

OCR10-M51900EN

P R E F A C E

1. This Parts Catalog carries all parts incorporated in YANMAR Model 4TNE84-SA1~05, 4TNE84-G1A01, 4TNE84-G2A01, 4TNE84-ESA01~05 & 4TNE84-EG1A01~03.

2. Model name

Column	Model name	Manufactured	E/#
(A)	4TNE84-SA01	1998/12~	13410~
	4TNE84-SA02		
	4TNE84-SA03		
	4TNE84-SA04		
	4TNE84-SA05		
(B)	4TNE84-G1A01	1999/1~	13481~
(C)	4TNE84-G2A01	1999/2~	13858~
(D)	4TNE84-ESA01	1999/4~	14401~
	4TNE84-ESA02		
	4TNE84-ESA03		
	4TNE84-ESA04		
	4TNE84-ESA05		
(E)	4TNE84-EG1A01	1999/2~	13688~
	4TNE84-EG1A02		
	4TNE84-EG1A03		

3. Each illustration corresponds to the parts list on the following page.

4. 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. This Parts Catalog shows both standard and optional 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	Q'TY						I	R
				(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 Symbol

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 No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No	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

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

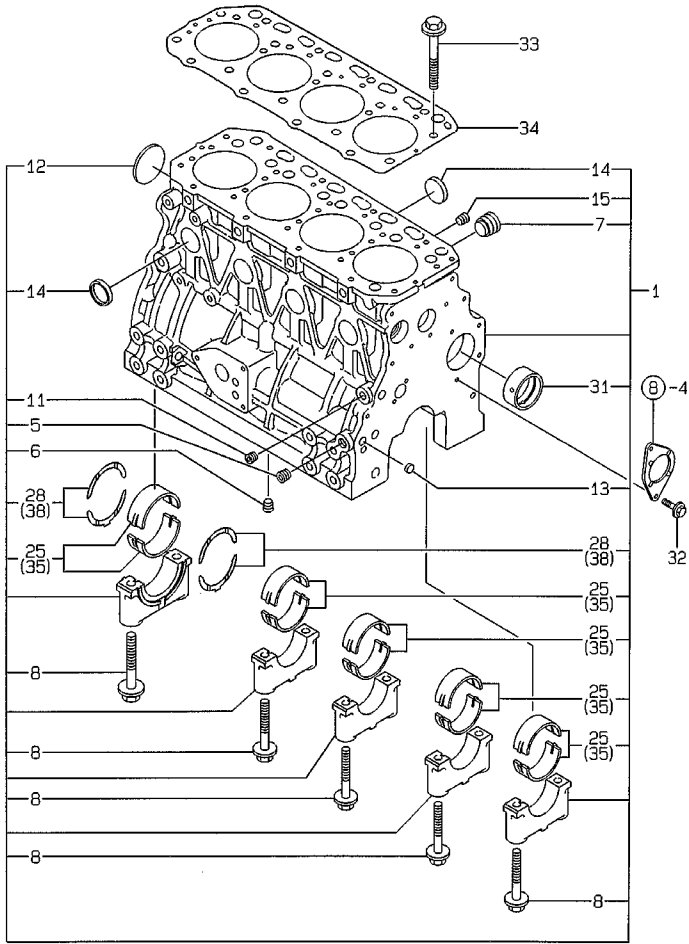
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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OCR10-M51900

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2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	CYLINDER HEAD & BONNET		
6.	SUCTION MANIFOLD & AIR CLEANER		
7.	EXHAUST MANIFOLD & SILENCER		
8.	CAMSHAFT & DRIVING GEAR		
9.	CRANKSHAFT & PISTON		
10.	LUB.OIL SYSTEM		
11.	COOLING WATER SYSTEM		
12.	RADIATOR		
13.	FUEL INJECTION PUMP		
14.	GOVERNOR		
15.	FUEL INJECTION VALVE		
16.	FUEL FILTER		
17.	ENGINE CONTROL DEVICE		
18.	STARTING MOTOR		
19.	STARTING MOTOR		
20.	STARTING MOTOR(COLD DISTRICT)		
21.	GENERATOR		
22.	OUTPUT SHAFT		
23.	PANEL		
24.	GASKET SET & TOOL(OPTIONAL)		

Fig.1. CYLINDER BLOCK

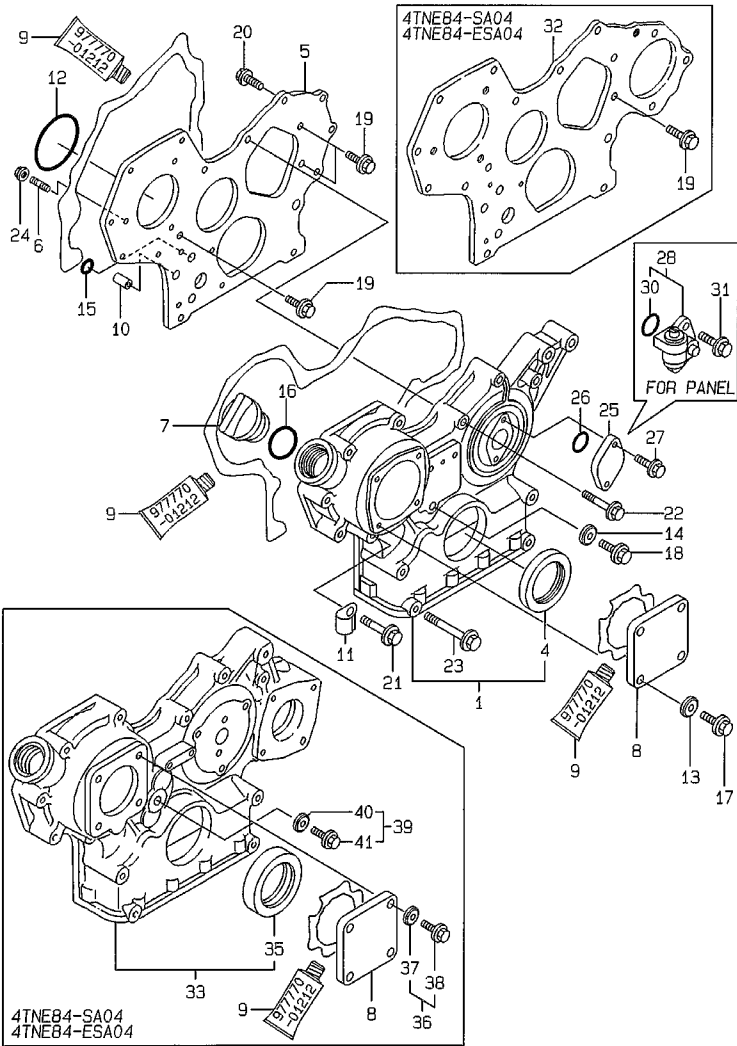


Remarks
(1) UNDER-SIZED(U.S=0.25)PART.
(2) OVER-SIZED(O.S=0.25)PART.
(3) REPAIR PART.

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729418-01710	BLOCK ASSY, CYLINDER	1	1	1	1	1			
1-1	1	729408-01560	BLOCK ASSY, CYLINDER	1	1	1	1	1			R
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)			(E=EXXX)						
5	2	124160-01910	PLUG, PT1/4	2	2	2	2	2			
6	2	124160-01910	PLUG, PT1/4	1	1	1	1	1			
7	2	171051-01921	PLUG, NPTF1	1	1	1	1	1			
8	2	129150-02020	BOLT, METAL CAP	10	10	10	10	10			
11	2	23871-010000	PLUG, R01	1	1	1	1	1			
11-1	2	23876-010000	PLUG, R01	1	1	1	1	1			N
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)			(E=EXXX)						
12	2	27231-500000	PLUG 50	1	1	1	1	1			
12-1	2	129001-01250	PLUG, 50	1	1	1	1	1			N
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)			(E=EXXX)						
13	2	27241-120000	PLUG, 12	2	2	2	2	2			
14	2	27241-300000	PLUG 30	8	8	8	8	8			
15	2	23871-030000	PLUG, R03	1	1	1	1	1			
15-1	2	23876-030000	PLUG, R03	1	1	1	1	1			N
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)			(E=EXXX)						
25	2	129001-02930	BEARING, MAIN	5	5	5	5	5			3
28	2	129150-02930	BEARING, THRUST	2	2	2	2	2			
31	2	129795-02411	BUSH, CAMSHAFT	1	1	1	1	1			
32	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2	2			
33	1	129150-01200	BOLT, HEAD	18	18	18	18	18			
34	1	129408-01330	GASKET, HEAD	1	1	1	1	1			
35	1	129150-02870	BEARING, 0.25 US	5	5	5	5	5			1
38	1	129150-02940	BEARING, THRUST 0.25	1	1	1	1	1			2

Fig.2. GEAR HOUSING

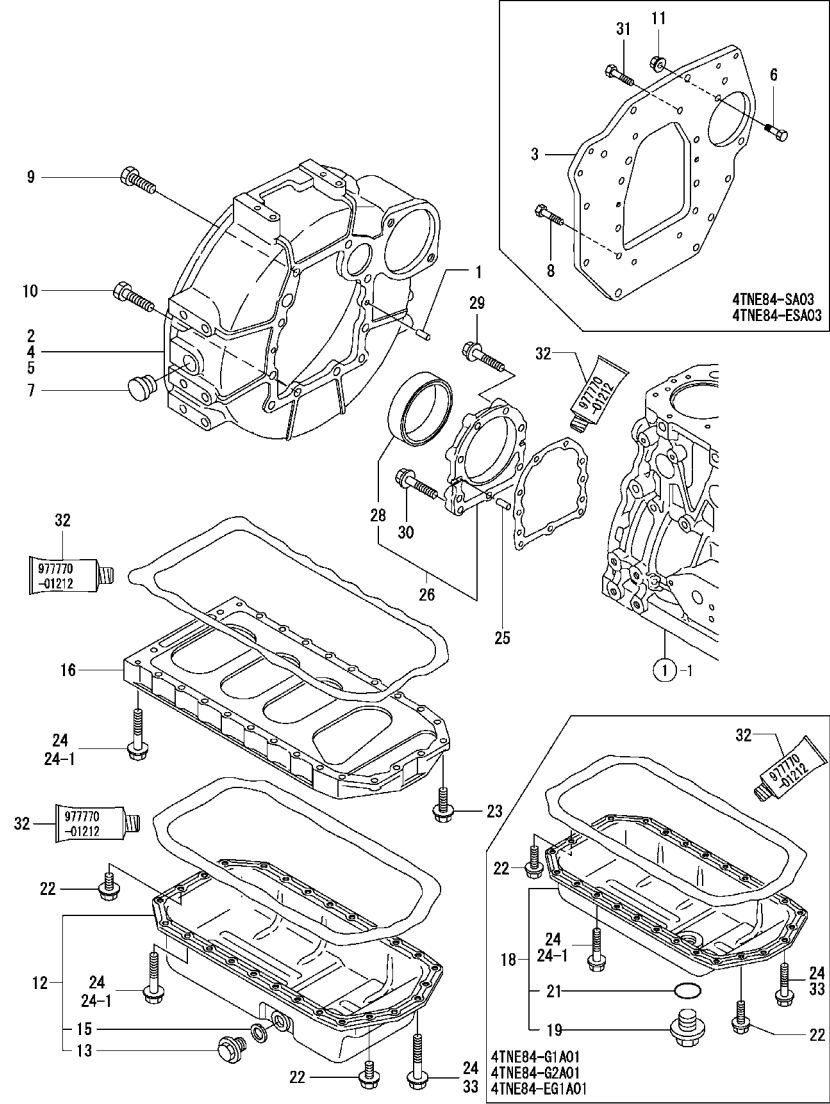


Remarks
(1) FOR PANEL.
(2) FOR(SA04)(ESA04).
(3) OPTIONAL PART.

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719810-01500	CASE ASSY, GEAR	1	1	1	1	1			
4	2	129795-01800	SEAL, OIL	1	1	1	1	1			
5	1	129400-01520	FLANGE, GEAR CASE	1	1	1	1	1			
6	1	121450-01560	STUD, M8X22	3	3	3	3	3			
7	1	124160-01751	COVER, FILLER	1	1	1	1	1			
8	1	124240-01871	COVER	1	1	1	1	1			
9	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			3
10	1	129795-01950	PIPE, KNOCK L=18	2	2	2	2	2			
11	1	129150-03100	RETAINER, PIPE	1	1	1	1	1			
12	1	121850-51960	O-RING	1	1	1	1	1			
13	1	22190-080002	WASHER, SEAL 6	4	4	4	4	4			
14	1	22190-080002	WASHER, SEAL 6	1	1	1	1	1			
15	1	24311-000160	O-RING, 1AP16.0	2	2	2	2	2			
16	1	24311-000320	O-RING, 1AP32.0	1	1	1	1	1			
17	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4	4	4			
18	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1	1			
19	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3	3			
20	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2	2			
21	1	26106-080452	BOLT, M8X 45 PLATED	6	6	6	6	6			
22	1	26106-080552	BOLT, M8X 55 PLATED	3	3	3	3	3			
23	1	129001-91841	BOLT, M8X85	4	4	4	4	4			
24	1	26366-080002	NUT, M8	3	3	3	3	3			
25	1	121023-01550	COVER	1	1	1	1	1			
26	1	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
27	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			
28	1	129150-91400	GEAR	1	1	1	1	1			1
30	2	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			1
31	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			1
32	1	171353-01520	FLANGE, GEAR CASE	1			1				2
33	1	171353-01580	CASE ASSY, GEAR	1			1				2
35	2	129795-01800	SEAL, OIL	1			1				2
36	1	124550-01590	BOLT, M8X16	4			4				2
37	2	22190-080003	WASHER, SEAL 8	4			4				2
38	2	26106-080162	BOLT, M8X 16 PLATED	4			4				2
39	1	124550-01590	BOLT, M8X16	1			1				2
40	2	22190-080003	WASHER, SEAL 8	1			1				2
41	2	26106-080162	BOLT, M8X 16 PLATED	1			1				2

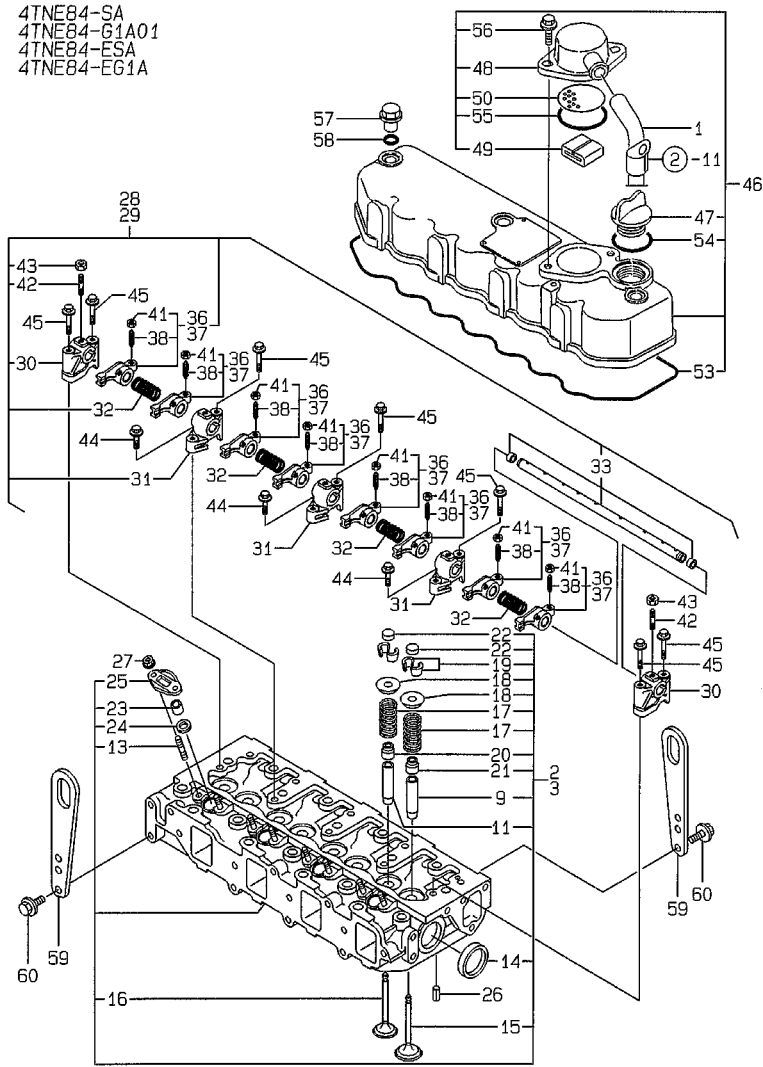
Fig.3. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1)For(SA01)(SA04)(SA05)(ESA01)(ESA04)(ESA05).
(2)For(SA03)(ESA03).
(3)For(SA02)(ESA02).
(4)For(EG1A02)(EG1A03).
(5)For(EG1A01).
(6)Optional parts.
(7)For(EG1A02)(EG1A03). For repair.

				OCR10-M51900 Fig.3							
				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01		(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2	2	2	2			
2	1	119888-01600	HOUSING, FLYWHEEL	1		1	1				1
3	1	129129-01600	FLANGE, MOUNTING	1			1				2
4	1	129612-01600	HOUSING, FLYWHEEL	1			1				3
5	1	171420-01600	HOUSING, FLYWHEEL		1			1			
6	1	121476-01620	BOLT	2			2				2
7	1	119620-01750	CAP	1	1	1	1	1			
8	1	26206-100202	BOLT, M10X 20 PLATED	6			6				2
9	1	26206-100252	BOLT, M10X 25 PLATED	6	6	6	6	6			
10	1	26206-100302	BOLT, M10X 30 PLATED	4	4	4	4	4			
11	1	26367-120002	NUT, M12	2			2				2
12	1	129400-01770	SUMP ASSY, OIL	1			1	1			4
12-1	1	129688-01780	OIL PAN ASSY, DEEP					1		N	7
				(E=REF. TO R)							
13	2	119640-01640	PLUG, DRAIN M22	1			1	1			4
15	2	22190-220002	WASHER, SEAL 22	1			1	1			4
16	1	129400-01730	SPACER, OIL SUMP	1	1	1	1	1			
18	1	729402-01540	SUMP ASSY, OIL		1	1		1			5
19	2	119640-01640	PLUG, DRAIN M22		1	1		1			5
21	2	22190-220002	WASHER, SEAL 22		1	1		1			5
22	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4	4			
23	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2	2			
24	1	26106-080452	BOLT, M8X 45 PLATED	24	24	24	24	24			
24-1	1	26106-080452	BOLT, M8X 45 PLATED	20	20	20	20	20		K	
(A=FROM 1ST)		(B=FROM 1ST)	(C=FROM 1ST)	(D=FROM 1ST)	(E=FROM 1ST)						
25	1	129100-01580	PIN, M8X16	2	2	2	2	2			
26	1	129100-01640	CASE ASSY, OIL SEAL	1	1	1	1	1			
28	2	129795-01780	SEAL, OIL	1	1	1	1	1			
29	1	129486-01670	BOLT, M8X30	6	6	6	6	6			
30	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3	3	3			
31	1	26206-100252	BOLT, M10X 25 PLATED	4			4				2
32	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			6
33	1	26106-080502	BOLT, M8X 50 PLATED	4	4	4	4	4		W	
(A=FROM 1ST)		(B=FROM 1ST)	(C=FROM 1ST)	(D=FROM 1ST)	(E=FROM 1ST)						

Fig.4. CYLINDER HEAD & BONNET



(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171350-03090	PIPE , BREATHER 900	1	1		1	1			
2	1	129407-11700	HEAD ASSY, CYLINDER	1	1						
3	1	129457-11700	HEAD ASSY, CYLINDER				1	1			
9	2	120130-11860	GUIDE, VALVE	4	4		4	4			1
11	2	129150-11810	GUIDE, VALVE	4	4		4	4			1
13	2	26216-060202	STUD, M6X 20	8	8		8	8			
14	2	27241-400000	PLUG, 40	2	2		2	2			
15	2	129100-11100	VALVE, INTAKE	4	4		4	4			
16	2	129100-11110	VALVE, EXHAUST	4	4		4	4			
17	2	129795-11120	SPRING, VALVE	8	8		8	8			
18	2	129795-11180	RETAINER, SPRING	8	8		8	8			
19	2	27310-080001	COTTER, 8	8	8		8	8			
20	2	121400-11340	SEAL, VALVE STEM	4	4		4	4			
21	2	124460-11340	SEAL, VALVE STEM	4	4		4	4			
22	2	129150-11370	CAP, VALVE	8	8		8	8			
23	2	119625-11870	PROTECTOR, NOZZLE	4	4		4	4			
24	2	119625-11880	SEAT, NOZZLE	4	4		4	4			
25	2	119625-11900	RETAINER, NOZZLE	4	4		4	4			
26	1	22351-060012	PIN, SPRING 6.0X12	2	2		2	2			
27	1	26366-060002	NUT, M6	8	8		8	8			
28	1	129555-11241	SHAFT ASSY, ROCKER	1			1				
29	1	129500-11240	SHAFT ASSY, ROCKER		1			1			
30	2	129155-11260	SUPPORT, ROCKER ARM	2	2		2	2			
31	2	129155-11270	SUPPORT, ROCKER ARM	3	3		3	3			
32	2	129150-11280	SPRING	4	4		4	4			
33	2	129550-11290	SHAFT, ROCKER ARM	1	1		1	1			
36	2	729402-11650	ARM ASSY, ROCKER	8			8				
37	2	129100-11650	ARM, ROCKER		8			8			
38	3	129150-11230	SCREW, VALVE ADJUST	8	8		8	8			
41	3	129150-11750	NUT, M8	8	8		8	8			
42	2	26226-080182	STUD, M8X 18	3	3		3	3			
43	2	26756-080002	NUT, LOCK M8	3	3		3	3			
44	1	26106-080252	BOLT, M8X 25 PLATED	3	3		3	3			
45	1	26106-080502	BOLT, M8X 50 PLATED	7	7		7	7			
46	1	129400-11350	BONNET ASSY, HEAD	1	1		1	1			
47	2	124160-01751	COVER, FILLER	1	1		1	1			
48	2	129150-03020	COVER, BREATHER	1	1		1	1			
49	2	129150-03070	BAFFLE, BREATHER	1	1		1	1			
50	2	129150-03080	PLATE, BAFFLE	1	1		1	1			
53	2	129550-11310	GASKET, BONNET	1	1		1	1			
54	2	24311-000320	O-RING, 1AP32.0	1	1		1	1			
55	2	24341-000500	O-RING, 1AS50.0	1	1		1	1			
56	2	26106-080162	BOLT, M8X 16 PLATED	2	2		2	2			
57	1	124160-11360	KNOB	3	3		3	3			
58	1	24311-000120	O-RING, 1AP12.0	3	3		3	3			
59	1	129900-07900	LIFTER	2	2		2	2			
60	1	26106-080162	BOLT, M8X 16 PLATED	4	4		4	4			

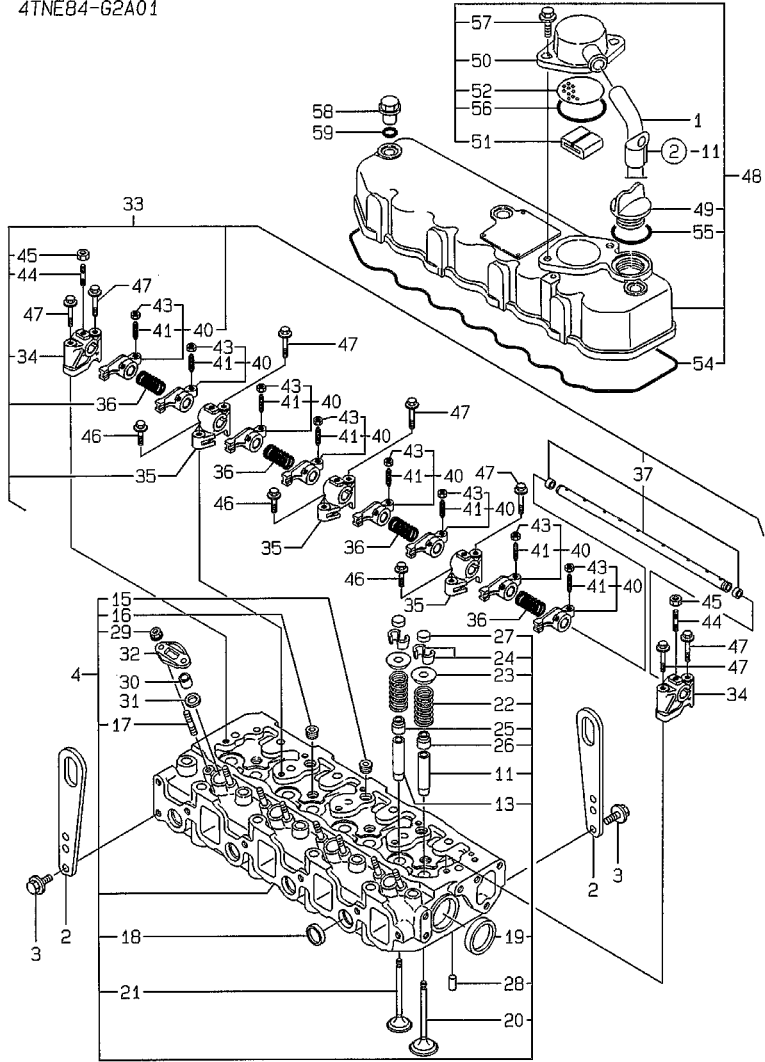
Remarks
(1) REPAIR PART.

Fig.5. CYLINDER HEAD & BONNET

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

4TNE84-G2A01



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171350-03090	PIPE , BREATHER 900			1					
2	1	129900-07900	LIFTER			2					
3	1	26106-080162	BOLT, M8X 16 PLATED			4					
4	1	729408-11701	HEAD ASSY, CYLINDER			1					
11	2	120130-11860	GUIDE, VALVE			4					1
13	2	129150-11810	GUIDE, VALVE			4					1
15	2	23871-020000	PLUG, R02			3					
16	2	23871-030000	PLUG, R03			4					
17	2	26216-060202	STUD, M6X 20			8					
18	2	27241-220000	PLUG, 22			4					
19	2	27241-400000	PLUG, 40			2					
20	2	129100-11100	VALVE, INTAKE			4					
21	2	129100-11130	VALVE, EXHAUST			4					
22	2	129795-11120	SPRING, VALVE			8					
23	2	129795-11180	RETAINER, SPRING			8					
24	2	27310-080001	COTTER, 8			8					
25	2	121400-11340	SEAL, VALVE STEM			4					
26	2	124460-11340	SEAL, VALVE STEM			4					
27	2	129150-11370	CAP, VALVE			8					
28	2	22351-060012	PIN, SPRING 6.0X12			2					
29	2	26366-060002	NUT, M6			8					
30	1	119625-11870	PROTECTOR, NOZZLE			4					
31	1	119625-11880	SEAT, NOZZLE			4					
32	1	119625-11900	RETAINER, NOZZLE			4					
33	1	129555-11241	SHAFT ASSY, ROCKER			1					
34	2	129155-11260	SUPPORT, ROCKER ARM			2					
35	2	129155-11270	SUPPORT, ROCKER ARM			3					
36	2	129150-11280	SPRING			4					
37	2	129550-11290	SHAFT, ROCKER ARM			1					
40	2	729402-11650	ARM ASSY, ROCKER			8					
41	3	129150-11230	SCREW, VALVE ADJUST			8					
43	3	129150-11750	NUT, M8			8					
44	2	26226-080182	STUD, M8X 18			3					
45	2	26756-080002	NUT, LOCK M8			3					
46	1	26106-080252	BOLT, M8X 25 PLATED			3					
47	1	26106-080502	BOLT, M8X 50 PLATED			7					
48	1	129400-11350	BONNET ASSY, HEAD			1					
49	2	124160-01751	COVER, FILLER			1					
50	2	129150-03020	COVER, BREATHER			1					
51	2	129150-03070	BAFFLE, BREATHER			1					
52	2	129150-03080	PLATE, BAFFLE			1					
54	2	129550-11310	GASKET, BONNET			1					
55	2	24311-000320	O-RING, 1AP32.0			1					
56	2	24341-000500	O-RING, 1AS50.0			1					
57	2	26106-080162	BOLT, M8X 16 PLATED			2					
58	1	124160-11360	KNOB			3					
59	1	24311-000120	O-RING, 1AP12.0			3					

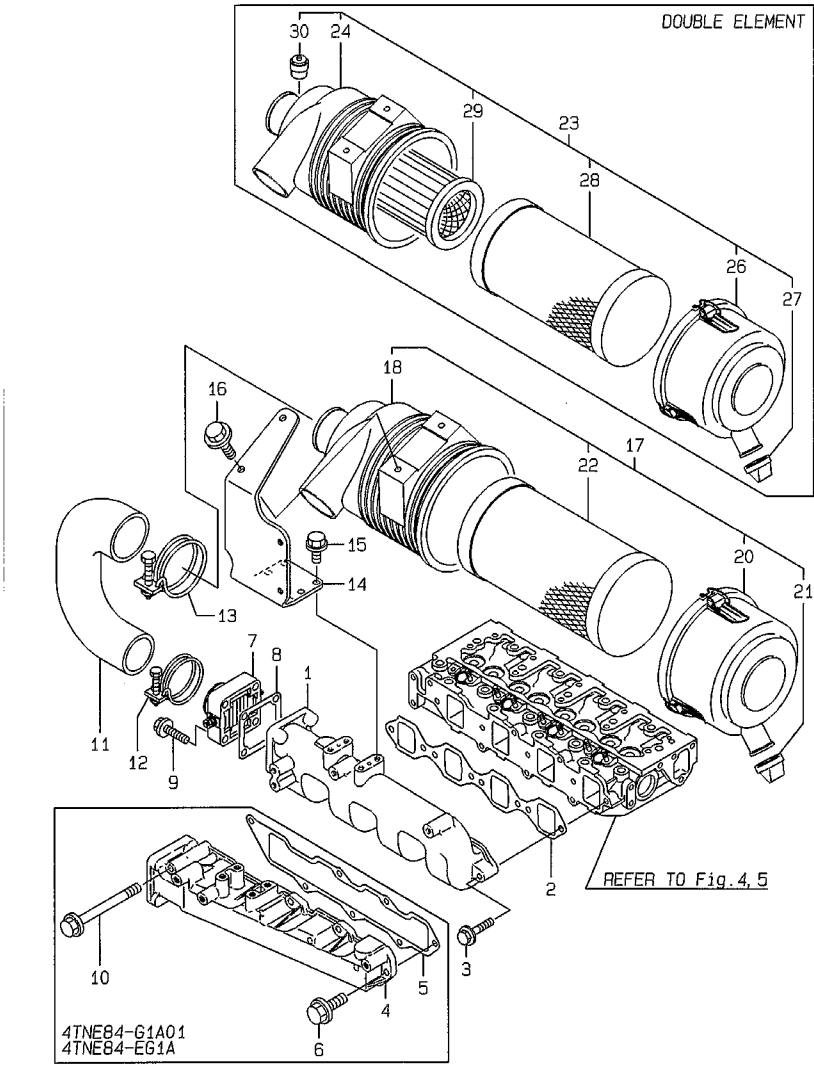
Remarks
(1) REPAIR PART.

Fig.6. SUCTION MANIFOLD & AIR CLEANER

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129488-12100	MANIFOLD, AIR INTAKE	1		1	1				
2	1	129550-12111	GASKET, MANIFOLD	1		1	1				
3	1	26106-080352	BOLT, M8X 35 PLATED	5		5	5				
4	1	129407-12100	MANIFOLD, AIR INTAKE		1			1			
5	1	129407-12110	GASKET, MANIFOLD		1			1			
6	1	26106-080202	BOLT, M8X 20 PLATED		6			6			
7	1	129120-77501	HEATER	1	1	1	1	1			
8	1	129150-77511	GASKET	1	1	1	1	1			
9	1	26106-080352	BOLT, M8X 35 PLATED	4	4	4	4	4			
10	1	26106-080802	BOLT, M8X 80 PLATED		1			1			
11	1	129609-12210	HOSE ASSY, INTAKE	1	1	1	1	1			
12	1	23000-060000	CLAMP, 60	1	1	1	1	1			
13	1	23000-080000	CLAMP, 80	1	1	1	1	1			
14	1	129609-12550	BRACKET, AIR CLEANER	1	1	1	1	1			
15	1	26106-080182	BOLT, M8X 18 PLATED	4	4	4	4	4			
16	1	26106-080182	BOLT, M8X 18 PLATED	2	2	2	2	2			
17	1	129609-12500	CLEANER ASSY, AIR	1	1	1	1	1			1
18	2	129609-12530	BODY, AIR CLEANER	1	1	1	1	1			1
20	2	129900-12530	COVER ASSY	1	1	1	1	1			1
21	2	119808-12540	VALVE, UNLOADER	1	1	1	1	1			1
22	2	129062-12560	ELEMENT	1	1	1	1	1			1
23	1	129609-12510	CLEANER ASSY, AIR	1	1	1	1	1			2
24	2	129609-12520	BODY, AIR CLEANER	1	1	1	1	1			2
26	2	129900-12530	COVER ASSY	1	1	1	1	1			2
27	2	119808-12540	VALVE, UNLOADER	1	1	1	1	1			2
28	2	129062-12560	ELEMENT	1	1	1	1	1			2
29	2	119005-12571	ELEMENT	1	1	1	1	1			2
30	2	126650-12680	INDICATOR	1	1	1	1	1			2

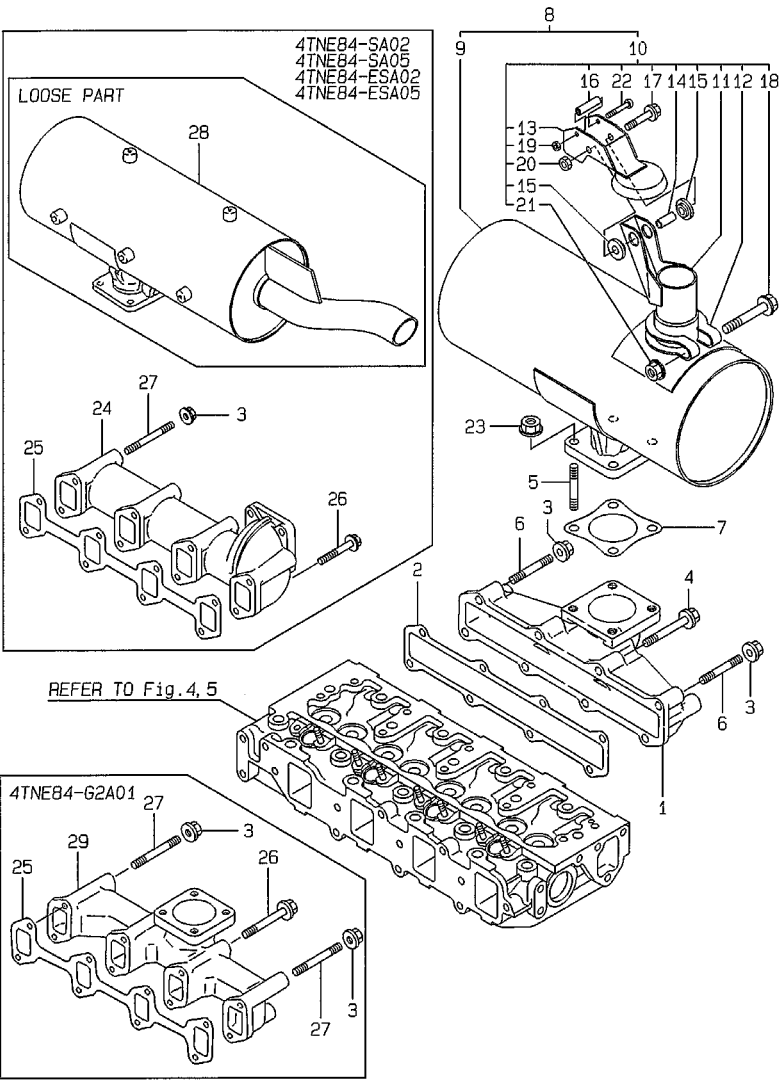


Remarks
(1) FOR SINGLE ELEMENT.
(2) FOR DOUBLE ELEMENT.

Fig.7. EXHAUST MANIFOLD & SILENCER

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

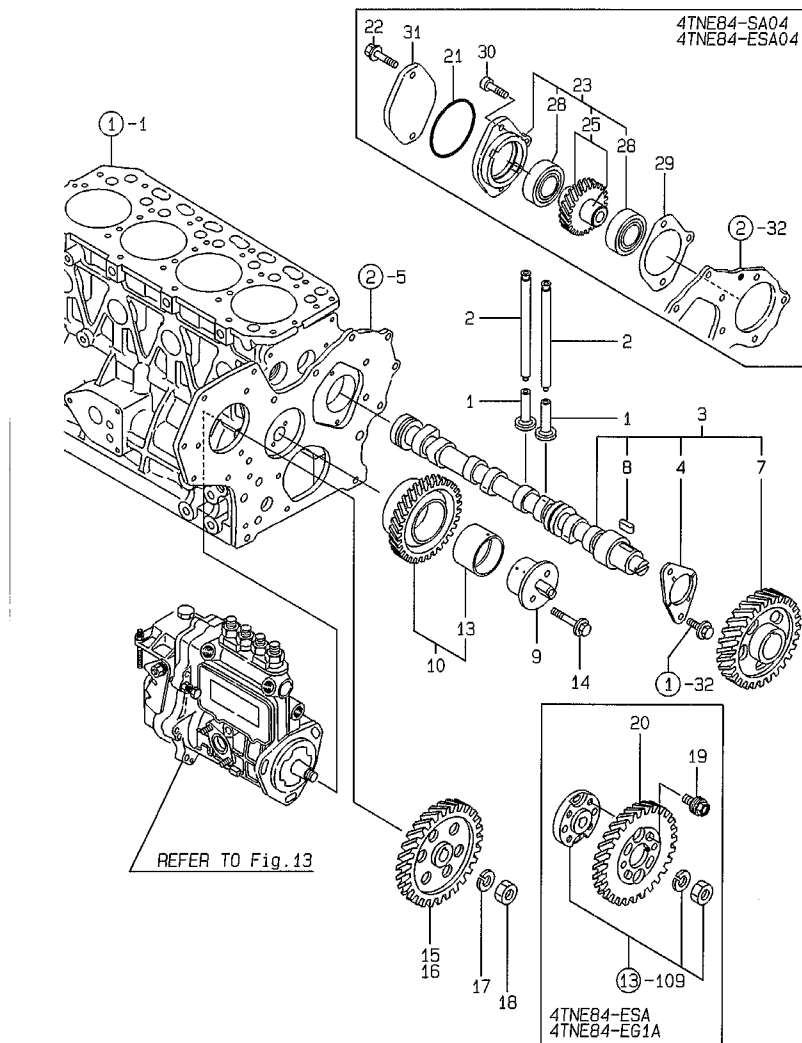
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-13100	MANIFOLD, EXHAUST	1	1		1	1			
2	1	129407-13110	GASKET	1	1		1	1			
3	1	26366-080002	NUT, M8	2	2	2	2	2			
4	1	26106-080402	BOLT, M8X 40 PLATED	6	6		6	6			
5	1	119131-18320	STUD, M8X22	4	4	4	4	4			
6	1	26216-080402	STUD, M8X 40	2	2		2	2			
7	1	129400-13201	GASKET, SILENCER	2	2	2	2	2			
8	1	129420-13501	SILENCER	1	1	1	1	1			
9	2	129420-13530	SILENCER ASSY	1	1	1	1	1			
10	2	129420-13540	PIPE ASSY, TAIL	1	1	1	1	1			
11	3	129420-13550	PIPE, TAIL	1	1	1	1	1			
12	3	121850-13580	CLAMP	1	1	1	1	1			
13	3	128300-13640	CAP	1	1	1	1	1			
14	3	121855-13821	SPACER, A	1	1	1	1	1			
15	3	121855-13830	SPACER, B	2	2	2	2	2			
16	3	123500-13840	SPACER, C	1	1	1	1	1			
17	3	26106-060402	BOLT, M6X 40 PLATED	1	1	1	1	1			
18	3	26106-100602	BOLT, M10X 60 PLATED	1	1	1	1	1			
19	3	26347-040002	NUT, M4	1	1	1	1	1			
20	3	26347-060002	NUT, M6	1	1	1	1	1			
21	3	26366-100002	NUT, M10	1	1	1	1	1			
22	3	26557-040352	SCREW, M4X35	1	1	1	1	1			
23	1	26366-080002	NUT, M8	4	4	4	4	4			
24	1	129400-13101	MANIFOLD, EXHAUST	1			1				1
25	1	129550-13110	GASKET	1		1	1				1
26	1	26106-080802	BOLT, M8X 80 PLATED	6		6	6				1
27	1	26216-080802	STUD, M8X 80	2		2	2				1
28	1	129411-13500	SILENCER	1			1				1
29	1	129411-13100	MANIFOLD, EXHAUST			1					

Remarks
(1) FOR(SA02)(SA05)(ESA02)(ESA05).

Fig.8. CAMSHAFT & DRIVING GEAR



				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01	(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-14200	TAPPET	8	8	8	8	8			
2	1	129150-14400	ROD, PUSH L=178	8	8	8	8	8			
3	1	729402-14580	CAMSHAFT ASSY	1	1	1	1	1			
4	2	129150-02450	BEARING, THRUST	1	1	1	1	1			
7	2	129150-14101	GEAR, CAMSHAFT	1	1	1	1	1			
8	2	22512-070140	KEY, 7X 14	1	1	1	1	1			
9	1	129100-25061	SHAFT, IDLE	1	1	1	1	1			
10	1	129150-25101	GEAR ASSY, IDLE	1	1	1	1	1			
13	2	129150-25920	BUSH, IDLE GEAR	1	1	1	1	1			1
14	1	26106-080452	BOLT, M8X 45 PLATED	2	2	2	2	2			
15	1	129150-25900	GEAR, PUMP	1	1						
16	1	129100-25900	GEAR, PUMP			1					
17	1	22217-120000	WASHER, SPRING 12	1	1	1					
18	1	26716-120002	NUT, M12	1	1	1					
19	1	129150-25301	BOLT				4	4			
20	1	129150-25931	GEAR, PUMP				1	1			
21	1	24321-000850	O-RING, 1AG85.0	1			1				2
22	1	26106-100452	BOLT, M10X 45 PLATED	2			2				2
23	1	171353-26000	PTO ASSY	1			1				2
25	2	171353-26200	GEAR ASSY	1			1				2
28	2	24105-060064	BEARING, BALL 6006Z	2			2				2
29	1	171353-26081	GASKET	1			1				2
30	1	26450-080282	BOLT, M8X 28	1			1				2
31	1	121023-26070	COVER	1			1				2

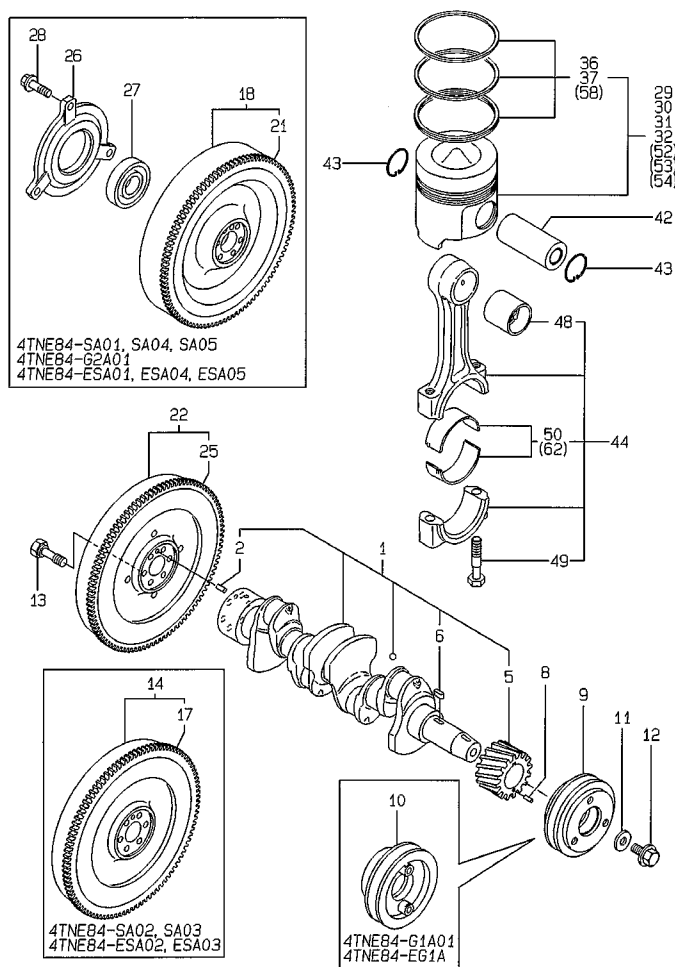
Remarks

- (1) REPAIR PART.
(2) FOR(SA04)(ESA04).

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

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Fig.9. CRANKSHAFT & PISTON



Remarks

- (1) FOR(SA02)(SA03)(ESA02)(ESA03).
- (2) FOR(SA01)(SA04)(SA05)(ESA01)(ESA04)(ESA05).
- (3) REPAIR PART.
- (4) OVER-SIZED(O.S=0.25)PART.
- (5) UNDER-SIZED(U.S=0.25)PART.

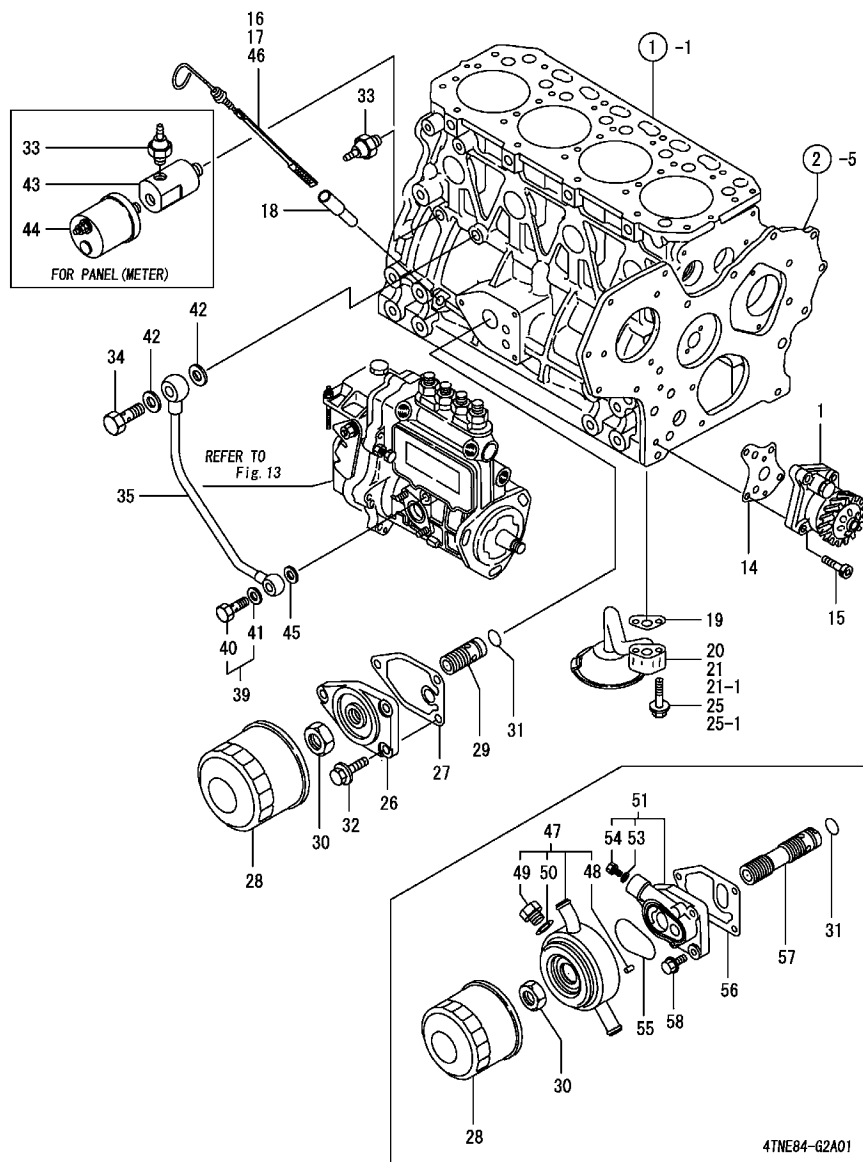
(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	129407-21000	CRANKSHAFT ASSY	1	1	1	1	1		
1-1	1	129407-21100	CRANKSHAFT ASSY	1	1	1	1	1		R
		(A=E31573)	(B=E31572)	(C=E31835)	(D=E31587)	(E=E32611)				
2	2	129100-01580	PIN, M8X16	1	1	1	1	1		
5	2	129150-21200	GEAR, CRANKSHAFT	1	1	1	1	1		
6	2	22512-070140	KEY, 7X 14	1	1	1	1	1		
8	1	22351-040010	PIN, SPRING 4.0X10	1	1	1	1	1		
9	1	171301-21650	V-PULLEY	1		1	1			
10	1	129550-21650	V-PULLEY		1			1		
11	1	129795-21661	WASHER	1	1	1	1	1		
12	1	121850-21680	BOLT	1	1	1	1	1		
13	1	121111-21501	BOLT, FLYWHEEL	6	6	6	6	6		
14	1	171420-21580	FLYWHEEL ASSY	1			1			1
17	2	119865-21600	GEAR, RING	1			1			1
18	1	129488-21590	FLYWHEEL ASSY	1		1	1			2
21	2	119865-21600	GEAR, RING	1		1	1			2
22	1	171420-21590	FLYWHEEL ASSY		1			1		
25	2	124550-21600	GEAR, RING		1			1		
26	1	119888-21450	RETAINER, BEARING	1			1			2
27	1	24104-062054	BEARING, BALL 6205UU	1			1			2
28	1	26106-080222	BOLT, M8X 22 PLATED	3			3			2
29	1	129002-22081	PISTON ASSY	4	4					
30	1	129002-22090	PISTON ASSY			4				
31	1	129002-22070	PISTON ASSY				4			
32	1	129002-22120	PISTON ASSY					4		
36	2	129002-22500	RING SET, PISTON	4	4		4	4		
37	2	129002-22510	RING SET, PISTON			4				
42	1	129202-22300	PIN, PISTON D26 L70	4	4	4	4	4		
43	1	22252-000260	RING, 26	8	8	8	8	8		
44	1	729402-23100	ROD ASSY, CONNECTING	4	4	4	4	4		
48	2	129100-23910	BEARING, PISTON PIN	4	4	4	4	4		3
49	2	121550-23200	BOLT, CONNECTING ROD	8	8	8	8	8		
50	2	129150-23600	BEARING, CRANK PIN	4	4	4	4	4		
52	1	129002-22910	PISTON ASSY, 0.25 OS	4	4	4				4
53	1	129002-22930	PISTON ASSY, 0.25 OS				4			4
54	1	129002-22940	PISTON ASSY, 0.25 OS					4		4
58	2	129002-22960	RING SET, 0.25 OS	4	4	4	4	4		4
62	1	129150-23610	BEARING, 0.25 US	4	4	4	4	4		5

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

Fig.10. LUB.OIL SYSTEM

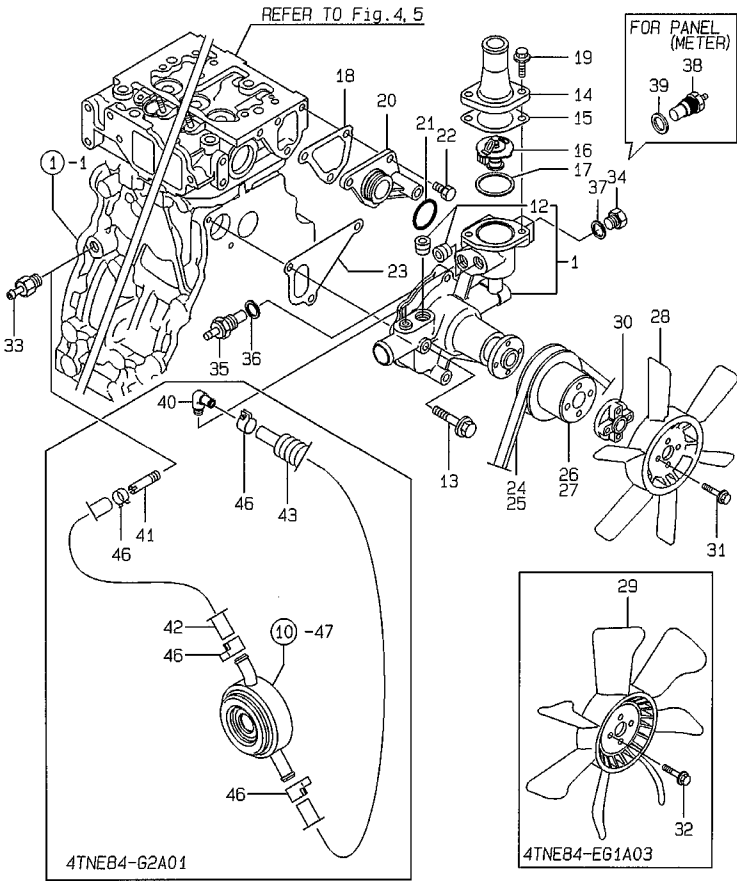


Remarks
(1) FOR(EG1A01).
(2) FOR PANEL(METER).

				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01				(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	129407-32000	PUMP ASSY, OIL	1	1	1	1	1				
14	1	129150-32020	GASKET, PUMP	1	1	1	1	1				
15	1	26450-060252	BOLT, M6X 25	4	4	4	4	4				
16	1	171420-34800	DIPSTICK, OIL	1			1	1				
17	1	129136-34800	DIPSTICK, OIL		1			1			1	
18	1	121520-34810	GUIDE, DIPSTICK	1	1		1	1				
19	1	129150-35041	GASKET	1	1	1	1	1				
19-1	1	129150-35042	GASKET		1	1		1			N	
		(B=EXXXXX)	(C=EXXXXX)	(E=EXXXXX)								
20	1	129150-35091	PIPE ASSY, OIL INLET	1			1	1				
21	1	129436-35091	PIPE ASSY, OIL INLET		1	1		1			1	
21-1	1	129436-35070	PIPE ASSY		1	1		1			S	
		(B=EZZZZZ)	(C=EZZZZZ)	(E=EZZZZZ)								
25	1	26106-080352	BOLT, M8X 35 PLATED	2	2	2	2	2				
25-1	1	26106-080552	BOLT, M8X 55 PLATED		2	2		2			S	
		(B=EZZZZZ)	(C=EZZZZZ)	(E=EZZZZZ)								
26	1	129150-35101	BRACKET, STRAINER	1	1		1	1				
27	1	129150-35111	GASKET	1	1		1	1				
28	1	129150-35151	FILTER, D80XL80	1	1	1	1	1				
29	1	129001-35300	BOLT, FILTER	1	1		1	1				
30	1	129150-35350	NUT	1	1	1	1	1				
31	1	24311-000160	O-RING, 1AP16.0	1	1	1	1	1				
32	1	26106-080202	BOLT, M8X 20 PLATED	3	3		3	3				
33	1	124160-39450	SWITCH, 0.5KG	1	1	1	1	1				
33-1	1	114250-39450	SWITCH, 0.5KG	1	1	1	1	1			N	
		(A=E17760)	(B=E17834)	(C=E18465)	(D=E30053)	(E=E18082)						
34	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1	1				
35	1	129550-39450	PIPE ASSY, OIL	1	1	1	1	1				
39	1	124550-59830	BOLT ASSY, JOINT M8	1	1	1	1	1				
40	2	124550-59820	BOLT, PIPE JOINT M8	1	1	1	1	1				
41	2	22190-080002	WASHER, SEAL 6	1	1	1	1	1				
42	1	22190-100002	WASHER, SEAL 10	2	2	2	2	2				
43	1	171375-39601	DAMPER, 1/8	1	1	1	1	1			2	
44	1	144626-91560	SENSOR	1	1	1	1	1			2	
45	1	22190-080002	WASHER, SEAL 6	1	1	1	1	1				
46	1	129608-34800	DIPSTICK, OIL				1					
47	1	129417-33000	COOLER ASSY, OIL				1					
48	2	129120-33041	PIN			2						
49	2	129120-33051	PLUG, DRAIN			1						
50	2	129120-33060	GASKET			1						
51	1	129120-35001	BRACKET ASSY			1						
53	2	23414-100000	GASKET, 10X1.0			1						
54	2	23881-100002	PLUG, 10			1						
55	1	129120-35110	GASKET			1						
56	1	129120-35121	GASKET			1						
57	1	129407-35300	BOLT, FILTER			1						
58	1	26106-080252	BOLT, M8X 25 PLATED			3						

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

Fig.11. COOLING WATER SYSTEM

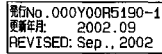


Remarks
(1) FOR(SA04)(ESA04).
(2) FOR(EG1A03).
(3) FOR PANEL(METER).

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

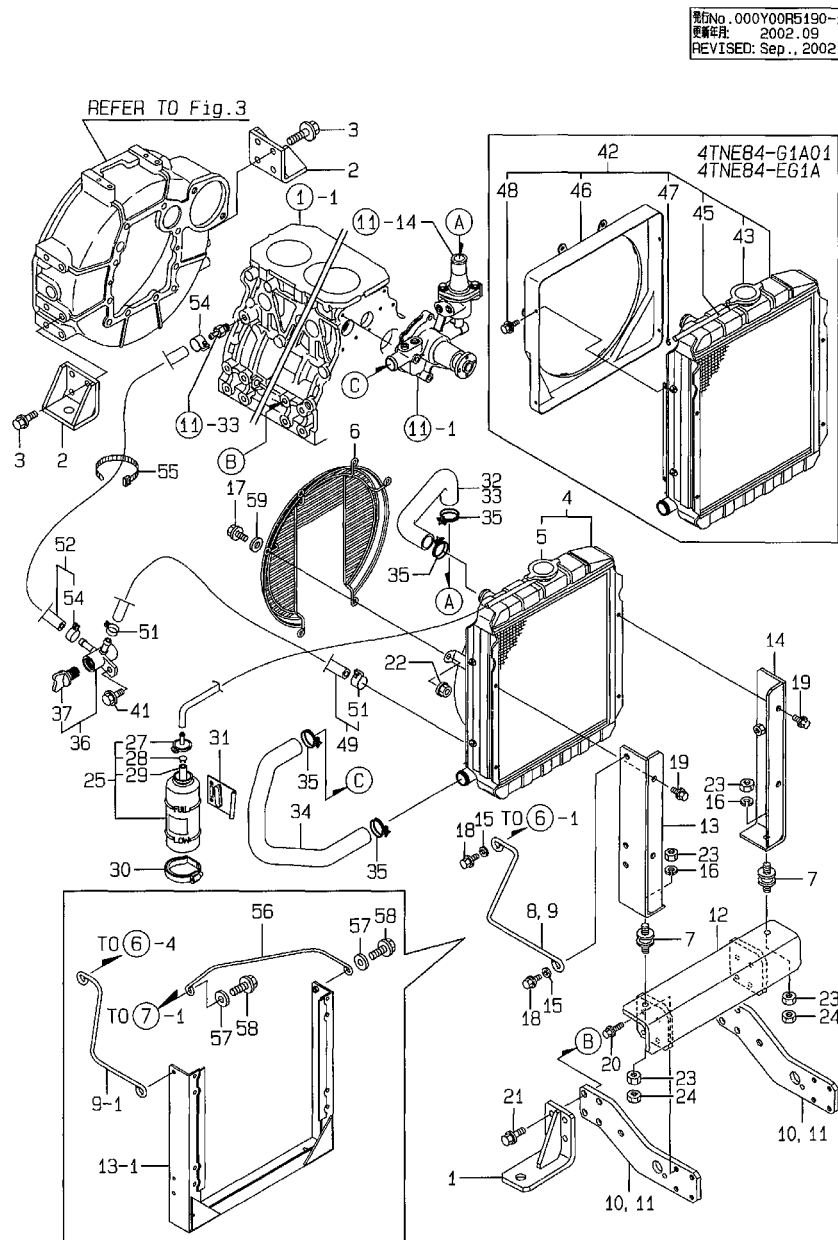
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-42002	PUMP ASSY, WATER	1	1	1	1	1			
1-1	1	129001-42003	PUMP ASSY, WATER	1	1	1	1	1		N	
		(A=E14813)	(B=E15961)	(C=E14815)	(D=E15591)	(E=E15110)					
12	2	23871-030000	PLUG, R03	2	2	2	2	2			
12-1	2	23876-030000	PLUG, R03	2	2	2	2	2		N	
		(A=E14813)	(B=E15961)	(C=E14815)	(D=E15591)	(E=E15110)					
13	1	26106-080602	BOLT, M8X 60 PLATED	3	3	3	3	3			
14	1	129350-49560	COVER, THERMOSTAT	1	1	1	1	1			
15	1	129795-49551	GASKET	1	1	1	1	1			
16	1	129155-49800	THERMOSTAT, 71	1	1	1	1	1			
17	1	129150-49811	GASKET, THERMOSTAT	1	1	1	1	1			
18	1	129100-49840	GASKET	1	1	1	1	1			
18-1	1	124395-49840	GASKET	1	1	1	1	1		N	
		(A=E30623)	(B=E30099)	(C=E30602)	(D=E30053)	(E=E30010)					
19	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2	2			
20	1	129001-42040	JOINT	1	1	1	1	1			
21	1	24321-000300	O-RING, 1AG30.0	1	1	1	1	1			
21-1	1	129486-42140	O-RING, G30	1	1	1	1	1		N	
		(A=E16018)	(B=E15961)	(C=E16392)	(D=E15604)	(E=E15829)					
22	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3	3			
23	1	129100-42020	GASKET, WATER PUMP	1	1	1	1	1			
23-1	1	129486-42021	GASKET, WATER PUMP	1	1	1	1	1		N	
		(A=E14813)	(B=E15961)	(C=E14815)	(D=E15591)	(E=E15110)					
24	1	25132-003700	V-BELT, A37	1			1				1
25	1	25132-003800	V-BELT, A38	1	1	1	1	1			
26	1	129403-42380	V-PULLEY, D=110	1		1	1				
27	1	129155-42350	V-PULLEY		1			1			
28	1	129403-44740	FAN, COOLING 370	1	1	1	1	1			
29	1	121267-44741	FAN, COOLING D=360					1			2
30	1	121267-44760	SPACER	1	1	1	1	1			
31	1	26106-060302	BOLT, M6X 30 PLATED	4	4	4	4	4			
32	1	26014-060302	BOLT, M6X 30					4			2
33	1	121550-49111	JOINT, PT1/4	1	1		1	1			
34	1	121450-42450	PLUG, M16	1	1	1	1	1			
35	1	121250-44901	SWITCH, 110	1	1	1	1	1			
36	1	124465-44950	GASKET, 16	1	1	1	1	1			
37	1	124465-44950	GASKET, 16	1	1	1	1	1			
38	1	124250-49351	SENSOR	1	1	1	1	1			3
39	1	129150-49360	GASKET	1	1	1	1	1			3
40	1	129103-49301	ELBOW, PT1/4			1					
41	1	129122-44480	JOINT			1					
42	1	129211-49030	PIPE, WATER			1					
43	1	129608-49060	PIPE ASSY, WATER			1					
46	1	23000-022000	CLAMP, 22			4					

Fig.12. RADIATOR



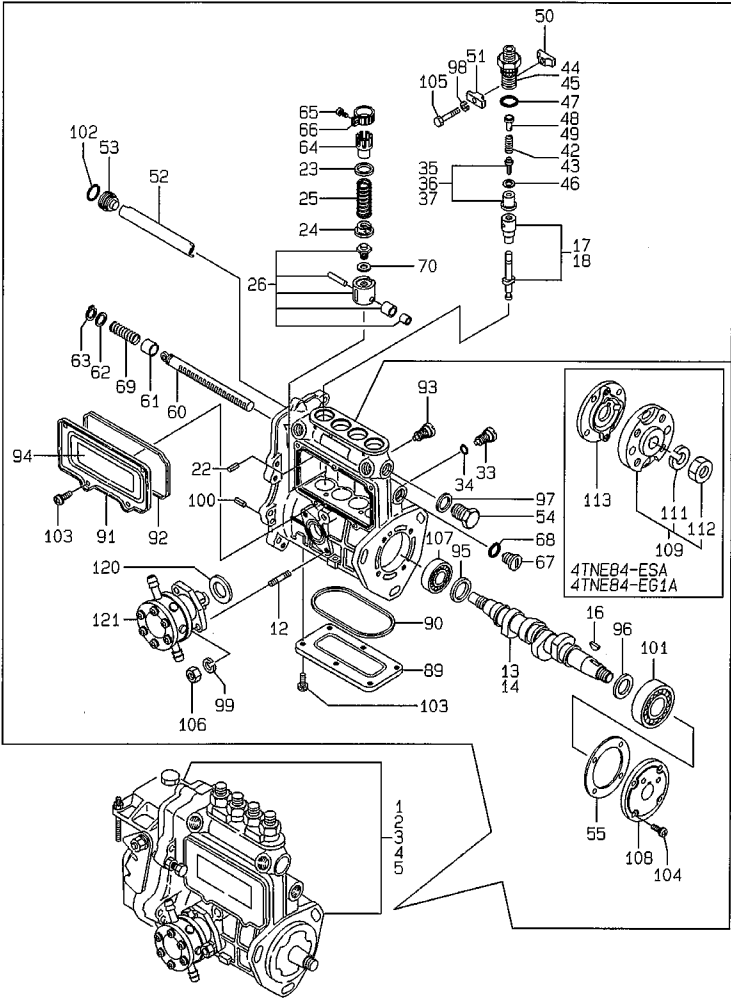
				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01					(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129188-08100	FOOT	2	2		2	2			
2	1	119888-08110	FOOT	2	2		2	2			
3	1	26106-100202	BOLT, M10X 20 PLATED	8	8		8	8			
4	1	129422-44500	RADIATOR	1		1	1				
5	2	123682-44210	CAP, RADIATOR	1		1	1				
6	1	129420-44560	PROTECTOR, FAN	1	1	1	1	1			
7	1	121400-44650	ABSORBER	2	2		2	2			
8	1	129488-44940	RETAINER, RADIATOR	1			1				
9	1	129608-44940	RETAINER, RADIATOR		1			1			
9-1	1	129619-44941	RETAINER, RADIATOR		1			1		N	
		(B=E35862)			(E=E39635)						
10	1	129608-44950-1	BRACKET	2			2				
11	1	129188-44950	BRACKET		2			2			
12	1	129488-44960	BRACKET, RADIATOR	1	1		1	1			
13	1	129488-44971-2	SUPPORT, A	1	1		1	1			
13-1	1	129619-44971	SUPPORT, RADIATOR	1	1		1	1		N	
	(A=E35887)	(B=E35862)		(D=E36852)	(E=E39635)						
13-2	1	129619-44972	SUPPORT, RADIATOR	1	1		1	1		N	
	(A=E42889)	(B=E42251)		(D=E42462)	(E=E42681)						
14	1	129488-44981-2	SUPPORT, B	1	1		1	1		Z	
	(A=E35887)	(B=E35862)		(D=E36852)	(E=E39635)						
15	1	22137-080000	WASHER, 8	2	2		2	2			
16	1	22217-100000	WASHER, SPRING 10	2	2		2	2			
17	1	26106-080122	BOLT, M8X 12 PLATED	6	6	6	6	6			
17-1	1	26106-080142	BOLT, M8X 14 PLATED	6	6		6	6		N	
	(A=EXXX)	(B=EXXX)		(D=EXXX)	(E=EXXX)						
18	1	26106-080162	BOLT, M8X 16 PLATED	2	2		2	2			
19	1	26106-080202	BOLT, M8X 20 PLATED	4	4		4	4			
20	1	26106-080252	BOLT, M8X 25 PLATED	8	8		8	8			
21	1	26106-100302	BOLT, M10X 30 PLATED	8	8		8	8			
22	1	26366-080002	NUT, M8	6	6	6	6	6			
23	1	26716-100002	NUT, M10	4	4		4	4			
24	1	26756-100002	NUT, LOCK M10	2	2		2	2			
25	1	124450-44510	TANK ASSY, SUB	1	1	1	1	1			
27	2	124450-44530	CAP	1	1	1	1	1			
28	2	124450-44560	RETAINER	1	1	1	1	1			
29	2	23061-070230	PIPE, 7X 230	1	1	1	1	1			
30	1	124450-44550	BAND	1	1	1	1	1			
31	1	121256-44600	BRACKET, SUB TANK	1	1	1	1	1			
32	1	171420-49010	PIPE, WATER		1			1			
33	1	171440-49010	PIPE, WATER	1		1	1				
34	1	171420-49020	PIPE, WATER	1	1	1	1	1			
35	1	23010-038000	CLAMP, 38	4	4	4	4	4			
36	1	129150-49100	COCK ASSY, 3-WAY	1	1	1	1	1			
37	2	129150-49080	COCK, DRAIN	1	1	1	1	1			
41	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1	1			
42	1	129420-44500	RADIATOR		1			1			
43	2	119259-44570	CAP, RADIATOR		1			1			
45	2	129132-44530	HOSE, RUBBER		1			1			
46	2	129420-44550	SHROUD ASSY		1			1			
47	2	121250-44590	CLAMP		2			2			

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	26014-060122	BOLT, M6X 12		4			4			
49	1	119623-49100	PIPE, WATER	1	1		1	1			
51	2	124766-59050	CLIP, HOSE 12	2	2		2	2			
52	1	129609-49100	PIPE ASSY, WATER	1	1		1	1			
54	2	124766-59050	CLIP, HOSE 12	2	2		2	2			
55	1	121750-59890	BAND, 140	1	1		1	1			
56	1	129619-44951	RETAINER, RADIATOR	1	1		1	1		W	
	(A=E35887)	(B=E35862)	(D=E36852)		(E=E39635)						
57	1	22157-060000	WASHER, 6	2	2		2	2		W	
	(A=E35887)	(B=E35862)	(D=E36852)		(E=E39635)						
58	1	26106-060142	BOLT, M6X 14 PLATED	2	2		2	2		W	
	(A=E35887)	(B=E35862)	(D=E36852)		(E=E39635)						
59	1	22137-080000	WASHER, 8	6	6		6	6		W	
	(A=EXXX)	(B=EXXX)	(D=EXXX)		(E=EXXX)						

Fig.13. FUEL INJECTION PUMP

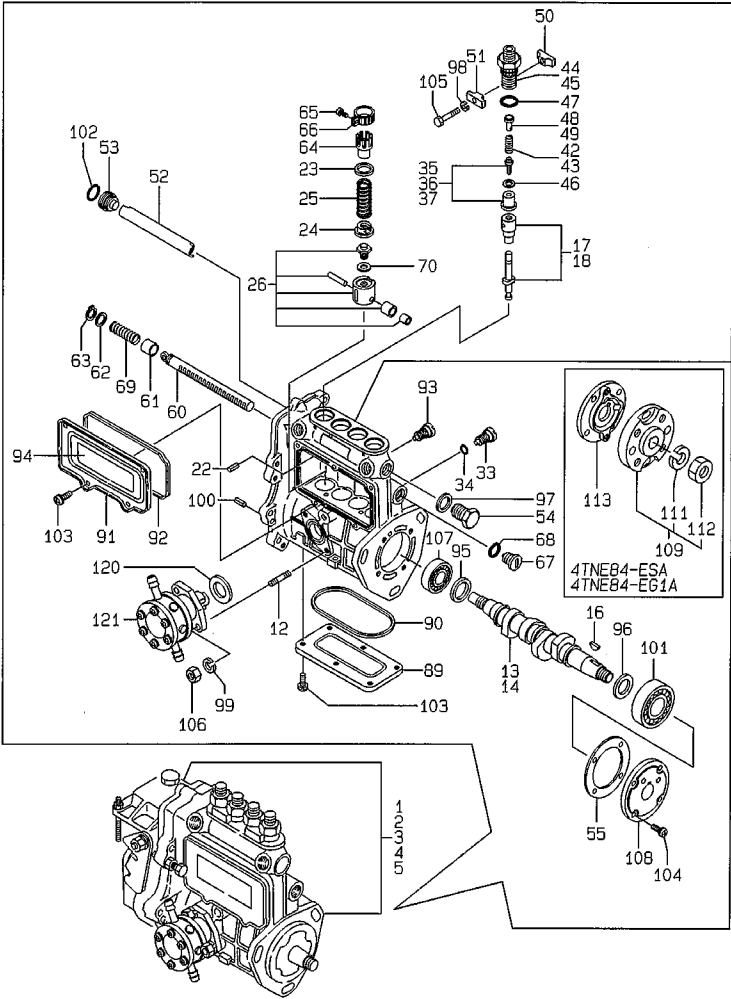


Remarks
(1) GOVERNOR ASSY(FIG.NO.14) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1,2,3,
4,5).

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729608-51350	PUMP ASSY, INJECTION	1							1
2	1	729408-51310	PUMP ASSY, INJECTION		1						1
3	1	729608-51400	PUMP ASSY, INJECTION			1					1
4	1	729423-51450	PUMP ASSY, INJECTION				1				1
5	1	729618-51490	PUMP ASSY, INJECTION					1			1
12	2	129155-51020	STUD	2	2	2	2	2			
13	2	129470-51040	CAMSHAFT	1	1	1		1			
14	2	129506-51040	CAMSHAFT				1				
16	2	122710-51090	KEY	1	1	1	1	1			
17	2	129506-51100	PLUNGER ASSY	4	4		4	4			
18	2	129412-51200	PLUNGER ASSY			4					
22	2	129155-51140	PIN	4	4	4	4	4			
23	2	174307-51170	RETAINER, SPRING A	4	4	4	4	4			
24	2	129155-51180	RETAINER, SPRING	4	4	4	4	4			
25	2	124950-51190	SPRING, PLUNGER	4	4	4	4	4			
26	2	129155-51200	TAPPET ASSY	4	4	4	4	4			
33	2	129155-51270	STOPPER, TAPPET	4	4	4	4	4			
34	2	129155-51280	O-RING, S6	4	4	4	4	4			
35	2	129100-51300	VALVE ASSY, DELIVERY	4	4			4			
36	2	105300-51300	VALVE ASSY, DELIVERY			4					
37	2	129208-51300	VALVE ASSY, DELIVERY				4				
42	2	129155-51320	SPRING, DELIVERY	4	4	4		4			
43	2	129573-51330	SPRING, DELIVERY				4				
44	2	129155-51340	RETAINER	4	4	4		4			
45	2	129573-51340	RETAINER				4				
46	2	124550-51350	GASKET, DELIVERY	4	4	4	4	4			
47	2	124550-51370	O-RING	4	4	4	4	4			
48	2	129155-51370	STOPPER, VALVE	4	4	4		4			
49	2	129573-51370	STOPPER, VALVE				4				
50	2	129155-51380	STOPPER	2	2	2	2	2			
51	2	129155-51390	STOPPER	2	2	2	2	2			
52	2	129555-51400	DEFLECTOR	1	1	1	1	1			
53	2	129155-51410	BOLT	1	1	1	1	1			
54	2	129155-51420	PLUG, M16	1	1	1	1	1			
55	2	129155-51450	SHIM SET, ADJUSTING	1	1	1	1	1			
60	2	129555-51500	RACK, CONTROL	1	1	1	1	1			
61	2	129155-51521	BUSH, RACK	1	1	1	1	1			
62	2	129155-51530	SPACER	1	1	1	1	1			
63	2	129155-51540	CIRCLIP	1	1	1	1	1			
64	2	129155-51550	PINION, CONTROL	4	4	4	4	4			
65	2	122117-51560	SCREW	4	4	4	4	4			
66	2	174307-51560	PINION	4	4	4	4	4			
67	2	129155-51570	PLUG, M12	1	1	1	1	1			
68	2	129155-51580	O-RING	1	1	1	1	1			
69	2	129155-51591	SPRING, RACK	1	1	1	1	1			
70	2	129155-51600	SHIM SET, ADJUSTING	4	4	4	4	4			
89	2	129555-51700	COVER	1	1	1	1	1			
89-1	2	129555-51701	COVER	1	1	1	1	1			N
(A)=E18241) (B)=E18212) (C)=E18465) (D)=E30053) (E)=E18417)											
90	2	129555-51710	GASKET	1	1	1	1	1			
90-1	2	129555-51711	GASKET	1	1	1	1	1			N

Fig.13. FUEL INJECTION PUMP



Remarks
(1) GOVERNOR ASSY(FIG.NO.14) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1,2,3,
4,5).

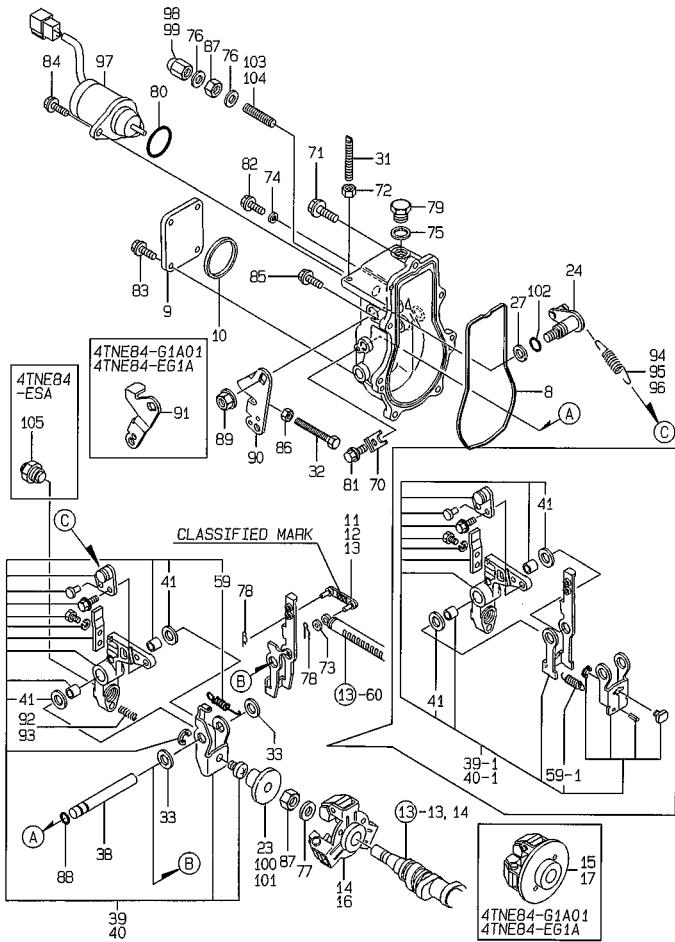
(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=E32760)	(B=E32756)	(C=E33341)	(D=E33137)	(E=E32684)					
91	2	129555-51750	COVER			1	1	1	1	1	
91-1	2	129555-51751	COVER			1	1	1	1	1	N
		(A=E18241)	(B=E18212)	(C=E18465)	(D=E30053)	(E=E18417)					
92	2	129555-51760	GASKET			1	1	1	1	1	
93	2	129155-51790	STOOPER, RACK			1	1	1	1	1	
94	2	129156-51910	LABEL, CAUTION			1	1	1	1	1	
95	2	129155-51930	SPACER, T=3.25			1	1	1	1	1	
96	2	129155-51940	SPACER, T=1.5			1	1	1	1	1	
97	2	22190-160002	WASHER, SEAL 16			1	1	1	1	1	
98	2	22217-050000	WASHER, SPRING 5			2	2	2	2	2	
99	2	22217-060000	WASHER, SPRING 6			2	2	2	2	2	
100	2	22351-050010	PIN, SPRING 5.0X10			2	2	2	2	2	
101	2	24101-063034	BEARING, BALL 6303			1	1	1	1	1	
102	2	24341-000160	O-RING, 1AS16.0			1	1	1	1	1	
103	2	26022-050102	SCREW, M5X10			11	11	11	11	11	
103-1	2	26022-050122	SCREW, M5X12			11	11	11	11	11	N
		(A=E18241)	(B=E18212)	(C=E18465)	(D=E30053)	(E=E18417)					
104	2	26022-060162	SCREW, M6X16			4	4	4	4	4	
105	2	26116-050302	BOLT, M5X 30 PLATED			2	2	2	2	2	
106	2	26716-060002	NUT, M6			2	2	2	2	2	
107	2	129155-51050	BEARING, 17BM001D			1	1	1	1	1	
108	2	129155-51060	SUPPORT, CAMSHAFT			1	1	1			
109	2	129208-54500	FLANGE ASSY						1	1	
111	3	22217-120000	WASHER, SPRING 12						1	1	
112	3	26716-120002	NUT, M12						1	1	
113	2	129208-51060	SUPPORT						1	1	
120	2	129155-52050	GASKET			1	1	1	1	1	
121	2	129100-52100	PUMP ASSY, FUEL FEED			1	1	1	1	1	

Fig.14. GOVERNOR

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

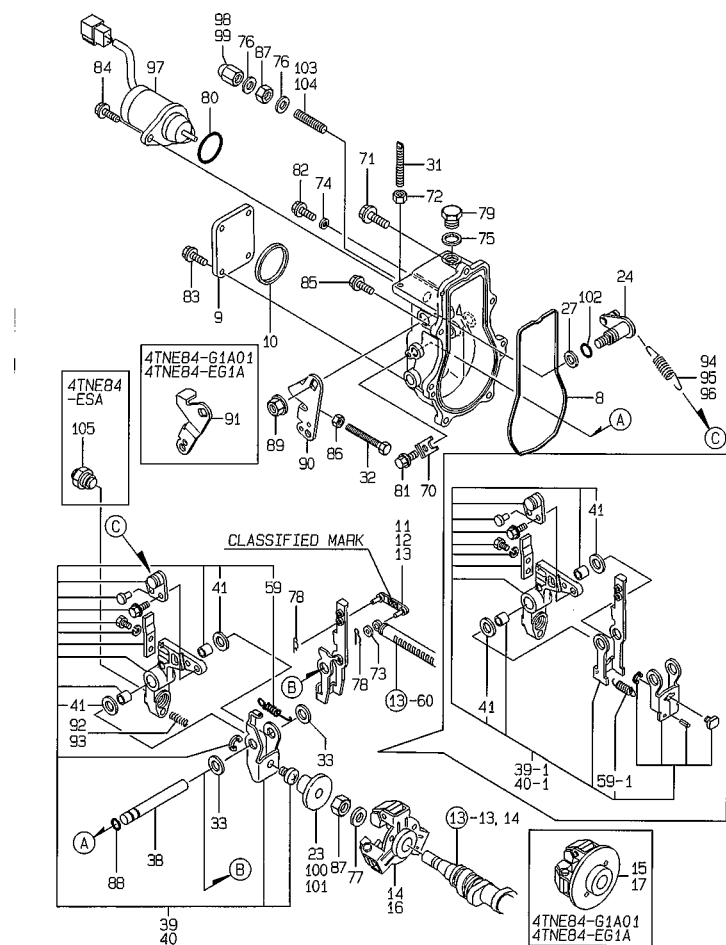
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
8	2	129052-61050	GASKET	1	1	1	1	1			
9	2	129052-61060	COVER, GOVERNOR CASE	1	1	1	1	1			
10	2	129052-61070	GASKET	1	1	1	1	1			
11	2	129155-61120	LINK, L=30 MARK 0	1	1	1	1	1			1
12	2	129155-61130	LINK, L=31 MARK 1	1	1	1	1	1			1
13	2	129155-61140	LINK, L=30.5 MARK 05	1	1	1	1	1			1
14	2	129155-61202	WEIGHT ASSY,GOVERNOR	1		1					
15	2	171488-61200	WEIGHT ASSY,GOVERNOR		1						
16	2	129486-61201	WEIGHT ASSY,GOVERNOR				1				
17	2	129618-61200	WEIGHT ASSY,GOVERNOR					1			
23	2	129155-61341	SLEEVE	1	1	1	1	1			2
24	2	129100-61400	SHAFT ASSY	1	1	1	1	1			
27	2	129155-61430	SPACER	1	1	1	1	1			
31	2	129155-61450	BOLT, LIMITER	1	1	1	1	1			
32	2	129155-61460	BOLT, IDLE	1	1	1	1	1			
33	2	129155-61480	SPACER ASSY	2	2	2	2	2			
38	2	129052-61390	SHAFT	1	1	1	1	1			
39	2	129052-61500	LEVER ASSY, GOVERNOR	1			1				
39-1	2	119908-61501	LEVER ASSY, GOVERNOR	1			1				S
(A=E32152) (D=E33137)											
40	2	129412-61500	LEVER ASSY, GOVERNOR		1	1		1			
40-1	2	129486-61501	LEVER ASSY, GOVERNOR		1	1		1			S
(B=E31969) (C=E32022) (E=E32611)											
41	3	174307-51700	SHIM SET	2	2	2	2	2			
59	3	129052-61540	SPRING, SET	1	1	1	1	1			
59-1	3	129486-61540	SPRING, SET	1	1	1	1	1			S
(A=E32152) (B=E31969) (C=E32022) (D=E33137) (E=E32611)											
70	2	119660-61901	RETAINER, SHAFT	1	1	1	1	1			
71	2	129155-61950	BOLT	1	1	1	1	1			
72	2	124550-66370	NUT, M6	1	1	1	1	1			
73	2	22117-040000	WASHER, 4	1	1	1	1	1			
74	2	22190-060003	SEAL WASER 6	1	1	1	1	1			
75	2	22190-100002	WASHER, SEAL 10	1	1	1	1	1			
76	2	22190-120002	WASHER, SEAL 12	2	2	2	2	2			
77	2	22287-120000	WASHER, 12	1	1	1	1	1			
78	2	22372-040000	PIN, SNAP 4	2	2	2	2	2			
79	2	23887-100002	PLUG, 10	1	1	1	1	1			
80	2	24341-000280	O-RING, 1AS28.0	1	1	1	1	1			
80-1	2	158552-61900	O-RING	1	1	1	1	1			N
(A=E32152) (B=E31969) (C=E32022) (D=E33137) (E=E32611)											
81	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1	1			
82	2	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1	1			
83	2	26106-060102	BOLT, M6X 10 PLATED	4	4	4	4	4			
84	2	26106-060142	BOLT, M6X 14 PLATED	2	2	2	2	2			
85	2	26106-060202	BOLT, M6X 20 PLATED	6	6	6	6	6			
86	2	26756-060002	NUT, LOCK M6	1	1	1	1	1			
87	2	26776-120002	NUT, LOCK M12	2	2	2	2	2			
88	2	129155-51280	O-RING, S6	1	1	1	1	1			
89	2	26366-080002	NUT, M8	1	1	1	1	1			
90	2	129100-61440	LEVER, CONTROL	1			1				
91	2	171488-61440	LEVER, CONTROL		1			1			

Remarks
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION).
(2) SELECTIVE PARTS.
* THIS FIGURE(GOVERNOR ASSY)IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.13).

Fig.14. GOVERNOR



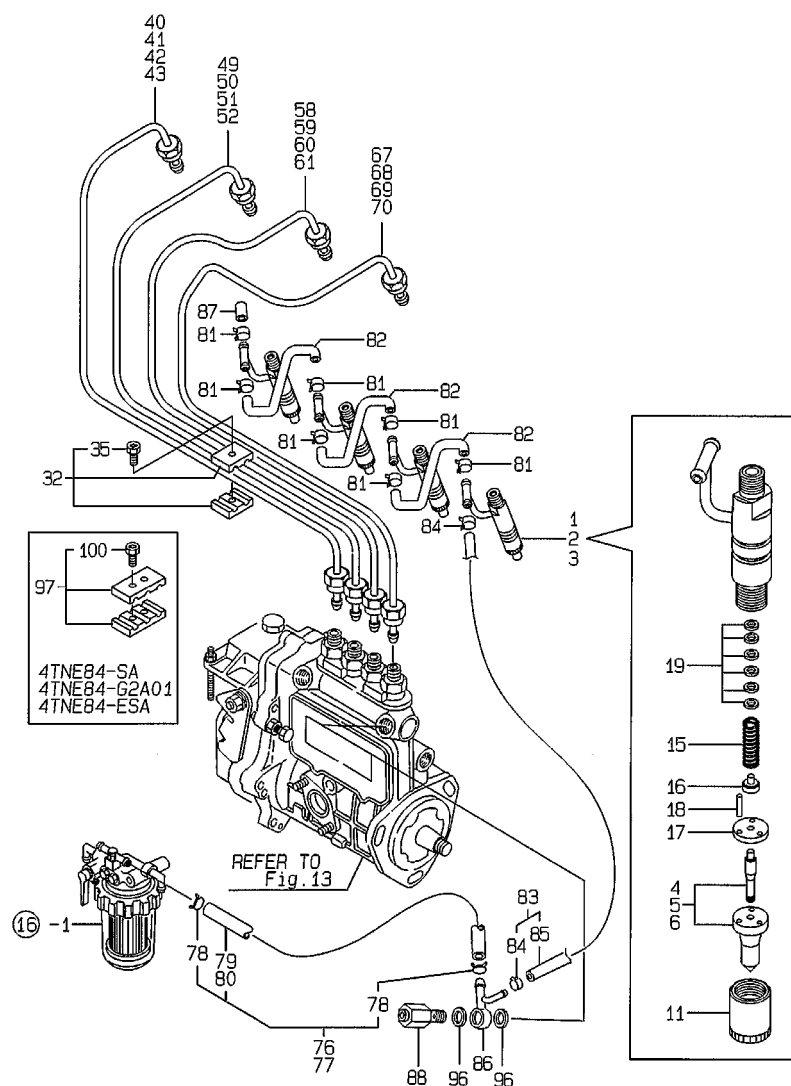
(1) SELECTIVE PARTS: CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(REFER TO ILLUSTRATION).

* THIS FIGURE(GOVERNOR ASSY)IS
INCORPORATED IN THE FUEL INJECTION
PUMP ASSY(FIG.13).

(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

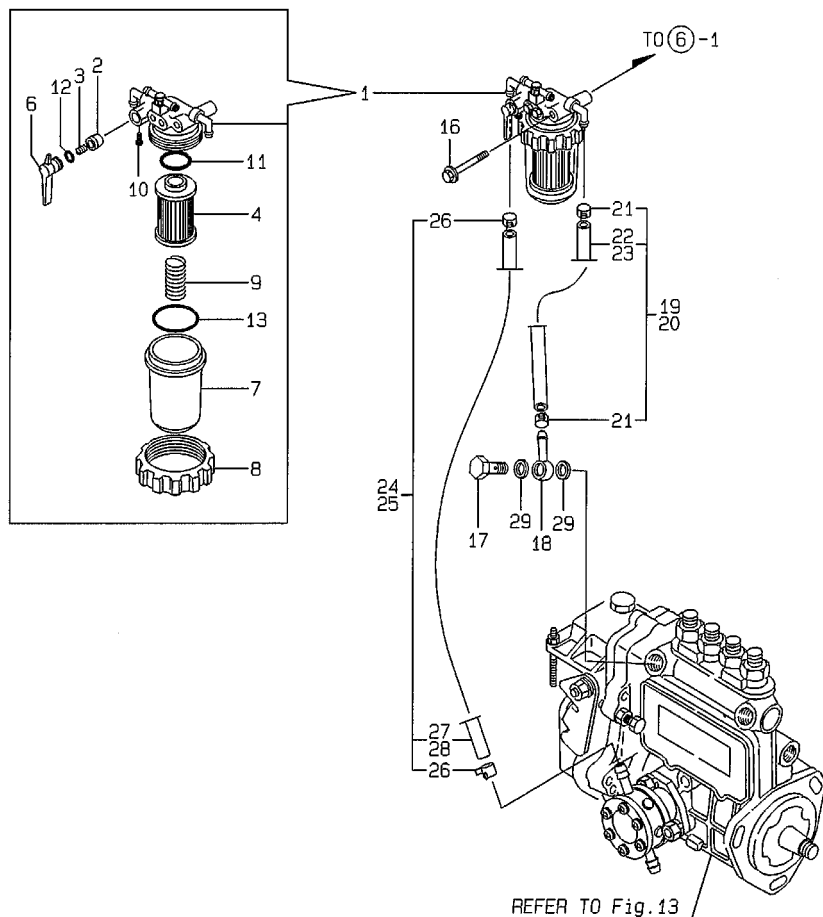
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
92	2	129100-61650	SPRING, CONTROLLER	1			1				
93	2	129500-61650	SPRING, FUEL CONTROL		1	1		1			
94	2	171353-61700	SPRING, GOVERNOR	1				1			
95	2	129477-61720	SPRING, GOVERNOR		1				1		
96	2	129500-61700	SPRING, GOVERNOR			1					
97	2	119653-77950	SOLENOID, STOP	1	1	1	1	1			
98	2	26687-120002	NUT, CAP M12	1	1	1					
99	2	129100-61930	NUT, CAP					1	1		
100	2	129155-61350	SLEEVE, L=24.9	1	1	1	1	1			2
101	2	129155-61360	SLEEVE, L=25.2	1	1	1	1	1	1		2
102	2	129155-61830	O-RING, S10	1	1	1	1	1	1		
103	2	129155-61470	BOLT, CONTROL	1	1	1					
104	2	120323-61470	BOLT, CONTROL					1	1		
105	2	129132-61550	ANGLEICH ASSY					1			

Fig.15. FUEL INJECTION VALVE



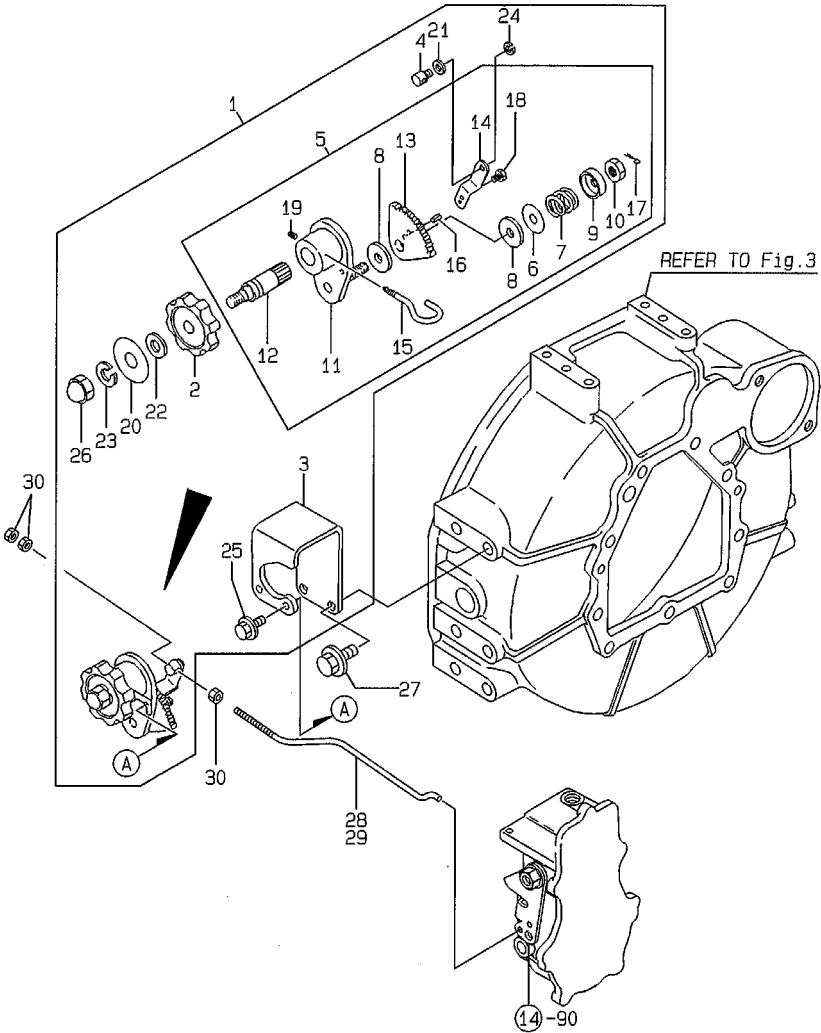
No.	Lev.	Parts No.	Description	(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01			(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=		
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	729503-53100	VALVE ASSY,INJECTION	4			4		
2	1	719810-53100	VALVE ASSY,INJECTION		4			4	
3	1	729100-53100	VALVE ASSY,INJECTION			4			
4	2	129503-53000	VALVE ASSY,INJECTION	4			4		
5	2	119810-53000	VALVE ASSY,INJECTION		4			4	
6	2	129100-53000	VALVE ASSY,INJECTION			4			
11	2	114250-53080	NUT, NOZZLE D16.95	4	4	4	4	4	
15	2	114250-53120	SPRING, NOZZLE	4	4	4	4	4	
16	2	114250-53130	SEAT, SPRING	4	4	4	4	4	
17	2	114250-53140	PLATE	4	4	4	4	4	
18	2	114250-53210	PIN	8	8	8	8	8	
19	2	114250-53400	SHIM SET	4	4	4	4	4	
32	1	119305-59120	RETAINER, PIPE		2			2	
35	2	129150-59131	BOLT, M4X14		2			2	
40	1	129400-59910	PIPE ASSY, INJECTION	1			1		
41	1	129611-59911	PIPE ASSY, INJECTION		1				
42	1	129400-59810	PIPE ASSY, INJECTION			1			
43	1	129423-59810	PIPE ASSY, INJECTION					1	
49	1	129400-59920	PIPE ASSY, INJECTION	1			1		
50	1	129611-59921	PIPE ASSY, INJECTION		1				
51	1	129400-59820	PIPE ASSY, INJECTION			1			
52	1	129423-59820	PIPE ASSY, INJECTION					1	
58	1	129400-59930	PIPE ASSY, INJECTION	1			1		
59	1	129611-59930	PIPE ASSY, INJECTION		1				
60	1	129400-59830	PIPE ASSY, INJECTION			1			
61	1	129423-59830	PIPE ASSY, INJECTION					1	
67	1	129400-59940	PIPE ASSY, INJECTION	1			1		
68	1	129611-59940	PIPE ASSY, INJECTION		1				
69	1	129400-59840	PIPE ASSY, INJECTION			1			
70	1	129423-59840	PIPE ASSY, INJECTION					1	
76	1	129210-59170	PIPE ASSY, FUEL	1		1	1		
77	1	129210-59150	PIPE ASSY, FUEL		1			1	
78	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2	
79	2	105225-59511	PIPE, FUEL	1		1	1		
80	2	105025-59530	PIPE, FUEL D13X400		1			1	
81	1	124066-59100	CLIP, HOSE 8	7	7	7	7	7	
82	1	121250-59550	PIPE, FUEL D8X120	3	3	3	3	3	
83	1	119840-59500	PIPE ASSY, RETURN	1	1	1	1	1	
84	2	124066-59100	CLIP, HOSE 8	2	2	2	2	2	
85	2	119840-59560	PIPE, FUEL RETURN	1	1	1	1	1	
86	1	119840-59570	JOINT	1	1	1	1	1	
87	1	129150-59580	CAP	1	1	1	1	1	
88	1	129100-59951	VALVE ASSY, CHECK	1	1	1	1	1	
96	1	22190-120002	WASHER, SEAL 12	2	2	2	2	2	
97	1	129150-59120	RETAINER, PIPE	2		2	2		
100	2	129150-59131	BOLT, M4X14	4		4	4		

Fig.16. FUEL FILTER



				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01	(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129052-55620	FILTER ASSY, FUEL	1	1	1	1	1			
2	2	104200-55321	VALVE, TAPER	1	1	1	1	1			
3	2	104200-55330	SPRING, VALVE	1	1	1	1	1			
4	2	129100-55650	ELEMENT	1	1	1	1	1			
6	2	129100-55670	LEVER	1	1	1	1	1			
7	2	129100-55680	CUP, STRAINER	1	1	1	1	1			
8	2	129100-55690	RING, RETAINING	1	1	1	1	1			
9	2	129100-55700	SPRING	1	1	1	1	1			
10	2	104200-55750	SCREW, M4	1	1	1	1	1			
11	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1			
12	2	24311-240100	O-RING, 1AP10A	1	1	1	1	1			
13	2	24321-000650	O-RING, 1AG65.0	1	1	1	1	1			
16	1	26014-080702	BOLT, M8X 70	1	1	1	1	1			
17	1	103854-39140	BOLT, PIPE JOINT	1	1	1	1	1			
18	1	101304-59020	JOINT, PIPE 12	1	1	1	1	1			
19	1	129210-59050	PIPE ASSY, FUEL	1		1	1				
20	1	129210-59040	PIPE ASSY, FUEL		1				1		
21	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2			
22	2	105312-59510	PIPE, FUEL	1		1	1				
23	2	129555-59510	PIPE, D13/7.5X180		1				1		
24	1	129210-59170	PIPE ASSY, FUEL	1		1	1				
25	1	129210-59150	PIPE ASSY, FUEL		1				1		
26	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2			
27	2	105225-59511	PIPE, FUEL	1		1	1				
28	2	105025-59530	PIPE, FUEL D13X400		1				1		
29	1	22190-120002	WASHER, SEAL 12	2	2	2	2	2			

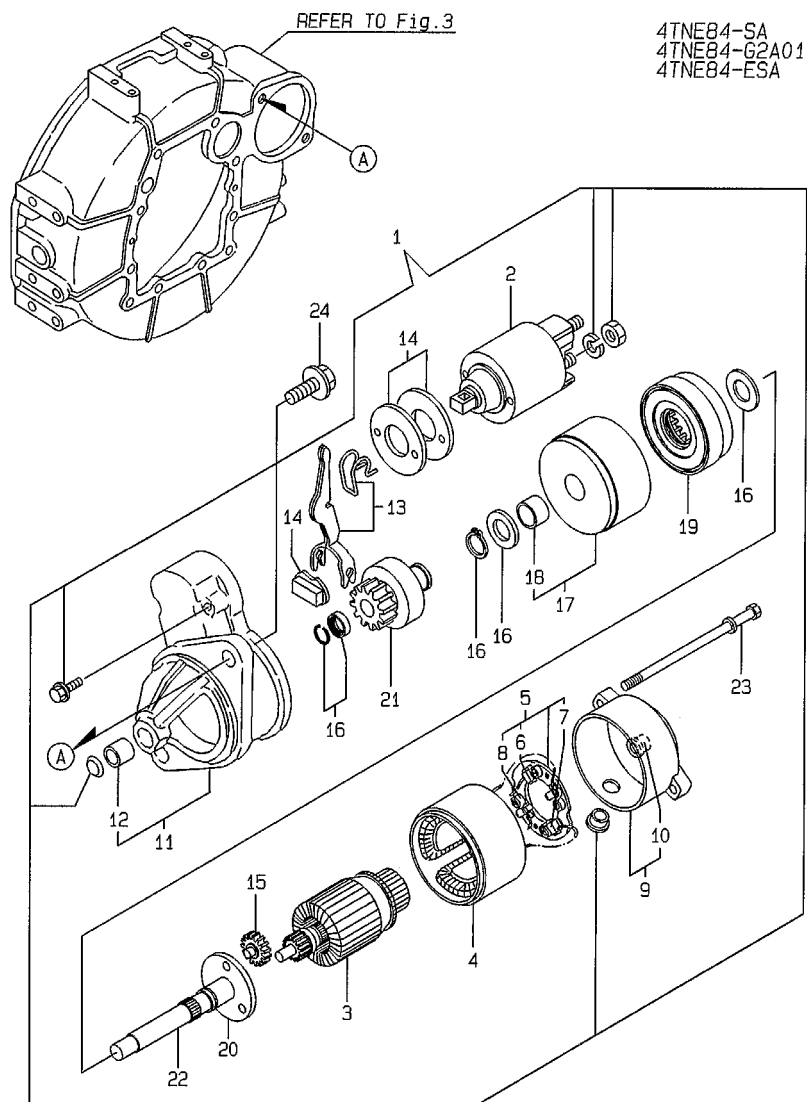
Fig.17. ENGINE CONTROL DEVICE



(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119888-66160	CONTROLLER ASSY	1	1	1	1	1			
2	2	126650-66020	HANDLE, REGULATOR	1	1	1	1	1			
3	2	119888-66110	BRACKET	1	1	1	1	1			
4	2	119888-66130	PIVOT	1	1	1	1	1			
5	2	171048-67010	CONTROLLER ASSY	1	1	1	1	1			
6	3	171102-66080	WASHER	1	1	1	1	1			
7	3	104200-66820	SPRING	1	1	1	1	1			
8	3	104200-66830	PLATE, FRICTION	2	2	2	2	2			
9	3	104200-66850	WASHER	1	1	1	1	1			
10	3	104200-66860	NUT	1	1	1	1	1			
11	3	171085-67100	BRACKET	1	1	1	1	1			
12	3	171085-67110	SHAFT, DRIVE	1	1	1	1	1			
13	3	171085-67120	GEAR	1	1	1	1	1			
14	3	171048-67130	LEVER	1	1	1	1	1			
15	3	171048-67140	STOPPER	1	1	1	1	1			
16	3	22351-020006	PIN, SPRING 2.0X 6	1	1	1	1	1			
17	3	22411-200150	COTTER PIN	1	1	1	1	1			
18	3	26116-060082	BOLT, M6X 8 PLATED	1	1	1	1	1			
19	3	26921-050122	SCREW, M5X12	1	1	1	1	1			
20	2	170064-67210	LABEL, HANDLE	1	1	1	1	1			
21	2	22117-060000	WASHER, 6	1	1	1	1	1			
22	2	22137-100000	WASHER, 10	1	1	1	1	1			
23	2	22217-100000	WASHER, SPRING 10	1	1	1	1	1			
24	2	22272-000050	RING, E- 5	1	1	1	1	1			
25	2	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2	2			
26	2	26657-100002	NUT, CAP M10	1	1	1	1	1			
27	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2	2			
28	1	129488-66120	LINK, ENGINE CONTROL	1		1	1				
29	1	129488-66150	LINK, ENGINE CONTROL		1			1			
30	1	26756-050002	NUT, LOCK M5	3	3	3	3	3			

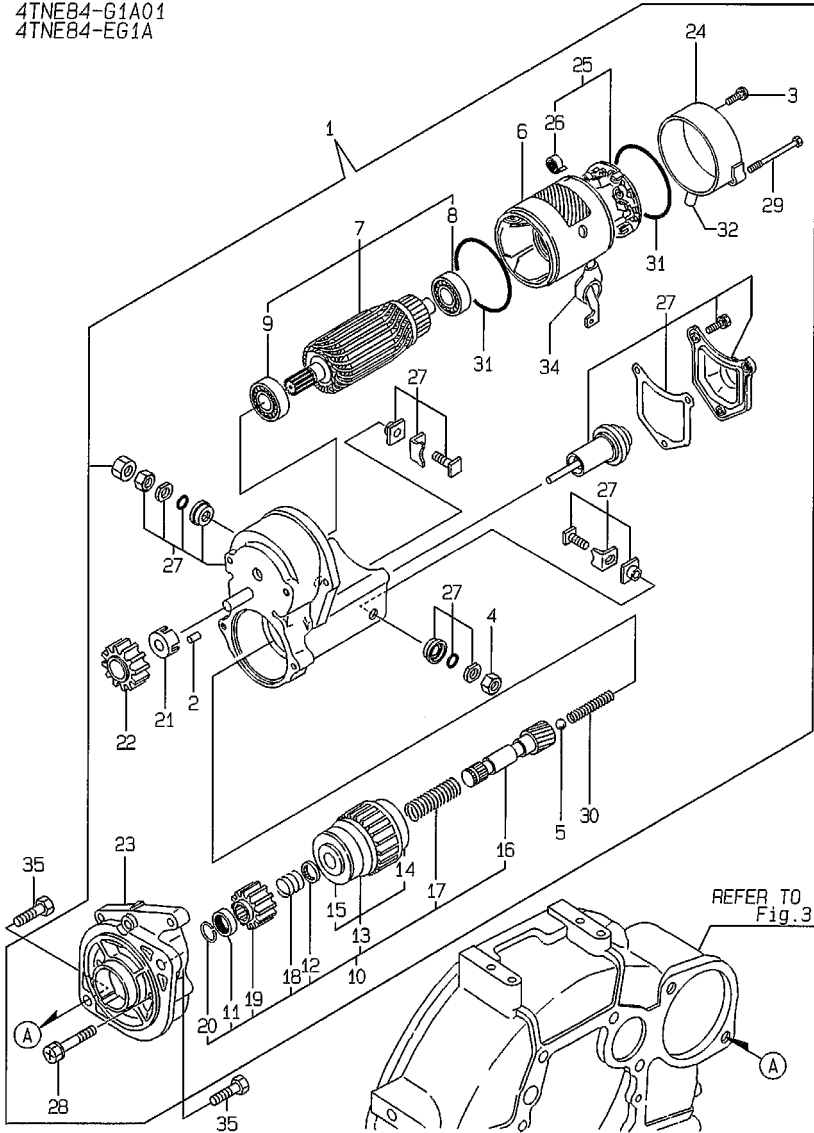
Fig.18. STARTING MOTOR



No.	Lev.	Parts No.	Description	(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01			(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129608-77010	STARTER, S114-817A	1		1	1				
2	2	129698-77020	SWITCH ASSY	1		1	1				
3	2	129698-77100	ARMATURE ASSY	1		1	1				
3-1	2	129698-77101	ARMATURE ASSY	1		1	1			N	
		(A=E34367)	(C=E34576)	(D=E34414)							
4	2	129608-77110	YOKE ASSY	1		1	1				
5	2	129698-77120	HOLDER ASSY, BRUSH	1		1	1				
6	3	129698-77140	BRUSH SET	1		1	1				
7	3	129698-77130	BRUSH	2		2	2				
8	3	129698-77150	SPRING, BRUSH	4		4	4				
9	2	129698-77160	COVER ASSY	1		1	1				
9-1	2	129698-77161	COVER ASSY	1		1	1			R	
		(A=E32636)	(C=E33341)	(D=E33137)							
10	3	129698-77170	BEARING	1		1	1				
11	2	129698-77260	CASE ASSY	1		1	1				
12	3	X2114535200	METAL, STARTER	1		1	1				
13	2	129698-77270	LEVER SET, SHIFT	1		1	1				
14	2	129698-77280	COVER KIT	1		1	1				
15	2	129698-77240	GEAR	3		3	3				
16	2	129698-77250	WASHER SET	1		1	1				
17	2	129698-77180	BRACKET	1		1	1				
18	3	129698-77190	BRACKET	1		1	1				
19	2	129698-77200	GEAR, INTERNAL	1		1	1				
20	2	129698-77210	BRACKET	1		1	1				
21	2	129698-77220	PINION ASSY	1		1	1				
22	2	129698-77230	SHAFT	1		1	1				
23	2	124195-77770	BOLT, THROUGH	2		2	2				
24	1	26116-120252	BOLT, M12X 25 PLATED	2		2	2				

Fig.19. STARTING MOTOR

4TNE84-G1A01
4TNE84-EG1A

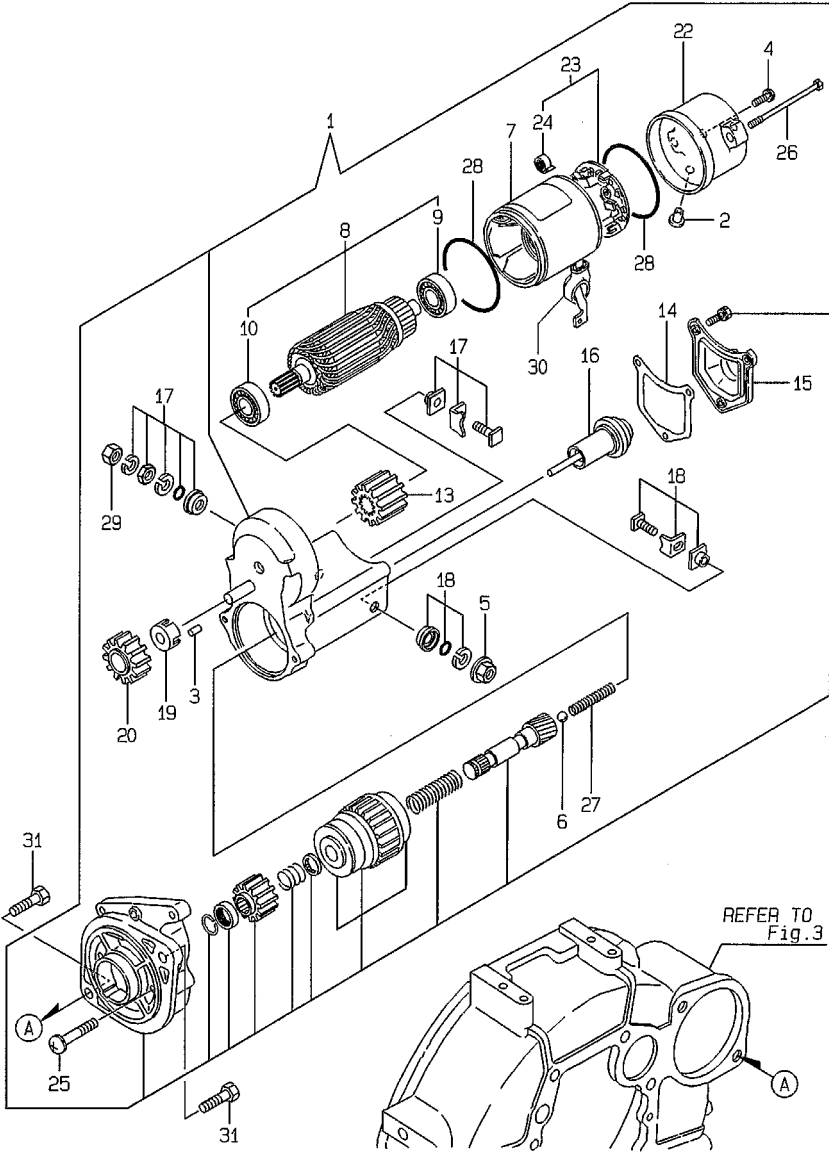


(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-77010	STARTER, RA1.4		1			1			
2	2	X0283060061	ROLLER		5			5			
3	2	129129-77460	SCREW		2			2			
4	2	X9490561370	NUT		1			1			
5	2	X9491200240	BALL		1			1			
6	2	129407-77210	YOKE ASSY		1			1			
7	2	129407-77220	ARMATURE ASSY		1			1			
8	3	129129-77230	BEARING		1			1			
9	3	129129-77240	BEARING		1			1			
10	2	129407-77250	STARTER		1			1			
11	3	X0280210230	NUT		1			1			
12	3	X0283270140	RETAINER		1			1			
13	3	129407-77390	CLUTCH ASSY		1			1			
14	4	129129-77440	BEARING, BALL		1			1			
15	4	129129-77450	BEARING, BALL		1			1			
16	3	129129-77400	SHAFT		1			1			
17	3	129129-77410	SPRING, COIL		1			1			
18	3	129407-77410	SPRING		1			1			
19	3	129129-77420	PINION, STARTER		1			1			
20	3	129129-77430	RING		1			1			
21	2	129129-77260	RETAINER		1			1			
22	2	129129-77270	PINION		1			1			
23	2	129407-77280	HOUSING		1			1			
24	2	129129-77290	FRAME		1			1			
25	2	129407-77300	HOLDER ASSY		1			1			
26	3	X9491730461	SPRING		4			4			
27	2	129407-77310	SWITCH ASSY		1			1			
28	2	129129-77320	BOLT		2			2			
29	2	129407-77330	BOLT		2			2			
30	2	129129-77340	SPRING		1			1			
31	2	129129-77350	O-RING		2			2			
32	2	129129-77362	COVER		1			1			
34	2	129129-77380	CAP		1			1			
35	1	26116-120252	BOLT, M12X 25 PLATED		2			2			

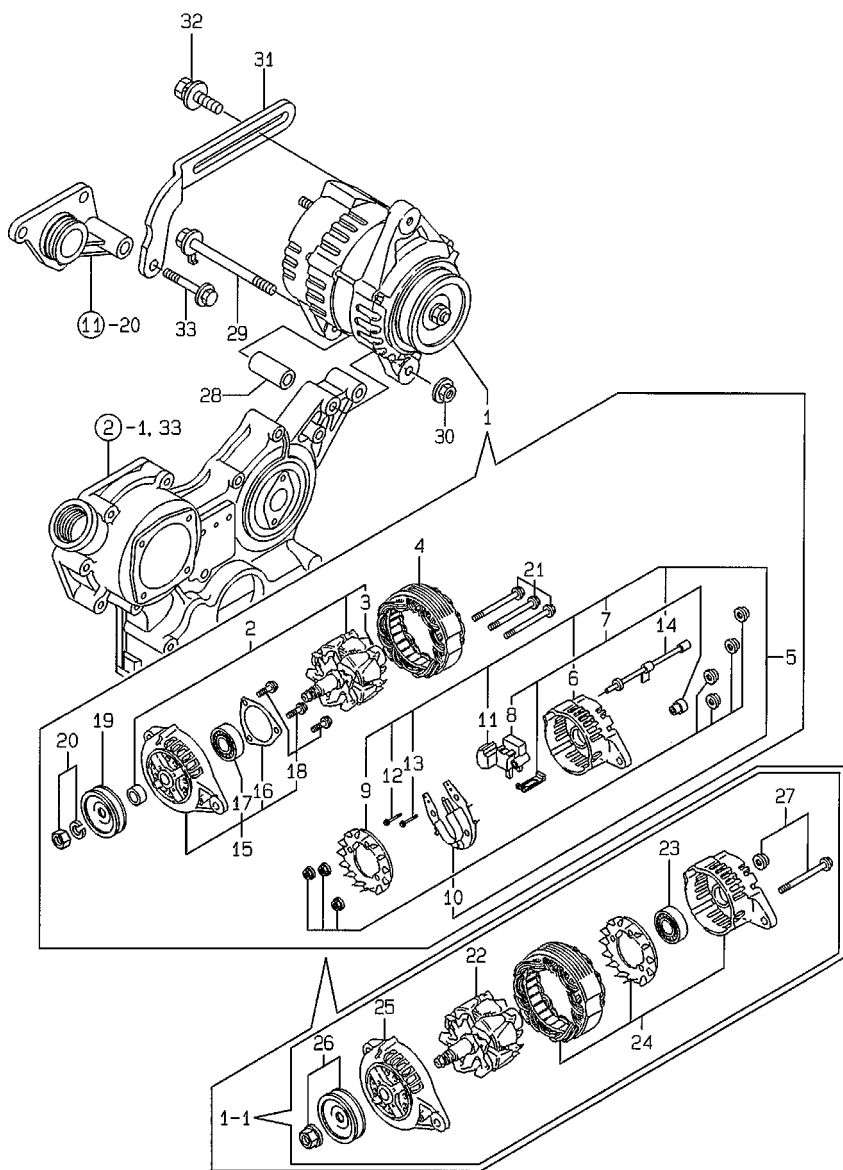
Fig.20. STARTING MOTOR(COLD DISTRICT)



(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129429-77011	STARTER ASSY	1	1	1	1	1			
2	2	129129-77362	COVER	1	1	1	1	1			
3	2	X0283060061	ROLLER	5	5	5	5	5			
4	2	129429-77310	SCREW	2	2	2	2	2			
5	2	X9490561370	NUT	1	1	1	1	1			
6	2	X9491200240	BALL	1	1	1	1	1			
7	2	129429-77210	YOKE ASSY	1	1	1	1	1			
8	2	129429-77220	ARMATURE ASSY	1	1	1	1	1			
9	3	129429-77230	BEARING	1	1	1	1	1			
10	3	129129-77240	BEARING	1	1	1	1	1			
13	2	129429-77250	PINION ASSY	1	1	1	1	1			
14	2	129429-77350	GASKET	1	1	1	1	1			
15	2	129429-77360	COVER	1	1	1	1	1			
16	2	129429-77370	PLUNGER	1	1	1	1	1			
17	2	129429-77380	STARTER KIT	1	1	1	1	1			
18	2	129429-77390	STARTER KIT	1	1	1	1	1			
19	2	129129-77260	RETAINER	1	1	1	1	1			
20	2	129129-77270	PINION	1	1	1	1	1			
22	2	129429-77270	FRAME	1	1	1	1	1			
23	2	129429-77280	HOLDER ASSY	1	1	1	1	1			
24	3	129429-77290	SPRING	4	4	4	4	4			
25	2	129429-77320	SCREW	2	2	2	2	2			
26	2	129429-77330	BOLT	2	2	2	2	2			
27	2	129129-77340	SPRING	1	1	1	1	1			
28	2	129129-77350	O-RING	2	2	2	2	2			
29	2	129129-77370	NUT	1	1	1	1	1			
30	2	129429-77340	CAP	1	1	1	1	1			
31	1	26116-120252	BOLT, M12X 25 PLATED	2	2	2	2	2			

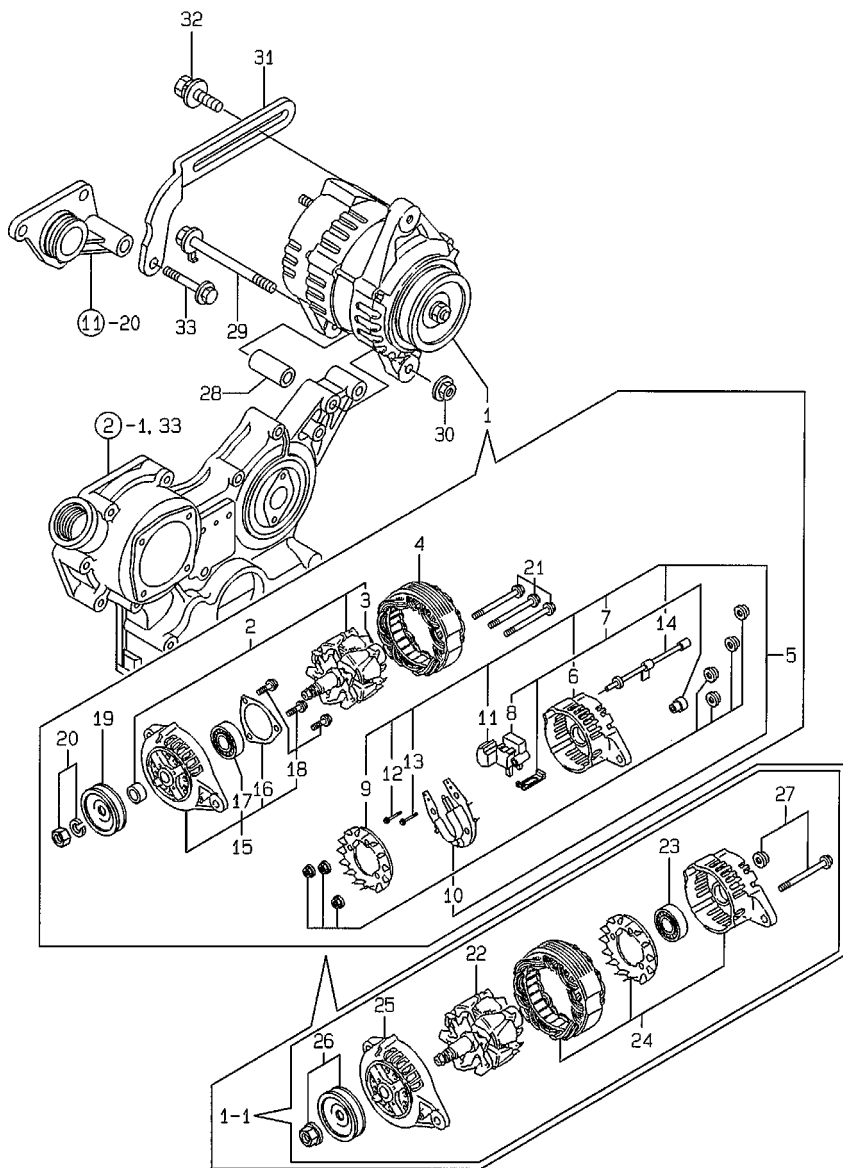
Fig.21. GENERATOR



					(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01			(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=				
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119836-77200	GENERATOR	1	1	1	1	1				
1-1	1	119836-77201	GENERATOR	1	1	1	1	1			R	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
2	2	119836-77700	ROTOR ASSY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
3	3	119836-77850	BALL BEARING	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
4	2	119836-77710	STATOR ASSY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
5	2	119836-77721	COVER ASSY, REAR	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
6	3	119836-77730	COVER, REAR	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
7	3	119836-77741	BRUSH ASSY,REGULATOR	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
8	4	119836-77750	BRUSH ASSY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
9	3	119836-77760	GUIDE, FAN SIDE	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
10	3	119836-77770	DIODE ASSY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
11	3	119836-77780	CONDENSER	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
12	3	119836-77871	BOLT (1)	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
13	3	119836-77880	BOLT (2)	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
14	3	119836-77890	WIRE ASSY, LEAD	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
15	2	119836-77790	COVER ASSY, FRONT	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
16	3	119836-77800	RETAINER, BEARING	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
17	3	119836-77840	BALL BEARING	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
18	3	119836-77860	SCREW KID	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
19	2	119836-77810	PULLEY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
20	2	119836-77820	NUT ASSY, PULLEY	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
21	2	119836-77830	BOLT, THROUGH	1	1	1	1	1			Z	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
22	2	129612-77700	ROTOR ASSY	1	1	1	1	1			W	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
23	2	129612-77710	BEARING, BALL	1	1	1	1	1			W	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
24	2	119836-77920	BRACKET ASSY	1	1	1	1	1			W	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						
25	2	129612-77730	BRACKET ASSY, FILTER	1	1	1	1	1			W	
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)						

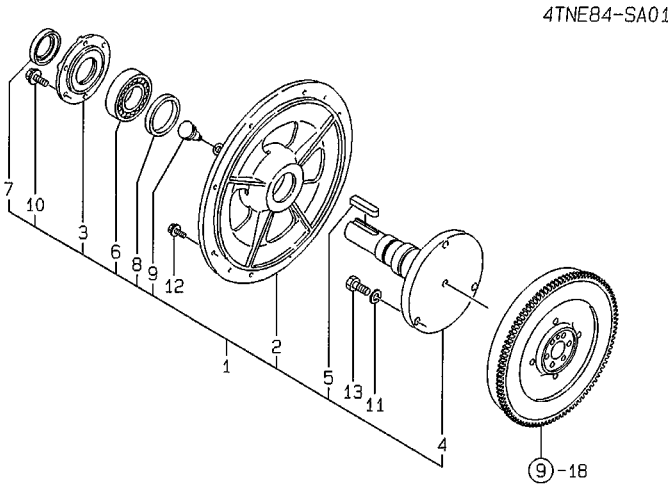
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 ++ CONTINUE ++
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Fig.21. GENERATOR



				(A)=4TNE84-SA (B)=4TNE84-G1A01 (C)=4TNE84-G2A01	(D)=4TNE84-ESA (E)=4TNE84-EG1A (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
26	2	129612-77740	PULLEY	1	1	1	1	1			W
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)					
27	2	129612-77750	SCREW KIT	1	1	1	1	1			W
		(A=E15209)	(B=E15961)	(C=E16392)	(D=E15591)	(E=E15372)					
28	1	119820-77340	PIECE, DISTANCE	1	1	1	1	1			
29	1	129136-77251	BOLT, M8X110	1	1	1	1	1			
30	1	129612-77260	NUT, ALTERNATOR	1	1	1	1	1			
31	1	129100-77330	ADJUSTER	1	1	1	1	1			
32	1	119810-77340	BOLT, ADJUSTER	1	1	1	1	1			
33	1	26106-080502	BOLT, M8X 50 PLATED	1	1	1	1	1			

Fig.22. OUTPUT SHAFT

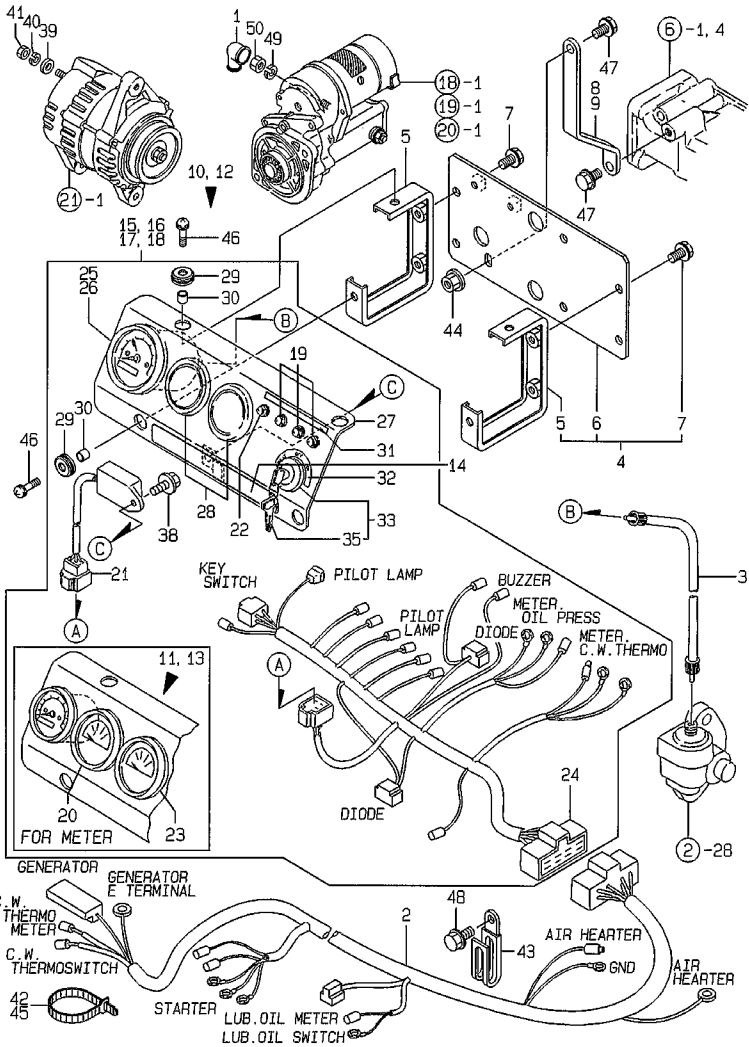


													OCR10-M51900		Fig.22	
													(A)=4TNE84-SA		(D)=4TNE84-ESA	
													(B)=4TNE84-G1A01		(E)=4TNE84-EG1A	
													(C)=4TNE84-G2A01		(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R					
				(A)	(B)	(C)	(D)	(E)	(F)							
1	1	119888-89100	SHAFT, STUB	1												
2	2	119888-89110	HOUSING, BEARING	1												
3	2	171048-89120	CASE, OIL SEAL	1												
4	2	119888-89210	SHAFT	1												
5	2	22512-100700	KEY, 10X 70	1												
6	2	24151-222090	BEARING, 22209	1												
7	2	24421-456209	SEAL, OIL TC456209	1												
8	2	24421-557209	SEAL, OIL TC557209	1												
9	2	24754-320020	CUP, GREASE 32X1/4	1												
10	2	26106-080202	BOLT, M8X 20 PLATED	6												
11	1	22217-120000	WASHER, SPRING 12	3												
12	1	26106-100222	BOLT, M10X 22 PLATED	8												
13	1	26206-120352	BOLT, M12X 35 PLATED	3												

Fig.23. PANEL

(A)=4TNE84-SA
(B)=4TNE84-G1A01
(C)=4TNE84-G2A01

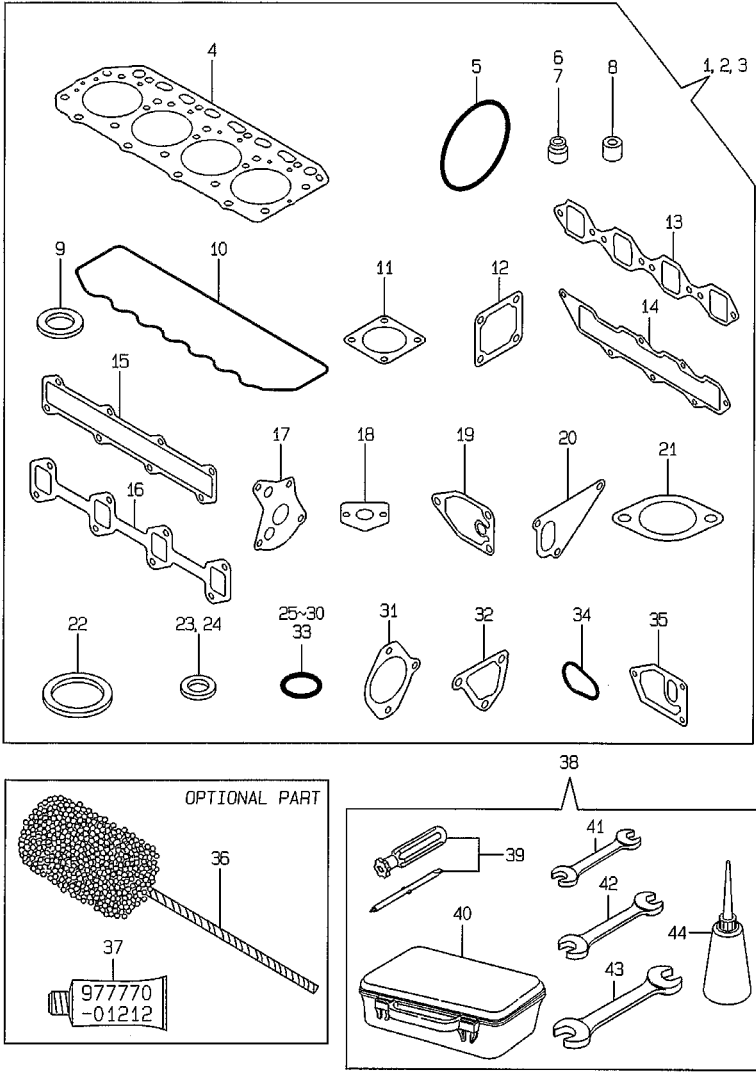
(D)=4TNE84-ESA
(E)=4TNE84-EG1A
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124550-77030	COVER, TERMINAL	1	1	1	1	1			
2	1	119888-91022	HARNESS, WIRE	1	1	1	1	1			
3	1	121400-91140	SHAFT	1	1	1	1	1			
4	1	129608-91151	BRACKET ASSY	1	1	1	1	1			
5	2	119888-91120	SUPPORT	2	2	2	2	2			
6	2	129608-91132	BRACKET, PANEL	1	1	1	1	1			
7	2	26106-080122	BOLT, M8X 12 PLATED	4	4	4	4	4			
8	1	129609-91150	RETAINER, PANEL	1		1	1				
9	1	129609-91140	RETAINER, PANEL		1			1			
10	1	119888-91101	PANEL ASSY	1		1	1				
11	1	119888-91201	PANEL ASSY	1		1	1				1
12	1	119888-91301	PANEL ASSY, INSTRUM		1			1			
13	1	119888-91311	PANEL ASSY		1			1			1
14	2	104507-07190	LABEL, YANMAR	1	1	1	1	1			
15	2	170121-91100	PANEL ASSY	1		1	1				
16	2	119888-91220	PANEL ASSY	1		1	1				1
17	2	119888-91320	PANEL ASSY		1			1			
18	2	119888-91330	PANEL ASSY		1			1			1
19	3	124732-77720	LAMP, CHARGING	3	3	3	3	3			
20	3	171010-77850	THERMOSTAT	1	1	1	1	1			
21	3	128300-77920	TIMER	1	1	1	1	1			
22	3	124559-77971	LAMP, PILOT	1	1	1	1	1			
23	3	171090-91010	GAUGE	1	1	1	1	1			
24	3	119888-91031	HARNESS, WIRE	1	1	1	1	1			
25	3	171080-91100	TACHOMETER	1		1	1				
26	3	171082-91100	TACHOMETER		1			1			
27	3	119888-91110	BODY, PANEL	1	1	1	1	1			
28	3	124770-91220	COVER	2	2	2	2	2			
29	3	121400-91520	ABSORBER	4	4	4	4	4			
30	3	121400-91530	SPACER	4	4	4	4	4			
31	3	119888-91610	LABEL, CW & OIL LAMP	1	1	1	1	1			
32	3	119888-91620	LABEL, KEY SWITCH	1	1	1	1	1			
33	3	933110-00100	SWITCH ASSY, STARTER	1	1	1	1	1			
35	4	933110-00301	KEY ASSY	1	1	1	1	1			
38	3	26106-060102	BOLT, M6X 10 PLATED	1	1	1	1	1			
39	1	22117-050000	WASHER, 5	1	1	1	1	1			
40	1	22217-050000	WASHER, SPRING 5	1	1	1	1	1			
41	1	26716-050002	NUT, M5	1	1	1	1	1			
42	1	121750-59890	BAND, 140	1	1	1	1	1			
43	1	194180-51640	CLAMP, HARNESS	1	1	1	1	1			
44	1	26366-080002	NUT, M8	1	1	1	1	1			
45	1	121750-59890	BAND, 140	1	1	1	1	1			
46	1	26033-060202	SCREW M 6X 20	4	4	4	4	4			
47	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2	2			
48	1	26106-100122	BOLT, M10X 12 PLATED	1	1	1	1	1			
49	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1			
50	1	26756-080002	NUT, LOCK M8	1	1	1	1	1			

Remarks
(1) WITH C.W.THERMOMETER(REF.NO.20,
P/# 171010-77850) & PRESSURE
GAUGE(REF.NO.23,P/# 171090-91010).

Fig.24. GASKET SET & TOOL(OPTIONAL)



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-92850	GASKET SET	1			1				1
2	1	729408-92860	GASKET SET		1			1			1
3	1	729408-92870	GASKET SET			1					1
4	2	129408-01330	GASKET, HEAD	1	1	1	1	1			
5	2	121850-51960	O-RING	1	1	1	1	1			
6	2	121400-11340	SEAL, VALVE STEM	4	4	4	4	4			
7	2	124460-11340	SEAL, VALVE STEM	4	4	4	4	4			
8	2	119625-11870	PROTECTOR, NOZZLE	4	4	4	4	4			
9	2	119625-11880	SEAT, NOZZLE	4	4	4	4	4			
10	2	129550-11310	GASKET, BONNET	1	1	1	1	1			
11	2	129400-13201	GASKET, SILENCER	2	2	2	2	2			
12	2	129150-77511	GASKET	1	1	1	1	1			
13	2	129550-12111	GASKET, MANIFOLD	1		1	1				
14	2	129407-12110	GASKET, MANIFOLD		1			1			
15	2	129407-13110	GASKET	1	1		1	1			
16	2	129550-13110	GASKET	1		1	1				
17	2	129150-32020	GASKET, PUMP	1	1	1	1	1			
18	2	129150-35041	GASKET	1	1	1	1	1			
19	2	129150-35111	GASKET	1	1		1	1			
20	2	129100-42020	GASKET, WATER PUMP	1	1	1	1	1			
20-1	2	129486-42021	GASKET, WATER PUMP	1	1	1	1	1			N
(A=E14813) (B=E15961) (C=E14815) (D=E15591) (E=E15110)											
21	2	129795-49551	GASKET	1	1	1	1	1			
22	2	129150-49811	GASKET, THERMOSTAT	1	1	1	1	1			
23	2	124465-44950	GASKET, 16	2	2	2	2	2			
24	2	129150-49360	GASKET	1	1	1	1	1			
25	2	24341-000500	O-RING, 1AS50.0	1	1	1	1	1			
26	2	24311-000320	O-RING, 1AP32.0	2	2	2	2	2			
27	2	24311-000120	O-RING, 1AP12.0	3	3	3	3	3			
28	2	24311-000160	O-RING, 1AP16.0	3	3	3	3	3			
29	2	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
30	2	24321-000850	O-RING, 1AG85.0	1			1				
31	2	171353-26081	GASKET	1			1				
32	2	129100-49840	GASKET	1	1	1	1	1			
32-1	2	124395-49840	GASKET	1	1	1	1	1			N
(A=E30623) (B=E30099) (C=E30602) (D=E30053) (E=E30010)											
33	2	24321-000300	O-RING, 1AG30.0	1	1	1	1	1			
33-1	2	129486-42140	O-RING, G30	1	1	1	1	1			N
(A=E16018) (B=E15961) (C=E16392) (D=E15604) (E=E15829)											
34	2	129120-35110	GASKET				1				
35	2	129120-35121	GASKET				1				
36	1	129400-92430	HONE	1	1	1	1	1			1
37	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			1
38	1	721400-92102	BOX ASSY, TOOL	1	1	1	1	1			
39	2	104200-92350	DRIVER, SCREW	1	1	1	1	1			
40	2	104200-92600	BOX, TOOL	1	1	1	1	1			
41	2	28110-100120	SPANNER, 10X12	1	1	1	1	1			
42	2	28110-140170	SPANNER, 14X17	1	1	1	1	1			
43	2	28110-190220	SPANNER, 19X22	1	1	1	1	1			
44	2	28210-000140	OILER	1	1	1	1	1			

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104200-55330	16	3
104200-55750	16	10
104200-66820	17	7
104200-66830	17	8
104200-66850	17	9
104200-66860	17	10
104200-92350	24	39
104200-92600	24	40
104507-07190	23	14
105025-59530	15	80
	16	28
105225-59511	15	79
	16	27
105300-51300	13	36
105312-59510	16	22
114250-39450	10	33 -1
114250-53080	15	11
114250-53120	15	15
114250-53130	15	16
114250-53140	15	17
114250-53210	15	18
114250-53400	15	19
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119131-18320	7	5
119259-44570	12	43
119305-59120	15	32
119620-01750	3	7
119623-49100	12	49
119625-11870	4	23
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	24	8
119625-11880	4	24
	5	31
	24	9
119625-11900	4	25
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119640-01640	3	13
		19
119653-77950	14	97
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119836-77750	21	8
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119836-77780	21	11
119836-77790	21	15
119836-77800	21	16
119836-77810	21	19
119836-77820	21	20
119836-77830	21	21
119836-77840	21	17
119836-77850	21	3
119836-77860	21	18
119836-77871	21	12
119836-77880	21	13
119836-77890	21	14
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119840-59560	15	85
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119888-66110	17	3
119888-66130	17	4
119888-66160	17	1
119888-89100	22	1
119888-89110	22	2
119888-89210	22	4
119888-91022	23	2
119888-91031	23	24
119888-91101	23	10
119888-91110	23	27
119888-91120	23	5
119888-91201	23	11
119888-91220	23	16
119888-91301	23	12
119888-91311	23	13
119888-91320	23	17
119888-91330	23	18
119888-91610	23	31
119888-91620	23	32
119908-61501	14	39 -1
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120323-61470	14	104
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121250-44901	11	35
121250-59550	15	82
121256-44600	12	31
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121267-44760	11	30
121400-11340	4	20
	5	25
	24	6
121400-44650	12	7
121400-91140	23	3
121400-91520	23	29
121400-91530	23	30
121450-01560	2	6
121450-42450	11	34
121476-01620	3	6
121520-34810	10	18
121550-23200	9	49
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121750-59890	12	55
	23	42
		45
121850-13580	7	12
121850-21680	9	12
121850-51960	2	12
	24	5
121855-13821	7	14
121855-13830	7	15
122117-51560	13	65
122710-51090	13	16
123500-13840	7	16
123682-44210	12	5
124066-59100	15	81
		84
124160-01751	2	7
	4	47
	5	49
124160-01910	1	5
		6
124160-11360	4	57
	5	58
124160-39140	10	34
124160-39450	10	33
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	24	32 -1
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124450-44530	12	27
124450-44550	12	30
124450-44560	12	28
124460-11340	4	21
	5	26
	24	7
124465-44950	11	36
		37
	24	23
124550-01590	2	36
		39
124550-21600	9	25
124550-51350	13	46
124550-51370	13	47
124550-59820	10	40
124550-59830	10	39
124550-66370	14	72
124550-77030	23	1
124559-77971	23	22
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129001-01250	1	12 -1
129001-02930	1	25
129001-35300	10	29
129001-42002	11	1
129001-42003	11	1 -1
129001-42040	11	20
129001-91841	2	23
129002-22070	9	31
129002-22081	9	29
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129052-61070	14	10
129052-61390	14	38
129052-61500	14	39
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129062-12560	6	22
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129100-01580	3	1
		25
	9	2
129100-01640	3	26
129100-11100	4	15
	5	20
129100-11110	4	16
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129100-11650	4	37
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129100-49840	11	18
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129100-51300	13	35
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129100-55650	16	4
129100-55670	16	6
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129100-61400	14	24
129100-61440	14	90
129100-61650	14	92
129100-61930	14	99
129100-77330	21	31
129103-49301	11	40
129120-33041	10	48
129120-33051	10	49
129120-33060	10	50
129120-35001	10	51
129120-35110	10	55
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129129-77230	19	8
129129-77240	19	9
	20	10
129129-77260	19	21
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129129-77270	19	22
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129129-77290	19	24
129129-77320	19	28
129129-77340	19	30
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129129-77350	19	31
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129129-77362	19	32
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129129-77370	20	29
129129-77380	19	34
129129-77400	19	16
129129-77410	19	17
129129-77420	19	19
129129-77430	19	20
129129-77440	19	14
129129-77450	19	15
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129136-34800	10	17
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129150-01200	1	33
129150-02020	1	8
129150-02450	8	4
129150-02870	1	35
129150-02930	1	28
129150-02940	1	38
129150-03020	4	48
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129150-03080	4	50
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129150-03100	2	11
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129150-14101	8	7
129150-14200	8	1
129150-14400	8	2
129150-21200	9	5
129150-23600	9	50
129150-23610	9	62
129150-25101	8	10
129150-25301	8	19
129150-25900	8	15
129150-25920	8	13
129150-25931	8	20
129150-32020	10	14
	24	17
129150-35041	10	19
	24	18
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