

0CV10-M95200EN

PREFACE

- 1.This Parts Catalog carries all parts incorporated in YANMAR Model 3TNV88-GKM engine manufactured since March, 2004.
- 2.Each illustration corresponds to the parts list on the following page.
- 3.When ordering parts,clearly write down the engine model and serial number,as well as the name and number of each part in your order sheet. This will help insure reliable delivery of the parts you have ordered.

Directions for the Parts Catalog.

- 1.The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
- 2.Parts may change without prior notice.
- 3.The following is an example of the Parts Catalog format.

OCF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)										
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1	N	1
		(A=E00185) (B=E00200)								
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9		
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4	K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)								
4	2	129470-51040	CAMSHAFT	1	1	1	1	1		
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2		
6	2	129470-51060	RETAINER	1	1	1	1	1		

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1 1 (Before change) → 1-1 (After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ---- Main parts (Assembly parts)

2 ---- Sub component included in " 1 ".

3 ---- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{No}}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{Yes}}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New $\xrightarrow{\text{Yes}}$ New	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New $\xrightarrow{\text{No}}$ New	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

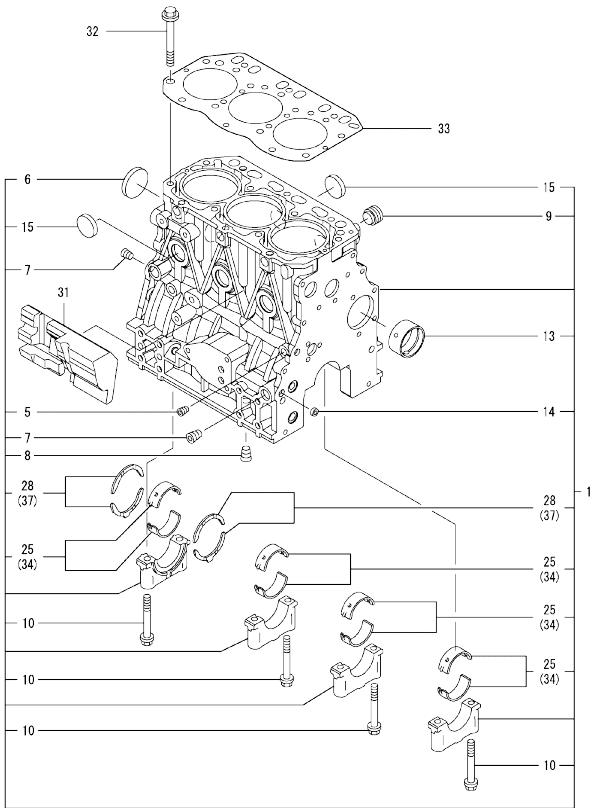
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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0CV10-M95200

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3.	MOUNTING FLANGE & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB.OIL SYSTEM		
9.	COOLING SEA WATER SYSTEM		
10.	COOLING FRESH WATER SYSTEM		
11.	COOLING FRESH WATER COOLER		
12.	FUEL INJECTION PUMP		
13.	FUEL INJECTION VALVE		
14.	FUEL LINE		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	GASKET SET		
18.	FUEL INJECTION PUMP(INNER PARTS)		
19.	GOVERNOR (INNER PARTS)		

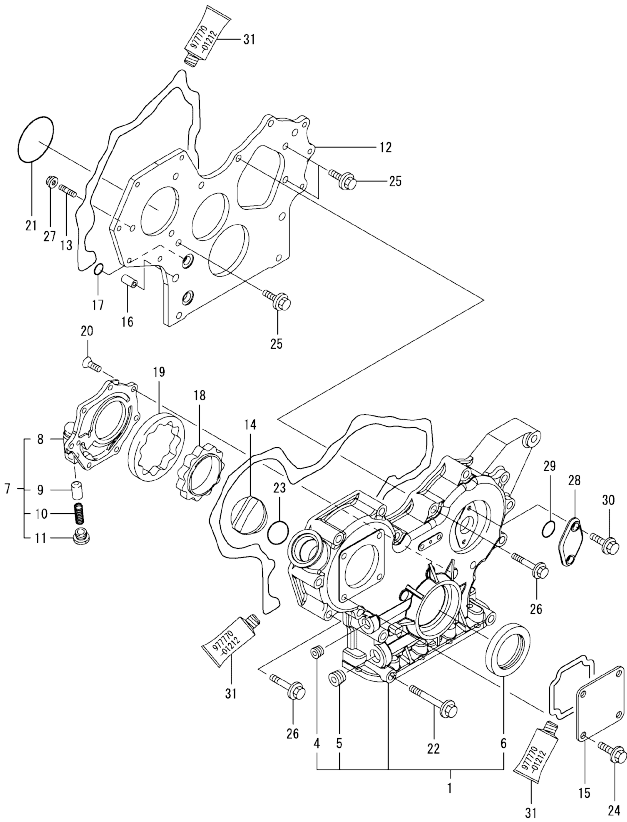
Fig.1. CYLINDER BLOCK



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729005-01560	BLOCK ASSY, CYLINDER	1							
5	2	124060-01050	PLUG, PT1/8	1							
6	2	129001-01250	PLUG, 50	1							
7	2	124160-01910	PLUG, PT1/4	2							
8	2	124160-01910	PLUG, PT1/4	1							
9	2	171051-01921	PLUG, NPTF1	1							
10	2	129150-02020	BOLT, METAL CAP	8							
13	2	129795-02411	BUSH, CAMSHAFT	1							
14	2	27241-120000	PLUG, 12	2							
15	2	27241-300000	PLUG 30	6							
25	2	129001-02930	BEARING, MAIN	4							3
28	2	129150-02930	BEARING, THRUST	2							
31	1	129004-01190	SPACER	1							
32	1	129150-01200	BOLT, HEAD	14							
33	1	129001-01340	GASKET, HEAD	1							
34	1	129150-02870	BEARING, 0.25 US	4							1
37	1	129150-02940	BEARING, THRUST 0.25	1							2

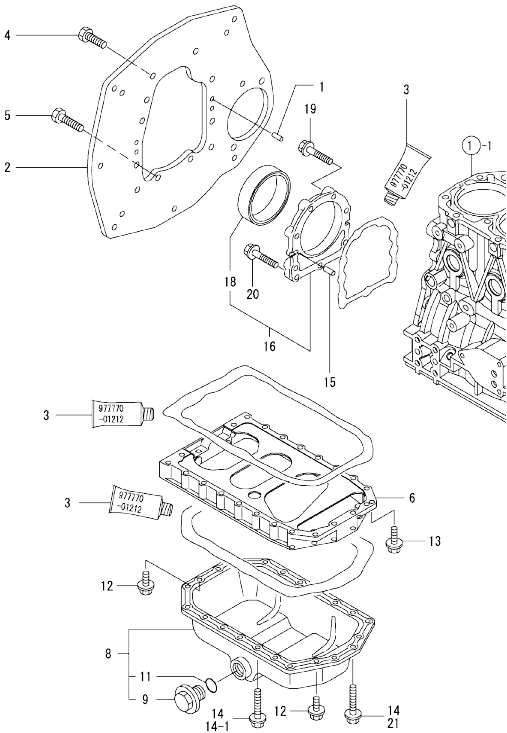
Fig.2. GEAR HOUSING



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719802-01500	CASE ASSY, GEAR	1							
4	2	23876-030000	PLUG, R03	1							
5	2	23876-040000	PLUG, R04	1							
6	2	129795-01800	SEAL, OIL	1							
7	1	119802-32100	COVER ASSY	1							
8	2	119802-32070	COVER	1							
9	2	129900-32130	VALVE, RELIEF	1							
10	2	129418-32320	SPRING	1							
11	2	129001-32330	PLUG	1							
12	1	119802-01520	FLANGE, GEAR CASE	1							
13	1	119802-01560	STUD, M8X25	3							
14	1	124160-01751	COVER, FILLER	1							
15	1	124240-01871	COVER	1							
16	1	129795-01950	PIPE, KNOCK L=18	2							
17	1	119609-32040	O-RING, P16	4							
18	1	119802-32111	ROTOR, INNER	1							
19	1	119802-32120	ROTOR, OUTER	1							
20	1	119802-32130	SCREW, M6X16	7							
21	1	121850-51960	O-RING	1							
22	1	129001-91841	BOLT, M8X85	3							
23	1	24311-000320	O-RING, 1AP32.0	1							
24	1	26106-080162	BOLT, M8X 16 PLATED	4							
25	1	26106-080162	BOLT, M8X 16 PLATED	3							
26	1	26106-080552	BOLT, M8X 55 PLATED	12							
27	1	26306-080002	NUT, M8	3							
28	1	121023-01550	COVER	1							
29	1	24341-000240	O-RING, 1AS24.0	1							
30	1	26106-060162	BOLT, M6X 16 PLATED	2							
31	1	977770-01212	GASKET, LIQUID	1							1

Fig.3. MOUNTING FLANGE & OIL SUMP



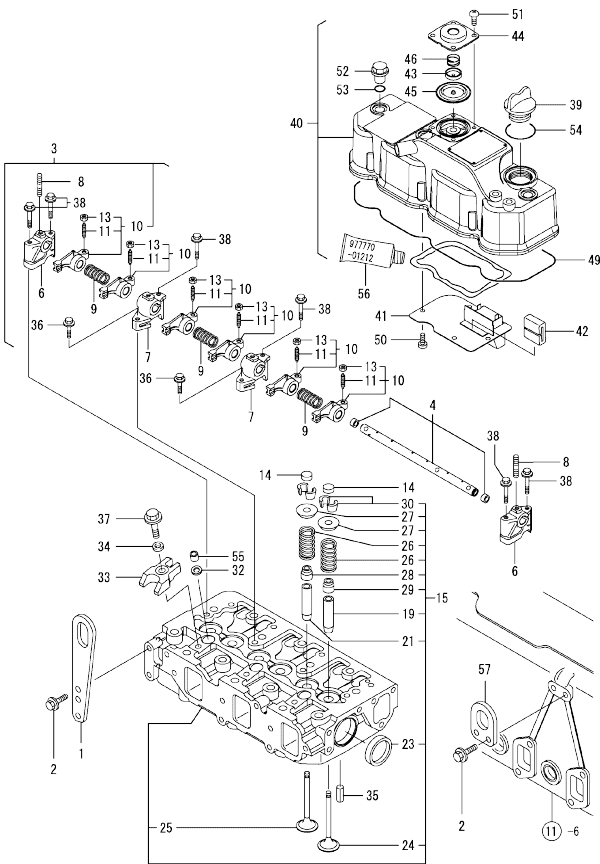
Remarks
(1) OPTIONAL PART.

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

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

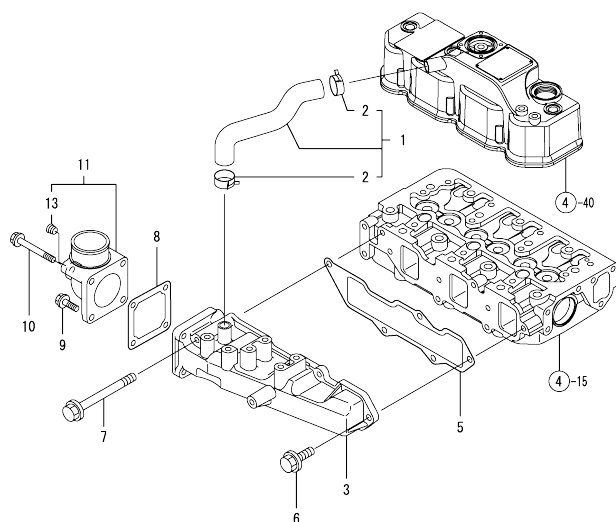
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	129176-01601	FLANGE, MOUNTING	1							
3	1	977770-01212	GASKET, LIQUID	1							1
4	1	26206-100202	BOLT, M10X 20 PLATED	6							
5	1	26206-100252	BOLT, M10X 25 PLATED	4							
6	1	129100-01730	SPACER, OIL SUMP	1							
8	1	129175-01770	SUMP ASSY, OIL	1							
9	2	171301-01640	PLUG, 22	1							
11	2	24341-000250	O-RING, 1AS25.0	1							
12	1	26106-080162	BOLT, M8X 16 PLATED	4							
13	1	26106-080252	BOLT, M8X 25 PLATED	2							
14	1	26106-080452	BOLT, M8X 45 PLATED	20							
14-1	1	26106-080452	BOLT, M8X 45 PLATED	16							K
(A=FROM 1ST)											
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							
21	1	26106-080502	BOLT, M8X 50 PLATED	4							W
(A=FROM 1ST)											

OCV10-M95200 ENGINE SECTION (3TNV88-GKM)
Fig.4. CYLINDER HEAD & BONNET



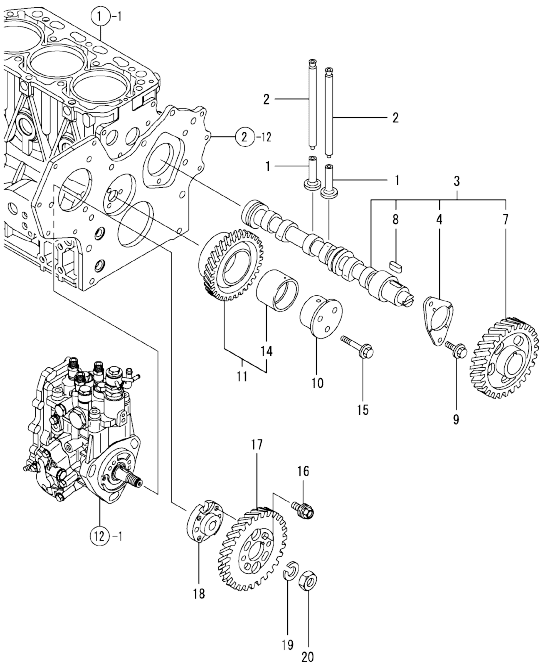
Remarks
(1) REPAIR PART.
(2) OPTIONAL PART.

										OCV10-M95200 Fig.4	
										(A)=3TNV88-GKM (B)= (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-07900	LIFTER	1							
2	1	26106-080162	BOLT, M8X 16 PLATED	4							
3	1	129004-11241	SHAFT ASSY, ROCKER	1							
4	2	129004-11251	SHAFT, ROCKER ARM	1							
6	2	119802-11260	SUPPORT, ROCKER ARM	2							
7	2	119802-11270	SUPPORT, ROCKER ARM	2							
8	2	119802-11280	STUD	3							
9	2	129150-11280	SPRING	3							
10	2	129004-11650	ARM, ROCKER	6							
11	3	129150-11230	SCREW, VALVE ADJUST	6							
13	3	129150-11750	NUT, M8	6							
14	1	129150-11370	CAP. VALVE	6							
15	1	129004-11700	HEAD ASSY, CYLINDER	1							
19	2	120130-11860	GUIDE, VALVE	3							1
21	2	129150-11810	GUIDE, VALVE	3							1
23	2	27241-400000	PLUG, 40	2							
24	2	129004-11100	VALVE, INTAKE	3							
25	2	129100-11110	VALVE, EXHAUST	3							
26	2	129795-11120	SPRING, VALVE	6							
27	2	129795-11180	RETAINER, SPRING	6							
28	2	121400-11340	SEAL, VALVE STEM	3							
29	2	124460-11340	SEAL, VALVE STEM	3							
30	2	27310-080001	COTTER, 8	6							
32	1	119625-11880	SEAT, NOZZLE	3							
33	1	129004-11900	RETAINER, NOZZLE	3							
34	1	120270-54410	WASHER, INJECTOR	3							
35	1	22351-060012	PIN, SPRING 6.0X12	2							
36	1	26106-080252	BOLT, M8X 25 PLATED	2							
37	1	26106-080352	BOLT, M8X 35 PLATED	3							
38	1	26106-080502	BOLT, M8X 50 PLATED	6							
39	1	124160-01751	COVER, FILLER	1							
40	1	129004-11350	BONNET ASSY, HEAD	1							
41	2	129004-03010	PLATE	1							
42	2	129150-03070	BAFFLE, BREATHER	1							
43	2	119802-03110	PLATE	1							
44	2	119802-03120	COVER, DIAPHRAGM	1							
45	2	119802-03130	DIAPHRAGM	1							
46	2	119802-03140	SPRING, DIAPHRAGM	1							
49	2	129004-11310	GASKET, BONNET	1							
50	2	22857-500100	SCREW, 5X10	4							
51	2	22857-500100	SCREW, 5X10	4							
52	1	124160-11360	KNOB	3							
53	1	24311-000120	O-RING, 1AP12.0	3							
54	1	24311-000320	O-RING, 1AP32.0	1							
55	1	119802-11870	PROTECTOR, NOZZLE	3							
56	1	977770-01212	GASKET, LIQUID	1							2
57	1	129470-07230	LIFTER	1							



				0CV10-M95200 Fig.5							
				(A)=3TNV88-GKM	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129004-03080	PIPE , BREATHER	1							
2	2	129410-03990	CLAMP 22	2							
3	1	129004-12100	MANIFOLD, AIR INTAKE	1							
5	1	129001-12110	GASKET, MANIFOLD	1							
6	1	26106-080202	BOLT, M8X 20 PLATED	4							
7	1	26106-080802	BOLT, M8X 80 PLATED	1							
8	1	129150-77511	GASKET	1							
9	1	26106-080202	BOLT, M8X 20 PLATED	2							
10	1	26106-080652	BOLT, M8X 65 PLATED	2							
11	1	129649-12210	JOINT ASSY								
13	2	23876-010000	PLUG, R01	1							

Fig.6. CAMSHAFT & DRIVING GEAR



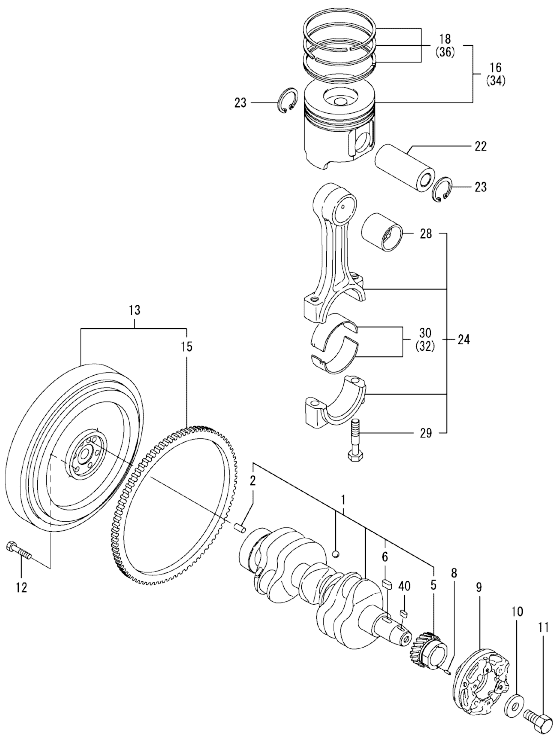
(A)=3TNV88-GKM
(B)=
(C)=

(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	129004-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	26106-080142	BOLT, M8X 14 PLATED	2							
10	1	119802-25051	SHAFT, IDLE	1							
11	1	119802-25100	GEAR ASSY, IDLE	1							
14	2	119802-25070	BUSH, IDLE GEAR	1							1
15	1	26106-080402	BOLT, M8X 40 PLATED	3							
16	1	129150-25301	BOLT	4							
17	1	119802-25901	GEAR, PUMP	1							
18	1	158552-51151	FLANGE	1							
19	1	22217-140000	WASHER, SPRING 14	1							
20	1	26776-140002	NUT, LOCK M14	1							

Remarks
(1) REPAIR PART.

Fig.7. CRANKSHAFT & PISTON



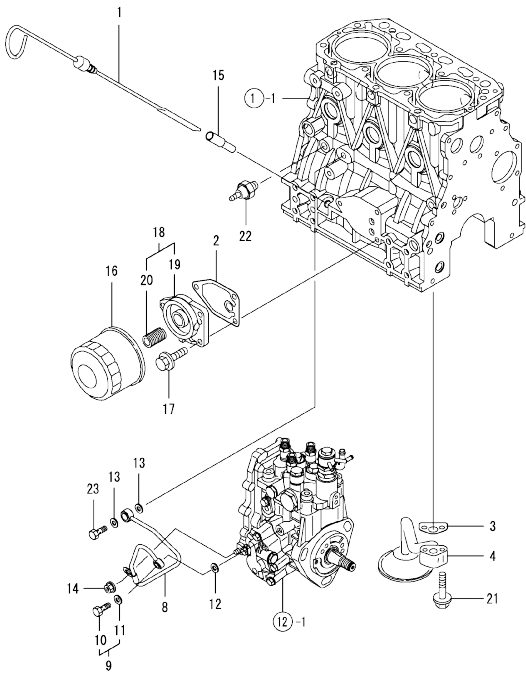
Remarks
(1) REPAIR PART.
(2) UNDER-SIZE(U.S=0.25)PART.
(3) OVER-SIZE(O.S=0.25)PART.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129004-21001	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	119802-21201	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-030010	PIN, SPRING 3.0X10	1							
9	1	129175-21650	V-PULLEY	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	129189-21570	FLYWHEEL ASSY	1							
15	2	124550-21600	GEAR, RING	1							
16	1	129005-22080	PISTON ASSY	3							
18	2	129005-22500	RING SET, PISTON	3							
22	1	129202-22300	PIN, PISTON D26 L70	3							
23	1	22252-000260	RING, 26	6							
24	1	729402-23100	ROD ASSY, CONNECTING	3							
28	2	129100-23910	BEARING, PISTON PIN	3							1
29	2	121550-23200	BOLT, CONNECTING ROD	6							
30	2	129150-23600	BEARING, CRANK PIN	3							
32	1	129150-23610	BEARING, 0.25 US	3							2
34	1	129005-22900	PISTON ASSY, 0.25 OS	3							3
36	2	129005-22950	RING SET, 0.25 OS	3							
40	1	22512-070160	KEY, 7X 16	1							

Fig.8. LUB.OIL SYSTEM

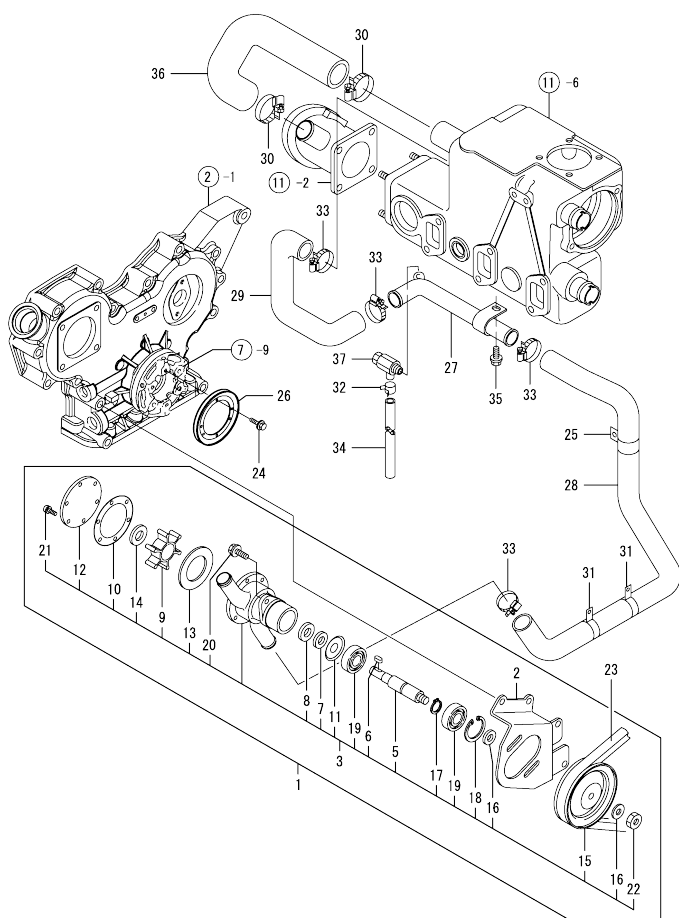


Remarks
(1) REPAIR PART.

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

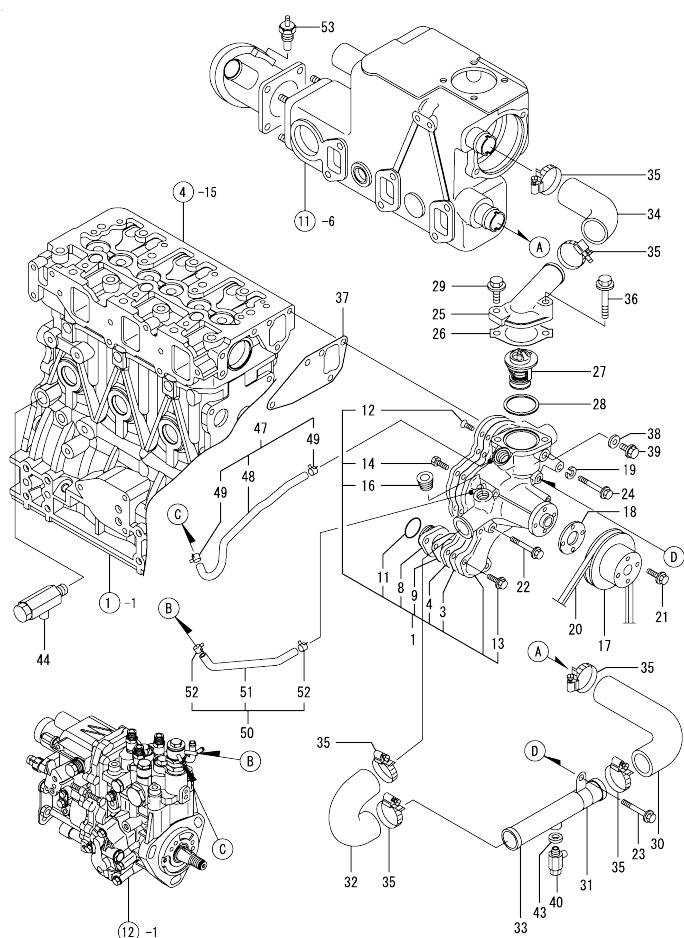
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171420-34800	DIPSTICK, OIL	1							
2	1	129150-35111	GASKET	1							
3	1	129150-35041	GASKET	1							
4	1	129150-35091	PIPE ASSY, OIL INLET	1							
8	1	119802-39450	PIPE ASSY, OIL	1							
9	1	129005-59830	BOLT ASSY, JOINT M8	1							
10	2	23857-030000	BOLT, JOINT 3	1							
11	2	22190-080002	WASHER, SEAL 6	1							
12	1	22190-080002	WASHER, SEAL 6	1							
13	1	22190-100002	WASHER, SEAL 10	2							
14	1	26366-060002	NUT, M6	1							
15	1	121520-34810	GUIDE, DIPSTICK	1							
16	1	129150-35153	FILTER 80X80L	1							1
17	1	26106-080202	BOLT, M8X 20 PLATED	3							
18	1	119802-35100	BRACKET ASSY, FILTER	1							
19	2	119802-35110	BRACKET, FILTER	1							
20	2	129100-35140	STUD	1							
21	1	26106-080352	BOLT, M8X 35 PLATED	2							
22	1	114250-39450	SWITCH, 0.5KG	1							
23	1	124160-39140	BOLT, PIPE JOINT M10	1							



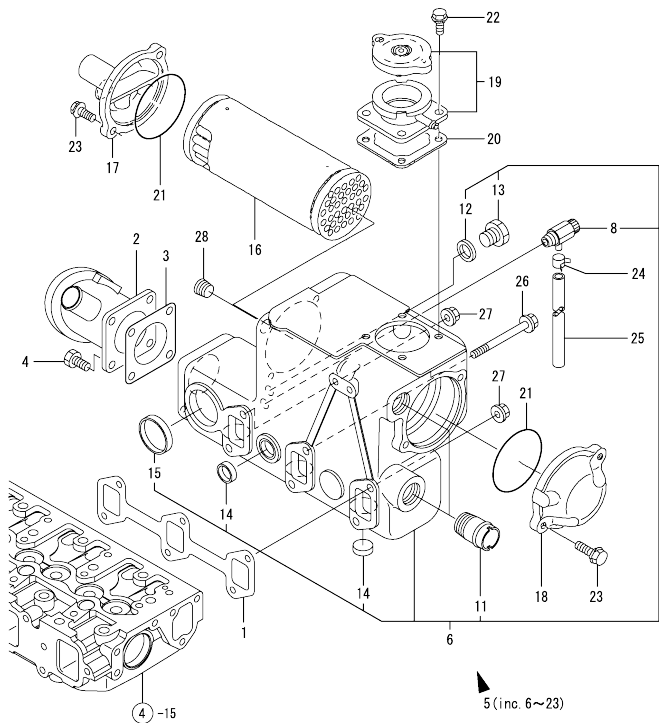
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129647-42500	PUMP ASSY, WATER	1							
2	2	129647-42150	BRACKET, PUMP	1							
3	2	129579-42501	PUMP ASSY, WATER	1							
5	3	121575-42021	SHAFT, IMPELLER	1							
6	3	124223-42040	KEY	1							
7	3	124223-42070	PIECE	1							
8	3	124223-42080	SEAL, TC13X28X7	1							
9	3	124223-42091	IMPELLER	1							
10	3	124223-42110	GASKET, WATER PUMP	1							
11	3	121575-42120	COVER, BEARING	1							
12	3	121575-42150	COVER	1							
13	3	129579-42160	PLATE	1							
14	3	129579-42190	COVER	1							
15	3	124070-42400	V-PULLEY	1							
16	3	124070-42420	WASHER	2							
17	3	22242-000150	RING, 15	1							
18	3	22252-000350	RING, 35	1							
19	3	24107-062024	BEARING, BALL 6202ZZ	2							
20	3	26014-080162	BOLT, M8X 16	2							
21	3	26113-040088	BOLT, M4X 8	6							
22	3	129579-42590	NUT, M8	1							
23	1	104214-42780	V-BELT, HM30	1							
24	1	26106-060082	BOLT, M6X 8 PLATED	4							
25	1	127610-03270	RETAINER	1							
26	1	104407-21600	V-PULLEY	1							
27	1	129080-49010	PIPE, WATER	1							
28	1	171487-49010	PIPE, WATER	1							
29	1	129475-49020	PIPE, WATER	1							
30	1	23000-035000	CLAMP, 35	2							
31	1	129579-49460	RETAINER, D32	2							
32	1	124460-77680	RETAINER	1							
33	1	23000-035000	CLAMP, 35	4							
34	1	23061-070300	PIPE, 7X 300	1							
35	1	26106-080162	BOLT, M8X 16 PLATED	1							
36	1	129475-49040	PIPE, WATER	1							
37	1	129670-49290	COCK ASSY, R1/8	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:Q'ty Change



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129247-42000	PUMP ASSY, WATER	1							
3	2	129150-42059	GASKET	1							
4	2	129150-42129	PLATE, PUMP	1							
8	2	129150-42300	FLANGE	1							
9	2	129150-42319	GASKET, FLANGE	1							
11	2	129054-42320	O-RING	1							
12	2	26577-060152	SCREW, M6X15	3							
13	2	26106-060202	BOLT, M6X 20 PLATED	2							
14	2	26116-060162	BOLT, M6X 16 PLATED	3							
16	2	129916-49740	PLUG, R3/8	2							
17	1	129550-42350	V-PULLEY, PUMP	1							
18	1	129156-44760	WASHER, FAN	1							
19	1	22217-080000	WASHER, SPRING 8	1							
20	1	25132-004400	V-BELT, A44	1							Z
(A=E03661)											
21	1	26106-060102	BOLT, M6X 10 PLATED	4							
22	1	26106-080552	BOLT, M8X 55 PLATED	2							
23	1	26106-080552	BOLT, M8X 55 PLATED	1							
24	1	26106-080652	BOLT, M8X 65 PLATED	1							
25	1	129470-49540	COVER, THERMOSTAT	1							
26	1	129795-49551	GASKET, COVER	1							
27	1	129457-49801	THERMOSTAT, 82C	1							
28	1	129470-49810	GASKET, THERMOSTAT	1							
29	1	26106-080252	BOLT, M8X 25 PLATED	1							
30	1	129470-49200	JOINT, RUBBER	1							
31	1	129470-49220	RETAINER	1							
32	1	129470-49240	JOINT, RUBBER 28	1							
33	1	129470-49250	PIPE, FRESH WATER	1							
34	1	129170-49260	JOINT, RUBBER	1							
35	1	23000-041000	CLAMP, 41	6							
36	1	26106-080352	BOLT, M8X 35 PLATED	1							
37	1	129486-42050	GASKET, WATER PUMP	1							
38	1	23414-080000	GASKET, 8X1.0	1							
39	1	26106-080122	BOLT, M8X 12 PLATED	1							
40	1	129670-49290	COCK ASSY, R1/8	1							
43	1	22137-080000	WASHER, 8	1							
44	1	119620-49290	COCK ASSY, 1/4	1							
47	1	129263-49610	HOSE ASSY, WATER A	1							
48	2	129263-49710	HOSE, WATER	1							
49	2	124722-59050	CLAMP, HOSE 9	2							
50	1	129263-49620	HOSE ASSY, WATER B	1							
51	2	129263-49720	HOSE, WATER	1							
52	2	124722-59050	CLAMP, HOSE 9	4							
53	1	127610-91350	SWITCH, TEMPERATURE	1							

Fig.11. COOLING FRESH WATER COOLER



(A)=3TNV88-GKM
(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	129619-13560	ELBOW	1							
3	1	129472-18090	GASKET	1							
4	1	26115-080202	BOLT, M8X 20	4							
5	1	129176-44900	COOLER ASSY, WATER	1							
6	2	129176-44000	COOLER ASSY, WATER	1							
8	3	119620-49290	COCK ASSY, 1/4	1							
11	3	124160-49480	JOINT, PIPE	2							
12	3	23414-170000	GASKET, 17X1.0	1							
13	3	23894-030002	PLUG, G3/8	1							
14	3	27241-280000	PLUG, 28	7							
15	3	27241-400000	PLUG, 40	1							
16	2	129170-44110	CORE ASSY, COOLER	1							
17	2	129470-44440	COVER, A	1							
18	2	129470-44450	COVER, B	1							
19	2	129171-44600	FILLER ASSY	1							
20	2	120445-44640	GASKET	1							
21	2	24321-000750	O-RING, 1AG75.0	2							
22	2	26106-080162	BOLT, M8X 16 PLATED	4							
23	2	26106-080252	BOLT, M8X 25 PLATED	4							
24	1	124460-77680	RETAINER	1							
25	1	23061-070300	PIPE, 7X 300	1							
26	1	26106-081002	BOLT, M8X100 PLATED	4							
27	1	26306-080002	NUT, M8	2							
28	1	23876-030000	PLUG, R03	1							

Fig.12. FUEL INJECTION PUMP



Remarks
(1) REFER TO FI.18 & 19 FOR INNER PARTS.

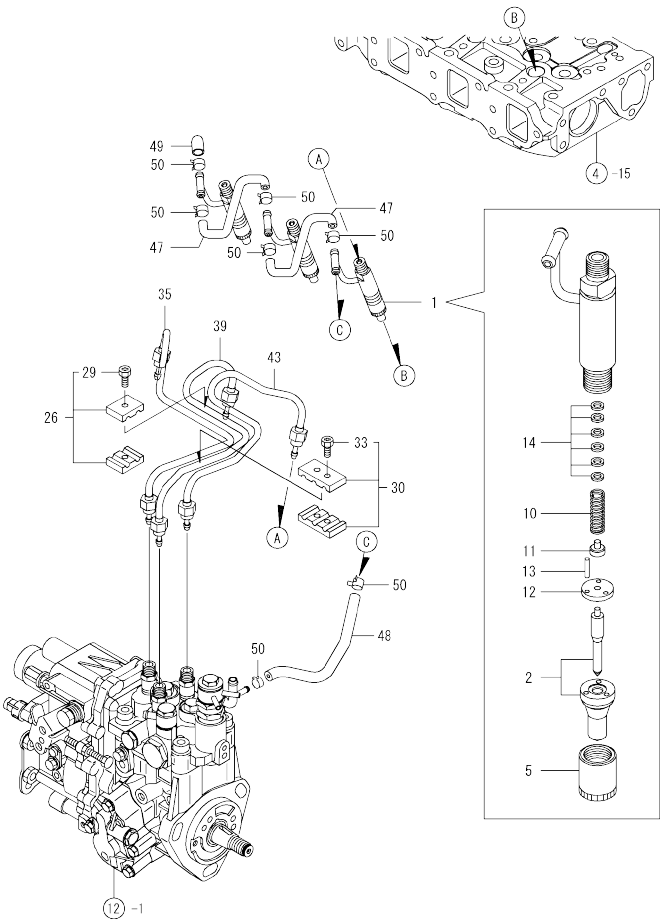
(D)=
(E)=
(F)=

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

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

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

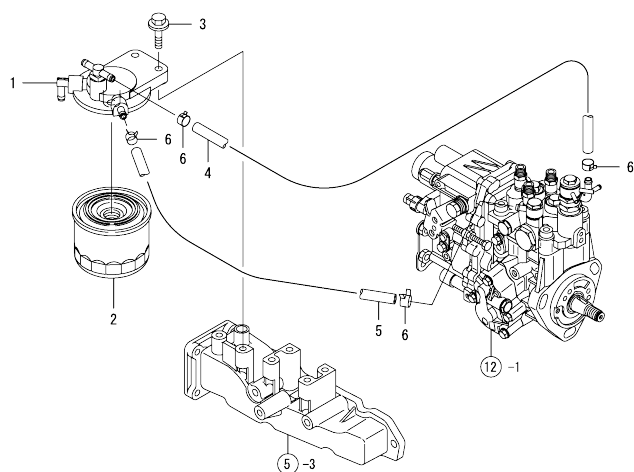
Fig.13. FUEL INJECTION VALVE



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

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

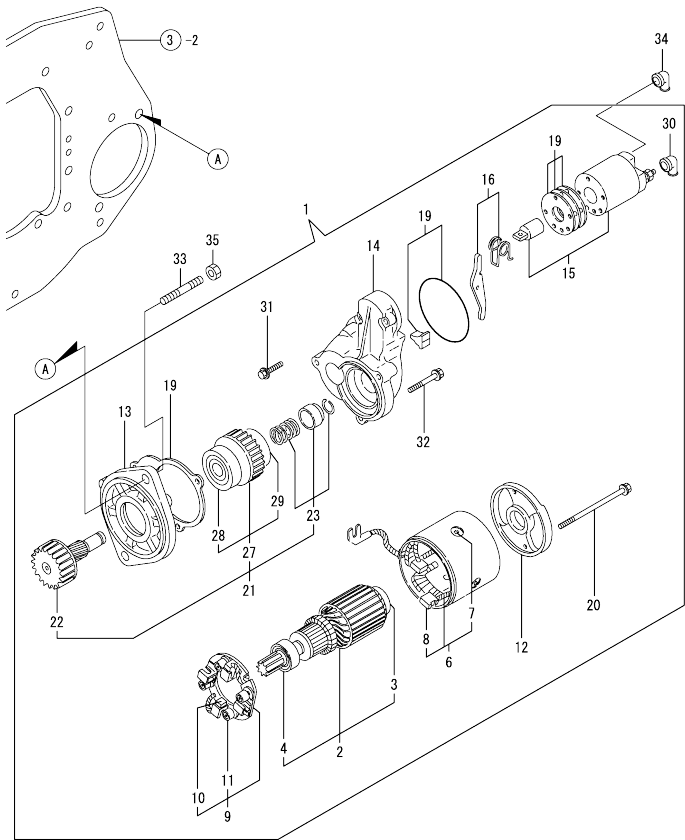
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729246-53101	VALVE ASSY,INJECTION	3							
2	2	129246-53001	VALVE ASSY,INJECTION	3							
5	2	114250-53080	NUT, NOZZLE D16.95	3							
10	2	114250-53120	SPRING, NOZZLE	3							
11	2	114250-53130	SEAT, SPRING	3							
12	2	114250-53140	PLATE	3							
13	2	114250-53210	PIN	6							
14	2	114250-53400	SHIM SET	3							
26	1	119305-59120	RETAINER, PIPE	1							
29	2	129150-59131	BOLT, M4X14	1							
30	1	129150-59120	RETAINER, PIPE	1							
33	2	129150-59131	BOLT, M4X14	2							
35	1	129004-59810	PIPE ASSY, INJECTION	1							
39	1	129004-59820	PIPE ASSY, INJECTION	1							
43	1	129004-59830	PIPE ASSY, INJECTION	1							
47	1	129270-59550	PIPE, FUEL	2							
48	1	119802-59570	PIPE, FUEL	1							
49	1	129270-59580	CAP	1							
50	1	23000-013000	CLAMP, 13	7							



				0CV10-M95200 Fig.14						
				(A)=3TNV88-GKM	(D)=					
				(B)=	(E)=					
				(C)=	(F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	129004-55610	BRACKET, FILTER	1						
2	1	119802-55800	FILTER, FUEL	1						
3	1	26106-080302	BOLT, M8X 30 PLATED	2						
4	1	119802-59100	PIPE, FUEL	1						
5	1	119802-59110	PIPE, FUEL	1						
6	1	23000-016000	CLAMP, 16	4						

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
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Fig.15. STARTING MOTOR

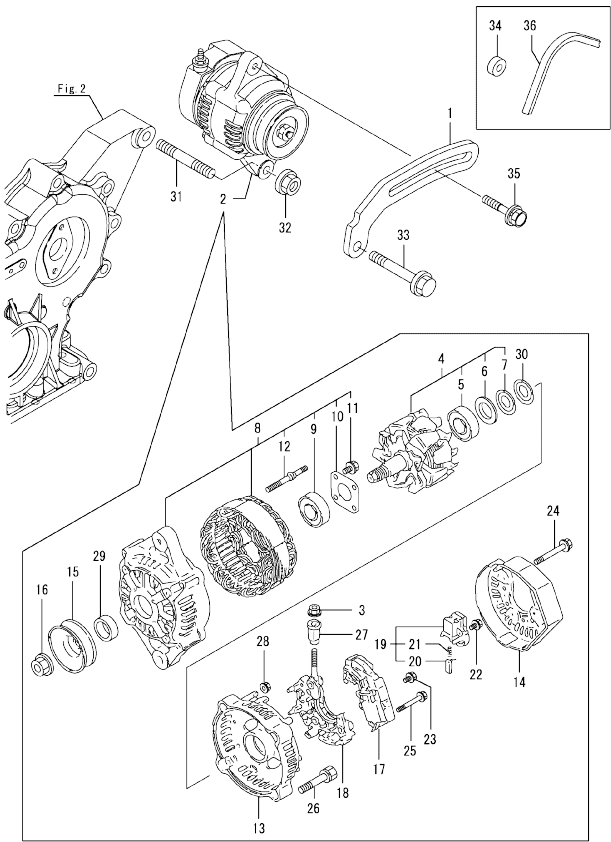


(A)=3TNV88-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171008-77010	STARTER, S114-483	1							
2	2	171008-77400	ARMATURE ASSY	1							
3	3	X2130350900	BALL BEARING	1							
4	3	X2114255110	BEARING, BALL	1							
6	3	171008-77440	COIL ASSY, FIELD	1							
7	4	171008-77450	SCREW	4							
8	4	171008-77460	BRUSH (+)	2							
9	2	171008-77470	HOLDER ASSY, BRUSH	1							
10	3	171008-77480	BRUSH (-)	2							
11	3	171008-77490	SPRING, BRUSH	4							
12	2	171008-77500	COVER, REAR	1							
13	2	171008-77510	HOUSING ASSY, GEAR	1							
14	2	171008-77520	HOUSING, CENTER	1							
15	2	171008-77531	MAGNETIC SWITCH ASSY	1							
16	2	171008-77540	LEVER SET, SHIFT	1							
19	2	171008-77571	DUST COVER,(NON-ASB.	1							
20	2	171008-77640	BOLT, THROUGH	2							
21	2	171008-77650	PINION ASSY	1							
22	3	171008-77660	SHAFT, PINION	1							
23	3	171008-77670	STOPPER SET, PINION	1							
27	3	X2114555500	CLUTCH ASSY	1							
28	4	X2114955020	BALL BEARING	1							
29	4	X2240410100	BEARING, BALL	1							
30	2	171008-77750	COVER, M TERMINAL	1							
31	2	26106-060322	BOLT, M6X 32 PLATED	2							
32	2	26106-060402	BOLT, M6X 40 PLATED	3							
33	1	124450-01610	STUD	2							
34	1	124550-77030	COVER, TERMINAL	1							
35	1	26716-120002	NUT, M12	2							

Fig.16. GENERATOR



Remarks
(1)Loose parts.

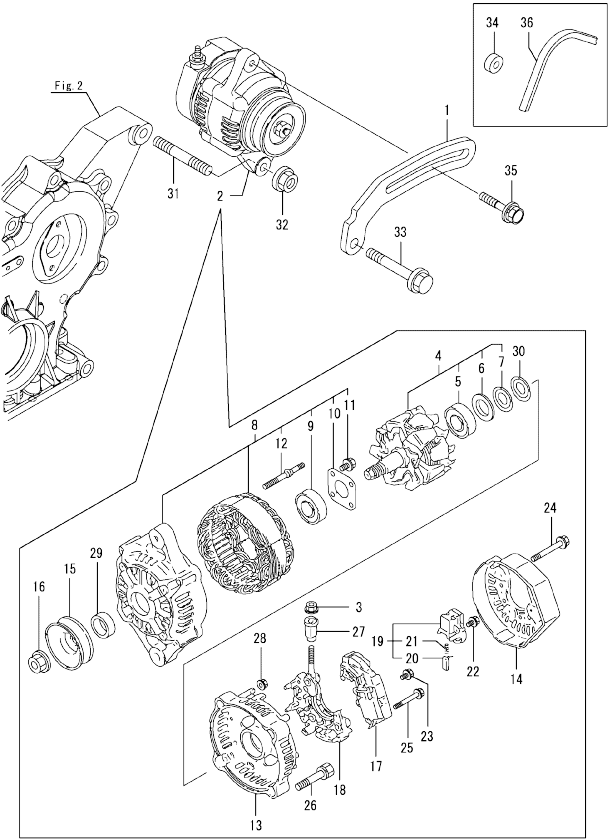
(A)=3TNV88-GKM
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119940-77330	ADJUSTER, BELT	1							
1-1	1	119802-77330 (A=E02596)	ADJUSTER, BELT	1						N	
1-2	1	129410-77330 (A=E03661)	ADJUSTER, BELT	1						N	
2	1	129423-77200	GENERATOR, 12V-40A	1						Z	
3	2	X9490561001 (A=E03661)	NUT	1						Z	
4	2	119620-77380 (A=E03661)	ROTOR ASSY	1						Z	
5	3	119620-79240 (A=E03661)	BEARING, BALL	1						Z	
6	3	119620-79250 (A=E03661)	COVER, BEARING	1						Z	
7	3	119620-79360 (A=E03661)	WASHER, THRUST	1						Z	
8	2	119620-77421 (A=E03661)	FRAME ASSY, DRIVE	1						Z	
9	3	119620-79200 (A=E03661)	BEARING, BALL	1						Z	
10	3	119620-79210 (A=E03661)	PLATE, RETAINER	1						Z	
11	3	119620-79220 (A=E03661)	SCREW	4						Z	
12	3	119620-79230 (A=E03661)	STUD	2						Z	
13	2	119620-77440 (A=E03661)	FRAME ASSY, REAR	1						Z	
14	2	129240-79300 (A=E03661)	COVER	1						Z	
15	2	119620-77461 (A=E03661)	PULLEY, GENERATOR	1						Z	
16	2	119620-77471 (A=E03661)	NUT	1						Z	
17	2	129423-77710 (A=E03661)	REGULATOR ASSY	1						Z	
18	2	119620-79260 (A=E03661)	HOLDER ASSY	1						Z	
19	2	119620-79270 (A=E03661)	HOLDER ASSY, BRUSH	1						Z	
20	3	119620-77480 (A=E03661)	BRUSH ASSY, SUB	2						Z	
21	3	119620-79280 (A=E03661)	SPRING	2						Z	
22	2	119620-79290 (A=E03661)	SCREW	1						Z	
23	2	119620-79300 (A=E03661)	SCREW	1						Z	
24	2	119620-79310 (A=E03661)	BOLT	3						Z	

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.16. GENERATOR



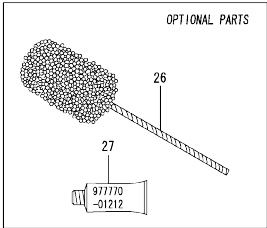
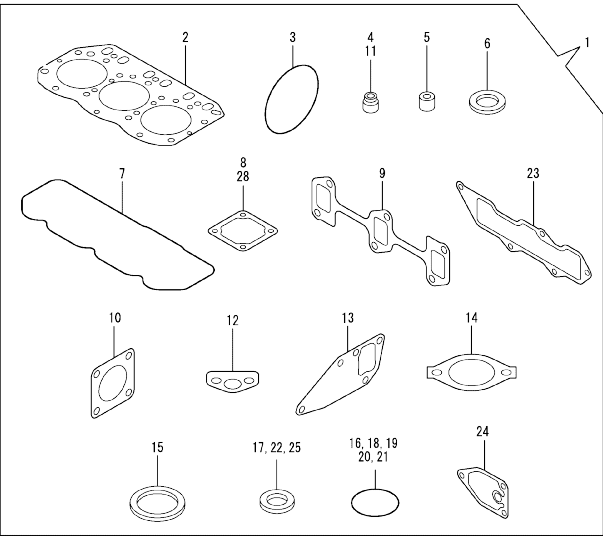
Remarks
(1)Loose parts.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	2	119620-79320 (A=E03661)	SCREW, W/WASHER	2						Z	
26	2	119620-79330 (A=E03661)	BOLT	2						Z	
27	2	119620-79340 (A=E03661)	BUSH, INSULATION	1						Z	
28	2	119620-79350 (A=E03661)	NUT	2						Z	
29	2	119620-77490 (A=E03661)	COLLAR	1						Z	
30	2	119620-79360 (A=E03661)	WASHER, THRUST	1						Z	
31	1	129795-01900	BOLT, M10X33	1							
32	1	26306-100002 (A=E03661)	NUT, M10	1						Z	
33	1	26106-080452	BOLT, M8X 45 PLATED	1							
34	1	119940-77270	SPACER, GENERATOR	1							1
35	1	119802-77340	BOLT, ADJUSTER L=40	1						Z	
36	1	25132-004400 (A=E03661)	V-BELT, A44	1							W 1

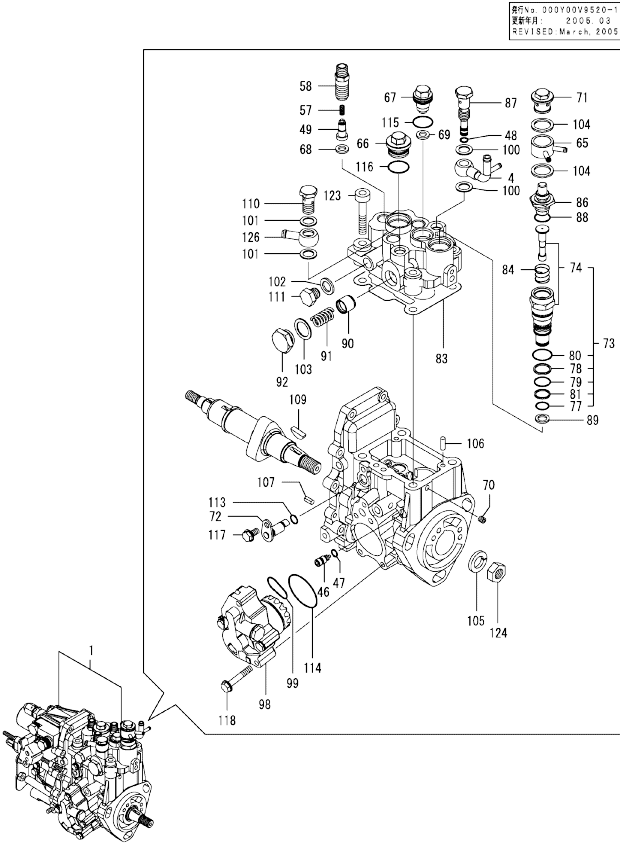
Fig.17. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729001-92740	GASKET SET	1							1
2	2	129001-01340	GASKET, HEAD	1							
3	2	121850-51960	O-RING	1							
4	2	124460-11340	SEAL, VALVE STEM	3							
5	2	119802-11870	PROTECTOR, NOZZLE	3							
6	2	119625-11880	SEAT, NOZZLE	3							
7	2	129004-11310	GASKET, BONNET	1							
8	2	129150-77511	GASKET	1							
9	2	129150-13110	GASKET	1							
10	2	129472-18090	GASKET	1							
11	2	121400-11340	SEAL, VALVE STEM	3							
12	2	129150-35041	GASKET	1							
13	2	129486-42050	GASKET, WATER PUMP	1							
14	2	129795-49551	GASKET	1							
15	2	129470-49810	GASKET, THERMOSTAT	1							
16	2	24341-000250	O-RING, 1AS25.0	1							
17	2	22190-080002	WASHER, SEAL 6	2							
18	2	119609-32040	O-RING, P16	4							
19	2	24311-000120	O-RING, 1AP12.0	3							
20	2	24311-000320	O-RING, 1AP32.0	2							
21	2	24341-000240	O-RING, 1AS24.0	1							
22	2	22190-100002	WASHER, SEAL 10	2							
23	2	129001-12110	GASKET, MANIFOLD	1							
24	2	129150-35111	GASKET	1							
25	2	23414-080000	GASKET, 8X1.0	1							
26	1	129400-92430	HONE	1							1
27	1	977770-01212	GASKET, LIQUID	1							1

Fig.18. FUEL INJECTION PUMP(INNER PARTS)



零件号: 333700V9550-1
更新年月: 2008.03
REVISED March, 2005

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729247-51390	PUMP ASSY, INJECTION	1							1
4	2	158552-51670	JOINT, OVER FLOW	1							
46	2	158600-51270	STOPPER, TAPPET	1							
47	2	158563-51281	O-RING, 4D S6	1							
48	2	158563-51281	O-RING, 4D S6	1							
49	2	158560-51300	VALVE ASSY, DELIVERY	3							
57	2	158563-51330	SPRING, DELIVERY	3							
58	2	158601-51340	HOLDER, DELIVERY	3							
65	2	158553-51551	JOINT	1							
66	2	158601-51550	PLUG	1							
67	2	119802-51560	PLUG, BARREL	1							
68	2	158552-51570	GASKET	3							
69	2	158552-51570	GASKET	1							
70	2	158557-51570	PLUG	1							
71	2	158601-51570	PLUG	1							
72	2	158552-51580	LIFTER	1							
73	2	119802-51590	TIMER SET	1							
74	2	119802-51600	TIMER ASSY	1							
77	3	158553-51670	O-RING, 1011	1							
78	3	119802-51680	RING, BACK UP	1							
79	3	119802-51690	O-RING	1							
80	3	24356-010200	O-RING, 4D1020	1							
81	3	24372-000150	RING, BACK UP T2P15	1							
83	2	158552-51600	GASKET	1							
84	2	158553-51630	SPRING, TIMER	1							
86	2	158553-51640	ELEMENT	1							
87	2	158601-51650	JOINT, OVER FLOW	1							
88	2	158553-51660	O-RING, P14	1							
89	2	158553-51680	GASKET	1							
90	2	158601-51770	PISTON	1							
91	2	158552-51780	SPRING	1							
92	2	158601-51790	PLUG	1							
98	2	158552-52100	PUMP ASSY, FUEL FEED	1							
99	2	158552-52310	O-RING	1							
100	2	22190-120002	WASHER, SEAL 12	2							
101	2	22190-120002	WASHER, SEAL 12	2							
102	2	22190-120002	WASHER, SEAL 12	1							
103	2	22190-180002	WASHER, SEAL 18	1							
104	2	22190-180002	WASHER, SEAL 18	2							
105	2	22217-140000	WASHER, SPRING 14	1							
106	2	22312-050140	PIN, PARALLEL M5X14	2							
107	2	22351-050010	PIN, SPRING 5.0X10	2							
109	2	119802-51090	KEY, 4X16	1							
110	2	23857-060000	BOLT, JOINT 6	1							
111	2	23887-120002	PLUG, 12	1							
113	2	24311-000070	O-RING, 1AP7.0	1							
114	2	158552-52400	O-RING, 4E S42	1							
115	2	24356-010180	O-RING, 4D1018	1							
116	2	24356-010200	O-RING, 4D1020	1							
117	2	26106-060102	BOLT, M6X 10 PLATED	1							
118	2	158553-51770	BOLT	4							

N:Old $\frac{100}{100}$ New, O: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
++ CONTINUE ++
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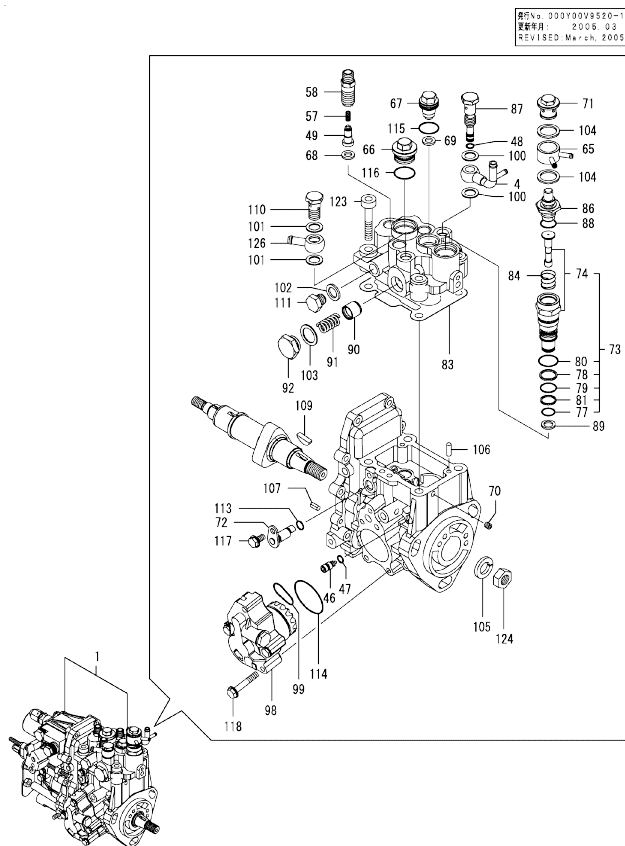
Remarks
(1) GOVERNOR ASSY(FIG.19) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

Fig.18. FUEL INJECTION PUMP(INNER PARTS)

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

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

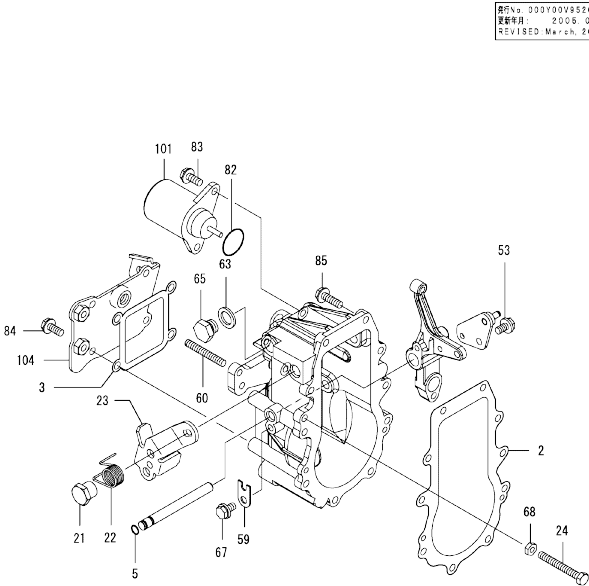
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
123	2	26450-080452	BOLT, M8X 45	4							
124	2	26776-140002	NUT, LOCK M14	1							
126	2	129916-59020	JOINT PIPE 12	1							



Remarks
(1) GOVERNOR ASSY(FIG.19) IS
INCORPORATED IN THIS FOP.CMP
(REF.NO.1).

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.19. GOVERNOR (INNER PARTS)



零件名: 333700V9550-1
更新年月: 2005.03
REVISED March, 2005

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	158553-61050	GASKET	1							
3	2	158553-61070	GASKET	1							
5	2	129155-51280	O-RING, S6	1							
21	2	129255-61410	NUT, LOCK	1							
22	2	119807-61420	SPRING, RETURN	1							
23	2	129246-61441	LEVER, REGULATOR	1							
24	2	129155-61460	BOLT, IDLE	1							
53	2	26106-060102	BOLT, M6X 10 PLATED	1							
59	2	119660-61901	RETAINER, SHAFT	1							
60	2	171002-66830	SCREW	1							
63	2	22190-120000	WASHER, SEAL 12	1							
65	2	23887-120002	PLUG, 12	1							
67	2	26106-060102	BOLT, M6X 10 PLATED	1							
68	2	26756-060002	NUT, LOCK M6	1							
82	2	24341-000280	O-RING, 1AS28.0	1							
82-1	2	158552-61900	O-RING	1							N
(A=EXXXXX)											
83	2	26106-060142	BOLT, M6X 14 PLATED	2							
84	2	26106-060142	BOLT, M6X 14 PLATED	4							
85	2	26106-060202	BOLT, M6X 20 PLATED	10							
101	2	119653-77950	SOLENOID, STOP	1							
104	2	129246-61061	COVER, GOVERNOR CASE	1							

Remarks

* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.18).

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Parts No.	Fig. No.	Ref. No.
104214-42780	9	23
104407-21600	9	26
114250-39450	8	22
114250-53080	13	5
114250-53120	13	10
114250-53130	13	11
114250-53140	13	12
114250-53210	13	13
114250-53400	13	14
119305-59120	13	26
119609-32040	2	17
	17	18
119620-49290	10	44
	11	8
119620-77380	16	4
119620-77421	16	8
119620-77440	16	13
119620-77461	16	15
119620-77471	16	16
119620-77480	16	20
119620-77490	16	29
119620-79200	16	9
119620-79210	16	10
119620-79220	16	11
119620-79230	16	12
119620-79240	16	5
119620-79250	16	6
119620-79260	16	18
119620-79270	16	19
119620-79280	16	21
119620-79290	16	22
119620-79300	16	23
119620-79310	16	24
119620-79320	16	25
119620-79330	16	26
119620-79340	16	27
119620-79350	16	28
119620-79360	16	7
	30	
119625-11880	4	32
	17	6
119653-77950	19	101
119660-61901	19	59
119802-01520	2	12
119802-01560	2	13
119802-03110	4	43
119802-03120	4	44
119802-03130	4	45
119802-03140	4	46
119802-11260	4	6

Parts No.	Fig. No.	Ref. No.
119802-11270	4	7
119802-11280	4	8
119802-11870	4	55
	17	5
119802-21201	7	5
119802-25051	6	10
119802-25070	6	14
119802-25100	6	11
119802-25901	6	17
119802-32070	2	8
119802-32100	2	7
119802-32111	2	18
119802-32120	2	19
119802-32130	2	20
119802-35100	8	18
119802-35110	8	19
119802-39450	8	8
119802-51090	18	109
119802-51250	12	2
119802-51560	18	67
119802-51590	18	73
119802-51600	18	74
119802-51680	18	78
119802-51690	18	79
119802-55800	14	2
119802-59100	14	4
119802-59110	14	5
119802-59570	13	48
119802-77330	16	1 -1
119802-77340	16	35
119807-61420	19	22
119940-77270	16	34
119940-77330	16	1
120130-11860	4	19
120270-54410	4	34
120445-44640	11	20
121023-01550	2	28
121111-21501	7	12
121400-11340	4	28
	17	11
121520-34810	8	15
121550-23200	7	29
121575-42021	9	5
121575-42120	9	11
121575-42150	9	12
121850-21680	7	11
121850-51960	2	21
	17	3
124060-01050	1	5
124070-42400	9	15

Parts No.	Fig. No.	Ref. No.
124070-42420	9	16
124160-01751	2	14
	4	39
124160-01910	1	7
		8
124160-11360	4	52
124160-39140	8	23
124160-49480	11	11
124223-42040	9	6
124223-42070	9	7
124223-42080	9	8
124223-42091	9	9
124223-42110	9	10
124240-01871	2	15
124450-01610	15	33
124460-11340	4	29
	17	4
124460-77680	9	32
	11	24
124550-21600	7	15
124550-77030	15	34
124722-59050	10	49
	52	
127610-03270	9	25
127610-91350	10	53
129001-01250	1	6
129001-01340	1	33
	17	2
129001-02930	1	25
129001-12110	5	5
	17	23
129001-32330	2	11
129001-91841	2	22
129004-01190	1	31
129004-03010	4	41
129004-03080	5	1
129004-11100	4	24
129004-11241	4	3
129004-11251	4	4
129004-11310	4	49
	17	7
129004-11350	4	40
129004-11650	4	10
129004-11700	4	15
129004-11900	4	33
129004-12100	5	3
129004-14580	6	3
129004-21001	7	1
129004-55610	14	1
129004-59810	13	35

Parts No.	Fig. No.	Ref. No.
129004-59820	13	39
129004-59830	13	43
129005-22080	7	16
129005-22500	7	18
129005-22900	7	34
129005-22950	7	36
129005-59830	8	9
129054-42320	10	11
129080-49010	9	27
129100-01580	3	1
		15
	7	2
129100-01640	3	16
129100-01730	3	6
129100-11110	4	25
129100-23910	7	28
129100-35140	8	20
129150-01200	1	32
129150-02020	1	10
129150-02450	6	4
129150-02870	1	34
129150-02930	1	28
129150-02940	1	37
129150-03070	4	42
129150-11230	4	11
129150-11280	4	9
129150-11370	4	14
129150-11750	4	13
129150-11810	4	21
129150-13110	11	1
	17	9
129150-14101	6	7
129150-14200	6	1
129150-14400	6	2
129150-23600	7	30
129150-23610	7	32
129150-25301	6	16
129150-35041	8	3
	17	12
129150-35091	8	4
129150-35111	8	2
	17	24
129150-35153	8	16
129150-42059	10	3
129150-42129	10	4
129150-42300	10	8
129150-42319	10	9
129150-59120	13	30
129150-59131	13	29
		33

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Parts No.	Fig. No.	Ref. No.
129150-77511	5	8
	17	8
129155-51280	19	5
129155-61460	19	24
129156-44760	10	18
129170-44110	11	16
129170-49260	10	34
129171-44600	11	19
129175-01770	3	8
129175-21650	7	9
129176-01601	3	2
129176-44000	11	6
129176-44900	11	5
129189-21570	7	13
129202-22300	7	22
129240-79300	16	14
129246-53001	13	2
129246-61061	19	104
129246-61441	19	23
129247-42000	10	1
129255-61410	19	21
129263-49610	10	47
129263-49620	10	50
129263-49710	10	48
129263-49720	10	51
129270-59550	13	47
129270-59580	13	49
129400-92430	17	26
129410-03990	5	2
129410-77330	16	1 -2
129418-32320	2	10
129423-77200	16	2
129423-77710	16	17
129457-49801	10	27
129470-07230	4	57
129470-44440	11	17
129470-44450	11	18
129470-49200	10	30
129470-49220	10	31
129470-49240	10	32
129470-49250	10	33
129470-49540	10	25
129470-49810	10	28
	17	15
129472-18090	11	3
	17	10
129475-49020	9	29
129475-49040	9	36
129486-01670	3	19
129486-42050	10	37

Parts No.	Fig. No.	Ref. No.
129486-42050	17	13
129550-42350	10	17
129579-42160	9	13
129579-42190	9	14
129579-42501	9	3
129579-42590	9	22
129579-49460	9	31
129619-13560	11	2
129647-42150	9	2
129647-42500	9	1
129649-12210	5	11
129670-49290	9	37
	10	40
129795-01780	3	18
129795-01800	2	6
129795-01900	16	31
129795-01950	2	16
129795-02411	1	13
129795-11120	4	26
129795-11180	4	27
129795-21661	7	10
129795-49551	10	26
	17	14
129900-07900	4	1
129900-32130	2	9
129916-49740	10	16
129916-59020	18	126
158552-51151	6	18
158552-51570	18	68
		69
158552-51580	18	72
158552-51600	18	83
158552-51670	18	4
158552-51780	18	91
158552-52100	18	98
158552-52310	18	99
158552-52400	18	114
158552-61900	19	82 -1
158553-51551	18	65
158553-51630	18	84
158553-51640	18	86
158553-51660	18	88
158553-51670	18	77
158553-51680	18	89
158553-51770	18	118
158553-61050	19	2
158553-61070	19	3
158557-51570	18	70
158560-51300	18	49
158563-51281	18	47

Parts No.	Fig. No.	Ref. No.
158563-51281	18	48
158563-51330	18	57
158600-51270	18	46
158601-51340	18	58
158601-51550	18	66
158601-51570	18	71
158601-51650	18	87
158601-51770	18	90
158601-51790	18	92
171002-66830	19	60
171008-77010	15	1
171008-77400	15	2
171008-77440	15	6
171008-77450	15	7
171008-77460	15	8
171008-77470	15	9
171008-77480	15	10
171008-77490	15	11
171008-77500	15	12
171008-77510	15	13
171008-77520	15	14
171008-77531	15	15
171008-77540	15	16
171008-77571	15	19
171008-77640	15	20
171008-77650	15	21
171008-77660	15	22
171008-77670	15	23
171008-77750	15	30
171051-01921	1	9
171301-01640	3	9
171420-34800	8	1
171487-49010	9	28
22137-080000	10	43
22190-080002	8	11
		12
	17	17
22190-100002	8	13
	17	22
22190-120000	19	63
22190-120002	18	100
		101
		102
22190-180002	18	103
		104
22217-080000	10	19
22217-140000	6	19
	18	105
22242-000150	9	17
22252-000260	7	23

Parts No.	Fig. No.	Ref. No.
22252-000350	9	18
22312-050140	18	106
22351-030010	7	8
22351-050010	18	107
22351-060012	4	35
22512-070140	6	8
	7	6
22512-070160	7	40
22857-500100	4	50
		51
23000-013000	13	50
23000-016000	14	6
23000-035000	9	30
		33
23000-041000	10	35
23061-070300	9	34
	11	25
23414-080000	10	38
	17	25
23414-170000	11	12
23857-030000	8	10
23857-060000	18	110
23876-010000	5	13
23876-030000	2	4
	11	28
23876-040000	2	5
23887-120002	18	111
	19	65
23894-030002	11	13
24107-062024	9	19
24311-000070	18	113
24311-000120	4	53
	17	19
24311-000320	2	23
	4	54
	17	20
24321-000750	11	21
24341-000240	2	29
	17	21
24341-000250	3	11
	17	16
24341-000280	19	82
24356-010180	18	115
24356-010200	18	80
		116
24372-000150	18	81
25132-004400	10	20
	16	36
26014-080162	9	20
26106-060082	9	24

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Parts No.	Fig. No.	Ref. No.
26106-060102	10	21
	18	117
	19	53
26106-060142		67
	19	83
		84
26106-060162	2	30
26106-060202	10	13
	19	85
26106-060322	15	31
26106-060402	15	32
26106-080122	10	39
26106-080142	6	9
26106-080162	2	24
		25
	3	12
	4	2
	9	35
	11	22
	12	3
26106-080202	5	6
		9
	8	17
	12	4
26106-080252	3	13
	4	36
	10	29
	11	23
26106-080302	14	3
26106-080352	3	20
	4	37
	8	21
	10	36
26106-080402	6	15
26106-080452	3	14
		14
	16	33
26106-080502	3	21
	4	38
26106-080552	2	26
	10	22
		23
26106-080652	5	10
	10	24
26106-080802	5	7
26106-081002	11	26
26113-040088	9	21
26115-080202	11	4
26116-060162	10	14
26206-100202	3	4

Parts No.	Fig. No.	Ref. No.
26206-100252	3	5
26306-080002	2	27
	11	27
26306-100002	16	32
26366-060002	8	14
26450-080452	18	123
26577-060152	10	12
26716-120002	15	35
26756-060002	19	68
26776-140002	6	20
	18	124
27241-120000	1	14
27241-280000	11	14
27241-300000	1	15
27241-400000	4	23
	11	15
27310-080001	4	30
719802-01500	2	1
729001-92740	17	1
729005-01560	1	1
729246-53101	13	1
729247-51390	12	1
	18	1
729402-23100	7	24
977770-01212	2	31
	3	3
	4	56
	17	27
X2114255110	15	4
X2114555500	15	27
X2114955020	15	28
X2130350900	15	3
X2240410100	15	29
X9490561001	16	3

Parts No.	Fig. No.	Ref. No.