

0CW10-M06301EN

P R E F A C E

This parts catalog is the 2nd edition of 3TNV70-SSU and 3TNV70-SSU1 for Sunward.

Published : May, 2014



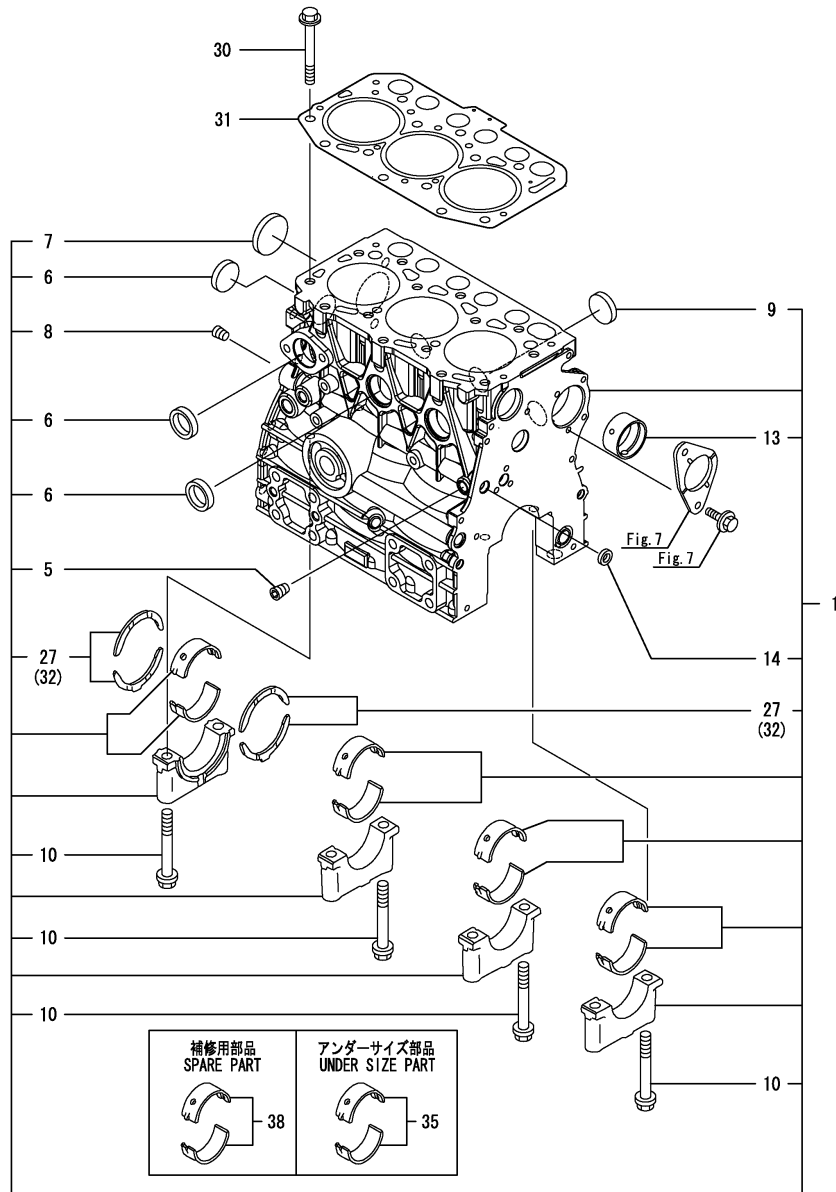
Fig. No.	Fig. Name
3	TNV70-SSU/3TNV70-SSU1
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING & OIL SUMP
4.	CYLINDER HEAD & BONNET
5.	AIR CLEANER
6.	EXHAUST MANIFOLD & SILENCER
7.	CAMSHAFT & DRIVING GEAR
8.	CRANKSHAFT & PISTON
9.	LUB. OIL SYSTEM
10.	COOLING WATER SYSTEM
11.	FUEL INJECTION PUMP
12.	GOVERNOR
13.	FUEL INJECTION VALVE
14.	FUEL PIPE
15.	STARTER MOTOR
16.	GENERATOR
17.	GASKET SET

Fig. No.	Fig. Name
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(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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



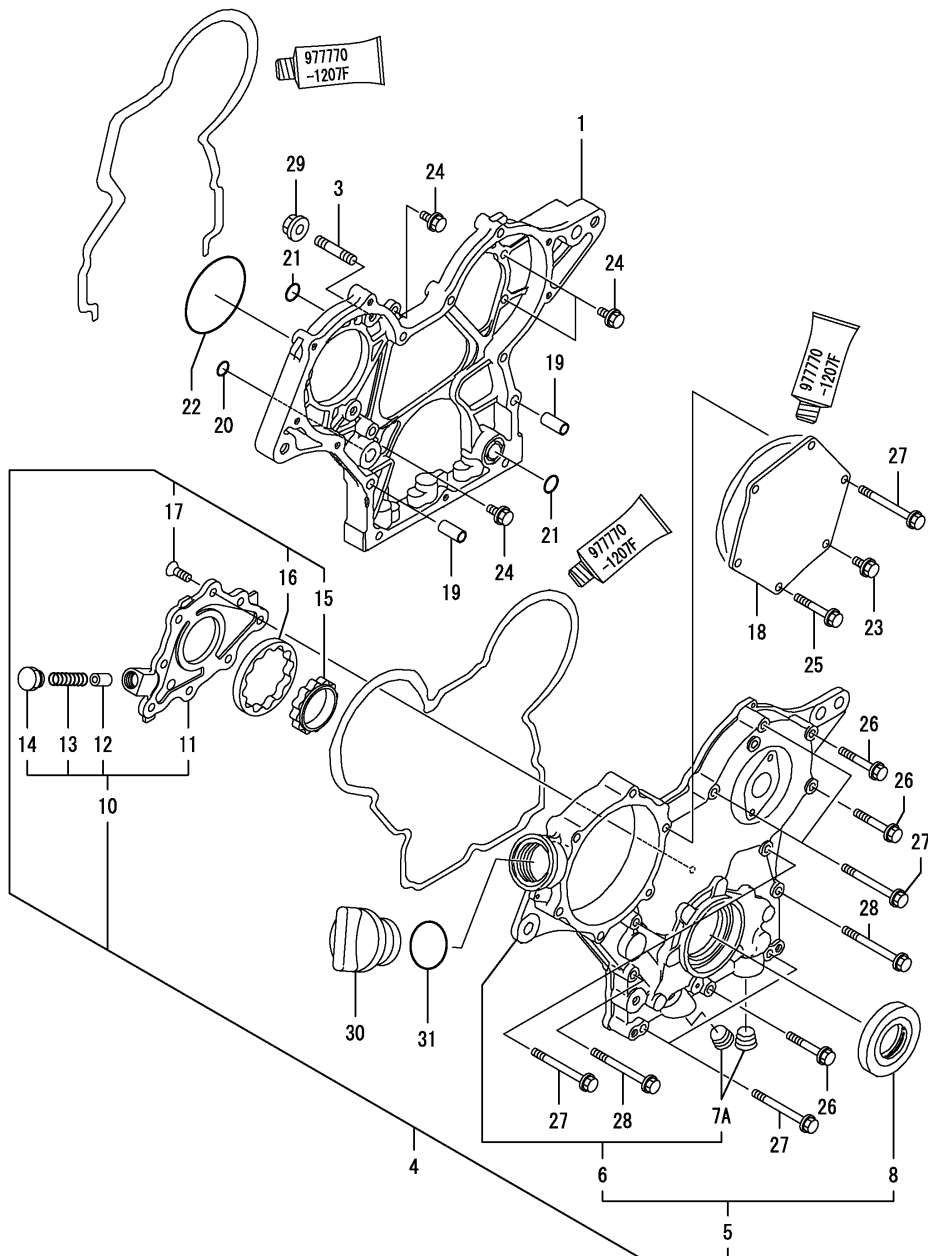
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719515-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	124060-01050	PLUG, PT1/8	1	1						
6	2	105311-01090	PLUG, 30	4	4						
7	2	119623-01250	PLUG, 45	1	1						
8	2	124160-01910	PLUG, PT1/4	1	1						
9	2	119285-01990	PLUG, 25	3	3						
10	2	119620-02020	BOLT, METAL CAP	8	8						
13	2	119717-02410	BUSH, CAMSHAFT	1							
13-1	2	119717-02411	BUSH, CAMSHAFT	1	1						N
(A=E13850)											
14	2	27241-120000	PLUG, 12	1	1						
27	2	119810-02930	BEARING, THRUST	1							
27-1	2	119717-02930	BEARING, THRUST	2	2						N
(A=E13850)											
30	1	119515-01200	BOLT, HEAD	14	14						
31	1	119515-01330	GASKET, HEAD	1							
31-1	1	119515-01331	GASKET, HEAD	1	1						N
(A=E83352)											
32	1	119810-02940	BEARING, THRUST 0.25	2							1
32-1	1	119810-02941	BEARING, THRUST 0.25	2	2						N 1
(A=E13850)											
35	1	719717-02910	BEARING, 0.25 US	4							3
35-1	1	719717-02911	BEARING, 0.25 US	4	4						N 3
(A=E13850)											
38	1	719717-02900	BEARING, MAIN	4							2
38-1	1	719717-02901	BEARING, MAIN	4	4						N 2
(A=E13850)											

Remarks

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

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

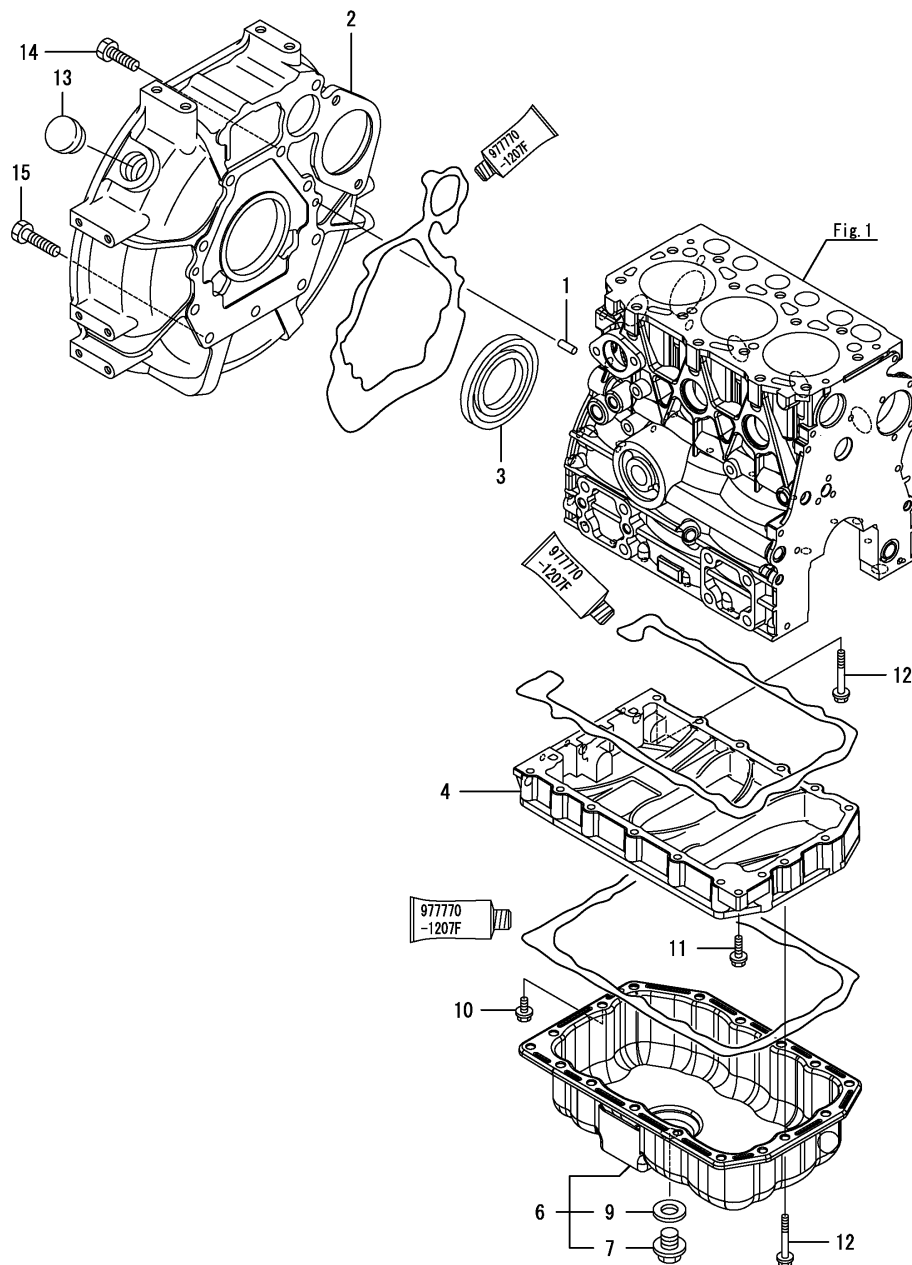
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1	1						
3	1	119717-01570	STUD	3	3						
4	1	119734-01590	COVER ASSY,GEAR CASE	1	1						
5	2	719734-01500	COVER ASSY,GEAR CASE	1	1						
6	3	119717-01521	COVER, GEAR CASE	1	1						
7A	4	23876-030000	PLUG, R03	2	2						
8	3	119717-01800	SEAL, OIL	1	1						
10	2	119717-32100	COVER ASSY	1	1						
11	3	119717-32080	COVER	1	1						
12	3	129900-32130	VALVE, RELIEF	1	1						
13	3	129001-32320	SPRING	1	1						
14	3	129001-32330	PLUG	1	1						
15	2	119717-32110	ROTOR, INNER	1	1						
16	2	119717-32120	ROTOR, OUTER	1	1						
17	2	119802-32130	SCREW, M6X16	8	8						
18	1	119717-01750	COVER	1	1						
19	1	119660-01911	PIPE, KNOCK	4	4						
20	1	119624-32040	O-RING, P12.0	1	1						
21	1	119717-32050	O-RING, P17.0	3	3						
22	1	121850-51960	O-RING	1	1						
23	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
24	1	26106-060162	BOLT, M6X 16 PLATED	4	4						
25	1	26106-060402	BOLT, M6X 40 PLATED	4	4						
26	1	26106-060402	BOLT, M6X 40 PLATED	3	3						
27	1	26106-060602	BOLT, M6X 60 PLATED	7	7						
28	1	26106-060652	BOLT, M6X 65 PLATED	2	2						
29	1	26306-080002	NUT, M8	3	3						
30	1	124160-01751	COVER, FILLER	1	1						
31	1	24311-000320	O-RING, 1AP32.0	1	1						

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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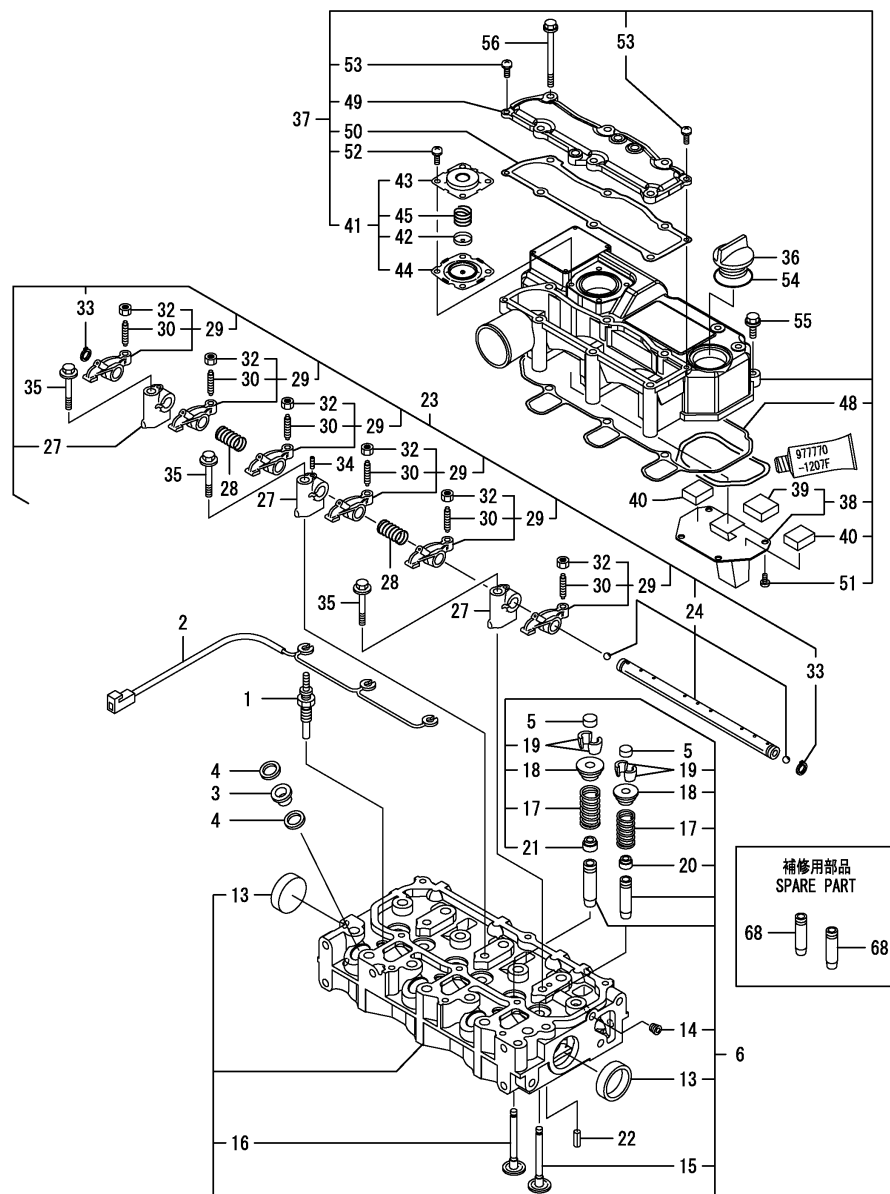


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, 8X16	2	2						
2	1	119515-01601	HOUSING, FLYWHEEL	1	1						
3	1	124085-02220	SEAL, OIL	1	1						
4	1	119515-01720	SPACER, OIL SUMP	1	1						
6	1	119540-01770	SUMP ASSY, OIL	1	1						
7	2	105425-01690	PLUG, 16	1	1						
9	2	22190-160002	WASHER, SEAL 16	1	1						
10	1	26106-060122	BOLT, M6X 12 PLATED	1	1						
11	1	26106-060252	BOLT, M6X 25 PLATED	1	1						
12	1	26106-060452	BOLT, M6X 45 PLATED	17	17						
13	1	119620-01750	CAP	1	1						
14	1	26206-100252	BOLT, M10X 25 PLATED	7	7						
15	1	121120-01620	BOLT, M10X28	3							
15-1	1	26206-100302	BOLT, M10X 30 PLATED	3	3						R

(A=E67187)

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
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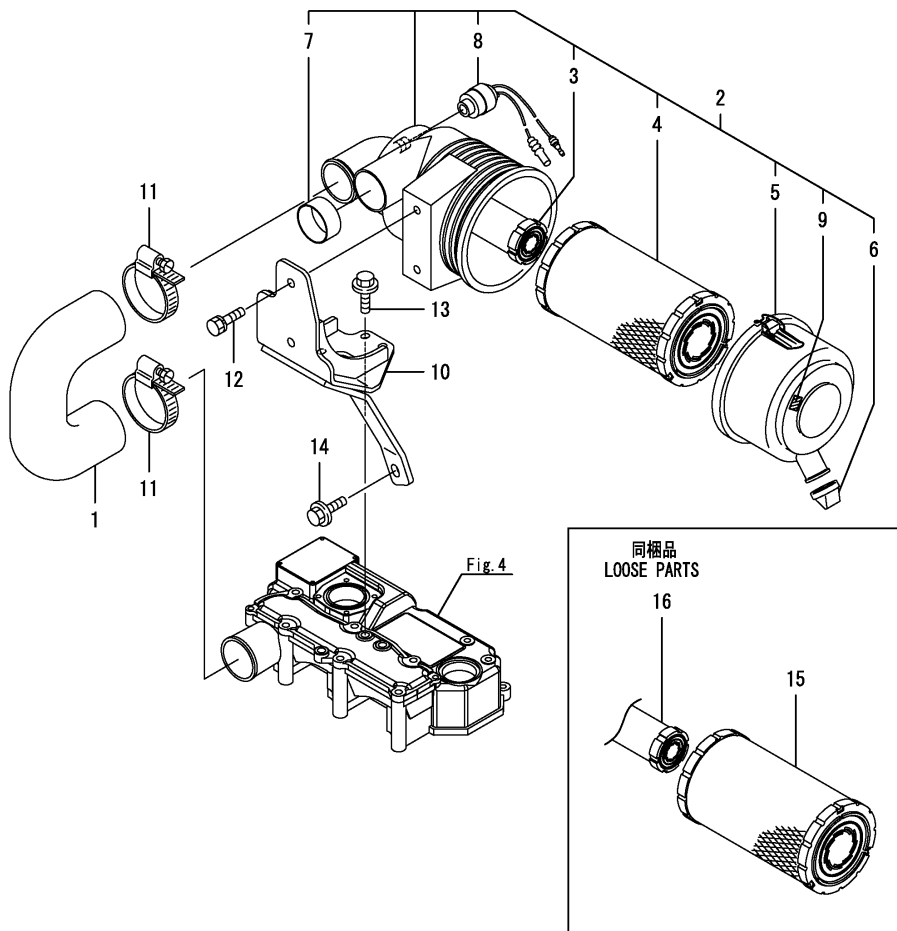
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77800	PLUG, GLOW	3							
1-1	1	119717-77801	PLUG, GLOW	3	3						N
(A=E87260)											
2	1	119717-77820	CONNECTOR, GLOW PLUG	1	1						
3	1	129901-11450	PROTECTOR, NOZZLE	3	3						
4	1	119600-11460	GASKET, NOZZLE	6	6						
5	1	105010-11490	CAP, VALVE	6	6						
6	1	119515-11740	HEAD ASSY, CYLINDER	1	1						
13	2	119285-11990	PLUG, 35	2	2						
14	2	23876-005000	PLUG, R005	1	1						
15	2	119515-11100	VALVE, INTAKE	3							
15-1	2	119515-11101	VALVE, INTAKE	3	3						R
(A=E18051)											
16	2	119515-11110	VALVE, EXHAUST	3	3						
17	2	119717-11131	SPRING, VALVE	6	6						
18	2	129508-11180	RETAINER, SPRING	6	6						
19	2	119717-11190	COTTER	12	12						
20	2	119717-11340	SEAL, VALVE STEM	3	3						
21	2	119717-11350	SEAL, VALVE STEM	3	3						
22	1	22351-060012	PIN, SPRING 6.0X12	2	2						
23	1	119515-11200	SUPPORT ASSY, ARM	1	1						
24	2	119515-11240	SHAFT ASSY, ROCKER	1	1						
27	2	119717-11260	SUPPORT, ROCKER ARM	3	3						
28	2	119515-11280	SPRING	2	2						
29	2	119717-11650	ARM, ROCKER	6	6						
30	3	129150-11230	SCREW, VALVE ADJUST	6	6						
32	3	129150-11750	NUT, M8	6	6						
33	2	22242-000120	RING, 12	2	2						
34	2	26979-050162	SCREW, M5X16	1	1						
35	1	26106-080402	BOLT, M8X 40 PLATED	3	3						
36	1	124160-01751	COVER, FILLER	1	1						
37	1	119515-11380	BONNET ASSY, HEAD	1	1						
38	2	119717-03031	PLATE	1	1						
39	3	119717-03070	BAFFLE, BREATHER	1	1						
40	2	119717-03070	BAFFLE, BREATHER	2	2						
41	2	119802-03100	DIAPHRAGM ASSY	1	1						
42	3	119802-03110	PLATE	1	1						
43	3	119802-03121	COVER, DIAPHRAGM	1	1						
44	3	119802-03131	DIAPHRAGM	1	1						
45	3	119802-03141	SPRING, DIAPHRAGM	1	1						
48	2	119515-11310	GASKET, BONNET	1	1						
49	2	119515-11320	COVER, BONNET	1	1						
50	2	119515-11330	GASKET	1	1						
51	2	22857-500100	SCREW, 5X10	4	4						
52	2	22857-500100	SCREW, 5X10	4	4						
53	2	22857-500160	SCREW, 5X16	2	2						
54	1	24311-000320	O-RING, 1AP32.0	1	1						
55	1	26106-060202	BOLT, M6X 20 PLATED	3	3						
56	1	26106-060752	BOLT, M6X 75 PLATED	6	6						
68	2	119515-11800	GUIDE, VALVE	6	6						

Remarks
(1)Spare parts.

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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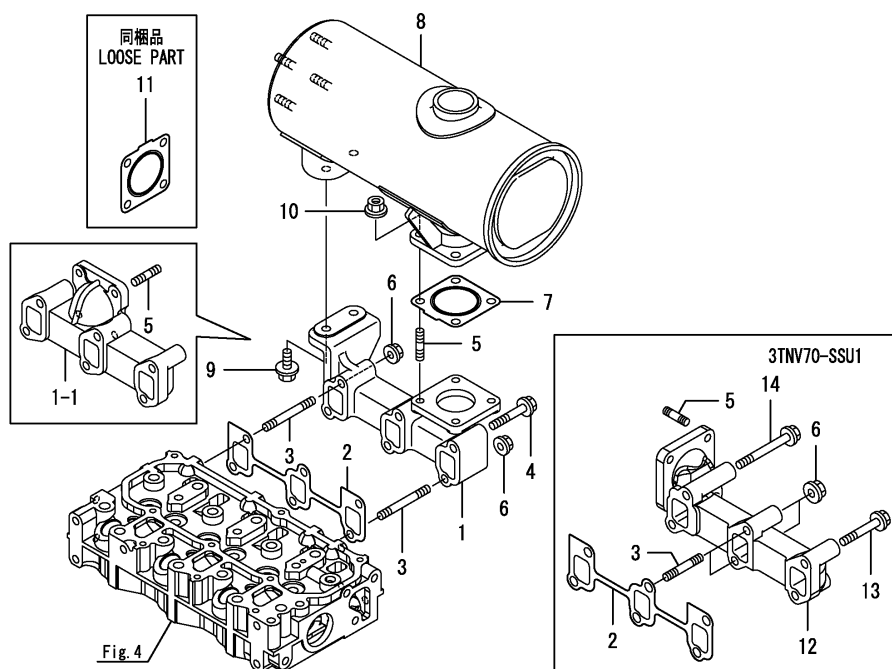
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119761-12020	PIPE, AIR INTAKE	1	1						
2	1	119540-12510	CLEANER ASSY, AIR	1							
2-1	1	119540-12520	AIR CLEANER ASSY	1	1						N
(A=E08042)											
3	2	119233-12700	ELEMENT	1	1						
4	2	119515-12520	ELEMENT	1							
4-1	2	119655-12560	ELEMENT	1	1						N
(A=E67187)											
5	2	119336-12570	COVER ASSY	1	1						
6	2	119808-12540	VALVE, UNLOADER	1	1						
7	2	105027-12580	RING	1	1						
8	2	119140-12680	INDICATOR	1	1						
9	2	129612-12650	LABEL, MARKING	1	1						
10	1	119515-12600	BRACKET, AIR CLEANER	1	1						
11	1	23000-054000	CLAMP, 54	2	2						
12	1	26013-080222	BOLT, M8X 22	2	2						
13	1	26106-060142	BOLT, M6X 14 PLATED	3	3						
14	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
15	1	119515-12520	ELEMENT	1	1						
16	1	119233-12700	ELEMENT	1	1						



(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

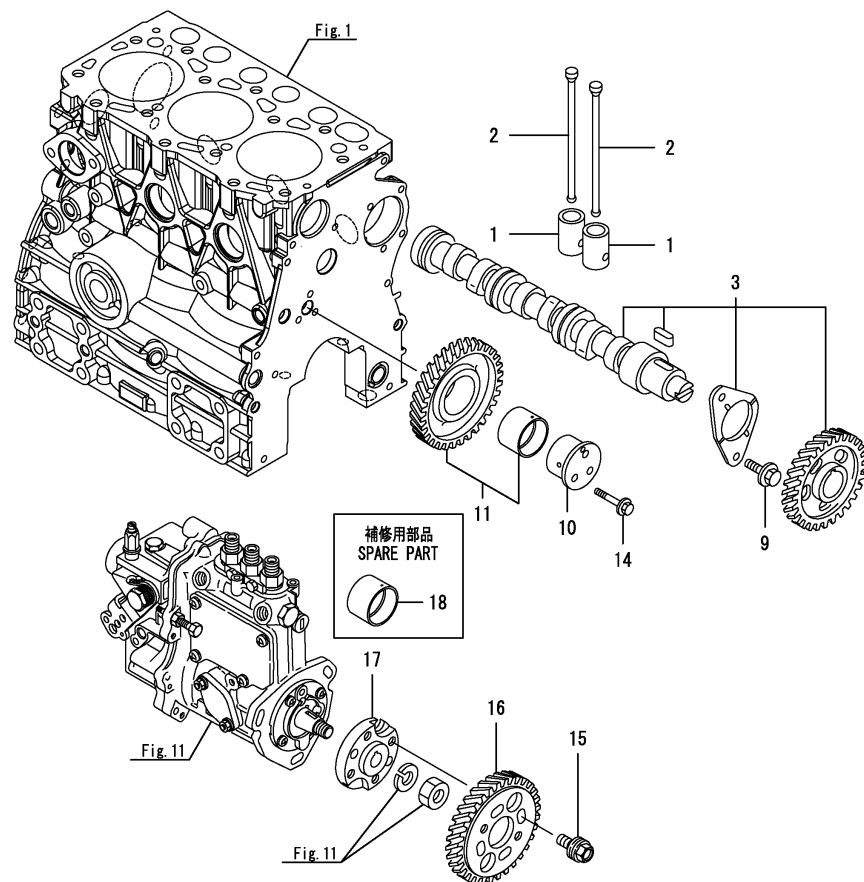
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-13109	MANIFOLD, EXHAUST	1							
1-1	1	119718-13100	MANIFOLD, EXHAUST	1							S
(A=E08042)											
2	1	119717-13110	GASKET	1	1						
3	1	119717-13600	STUD, M8X50	2	2						
4	1	119802-13620	BOLT, M8X50	4							
5	1	119131-18320	STUD, M8X22	4	4						
6	1	26306-080002	NUT, M8	2	2						
7	1	119515-13200	GASKET, SILENCER	1							Z
(A=E08042)											
8	1	119717-13550	SILENCER	1							Z
(A=E08042)											
9	1	26106-080252	BOLT, M8X 25 PLATED	2							Z
(A=E08042)											
10	1	26306-080002	NUT, M8	4							Z
(A=E08042)											
11	1	119515-13200	GASKET, SILENCER	1	2						
12	1	119740-13100	MANIFOLD, EXHAUST		1						
13	1	119802-13620	BOLT, M8X50		2						
14	1	123900-13620	BOLT, M8X70		2						



(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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

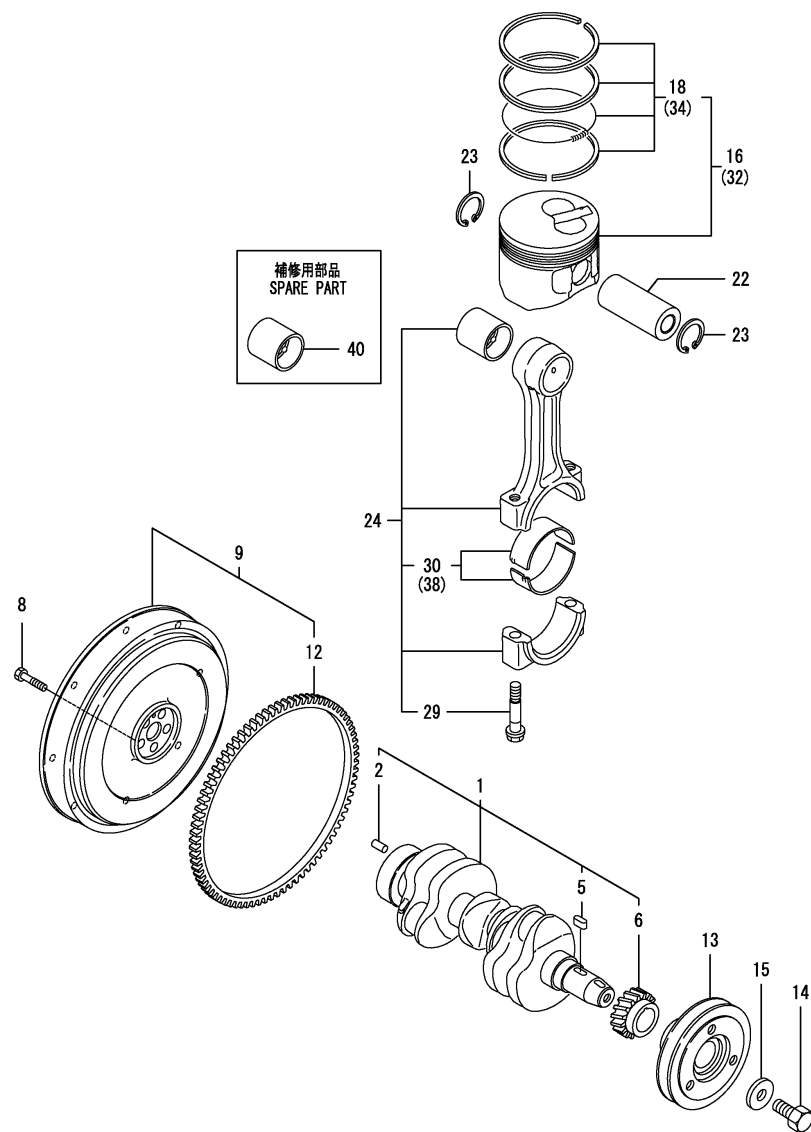


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6	6						
2	1	119515-14400	ROD, PUSH	6	6						
3	1	119515-14580	CAMSHAFT ASSY	1							
3-1	1	119515-14581 (A=E12001)	CAMSHAFT ASSY	1	1						R
9	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
10	1	119717-25050	SHAFT, IDLE	1	1						
11	1	119717-25100	GEAR ASSY, IDLE	1							
11-1	1	119717-25101	GEAR ASSY, IDLE	1	1						R
		(A=E14487)									
14	1	26106-060352	BOLT, M6X 35 PLATED	3	3						
15	1	129150-25301	BOLT	4	4						
16	1	119717-25930	GEAR, PUMP	1	1						
17	1	119717-51150	FLANGE	1	1						
18	1	119717-25910	BUSH, IDLE GEAR	1							1
18-1	1	119717-25911 (A=E14487)	BUSH, IDLE GEAR	1	1					N	1

Remarks
(1)Spare parts.

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, 8X16	1	1						
5	2	22512-040120	KEY, 4X 12	1	1						
6	2	119717-21200	GEAR, CRANKSHAFT	1	1						
8	1	119620-21500	BOLT, FLYWHEEL	5	5						
9	1	119515-21580	FLYWHEEL ASSY	1	1						
12	2	124950-21600	GEAR, RING	1	1						
13	1	119717-21650	V-PULLEY	1	1						
14	1	119621-21680	BOLT, FLANGE 12X1.25	1							
14-1	1	119621-21681	BOLT, FLANGE 12X1.25	1	1						R
(A=E67187)											
15	1	119620-21941	WASHER	1	1						
16	1	119515-22080	PISTON ASSY	3	3						
18	2	119515-22500	RING SET, PISTON	3	3						
22	1	119515-22300	PIN, PISTON	3	3						
23	1	22252-000220	RING, 22	6	6						
24	1	119515-23000	ROD ASSY, CONNECTING	3	3						
29	2	119717-23200	BOLT, CONNECTING ROD	6	6						
30	2	119515-23600	BEARING, CRANK PIN	3							
30-1	2	119515-23601	BEARING, CRANK PIN	3	3						R
(A=E24480)											
32	1	119515-22900	PISTON ASSY, 0.25 OS	3	3						1
34	2	119515-22550	RING SET, 0.25 OS	3	3						1
38	1	119515-23610	METAL ASSY, 0.25	3							3
38-1	1	119515-23611	METAL ASSY, 0.25	3	3						R 3
(A=E24480)											
40	1	119717-23910	BEARING, PISTON PIN	3	3						2

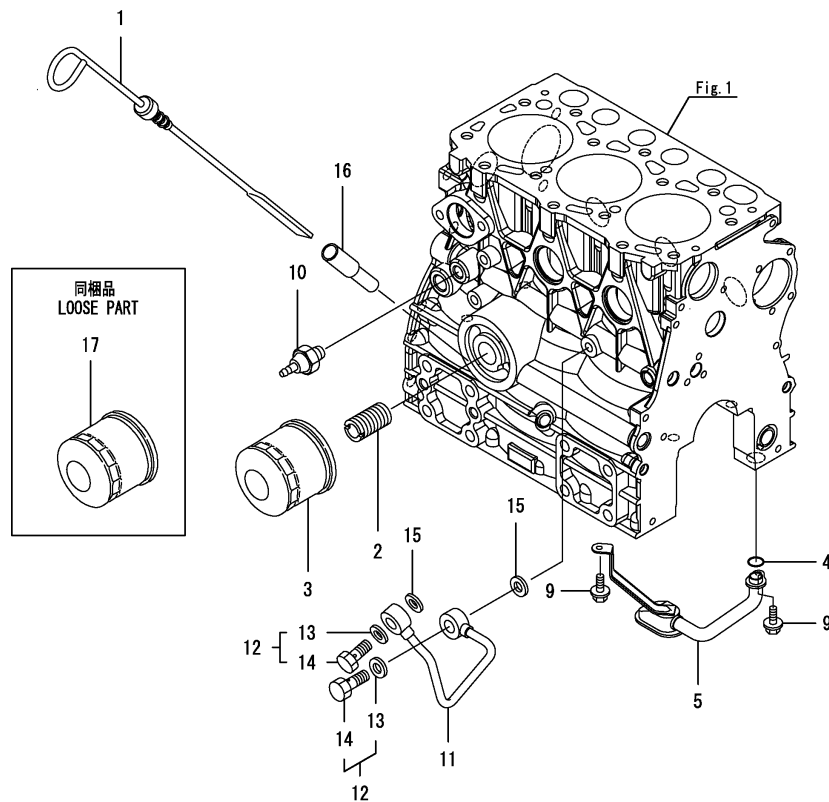
Remarks

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

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(B)=3TNV70-SSU1
(C)=

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-34801	DIPSTICK, OIL	1	1						
2	1	129100-35140	STUD	1							
2-1	1	119717-35140	BOLT	1	1						N
(A=E67187)											
3	1	119305-35151	FILTER ASSY, D68XL65	1	1						1
4	1	119717-32060	O-RING, P15.0	1	1						
5	1	119515-35080	PIPE ASSY, OIL INLET	1	1						
9	1	26106-060102	BOLT, M6X 10 PLATED	2	2						
10	1	114250-39450	SWITCH, 0.5KG	1	1						
11	1	119717-39210	PIPE, OIL	1	1						
12	1	129005-59830	BOLT ASSY, JOINT M8	2	2						
13	2	22190-080002	WASHER, SEAL 8	2	2						
14	2	23857-030000	BOLT, JOINT 3	2	2						
15	1	22190-080002	WASHER, SEAL 8	2	2						
16	1	121520-34810	GUIDE, DIPSTICK	1	1						
17	1	119305-35151	FILTER ASSY, D68XL65	1	1						

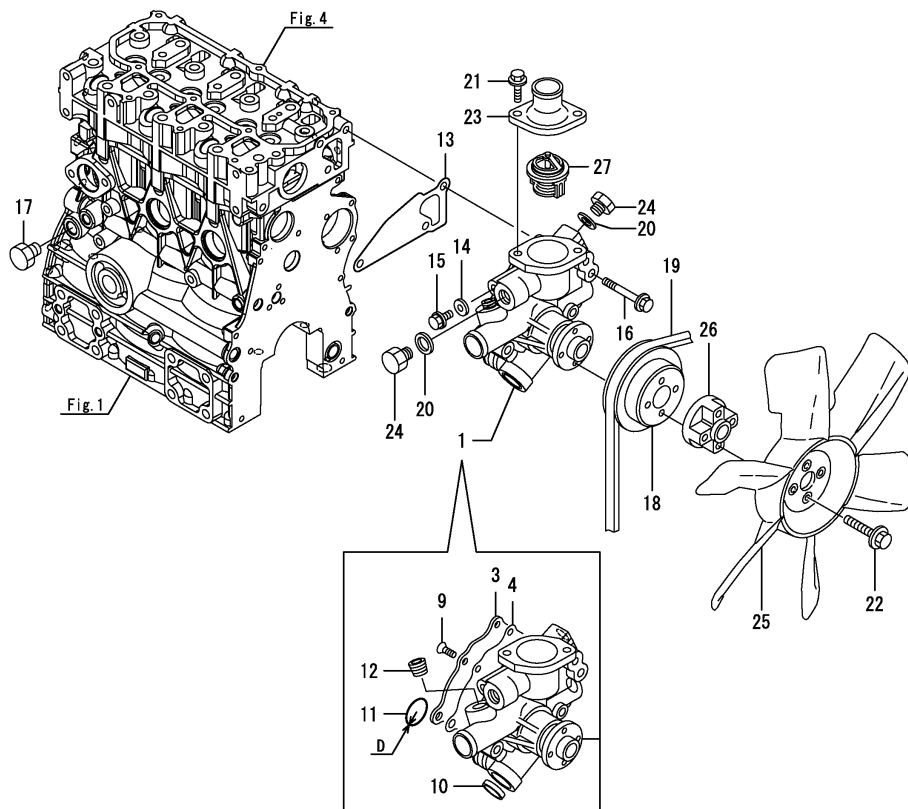


Remarks
(1)Spare parts.

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

(D)=
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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	1						N
(A=E87260)											
1-2	1	119C10-42001	PUMP ASSY, CW	1	1						N
(A=*2019.01) (B=*2019.01)											
3	2	119515-42041	COVER	1	1						
4	2	119717-42031	GASKET	1	1						
9	2	26577-060122	SCREW, M6X12	4	4						
10	2	27241-250000	PLUG, 25	1	1						
10-1	2	119717-42050	PLUG, 25	1	1						N
(A=*2019.01) (B=*2019.01)											
11	2	119717-42320	O-RING, P26	1							
11-1	2	119C10-42320	O-RING, 2028	1	1						S
(A=E87260)											
12	2	129916-49740	PLUG, R3/8	1	1						
13	1	119515-42020	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	171056-49120	PLUG, DRAIN R1/4	1	1						
18	1	119740-42350	V-PULLEY, D=90	1	1						
19	1	121522-42290	V-BELT, A34.5	1							
19-1	1	25132-003500	V-BELT, A35	1							N
(A=E04739)											
19-2	1	25152-003500	V-BELT, A35	1	1						N
(A=E67187)											
20	1	124465-44950	GASKET, 16	2	2						
21	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
22	1	26106-060352	BOLT, M6X 35 PLATED	4	4						
23	1	129350-49530	COVER, THERMOSTAT	1	1						
24	1	121450-42450	PLUG, M16	2	2						
25	1	119653-44740	FAN, COOLING D=320	1	1						
26	1	121267-44760	SPACER, FAN	1	1						
27	1	119717-49800	THERMOSTAT, 71C	1	1						

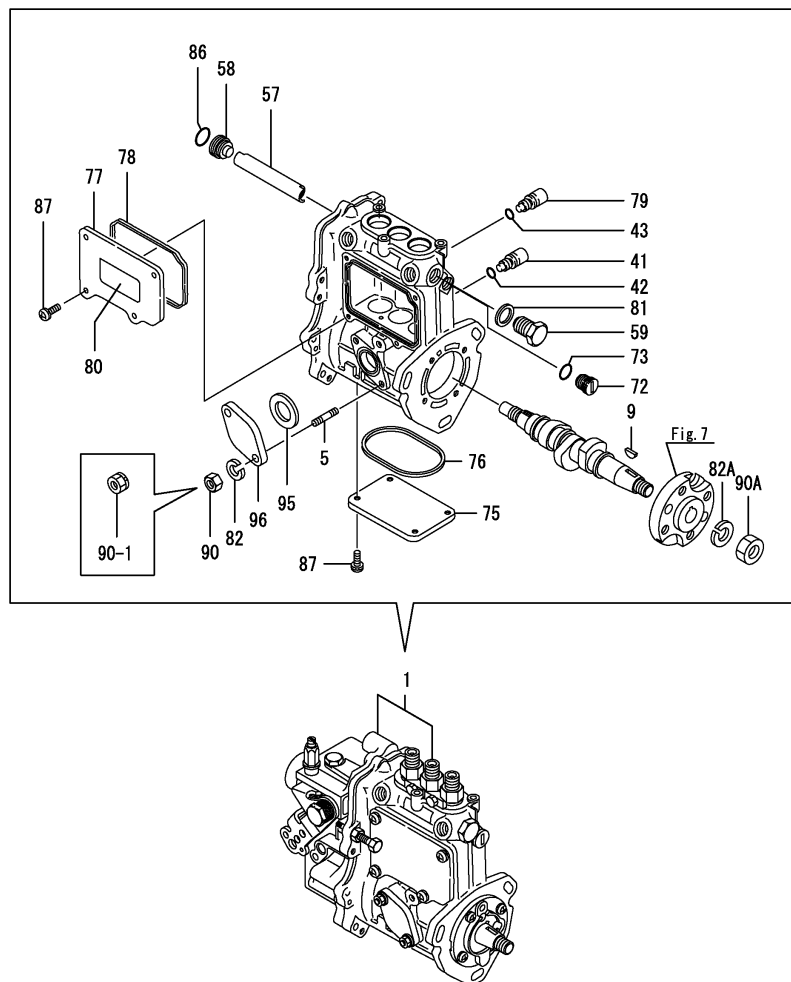


Remarks

(1)D=No.11 : 3.5mm, 11-1 : 2.4mm.

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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

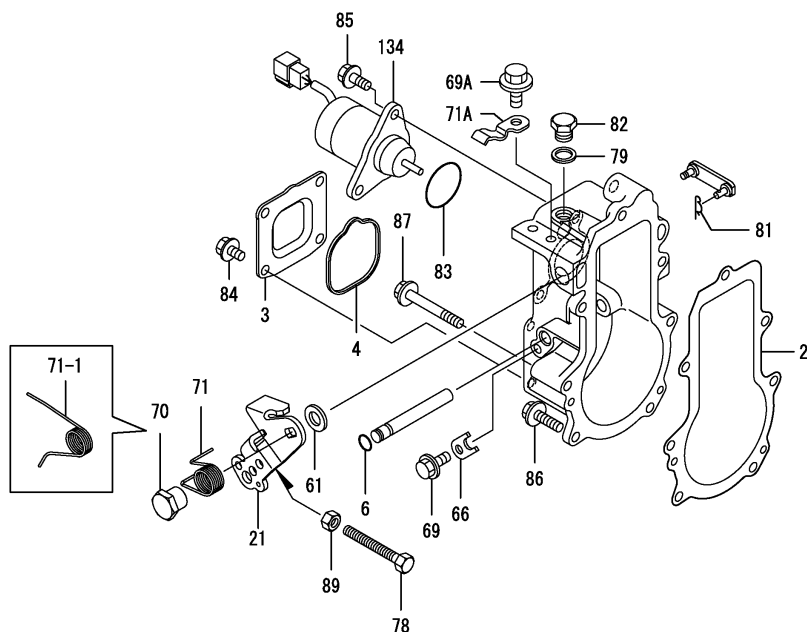


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719540-51340	PUMP ASSY, INJECTION	1							1
1-1	1	719540-51470	FIE ASSY(3TNV70-SSU	1	1					N	1
(A=E47293)											
5	2	129155-51020	STUD	2	2						
9	2	122710-51090	KEY	1	1						
41	2	158600-51270	STOPPER, TAPPET	3	3						
42	2	129155-51280	O-RING, S6	3	3						
43	2	129155-51280	O-RING, S6	1	1						
57	2	129155-51400	DEFLECTOR	1	1						
58	2	158600-51410	PLUG, DEFLECTOR	1	1						
59	2	158600-51420	PLUG, DEFLECTOR	1	1						
72	2	158600-51570	PLUG	1	1						
73	2	129155-51580	O-RING	1	1						
75	2	129155-51701	COVER	1	1						
76	2	119717-51710	GASKET	1							
76-1	2	119717-51711	GASKET	1	1					N	
(A=E12001)											
77	2	119717-51750	COVER	1	1						
78	2	119717-51760	GASKET	1							
78-1	2	119717-51761	GASKET	1	1					N	
(A=E12001)											
79	2	158600-51790	STOOPER, RACK	1	1						
80	2	129156-51910	LABEL, CAUTION	1						Z	
(A=E12001)											
81	2	22190-160002	WASHER, SEAL 16	1	1						
82	2	22217-060000	WASHER, SPRING 6	2						Z	
(A=E67187)											
82A	2	22217-120000	WASHER, SPRING 12	1	1						
86	2	119717-51420	O-RING	1	1						
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	
(A=E67187)											
90A	2	26716-120002	NUT, M12	1	1						
95	2	129155-52051	GASKET	1	1						
96	2	129100-52200	COVER	1	1						

Remarks

(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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


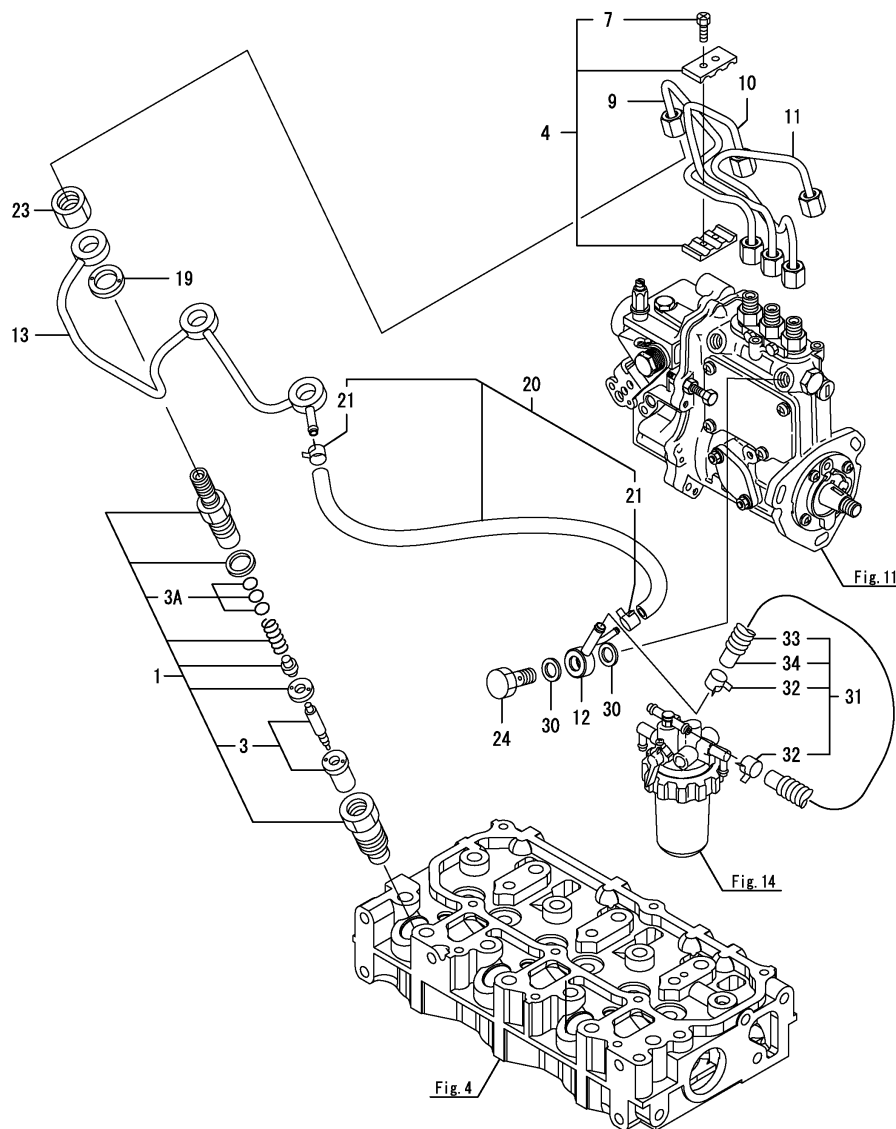
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-61050	GASKET	1	1						
3	2	119717-61060	COVER, GOVERNOR CASE	1	1						
4	2	119717-61070	GASKET	1	1						
6	2	129155-51280	O-RING, S6	1	1						
21	2	119515-61440	LEVER, CONTROL	1	1						
61	2	158552-61700	SHIM SET	1	1						
66	2	119660-61901	RETAINER, SHAFT	1	1						
69	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
69A	2	26106-060102	BOLT, M6X 10 PLATED	1	1						W
(A=E08042)											
70	2	129255-61410	NUT, LOCK	1	1						
71	2	129255-61420	SPRING, RETURN	1							
71-1	2	119534-61420	SPRING	1	1						S
(A=E08042)											
71A	2	119534-61430	RETAINER	1	1						W
(A=E08042)											
78	2	129155-61460	BOLT, IDLE	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=E72435)											
83	2	24341-000280	O-RING, 1AS28.0	1							
83-1	2	158552-61900	O-RING	1	1						N
(A=E12001)											
84	2	26106-060102	BOLT, M6X 10 PLATED	4	4						
85	2	26106-060142	BOLT, M6X 14 PLATED	2	2						
86	2	26106-060202	BOLT, M6X 20 PLATED	4	4						
87	2	26106-060452	BOLT, M6X 45 PLATED	3	3						
89	2	26756-060002	NUT, LOCK M6	1	1						
134	2	119653-77950	SOLENOID, STOP	1							
134-1	2	119233-77932	SOLENOID, STOP	1	1						N
(A=E47293)											

Remarks

* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.11).

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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



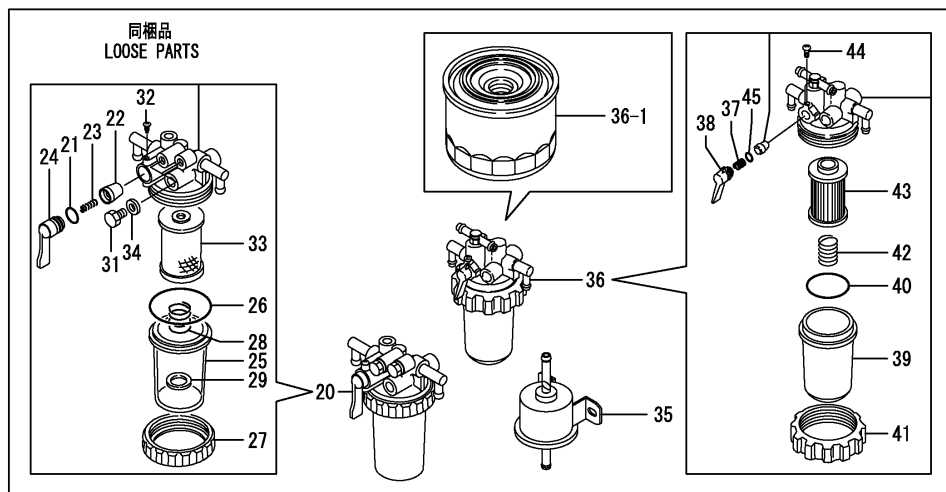
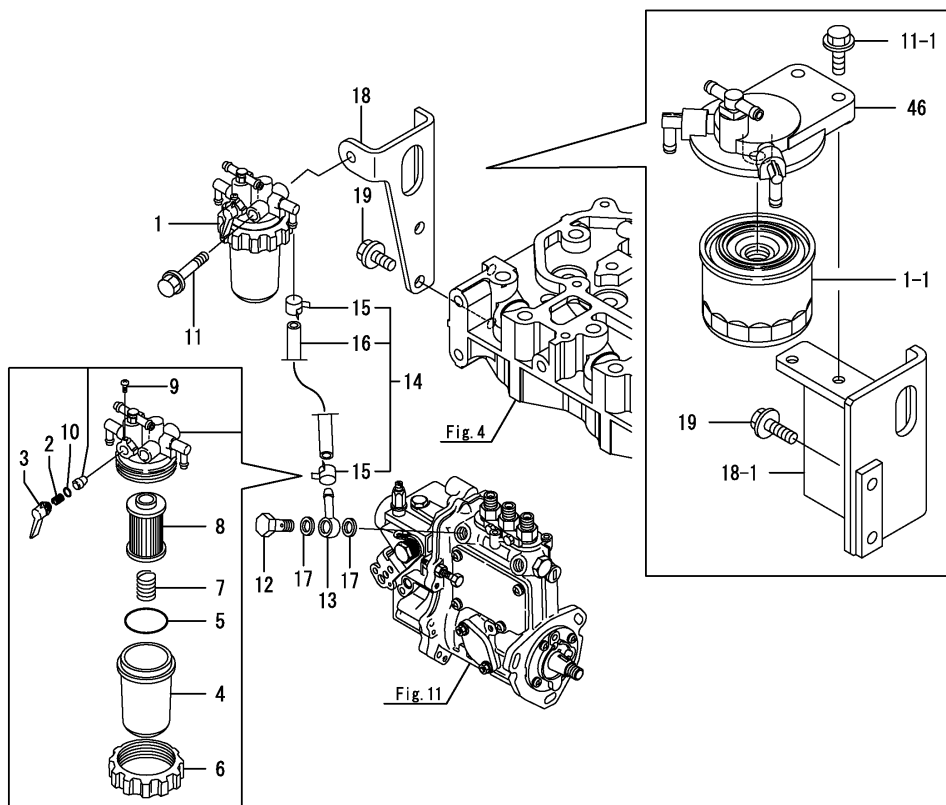
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119517-53001	VALVE ASSY,INJECTION	3	3						
3	2	119517-53010	NOZZLE ASSY	3	3						
3A	2	129901-53800	SHIM SET, ADJUSTING	2	2						
4	1	129150-59120	RETAINER, PIPE	1	1						
7	2	129150-59131	BOLT, M4X14	2	2						
9	1	119546-59810	PIPE ASSY, INJECTION	1	1						
10	1	119546-59820	PIPE ASSY, INJECTION	1	1						
11	1	119546-59830	PIPE ASSY, INJECTION	1	1						
12	1	119840-59570	JOINT	1							
12-1	1	119740-59590	JOINT, OVER FLOW	1	1					F	1
(A=E13246)											
13	1	119515-59540	PIPE ASSY, RETURN	1	1						
19	1	129901-59560	GASKET	3	3						
20	1	119540-59570	PIPE ASSY, RETURN	1							
20-1	1	119744-59560	PIPE ASSY, RETURN	1	1					F	1
(A=E13246)											
21	2	124066-59100	CLIP, HOSE 8	2	2						
23	1	119620-59700	NUT, NOZZLE	3	3						
24	1	119813-59950	VALVE ASSY, CHECK	1	1						
30	1	22190-120002	WASHER, SEAL 12	2	2						
31	1	129950-59211	PIPE, FUEL	1	1						
32	2	124766-59050	CLIP, HOSE 11.5	2	2						
33	2	129950-59221	TUBE, CORRUGATED	1	1						
34	2	105025-59530	PIPE, FUEL D13X400	1	1						

Remarks

(1)Interchangeable by simultaneous replacement with No.12-1 & 20-1.

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

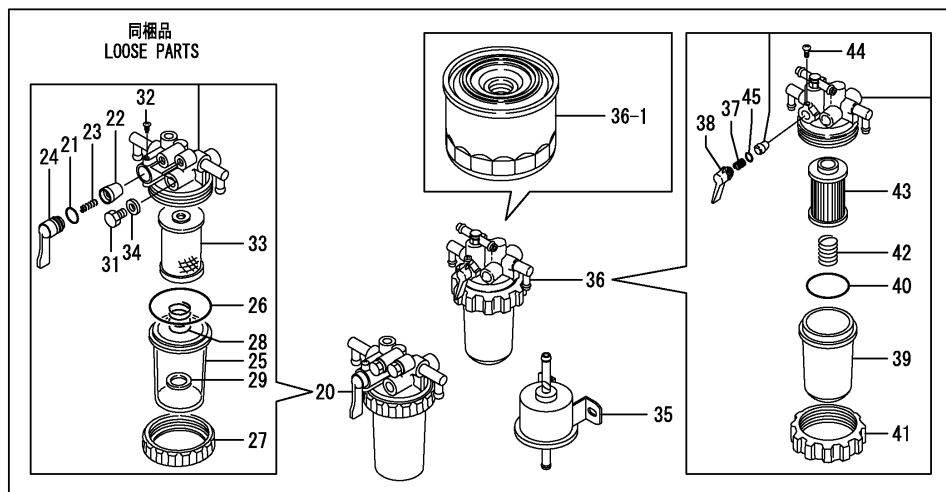
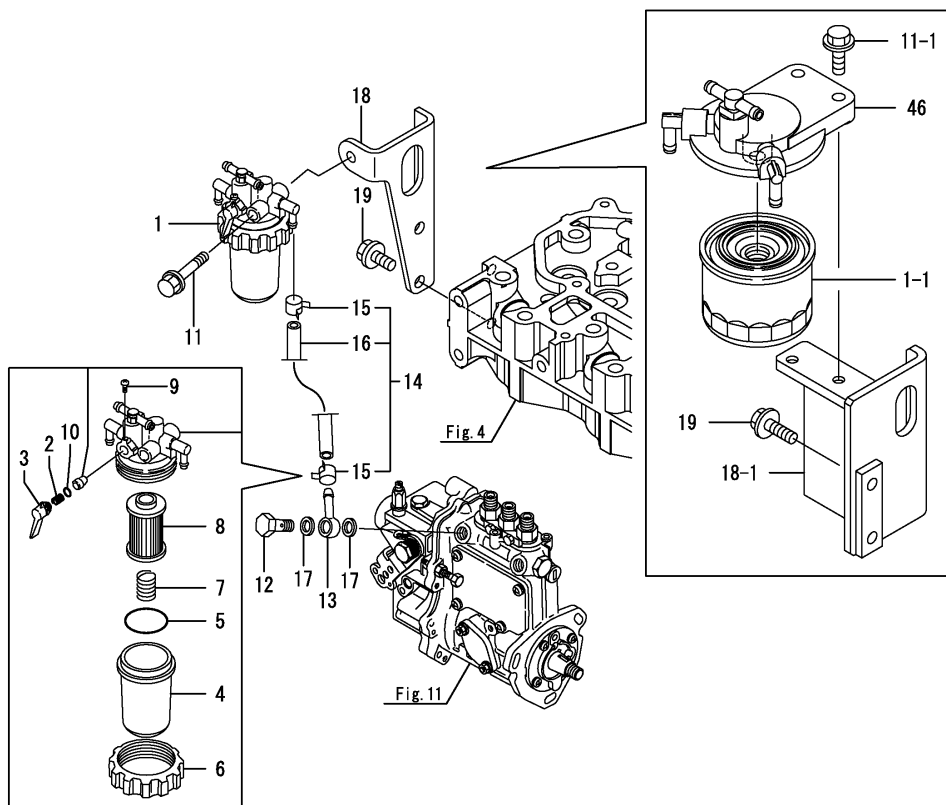
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119833-55620	FILTER ASSY, FUEL	1							
1-1	1	119802-55800	FILTER, FUEL	1						S	
		(A=E08042)									
1-2	1	119802-55801	FILTER, FUEL	1	1					R	
		(A=E12001)									
2	2	104200-55330	SPRING, VALVE	1						Z	
		(A=E08042)									
3	2	119810-55340	LEVER	1						Z	
		(A=E08042)									
4	2	121254-55510	COVER	1						Z	
		(A=E08042)									
5	2	102103-55520	O-RING	1						Z	
		(A=E08042)									
6	2	110250-55610	RING, RETAINING	1						Z	
		(A=E08042)									
7	2	121250-55620	SPRING	1						Z	
		(A=E08042)									
8	2	119810-55650	ELEMENT	1						Z	
		(A=E08042)									
9	2	104200-55750	SCREW, M4	1						Z	
		(A=E08042)									
10	2	24311-240100	O-RING, 1AP10A	1						Z	
		(A=E08042)									
11	1	26014-080702	BOLT, M8X 70	1							
11-1	1	26106-080302	BOLT, M8X 30 PLATED	2	2					S	
		(A=E08042)									
12	1	103854-39140	BOLT, PIPE JOINT	1	1						
13	1	101304-59020	JOINT, PIPE 12	1	1						
14	1	129210-59080	PIPE ASSY, FUEL	1	1						
15	2	124766-59050	CLIP, HOSE 11.5	2	2						
16	2	129136-59110	PIPE, D13/7.5X270	1	1						
17	1	22190-120002	WASHER, SEAL 12	2	2						
18	1	119717-55650	BRACKET, FILTER	1							
18-1	1	119540-55650	BRACKET, FILTER	1						S	
		(A=E08042)									
18-2	1	119540-55651	BRACKET, FILTER	1	1					N	
		(A=E33897)									
19	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
20	1	129335-55700	SEPARATOR ASSY, WATER	1	1						
20-1	1	129335-55701	SEPARATOR ASSY, WATER	1	1					N	
		(A=E83352)									
21	2	24311-240100	O-RING, 1AP10A	1							
22	2	104200-55321	VALVE, TAPER	1	1						
23	2	104200-55330	SPRING, VALVE	1	1						
24	2	104200-55341	HANDLE	1	1						
25	2	124064-55510	COVER	1	1						
26	2	102103-55520	O-RING	1	1						
27	2	110250-55610	RING, RETAINING	1	1						
28	2	121257-55720	SPRING	1	1						
29	2	121257-55731	FLOAT	1	1						
31	2	101720-55750	PLUG, 6	2	2						

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

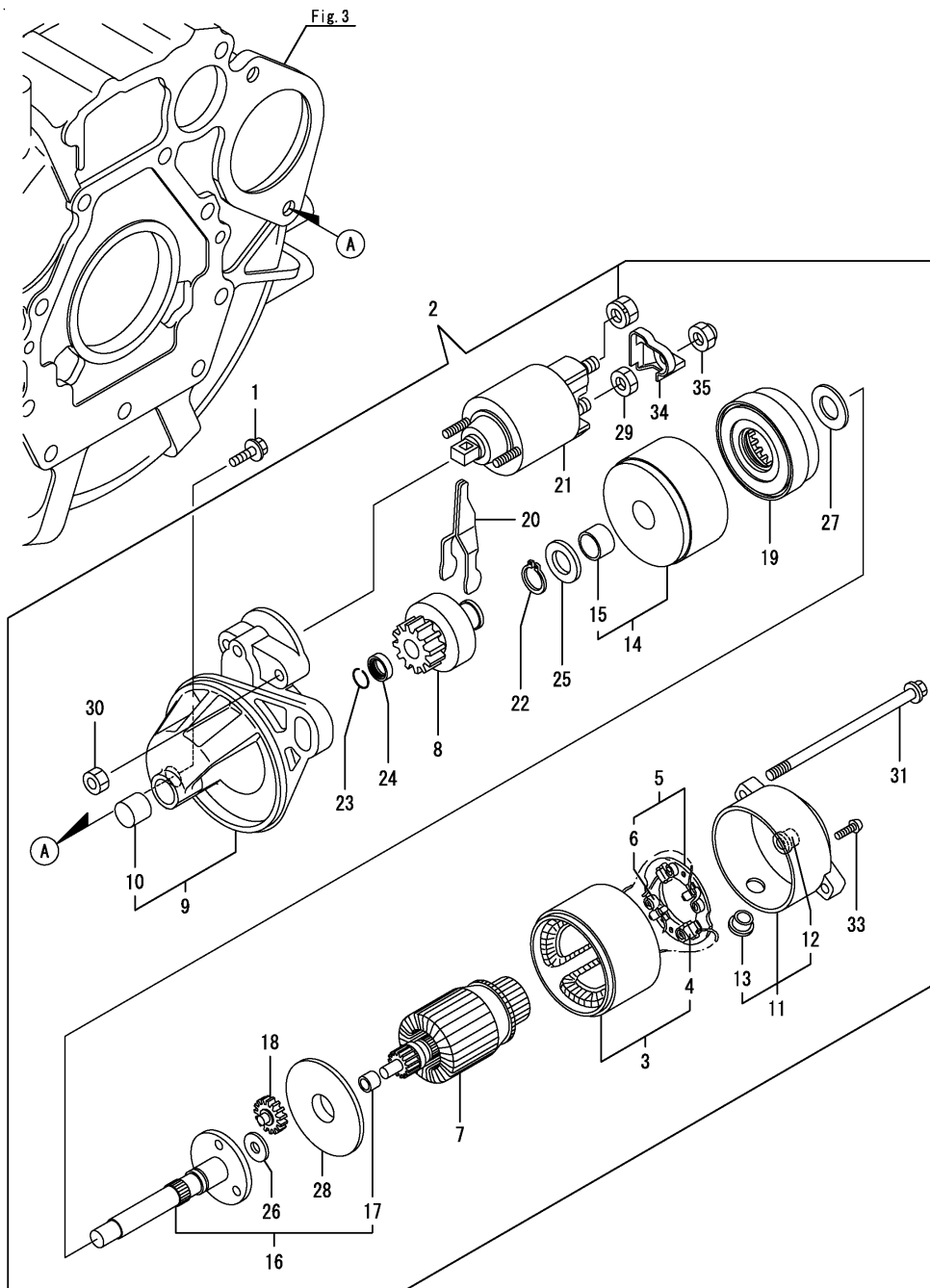
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
32	2	104200-55750	SCREW, M4	1	1						
33	2	171081-55910	SCREEN	1	1						
34	2	23418-060000	GASKET, 6X1.0	2	2						
35	1	119225-52102	PUMP ASSY, FUEL FEED	1	1						
35-1	1	129612-52100	PUMP ASSY, FUEL FEED	1	1						N
(A=E67187)											
36	1	119833-55620	FILTER ASSY, FUEL	1							
36-1	1	119802-55801	FILTER, FUEL	1	1						S
(A=E08042)											
37	2	104200-55330	SPRING, VALVE	1							Z
(A=E08042)											
38	2	119810-55340	LEVER	1							Z
(A=E08042)											
39	2	121254-55510	COVER	1							Z
(A=E08042)											
40	2	102103-55520	O-RING	1							Z
(A=E08042)											
41	2	110250-55610	RING, RETAINING	1							Z
(A=E08042)											
42	2	121250-55620	SPRING	1							Z
(A=E08042)											
43	2	119810-55650	ELEMENT	1							Z
(A=E08042)											
44	2	104200-55750	SCREW, M4	1							Z
(A=E08042)											
45	2	24311-240100	O-RING, 1AP10A	1							Z
(A=E08042)											
46	1	119934-55610	BRACKET, FILTER	1							W
(A=E08042)											
46-1	1	119934-55611	BRACKET, FILTER	1	1						N
(A=E47293)											

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

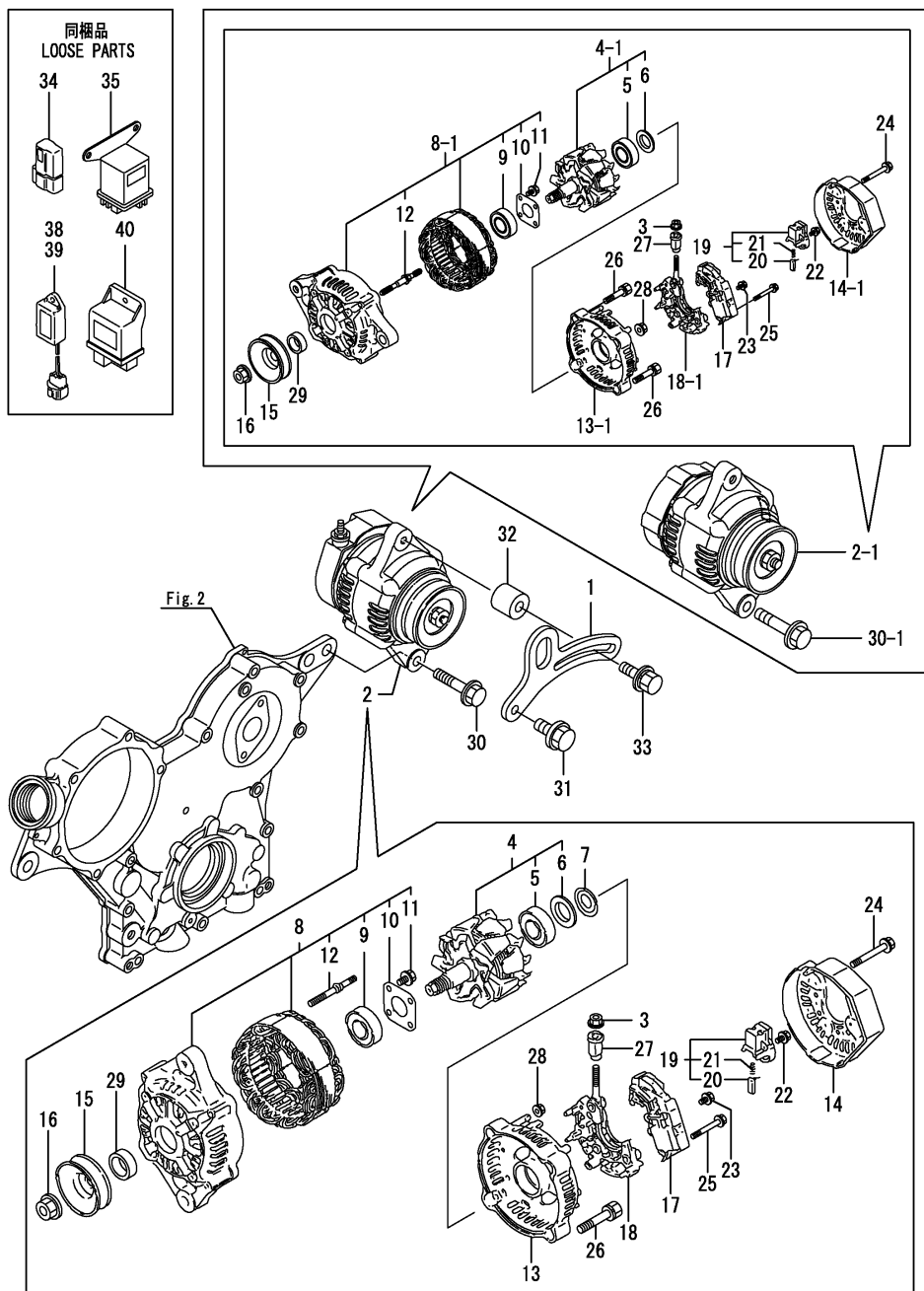
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100252	BOLT, M10X 25 PLATED	2	2						
2	1	119515-77010	STARTER	1	1						
3	2	X0281007680	YOKE ASSY	1	1						
4	3	X0280996180	STARTER KIT	2	2						
5	2	X0285105190	HOLDER ASSY	1	1						
6	3	X0285205030	SPRING	4	4						
7	2	X0282005871	ARMATURE ASSY	1	1						
8	2	X0283006960	CLUTCH ASSY	1	1						
9	2	X4284001590	HOUSING ASSY	1	1						
10	3	X9491050100	BEARING, NEEDLE	1	1						
11	2	X0285007030	FRAME ASSY	1	1						
12	3	X9491040990	BEARING	1	1						
13	3	X0280626010	COVER	1	1						
14	2	X0284105040	BEARING ASSY	1	1						
15	3	X9491034330	BEARING	1	1						
16	2	X0286105010	SHAFT ASSY	1	1						
17	3	X9491034320	BEARING	1	1						
18	2	X0286305010	GEAR	3	3						
19	2	X0286355010	GEAR	1	1						
20	2	X0287405140	LEVER	1	1						
21	2	X0534007800	SWITCH ASSY	1							
21-1	2	X2534000090	SWITCH ASSY	1	1						N
(A=*2012.03)											
22	2	X9055715000	RING	1	1						
23	2	X9490721360	RING	1	1						
24	2	X0280210331	NUT	1	1						
25	2	X9490138110	WASHER	1	1						
26	2	X9490138090	WASHER	1	1						
27	2	X9490138100	WASHER	1	1						
28	2	X0284525010	PLATE	1	1						
29	2	X9490562360	NUT	1	1						
30	2	X9490560750	NUT	2	2						
31	2	X9490423520	BOLT, THROUGH	2	2						
33	2	X9490065670	SCREW, M4X6	2	2						
34	2	X0280335360	COVER, TERMINAL	1							
34-1	2	X1280330020	COVER, TERMINAL	1	1						N
(A=*2012.03)											
35	2	X1289510130	NUT	1	1						

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119230-77330	ADJUSTER	1	1						
2	1	129423-77200	GENERATOR, 12V-40A	1							
2-1	1	119626-77210	ALTERNATOR, 12V-55A	1	1						N
(A=E23604)											
3	2	X9490561001	NUT	1	1						
4	2	119620-77380	ROTOR ASSY	1							
4-1	2	129052-77380	ROTOR ASSY	1	1						S
(A=E23604)											
5	3	123501-79240	BEARING, BALL	1	1						
6	3	119620-79250	COVER	1	1						
7	2	119620-79360	WASHER, THRUST	1							Z
(A=E23604)											
8	2	119620-77421	FRAME ASSY, DRIVE	1							
8-1	2	129052-77422	FRAME ASSY	1	1						S
(A=E23604)											
9	3	119620-79200	BEARING, BALL	1	1						
10	3	119620-79210	PLATE, RETAINER	1	1						
11	3	119620-79220	SCREW	4	4						
12	3	119620-79230	STUD	2	2						
13	2	119620-77440	FRAME ASSY	1							
13-1	2	128401-77440	FRAME	1	1						S
(A=E23604)											
14	2	129240-79300	COVER	1							
14-1	2	119626-77450	COVER	1	1						S
(A=E23604)											
15	2	119620-77461	PULLEY	1	1						
16	2	119620-77471	NUT	1	1						
17	2	129423-77710	REGULATOR ASSY	1	1						
18	2	119620-79260	HOLDER	1							
18-1	2	129052-79260	HOLDER	1	1						S
(A=E23604)											
19	2	129052-79270	HOLDER, BRUSH	1	1						
20	3	119620-77480	BRUSH ASSY	2	2						
21	3	119620-79280	SPRING	2	2						
22	2	119620-79290	SCREW	6	6						
23	2	119620-79300	SCREW	1	1						
24	2	119620-79310	BOLT	3	3						
25	2	119620-79320	SCREW	2	2						
26	2	119620-79330	BOLT	2	2						
27	2	119620-79340	BUSH, INSULATION	1	1						
28	2	119620-79350	NUT	2	2						
29	2	119620-77490	COLLAR	1	1						
30	1	26106-100452	BOLT, M10X 45 PLATED	1							
30-1	1	26106-100502	BOLT, M10X 50 PLATED	1	1						S
(A=E23604)											
31	1	26106-080202	BOLT, M8X 20 PLATED	1	1						
32	1	124732-77340	SPACER	1	1						
33	1	129972-77341	BOLT, ADJUSTER L=50	1	1						
34	1	119643-66900	DIODE	1	1						
35	1	119650-77910	RELAY ASSY, GLOW	1							
35-1	1	119650-77911	RELAY ASSY, GLOW	1	1						N

(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		

(A=E72435)

38 1 129155-77925

TIMER

1 1

39 1 129211-77920

TIMER

1 1

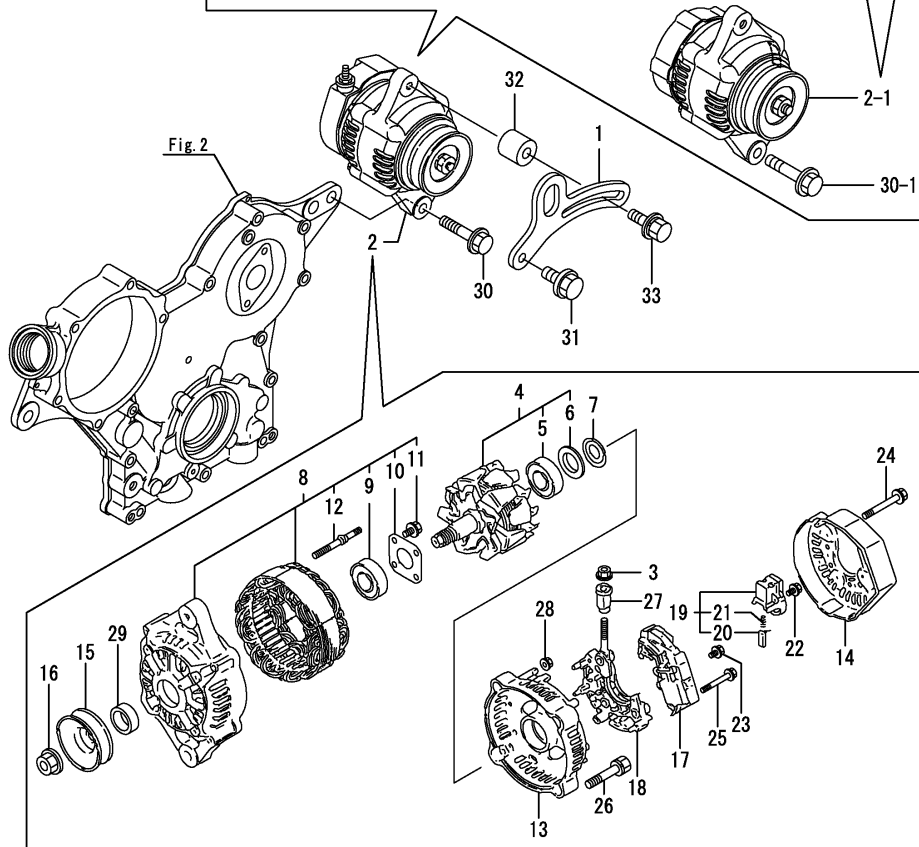
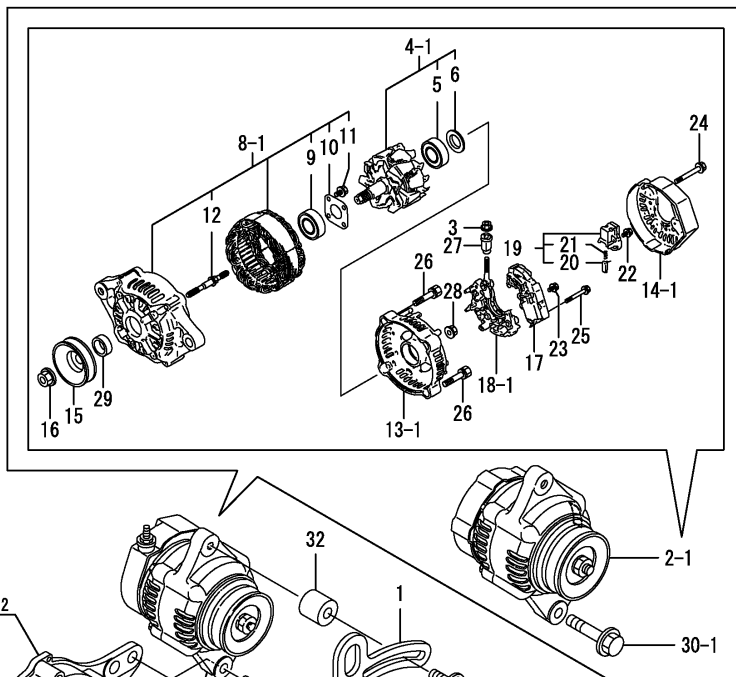
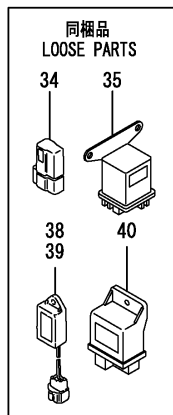
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RELAY, SAFETY

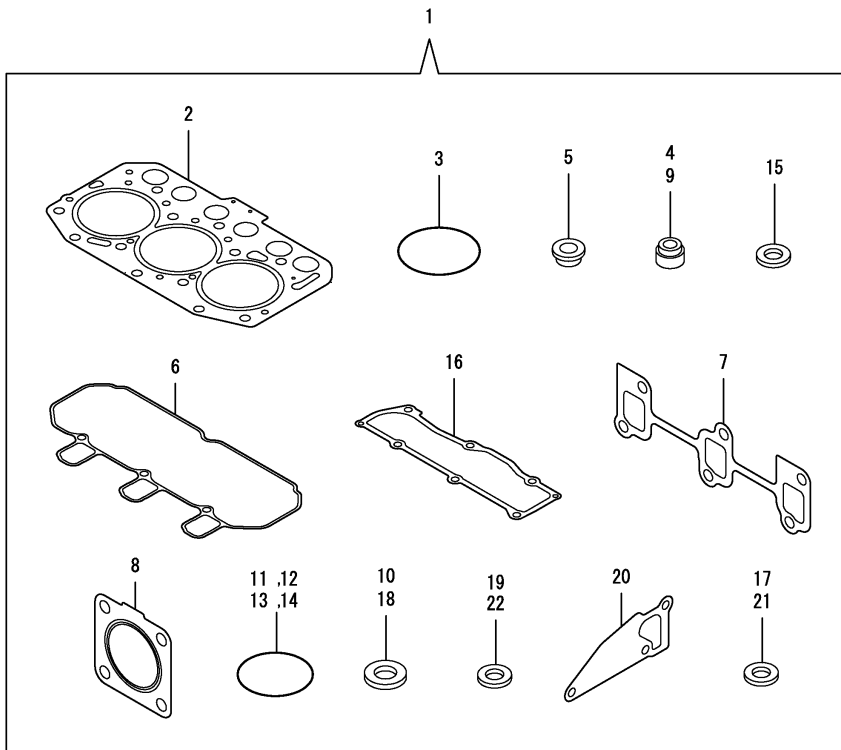
1 1

W

(A=E67187)



(A)=3TNV70-SSU
(B)=3TNV70-SSU1
(C)=

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


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719515-92690	GASKET SET	1	1						1
2	2	119515-01330	GASKET, HEAD	1							
2-1	2	119515-01331	GASKET, HEAD	1	1						N
(A=E83352)											
3	2	121850-51960	O-RING	1	1						
4	2	119717-11340	SEAL, VALVE STEM	3	3						
5	2	129901-11450	PROTECTOR, NOZZLE	3	3						
6	2	119515-11310	GASKET, BONNET	1	1						
7	2	119717-13110	GASKET	1	1						
8	2	119515-13200	GASKET, SILENCER	2	2						
9	2	119717-11350	SEAL, VALVE STEM	3	3						
10	2	22190-080002	WASHER, SEAL 8	4	4						
11	2	24311-000320	O-RING, 1AP32.0	2	2						
12	2	119717-32060	O-RING, P15.0	1	1						
13	2	119624-32040	O-RING, P12.0	1	1						
14	2	119717-32050	O-RING, P17.0	3	3						
15	2	119600-11460	GASKET, NOZZLE	6	6						
16	2	119515-11330	GASKET	1	1						
17	2	22190-160002	WASHER, SEAL 16	1	1						
18	2	22190-120002	WASHER, SEAL 12	4	4						
19	2	129901-59560	GASKET	3	3						
20	2	119515-42020	GASKET, WATER PUMP	1	1						
21	2	23414-080000	GASKET, 8X1.0	1	1						
22	2	124465-44950	GASKET, 16	2	2						

Remarks

(1)Optional parts.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	14	13
101720-55750	14	31
102103-55520	14	5
		26
		40
103854-39140	14	12
104200-55321	14	22
104200-55330	14	2
		23
		37
104200-55341	14	24
104200-55750	14	9
		32
		44
105010-11490	4	5
105025-59530	13	34
105027-12580	5	7
105311-01090	1	6
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119540-12520	5	2 -1
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