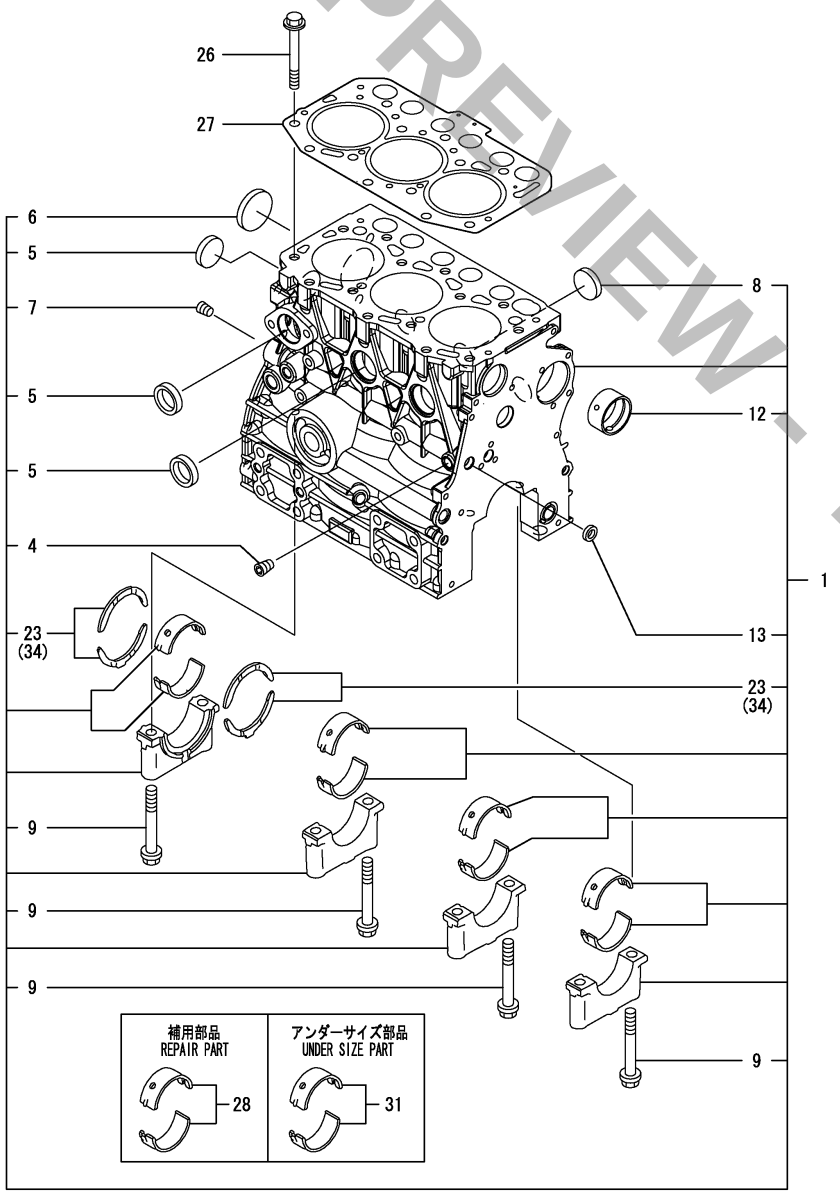
Fig.1. CYLINDER BLOCK



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

1. CYLINDER BLOCK

(A)=3TNV70-DPE (D)=
(B)= (E)=
(C)= (F)=

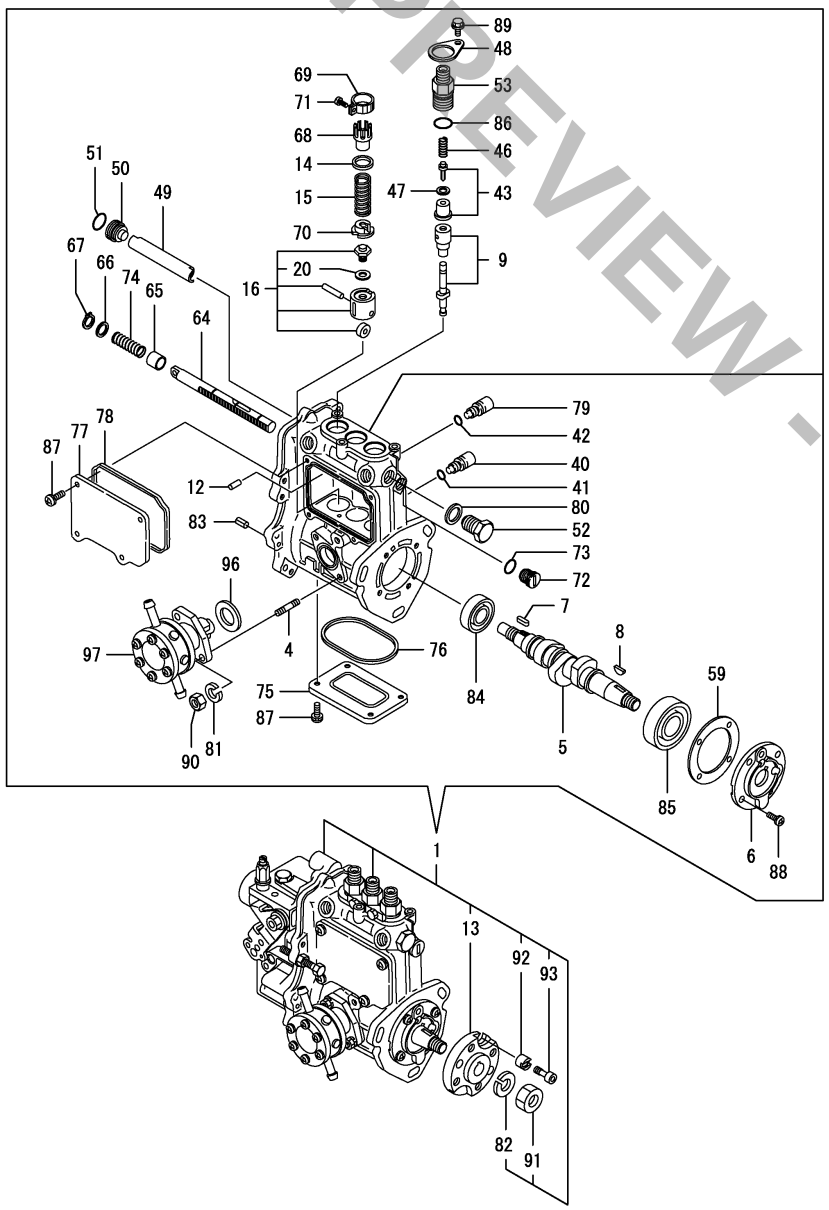
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719515-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	105311-01090	PLUG, 30	4							
6	2	119623-01250	PLUG 45	1							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	119285-01990	PLUG 25	3							
9	2	119620-02020	BOLT, METAL CAP	8							
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, CYLINDER HEAD	14							
27	1	119515-01330	GASKET, HEAD	1							
28	1	719717-02901	BEARING ASSY, MAIN	4							1
31	1	719717-02911	METAL, MAIN US0.25	4							2
34	1	119810-02941	BEARING, THRUST.25OS	2							3

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

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Fig.10. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.11) IS INCORPORATED IN THIS FUEL INJECTION PUMP.(REF.NO.1).

10. FUEL INJECTION PUMP

(A)=3TNV70-DPE (D)=
(B)= (E)=
(C)= (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719744-51410	FIE ASSY(3TNV70-DPE	1							1
4	2	129155-51020	STUD, FEED PUMP	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY, PARALLEL	1							
8	2	122710-51090	KEY, WOODRUFF	1							
9	2	119415-51100	PLUNGER W/BARREL	3							
12	2	129155-51140	PIN, BARREL LOCKING	3							
13	2	119717-51150	FLANGE	1							
14	2	158600-51170	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119717-51200	TAPPET ASSY	3							
20	3	129155-51600	SHIM SET, ADJUSTING	3							
40	2	158600-51270	STOPPER, TAPPET	3							
41	2	129155-51280	O-RING, S6	3							
42	2	129155-51280	O-RING, S6	1							
43	2	119717-51300	VALVE ASSY, DELIVERY	3							
46	2	119717-51330	SPRING, DELIVERY	3							
47	2	124550-51350	GASKET, DELIVERY	3							
48	2	118400-51370	LOCKING	3							
49	2	129155-51400	DEFLECTOR	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	3							
59	2	129155-51450	SHIM SET, ADJUSTING	1							
64	2	119717-51500	RACK, CONTROL	1							
65	2	129155-51521	BUSH, RACK	1							
66	2	129155-51530	SPACER, SPRING	1							
67	2	129155-51540	CIRCLIP	1							
68	2	129155-51550	PINION, CONTROL B	3							
69	2	129100-51560	PINION	3							
70	2	119717-51570	RETAINER, SPRING	3							
71	2	129100-51570	SCREW, PINION	3							
72	2	158600-51570	PLUG	1							
73	2	129155-51580	O-RING	1							
74	2	129155-51591	SPRING, RACK	1							
75	2	129155-51701	COVER, BODY LOWER	1							
76	2	119717-51711	GASKET, LOWER COVER	1							
77	2	119717-51750	COVER, BODY SIDE	1							
78	2	119717-51761	GASKET, SIDE COVER	1							
79	2	158600-51790	STOOPER, RACK	1							
80	2	22190-160002	WASHER, 16	1							
81	2	22217-060000	SPRING WASHER 6	2							
82	2	22217-120000	SPRING WASHER 12	1							
83	2	22351-050010	SPRING PIN 5X10	2							
84	2	24101-060034	BALL BEARING	1							
85	2	24101-063034	BALL BEARING	1							
86	2	24316-000150	O-RING 4D P15	3							
87	2	26022-050122	SCREW M 5X 12	8							
88	2	26022-060162	SCREW M 6X 16	4							

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

++ CONTINUE ++

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MODEL : 3TNV70-DPE
PC NO : 0CR10-G78700

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103854-39140	13	14
104200-55321	13	24
104200-55330	13	2
		25
104200-55341	13	26
104200-55750	13	9
		34
105010-11490	4	3
105025-59530	12	25
	13	21
105311-01090	1	5
105425-01690	3	11
110250-55610	13	6
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114250-39450	8	14
118200-53010	12	2
118400-51370	10	48
119131-18320	5	5
119225-77721	15	32
119260-34810	8	1
119265-44740	9	19
119285-01990	1	8
119285-11990	4	9
119305-35151	8	7
119415-51100	10	9
119515-01200	1	26
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	16	2
119515-01720	3	9
119515-01770	3	10
119515-11101	4	11
119515-11110	4	12
119515-11200	4	20
119515-11240	4	21
119515-11280	4	25
119515-11310	4	44
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119515-11320	4	45
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119515-11380	4	34
119515-11740	4	4
119515-11800	4	18
119515-13200	5	7
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119515-21700	7	1
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119515-22080	7	14
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119515-22300	7	20
	17	7
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119515-22550	7	33
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119515-23611	7	29
119515-35080	8	9
119515-42020	9	13
	16	20
119515-42041	9	4
119515-53001	12	1
119515-53010	12	3
119515-59540	12	26
119515-61440	11	21
119527-61560	11	88
119534-01560	17	2
119540-42000	9	1
119540-59570	12	33
119546-59810	12	20
119546-59820	12	21
119546-59830	12	22
119600-11460	4	2
	16	10
119620-01750	3	5
119620-01800	2	7
119620-02020	1	9
119620-14200	6	1
	17	3
119620-21941	7	13
119620-59700	12	37
119621-21680	7	12
119623-01250	1	6
119624-32040	2	18
	16	3
119643-66900	15	31
119650-77910	15	33
119653-77950	11	132
119660-01911	2	17
119660-61901	11	65
119717-01501	2	1

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119717-01611	3	2
119717-01750	2	16
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
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119717-11350	4	17
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119717-11650	4	26
119717-13110	5	2
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119717-13600	5	3
119717-21200	7	4
119717-21650	7	11
119717-23200	7	25
119717-23910	7	28
119717-25050	6	9
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	16	4
119717-32060	8	8
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119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-39210	8	15
119717-42031	9	3
119717-42320	9	9
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119717-51030	10	5
119717-51060	10	6
119717-51070	10	7
119717-51150	10	13
119717-51190	10	15
119717-51200	10	16
119717-51300	10	43
119717-51330	10	46
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119717-51480	10	92
119717-51490	10	93
119717-51500	10	64
119717-51570	10	70
119717-51711	10	76
119717-51750	10	77
119717-51761	10	78
119717-55650	13	11
119717-61050	11	2
119717-61060	11	3
119717-61070	11	4
119717-61100	11	5
119717-61120	11	8
119717-61130	11	9
119717-61140	11	10
119717-61150	11	11
119717-61200	11	70
119717-61400	11	14
119717-61500	11	30
119717-77010	14	1
119717-77800	4	55
119717-77820	4	56
119718-13100	5	1
119740-42370	9	18
119742-77300	15	20
119744-01521	2	5
119744-01590	2	3
119744-34890	8	2
119744-34900	8	3
119746-21570	7	8
119802-03100	4	38
119802-03110	4	39
119802-03121	4	40
119802-03131	4	41
119802-03141	4	42
119802-13620	5	4
119802-32130	2	15
119810-02941	1	34
119810-55340	13	3
119810-55650	13	8
119813-59950	12	38
119833-55620	13	1
119840-59570	12	36
119865-21600	7	10
119940-77270	15	19
121023-01551	2	30
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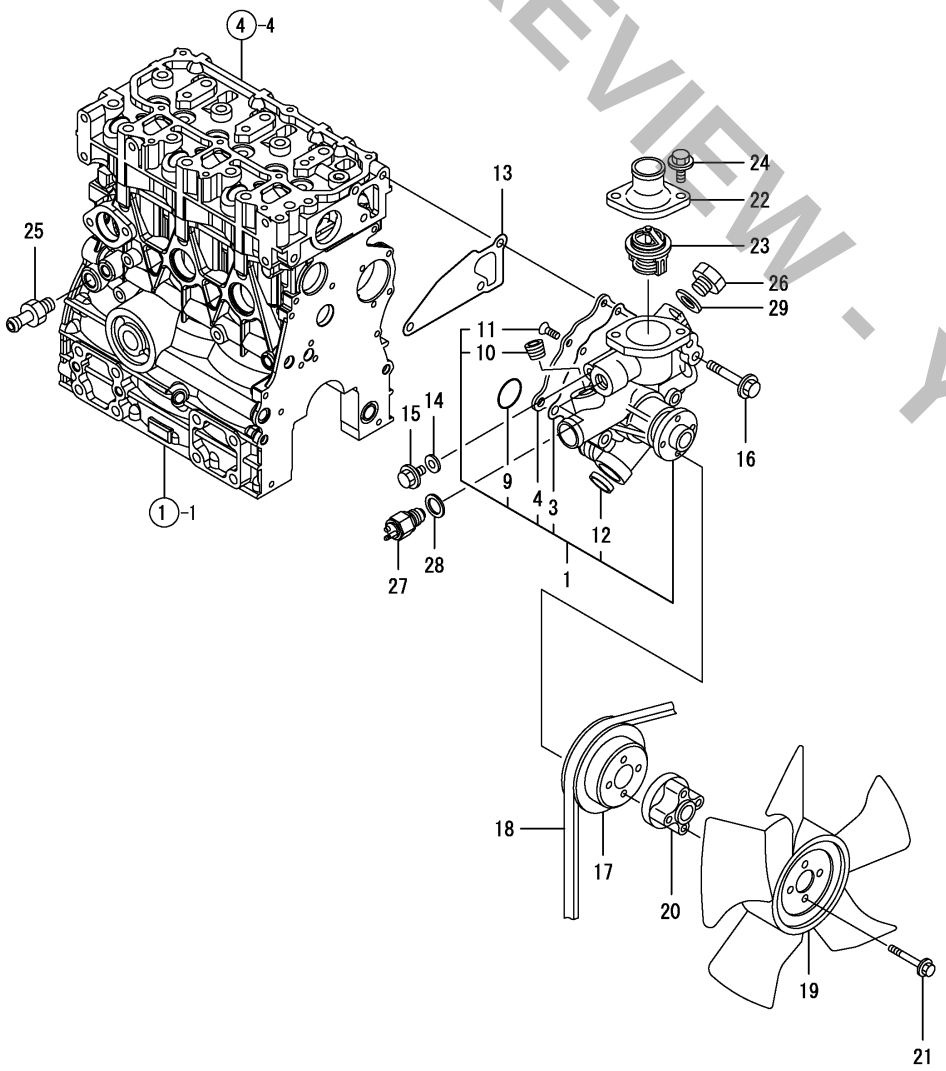
Fig.No.	GROUP NAME
3TNV70-DPE	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING & OIL SUMP
4.	CYLINDER HEAD & BONNET
5.	EXHAUST MANIFOLD
6.	CAMSHAFT & DRIVING GEAR
7.	CRANKSHAFT & PISTON
8.	LUB.OIL SYSTEM
9.	COOLING WATER SYSTEM
10.	FUEL INJECTION PUMP
11.	GOVERNOR
12.	FUEL INJECTION VALVE
13.	FUEL LINE
14.	STARTING MOTOR
15.	GENERATOR
16.	GASKET SET
17.	SHORT BLOCK

Fig.No. GROUP NAME

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Fig.9. COOLING WATER SYSTEM



9. COOLING WATER SYSTEM

(A)=3TNV70-DPE (D)=
(B)= (E)=
(C)= (F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119540-42000	PUMP ASSY, WATER	1							
3	2	119717-42031	GASKET	1							
4	2	119515-42041	COVER	1							
9	2	119717-42320	O-RING, P26	1							
10	2	129916-49740	PLUG, R03	1							
11	2	26577-060122	SCREW, M6X12	4							
12	2	27241-250000	PLUG 25	1							
13	1	119515-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET 8, ROUND	1							
15	1	26106-080122	BOLT M 8X 12 PLATED	1							
16	1	26106-080502	BOLT M 8X 50 PLATED	3							
17	1	119717-42350	V-PULLEY, WATER PUMP	1							
18	1	119740-42370	V-BELT, A35.5	1							
19	1	119265-44740	FAN, COOLING	1							
20	1	129457-44760	SPACER, FAN	1							
21	1	26106-060452	BOLT M 6X 45 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT	1							
24	1	26106-080202	BOLT M 8X 20 PLATED	2							
25	1	121550-49111	JOINT PT1/4	1							
26	1	121450-42450	PLUG M16	1							
27	1	121250-44901	SWITCH, THERMO.	1							
28	1	124465-44950	GASKET, 16	1							
29	1	124465-44950	GASKET, 16	1							

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

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