

0CW10-M53800EN

P R E F A C E

1. This parts catalog is the 1st edition of 2TNV70-PYU for YUCHAI.

Pub.No. : 0CW10-G53800

Published : August, 2009

2. Model name

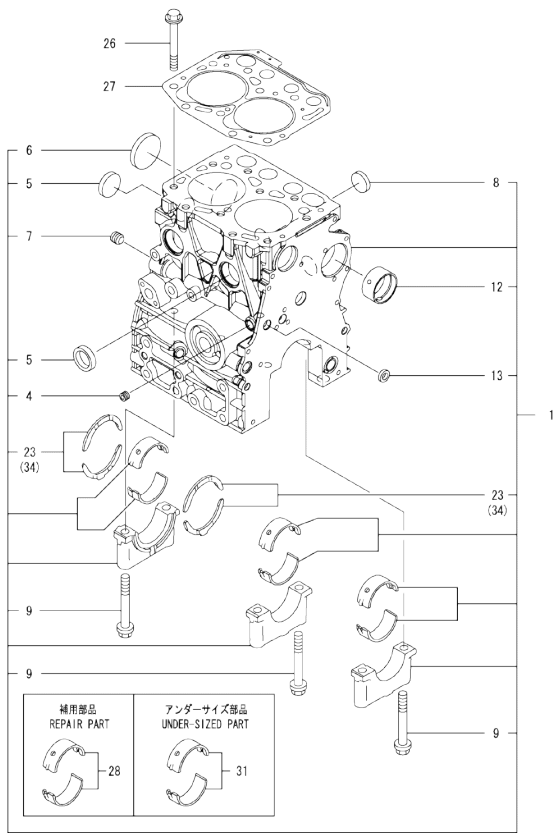
Engine model	Vehicle	Vehicle made by
2TNV70-PYU	EXCAVATOR	YUCHAI

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Fig.1. CYLINDER BLOCK

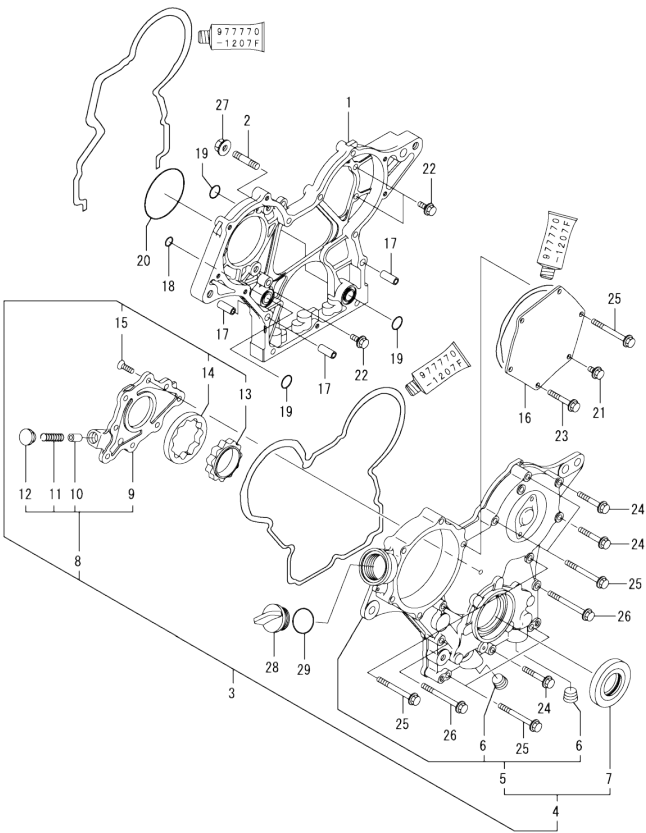


Remarks
(1) REPAIR PART.
(2) UNDER-SIZED (U.S.=0.25) PART.
(3) OVER-SIZED (O.S.=0.25) PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719415-01561	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	105311-01090	PLUG, 30	3							
6	2	119623-01250	PLUG, 45	1							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	119285-01990	PLUG, 25	2							
9	2	119620-02020	BOLT, METAL CAP	6							
12	2	119717-02411	BUSH, CAMSHAFT	1							
13	2	27241-120000	PLUG, 12	1							
23	2	119717-02930	BEARING, THRUST	2							
26	1	119515-01200	BOLT, HEAD	10							
27	1	119415-01330	GASKET, HEAD	1							
28	1	719717-02901	BEARING, MAIN	3							1
31	1	719717-02911	BEARING, 0.25 US	3							2
34	1	119810-02941	BEARING, THRUST 0.25	2							3

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Fig.2. GEAR HOUSING



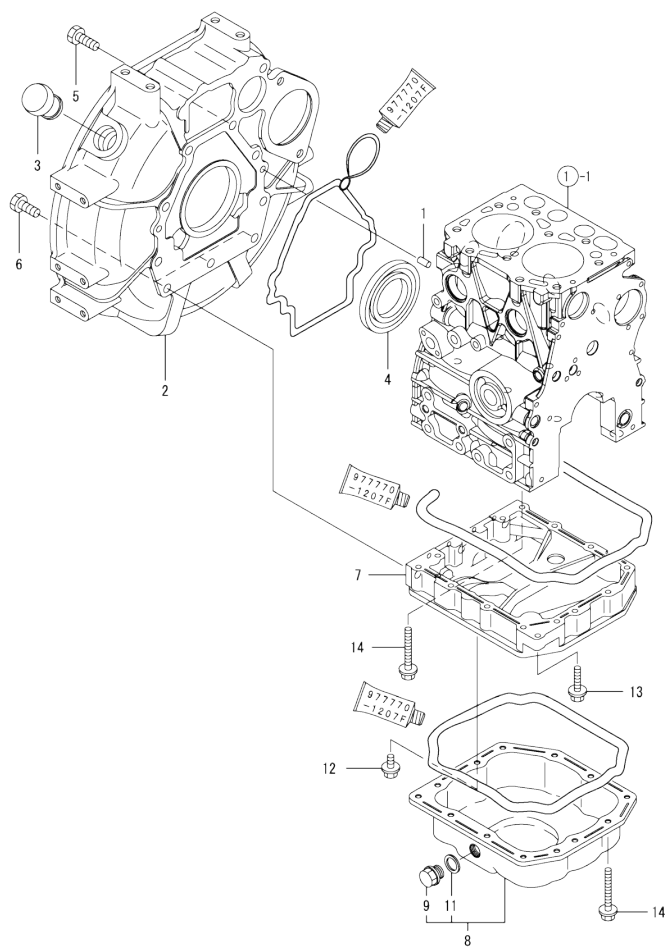
0CW10-M53800 Fig.2

(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01590	COVER ASSY,GEAR CASE	1							
4	2	719734-01500	COVER ASSY,GEAR CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY	1							
9	3	119717-32080	COVER	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER	1							
17	1	119660-01911	PIPE, KNOCK	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	COVER, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



(A)=2TNV70-PYU
(B)=
(C)=

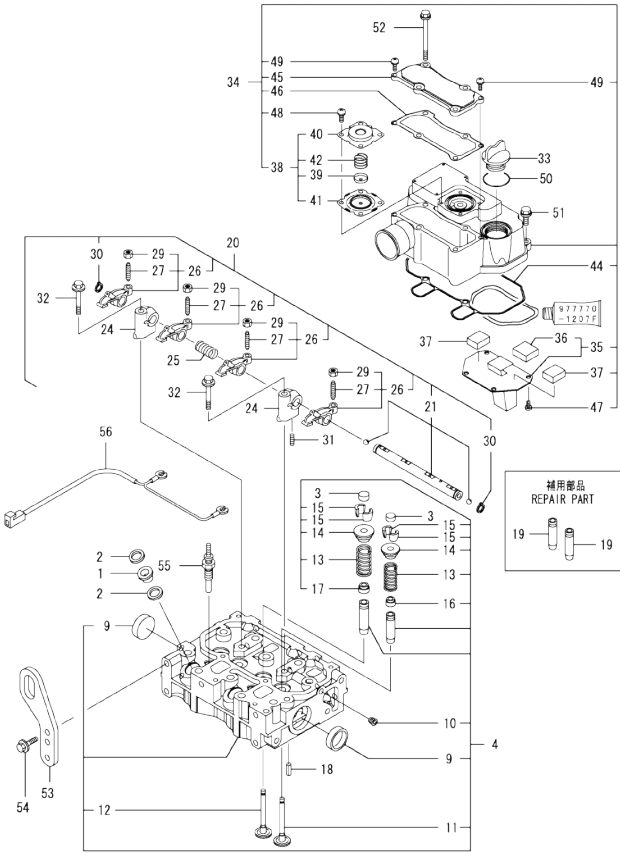
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2							
2	1	119515-01601	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	124085-02220	SEAL, OIL	1							
5	1	26206-100252	BOLT, M10X 25 PLATED	7							
6	1	26206-100302	BOLT, M10X 30 PLATED	3							
7	1	119415-01720	SPACER, OIL SUMP	1							
8	1	119415-01770	SUMP ASSY, OIL	1							
9	2	105425-01690	PLUG, 16	1							
11	2	22190-160002	WASHER, SEAL 16	1							
12	1	26106-060122	BOLT, M6X 12 PLATED	1							
13	1	26106-060252	BOLT, M6X 25 PLATED	1							
14	1	26106-060452	BOLT, M6X 45 PLATED	13							

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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0CW10-M53800 2TNV70-PYU

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

0CW10-M53800 Fig.4

(A)=2TNV70-PYU
(B)=
(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	2							
2	1	119600-11460	GASKET, NOZZLE	4							
3	1	105010-11490	CAP, VALVE	4							
4	1	119415-11740	HEAD ASSY, CYLINDER	1							
9	2	119285-11990	PLUG, 35	2							
10	2	23876-005000	PLUG, R005	1							
11	2	119515-11101	VALVE, INTAKE	2							
12	2	119515-11110	VALVE, EXHAUST	2							
13	2	119717-11131	SPRING, VALVE	4							
14	2	129508-11180	RETAINER, SPRING	4							
15	2	119717-11190	COTTER	8							
16	2	119717-11340	SEAL, VALVE STEM	2							
17	2	119717-11350	SEAL, VALVE STEM	2							
18	1	22351-060012	PIN, SPRING 6.0X12	2							
19	1	119515-11800	GUIDE, VALVE	4							1
20	1	119415-11200	SUPPORT ASSY, ARM	1							
21	2	119415-11240	SHAFT ASSY, ROCKER	1							
24	2	119717-11260	SUPPORT, ROCKER ARM	2							
25	2	119515-11280	SPRING	1							
26	2	119717-11650	ARM, ROCKER	4							
27	3	129150-11230	SCREW, VALVE ADJUST	4							
29	3	129150-11750	NUT, M8	4							
30	2	22242-000120	RING, 12	2							
31	2	26979-050162	SCREW, M5X16	1							
32	1	26106-080402	BOLT, M8X 40 PLATED	2							
33	1	124160-01751	COVER, FILLER	1							
34	1	119415-11380	BONNET ASSY, HEAD	1							
35	2	119717-03031	PLATE	1							
36	3	119717-03070	BAFFLE, BREATHER	1							
37	2	119717-03070	BAFFLE, BREATHER	2							
38	2	119802-03100	DIAPHRAGM ASSY	1							
39	3	119802-03110	PLATE	1							
40	3	119802-03121	COVER, DIAPHRAGM	1							
41	3	119802-03131	DIAPHRAGM	1							
42	3	119802-03141	SPRING, DIAPHRAGM	1							
44	2	119415-11310	GASKET, BONNET	1							
45	2	119415-11320	COVER, BONNET	1							
46	2	119415-11330	GASKET	1							
47	2	22857-500100	SCREW, 5X10	4							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500160	SCREW, 5X16	2							
50	1	24311-000320	O-RING, 1AP32.0	1							
51	1	26106-060202	BOLT, M6X 20 PLATED	2							
52	1	26106-060752	BOLT, M6X 75 PLATED	4							
53	1	129486-07901	LIFTER	1							
54	1	26106-080142	BOLT, M8X 14 PLATED	2							
55	1	119717-77800	PLUG, GLOW	2							
56	1	119415-77820	CONNECTOR, GLOW PLUG	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.5. AIR CLEANER

(D)=
(E)=

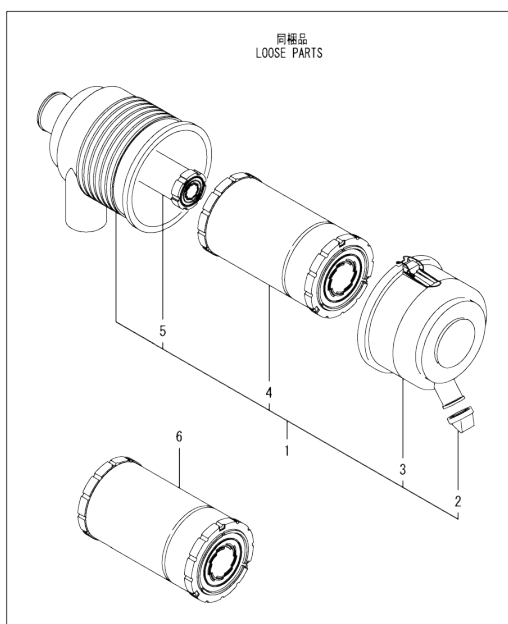
(A)=2TNV70-PYU
(B)=
(C)=

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

 $Q^{\#}$

(C)

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119440-12530	CLEANER ASSY. AIR	1							
2	2	119808-12540	VALVE, UNLOADER	1							
3	2	119258-12530	COVER ASSY.	1							
4	2	119655-12560	ELEMENT	1							
5	2	119233-12700	ELEMENT	1							
6	1	119655-12560	ELEMENT	1							



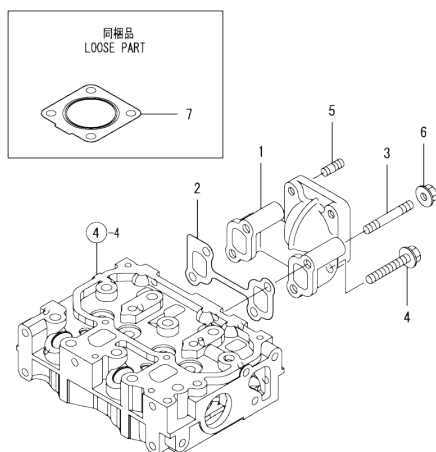
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.6. EXHAUST MANIFOLD

(D)=
(E)=

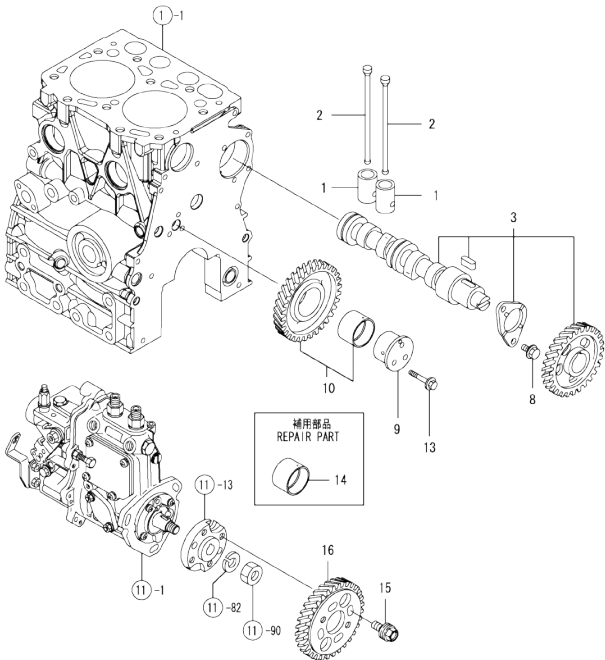
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119415-13100	MANIFOLD, EXHAUST	1							
2	1	119415-13110	GASKET	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	119802-13620	BOLT, M8X50	2							
5	1	119131-18320	STUD, M8X22	4							
6	1	26306-080002	NUT, M8	2							
7	1	119515-13200	GASKET, SILENCER	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:Q'ty Change

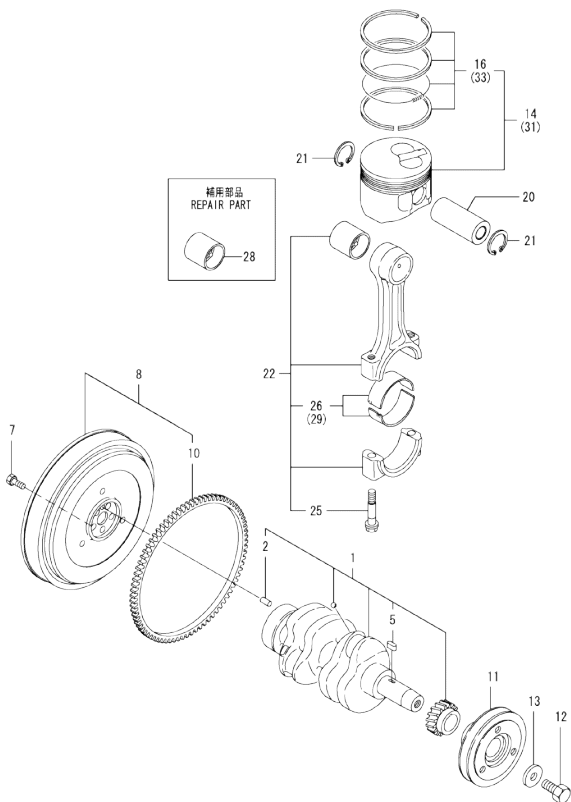
Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	4							
2	1	119515-14400	ROD, PUSH	4							
3	1	119415-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	119717-25911	BUSH, IDLE GEAR	1							1
15	1	129150-25301	BOLT	4							
16	1	119717-25930	GEAR, PUMP	1							

Fig.8. CRANKSHAFT & PISTON



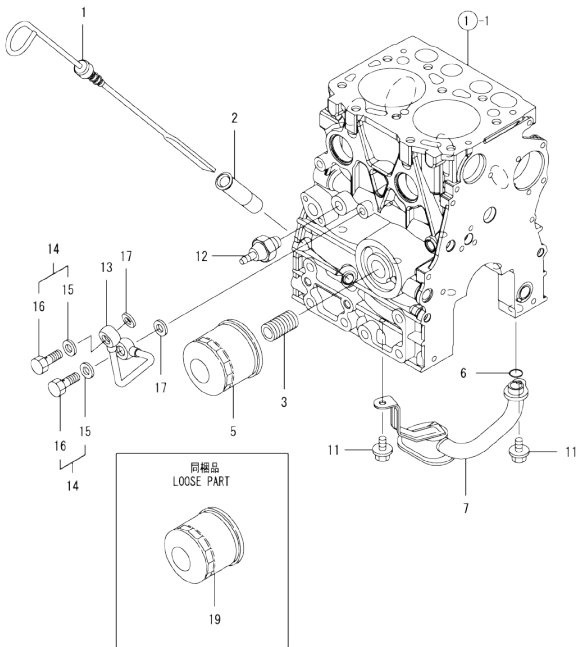
Remarks
(1) REPAIR PART.
(2) UNDER-SIZED (U.S.=0.25) PART.
(3) OVER-SIZED (O.S.=0.25) PART.

(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119415-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119415-21580	FLYWHEEL ASSY	1							
10	2	124950-21600	GEAR, RING	1							
11	1	119717-21650	V-PULLEY	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER	1							
14	1	119515-22080	PISTON ASSY	2							
16	2	119515-22500	RING SET, PISTON	2							
20	1	119515-22300	PIN, PISTON	2							
21	1	22252-000220	RING, 22	4							
22	1	119515-23000	ROD ASSY, CONNECTING	2							
25	2	119717-23200	BOLT, CONNECTING ROD	4							
26	2	119515-23601	BEARING, CRANK PIN	2							
28	1	119717-23910	BEARING, PISTON PIN	2							1
29	1	119515-23611	METAL ASSY, 0.25	2							2
31	1	119515-22900	PISTON ASSY, 0.25 OS	2							3
33	2	119515-22550	RING SET, 0.25 OS	2							3

Fig.9. LUB.OIL SYSTEM



Remarks
(1) REPAIR PART.

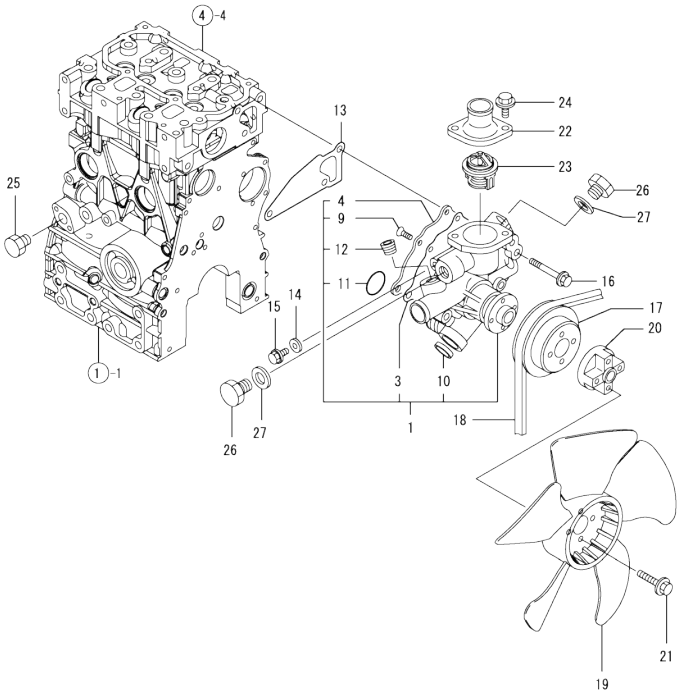
(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119415-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129100-35140	STUD	1							
5	1	119305-35151	FILTER ASSY, D68XL65	1							1
6	1	119717-32060	O-RING, P15.0	1							
7	1	119415-35080	PIPE ASSY, OIL INLET	1							
11	1	26106-060102	BOLT, M6X 10 PLATED	2							
12	1	114250-39450	SWITCH, 0.5KG	1							
13	1	119415-39211	PIPE, OIL	1							
14	1	129005-59830	BOLT ASSY, JOINT M8	2							
15	2	22190-080002	WASHER, SEAL 6	2							
16	2	23857-030000	BOLT, JOINT 3	2							
17	1	22190-080002	WASHER, SEAL 6	2							
19	1	119305-35151	FILTER ASSY, D68XL65	1							1

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Fig.10. COOLING WATER SYSTEM



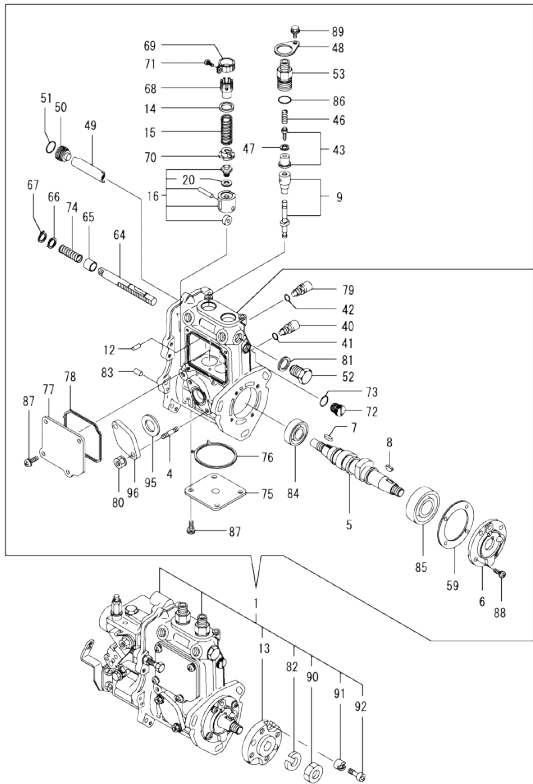
0CW10-M53800 Fig.10

(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119540-42000	PUMP ASSY, WATER	1							
1-1	1	119C10-42000	PUMP ASSY, WATER	1						N	
(A=E/ C1393)											
1-2	1	119C10-42001	PUMP ASSY, CW	1						N	
(A=2019.01)											
3	2	119717-42031	GASKET	1							
4	2	119515-42041	COVER	1							
9	2	26577-060122	SCREW, M6X12	4							
10	2	27241-250000	PLUG, 25	1							
10-1	2	119717-42050	PLUG, 25	1						N	
(A=2019.01)											
11	2	119717-42320	O-RING, P26	1							
11-1	2	119C10-42320	O-RING, 2028	1						S	
(A=E/ C1393)											
12	2	129916-49740	PLUG, R3/8	1							
13	1	119515-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	119740-42350	V-PULLEY, D=90	1							
18	1	25152-003500	V-BELT, A35	1							
19	1	119325-44700	FAN, COOLING D=270	1							
20	1	121267-44760	SPACER, FAN	1							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71C	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN R1/4	1							
26	1	121450-42450	PLUG, M16	2							
27	1	124465-44950	GASKET, 16	2							

Fig.11. FUEL INJECTION PUMP



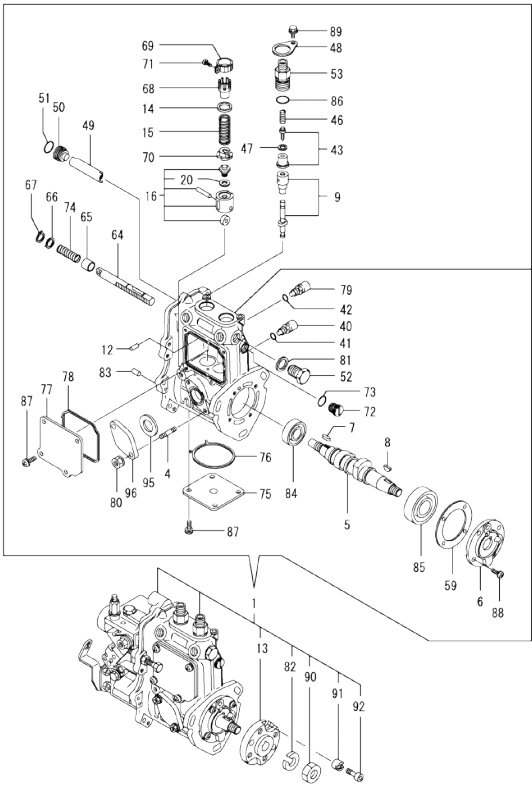
Remarks
(1) GOVERNOR ASSY (FIG.12) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP (REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719440-51420	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
5	2	119415-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY	1							
8	2	122710-51090	KEY	1							
9	2	119515-51100	PLUNGER ASSY	2							
12	2	129155-51140	PIN	2							
13	2	119717-51150	FLANGE	1							
14	2	158600-51170	RETAINER, SPRING	2							
15	2	119717-51190	SPRING, PLUNGER	2							
16	2	119717-51200	TAPPET ASSY	2							
20	3	129155-51600	SHIM SET, ADJUSTING	2							
40	2	158600-51270	STOPPER, TAPPET	2							
41	2	129155-51280	O-RING, S6	2							
42	2	129155-51280	O-RING, S6	1							
43	2	119717-51300	VALVE ASSY, DELIVERY	2							
46	2	119717-51330	SPRING, DELIVERY	2							
47	2	124550-51350	GASKET, DELIVERY	2							
48	2	118400-51370	LOCKING	2							
49	2	119415-51400	PROTECTOR	1							
50	2	158600-51410	PLUG, DEFLECTOR	1							
51	2	119717-51420	O-RING	1							
52	2	158600-51420	PLUG, DEFLECTOR	1							
53	2	158600-51442	VALVE ASSY, DELIVERY	2							
59	2	129155-51450	SHIM SET, ADJUSTING	1							
64	2	119415-51500	RACK, CONTROL	1							
65	2	129155-51521	BUSH, RACK	1							
66	2	129155-51530	SPACER	1							
67	2	129155-51540	CIRCLIP	1							
68	2	129155-51550	PINION, CONTROL	2							
69	2	129100-51560	PINION	2							
70	2	119717-51570	RETAINER, SPRING	2							
71	2	129100-51570	SCREW	2							
72	2	158600-51570	PLUG	1							
73	2	129155-51580	O-RING	1							
74	2	129155-51591	SPRING, RACK	1							
75	2	119415-51700	COVER	1							
76	2	119415-51710	GASKET	1							
77	2	119415-51750	COVER	1							
78	2	119415-51760	GASKET	1							
79	2	158600-51790	STOOPER, RACK	1							
80	2	119717-51860	NUT, M6	2							
81	2	22190-160002	WASHER, SEAL 16	1							
82	2	22217-120000	WASHER, SPRING 12	1							
83	2	22351-050010	PIN, SPRING 5.0X10	2							
84	2	24101-060034	BEARING, BALL 6003	1							
85	2	24101-063034	BEARING, BALL 6303	1							
86	2	24316-000150	O-RING, 4DP15.0	2							
87	2	26022-050122	SCREW, M5X12	8							
88	2	26022-060166	SCREW, M6X16	4							

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

0CW10-M53800 2TNV70-PYU

Fig.11. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY (FIG.12) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP (REF.NO.1).

0CW10-M53800 Fig.11

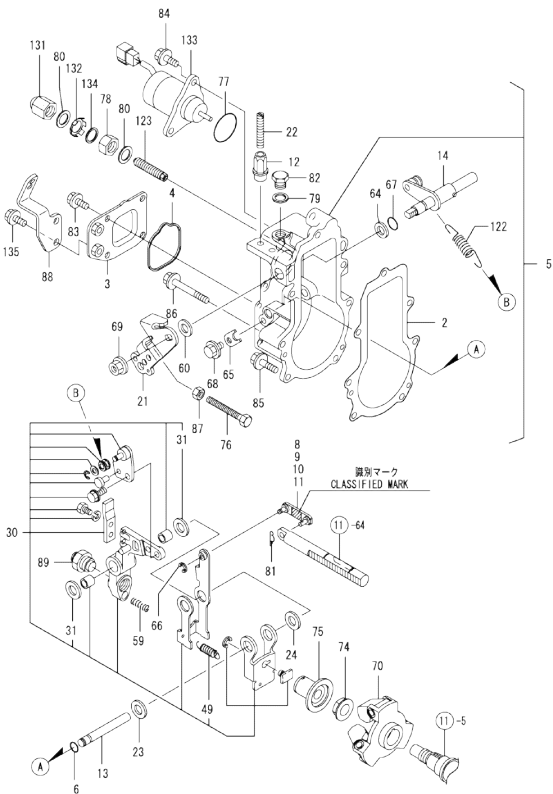
(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
89	2	26106-050102	BOLT, M5X 10 PLATED	2							
90	2	26716-120002	NUT, M12	1							
91	2	119717-51480	COLLAR	1							
92	2	119717-51490	BOLT	1							
95	2	129155-52051	GASKET	1							
96	2	129100-52200	COVER	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{H}{VCC}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{H}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.12. GOVERNOR



Remarks
* THIS FIGURE (GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY (FIG.11).
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER (REF.TO ILLUSTRATION).

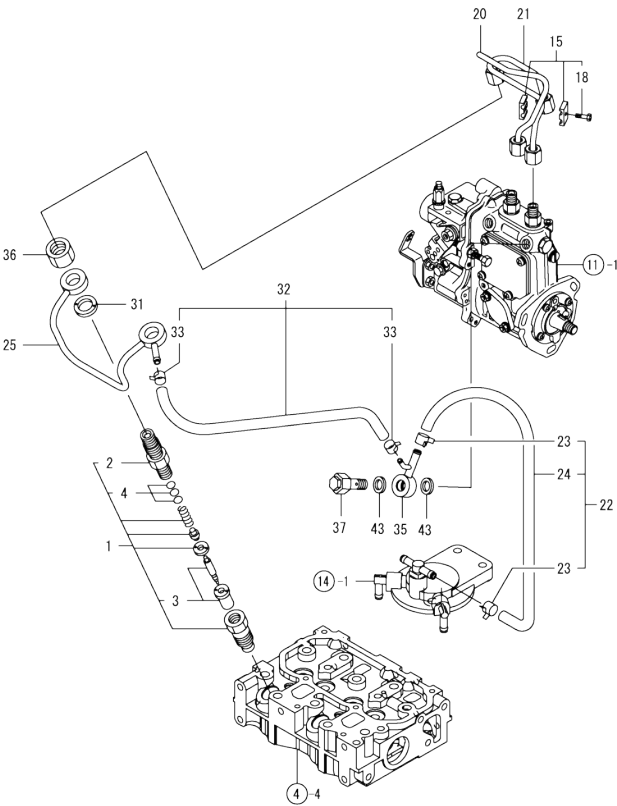
(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-61050	GASKET	1							
3	2	119761-61060	COVER, GOVERNOR CASE	1							
4	2	119717-61070	GASKET	1							
5	2	119717-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-51280	O-RING, S6	1							
8	3	119717-61120	LINK, MARK :3	1							1
9	3	119717-61130	LINK, MARK 98	1							1
10	3	119717-61140	LINK, MARK 88	1							1
11	3	119717-61150	LINK, MARK 03	1							1
12	3	129209-61370	NUT, M6	1							
13	3	129052-61390	SHAFT	1							
14	3	119717-61400	SHAFT ASSY	1							
21	3	119515-61440	LEVER, CONTROL	1							
22	3	129155-61450	BOLT, LIMITER	1							
23	3	129156-61460	SHIM, T=0.6	1							
24	3	129155-61480	SPACER ASSY	1							
30	3	119717-61500	LEVER ASSY, GOVERNOR	1							
31	4	174307-51700	SHIM SET	2							
49	4	129486-61540	SPRING, SET	1							
59	3	129100-61650	SPRING, CONTROLLER	1							
60	3	158552-61700	SHIM SET	1							
64	3	158552-61710	SHIM, T=1.0	1							
65	3	119660-61901	RETAINER, SHAFT	1							
66	3	22272-000030	RING, E- 3	1							
67	3	24341-000070	O-RING, 1AS7.0	1							
68	3	26106-060102	BOLT, M6X 10 PLATED	1							
69	3	26366-080002	NUT, M8	1							
70	2	119717-61201	WEIGHT ASSY,GOVERNOR	1							
74	2	129008-61301	NUT	1							
75	2	129155-61341	SLEEVE	1							
76	2	129155-61460	BOLT, IDLE	1							
77	2	158552-61900	O-RING	1							
78	2	129209-61920	NUT, ARB	1							
79	2	22190-100002	WASHER, SEAL 10	1							
80	2	22190-120002	WASHER, SEAL 12	2							
81	2	22372-040000	PIN, SNAP 4	1							
82	2	23887-100002	PLUG, 10	1							
83	2	26106-060102	BOLT, M6X 10 PLATED	4							
84	2	26106-060142	BOLT, M6X 14 PLATED	2							
85	2	26106-060202	BOLT, M6X 20 PLATED	4							
86	2	26106-060452	BOLT, M6X 45 PLATED	3							
87	2	26756-060002	NUT, LOCK M6	1							
88	2	119761-61080	SUPPORT, WIRE	1							
89	2	119740-61560	ANGLEICH ASSY	1							
122	2	171353-61700	SPRING, GOVERNOR	1							
123	2	158601-61790	LIMITER ASSY, FUEL	1							
131	2	129209-61930	NUT, CAP	1							
132	2	129209-61970	PLATE	1							
133	2	119233-77932	SOLENOID, STOP	1							
134	2	23414-120016	GASKET, 12X1.0	1							
135	3	26106-060102	BOLT, M6X 10 PLATED	2							

0CW10-M53800 2TNV70-PYU

Fig.13. FUEL INJECTION VALVE



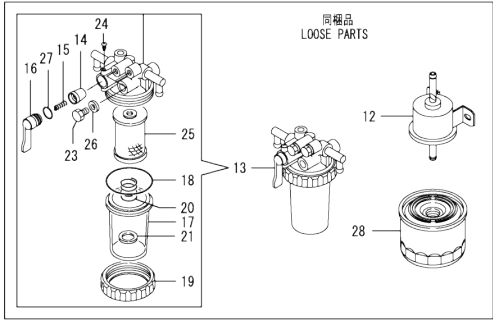
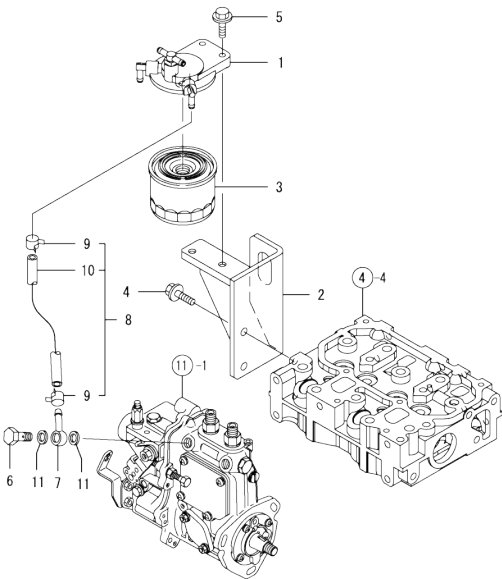
0CW10-M53800 Fig.13

(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-53001	VALVE ASSY,INJECTION	2							
2	2	118200-53010	HOLDER, NOZZLE	2							
3	2	119515-53010	VALVE ASSY,INJECTION	2							
4	2	129901-53800	SHIM SET, ADJUSTING	2							
15	1	119305-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	1							
20	1	119415-59810	PIPE ASSY, INJECTION	1							
21	1	119415-59820	PIPE ASSY, INJECTION	1							
22	1	129210-59120	PIPE ASSY, FUEL	1							
23	2	124766-59050	CLIP, HOSE 12	2							
24	2	129211-59510	PIPE, FUEL L=325	1							
25	1	119415-59540	PIPE ASSY, RETURN	1							
31	1	129901-59560	GASKET	2							
32	1	119540-59570	PIPE ASSY, RETURN	1							
33	2	124066-59100	CLIP, HOSE 8	2							
35	1	119840-59570	JOINT	1							
36	1	119620-59700	NUT, NOZZLE	2							
37	1	119813-59950	VALVE ASSY, CHECK	1							
43	1	22190-120002	WASHER, SEAL 12	2							

Fig.14. FUEL LINE

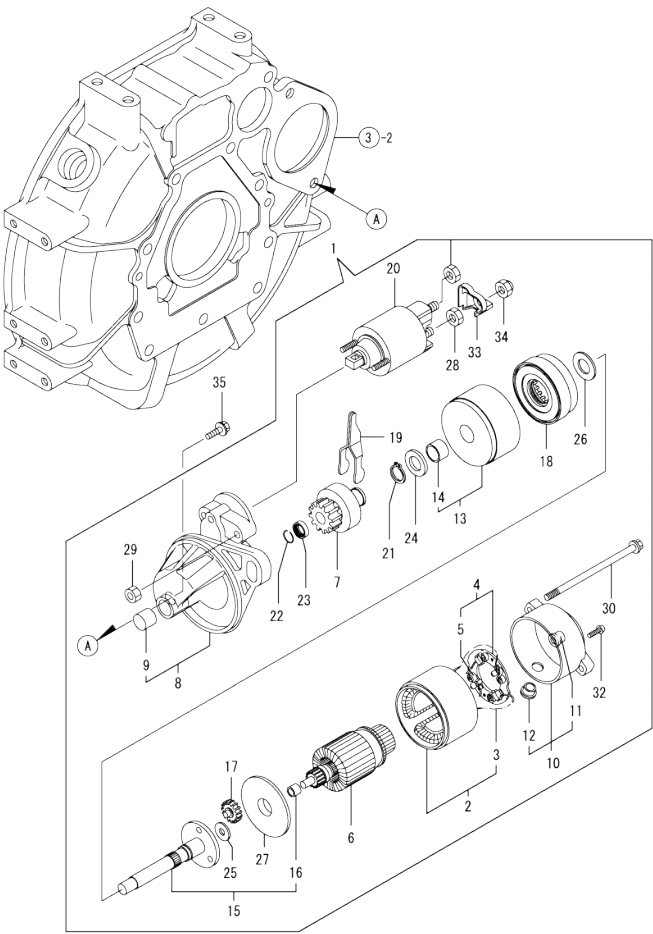


(A)=2TNV70-PYU
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119934-55611	BRACKET, FILTER	1							
2	1	119540-55651	BRACKET, FILTER	1							
3	1	119802-55801	FILTER, FUEL	1							
4	1	26106-080222	BOLT, M8X 22 PLATED	2							
5	1	26106-080252	BOLT, M8X 25 PLATED	2							
6	1	103854-39140	BOLT, PIPE JOINT	1							
7	1	101304-59020	JOINT, PIPE 12	1							
8	1	129210-59040	PIPE ASSY, FUEL	1							
9	2	124766-59050	CLIP, HOSE 12	2							
10	2	129555-59510	PIPE, D13/7.5X180	1							
11	1	22190-120002	WASHER, SEAL 12	2							
12	1	119225-52102	PUMP ASSY, FUEL FEED	1							
13	1	129335-55700	SEPARATOR ASSY, WATER	1							
14	2	104200-55321	VALVE, TAPER	1							
15	2	104200-55330	SPRING, VALVE	1							
16	2	104200-55341	HANDLE	1							
17	2	124064-55510	COVER	1							
18	2	102103-55520	O-RING	1							
19	2	110250-55610	RING, RETAINING	1							
20	2	121257-55720	SPRING	1							
21	2	121257-55731	FLOAT	1							
23	2	101720-55750	PLUG, 6	2							
24	2	104200-55750	SCREW, M4	1							
25	2	171081-55910	SCREEN	1							
26	2	23418-060000	GASKET, 6X1.0	2							
27	2	24311-240100	O-RING, 1AP10A	1							
28	1	119802-55801	FILTER, FUEL	1							

Fig.15. STARTING MOTOR

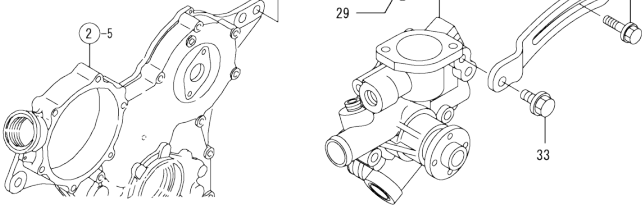
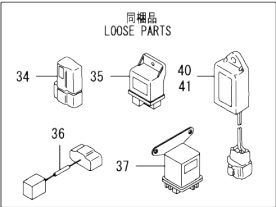
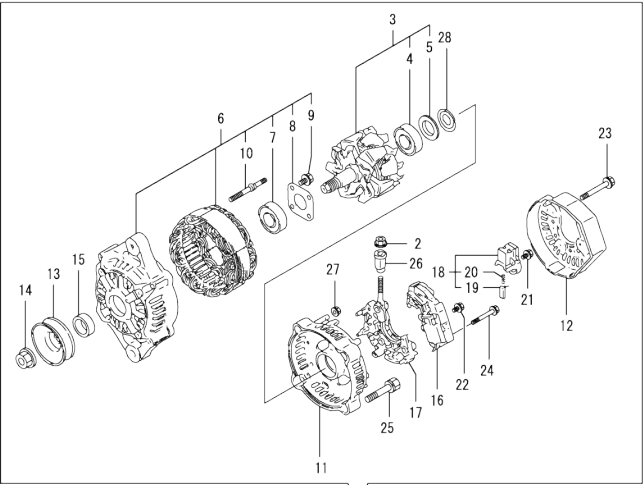


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(B)=
(C)=

(D)=
(E)=
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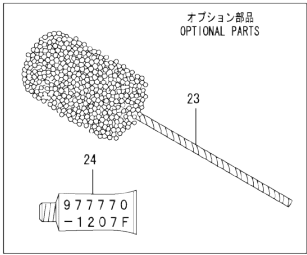
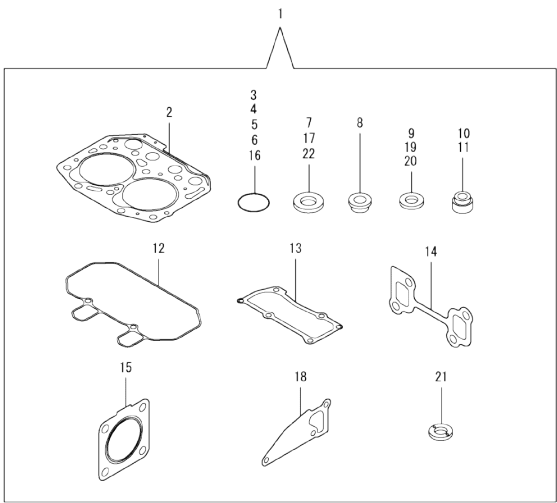
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-77010	STARTER, P1.1	1							
2	2	X0281007680	YOKE ASSY	1							
3	3	X0280996180	STARTER KIT	2							
4	2	X0285105190	HOLDER ASSY	1							
5	3	X0285205030	SPRING	4							
6	2	X0282005871	ARMATURE ASSY	1							
7	2	X0283006960	CLUTCH ASSY	1							
8	2	X4284001590	HOUSING ASSY,STARTER	1							
9	3	X9491050100	BEARING, NEEDLE	1							
10	2	X0285007030	FRAME ASSY.	1							
11	3	X9491040990	BEARING	1							
12	3	X0280626010	COVER	1							
13	2	X0284105040	BEARING ASSY	1							
14	3	X9491034330	BEARING	1							
15	2	X0286105010	SHAFT ASSY	1							
16	3	X9491034320	BEARING	1							
17	2	X0286305010	GEAR	3							
18	2	X0286355010	GEAR	1							
19	2	X0287405140	LEVER	1							
20	2	X0534007800	SWITCH ASSY	1							
21	2	X9055715000	RING	1							
22	2	X9490721360	RING	1							
23	2	X0280210331	NUT	1							
24	2	X9490138110	WASHER	1							
25	2	X9490138090	WASHER	1							
26	2	X9490138100	WASHER	1							
27	2	X0284525010	PLATE	1							
28	2	X9490562360	NUT	1							
29	2	X9490560750	NUT	2							
30	2	X9490423520	BOLT, THROUGH	2							
32	2	X9490065670	SCREW, M4X6	2							
33	2	X0280335360	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

Fig.16. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER, BEARING	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BALL BEARING	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FLAME ASSY, REAR	1							
12	2	129240-79300	COVER	1							
13	2	119620-77461	PULLEY	1							
14	2	119620-77471	NUT	1							
15	2	119620-77490	COLLAR	1							
16	2	129423-77710	REGULATOR ASSY	1							
17	2	119620-79260	HOLDER	1							
18	2	129052-79270	HOLDER, BRUSH	1							
19	3	119620-77480	BRUSH ASSY	2							
20	3	119620-79280	SPRING	2							
21	2	119620-79290	SCREW	6							
22	2	119620-79300	SCREW	1							
23	2	119620-79310	BOLT	3							
24	2	119620-79320	SCREW	2							
25	2	119620-79330	BOLT	2							
26	2	119620-79340	BUSH, INSULATION	1							
27	2	119620-79350	NUT	2							
28	2	119620-79360	WASHER, THRUST	1							
29	1	26106-100452	BOLT, M10X 45 PLATED	1							
30	1	119940-77270	SPACER, GENERATOR	1							
31	1	119717-77340	ADJUSTER	1							
32	1	129972-77341	BOLT, ADJUSTER L=50	1							
33	1	26106-080202	BOLT, M8X 20 PLATED	1							
34	1	119643-66900	DIODE	1							
35	1	119802-77200	RELAY, SAFETY	1							
36	1	129457-77511	CONNECTOR	1							
37	1	119650-77910	RELAY ASSY, GLOW	1							
40	1	129155-77925	TIMER	1							
41	1	129211-77920	TIMER	1							

Fig.17. GASKET SET



Remarks
(1) OPTIONAL PARTS.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719415-92600	GASKET SET	1							1
2	2	119415-01330	GASKET, HEAD	1							
3	2	119624-32040	O-RING, P12.0	1							
4	2	119717-32050	O-RING, P17.0	3							
5	2	121850-51960	O-RING	1							
6	2	24311-000320	O-RING, 1AP32.0	2							
7	2	22190-160002	WASHER, SEAL 16	1							
8	2	129901-11450	PROTECTOR, NOZZLE	2							
9	2	119600-11460	GASKET, NOZZLE	4							
10	2	119717-11340	SEAL, VALVE STEM	2							
11	2	119717-11350	SEAL, VALVE STEM	2							
12	2	119415-11310	GASKET, BONNET	1							
13	2	119415-11330	GASKET	1							
14	2	119415-13110	GASKET	1							
15	2	119515-13200	GASKET, SILENCER	2							
16	2	119717-32060	O-RING, P15.0	1							
17	2	22190-080002	WASHER, SEAL 6	4							
18	2	119515-42020	GASKET, WATER PUMP	1							
19	2	23414-080000	GASKET, 8X1.0	1							
20	2	124465-44950	GASKET, 16	2							
21	2	129901-59560	GASKET	2							
22	2	22190-120002	WASHER, SEAL 12	4							
23	1	129400-92410	FLEX HORN	1							1
24	1	977770-1207F	GASKET, LIQUID	1							1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	7
101720-55750	14	23
102103-55520	14	18
103854-39140	14	6
104200-55321	14	14
104200-55330	14	15
104200-55341	14	16
104200-55750	14	24
105010-11490	4	3
105311-01090	1	5
105425-01690	3	9
110250-55610	14	19
114250-39450	9	12
118200-53010	13	2
118400-51370	11	48
119131-18320	6	5
119225-52102	14	12
119233-12700	5	5
119233-77932	12	133
119258-12530	5	3
119285-01990	1	8
119285-11990	4	9
119305-35151	9	5
		19
119305-59120	13	15
119325-44700	10	19
119415-01330	1	27
	17	2
119415-01720	3	7
119415-01770	3	8
119415-11200	4	20
119415-11240	4	21
119415-11310	4	44
	17	12
119415-11320	4	45
119415-11330	4	46
	17	13
119415-11380	4	34
119415-11740	4	4
119415-13100	6	1
119415-13110	6	2
	17	14
119415-14581	7	3
119415-21580	8	8
119415-21700	8	1
119415-34801	9	1
119415-35080	9	7
119415-39211	9	13
119415-51030	11	5
119415-51400	11	49

Parts No.	Fig. No.	Ref. No.
119415-51500	11	64
119415-51700	11	75
119415-51710	11	76
119415-51750	11	77
119415-51760	11	78
119415-59540	13	25
119415-59810	13	20
119415-59820	13	21
119415-77820	4	56
119440-12530	5	1
119515-01200	1	26
119515-01601	3	2
119515-11101	4	11
119515-11110	4	12
119515-11280	4	25
119515-11800	4	19
119515-13200	6	7
	17	15
119515-14400	7	2
119515-22080	8	14
119515-22300	8	20
119515-22500	8	16
119515-22550	8	33
119515-22900	8	31
119515-23000	8	22
119515-23601	8	26
119515-23611	8	29
119515-42020	10	13
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119515-42041	10	4
119515-51100	11	9
119515-53001	13	1
119515-53010	13	3
119515-61440	12	21
119515-77010	15	1
119540-42000	10	1
119540-55651	14	2
119540-59570	13	32
119600-11460	4	2
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119620-01750	3	3
119620-02020	1	9
119620-14200	7	1
119620-21500	8	7
119620-21941	8	13
119620-59700	13	36
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	13

Parts No.	Fig. No.	Ref. No.
119620-77471	16	14
119620-77480	16	19
119620-77490	16	15
119620-79200	16	7
119620-79210	16	8
119620-79220	16	9
119620-79230	16	10
119620-79250	16	5
119620-79260	16	17
119620-79280	16	20
119620-79290	16	21
119620-79300	16	22
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27
119620-79360	16	28
119621-21681	8	12
119623-01250	1	6
119624-32040	2	18
	17	3
119643-66900	16	34
119650-77910	16	37
119655-12560	5	4
		6
119660-01911	2	17
119660-61901	12	65
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01750	2	16
119717-01800	2	7
119717-02411	1	12
119717-02930	1	23
119717-03031	4	35
119717-03070	4	36
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119717-11131	4	13
119717-11190	4	15
119717-11260	4	24
119717-11340	4	16
	17	10
119717-11350	4	17
	17	11
119717-11650	4	26
119717-13600	6	3
119717-21650	8	11
119717-23200	8	25
119717-23910	8	28

Parts No.	Fig. No.	Ref. No.
119717-25050	7	9
119717-25101	7	10
119717-25911	7	14
119717-25930	7	16
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