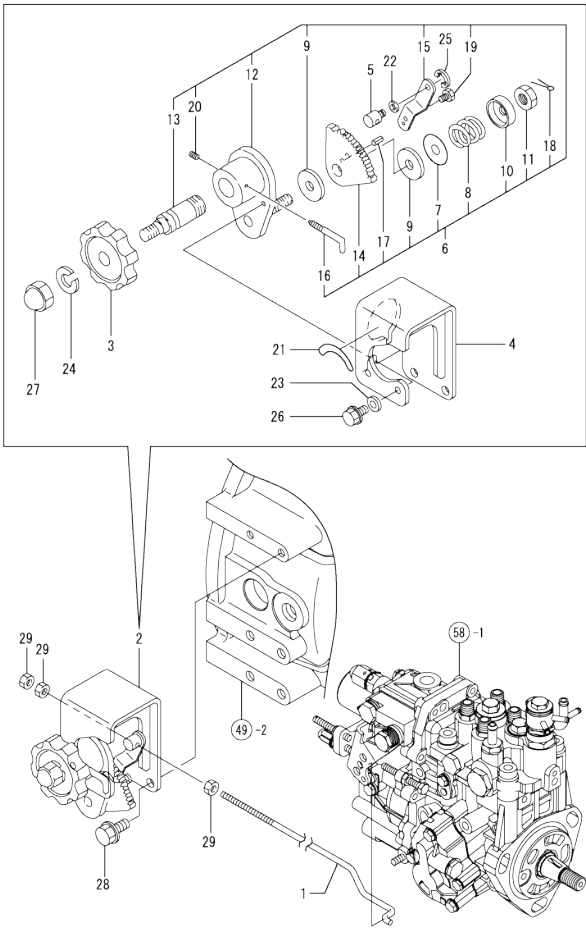
Fig.62. FUEL TANK



No.	Lev.	Parts No.	Description	Qty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	721400-55701-E	TANK ASSY, FUEL	1						
2	2	124060-01640	PLUG, M12	1						
4	2	101168-55040	CAP ASSY	1						
5	2	101504-55051	GASKET	1						
6	2	101504-55101	STRAINER, FUEL	1						
7	2	103854-55220	RETAINER	2						
8	2	121400-55830	SEAT, RUBBER	2						
9	2	121400-55870	FELT, FUEL TANK	2						
10	2	23061-050160	PIPE, 5X 160	1						
11	2	24311-000140	O-RING, 1AP14.0	1						
12	1	129688-55800	BRACKET, FUEL TANK	1						
13	1	121400-55821	BAND, TANK	2						
14	1	171048-55820	BRACKET, FUEL TANK	2						
15	1	171048-55840	PIN	2						
16	1	171048-55850	ABSORBER	4						
17	1	171048-55860	SEAT, RUBBER	2						
18	1	22117-080000	WASHER, 8	4						K
(A=FXXXXXX)										
19	1	22360-160000	PIN, SNAP 16	4						
20	1	26013-060142	BOLT, M6X 14	8						
21	1	26106-100202	BOLT, M10X 20 PLATED	6						
22	1	26306-080002	NUT, M8	2						
23	1	26756-080002	NUT, LOCK M8	2						
24	1	22217-080002	SPRING WASHER 8	4						W
(A=FXXXXXX)										
25	1	26306-080002	NUT, M8	4						W
(A=FXXXXXX)										

OCE10-M27001 YPU45V

Fig.63. CONTROL DEVICE



OCE10-M27001 Fig.63

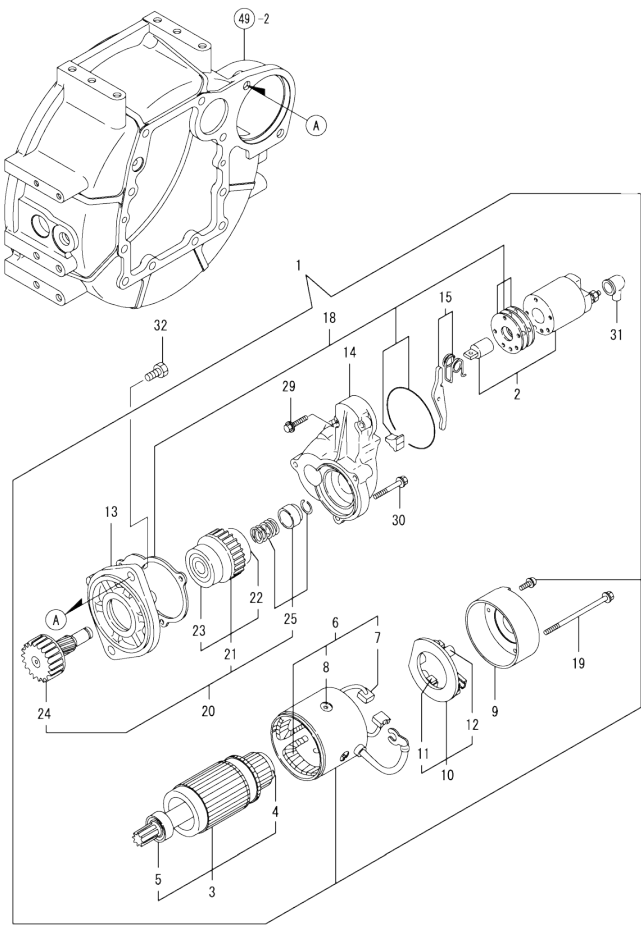
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129647-66120	LINK, ENGINE CONTROL	1							
2	1	119888-66161	CONTROLLER ASSY	1							
3	2	126650-66020	HANDLE, REGULATOR	1							
4	2	119888-66111	BRACKET	1							
5	2	119888-66130	PIVOT	1							
6	2	171048-67010	CONTROLLER ASSY	1							
7	3	171102-66080	WASHER	1							
8	3	104200-66820	SPRING	1							
9	3	104200-66831	PLATE, FRICTION	2							
10	3	104200-66850	WASHER	1							
11	3	104200-66860	NUT	1							
12	3	171085-67100	BRACKET	1							
13	3	171085-67110	SHAFT, DRIVE	1							
14	3	171085-67120	GEAR	1							
15	3	171048-67130	LEVER	1							
16	3	171048-67140	STOPPER	1							
17	3	22351-020006	PIN, SPRING 2.0X 6	1							
18	3	22411-200150	COTTER PIN	1							
19	3	26116-060082	BOLT, M6X 8 PLATED	1							
20	3	26921-050122	SCREW, M5X12	1							
21	2	170064-67210	LABEL, HANDLE	1							
22	2	22117-060000	WASHER, 6	1							
23	2	22137-100000	WASHER, 10	1							
24	2	22217-100000	WASHER, SPRING 10	1							
25	2	22272-000050	RING, E- 5	1							
26	2	26106-060102	BOLT, M6X 10 PLATED	2							
27	2	26657-100002	NUT, CAP M10	1							
28	1	26106-080162	BOLT, M8X 16 PLATED	2							
29	1	26756-050002	NUT, LOCK M5	3							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.64. STARTER MOTOR



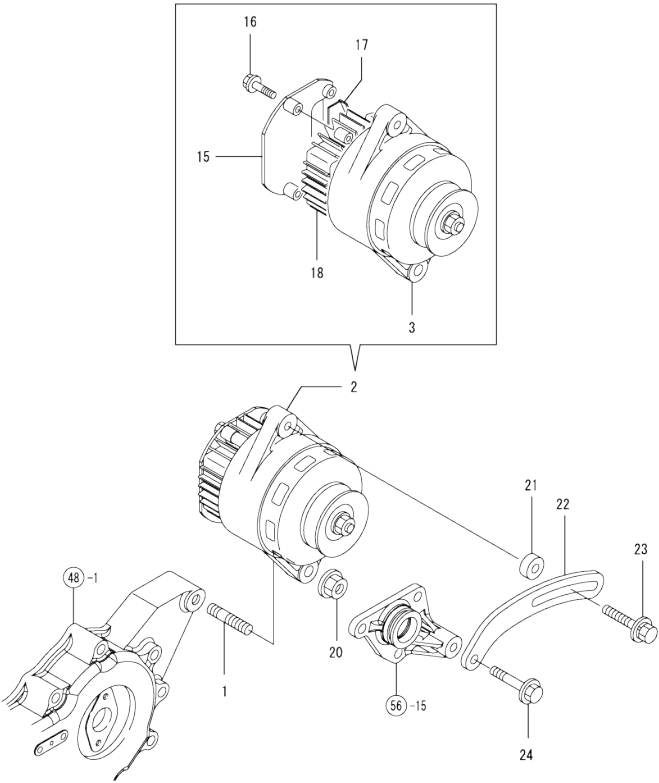
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129136-77011	STARTER	1							
2	2	129136-77310	SWITCH ASSY	1							
3	2	129900-77400	ARMATURE ASSY	1							
4	3	X2130350900	BALL BEARING	1							
5	3	X2114255110	BEARING, BALL	1							
6	2	129900-77440	COIL ASSY, FIELD	1							
7	3	129900-77450	BRUSH (+)	2							
8	3	171008-77450	SCREW	4							
9	2	129900-77460	COVER, REAR	1							
10	2	129900-77480	HOLDER ASSY, BRASH	1							
11	3	129900-77450	BRUSH (+)	2							
12	3	129400-77490	SPRING, BRUSH	4							
13	2	171008-77510	HOUSING ASSY, GEAR	1							
14	2	129136-77520	CENTER HOUSING	1							
15	2	171008-77540	LEVER SET, SHIFT	1							
18	2	129400-77571	DUST COVER,(NON-ASB.	1							
19	2	129900-77640	BOLT, THROUGHT	2							
20	2	171008-77650	PINION ASSY	1							
21	3	X2114555500	CLUTCH ASSY	1							
22	4	X2114955020	BALL BEARING	1							
23	4	X2240410100	BEARING, BALL	1							
24	3	171008-77660	SHAFT, PINION	1							
25	3	171008-77670	STOPPER SET, PINION	1							
29	2	26106-060322	BOLT, M6X 32 PLATED	2							
30	2	26106-060402	BOLT, M6X 40 PLATED	3							
31	2	171008-77750	COVER, M TERMINAL	1							
32	1	26116-120252	BOLT, M12X 25 PLATED	2							

OCE10-M27001 YPU45V

Fig.65. GENERATOR



OCE10-M27001 Fig.65

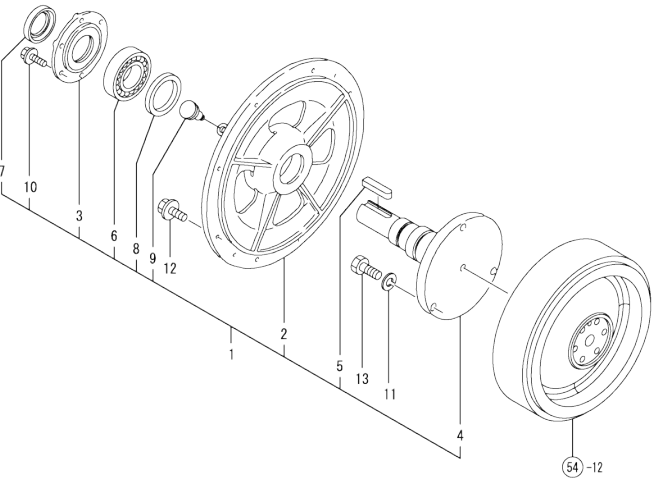
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	STUD	1							
2	1	119128-77210	GENERATOR, 12V-40A	1							
3	2	119128-77220	GENERATOR ASSY	1							
15	2	119128-77370	COVER	1							
16	2	119128-77380	BOLT, FLANGE	4							
17	2	119128-77390	COVER	1							
18	2	119128-77410	REGULATOR ASSY	1							
20	1	26306-100002	NUT, M10	1							
21	1	119940-77270	SPACER, GENERATOR	1							
22	1	119802-77330	ADJUSTER	1							
23	1	129972-77341	BOLT, ADJUSTER L=50	1							
24	1	26106-080452	BOLT, M8X 45 PLATED	1							

OCE10-M27001 YPU45V

Fig.66. OUTPUT SHAFT

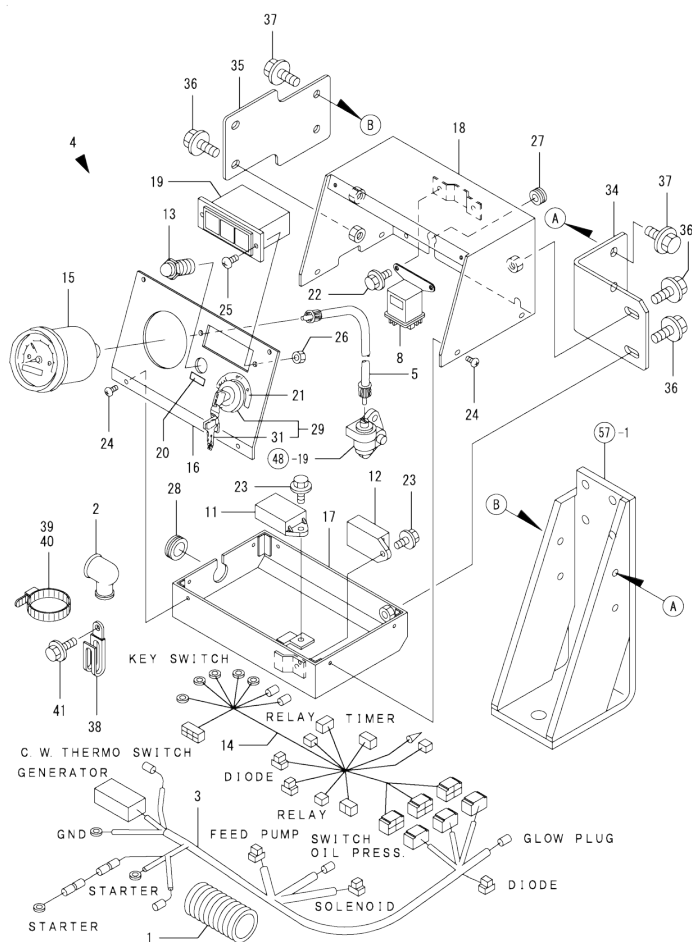


OCE10-M27001 Fig.66

(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119888-89100	SHAFT, STUB	1							
2	2	119888-89110	HOUSING, BEARING	1							
3	2	171048-89120	CASE, OIL SEAL	1							
4	2	119888-89210	SHAFT	1							
5	2	22512-100700	KEY, 10X 70	1							
6	2	24151-222090	BEARING, 22209	1							
7	2	24421-456209	SEAL, OIL TC456209	1							
8	2	24421-557209	SEAL, OIL TC557209	1							
9	2	24754-320020	CUP, GREASE 32X1/4	1							
10	2	26106-080202	BOLT, M8X 20 PLATED	6							
11	1	22217-120000	WASHER, SPRING 12	3							
12	1	26106-100222	BOLT, M10X 22 PLATED	8							
13	1	26206-120352	BOLT, M12X 35 PLATED	3							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	170124-59100	TUBE, CORRUGETE 32	1							
2	1	124550-77030	COVER, TERMINAL B	1							
3	1	191717-91020	HARNESSE, WIRE	1							
4	1	191717-91100	PANEL ASSY	1							
5	2	194145-56901	CABLE ASSY, METER	1							
8	2	19650-77910	RELAY ASSY, GLOW	1							
11	2	128300-77920	TIMER, GLOW PLUG	1							
12	2	129211-77920	TIMER, SECTION 1	1							
13	2	124559-77971	LAMP, PILOT	1							
14	2	191717-91030	HARNESSE, WIRE B	1							
15	2	171080-91101	TACHOMETER	1							
16	2	191717-91110	BODY, PANEL	1							
17	2	191717-91120	BOX, PANEL LOWER	1							
18	2	191717-91130	COVER, GAUGE PANEL	1							
19	2	170038-91310	LAMP UNIT	1							
20	2	191717-91610	LABEL, ALARM LAMP	1							
21	2	198888-91620	LABEL, KEY SWITCH	1							
22	2	26106-060082	BOLT, M6X 8 PLATED	2							
23	2	26106-060122	BOLT, M6X 12 PLATED	2							
24	2	26557-040062	SCREW, M4X 6	9							
25	2	26557-050102	SCREW, M5X10	2							
26	2	26716-050002	NUT, M5	2							
27	2	29331-092000	GROMET, 8.5X2	1							
28	2	29331-162000	GROMET, 16.0X2	1							
29	2	933110-00100	SWITCH ASSY, STARTER	1							
31	3	933110-00301	KEY ASSY	1							
34	1	191717-91140	BRACKET, PANEL A	1							
35	1	191717-91150	BRACKET, PANEL B	1							
36	1	26106-080122	BOLT, M8X 12 PLATED	4							
37	1	26106-080162	BOLT, M8X 16 PLATED	4							
38	1	194180-51640	CLAMP, HARNESSE D	1							
39	1	121750-59890	BAND, NYLON	1							
40	1	121750-59890	BAND, NYLON	1							
41	1	26106-100122	BOLT, M10X 12 PLATED	1							Z

(A)=YPJ45V
(B)=
(C)=

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

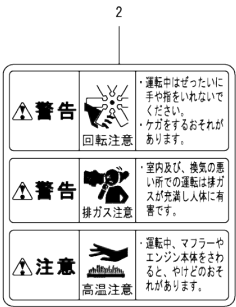
Q'ty

(A) (B) (C) (D) (E) (F)

(A=E177141)

N:Old ^{Yes}/_{No} New. Q:Old ^{No}/_{Yes} New. R:Old ^{Yes}/_{Yes} New. S:Old ^{No}/_{No} New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change

Fig.68. LABEL(SAFETY)



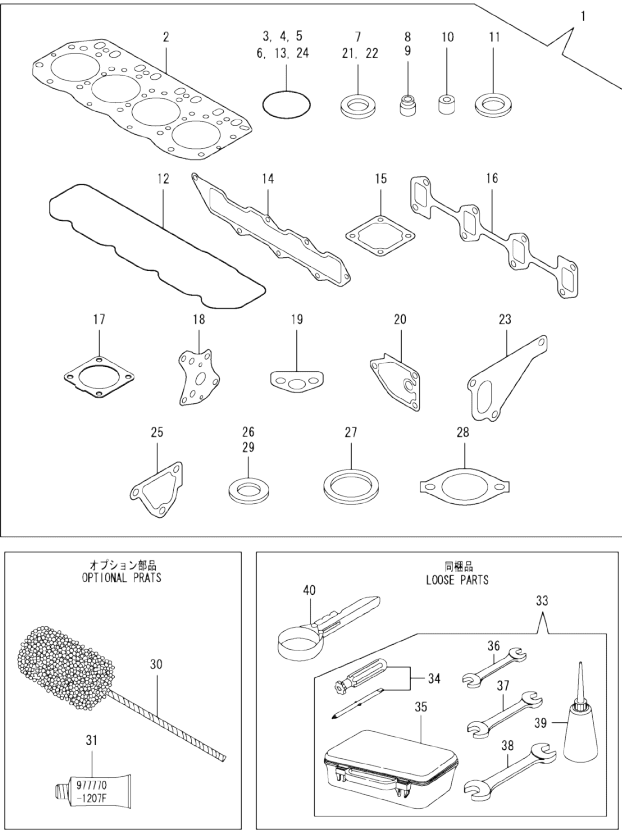
(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129111-07310	LABEL, NO FIRE	1							
2	1	129111-07320	LABEL, EXHAUST GAS	1							

OCE10-M27001 YPU45V

Fig.69. GASKET SET



Remarks
(1) OPTIONAL PART.

OCE10-M27001 Fig.69

(A)=YPU45V
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729602-92900	GASKET SET	1							1
2	2	129407-01340	GASKET, HEAD	1							
3	2	119609-32040	O-RING, P16	2							
4	2	121850-51960	O-RING	1							
5	2	24311-000320	O-RING, 1AP32.0	2							
6	2	24341-000240	O-RING, 1AS24.0	1							
7	2	22190-220002	WASHER, SEAL 22	1							
8	2	121400-11340	SEAL, VALVE STEM	4							
9	2	124460-11340	SEAL, VALVE STEM	4							
10	2	119802-11870	PROTECTOR, NOZZLE	4							
11	2	119625-11880	SEAT, NOZZLE	4							
12	2	129601-11310	GASKET, BONNET	1							
13	2	24311-000120	O-RING, 1AP12.0	3							
14	2	129407-12110	GASKET, MANIFOLD	1							
15	2	129150-77511	GASKET	1							
16	2	129550-13110	GASKET	1							
17	2	129930-13201	GASKET, SILENCER	1							
18	2	129150-32020	GASKET, PUMP	1							
19	2	129150-35042	GASKET	1							
20	2	129150-35111	GASKET	1							
21	2	22190-080002	WASHER, SEAL 6	7							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	129486-42021	GASKET, WATER PUMP	1							
24	2	129486-42140	O-RING, G30	1							
25	2	124395-49840	GASKET	1							
26	2	23414-080000	GASKET, 8X1.0	1							
27	2	129150-49811	GASKET, THERMOSTAT	1							
28	2	129795-49551	GASKET	1							
29	2	124465-44950	GASKET, 16	2							
30	1	129400-92430	HONE	1							1
31	1	977770-1207F	GASKET, LIQUID	1							1
33	1	721400-92102	BOX ASSY, TOOL	1							
34	2	104200-92350	DRIVER, SCREW	1							
35	2	104200-92600	BOX, TOOL	1							
36	2	28110-100120	SPANNER, 10X12	1							
37	2	28110-140170	SPANNER, 14X17	1							
38	2	28110-190220	SPANNER, 19X22	1							
39	2	28210-000140	OILER	1							
40	1	127610-92750	WRENCH, FILTER	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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102103-55520	15	5
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103854-39140	15	32
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104200-66820	17	8
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		2
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