

0CD11-M19002EN

P R E F A C E

This parts catalog is the 3rd edition of 3TNV82A-BPYBD, 3TNV82A-BPYBC and 3TNV82A-BPYBU for KOBELCO CONSTRUCTION MACHINERY CO., LTD.

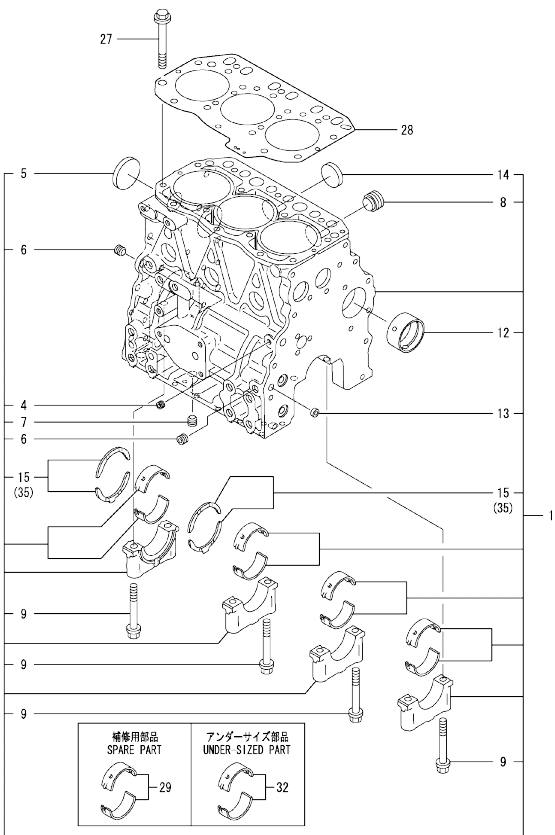
Published : April, 2015

Contents

0CD11-M19002

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
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		
18.	(4A)CYLINDER HEAD & BONNET		
19.	(16A)GENERATOR		

Fig.1. CYLINDER BLOCK



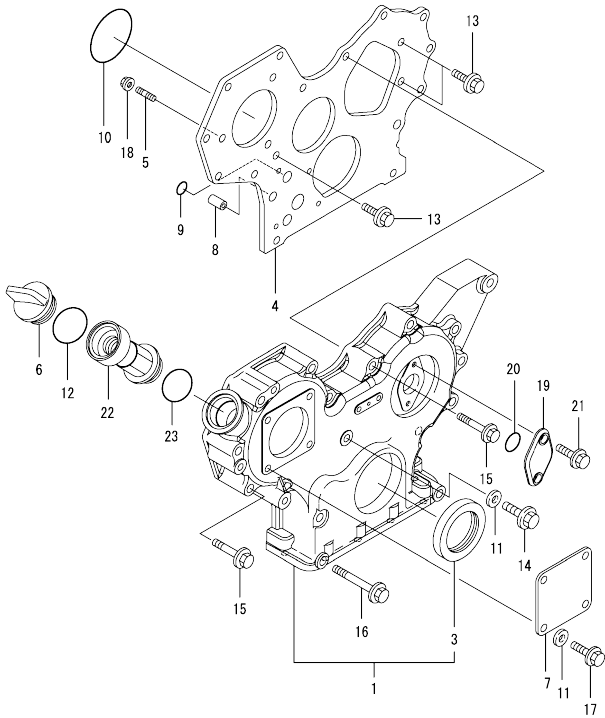
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

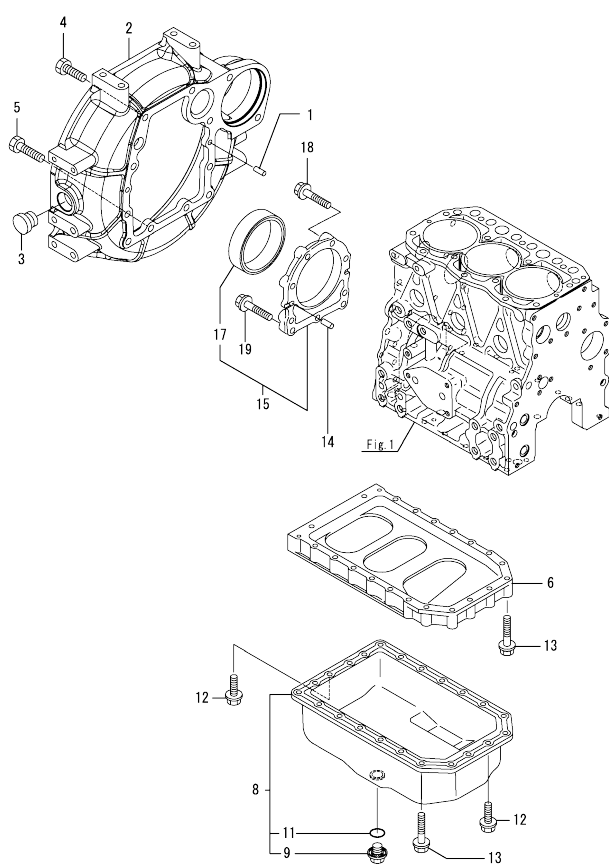
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01560	BLOCK ASSY, CYLINDER	1	1	1					
4	2	124060-01050	PLUG, PT1/8	1	1	1					
5	2	129001-01250	PLUG, 50	1	1	1					
6	2	124160-01910	PLUG, PT1/4	2	2	2					
7	2	124160-01910	PLUG, PT1/4	1	1	1					
8	2	171051-01921	PLUG, NPTF1	1	1	1					
9	2	119620-02020	BOLT, METAL CAP	8	8	8					
12	2	129795-02412	BUSH, CAMSHAFT	1	1	1					
13	2	27241-120000	PLUG, 12	2	2	2					
14	2	27241-300000	PLUG 30	6	6	6					
15	2	119717-02930	METAL ASSY, THRUST	2	2	2					
27	1	119810-01200	BOLT, CYLINDER HEAD	14	14	14					
28	1	119812-01330	GASKET, HEAD	1	1	1					
29	1	719810-02981	METAL ASSY, MAIN	4	4	4					1
32	1	119810-02871	METAL ASSY, MAIN .25	4	4	4					2
35	1	119810-02941	METAL ASSY, 0.25 OS	2	2	2					3

Fig.2. GEAR HOUSING



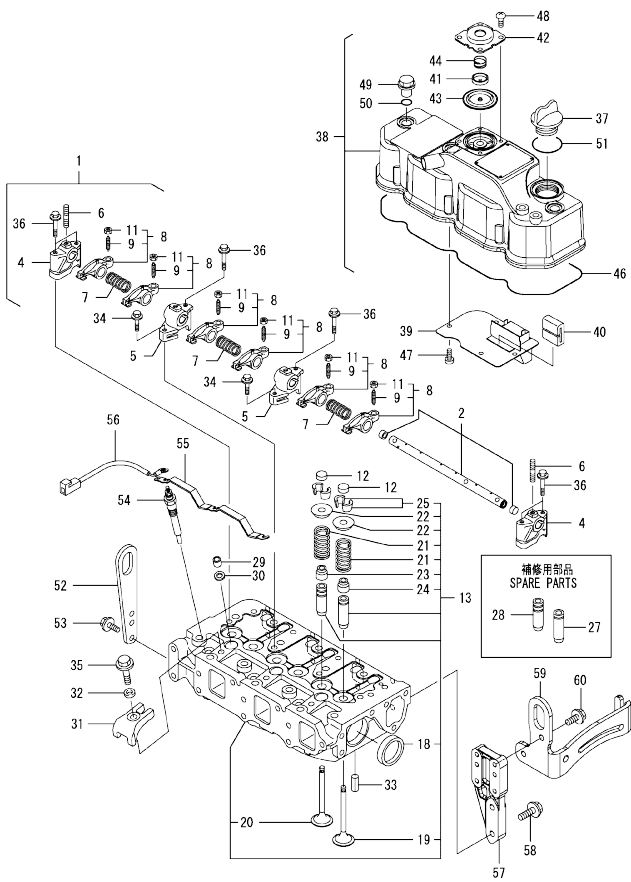
0CD11-M19002 Fig.2

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729630-01500	CASE ASSY, GEAR	1	1	1					
3	2	119934-01800	SEAL, OIL	1	1	1					
4	1	119803-01520	FLANGE, GEAR CASE	1	1	1					
5	1	119802-01561	STUD, M8X25	3	3	3					
6	1	124160-01751	CAP, FILLER	1	1	1					
7	1	124240-01871	COVER, HYDRAULIC PUMP	1	1	1					
8	1	129795-01950	PIPE, KNOCK L=18	2	2	2					
9	1	119609-32040	O-RING, P16	2	2	2					
10	1	121850-51960	O-RING, FUEL PUMP	1	1	1					
11	1	22190-080002	WASHER, SEAL 8	5	5	5					
12	1	24311-000320	O-RING, 1AP32.0	1	1	1					
13	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3					
14	1	26106-080302	BOLT, M8X 30 PLATED	1	1	1					
15	1	26106-080552	BOLT, M8X 55 PLATED	12	12	12					
16	1	26106-080852	BOLT, M8X 85 PLATED	3	3	3					
17	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4					
18	1	26306-080002	NUT, M8	3	3	3					
19	1	121023-01551	COVER, TACHOMETER	1	1	1					
20	1	24341-000240	O-RING, 1AS24.0	1	1	1					
21	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2					
22	1	171031-11741	PIPE, FILLER	1	1	1					
23	1	24311-000320	O-RING, 1AP32.0	1	1	1					



No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	129100-01580	PIN, PARALLEL 8X16	2	2	2				
2	1	129612-01600	HOUSING, FLYWHEEL	1	1	1				
3	1	119620-01750	CAP, WHEEL COVER	1	1	1				
4	1	26206-100252	BOLT, M10X 25 PLATED	6	6	6				
5	1	26206-100302	BOLT, M10X 30 PLATED	4	4	4				
6	1	119810-01730	SPACER, OIL PAN	1	1	1				
8	1	119823-01780	OIL PAN ASSY	1	1	1				
9	2	121400-01640	PLUG, DRAIN M16	1	1	1				
11	2	24311-000180	O-RING, 1AP18.0	1	1	1				
12	1	26106-080162	BOLT, M8X 16 PLATED	6	6	6				
13	1	26106-080452	BOLT, M8X 45 PLATED	22	22	22				
14	1	129100-01580	PIN, PARALLEL 8X16	2	2	2				
15	1	129100-01640	CASE ASSY, OIL SEAL	1	1	1				
17	2	129795-01780	SEAL, OIL	1	1	1				
18	1	129486-01670	BOLT, M8X30	6	6	6				
19	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3				

Fig.4. CYLINDER HEAD & BONNET



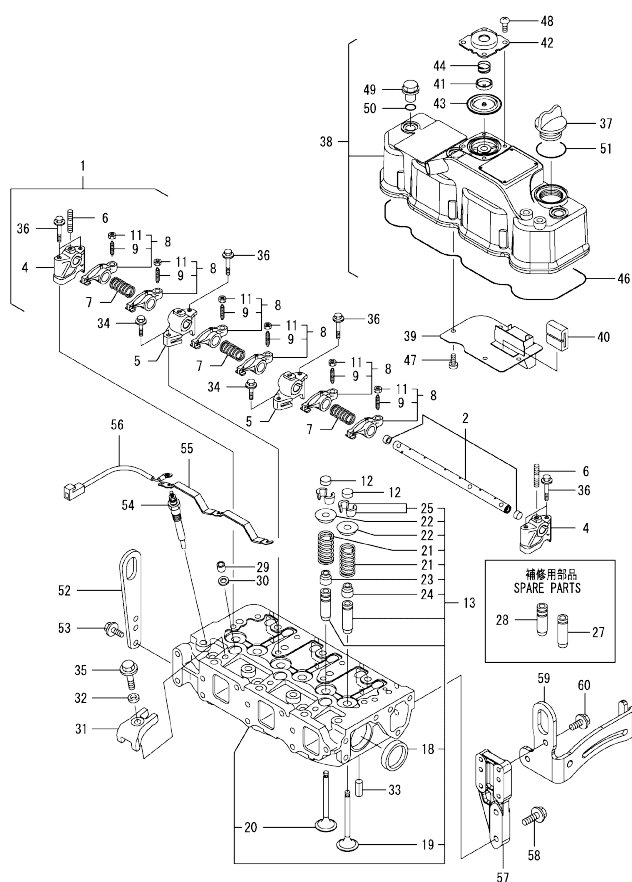
Remarks
(1)Spare parts.

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-11241	SHAFT ASSY, ARM	1	1						
2	2	119802-11251	SHAFT, ROCKER ARM	1	1						
4	2	119802-11260	SUPPORT, ROCKER ARM	2	2						
5	2	119802-11270	SUPPORT, ROCKER ARM	2	2						
6	2	119802-11280	BOLT, STUD	3	3						
7	2	129150-11280	SPRING, SHAFT	3	3						
8	2	119802-11650	ARM ASSY, ROCKER	6	6						
9	3	129150-11230	SCREW, VALVE ADJUST	6	6						
11	3	129150-11750	NUT, M8XP1.0	6	6						
12	1	104211-11370	CAP, VALVE	6	6						
13	1	119803-11700	HEAD ASSY, CYLINDER	1	1						
18	2	27241-400000	PLUG, 40	2	2						
19	2	119802-11100	VALVE, INTAKE	3	3						
20	2	119802-11110	VALVE, EXHAUST	3	3						
21	2	119810-11120	SPRING, VALVE	6	6						
22	2	104211-11180	RETAINER, SPRING	6	6						
23	2	119803-11340	SEAL, VALVE STEM	3	3						
24	2	124160-11340	SEAL, VALVE STEM	3	3						
25	2	27310-070001	COTTER, 7	6	6						
27	1	124060-11800	GUIDE, VALVE	3	3						1
28	1	119802-11810	GUIDE, VALVE	3	3						1
29	1	119802-11870	PROTECTOR, NOZZLE	3	3						
30	1	119625-11880	SEAT, NOZZLE	3	3						
31	1	119802-11900	RETAINER, NOZZLE	3	3						
32	1	120270-54410	WASHER, INJECTOR	3	3						
33	1	22351-060012	PIN, SPRING 6.0X12	2	2						
34	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
35	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
36	1	26106-080502	BOLT, M8X 50 PLATED	6	6						
37	1	124160-01751	CAP, FILLER	1	1						
38	1	119802-11350	BONNET ASSY, HEAD	1	1						
39	2	119802-03010	PLATE, BAFFLE	1	1						
40	2	129150-03070	BAFFLE, BREATHER	1	1						
41	2	119802-03110	PLATE, DIAPHRAGM	1	1						
42	2	119802-03121	COVER, DIAPHRAGM	1	1						
43	2	119802-03130	DIAPHRAGM, BREATHER	1	1						
44	2	119802-03141	SPRING, DIAPHRAGM	1	1						
46	2	119802-11310	GASKET, BONNET	1	1						
47	2	22857-500100	SCREW, 5X10	4	4						
48	2	22857-500100	SCREW, 5X10	4	4						
49	1	124160-11360	KNOB, BONNET	3	3						
50	1	24311-000120	O-RING, 1AP12.0	3	3						
51	1	24311-000320	O-RING, 1AP32.0	1	1						
52	1	129900-07900	LIFTER, ENGINE	1	1						
53	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
54	1	129008-77800	PLUG, GLOW	3	3						
55	1	119803-77821	CONNECTOR, GLOW PLUG	1	1						
56	1	119803-77830	HARNES, WIRE	1	1						
57	1	129C01-07910	SPACER, LIFTER	1	1						
58	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
59	1	119935-77350	ADJUSTER, BELT	1	1						

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++ Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

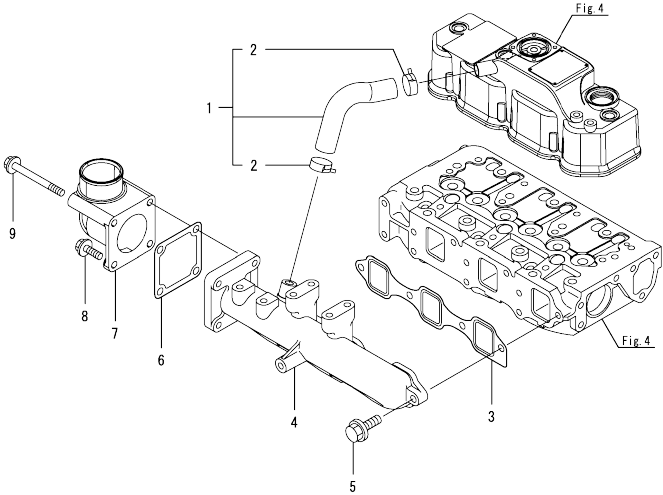


Remarks
(1) Spare parts.

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

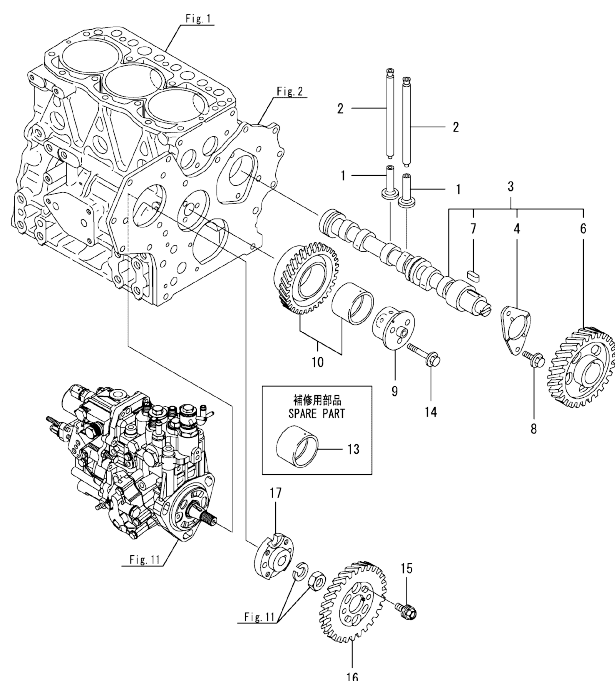
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	1	26106-080162	BOLT M8X 16 PLATED	2	2						

0CD11-M19002 ENGINE
Fig.5. SUCTION MANIFOLD



										0CD11-M19002 Fig.5	
										(A)=3TNV82A-BPYBD	(D)=
										(B)=3TNV82A-BPYBC	(E)=
										(C)=3TNV82A-BPYBU	(F)=
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-03090	HOSE ASSY, BREATHER	1	1	1					
2	2	129410-03990	CLAMP, HOSE 21.5	2	2	2					
3	1	119810-12112	GASKET, MANIFOLD	1	1	1					
4	1	119802-12130	MANIFOLD, INTAKE	1	1	1					
5	1	26106-080252	BOLT, M8X 25 PLATED	4	4	4					
6	1	129150-77511	GASKET, AIR HEATER	1	1	1					
7	1	119803-77520	BEND, AIR HEATER	1	1	1					
8	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2					
9	1	26106-080802	BOLT, M8X 80 PLATED	2	2	2					

[illegible]



Remarks
(1) Spare parts.

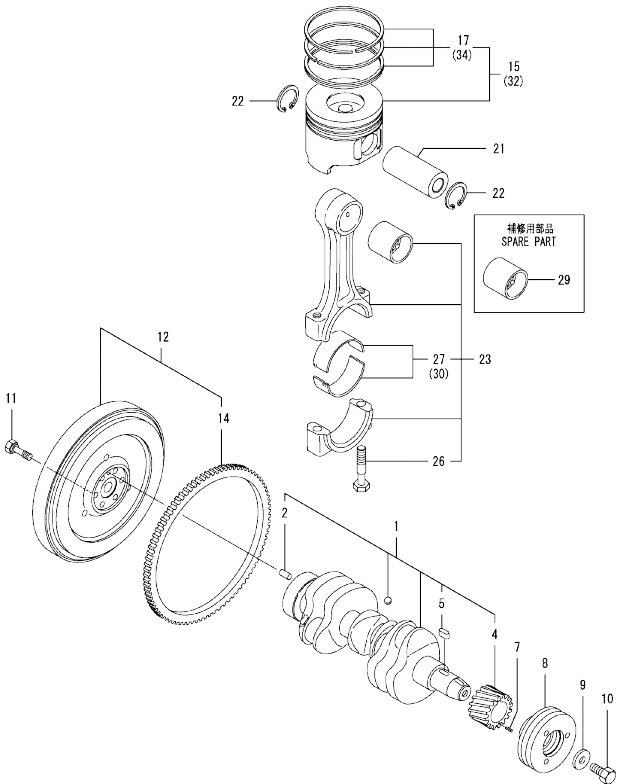
(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6	6					
2	1	119810-14400	ROD, PUSH	6	6	6					
3	1	119802-14580	CAMSHAFT ASSY	1	1	1					
4	2	129150-02450	METAL, THRUST	1	1	1					
6	2	129150-14101	GEAR, CAMSHAFT	1	1	1					
7	2	22512-070140	KEY, 7X 14	1	1	1					
8	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2					
9	1	119803-25050	SHAFT, IDLE GEAR	1	1	1					
10	1	119802-25101	GEAR ASSY, IDLE	1	1	1					
13	1	119802-25071	BUSH, IDLE GEAR	1	1	1					1
14	1	26106-080402	BOLT, M8X 40 PLATED	3	3	3					
15	1	129150-25301	BOLT, INJECTION PUMP	4	4	4					
16	1	119802-25901	GEAR, PUMP	1	1	1					
17	1	158552-51151	FLANGE, CAMSHAFT	1	1	1					

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.8. CRANKSHAFT & PISTON



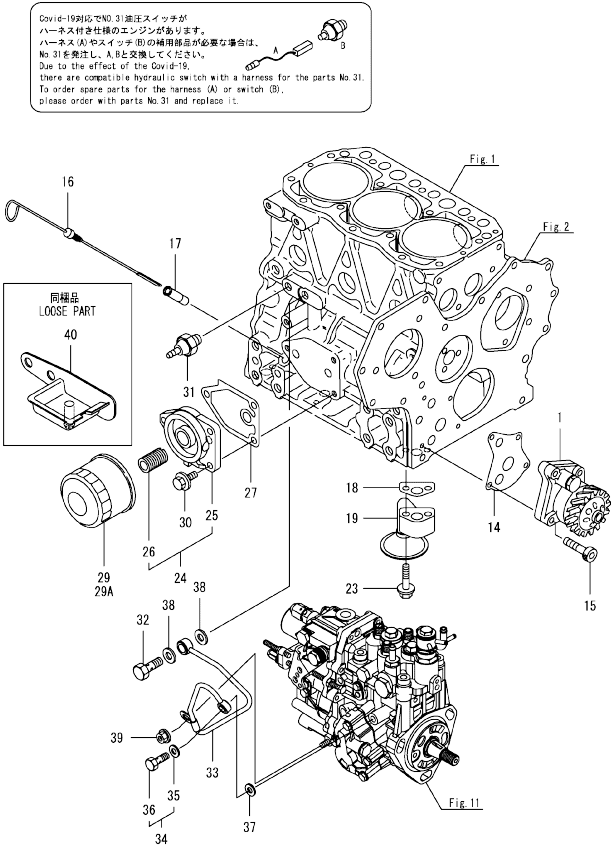
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119803-21000	CRANKSHAFT ASSY	1	1	1					
2	2	129100-01580	PIN, PARALLEL 8X16	1	1	1					
4	2	119803-21200	GEAR, CRANKSHAFT	1	1	1					
5	2	22512-070140	KEY, 7X 14	1	1	1					
7	1	22351-030010	PIN, SPRING 3.0X10	1	1	1					
8	1	119802-21650	V-PULLEY, CRANKSHAFT	1	1	1					
9	1	129795-21661	WASHER, 14	1	1	1					
10	1	121850-21680	BOLT, V-PULLEY	1	1	1					
11	1	121111-21501	BOLT, FLYWHEEL	6	6	6					
12	1	129489-21590	FLYWHEEL ASSY	1	1	1					
14	2	119865-21600	GEAR, RING Z=116	1	1	1					
15	1	119803-22080	PISTON ASSY	3	3	3					
17	2	119802-22500	RING SET, PISTON	3	3	3					
21	1	119813-22300	PIN, PISTON	3	3	3					
22	1	129792-22400	CIRCLIP, 23	6	6	6					
23	1	719810-23100	ROD ASSY, CONNECTING	3	3	3					
26	2	119810-23200	BOLT, CONNECTING ROD	6	6	6					
27	2	119810-23601	METAL ASSY,CRANK PIN	3	3	3					
29	1	119810-23910	METAL, PISTON PIN	3	3	3					1
30	1	119810-23611	METAL, CRANK PIN .25	3	3	3					2
32	1	119803-22900	PISTON ASSY, 0.25 OS	3	3	3					3
34	2	119802-22950	RING SET, PISTON .25	3	3	3					3

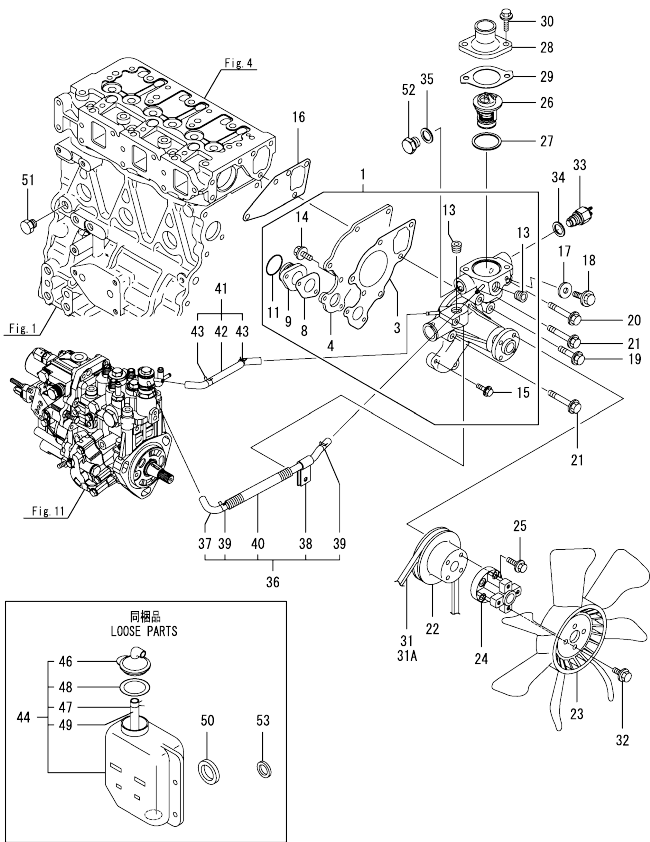
Fig.9. LUB. OIL SYSTEM



Remarks
(1)Spare parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32002	PUMP ASSY, OIL	1	1	1					
14	1	129150-32020	GASKET, PUMP	1	1	1					
15	1	26450-060252	BOLT, M6X 25	4	4	4					
16	1	119802-34802	DIPSTICK, OIL	1	1	1					
17	1	121520-34810	GUIDE, DIPSTICK	1	1	1					
18	1	129150-35042	GASKET, INLET PIPE	1	1	1					
19	1	119810-35300	PIPE ASSY, OIL INLET	1	1	1					
23	1	26106-080352	BOLT, M8X 35 PLATED	2	2	2					
24	1	119802-35100	BRACKET ASSY, FILTER	1	1	1					
25	2	119802-35110	BRACKET, FILTER	1	1	1					
26	2	129100-35140	STUD	1	1	1					
27	1	129150-35111	GASKET, BRACKET	1	1	1					
29	1	129150-35153	FILTER ASSY, D80X80L	1		1					1
29A	1	119005-35151	FILTER, OIL D80X100			1					1
30	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3					
31	1	114250-39450	SWITCH, HYDRAULIC	1	1	1					
32	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1					
33	1	119802-39450	PIPE ASSY, OIL	1	1	1					
34	1	129005-59830	BOLT ASSY, JOINT M8	1	1	1					
35	2	22190-080002	WASHER, SEAL 8	1	1	1					
36	2	23857-030000	BOLT, JOINT 3	1	1	1					
37	1	22190-080002	WASHER, SEAL 8	1	1	1					
38	1	22190-100002	WASHER, SEAL 10	2	2	2					
39	1	26366-060002	NUT, M6	1	1	1					
40	1	119940-35800	SUMP, OIL	1	1	1					

Fig.10. COOLING WATER SYSTEM

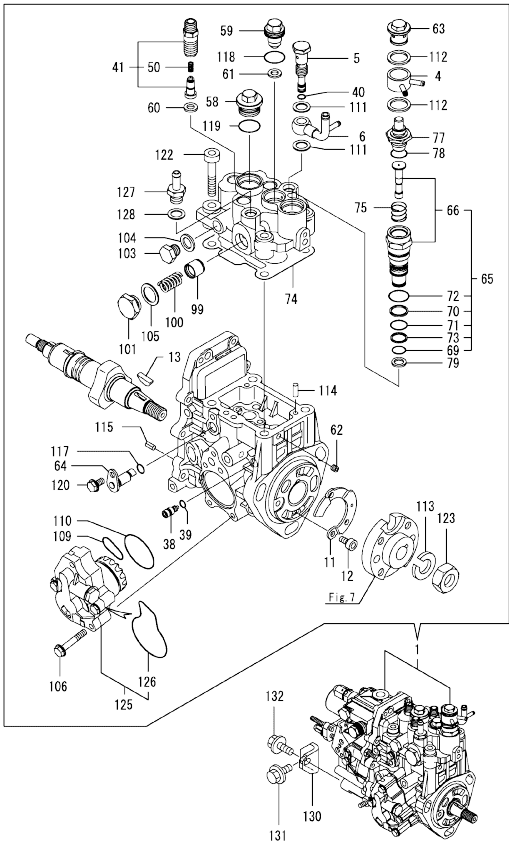


(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-42001	PUMP ASSY, WATER	1	1	1					
3	2	119810-42051	GASKET, WATER PUMP	1	1	1					
4	2	119810-42120	PLATE, PUMP	1	1	1					
8	2	119810-42281	GASKET, WATER PUMP	1	1	1					
9	2	119810-42290	PIPE, PUMP	1	1	1					
11	2	129054-42320	O-RING	1	1	1					
13	2	23876-030000	PLUG, R03	2	2	2					
14	2	26106-060142	BOLT, M6X 14 PLATED	2	2	2					
15	2	26106-060202	BOLT, M6X 20 PLATED	2	2	2					
16	1	129486-42050	GASKET, WATER PUMP	1	1	1					
17	1	23414-080000	GASKET, 8X1.0	1	1	1					
18	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1					
19	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1					
20	1	26106-080502	BOLT, M8X 50 PLATED	1	1	1					
21	1	26106-080552	BOLT, M8X 55 PLATED	2	2	2					
22	1	129556-42350	V-PULLEY, PUMP	1	1	1					
23	1	121267-44741	FAN, COOLING D=360	1	1	1					
24	1	119823-44760	SPACER, FAN L53	1	1	1					
25	1	26106-060202	BOLT, M6X 20 PLATED	4	4	4					
26	1	129155-49801	THERMOSTAT, 71C	1	1	1					
27	1	129150-49811	GASKET, THERMOSTAT	1	1	1					
28	1	129350-49530	COVER, THERMOSTAT	1	1	1					
29	1	129795-49551	GASKET, COVER	1	1	1					
30	1	26106-080222	BOLT, M8X 22 PLATED	2	2	2					
31	1	129612-42350	V-BELT, A38	1	1						
31A	1	129612-42380	V-BELT, A38.5			1					
32	1	26106-060122	BOLT, M6X 12 PLATED	4	4	4					
33	1	121250-44901	SWITCH, TEMPERATURE	1	1	1					
34	1	124465-44950	GASKET, 16	1	1	1					
35	1	124465-44950	GASKET, 16	1	1	1					
36	1	119802-49610	HOSE ASSY, WATER A	1	1	1					
37	2	119802-49711	HOSE ASSY, WATER A	1	1	1					
38	2	119802-49730	RETAINER, PIPE	1	1	1					
39	2	124722-59050	CLAMP, HOSE 9	2	2	2					
40	2	119802-59320	TUBE, CORRUGATED 10	1	1	1					
41	1	119802-49620	HOSE ASSY, WATER B	1	1	1					
42	2	119802-49721	HOSE ASSY, WATER B	1	1	1					
43	2	124722-59050	CLAMP, HOSE 9	2	2	2					
44	1	121468-44520	TANK ASSY, SUB	1	1	1					
46	2	121450-44531	CAP	1	1	1					
47	2	124450-44560	CLAMP, PIPE	1	1	1					
48	2	121470-44581	GASKET	1	1	1					
49	2	23065-070130	PIPE, 7X 130	1	1	1					
50	1	129150-49360	GASKET, 10	1	1	1					
51	1	171056-49120	PLUG, DRAIN R1/4	1	1	1					
52	1	121450-42450	PLUG, M16	1	1	1					
53	1	124465-44950	GASKET, 16	1	1	1					

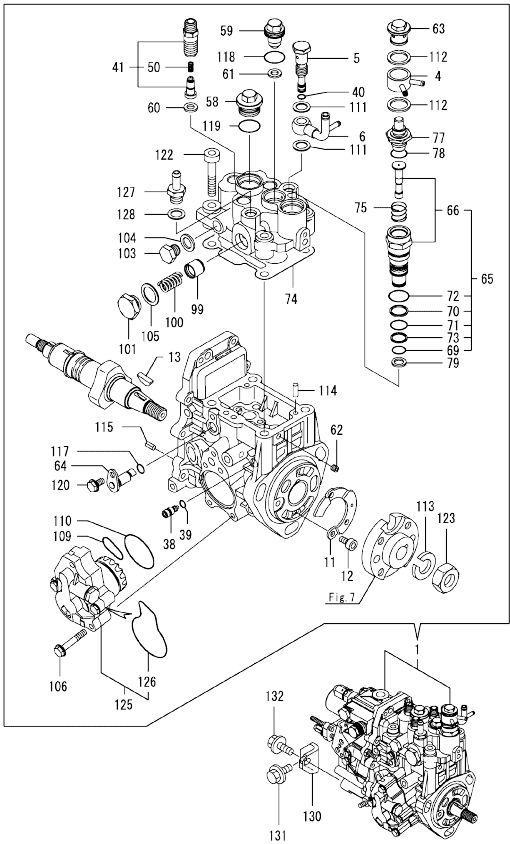
Fig.11. FUEL INJECTION PUMP



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

										0CD11-M19002 Fig.11	
										(A)=3TNV82A-BPYBD (B)=3TNV82A-BPYBC (C)=3TNV82A-BPYBU	
										(D)= (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty	I R
1	1	719935-51380	PUMP ASSY, INJECTION	1	1	1					1
4	2	158553-51551	JOINT, COOLING WATER	1	1	1					
5	2	158601-51650	JOINT, OVERFLOW	1	1	1					
6	2	158552-51670	JOINT, OVERFLOW	1	1	1					
11	2	129008-51900	COVER, PUMP	1	1	1					
12	2	129008-51920	BOLT, M6X10	2	2	2					
13	2	119802-51090	KEY, FEATHER 4X16	1	1	1					
38	2	158600-51270	STOPPER, TAPPET	1	1	1					
39	2	158563-51281	O-RING, 4D S6	1	1	1					
40	2	158563-51281	O-RING, 4D S6	1	1	1					
41	2	129008-51390	VALVE ASSY, DELIVERY	3	3	3					
50	3	158563-51330	SPRING, DELIVERY	3	3	3					
58	2	158601-51550	PLUG, M22	1	1	1					
59	2	119802-51560	PLUG, BARREL M14	1	1	1					
60	2	158552-51571	GASKET, BARREL PLUG	3	3	3					
61	2	158552-51571	GASKET, BARREL PLUG	1	1	1					
62	2	158557-51570	PLUG, RACK	1	1	1					
63	2	158601-51570	PLUG	1	1	1					
64	2	158552-51580	LIFTER, LINK	1	1	1					
65	2	119802-51590	TIMER ASSY	1	1	1					
66	3	119802-51600	TIMER ASSY	1	1	1					
69	3	158553-51670	O-RING, PUMP TIMER	1	1	1					
70	3	119802-51680	RING, BACKUP	1	1	1					
71	3	119802-51690	O-RING, 1016	1	1	1					
72	3	24356-190200	O-RING, 4D19020	1	1	1					
73	3	24372-000150	RING, BACK UP T2P15	1	1	1					
74	2	158552-51600	GASKET, HEAD	1	1	1					
75	2	158553-51630	SPRING, TIMER	1	1	1					
77	2	158553-51650	ELEMENT, THERMOSTAT	1	1	1					
78	2	158553-51660	O-RING, P14	1	1	1					
79	2	158553-51680	GASKET, TIMER	1	1	1					
99	2	158601-51770	PISTON, ACCUMULATOR	1	1	1					
100	2	158552-51781	SPRING, ACCUMULATOR	1	1	1					
101	2	158601-51790	PLUG, ACCUMULATOR	1	1	1					
103	2	158553-51930	PLUG, M12	1	1	1					
104	2	22190-120002	WASHER, SEAL 12	1	1	1					
105	2	22190-180002	WASHER, SEAL 18	1	1	1					
106	2	158553-51770	BOLT	4	4	4					
109	2	158552-52311	O-RING, FEED PUMP	1	1	1					
110	2	158552-52400	O-RING, 4E S42	1	1	1					
111	2	22190-120002	WASHER, SEAL 12	2	2	2					
112	2	22190-180002	WASHER, SEAL 18	2	2	2					
113	2	22217-140000	WASHER, SPRING 14	1	1	1					
114	2	22312-050140	PIN, PARALLEL 5X14	2	2	2					
115	2	22351-050010	PIN, SPRING 5.0X10	2	2	2					
117	2	24311-000070	O-RING, 1AP7.0	1	1	1					
118	2	24356-190180	O-RING, 4D19018	1	1	1					
119	2	24356-190200	O-RING, 4D19020	1	1	1					
120	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1					
122	2	26450-080452	BOLT, M8X 45	4	4	4					
123	2	26776-140002	NUT, LOCK M14	1	1	1					

Fig.11. FUEL INJECTION PUMP



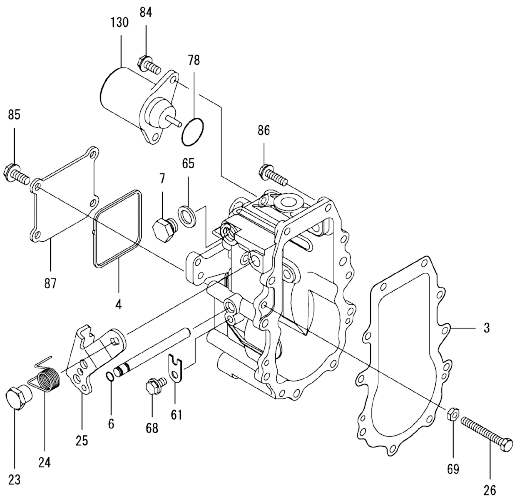
Remarks
(1)Governor(Fig.12) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
125	2	158552-52100	PUMP ASSY, FUEL FEED	1	1	1					
126	3	158552-52500	O-RING, PUMP INNER	1	1	1					
127	2	119934-59910	JOINT, PIPE	1	1	1					
128	2	22190-120002	WASHER, SEAL 12	1	1	1					
130	1	119802-51250	RETAINER, FUEL PUMP	1	1	1					
131	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1					
132	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1					

0CD11-M19002 ENGINE
Fig.12. GOVERNOR

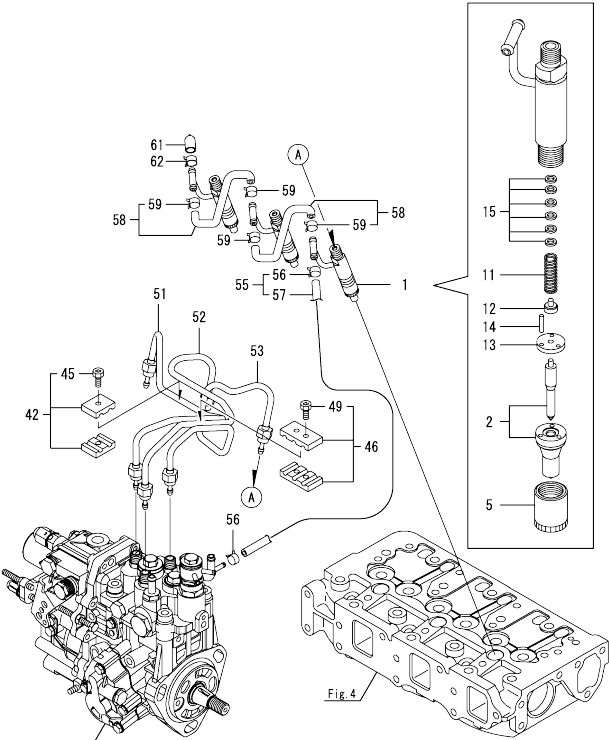


Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.11).

						0CD11-M19002 Fig.12					
						(A)=3TNV82A-BPYBD	(D)=				
						(B)=3TNV82A-BPYBC	(E)=				
						(C)=3TNV82A-BPYBU	(F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
3	2	158553-61050	GASKET, CASE	1	1	1					
4	2	158553-61070	GASKET, CASE	1	1	1					
6	2	129155-51280	O-RING, S6	1	1	1					
7	2	158553-51930	PLUG, M12	1	1	1					
23	2	129255-61410	NUT, CONTROL LEVER	1	1	1					
24	2	119807-61420	SPRING, RETURN	1	1	1					
25	2	158552-61441	LEVER, REGULATOR	1	1	1					
26	2	129155-61460	BOLT, IDLE LIMIT	1	1	1					
61	2	119660-61901	STOPPER, SHAFT	1	1	1					
65	2	22190-120002	WASHER, SEAL 12	1	1	1					
68	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1					
69	2	26756-060002	NUT, LOCK M6	1	1	1					
78	2	158552-61900	O-RING	1	1	1					
84	2	26106-060142	BOLT, M6X 14 PLATED	2	2	2					
85	2	26106-060142	BOLT, M6X 14 PLATED	4	4	4					
86	2	26106-060202	BOLT, M6X 20 PLATED	10	10	10					
87	2	129642-61060	COVER, GOVERNOR CASE	1	1	1					
130	2	119233-77932	SOLENOID, STOP	1	1	1					

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.

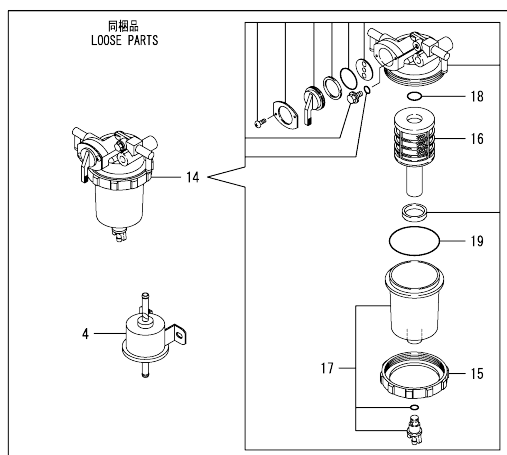
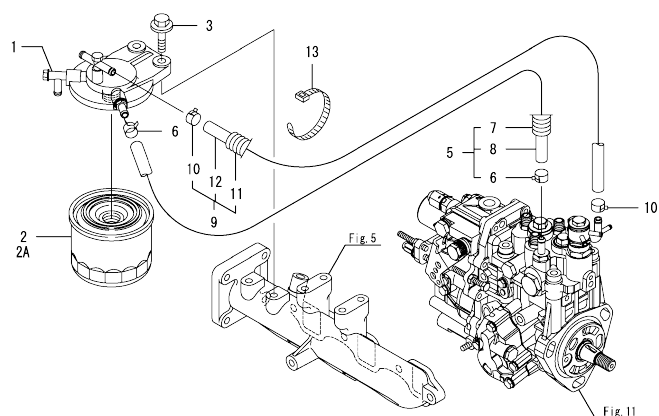
Fig.13. FUEL INJECTION VALVE



(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729246-53200	VALVE ASSY,INJECTION	3	3	3					
2	2	129246-53001	VALVE ASSY,INJECTION	3	3	3					
5	2	114250-53080	NUT, NOZZLE	3	3	3					
11	2	114250-53120	SPRING, NOZZLE	3	3	3					
12	2	114250-53130	SEAT, SPRING	3	3	3					
13	2	114250-53140	SPACER, VALVE STOP	3	3	3					
14	2	114250-53210	PIN, POSITIONING	6	6	6					
15	2	119803-53400	SHIM SET	3	3	3					
42	1	119305-59120	RETAINER, PIPE	1	1	1					
45	2	129150-59131	BOLT, M4X14	1	1	1					
46	1	129150-59120	RETAINER, PIPE	1	1	1					
49	2	129150-59131	BOLT, M4X14	2	2	2					
51	1	119803-59810	PIPE, FUEL INJECTION	1	1	1					
52	1	119803-59820	PIPE, FUEL INJECTION	1	1	1					
53	1	119803-59830	PIPE, FUEL INJECTION	1	1	1					
55	1	119802-59550	HOSE ASSY, RETURN	1	1	1					
56	2	124722-59050	CLAMP, HOSE 9	2	2	2					
57	2	119802-59560	HOSE, FUEL RETURN	1	1	1					
58	1	129486-59551	HOSE ASSY, RETURN	2	2	2					
59	2	124722-59050	CLAMP, HOSE 9	4	4	4					
61	1	119593-59581	CAP, RETURN PIPE	1	1	1					
62	1	124060-77680	CLAMP, HOSE 10	1	1	1					

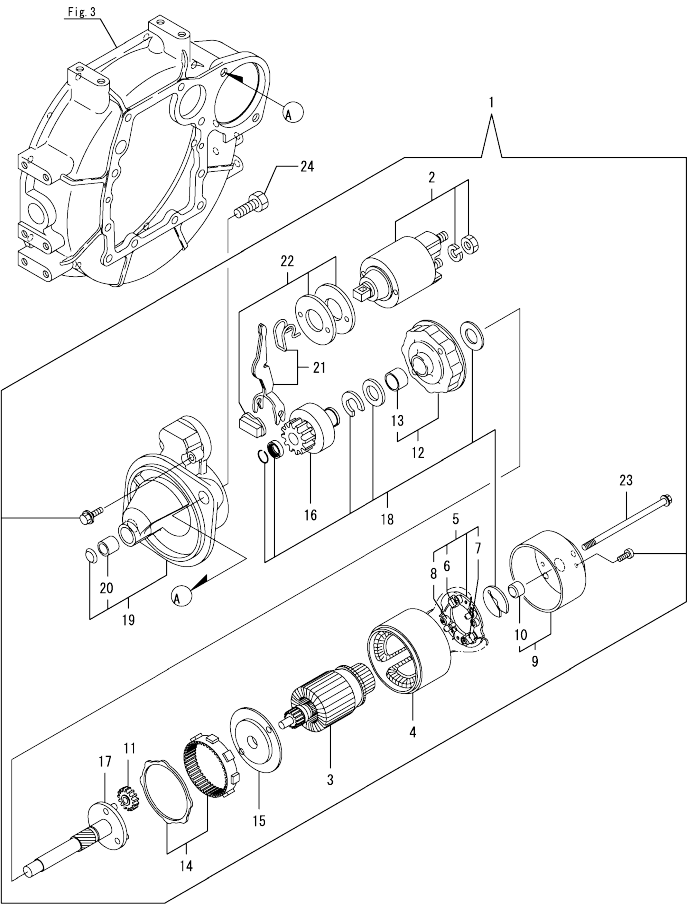


(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-55612	BRACKET, FILTER	1	1	1					
2	1	119802-55801	FILTER, FUEL	1		1					
2A	1	129004-55801	FILTER, FUEL			1					
3	1	26106-080302	BOLT, M8X 30 PLATED	2	2	2					
4	1	129612-52100	PUMP, FUEL FEED	1	1	1					
5	1	129044-59010	HOSE ASSY, D13XL220	1	1	1					
6	2	124766-59050	CLAMP, HOSE 11.5	2	2	2					
7	2	129044-59100	TUBE, CORRUGATED 15	1	1	1					
8	2	129044-59510	HOSE, FUEL L=220	1	1	1					
9	1	129630-59010	HOSE ASSY, FUEL	1	1	1					
10	2	124766-59050	CLAMP, HOSE 11.5	2	2	2					
11	2	129961-59110	TUBE, CORRUGATED 15	1	1	1					
12	2	105025-59560	HOSE, FUEL	1	1	1					
13	1	121750-59890	BAND, NYLON	1	1	1					
14	1	129906-55711	SEPARATOR ASSY,WATER	1	1	1					
15	2	129100-55690	NUT, RETAINING	1	1	1					
16	2	119802-55710	ELEMENT, FUEL	1	1	1					
17	2	119802-55730	CUP ASSY, SEPARATOR	1	1	1					
18	2	24311-000160	O-RING, 1AP16.0	1	1	1					
19	2	24321-000650	O-RING, 1AG65.0	1	1	1					

Fig.15. STARTER MOTOR

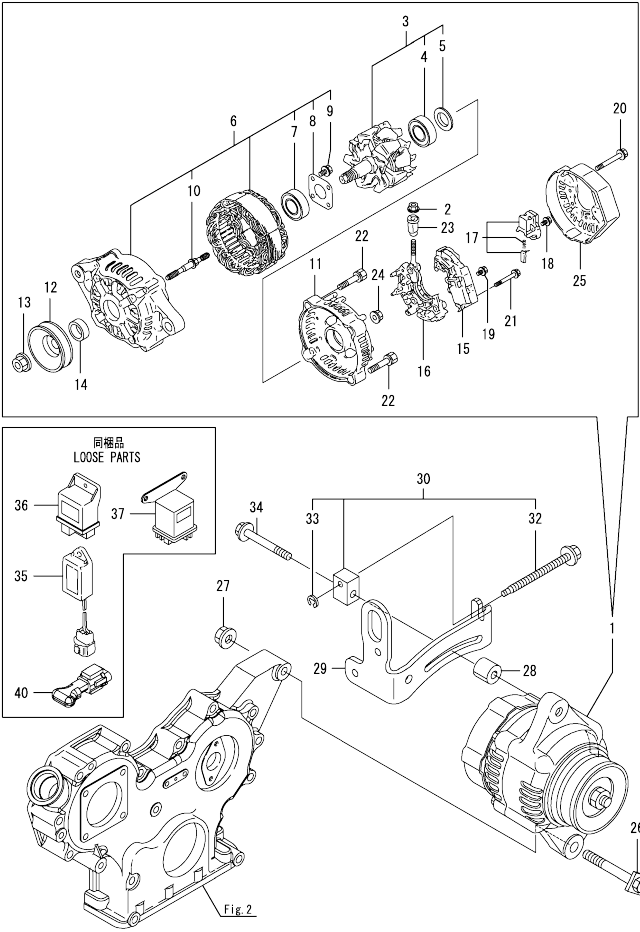


(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

(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	1	1					
2	2	129698-77020	SWITCH ASSY, MAGNET	1	1	1					
3	2	129242-77100	ARMATURE ASSY	1	1	1					
4	2	129242-77110	YOKE ASSY	1	1	1					
5	2	129242-77120	HOLDER ASSY, BRUSH	1	1	1					
6	3	129242-77130	BRUSH, -	2	2	2					
7	3	129242-77140	BRUSH SET	1	1	1					
8	3	129242-77150	SPRING, BRUSH	4	4	4					
9	2	129242-77160	COVER ASSY, STARTER	1	1	1					
10	3	129242-77170	METAL, REAR COVER	1	1	1					
11	2	118400-77170	GEAR, PLANETARY	3	3	3					
12	2	129242-77180	BRACKET, CENTER P	1	1	1					
13	3	129698-77190	BRACKET, CENTER	1	1	1					
14	2	129698-77200	GEAR, INTERNAL	1	1	1					
15	2	129242-77210	BRACKET, CENTER A	1	1	1					
16	2	129698-77220	PINION ASSY	1	1	1					
17	2	129698-77230	SHAFT, PINION	1	1	1					
18	2	129698-77250	WASHER SET	1	1	1					
19	2	129242-77260	CASE ASSY, GEAR	1	1	1					
20	3	X2114535200	METAL, STARTER	1	1	1					
21	2	129242-77270	LEVER SET, SHIFT	1	1	1					
22	2	129242-77280	COVER KIT, DUST	1	1	1					
23	2	124195-77770	BOLT, THROUGH	2	2	2					
24	1	26106-120252	BOLT, M12X 25 PLATED	2	2	2					

Fig.16. GENERATOR

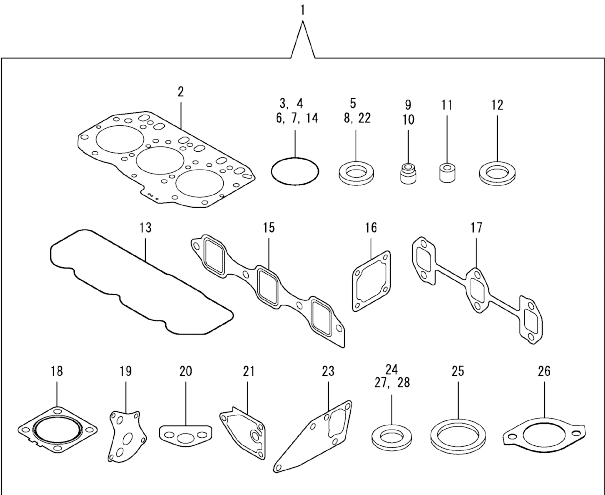


(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119626-77210	ALTERNATOR, 12V-55A	1	1						
2	2	X9490561001	NUT	1	1						
3	2	129052-77380	ROTOR ASSY	1	1						
4	3	123501-79240	BEARING, BALL	1	1						
5	3	119620-79250	COVER, BEARING	1	1						
6	2	129052-77422	FRAME ASSY	1	1						
7	3	119620-79200	BEARING, BALL	1	1						
8	3	119620-79210	PLATE, RETAINER	1	1						
9	3	119620-79220	SCREW	4	4						
10	3	119620-79230	STUD	2	2						
11	2	128401-77440	COVER, END	1	1						
12	2	119620-77461	PULLEY, GENERATOR	1	1						
13	2	119620-77471	NUT	1	1						
14	2	119620-77490	COLLAR	1	1						
15	2	129423-77710	REGULATOR ASSY	1	1						
16	2	129052-79260	HOLDER ASSY	1	1						
17	2	129052-79270	HOLDER ASSY, BRUSH	1	1						
18	2	119620-79290	SCREW	6	6						
19	2	119620-79300	SCREW	1	1						
20	2	119620-79310	BOLT	3	3						
21	2	119620-79320	SCREW, W/WASHER	2	2						
22	2	119620-79330	BOLT	2	2						
23	2	119620-79340	BUSH, INSULATION	1	1						
24	2	119620-79350	NUT	2	2						
25	2	119626-77450	COVER, END	1	1						
26	1	119740-77251	BOLT, M10X80	1	1						
27	1	26306-100002	NUT, M10	1	1						
28	1	124732-77340	SPACER, ADJUSTER	1	1						
29	1	119935-77350	ADJUSTER, BELT	1	1						
30	1	129630-77350	BLOCK ASSY, ADJUSTER	1	1						
32	2	129630-77380	BOLT, M8X100	1	1						
33	2	22272-000050	RING, E- 5	1	1						
34	1	26106-080652	BOLT, M8X 65 PLATED	1	1						
35	1	129211-77920	TIMER, SECTION 1	1	1						
36	1	119802-77200	RELAY, SAFETY	1	1						
37	1	119650-77911	RELAY ASSY, GLOW	1	1						
40	1	129C00-77300	RESISTOR, MOLDED	1	1						

Fig.17. GASKET SET



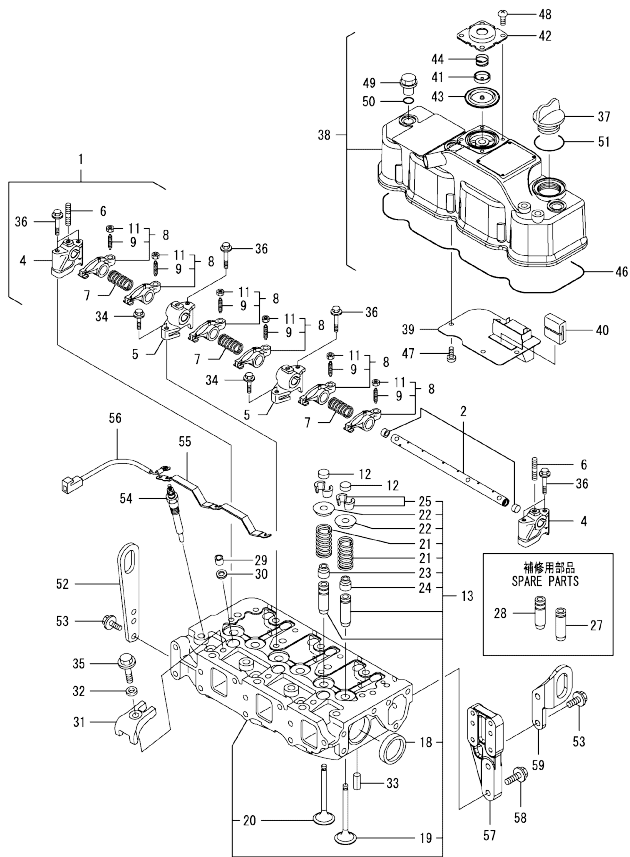
Remarks
(1)Optional parts.

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-92700	GASKET SET	1	1	1					1
2	2	119812-01330	GASKET, HEAD	1	1	1					
3	2	119609-32040	O-RING, P16	2	2	2					
4	2	121850-51960	O-RING, FUEL PUMP	1	1	1					
5	2	22190-080002	WASHER, SEAL 8	7	7	7					
6	2	24311-000320	O-RING, 1AP32.0	2	2	2					
7	2	24341-000240	O-RING, 1AS24.0	1	1	1					
8	2	22190-220002	WASHER, SEAL 22	1	1	1					
9	2	119803-11340	SEAL, VALVE STEM	3	3	3					
10	2	124160-11340	SEAL, VALVE STEM	3	3	3					
11	2	119802-11870	PROTECTOR, NOZZLE	3	3	3					
12	2	119625-11880	SEAT, NOZZLE	3	3	3					
13	2	119802-11310	GASKET, BONNET	1	1	1					
14	2	24311-000120	O-RING, 1AP12.0	3	3	3					
15	2	119810-12112	GASKET, MANIFOLD	1	1	1					
16	2	129150-77511	GASKET, AIR HEATER	1	1	1					
17	2	119810-13110	GASKET, MANIFOLD	1	1	1					
18	2	129004-13200	GASKET, SILENCER	1	1	1					
19	2	129150-32020	GASKET, PUMP	1	1	1					
20	2	129150-35042	GASKET, INLET PIPE	1	1	1					
21	2	129150-35111	GASKET, BRACKET	1	1	1					
22	2	22190-100002	WASHER, SEAL 10	2	2	2					
23	2	129486-42050	GASKET, WATER PUMP	1	1	1					
24	2	23414-080000	GASKET, 8X1.0	1	1	1					
25	2	129150-49811	GASKET, THERMOSTAT	1	1	1					
26	2	129795-49551	GASKET, COVER	1	1	1					
27	2	124465-44950	GASKET, 16	2	2	2					
28	2	129150-49360	GASKET, 10	1	1	1					

Fig.18. (4A)CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119802-11241	SHAFT ASSY, ARM							1	
2	2	119802-11251	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	119802-11650	ARM ASSY, ROCKER							6	
9	3	129150-11230	SCREW, VALVE ADJUST							6	
11	3	129150-11750	NUT, M8X1.0							6	
12	1	104211-11370	CAP, VALVE							6	
13	1	119803-11700	HEAD ASSY, CYLINDER							1	
18	2	27241-400000	PLUG, 40							2	
19	2	119802-11100	VALVE, INTAKE							3	
20	2	119802-11110	VALVE, EXHAUST							3	
21	2	119810-11120	SPRING, VALVE							6	
22	2	104211-11180	RETAINER, SPRING							6	
23	2	119803-11340	SEAL, VALVE STEM							3	
24	2	124160-11340	SEAL, VALVE STEM							3	
25	2	27310-070001	COTTER, 7							6	
27	1	124060-11800	GUIDE, VALVE							3	1
28	1	119802-11810	GUIDE, VALVE							3	1
29	1	119802-11870	PROTECTOR, NOZZLE							3	
30	1	119625-11880	SEAT, NOZZLE							3	
31	1	119802-11900	RETAINER, NOZZLE							3	
32	1	120270-54410	WASHER, INJECTOR							3	
33	1	22351-060012	PIN, SPRING 6.0X12							2	
34	1	26106-080252	BOLT, M8X 25 PLATED							2	
35	1	26106-080452	BOLT, M8X 45 PLATED							3	
36	1	26106-080502	BOLT, M8X 50 PLATED							6	
37	1	124160-01751	CAP, FILLER							1	
38	1	119802-11350	BONNET ASSY, HEAD							1	
39	2	119802-03010	PLATE, BAFFLE							1	
40	2	129150-03070	BAFFLE, BREATHER							1	
41	2	119802-03110	PLATE, DIAPHRAGM							1	
42	2	119802-03121	COVER, DIAPHRAGM							1	
43	2	119802-03130	DIAPHRAGM, BREATHER							1	
44	2	119802-03141	SPRING, DIAPHRAGM							1	
46	2	119802-11310	GASKET, BONNET							1	
47	2	22857-500100	SCREW, 5X10							4	
48	2	22857-500100	SCREW, 5X10							4	
49	1	124160-11360	KNOB, BONNET							3	
50	1	24311-000120	O-RING, 1AP12.0							3	
51	1	24311-000320	O-RING, 1AP32.0							1	
52	1	129900-07900	LIFTER, ENGINE							1	
53	1	26106-080162	BOLT, M8X 16 PLATED							4	
54	1	129008-77800	PLUG, GLOW							3	
55	1	119803-77821	CONNECTOR, GLOW PLUG							1	
56	1	119803-77830	HARNES, WIRE							1	
57	1	129C01-07910	SPACER, LIFTER							1	
58	1	26106-080252	BOLT, M8X 25 PLATED							2	
59	1	119718-07900	LIFTER							1	

N:Old, $\frac{NBS}{100}$ New, Q:Old, $\frac{QBS}{100}$ New, R:Old, $\frac{RBS}{100}$ New, S:Old, $\frac{SBS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++ Copyright (C) 2015 YANMAR GLOBAL CS CO., LTD. All Rights Reserved.



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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
59-1	1	119718-07920	LIFTER (C-EH4917)			1					R

Fig.19. (16A)GENERATOR

(A)=3TNV82A-BPYBD
(B)=3TNV82A-BPYBC
(C)=3TNV82A-BPYBU

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119626-77210	ALTERNATOR, 12V-55A			1					
2	2	X9490561001	NUT			1					
3	2	129052-77380	ROTOR ASSY			1					
4	3	123501-79240	BEARING, BALL			1					
5	3	119620-79250	COVER, BEARING			1					
6	2	129052-77422	FRAME ASSY			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	128401-77440	COVER, END			1					
12	2	119620-77461	PULLEY, GENERATOR			1					
13	2	119620-77471	NUT			1					
14	2	119620-77490	COLLAR			1					
15	2	129423-77710	REGULATOR ASSY			1					
16	2	129052-79260	HOLDER ASSY			1					
17	2	129052-79270	HOLDER ASSY, BRUSH			1					
18	2	119620-79290	SCREW			6					
19	2	119620-79300	SCREW			1					
20	2	119620-79310	BOLT			3					
21	2	119620-79320	SCREW, W/WASHER			2					
22	2	119620-79330	BOLT			2					
23	2	119620-79340	BUSH, INSULATION			1					
24	2	119620-79350	NUT			2					
25	2	119626-77450	COVER, END			1					
26	1	119740-77251	BOLT, M10X80			1					
27	1	26306-100002	NUT, M10			1					
28	1	119940-77270	SPACER, GENERATOR			1					
29	1	119935-77360	ADJUSTER, BELT			1					
30	1	129630-77350	BLOCK ASSY, ADJUSTER			1					
32	2	129630-77380	BOLT, M8X100			1					
33	2	22272-000050	RING, E- 5			1					
34	1	26106-080452	BOLT, M8X 45 PLATED			1					
35	1	26106-080652	BOLT, M8X 65 PLATED			1					
36	1	129211-77920	TIMER, SECTION 1			1					
37	1	119802-77200	RELAY, SAFETY			1					
38	1	119650-77911	RELAY ASSY, GLOW			1					
41	1	129C00-77300	RESISTOR, MOLDED			1					
42	1	128300-77920	TIMER, GLOW PLUG			1					W
43	1	129927-77930	RELAY, ISO 40A (C=ED2414)			1					W
44	1	129927-77910	BRACKET, CONNECTOR (C=ED8382)			1					W

Parts No. Index

Parts No.	Fig. No.	Ref. No.
104211-11180	4	22
	18	22
104211-11370	4	12
	18	12
105025-59560	14	12
114250-39450	9	31
114250-53080	13	5
114250-53120	13	11
114250-53130	13	12
114250-53140	13	13
114250-53210	13	14
118400-77170	15	11
119005-35151	9	29 A
119131-18320	6	5
119233-77932	12	130
119305-59120	13	42
119593-59581	13	61
119609-32040	2	9
	17	3
119620-01750	3	3
119620-02020	1	9
119620-77461	16	12
	19	12
119620-77471	16	13
	19	13
119620-77490	16	14
	19	14
119620-79200	16	7
	19	7
119620-79210	16	8
	19	8
119620-79220	16	9
	19	9
119620-79230	16	10
	19	10
119620-79250	16	5
	19	5
119620-79290	16	18
	19	18
119620-79300	16	19
	19	19
119620-79310	16	20
	19	20
119620-79320	16	21
	19	21
119620-79330	16	22
	19	22
119620-79340	16	23
	19	23
119620-79350	16	24

Parts No.	Fig. No.	Ref. No.
119620-79350	19	24
119625-11880	4	30
	17	12
	18	30
119626-77210	16	1
	19	1
119626-77450	16	25
	19	25
119650-77911	16	37
	19	38
119660-61901	12	61
119717-02930	1	15
119718-07900	18	59
119718-07920	18	59 -1
119740-77251	16	26
	19	26
119802-01561	2	5
119802-03010	4	39
	18	39
119802-03090	5	1
119802-03110	4	41
	18	41
119802-03121	4	42
	18	42
119802-03130	4	43
	18	43
119802-03141	4	44
	18	44
119802-11100	4	19
	18	19
119802-11110	4	20
	18	20
119802-11241	4	1
	18	1
119802-11251	4	2
	18	2
119802-11260	4	4
	18	4
119802-11270	4	5
	18	5
119802-11280	4	6
	18	6
119802-11310	4	46
	17	13
	18	46
119802-11350	4	38
	18	38
119802-11650	4	8
	18	8
119802-11810	4	28

Parts No.	Fig. No.	Ref. No.
119802-11810	18	28
119802-11870	4	29
	17	11
	18	29
119802-11900	4	31
	18	31
119802-12130	5	4
119802-13129	6	2
119802-14580	7	3
119802-21650	8	8
119802-22500	8	17
119802-22950	8	34
119802-25071	7	13
119802-25101	7	10
119802-25901	7	16
119802-34802	9	16
119802-35100	9	24
119802-35110	9	25
119802-39450	9	33
119802-42001	10	1
119802-49610	10	36
119802-49620	10	41
119802-49711	10	37
119802-49721	10	42
119802-49730	10	38
119802-51090	11	13
119802-51250	11	130
119802-51560	11	59
119802-51590	11	65
119802-51600	11	66
119802-51680	11	70
119802-51690	11	71
119802-55710	14	16
119802-55730	14	17
119802-55801	14	2
119802-59320	10	40
119802-59550	13	55
119802-59560	13	57
119802-77200	16	36
	19	37
119803-01520	2	4
119803-11340	4	23
	17	9
	18	23
119803-11700	4	13
	18	13
119803-21000	8	1
119803-21200	8	4
119803-22080	8	15
119803-22900	8	32

Parts No.	Fig. No.	Ref. No.
119803-25050	7	9
119803-53400	13	15
119803-59810	13	51
119803-59820	13	52
119803-59830	13	53
119803-77520	5	7
119803-77821	4	55
	18	55
119803-77830	4	56
	18	56
119807-61420	12	24
119810-01200	1	27
119810-01730	3	6
119810-02871	1	32
119810-02941	1	35
119810-11120	4	21
	18	21
119810-12112	5	3
	17	15
119810-13110	6	1
	17	17
119810-14400	7	2
119810-23200	8	26
119810-23601	8	27
119810-23611	8	30
119810-23910	8	29
119810-35300	9	19
119810-42051	10	3
119810-42120	10	4
119810-42281	10	8
119810-42290	10	9
119812-01330	1	28
	17	2
119813-22300	8	21
119823-01780	3	8
119823-44760	10	24
119865-21600	8	14
119934-01800	2	3
119934-59910	11	127
119935-77350	4	59
	16	29
119935-77360	19	29
119940-35800	9	40
119940-77270	19	28
120270-54410	4	32
	18	32
121023-01551	2	19
121111-21501	8	11
121250-44901	10	33
121267-44741	10	23

Parts No. Index

Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.
121400-01640	3	9	129004-55612	14	1	129150-59131	13	45	129698-77250	15	18
121450-42450	10	52	129004-55801	14	2 A			49	129792-22400	8	22
121450-44531	10	46	129005-59830	9	34	129150-77511	5	6	129795-01780	3	17
121468-44520	10	44	129008-51390	11	41		17	16	129795-01950	2	8
121470-44581	10	48	129008-51900	11	11	129155-49801	10	26	129795-02412	1	12
121520-34810	9	17	129008-51920	11	12	129155-51280	12	6	129795-21661	8	9
121750-59890	14	13	129008-77800	4	54	129155-61460	12	26	129795-49551	10	29
121850-21680	8	10		18	54	129211-77920	16	35		17	26
121850-51960	2	10	129044-59010	14	5		19	36	129900-07900	4	52
	17	4	129044-59100	14	7	129242-77010	15	1		18	52
123501-79240	16	4	129044-59510	14	8	129242-77100	15	3	129906-55711	14	14
	19	4	129052-77380	16	3	129242-77110	15	4	129927-77910	19	44
123900-13610	6	3		19	3	129242-77120	15	5	129927-77930	19	43
123900-13630	6	4	129052-77422	16	6	129242-77130	15	6	129961-59110	14	11
124060-01050	1	4		19	6	129242-77140	15	7	129C00-77300	16	40
124060-11800	4	27	129052-79260	16	16	129242-77150	15	8		19	41
	18	27		19	16	129242-77160	15	9	129C01-07910	4	57
124060-77680	13	62	129052-79270	16	17	129242-77170	15	10		18	57
124160-01751	2	6		19	17	129242-77180	15	12	129E00-13640	6	4 -1
	4	37	129054-42320	10	11	129242-77210	15	15	158552-51151	7	17
	18	37	129100-01580	3	1	129242-77260	15	19	158552-51571	11	60
124160-01910	1	6			14	129242-77270	15	21			61
		7		8	2	129242-77280	15	22	158552-51580	11	64
124160-11340	4	24	129100-01640	3	15	129246-53001	13	2	158552-51600	11	74
	17	10	129100-35140	9	26	129255-61410	12	23	158552-51670	11	6
	18	24	129100-55690	14	15	129350-49530	10	28	158552-51781	11	100
124160-11360	4	49	129150-02450	7	4	129410-03990	5	2	158552-52100	11	125
	18	49	129150-03070	4	40	129423-77710	16	15	158552-52311	11	109
124160-39140	9	32		18	40		19	15	158552-52400	11	110
124195-77770	15	23	129150-11230	4	9	129486-01670	3	18	158552-52500	11	126
124240-01871	2	7		18	9	129486-42050	10	16	158552-61441	12	25
124450-44560	10	47	129150-11280	4	7		17	23	158552-61900	12	78
124465-44950	10	34		18	7	129486-59551	13	58	158553-51551	11	4
		35	129150-11750	4	11	129489-21590	8	12	158553-51630	11	75
		53		18	11	129556-42350	10	22	158553-51650	11	77
	17	27	129150-14101	7	6	129612-01600	3	2	158553-51660	11	78
124722-59050	10	39	129150-14200	7	1	129612-42350	10	31	158553-51670	11	69
		43	129150-25301	7	15	129612-42380	10	31 A	158553-51680	11	79
	13	56	129150-32020	9	14	129612-52100	14	4	158553-51770	11	106
		59		17	19	129630-59010	14	9	158553-51930	11	103
124732-77340	16	28	129150-35042	9	18	129630-77350	16	30		12	7
124766-59050	14	6		17	20		19	30	158553-61050	12	3
		10	129150-35111	9	27	129630-77380	16	32	158553-61070	12	4
128300-77920	19	42		17	21		19	32	158557-51570	11	62
128401-77440	16	11	129150-35153	9	29	129642-61060	12	87	158563-51281	11	39
	19	11	129150-49360	10	50	129698-77020	15	2			40
129001-01250	1	5		17	28	129698-77190	15	13	158563-51330	11	50
129001-32002	9	1	129150-49811	10	27	129698-77200	15	14	158600-51270	11	38
129004-13200	6	7		17	25	129698-77220	15	16	158601-51550	11	58
	17	18	129150-59120	13	46	129698-77230	15	17	158601-51570	11	63

Parts No. Index

Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.	Parts No.	Fig. No.	Ref. No.
158601-51650	11	5	24341-000240	2	20	26106-080652	19	35			
158601-51770	11	99		17	7	26106-080802	5	9			
158601-51790	11	101	24356-190180	11	118	26106-080852	2	16			
171031-11741	2	22	24356-190200	11	72	26106-120252	15	24			
171051-01921	1	8			119	26206-100252	3	4			
171056-49120	10	51	24372-000150	11	73	26206-100302	3	5			
22190-080002	2	11	26106-060102	11	120	26306-080002	2	18			
	9	35		12	68		6	6			
		37	26106-060122	10	32	26306-100002	16	27			
	17	5	26106-060142	10	14		19	27			
22190-100002	9	38		12	84	26366-060002	9	39			
	17	22			85	26450-060252	9	15			
22190-120002	11	104	26106-060162	2	21	26450-080452	11	122			
		111	26106-060202	10	15	26756-060002	12	69			
		128			25	26776-140002	11	123			
	12	65		12	86	27241-120000	1	13			
22190-180002	11	105	26106-080122	10	18	27241-300000	1	14			
		112	26106-080142	7	8	27241-400000	4	18			
22190-220002	17	8	26106-080162	2	13		18	18			
22217-140000	11	113			17	27310-070001	4	25			
22272-000050	16	33		3	12		18	25			
	19	33		4	53	719802-01560	1	1			
22312-050140	11	114			60	719802-92700	17	1			
22351-030010	8	7		11	131	719810-02981	1	29			
22351-050010	11	115		18	53	719810-23100	8	23			
22351-060012	4	33	26106-080202	5	8	719935-51380	11	1			
	18	33		9	30	729246-53200	13	1			
22512-070140	7	7		11	132	729630-01500	2	1			
	8	5	26106-080222	10	30	X2114535200	15	20			
22857-500100	4	47	26106-080252	4	34	X9490561001	16	2			
		48			58		19	2			
	18	47		5	5						
		48		18	34						
23065-070130	10	49			58						
23414-080000	10	17	26106-080302	2	14						
	17	24		14	3						
23857-030000	9	36	26106-080352	3	19						
23876-030000	10	13		9	23						
24311-000070	11	117		10	19						
24311-000120	4	50	26106-080402	7	14						
	17	14	26106-080452	3	13						
	18	50		4	35						
24311-000160	14	18		18	35						
24311-000180	3	11		19	34						
24311-000320	2	12	26106-080502	4	36						
		23		10	20						
	4	51		18	36						
	17	6	26106-080552	2	15						
	18	51		10	21						
24321-000650	14	19	26106-080652	16	34						