

0CD50-M05430EN

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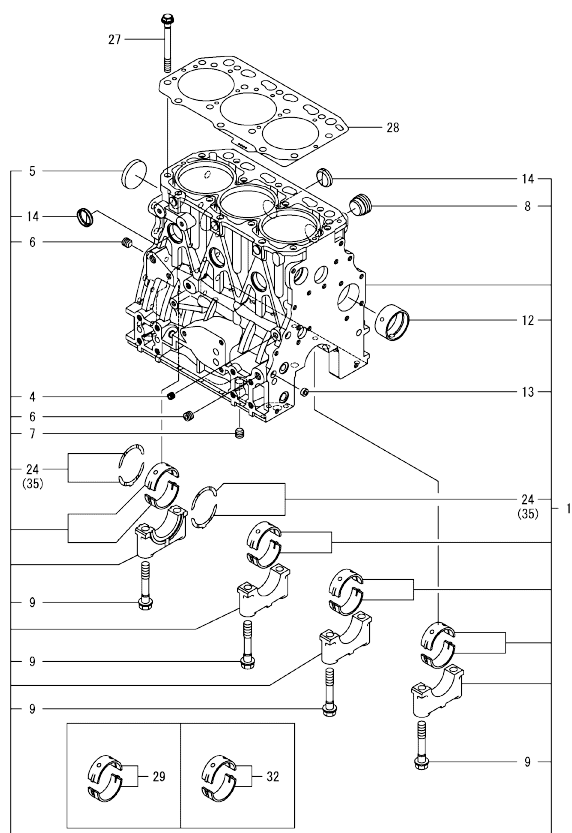
This parts catalog is the 1st edition of 3TNV88-BKWN for Wacker Neuson.

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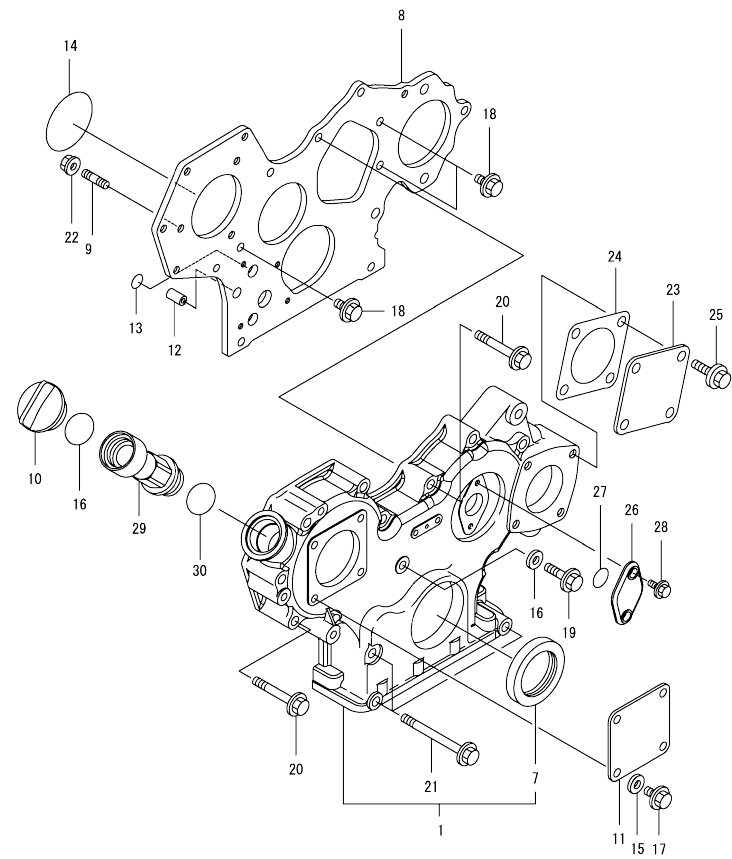
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	129001-01250	PLUG, 50	1							
6	2	124160-01910	PLUG, PT1/4	2							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	17105-1-01921	PLUG, NPTF1	1							
9	2	129150-02020	BOLT, METAL CAP	8							
12	2	129795-02412	BUSH, CAMSHAFT	1							
13	2	27241-120000	PLUG, 12	2							
14	2	27241-300000	PLUG 30	6							
24	2	129150-02931	METAL ASSY, THRUST	2							
27	1	129150-01200	BOLT, CYLINDER HEAD	14							
28	1	129001-01340	GASKET, HEAD	1							
29	1	129001-02931	METAL ASSY, MAIN	4							1
32	1	129150-02871	METAL ASSY, MAIN .25	4							2
35	1	129150-02941	METAL ASSY. 0.25 OS	1							

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

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

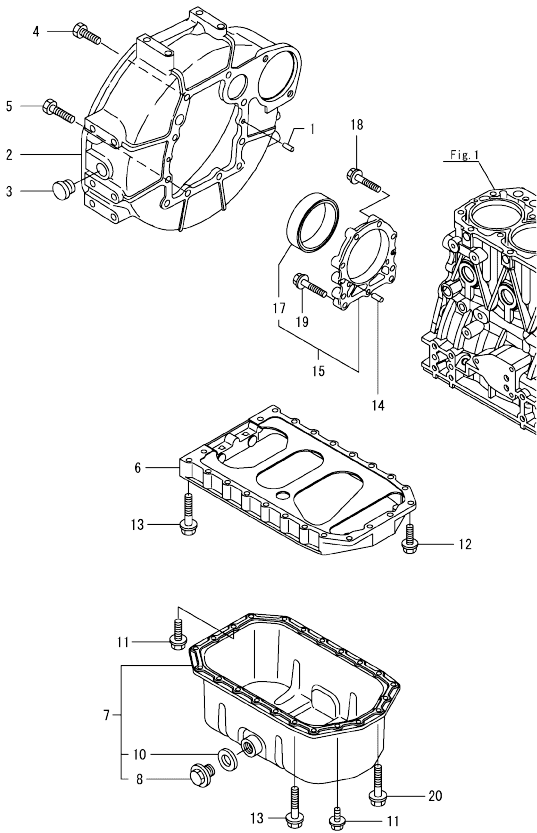
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Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729652-01500	CASE ASSY, GEAR	1							
7	2	119934-01800	SEAL, OIL	1							
8	1	129604-01520	FLANGE, GEAR CASE	1							
9	1	119802-01561	STUD, M8X25	3							
10	1	124160-01751	CAP, FILLER	1							
11	1	124240-01871	COVER, HYDRAULIC PUMP	1							
12	1	129795-01950	PIPE, KNOCK L=18	2							
13	1	119609-32040	O-RING, P16	2							
14	1	121850-51960	O-RING, FUEL PUMP	1							
15	1	22190-080002	WASHER, SEAL 8	5							
16	1	24311-000320	O-RING, 1AP32.0	1							
17	1	26106-080162	BOLT, M8X 16 PLATED	4							
18	1	26106-080162	BOLT, M8X 16 PLATED	3							
19	1	26106-080302	BOLT, M8X 30 PLATED	1							
20	1	26106-080552	BOLT, M8X 55 PLATED	10							
21	1	26106-080852	BOLT, M8X 85 PLATED	3							
22	1	26306-080002	NUT, M8	3							
23	1	124240-01871	COVER, HYDRAULIC PUMP	1							
24	1	129C26-01890	GASKET, PUMP	1							
25	1	26106-080162	BOLT, M8X 16 PLATED	4							
26	1	121023-01551	COVER, TACHOMETER	1							
27	1	24341-000240	O-RING, 1AS24.0	1							
28	1	26106-060162	BOLT, M6X 16 PLATED	2							
29	1	171031-11741	PIPE, FILLER	1							
30	1	24311-000320	O-RING, 1AP32.0	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

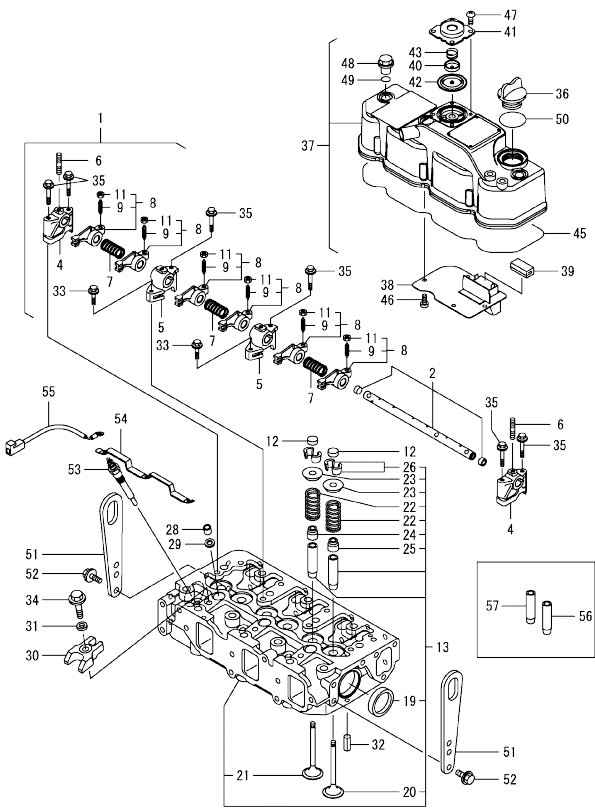


(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129100-01730	SPACER, OIL PAN	1							
7	1	129100-01760	OIL PAN ASSY	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080162	BOLT, M8X 16 PLATED	4							
12	1	26106-080252	BOLT, M8X 25 PLATED	2							
13	1	26106-080452	BOLT, M8X 45 PLATED	16							
14	1	129100-01580	PIN, PARALLEL 8X16	2							
15	1	129648-01600	CASE ASSY, OIL SEAL	1							
17	2	129648-01780	SEAL, OIL	1							
18	1	129486-01670	BOLT, M8X30	6							
19	1	26106-080352	BOLT, M8X 35 PLATED	3							
20	1	26106-080502	BOLT, M8X 50 PLATED	4							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-11241	SHAFT ASSY, ROCKER	1							
2	2	129004-11251	SHAFT, ROCKER ARM	1							
4	2	119802-11260	SUPPORT, ROCKER ARM	2							
5	2	119802-11270	SUPPORT, ROCKER ARM	2							
6	2	119802-11280	BOLT, STUD	3							
7	2	129150-11280	SPRING, SHAFT	3							
8	2	129004-11650	ARM ASSY, ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8XP1.0	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129008-11710	HEAD ASSY, CYLINDER	1							
19	2	27241-400000	PLUG, 40	2							
20	2	129005-11100	VALVE, INTAKE	3							
21	2	129100-11112	VALVE, EXHAUST	3							
22	2	129795-11120	SPRING, VALVE	6							
23	2	129795-11180	RETAINER, SPRING	6							
24	2	121400-11340	SEAL, VALVE STEM	3							
25	2	124460-11340	SEAL, VALVE STEM	3							
26	2	27310-080001	COTTER, 8	6							
28	1	119802-11870	PROTECTOR, NOZZLE	3							
29	1	119625-11880	SEAT, NOZZLE	3							
30	1	129004-11900	RETAINER, NOZZLE	3							
31	1	120270-54410	WASHER, INJECTOR	3							
32	1	22351-060012	PIN, SPRING 6.0X12	2							
33	1	26106-080252	BOLT, M8X 25 PLATED	2							
34	1	26106-080352	BOLT, M8X 35 PLATED	3							
35	1	26106-080502	BOLT, M8X 50 PLATED	6							
36	1	124160-01751	CAP, FILLER	1							
37	1	129004-11350	BONNET ASSY, HEAD	1							
38	2	129004-03010	PLATE, BAFFLE	1							
39	2	129150-03070	BAFFLE, BREATHER	1							
40	2	119802-03110	PLATE, DIAPHRAGM	1							
41	2	119802-03121	COVER, DIAPHRAGM	1							
42	2	119802-03130	DIAPHRAGM, BREATHER	1							
43	2	119802-03141	SPRING, DIAPHRAGM	1							
45	2	129004-11310	GASKET, BONNET	1							
46	2	22857-500100	SCREW, 5X10	4							
47	2	22857-500100	SCREW, 5X10	4							
48	1	124160-11360	KNOB, BONNET	3							
49	1	24311-000120	O-RING, 1AP12.0	3							
50	1	24311-000320	O-RING, 1AP32.0	1							
51	1	129900-07900	LIFTER, ENGINE	2							
52	1	26106-080162	BOLT, M8X 16 PLATED	4							
53	1	129008-77800	PLUG, GLOW	3							
54	1	129008-77820	CONNECTOR, GLOW PLUG	1							
55	1	119803-77830	HARNES, WIRE	1							
56	1	120130-11860	GUIDE, VALVE	3							1
57	1	129150-11810	GUIDE, VALVE	3							1

Fig.5. SUCTION MANIFOLD

(D)=
(E)=

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

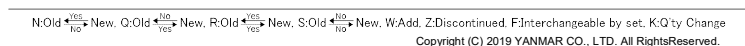
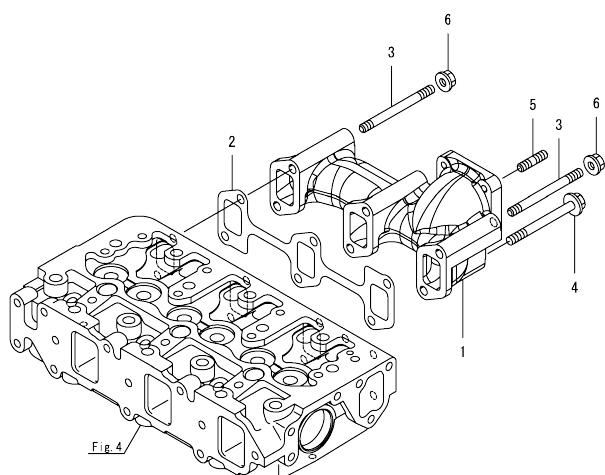
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Fig.6. EXHAUST MANIFOLD



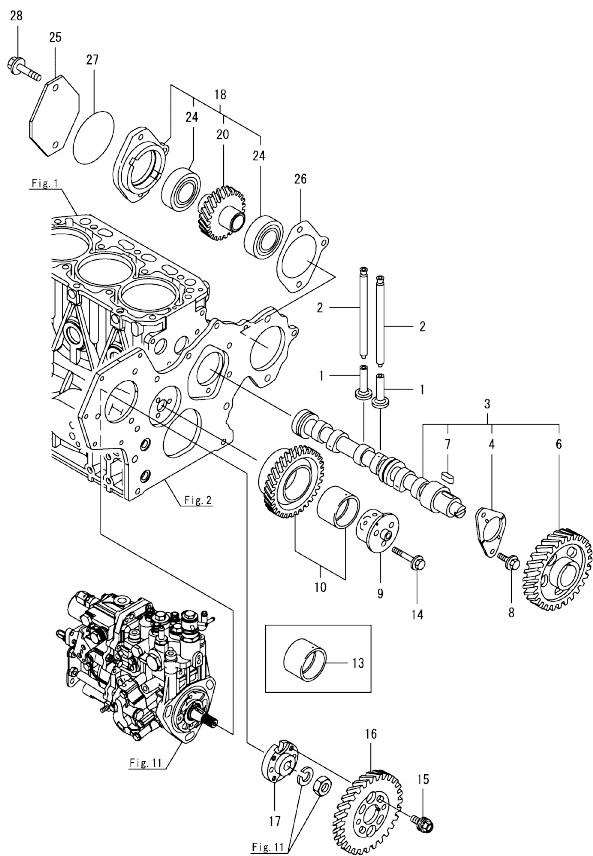
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I
1	1	129100-13110	MANIFOLD, EXHAUST	1						
2	1	129150-13110	GASKET, MANIFOLD	1						
3	1	123900-13610	STUD, M8X80	2						
4	1	129E00-13640	BOLT, M8X80 10.9T	4						
5	1	119131-18320	STUD, M8X22	4						
6	1	26306-080002	NUT, M8	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

Fig.7. CAMSHAFT & DRIVING GEAR

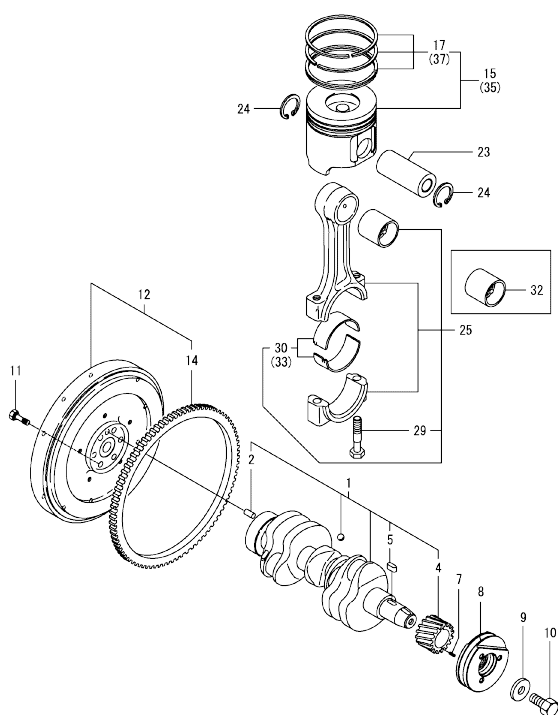


Remarks
(1)Spare parts.

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(B)=
(C)=

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

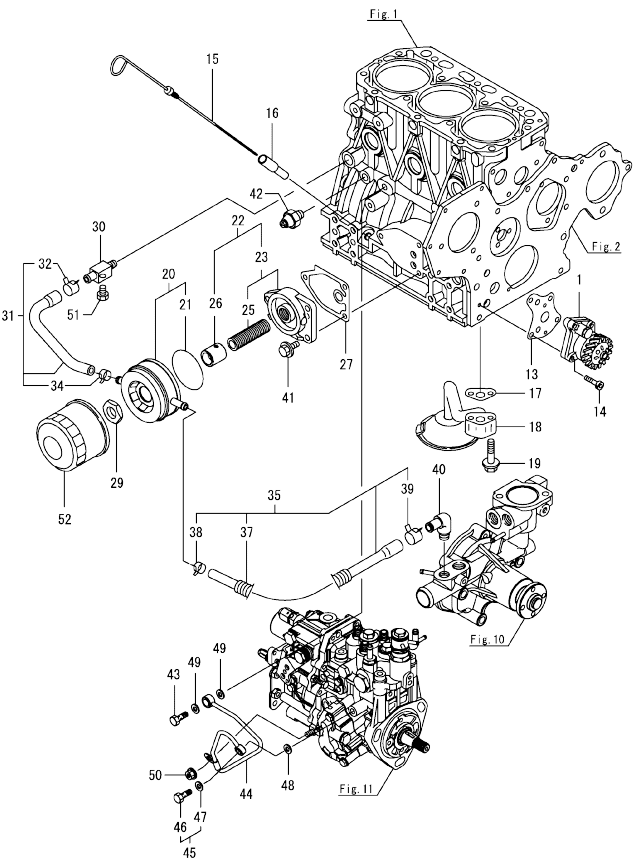
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6							
2	1	129150-14400	ROD, PUSH L=178	6							
3	1	129129-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	METAL, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE GEAR	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, INJECTION PUMP	4							
16	1	119802-25901	GEAR, PUMP	1							
17	1	158552-51151	FLANGE, CAMSHAFT	1							
18	1	129136-26000	DRIVE ASSY, PUMP	1							
20	2	129136-26200	GEAR ASSY	1							
24	2	24105-060064	BEARING, BALL 6006Z	2							
25	1	121023-26071	COVER, PUMP	1							
26	1	171353-26081	GASKET, PUMP	1							
27	1	24321-000850	O-RING, 1AG85.0	1							
28	1	26106-100452	BOLT, M10X 45 PLATED	2							



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

				0CD50-M05430 Fig.8							
				(A)=3TNV88-BKWN	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	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	129005-21650	V-PULLEY, CRANKSHAFT	1							
9	1	129795-21661	WASHER, 14	1							
10	1	121850-21680	BOLT, V-PULLEY	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129245-21580	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING Z=116	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
23	1	129202-22300	PIN, PISTON D26 L70	3							
24	1	22252-000260	RING, 26	6							
25	1	729402-23100	ROD ASSY, CONNECTING	3							
29	2	121550-23200	BOLT, CONNECTING ROD	6							
30	2	129150-23601	METAL ASSY,CRANK PIN	3							
32	1	129100-23910	METAL, PISTON PIN	3							1
33	1	129150-23611	METAL, CRANK PIN .25	3							2
35	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
37	2	129005-22950	RING SET, PISTON .25	3							

Fig.9. LUB. OIL SYSTEM

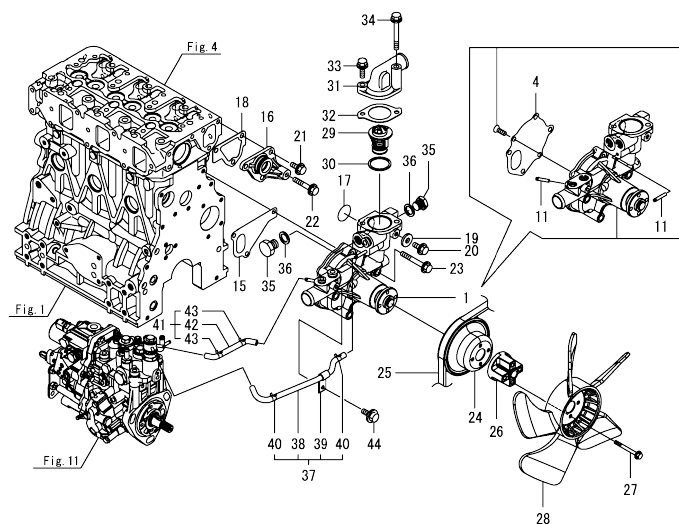


Remarks
(1)Spare parts.

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(B)=
(C)=

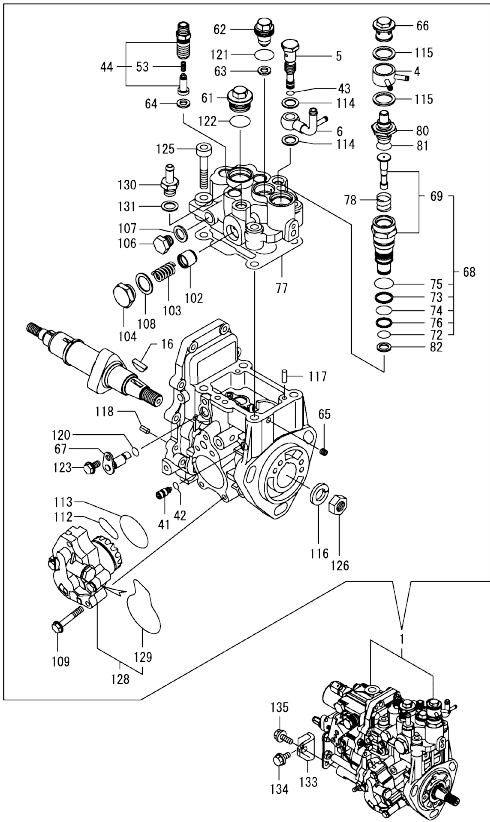
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32002	PUMP ASSY, OIL	1							
13	1	129150-32020	GASKET, PUMP	1							
14	1	26450-060252	BOLT, M6X 25	4							
15	1	129004-34802	DIPSTICK, OIL	1							
16	1	121520-34810	GUIDE, DIPSTICK	1							
17	1	129150-35042	GASKET, INLET PIPE	1							
18	1	129100-35301	PIPE ASSY, OIL INLET	1							
19	1	26106-080352	BOLT, M8X 35 PLATED	2							
20	1	129508-33031	COOLER ASSY, OIL	1							
21	2	129508-33060	GASKET, COOLER	1							
22	1	129508-35100	BRACKET ASSY,LO FILT	1							
23	2	129006-35100	BRACKET ASSY, FILTER	1							
25	3	129417-35150	STUD, M20X67	1							
26	2	129508-35150	COLLAR, OIL-COOLER	1							
27	1	129150-35111	GASKET, BRACKET	1							
29	1	124085-35350	NUT, M20	1							
30	1	129006-44480	JOINT, R02	1							
31	1	129508-49030	HOSE ASSY, COOLER IN	1							
32	2	171008-03990	CLAMP, HOSE 18.5	1							
34	2	23080-015000	CLAMP, 15	1							
35	1	129006-49040	HOSE ASSY,COOLER OUT	1							
37	2	129642-49180	TUBE, CORRUGATED 19	1							
38	2	23080-015000	CLAMP, 15	1							
39	2	171008-03990	CLAMP, HOSE 18.5	1							
40	1	129103-49301	ELBOW, PT1/4	1							
41	1	26106-080202	BOLT, M8X 20 PLATED	3							
42	1	121252-39450	SWITCH, HYDRAULIC	1							
43	1	124160-39140	BOLT, PIPE JOINT M10	1							
44	1	119802-39450	PIPE ASSY, OIL	1							
45	1	129005-59830	BOLT ASSY, JOINT M8	1							
46	2	23857-030000	BOLT, JOINT 3	1							
47	2	22190-080002	WASHER, SEAL 8	1							
48	1	22190-080002	WASHER, SEAL 8	1							
49	1	22190-100002	WASHER, SEAL 10	2							
50	1	26366-060002	NUT, M6	1							
51	1	171056-49120	PLUG, DRAIN R1/4	1							
52	1	119005-35151	FILTER, OIL D80X100	1							1



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-42002	PUMP ASSY, CW	1							
4	2	129100-42051	GASKET, WATER PUMP	1							
11	2	119802-49113	JOINT, PIPE	2							
15	1	129486-42021	GASKET, WATER PUMP	1							
16	1	129004-42040	JOINT, WATER PIPE	1							
17	1	129486-42140	O-RING, G30	1							
18	1	124395-49840	GASKET, THERMOSTAT	1							
19	1	23414-080000	GASKET, 8X1.0	1							
20	1	26106-080122	BOLT, M8X 12 PLATED	1							
21	1	26106-080162	BOLT, M8X 16 PLATED	3							
22	1	26106-080452	BOLT, M8X 45 PLATED	1							
23	1	26106-080602	BOLT, M8X 60 PLATED	3							
24	1	129550-42350	V-PULLEY, PUMP	1							
25	1	25152-003700	V-BELT, A37	1							
26	1	129030-44760	SPACER, FAN L38.5	1							
27	1	26106-060602	BOLT, M6X 60 PLATED	4							
28	1	119233-44740	FAN, COOLING D290XUH	1							
29	1	129457-49801	THERMOSTAT, 82C	1							
30	1	129150-49811	GASKET, THERMOSTAT	1							
31	1	124101-49531	COVER, THERMOSTAT	1							
32	1	129795-49551	GASKET, COVER	1							
33	1	26106-080282	BOLT, M8X 28 PLATED	1							
34	1	26106-080652	BOLT, M8X 65 PLATED	1							
35	1	121450-42450	PLUG, M16	2							
36	1	124465-44950	GASKET, 16	2							
37	1	129004-49610	HOSE ASSY, WATER A	1							
38	2	129004-49711	HOSE, WATER A	1							
39	2	119802-49730	RETAINER, PIPE	1							
40	2	124722-59050	CLAMP, HOSE 9	2							
41	1	129004-49620	HOSE ASSY, WATER B	1							
42	2	129004-49721	HOSE, WATER B	1							
43	2	124722-59050	CLAMP, HOSE 9	2							
44	1	26106-060122	BOLT, M6X 12 PLATED	1							

Fig.11. FUEL INJECTION PUMP

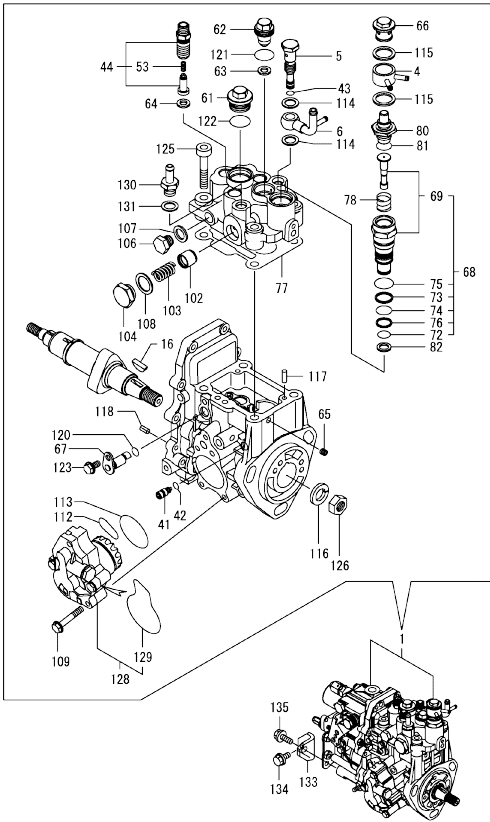


Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729232-51450	FIE ASSY	1							1
4	2	158553-51551	JOINT, COOLING WATER	1							
5	2	158601-51650	JOINT, OVERFLOW	1							
6	2	158552-51670	JOINT, OVERFLOW	1							
16	2	119802-51090	KEY, FEATHER 4X16	1							
41	2	158600-51270	STOPPER, TAPPET	1							
42	2	158563-51281	O-RING, 4D S6	1							
43	2	158563-51281	O-RING, 4D S6	1							
44	2	129008-51390	VALVE ASSY, DELIVERY	3							
53	3	158563-51330	SPRING, DELIVERY	3							
61	2	158601-51550	PLUG, M22	1							
62	2	119802-51560	PLUG, BARREL M14	1							
63	2	158552-51571	GASKET, BARREL PLUG	1							
64	2	158552-51571	GASKET, BARREL PLUG	3							
65	2	158557-51570	PLUG, RACK	1							
66	2	158601-51570	PLUG	1							
67	2	158552-51580	LIFTER, LINK	1							
68	2	119802-51590	TIMER ASSY	1							
69	3	119802-51600	TIMER ASSY	1							
72	3	158553-51670	O-RING, PUMP TIMER	1							
73	3	119802-51680	RING, BACKUP	1							
74	3	119802-51690	O-RING, 1016	1							
75	3	24356-190200	O-RING, 4D19020	1							
76	3	24372-000150	RING, BACK UP T2P15	1							
77	2	158552-51600	GASKET, HEAD	1							
78	2	158553-51630	SPRING, TIMER	1							
80	2	158553-51650	ELEMENT, THERMOSTAT	1							
81	2	158553-51660	O-RING, P14	1							
82	2	158553-51680	GASKET, TIMER	1							
102	2	158601-51770	PISTON, ACCUMULATOR	1							
103	2	158552-51781	SPRING, ACCUMULATOR	1							
104	2	158601-51790	PLUG, ACCUMULATOR	1							
106	2	158553-51930	PLUG, M12	1							
107	2	22190-120002	WASHER, SEAL 12	1							
108	2	22190-180002	WASHER, SEAL 18	1							
109	2	158553-51770	BOLT	4							
112	2	158552-52311	O-RING, FEED PUMP	1							
113	2	158552-52400	O-RING, 4E S42	1							
114	2	22190-120002	WASHER, SEAL 12	2							
115	2	22190-180002	WASHER, SEAL 18	2							
116	2	22217-140000	WASHER, SPRING 14	1							
117	2	22312-050140	PIN, PARALLEL 5X14	2							
118	2	22351-050010	PIN, SPRING 5.0X10	2							
120	2	24311-000070	O-RING, 1AP7.0	1							
121	2	24356-190180	O-RING, 4D19018	1							
122	2	24356-190200	O-RING, 4D19020	1							
123	2	26106-060102	BOLT, M6X 10 PLATED	1							
125	2	26450-080452	BOLT, M8X 45	4							
126	2	26776-140002	NUT, LOCK M14	1							
128	2	158552-52100	PUMP ASSY, FUEL FEED	1							
129	3	158552-52500	O-RING, PUMP INNER	1							

N:Old, N:New, O:Old, O:New, R:Old, R:New, S:Old, S:New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.11. FUEL INJECTION PUMP



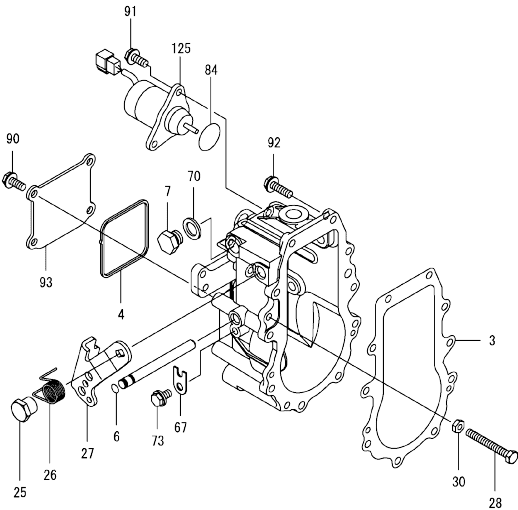
(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
130	2	119934-59910	JOINT, PIPE	1							
131	2	22190-120002	WASHER, SEAL 12	1							
133	1	119802-51250	RETAINER, FUEL PUMP	1							
134	1	26106-080162	BOLT, M8X 16 PLATED	1							
135	1	26106-080202	BOLT, M8X 20 PLATED	1							

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

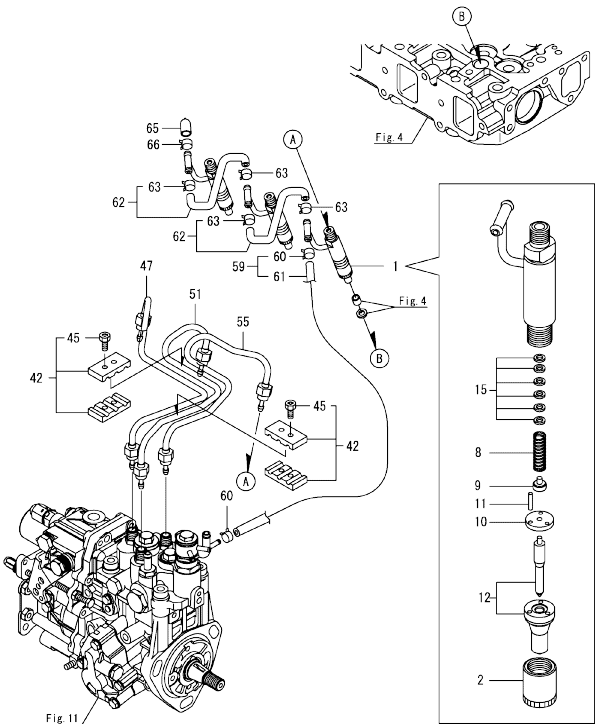
OCD50-M05430 ENGINE
Fig.12. GOVERNOR



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

				(A)=3TNV88-BKWN		OCD50-M05430 Fig.12					
				(B)=		(D)=					
				(C)=		(E)=					
						(F)=					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET, CASE	1							
4	2	158553-61070	GASKET, CASE	1							
6	2	129155-51280	O-RING, S6	1							
7	2	158553-51930	PLUG, M12	1							
25	2	129255-61410	NUT, CONTROL LEVER	1							
26	2	119807-61420	SPRING, RETURN	1							
27	2	158552-61441	LEVER, REGULATOR	1							
28	2	129155-61461	BOLT, IDLE LIMIT	1							
30	2	119740-61470	NUT	1							
67	2	119660-61901	STOPPER, SHAFT	1							
70	2	22190-120002	WASHER, SEAL 12	1							
73	2	26106-060102	BOLT, M6X 10 PLATED	1							
84	2	158552-61900	O-RING	1							
90	2	26106-060122	BOLT, M6X 12 PLATED	4							
91	2	26106-060122	BOLT, M6X 12 PLATED	2							
92	2	26106-060202	BOLT, M6X 20 PLATED	10							
93	2	129642-61060	COVER, GOVERNOR CASE	1							
125	2	129630-77900	SOLENOID, STOP	1							

Fig.13. FUEL INJECTION VALVE

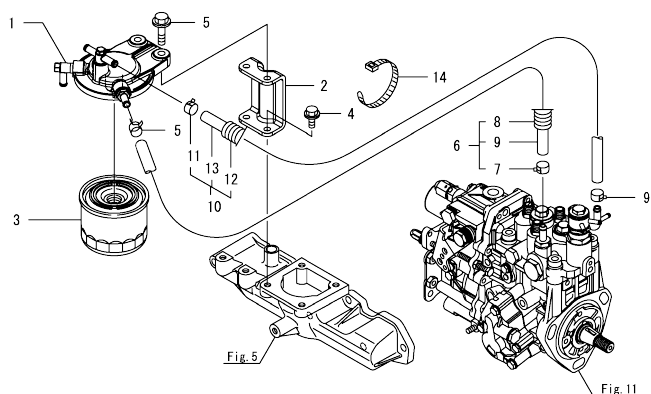


(A)=3TNV88-BKW
(B)=
(C)=

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

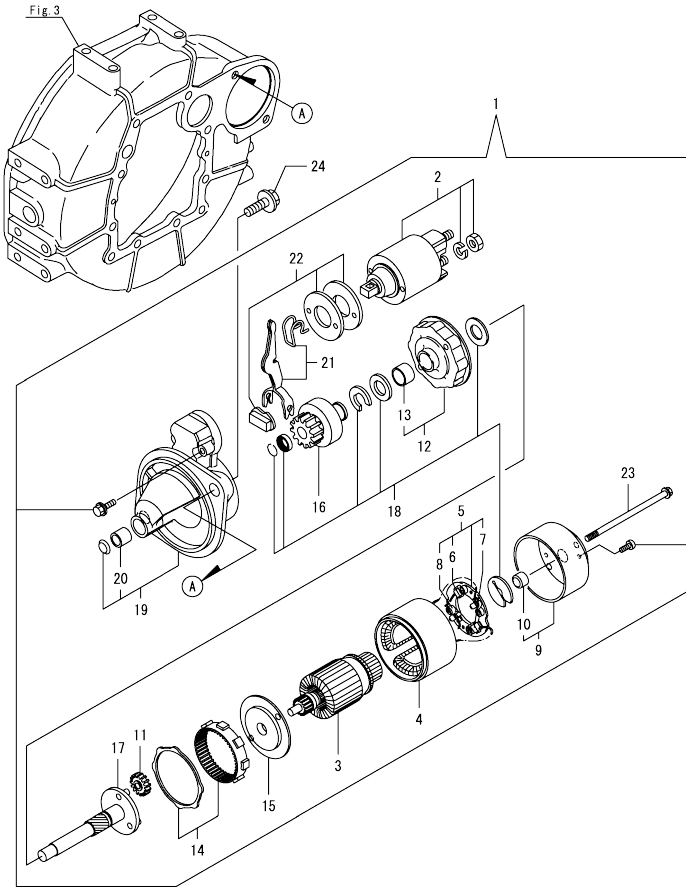
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729604-53400	VALVE ASSY, INJECTION	3							
2	2	114250-53080	NUT, NOZZLE	3							
3	2	114250-53120	SPRING, NOZZLE	3							
4	2	114250-53130	SEAT, SPRING	3							
5	2	114250-53140	SPACER, VALVE STOP	3							
6	2	114250-53210	PIN, POSITIONING	6							
7	2	129604-53300	VALVE ASSY, INJECTION	3							
8	2	119803-53400	SHIM SET	3							
9	1	129150-59120	RETAINER, PIPE	2							1
10	2	129150-59131	BOLT, M4X14	4							
11	1	129004-59811	PIPE ASSY, INJECTION	1							
12	1	129004-59821	PIPE ASSY, INJECTION	1							
13	1	129004-59831	PIPE ASSY, INJECTION	1							
14	1	119802-59550	HOSE ASSY, RETURN	1							
15	2	124722-59050	CLAMP, HOSE 9	2							
16	2	119802-59560	HOSE, FUEL RETURN	1							
17	1	129486-59551	HOSE ASSY, RETURN	2							
18	2	124722-59050	CLAMP, HOSE 9	4							
19	1	119593-59581	CAP, RETURN PIPE	1							
20	1	124060-77680	CLAMP, HOSE 10	1							

Remarks
(1)Spare parts.



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-55612	BRACKET, FILTER	1							
2	1	129233-55620	STAY, FUEL FILTER	1							
3	1	119802-55801	FILTER, FUEL	1							
4	1	26106-080162	BOLT, M8X 16 PLATED	2							
5	1	26106-080302	BOLT, M8X 30 PLATED	2							
6	1	129657-59310	PIPE ASSY, FUEL L380	1							
7	2	124766-59050	CLAMP, HOSE 11.5	2							
8	2	128270-59100	TUBE, CORRUGATED 15	1							
9	2	105230-59510	HOSE, FUEL	1							
10	1	129950-59311	HOSE ASSY, FUEL	1							
11	2	124766-59050	CLAMP, HOSE 11.5	2							
12	2	129961-59110	TUBE, CORRUGATED 15	1							
13	2	105025-59580	HOSE, FUEL	1							
14	1	121750-59890	BAND, NYLON	1							

Fig.15. STARTER MOTOR



(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129242-77010	STARTER, 1.7	1							
2	2	129698-77020	SWITCH ASSY, MAGNET	1							
3	2	129242-77100	ARMATURE ASSY	1							
4	2	129242-77110	YOKE ASSY	1							
5	2	129242-77120	HOLDER ASSY, BRUSH	1							
6	3	129242-77130	BRUSH, -	2							
7	3	129242-77140	BRUSH SET	1							
8	3	129242-77150	SPRING, BRUSH	4							
9	2	129242-77160	COVER ASSY, STARTER	1							
10	3	129242-77170	METAL, REAR COVER	1							
11	2	118400-77170	GEAR, PLANETARY	3							
12	2	129242-77180	BRACKET, CENTER P	1							
13	3	129698-77190	BRACKET, CENTER	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	BRACKET, CENTER 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	CASE ASSY, GEAR	1							
20	3	X2114535200	METAL, STARTER	1							
21	2	129242-77270	LEVER SET, SHIFT	1							
22	2	129242-77280	COVER KIT, DUST	1							
23	2	124195-77770	BOLT, THROUGH	2							
24	1	26106-120252	BOLT, M12X 25 PLATED	2							

OCD50-M05430 ENGINE
Fig.16. GENERATOR

OCD50-M05430 Fig.16

(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129795-01900	BOLT, M10X30	1							
2	1	119626-77220	ALTERNATOR, 12V-55A	1							
3	2	129240-79310	NUT	1							
4	2	129052-77380	ROTOR ASSY	1							
5	3	123501-79240	BEARING, BALL	1							
6	3	119620-79250	COVER, BEARING	1							
7	2	129052-77422	FRAME ASSY	1							
8	3	119620-79200	BEARING, BALL	1							
9	3	119620-79210	PLATE, RETAINER	1							
10	3	119620-79220	SCREW	4							
11	3	119620-79230	STUD	2							
12	2	128401-77440	COVER, END	1							
13	2	119626-77450	COVER, END	1							
14	2	119620-77461	PULLEY, GENERATOR	1							
15	2	119620-77471	NUT	1							
16	2	119620-77490	COLLAR	1							
17	2	129423-77730	REGULATOR ASSY	1							
18	2	129052-79260	HOLDER ASSY	1							
19	2	129052-79270	HOLDER ASSY, BRUSH	1							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	119620-79310	BOLT	3							
23	2	119620-79320	SCREW, W/WASHER	2							
24	2	119620-79330	BOLT	2							
25	2	119620-79340	BUSH, INSULATION	1							
26	2	119620-79350	NUT	2							
27	1	26306-100002	NUT, M10	1							
28	1	129064-77330	ADJUSTER, BELT	1							
29	1	129067-77340	SPACER, ADJUSTER	1							
30	1	129972-77341	BOLT, ADJUSTER L=50	1							

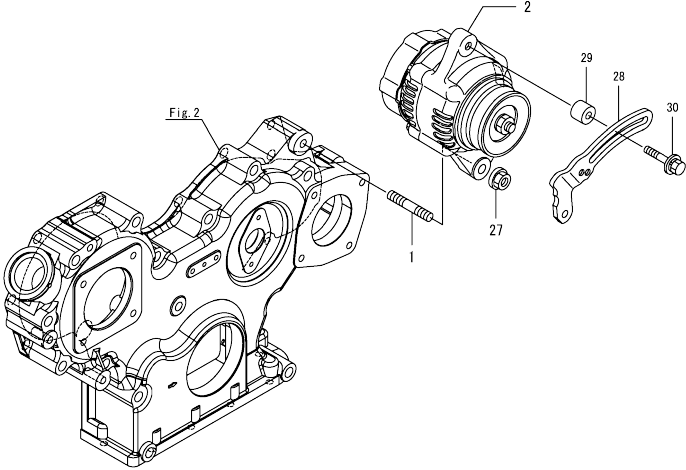
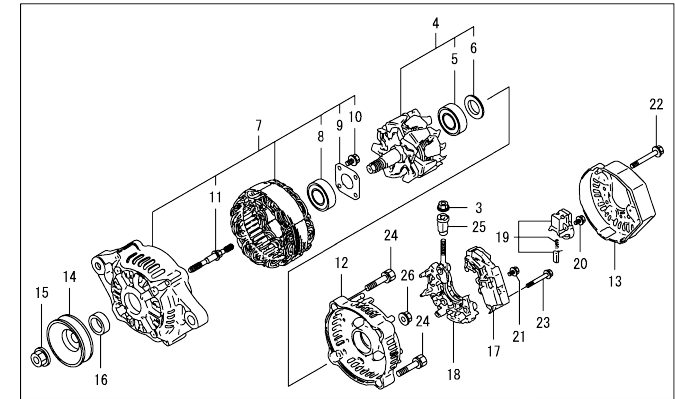
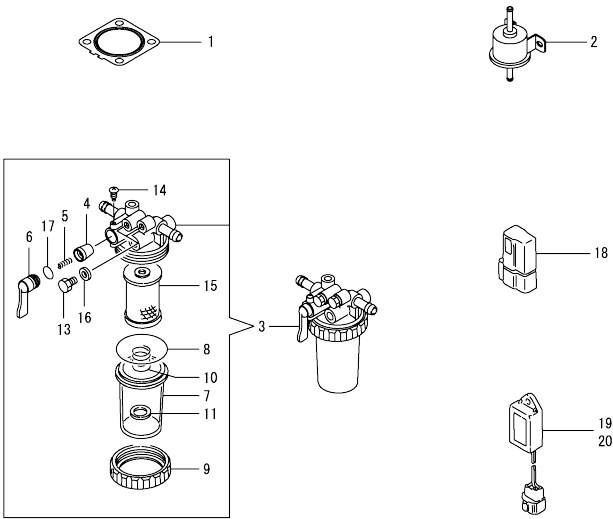


Fig.17. ACCESSORY



(A)=3TNV88-BKWN
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-13200	GASKET, SILENCER	1							
2	1	129612-52100	PUMP, FUEL FEED	1							
3	1	121257-55700	SEPARATOR ASSY, WATER	1							
4	2	104200-55321	VALVE, TAPER	1							
5	2	104200-55330	SPRING, FUEL VALVE	1							
6	2	104200-55341	HANDLE, COCK	1							
7	2	124064-55510	CUP, FUEL STARINER	1							
8	2	102103-55520	O-RING, FILTER	1							
9	2	110250-55610	RING, CUP RETAINING	1							
10	2	121257-55720	SPRING, ELEMENT	1							
11	2	121257-55731	FLOAT	1							
13	2	101720-55750	PLUG, HEXAGON M6	2							
14	2	104200-55750	SCREW, M4	1							
15	2	171081-55910	FILTER, FUEL 100M	1							
16	2	23418-060000	GASKET, 6X1.0	2							
17	2	24311-240100	O-RING, 1AP10A	1							
18	1	119643-66900	DIODE	1							
19	1	128300-77920	TIMER, GLOW PLUG	1							
20	1	129211-77920	TIMER, SECTION 1	1							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	17	13
102103-55520	17	8
104200-55321	17	4
104200-55330	17	5
104200-55341	17	6
104200-55750	17	14
105025-59580	14	13
105230-59510	14	9
110250-55610	17	9
114250-53080	13	2
114250-53120	13	8
114250-53130	13	9
114250-53140	13	10
114250-53210	13	11
118400-77170	15	11
119005-35151	9	52
119131-18320	6	5
119233-44740	10	28
119593-59581	13	65
119609-32040	2	13
119620-01750	3	3
119620-77461	16	14
119620-77471	16	15
119620-77490	16	16
119620-79200	16	8
119620-79210	16	9
119620-79220	16	10
119620-79230	16	11
119620-79250	16	6
119620-79290	16	20
119620-79300	16	21
119620-79310	16	22
119620-79320	16	23
119620-79330	16	24
119620-79340	16	25
119620-79350	16	26
119625-11880	4	29
119626-77220	16	2
119626-77450	16	13
119640-01640	3	8
119643-66900	17	18
119660-61901	12	67
119740-61470	12	30
119802-01561	2	9
119802-03110	4	40
119802-03121	4	41
119802-03130	4	42
119802-03141	4	43
119802-11260	4	4
119802-11270	4	5

Parts No.	Fig. No.	Ref. No.
119802-11280	4	6
119802-11870	4	28
119802-25071	7	13
119802-25101	7	10
119802-25901	7	16
119802-39450	9	44
119802-49113	10	11
119802-49730	10	39
119802-51090	11	16
119802-51250	11	133
119802-51560	11	62
119802-51590	11	68
119802-51600	11	69
119802-51680	11	73
119802-51690	11	74
119802-55801	14	3
119802-59550	13	59
119802-59560	13	61
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119803-77830	4	55
119807-61420	12	26
119865-21600	8	14
119934-01800	2	7
119934-59910	11	130
120130-11860	4	56
120270-54410	4	31
121023-01551	2	26
121023-26071	7	25
121111-21501	8	11
121252-39450	9	42
121257-55700	17	3
121257-55720	17	10
121257-55731	17	11
121400-11340	4	24
121450-42450	10	35
121520-34810	9	16
121550-23200	8	29
121750-59890	14	14
121850-21680	8	10
121850-51960	2	14
123501-79240	16	5
123900-13610	6	3
124060-01050	1	4
124060-77680	13	66
124064-55510	17	7
124085-35350	9	29
124101-49531	10	31
124160-01751	2	10

Parts No.	Fig. No.	Ref. No.
124160-01751	4	36
124160-01910	1	6
		7
124160-11360	4	48
124160-39140	9	43
124195-77770	15	23
124240-01871	2	11
		23
124395-49840	10	18
124460-11340	4	25
124465-44950	10	36
124722-59050	10	40
		43
	13	60
		63
124766-59050	14	7
		11
128270-59100	14	8
128300-77920	17	19
128401-77440	16	12
129001-01250	1	5
129001-01340	1	28
129001-02931	1	29
129001-12110	5	4
129001-32002	9	1
129004-03010	4	38
129004-11241	4	1
129004-11251	4	2
129004-11310	4	45
129004-11350	4	37
129004-11650	4	8
129004-11900	4	30
129004-13200	17	1
129004-34802	9	15
129004-42002	10	1
129004-42040	10	16
129004-49610	10	37
129004-49620	10	41
129004-49711	10	38
129004-49721	10	42
129004-55612	14	1
129004-59811	13	47
129004-59821	13	51
129004-59831	13	55
129005-03080	5	1
129005-11100	4	20
129005-12101	5	3
129005-21650	8	8
129005-22080	8	15
129005-22500	8	17

Parts No.	Fig. No.	Ref. No.
129005-22900	8	35
129005-22950	8	37
129005-59830	9	45
129006-35100	9	23
129006-44480	9	30
129006-49040	9	35
129008-11710	4	13
129008-21000	8	1
129008-51390	11	44
129008-77800	4	53
129008-77820	4	54
129030-44760	10	26
129052-77380	16	4
129052-77422	16	7
129052-79260	16	18
129052-79270	16	19
129064-77330	16	28
129067-77340	16	29
129100-01580	3	1
		14
		8
		2
129100-01730	3	6
129100-01760	3	7
129100-11112	4	21
129100-13110	6	1
129100-23910	8	32
129100-35301	9	18
129100-42051	10	4
129103-49301	9	40
129129-14580	7	3
129136-26000	7	18
129136-26200	7	20
129150-01200	1	27
129150-02020	1	9
129150-02450	7	4
129150-02871	1	32
129150-02931	1	24
129150-02941	1	35
129150-03070	4	39
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	57
129150-13110	6	2
129150-14101	7	6
129150-14200	7	1
129150-14400	7	2
129150-23601	8	30
129150-23611	8	33

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Parts No.	Fig. No.	Ref. No.
129150-25301	7	15
129150-32020	9	13
129150-35042	9	17
129150-35111	9	27
129150-49811	10	30
129150-59120	13	42
129150-59131	13	45
129150-77511	5	8
129155-51280	12	6
129155-61461	12	28
129202-22300	8	23
129211-77920	17	20
129233-55620	14	2
129240-79310	16	3
129242-77010	15	1
129242-77100	15	3
129242-77110	15	4
129242-77120	15	5
129242-77130	15	6
129242-77140	15	7
129242-77150	15	8
129242-77160	15	9
129242-77170	15	10
129242-77180	15	12
129242-77210	15	15
129242-77260	15	19
129242-77270	15	21
129242-77280	15	22
129245-21580	8	12
129255-61410	12	25
129410-03990	5	2
129417-35150	9	25
129423-77730	16	17
129457-49801	10	29
129486-01670	3	18
129486-12581	5	7
129486-42021	10	15
129486-42140	10	17
129486-59551	13	62
129508-33031	9	20
129508-33060	9	21
129508-35100	9	22
129508-35150	9	26
129508-49030	9	31
129550-42350	10	24
129604-01520	2	8
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129698-77190	15	13
129698-77200	15	14
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129795-01950	2	12
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158552-52311	11	112
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158553-51630	11	78
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158553-51680	11	82
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26776-140002	11	126
27241-120000	1	13
27241-300000	1	14
27241-400000	4	19
27310-080001	4	26
729005-01560	1	1
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729402-23100	8	25
729604-53400	13	1
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