

0CD50-M01190EN

P R E F A C E

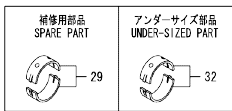
This parts catalog is the 1st edition of 3TNV88-BPXG for XUGONG.

Published : April, 2015

Contents

0CD50-M01190

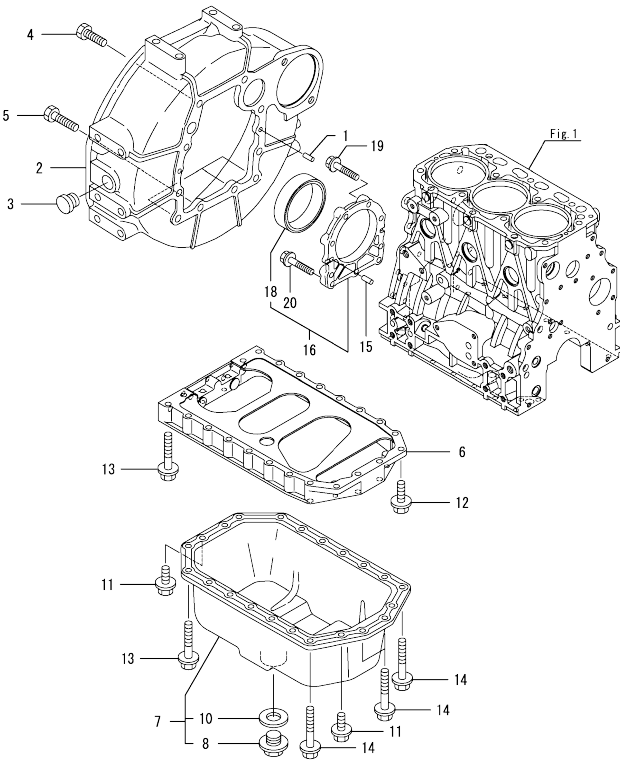
Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNV88-BPXG			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
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6.	EXHAUST MANIFOLD & SILENCER		
7.	CAMSHAFT & DRIVING GEAR		
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10.	COOLING WATER SYSTEM		
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13.	FUEL INJECTION VALVE		
14.	FUEL PIPE		
15.	STARTER MOTOR		
16.	GENERATOR		

[illegible]

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

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

Fig.3. FLYWHEEL HOUSING & OIL SUMP



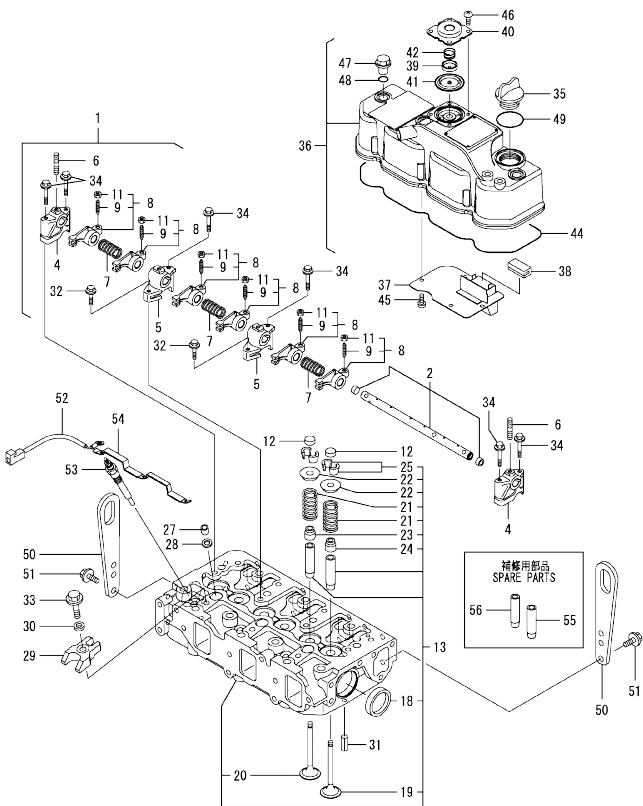
(A)=3TNV88-BPXG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, 8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	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 SUMP	1							
7	1	129136-01780	SUMP ASSY, OIL	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	26106-080502	BOLT, M8X 50 PLATED	4							
15	1	129100-01580	PIN, 8X16	2							
16	1	129648-01600	CASE ASSY, OIL SEAL	1							
18	2	129648-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							

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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

OCD50-M01190 Fig.4

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

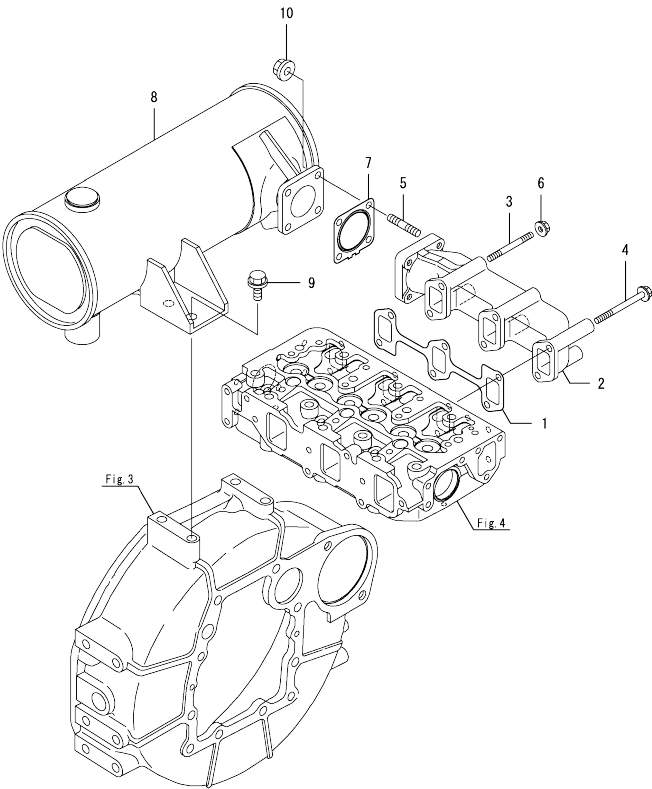
(D)=
(E)=
(F)=

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	STUD	3							
7	2	129150-11280	SPRING	3							
8	2	129004-11650	ARM,ROCKER	6							
9	3	129150-11230	SCREW, VALVE ADJUST	6							
11	3	129150-11750	NUT, M8	6							
12	1	129150-11370	CAP, VALVE	6							
13	1	129008-11700	HEAD ASSY, CYLINDER	1							
18	2	27241-400000	PLUG, 40	2							
19	2	129005-11100	VALVE, INTAKE	3							
20	2	129100-11112	VALVE, EXHAUST	3							
21	2	129795-11120	SPRING, VALVE	6							
22	2	129795-11180	RETAINER, SPRING	6							
23	2	121400-11340	SEAL, VALVE STEM	3							
24	2	124460-11340	SEAL, VALVE STEM	3							
25	2	27310-080001	COTTER, 8	6							
27	1	119802-11870	PROTECTOR, NOZZLE	3							
28	1	119625-11880	SEAT, NOZZLE	3							
29	1	129004-11900	RETAINER, NOZZLE	3							
30	1	120270-54410	WASHER, INJECTOR	3							
31	1	22351-060012	PIN, SPRING 6.0X12	2							
32	1	26106-080252	BOLT, M8X 25 PLATED	2							
33	1	26106-080352	BOLT, M8X 35 PLATED	3							
34	1	26106-080502	BOLT, M8X 50 PLATED	6							
35	1	124160-01751	COVER, FILLER	1							
36	1	129004-11350	BONNET ASSY, HEAD	1							
37	2	129004-03010	PLATE	1							
38	2	129150-03070	BAFFLE, BREATHER	1							
39	2	119802-03110	PLATE	1							
40	2	119802-03121	COVER, DIAPHRAGM	1							
41	2	119802-03130	DIAPHRAGM	1							
42	2	119802-03141	SPRING, DIAPHRAGM	1							
44	2	129004-11310	GASKET, BONNET	1							
45	2	22857-500100	SCREW, 5X10	4							
46	2	22857-500100	SCREW, 5X10	4							
47	1	124160-11360	KNOB	3							
48	1	24311-000120	O-RING, 1AP12.0	3							
49	1	24311-000320	O-RING, 1AP32.0	1							
50	1	129900-07900	LIFTER	2							
51	1	26106-080162	BOLT, M8X 16 PLATED	4							
52	1	119803-77830	HARNES, WIRE	1							
53	1	129008-77800	PLUG, GLOW	3							
54	1	129008-77820	CONNECTOR, GLOW PLUG	1							
55	1	120130-11860	GUIDE, VALVE	3							1
56	1	129150-11810	GUIDE, VALVE	3							1

N:Old $\frac{N_{Old}}{N_{New}}$ New, Q:Old $\frac{Q_{Old}}{Q_{New}}$ New, R:Old $\frac{R_{Old}}{R_{New}}$ New, S:Old $\frac{S_{Old}}{S_{New}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD50-M01190 3TNV88-BPXG

Fig.6. EXHAUST MANIFOLD & SILENCER



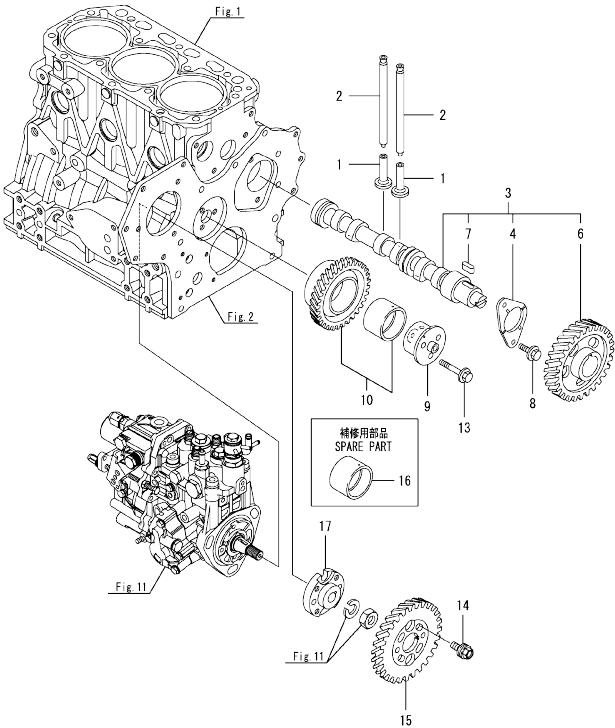
OCD50-M01190 Fig.6

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-13110	GASKET	1							
2	1	129004-13129	MANIFOLD, EXHAUST	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							
7	1	129004-13200	GASKET, SILENCER	1							
8	1	129240-13550	SILENCER	1							
9	1	26106-100162	BOLT, M10X 16 PLATED	2							
10	1	26306-080002	NUT, M8	4							

Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1)Spare parts.

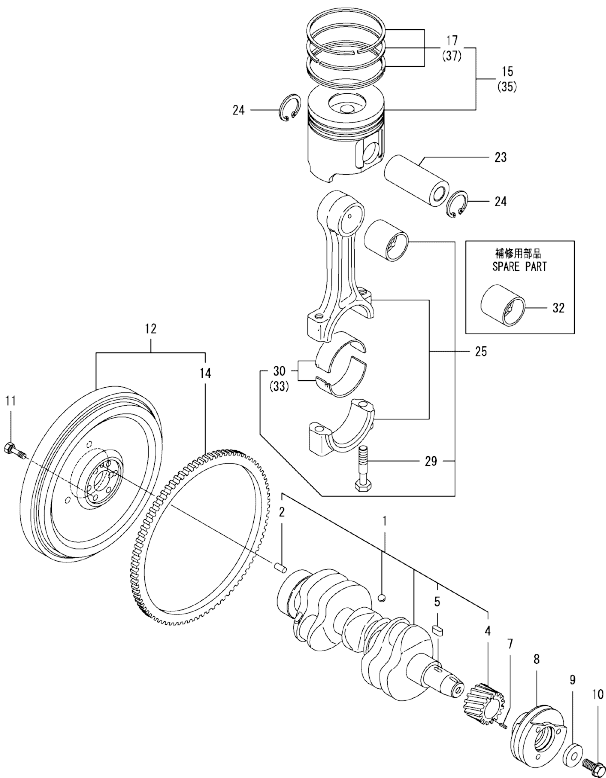
(A)=3TNV88-BPXG
(B)=
(C)=

(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	BEARING, THRUST	1							
6	2	129150-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	26106-080142	BOLT, M8X 14 PLATED	2							
9	1	119803-25050	SHAFT, IDLE	1							
10	1	119802-25101	GEAR ASSY, IDLE	1							
13	1	26106-080402	BOLT, M8X 40 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119802-25901	GEAR, PUMP	1							
16	1	119802-25071	BUSH, IDLE GEAR	1							1
17	1	158552-51151	FLANGE	1							

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Fig.8. CRANKSHAFT & PISTON



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

OCD50-M01190 Fig.8

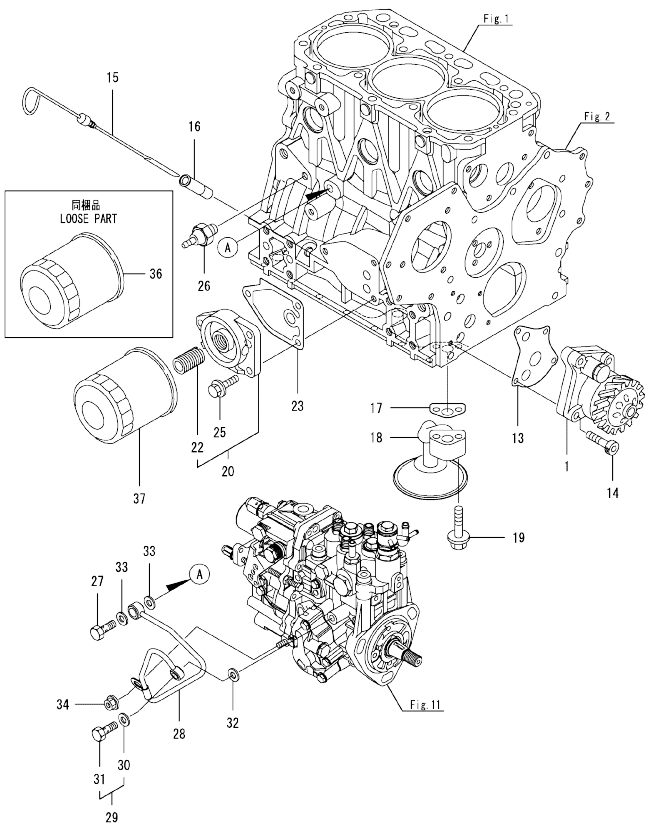
(A)=3TNV88-BPXG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129008-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, 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	129004-21650	V-PULLEY, 110	1							
9	1	129795-21661	WASHER	1							
10	1	121850-21680	BOLT	1							
11	1	121111-21501	BOLT, FLYWHEEL	6							
12	1	129128-21590	FLYWHEEL ASSY	1							
14	2	119865-21600	GEAR, RING	1							
15	1	129005-22080	PISTON ASSY	3							
17	2	129005-22500	RING SET, PISTON	3							
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	BEARING, CRANK PIN	3							
32	1	129100-23910	BEARING, PISTON PIN	3							1
33	1	129150-23611	BEARING, 0.25 US	3							2
35	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
37	2	129005-22950	RING SET, 0.25 OS	3							3

OCD50-M01190 3TNV88-BPXG

Fig.9. LUB. OIL SYSTEM



Remarks
(1)Spare parts.

OCD50-M01190 Fig.9

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

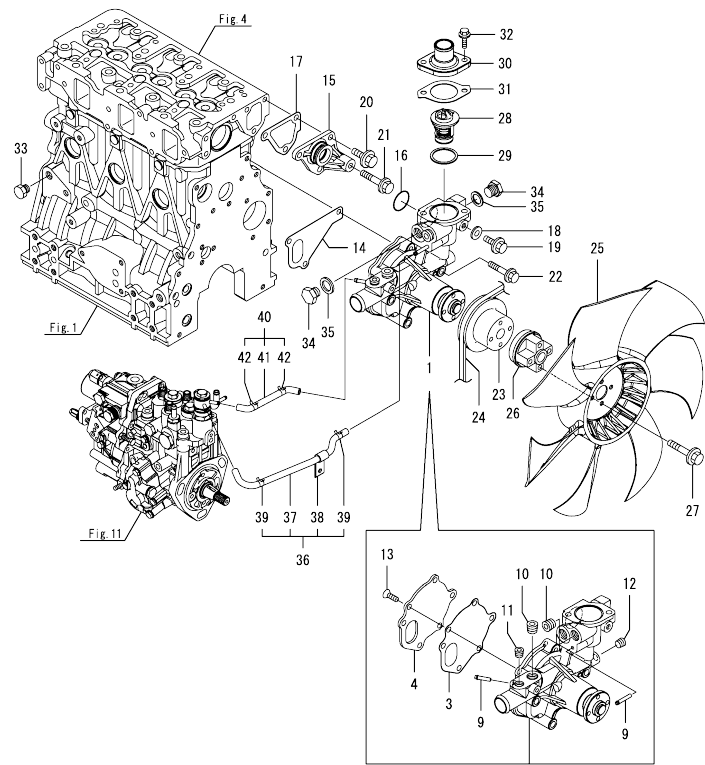
(D)=
(E)=
(F)=

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	1							
18	1	129100-35301	PIPE ASSY, OIL INLET	1							
19	1	26106-080352	BOLT, M8X 35 PLATED	2							
20	1	119802-35100	BRACKET ASSY, FILTER	1							
22	2	129100-35140	STUD	1							
23	1	129150-35111	GASKET	1							
25	1	26106-080202	BOLT, M8X 20 PLATED	3							
26	1	114250-39450	SWITCH, 0.5KG	1							
27	1	124160-39140	BOLT, PIPE JOINT M10	1							
28	1	119802-39450	PIPE ASSY, OIL	1							
29	1	129005-59830	BOLT ASSY, JOINT M8	1							
30	2	22190-080002	WASHER, SEAL 8	1							
31	2	23857-030000	BOLT, JOINT 3	1							
32	1	22190-080002	WASHER, SEAL 8	1							
33	1	22190-100002	WASHER, SEAL 10	2							
34	1	26366-060002	NUT, M6	1							
36	1	119005-35151	FILTER, D80X100L	1							1
37	1	119005-35151	FILTER, D80X100L	1							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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OCD50-M01190 3TNV88-BPXG

Fig.10. COOLING WATER SYSTEM



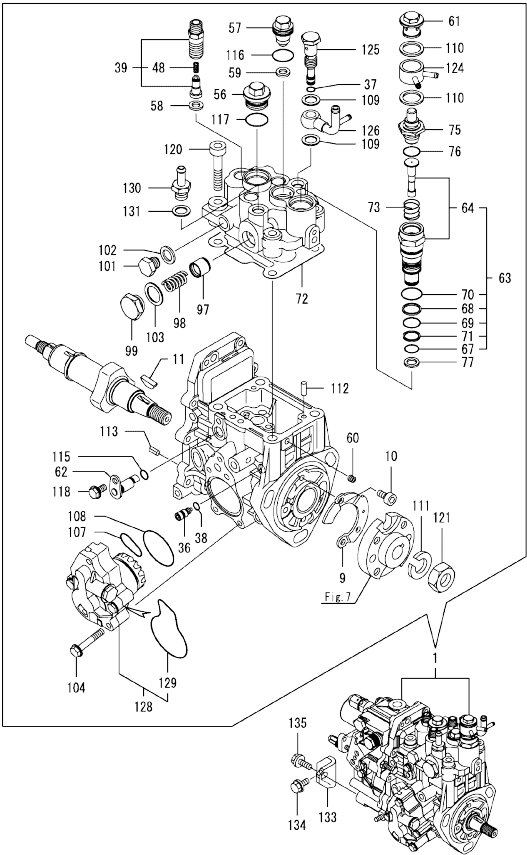
OCD50-M01190 Fig.10

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-42001	PUMP ASSY, WATER	1							
3	2	129100-42051	GASKET, WATER PUMP	1							
4	2	129100-42121	PLATE	1							
9	2	119802-49113	JOINT, PIPE	2							
10	2	129916-49740	PLUG, R03	2							
11	2	23875-020000	PLUG, R02	1							
12	2	23876-010000	PLUG, R01	1							
13	2	26577-060142	SCREW M 6X 14	3							
14	1	129486-42021	GASKET, WATER PUMP	1							
15	1	129004-42040	JOINT	1							
16	1	129486-42140	O-RING, G30	1							
17	1	124395-49840	GASKET	1							
18	1	23414-080000	GASKET, 8X1.0	1							
19	1	26106-080122	BOLT, M8X 12 PLATED	1							
20	1	26106-080162	BOLT, M8X 16 PLATED	3							
21	1	26106-080452	BOLT, M8X 45 PLATED	1							
22	1	26106-080602	BOLT, M8X 60 PLATED	3							
23	1	129403-42380	V-PULLEY, D=110	1							
24	1	25152-003800	V-BELT, A38	1							
25	1	129655-44740	FAN, COOLING D380	1							
26	1	129030-44760	SPACER, FAN L38.5	1							
27	1	26106-060502	BOLT, M6X 50 PLATED	4							
28	1	129155-49801	THERMOSTAT, 71	1							
29	1	129150-49811	GASKET, THERMOSTAT	1							
30	1	129350-49530	COVER, THERMOSTAT	1							
31	1	129795-49551	GASKET	1							
32	1	26106-080222	BOLT, M8X 22 PLATED	2							
33	1	171056-49120	PLUG, DRAIN	1							
34	1	121450-42450	PLUG, M16	2							
35	1	124465-44950	GASKET, 16	2							
36	1	129004-49610	PIPE ASSY, WATER	1							
37	2	129004-49711	PIPE ASSY, WATER	1							
38	2	119802-49730	RETAINER, PIPE	1							
39	2	124722-59050	CLIP, HOSE 9	2							
40	1	129004-49620	PIPE ASSY, WATER	1							
41	2	129004-49721	PIPE ASSY, WATER	1							
42	2	124722-59050	CLIP, HOSE 9	2							

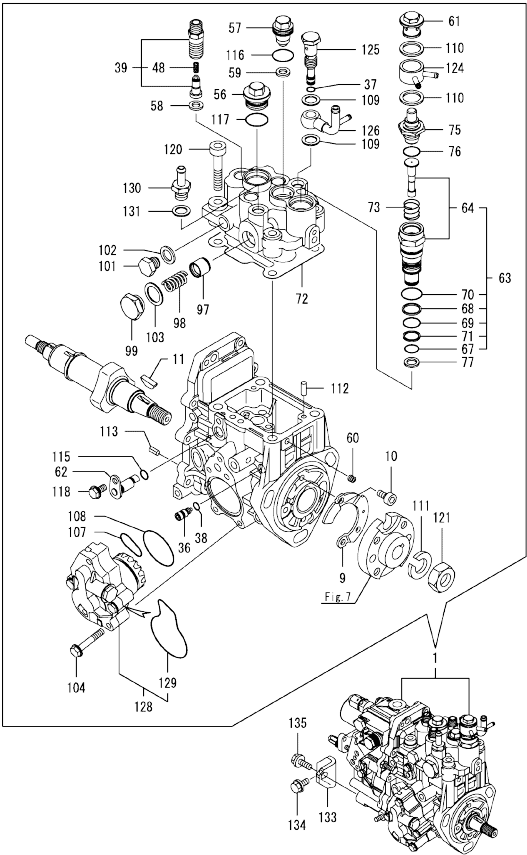
Fig.11. FUEL INJECTION PUMP



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

										OCD50-M01190 Fig.11	
										(A)=3TNV88-BPXG	
										(D)=	
										(E)=	
										(F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729252-51300	FIE ASSY	1							1
9	2	129008-51900	COVER, GEAR CASE	1							
10	2	129008-51920	BOLT, M6X10	2							
11	2	119802-51090	KEY, 4X16	1							
36	2	158600-51270	STOPPER, TAPPET	1							
37	2	158563-51281	O-RING, 4D S6	1							
38	2	158563-51281	O-RING, 4D S6	1							
39	2	129008-51390	VALVE ASSY, DELIVERY	3							
48	3	158563-51330	SPRING, DELIVERY	3							
56	2	158601-51550	PLUG	1							
57	2	119802-51560	PLUG, BARREL	1							
58	2	158552-51571	GASKET	3							
59	2	158552-51571	GASKET	1							
60	2	158557-51570	PLUG	1							
61	2	158601-51570	PLUG	1							
62	2	158552-51580	LIFTER	1							
63	2	119802-51590	TIMER SET	1							
64	3	119802-51600	TIMER ASSY	1							
67	3	158553-51670	O-RING, 1011	1							
68	3	119802-51680	RING, BACK UP	1							
69	3	119802-51690	O-RING	1							
70	3	24356-190200	O-RING, 4D19020	1							
71	3	24372-000150	RING, BACK UP T2P15	1							
72	2	158552-51600	GASKET	1							
73	2	158553-51630	SPRING, TIMER	1							
75	2	158553-51650	ELEMENT	1							
76	2	158553-51660	O-RING, P14	1							
77	2	158553-51680	GASKET	1							
97	2	158601-51770	PISTON	1							
98	2	158552-51781	SPRING	1							
99	2	158601-51790	PLUG	1							
101	2	158553-51930	PLUG, M12	1							
102	2	22190-120002	WASHER, SEAL 12	1							
103	2	22190-180002	WASHER, SEAL 18	1							
104	2	158553-51770	BOLT	4							
107	2	158552-52311	O-RING	1							
108	2	158552-52400	O-RING, 4E S42	1							
109	2	22190-120002	WASHER, SEAL 12	2							
110	2	22190-180002	WASHER, SEAL 18	2							
111	2	22217-140000	WASHER, SPRING 14	1							
112	2	22312-050140	PIN, PARALLEL 5X14	2							
113	2	22351-050010	PIN, SPRING 5.0X10	2							
115	2	24311-000070	O-RING, 1AP7.0	1							
116	2	24356-190180	O-RING, 4D19018	1							
117	2	24356-190200	O-RING, 4D19020	1							
118	2	26106-060102	BOLT, M6X 10 PLATED	1							
120	2	26450-080452	BOLT, M8X 45	4							
121	2	26776-140002	NUT, LOCK M14	1							
124	2	158553-51551	JOINT	1							
125	2	158601-51650	JOINT, OVER FLOW	1							
126	2	158552-51670	JOINT, OVER FLOW	1							

Fig.11. FUEL INJECTION PUMP



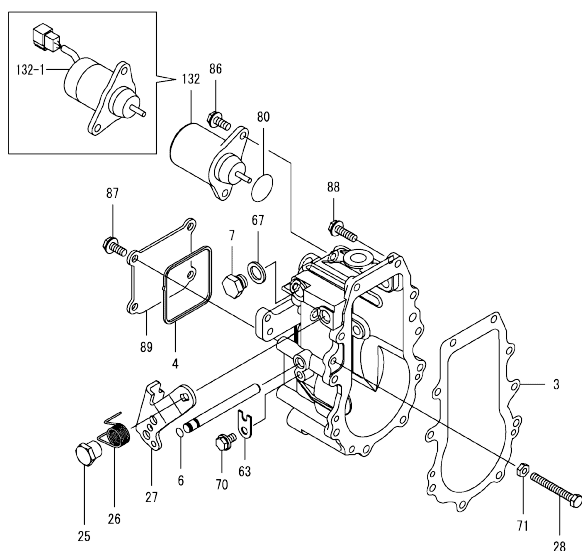
Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
128	2	158552-52100	PUMP ASSY, FUEL FEED	1							
129	3	158552-52500	O-RING	1							
130	2	119934-59910	JOINT, PIPE	1							
131	2	22190-120002	WASHER, SEAL 12	1							
133	1	119802-51250	RETAINER, PUMP	1							
134	1	26106-080162	BOLT, M8X 16 PLATED	1							
135	1	26106-080202	BOLT, M8X 20 PLATED	1							

Fig.12. GOVERNOR



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

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

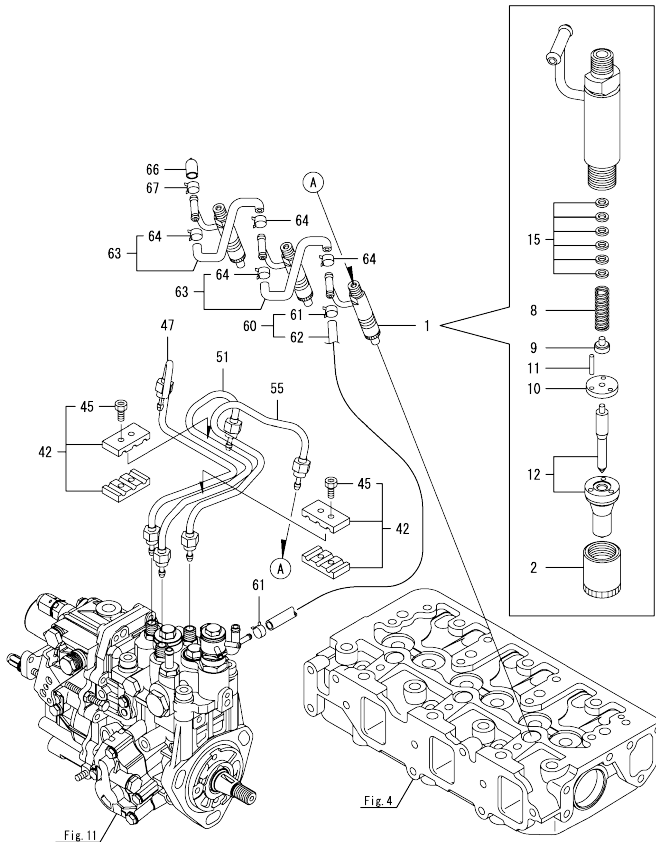
(A)=3TNV88-BPXG
(B)=
(C)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
3	2	158553-61050	GASKET	1						
4	2	158553-61070	GASKET	1						
6	2	129155-51280	O-RING, S6	1						
7	2	158553-51930	PLUG, M12	1						
25	2	129255-61410	NUT, M8	1						
26	2	119807-61420	SPRING, RETURN	1						
27	2	158552-61441	LEVER, REGULATOR	1						
28	2	129155-61460	BOLT, LIMITING	1						
63	2	119660-61901	STOPPER, SHAFT	1						
67	2	22190-120002	WASHER, SEAL 12	1						
70	2	26106-060102	BOLT, M6X 10 PLATED	1						
71	2	26756-060002	NUT, LOCK M6	1						
80	2	158552-61900	O-RING	1						
86	2	26106-060142	BOLT, M6X 14 PLATED	2						
87	2	26106-060142	BOLT, M6X 14 PLATED	4						
88	2	26106-060202	BOLT, M6X 20 PLATED	10						
89	2	129642-61060	COVER, GOVERNOR CASE	1						
132	2	119233-77932	SOLENOID, STOP	1						
132-1	2	129630-77900	SOLENOID, STOP	1						N

(A=*2021.06)

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

Fig.13. FUEL INJECTION VALVE

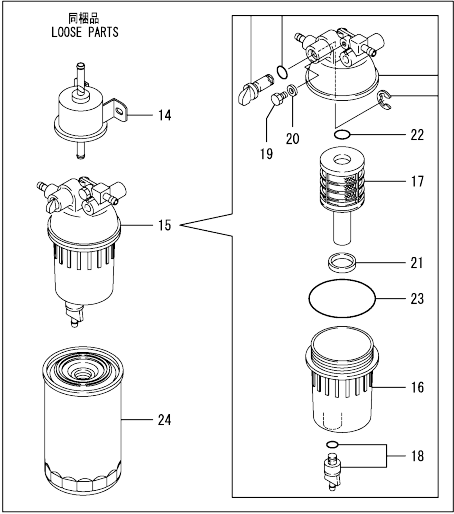
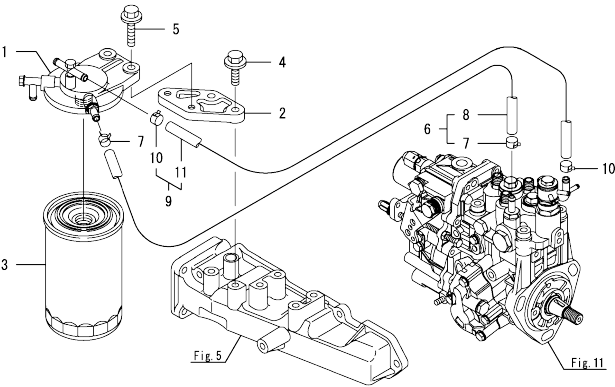


(A)=3TNV88-BPXG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729604-53300	VALVE ASSY,INJECTION	3							
2	2	114250-53080	NUT, NOZZLE D16.95	3							
8	2	114250-53120	SPRING, NOZZLE	3							
9	2	114250-53130	SEAT, SPRING	3							
10	2	114250-53140	PLATE	3							
11	2	114250-53210	PIN	6							
12	2	129604-53300	VALVE ASSY,INJECTION	3							
15	2	119803-53400	SHIM SET	3							
42	1	129150-59120	RETAINER, PIPE	2							
45	2	129150-59131	BOLT, M4X14	4							
47	1	129004-59811	PIPE ASSY, INJECTION	1							
51	1	129004-59821	PIPE ASSY, INJECTION	1							
55	1	129004-59831	PIPE ASSY, INJECTION	1							
60	1	119802-59550	PIPE ASSY, RETURN	1							
61	2	124722-59050	CLIP, HOSE 9	2							
62	2	119802-59560	PIPE, FUEL RETURN	1							
63	1	129486-59551	PIPE ASSY, RETURN	2							
64	2	124722-59050	CLIP, HOSE 9	4							
66	1	119593-59581	CAP	1							
67	1	124060-77680	CLIP, HOSE 10	1							

Fig.14. FUEL PIPE

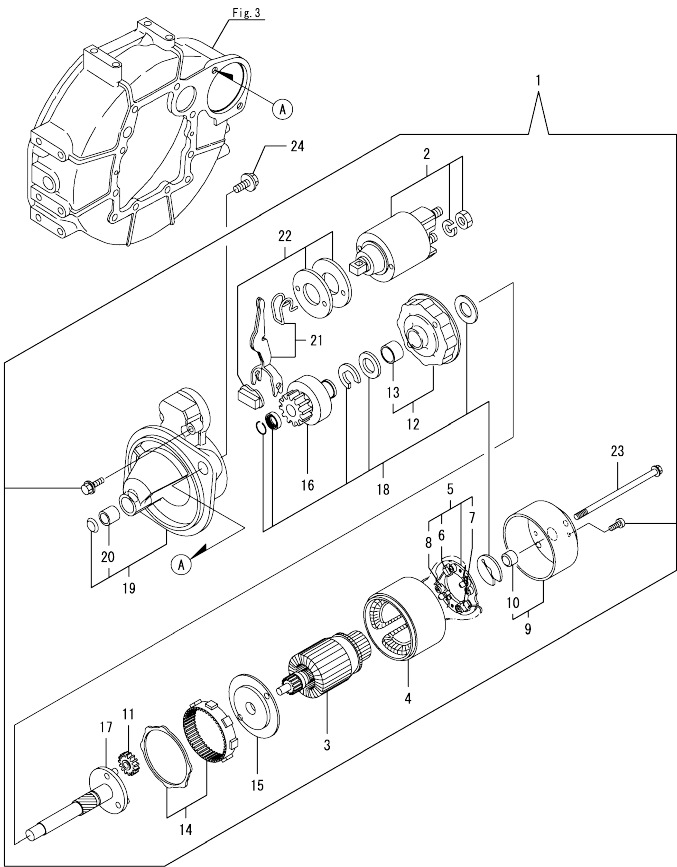


(A)=3TNV88-BPXG
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1							
2	1	119940-55690	SPACER	1							
3	1	129907-55801	FILTER, FUEL	1							
4	1	26106-080252	BOLT, M8X 25 PLATED	2							
5	1	26106-080302	BOLT, M8X 30 PLATED	2							
6	1	129210-59070	PIPE ASSY, FUEL	1							
7	2	124766-59050	CLIP, HOSE 11.5	2							
8	2	105025-59760	PIPE, FUEL	1							
9	1	129210-59130	PIPE ASSY, FUEL	1							
10	2	124766-59050	CLIP, HOSE 11.5	2							
11	2	105025-59750	PIPE, FUEL	1							
14	1	119225-52102	PUMP ASSY, FUEL FEED	1							
15	1	129242-55701	SEPARATOR ASSY	1							
16	2	129242-55720	CUP	1							
17	2	129242-55730	ELEMENT	1							
18	2	129242-55740	PLUG, DRAIN	1							
19	2	129242-55750	VALVE, AIR VENT	1							
20	2	129242-55760	GASKET	1							
21	2	129242-55770	FLOAT	1							
22	2	24311-000160	O-RING, 1AP16.0	1							
23	2	24321-000750	O-RING, 1AG75.0	1							
24	1	129907-55801	FILTER, FUEL	1							

Fig.15. STARTER MOTOR

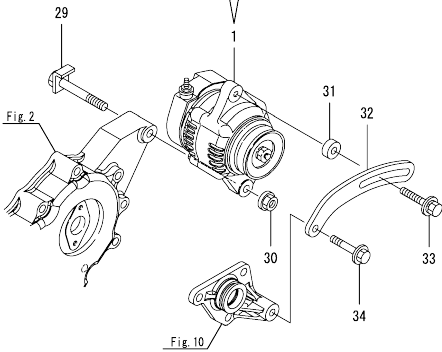
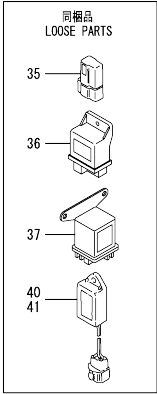
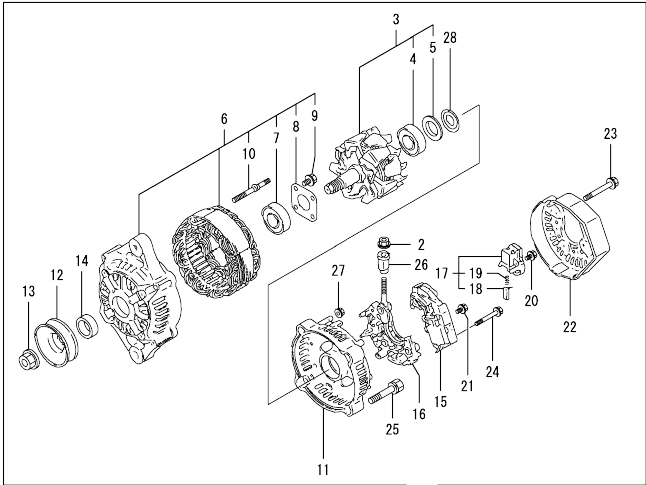


(A)=3TNV88-BPXG
(B)=
(C)=

(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	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	4							
9	2	129242-77160	COVER ASSY	1							
10	3	129242-77170	METAL	1							
11	2	118400-77170	GEAR	3							
12	2	129242-77180	BRACKET	1							
13	3	129698-77190	BRACKET	1							
14	2	129698-77200	GEAR, INTERNAL	1							
15	2	129242-77210	BRACKET	1							
16	2	129698-77220	PINION ASSY	1							
17	2	129698-77230	SHAFT	1							
18	2	129698-77250	WASHER SET	1							
19	2	129242-77260	CASE ASSY	1							
20	3	X2114535200	METAL, STARTER	1							
21	2	129242-77270	LEVER SET	1							
22	2	129242-77280	COVER ASSY, DUST	1							
23	2	124195-77770	BOLT, THROUGH	2							
24	1	26106-120252	BOLT, M12X 25 PLATED	2							

Fig.16. GENERATOR



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

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

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	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY	1							
12	2	119620-77461	PULLEY	1							
13	2	119620-77471	NUT	1							
14	2	119620-77490	COLLAR	1							
15	2	129423-77710	REGULATOR ASSY	1							
16	2	119620-79260	HOLDER	1							
17	2	129052-79270	HOLDER, BRUSH	1							
18	3	119620-77480	BRUSH ASSY	2							
19	3	119620-79280	SPRING	2							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	129240-79300	COVER	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	119740-77251	BOLT, M10X80	1							
30	1	26306-100002	NUT, M10	1							
31	1	119940-77270	SPACER, GENERATOR	1							
32	1	119802-77330	ADJUSTER	1							
33	1	129972-77341	BOLT, ADJUSTER L=50	1							
34	1	26106-080452	BOLT, M8X 45 PLATED	1							
35	1	119643-66900	DIODE	1							
36	1	119802-77200	RELAY, SAFETY	1							
37	1	119650-77911	RELAY ASSY, GLOW	1							
40	1	128300-77920	TIMER	1							
41	1	129211-77920	TIMER	1							

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105025-59750	14	11
105025-59760	14	8
114250-39450	9	26
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	36
	37	
119131-18320	6	5
119225-52102	14	14
119233-77932	12	132
119593-59581	13	66
119609-32040	2	9
119620-01750	3	3
119620-77380	16	3
119620-77421	16	6
119620-77440	16	11
119620-77461	16	12
119620-77471	16	13
119620-77480	16	18
119620-77490	16	14
119620-79200	16	7
119620-79210	16	8
119620-79220	16	9
119620-79230	16	10
119620-79250	16	5
119620-79260	16	16
119620-79280	16	19
119620-79290	16	20
119620-79300	16	21
119620-79310	16	23
119620-79320	16	24
119620-79330	16	25
119620-79340	16	26
119620-79350	16	27
119620-79360	16	28
119625-11880	4	28
119640-01640	3	8
119643-66900	16	35
119650-77911	16	37
119660-61901	12	63
119740-77251	16	29
119802-01561	2	5
119802-03110	4	39
119802-03121	4	40
119802-03130	4	41
119802-03141	4	42

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119802-11260	4	4
119802-11270	4	5
119802-11280	4	6
119802-11870	4	27
119802-25071	7	16
119802-25101	7	10
119802-25901	7	15
119802-35100	9	20
119802-39450	9	28
119802-49113	10	9
119802-49730	10	38
119802-51090	11	11
119802-51250	11	133
119802-51560	11	57
119802-51590	11	63
119802-51600	11	64
119802-51680	11	68
119802-51690	11	69
119802-59550	13	60
119802-59560	13	62
119802-77200	16	36
119802-77330	16	32
119803-01520	2	4
119803-21200	8	4
119803-25050	7	9
119803-53400	13	15
119803-77520	5	8
119803-77830	4	52
119807-61420	12	26
119865-21600	8	14
119934-01800	2	3
119934-59910	11	130
119940-55690	14	2
119940-77270	16	31
120130-11860	4	55
120270-54410	4	30
121023-01551	2	19
121111-21501	8	11
121400-11340	4	23
121450-42450	10	34
121520-34810	9	16
121550-23200	8	29
121850-21680	8	10
121850-51960	2	10
123501-79240	16	4
123900-13610	6	3
124060-01050	1	4
124060-77680	13	67
124160-01751	2	6
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124160-11360	4	47
124160-39140	9	27
124195-77770	15	23
124240-01871	2	7
124395-49840	10	17
124460-11340	4	24
124465-44950	10	35
124722-59050	10	39
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	13	61
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124766-59050	14	7
	10	
128300-77920	16	40
129001-01250	1	5
129001-01340	1	28
129001-02931	1	29
129001-12110	5	4
129001-32002	9	1
129004-03010	4	37
129004-03080	5	1
129004-11241	4	1
129004-11251	4	2
129004-11310	4	44
129004-11350	4	36
129004-11650	4	8
129004-11900	4	29
129004-12101	5	3
129004-13129	6	2
129004-13200	6	7
129004-21650	8	8
129004-34802	9	15
129004-42001	10	1
129004-42040	10	15
129004-49610	10	36
129004-49620	10	40
129004-49711	10	37
129004-49721	10	41
129004-55612	14	1
129004-59811	13	47
129004-59821	13	51
129004-59831	13	55
129005-11100	4	19
129005-22080	8	15
129005-22500	8	17
129005-22900	8	35
129005-22950	8	37
129005-59830	9	29

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129008-11700	4	13
129008-21000	8	1
129008-51390	11	39
129008-51900	11	9
129008-51920	11	10
129008-77800	4	53
129008-77820	4	54
129030-44760	10	26
129052-79270	16	17
129100-01580	3	1
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	8	2
129100-01730	3	6
129100-11112	4	20
129100-23910	8	32
129100-35140	9	22
129100-35301	9	18
129100-42051	10	3
129100-42121	10	4
129128-21590	8	12
129129-14580	7	3
129136-01780	3	7
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	38
129150-11230	4	9
129150-11280	4	7
129150-11370	4	12
129150-11750	4	11
129150-11810	4	56
129150-13110	6	1
129150-14101	7	6
129150-14200	7	1
129150-14400	7	2
129150-23601	8	30
129150-23611	8	33
129150-25301	7	14
129150-32020	9	13
129150-35042	9	17
129150-35111	9	23
129150-49811	10	29
129150-59120	13	42
129150-59131	13	45
129150-77511	5	7
129155-49801	10	28
129155-51280	12	6

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129202-22300	8	23
129210-59070	14	6
129210-59130	14	9
129211-77920	16	41
129240-13550	6	8
129240-79300	16	22
129242-55701	14	15
129242-55720	14	16
129242-55730	14	17
129242-55740	14	18
129242-55750	14	19
129242-55760	14	20
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129242-77010	15	1
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129242-77120	15	5
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129242-77210	15	15
129242-77260	15	19
129242-77270	15	21
129242-77280	15	22
129255-61410	12	25
129350-49530	10	30
129403-42380	10	23
129410-03990	5	2
129423-77200	16	1
129423-77710	16	15
129486-01670	3	19
129486-42021	10	14
129486-42140	10	16
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129630-77900	12	132 -1
129642-61060	12	89
129648-01600	3	16
129648-01780	3	18
129655-44740	10	25
129698-77020	15	2
129698-77190	15	13
129698-77200	15	14
129698-77220	15	16
129698-77230	15	17

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129698-77250	15	18
129795-01950	2	8
129795-02412	1	12
129795-11120	4	21
129795-11180	4	22
129795-21661	8	9
129795-49551	10	31
129900-07900	4	50
129907-55801	14	3
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129916-49740	10	10
129972-77341	16	33
129E00-13640	6	4
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158552-51571	11	58
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158552-51580	11	62
158552-51600	11	72
158552-51670	11	126
158552-51781	11	98
158552-52100	11	128
158552-52311	11	107
158552-52400	11	108
158552-52500	11	129
158552-61441	12	27
158552-61900	12	80
158553-51551	11	124
158553-51630	11	73
158553-51650	11	75
158553-51660	11	76
158553-51670	11	67
158553-51680	11	77
158553-51770	11	104
158553-51930	11	101
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158553-61050	12	3
158553-61070	12	4
158557-51570	11	60
158563-51281	11	37
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158563-51330	11	48
158600-51270	11	36
158601-51550	11	56
158601-51570	11	61
158601-51650	11	125
158601-51770	11	97
158601-51790	11	99
171051-01921	1	8
171056-49120	10	33
22190-080002	2	11

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22190-080002	9	30
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22190-100002	9	33
22190-120002	11	102
		109
		131
	12	67
22190-180002	11	103
		110
22190-220002	3	10
22217-140000	11	111
22252-000260	8	24
22312-050140	11	112
22351-030010	8	7
22351-050010	11	113
22351-060012	4	31
22512-070140	7	7
	8	5
22857-500100	4	45
		46
23414-080000	10	18
23857-030000	9	31
23875-020000	10	11
23876-010000	10	12
24311-000070	11	115
24311-000120	4	48
24311-000160	14	22
24311-000320	2	12
	4	49
24321-000750	14	23
24341-000240	2	20
24356-190180	11	116
24356-190200	11	70
		117
24372-000150	11	71
25152-003800	10	24
26106-060102	11	118
	12	70
26106-060142	12	86
		87
26106-060162	2	21
26106-060202	12	88
26106-060502	10	27
26106-080122	10	19
26106-080142	7	8
26106-080162	2	13
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	4	51
	10	20

Parts No.	Fig. No.	Ref. No.
26106-080162	11	134
26106-080202	5	5
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	9	25
	11	135
26106-080222	10	32
26106-080252	3	12
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26106-080302	2	15
	14	5
26106-080352	3	20
	4	33
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26106-080402	7	13
26106-080452	3	13
	10	21
	16	34
26106-080502	3	14
	4	34
26106-080552	2	16
26106-080602	10	22
26106-080802	5	6
		10
26106-080852	2	17
26106-100162	6	9
26106-120252	15	24
26206-100252	3	4
26206-100302	3	5
26306-080002	2	18
	6	6
		10
26306-100002	16	30
26366-060002	9	34
26450-060252	9	14
26450-080452	11	120
26577-060142	10	13
26756-060002	12	71
26776-140002	11	121
27241-120000	1	13
27241-300000	1	14
27241-400000	4	18
27310-080001	4	25
729005-01560	1	1
729252-51300	11	1
729402-23100	8	25
729604-53300	13	1
729630-01500	2	1
X2114535200	15	20
X9490561001	16	2