

0CV10-M60201EN

PREFACE

1. This Parts Catalog carries all parts incorporated in YANMAR Model 4TNE84 - LAN engine manufactured since September, 1998 & 4TNE84 - ELAN engine manufactured since August, 2000.

2. Parts catalog history

	Parts catalog No.	Published	Remarks
1st edition	000Y00V6020	1998/11	Disuse old edition
1st revised	000Y00V6021	2000/10	

3. Model name

Column	Model name	Manufactured	E/#
(A)	4TNE84 - LAN	1998/9 ~	12759 ~
(B)	4TNE84 - ELAN	2000/8 ~	32408 ~

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

5. 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.

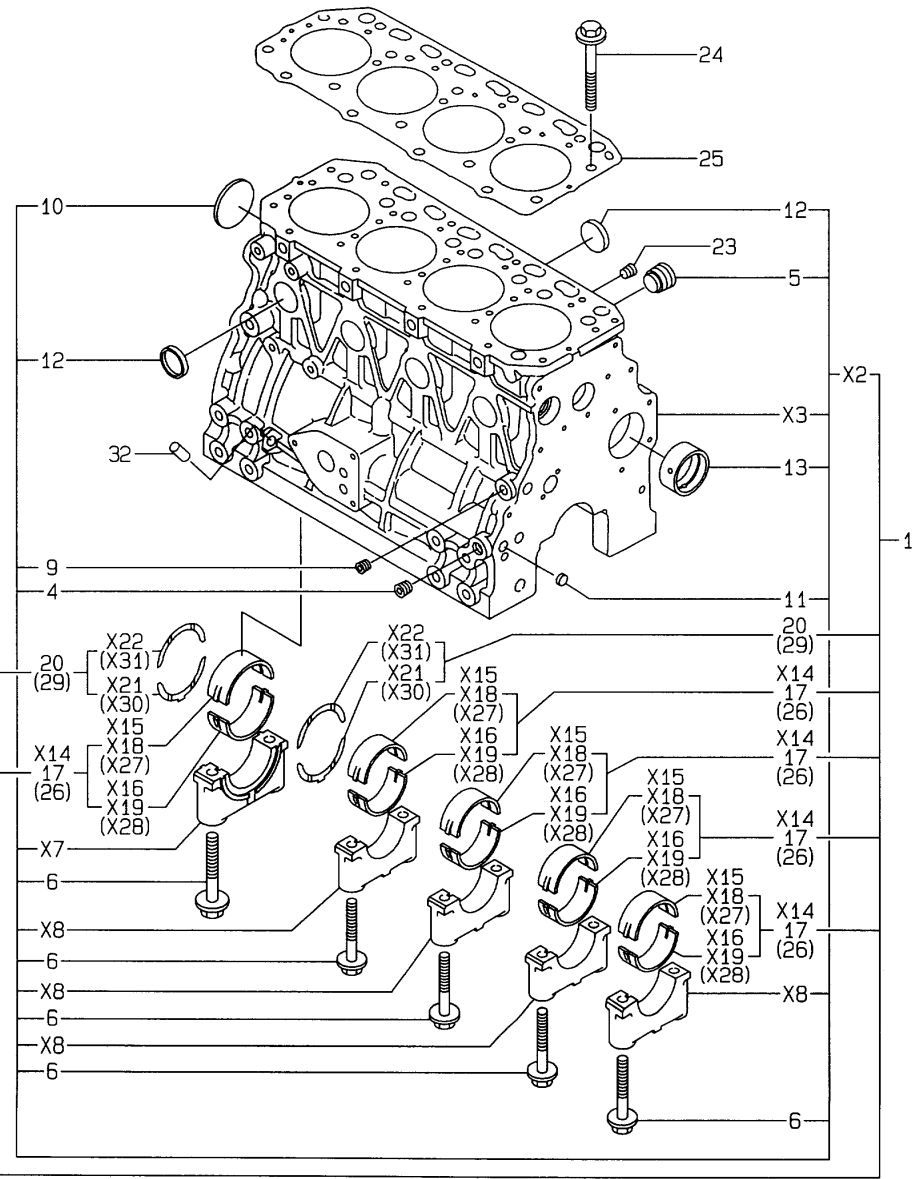
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
ENGINE 4TNE84-(E)LAN			
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3.	MOUNTING FLANGE & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	CAMSHAFT & DRIVING GEAR		
8.	CRANKSHAFT & PISTON		
9.	BALANCER		
10.	LUB.OIL SYSTEM		
11.	COOLING WATER SYSTEM		
12.	FUEL INJECTION PUMP		
13.	GOVERNOR		
14.	FUEL INJECTION VALVE		
15.	FUEL LINE		
16.	STARTING MOTOR		
17.	GENERATOR		
18.	GASKET SET		

Fig.1. CYLINDER BLOCK

1.CYLINDER BLOCK

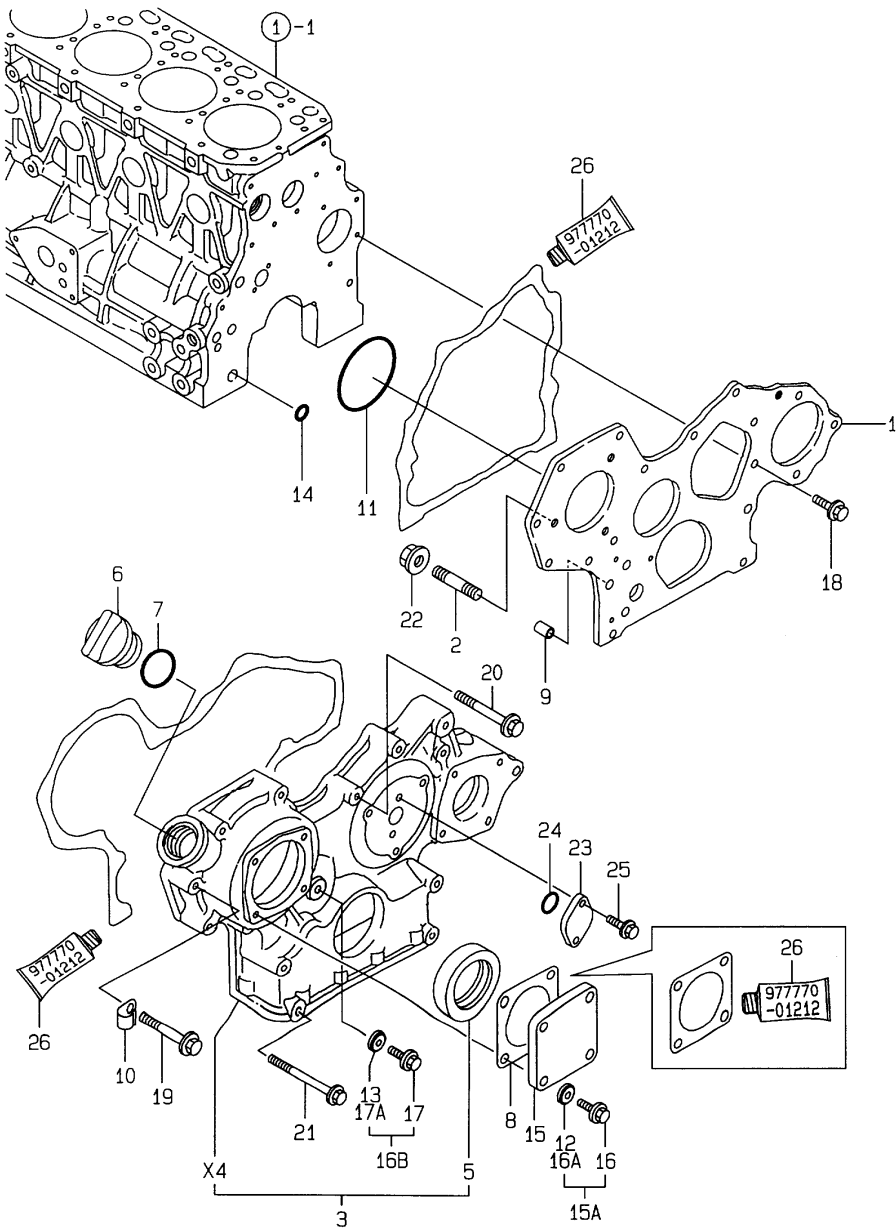


Remarks
(1) UNDER-SIZED(U.S=0.25)PART.
(2) OVER-SIZED(O.S=0.25)PART.
(3) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-01560	BLOCK ASSY, CYLINDER	1	1						
4	3	124160-01910	PLUG, PT1/4	2	2						
5	3	171051-01921	PLUG, NPTF1	1	1						
6	3	129150-02020	BOLT, METAL CAP	10	10						
9	3	23871-010000	PLUG, R01	1							
9-1	3	23876-010000	PLUG, R01	1	1					N	
(A=E16189)											
10	3	27231-500000	PLUG 50	1							
10-1	3	129001-01250	PLUG, 50	1	1					N	
(A=E17061)											
11	3	27241-120000	PLUG, 12	2	2						
12	3	27241-300000	PLUG 30	8	8						
13	3	129795-02411	BUSH, CAMSHAFT	1	1						
17	2	129001-02930	BEARING, MAIN	5	5						3
20	2	129150-02930	BEARING, THRUST	2	2						
23	1	23871-030000	PLUG, R03	1							
23-1	1	23876-030000	PLUG, R03	1	1					N	
(A=E16189)											
24	1	129150-01200	BOLT, HEAD	18	18						
25	1	129408-01330	GASKET, HEAD	1	1						
26	1	129150-02870	BEARING, 0.25 US	5	5						1
29	1	129150-02940	BEARING, THRUST 0.25	1	1						2
32	1	27225-100140	PLUG, 10X14	1	1						

Fig.2. GEAR HOUSING

2. GEAR HOUSING

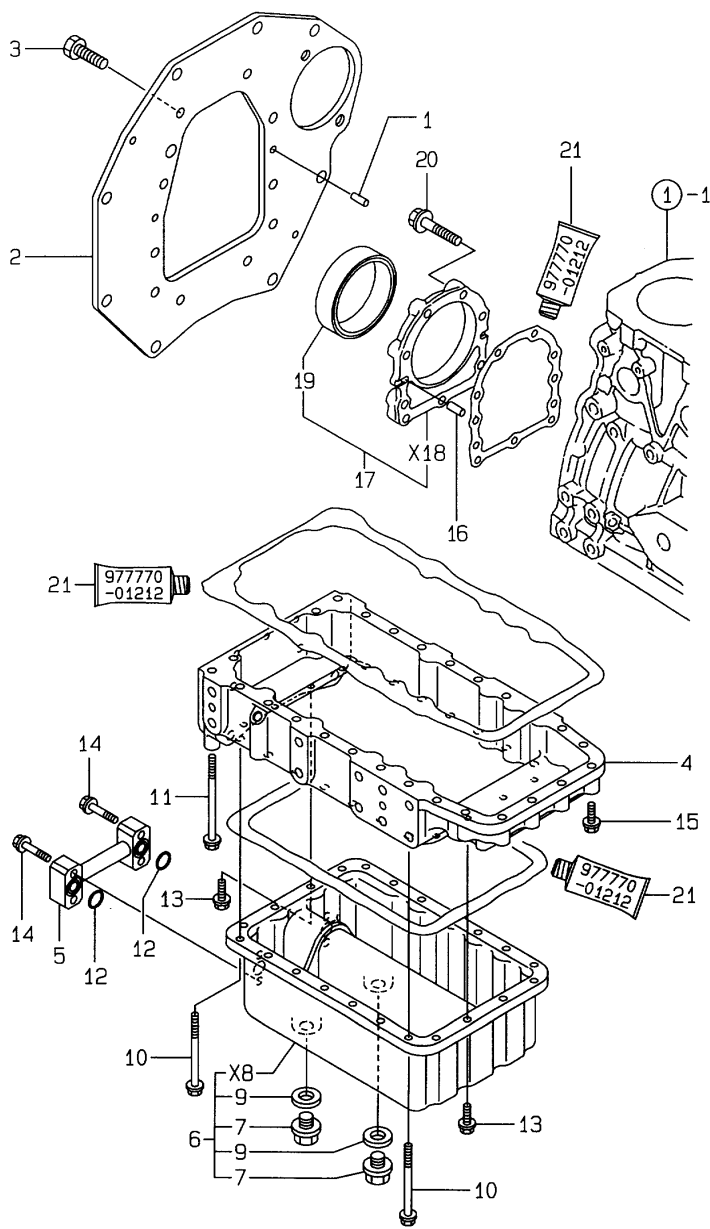


Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171353-01520	FLANGE, GEAR CASE	1	1						
2	1	121450-01560	STUD, M8X22	3	3						
3	1	171353-01580	CASE ASSY, GEAR	1	1						
5	2	129795-01800	SEAL, OIL	1	1						
6	1	124160-01751	COVER, FILLER	1	1						
7	1	24311-000320	O-RING, 1AP32.0	1	1						
8	1	124240-01883	GASKET	1							Z
(A=E13305)											
9	1	129795-01950	PIPE, KNOCK L=18	2	2						
10	1	129150-03100	RETAINER, PIPE	1	1						
11	1	121850-51960	O-RING	1	1						
12	1	22190-080002	WASHER, SEAL 6	4							Z
(A=E13305)											
13	1	22190-080002	WASHER, SEAL 6	1							Z
(A=E13305)											
14	1	24311-000160	O-RING, 1AP16.0	2	2						
15	1	124240-01871	COVER	1	1						
15A	1	124550-01590	BOLT, M8X16	4	4						W
(A=E13305)											
16	2	26106-080122	BOLT, M8X 12 PLATED	4							N
16-1	2	26106-080162	BOLT, M8X 16 PLATED	4	4						
(A=E13305)											
16A	2	22190-080002	WASHER, SEAL 6	4							W
(A=E13305)											
16A-1	2	22190-080003	WASHER, SEAL 8	4	4						N
(A=E17061)											
16B	1	124550-01590	BOLT, M8X16	1	1						W
(A=E13305)											
17	2	26106-080162	BOLT, M8X 16 PLATED	1	1						
17A	2	22190-080002	WASHER, SEAL 6	1							W
(A=E13305)											
17A-1	2	22190-080003	WASHER, SEAL 8	1	1						N
(A=E17061)											
18	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
19	1	26106-080452	BOLT, M8X 45 PLATED	6	6						
20	1	26106-080552	BOLT, M8X 55 PLATED	3	3						
21	1	129001-91840	BOLT, M8X85	4							
21-1	1	129001-91841	BOLT, M8X85	4	4						R
(A=E19262)											
22	1	26366-080002	NUT, M8	3	3						
23	1	121023-01550	COVER	1	1						
24	1	24341-000240	O-RING, 1AS24.0	1	1						
25	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
26	1	977770-01212	GASKET, LIQUID	1	1						1

Fig.3. MOUNTING FLANGE & OIL SUMP

3.MOUNTING FLANGE & OIL SUMP

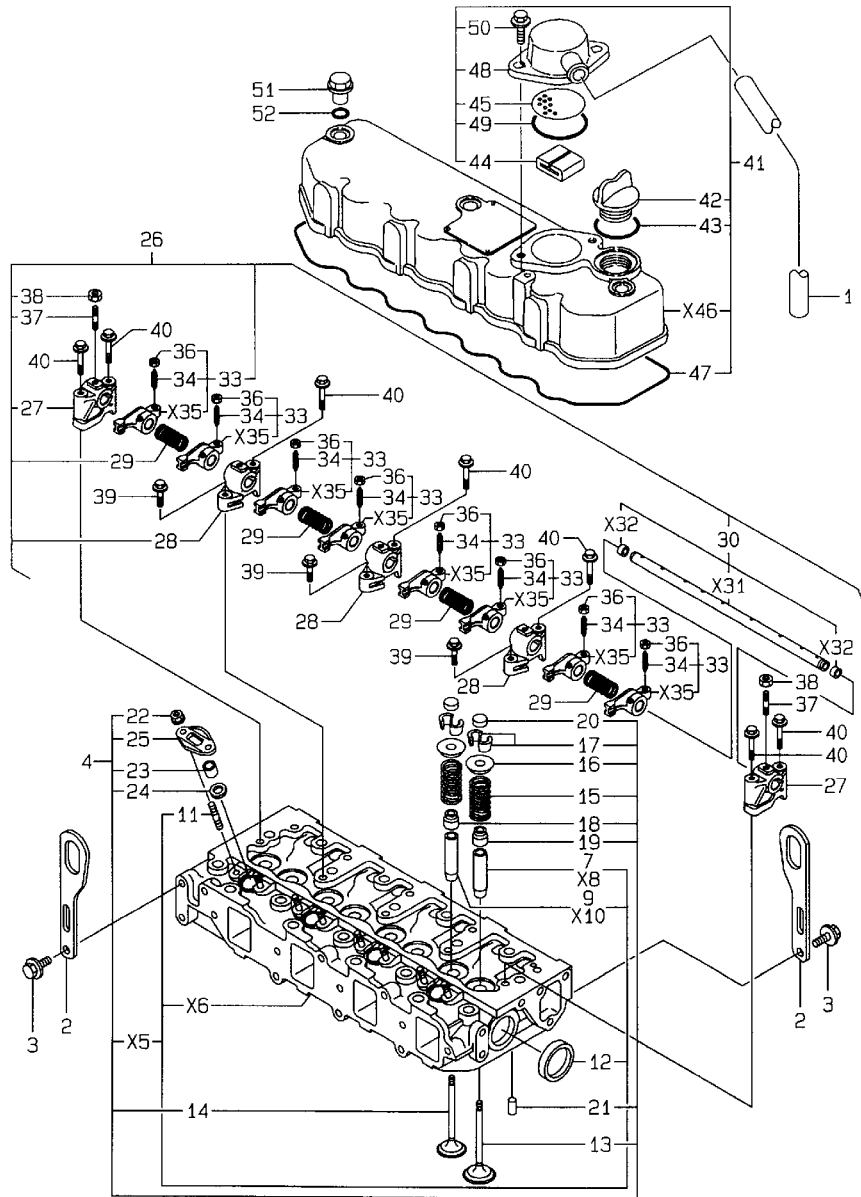


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2						
2	1	129051-01600	FLANGE, MOUNTING	1	1						
3	1	26206-100202	BOLT, M10X 20 PLATED	8	8						
4	1	129457-01700	SPACER, OIL SUMP	1	1						
5	1	129051-01721	JOINT	1	1						
6	1	129457-01780	SUMP ASSY, OIL	1	1						
7	2	105425-01690	PLUG, 16	2	2						
9	2	22190-160002	WASHER, SEAL 16	2	2						
10	1	129001-91870	BOLT, M8X100	14	14						
11	1	129001-91910	BOLT, M8X120	4	4						
12	1	24311-000180	O-RING, 1AP18.0	2	2						
13	1	26106-080252	BOLT, M8X 25 PLATED	8	8						
14	1	26106-080402	BOLT, M8X 40 PLATED	4	4						
15	1	26106-080502	BOLT, M8X 50 PLATED	8	8						
16	1	129100-01580	PIN, M8X16	2	2						
17	1	129100-01640	CASE ASSY, OIL SEAL	1	1						
19	2	129795-01780	SEAL, OIL	1	1						
20	1	129486-01670	BOLT, M8X30	9	9						
21	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

Fig.4. CYLINDER HEAD & BONNET

4.CYLINDER HEAD & BONNET



x-MARK PARTS: NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-03090	HOSE, ID16X2T	1	1						
2	1	124736-07900	LIFTER	2	2						
3	1	26106-080142	BOLT, M8X 14 PLATED	4	4						
4	1	129457-11700	HEAD ASSY, CYLINDER	1	1						
7	3	120130-11860	GUIDE, VALVE	4	4						1
9	3	129150-11810	GUIDE, VALVE	4	4						1
11	3	26216-060202	STUD, M6X 20	8	8						
12	3	27241-400000	PLUG, 40	2	2						
13	2	129100-11100	VALVE, INTAKE	4	4						
14	2	129100-11110	VALVE, EXHAUST	4	4						
15	2	129795-11120	SPRING, VALVE	8	8						
16	2	129795-11180	RETAINER, SPRING	8	8						
17	2	27310-080001	COTTER, 8	8	8						
18	2	121400-11340	SEAL, VALVE STEM	4	4						
19	2	124460-11340	SEAL, VALVE STEM	4	4						
20	2	129150-11370	CAP, VALVE	8	8						
21	2	22351-060012	PIN, SPRING 6.0X12	2	2						
22	2	26366-060002	NUT, M6	8	8						
23	2	119625-11870	PROTECTOR, NOZZLE	4	4						
24	2	119625-11880	SEAT, NOZZLE	4	4						
25	2	119625-11900	RETAINER, NOZZLE	4	4						
26	1	129555-11241	SHAFT ASSY, ROCKER	1	1						
27	2	129155-11260	SUPPORT, ROCKER ARM	2	2						
28	2	129155-11270	SUPPORT, ROCKER ARM	3	3						
29	2	129150-11280	SPRING	4	4						
30	2	129550-11290	SHAFT, ROCKER ARM	1	1						
33	2	729402-11650	ARM ASSY, ROCKER	8	8						
34	3	129150-11230	SCREW, VALVE ADJUST	8	8						
36	3	129150-11750	NUT, M8	8	8						
37	2	26226-080182	STUD, M8X 18	3	3						
38	2	26756-080002	NUT, LOCK M8	3	3						
39	1	26106-080252	BOLT, M8X 25 PLATED	3	3						
40	1	26106-080502	BOLT, M8X 50 PLATED	7	7						
41	1	129400-11350	BONNET ASSY, HEAD	1	1						
42	2	124160-01751	COVER, FILLER	1	1						
43	2	24311-000320	O-RING, 1AP32.0	1	1						
44	2	129150-03070	BAFFLE, BREATHER	1	1						
45	2	129150-03080	PLATE, BAFFLE	1	1						
47	2	129550-11310	GASKET, BONNET	1	1						
48	2	129150-03020	COVER, BREATHER	1	1						
49	2	24341-000500	O-RING, 1AS50.0	1	1						
50	2	26106-080162	BOLT, M8X 16 PLATED	2	2						
51	1	124160-11360	KNOB	3	3						
52	1	24311-000120	O-RING, 1AP12.0	3	3						

Remarks
(1) REPAIR PART.

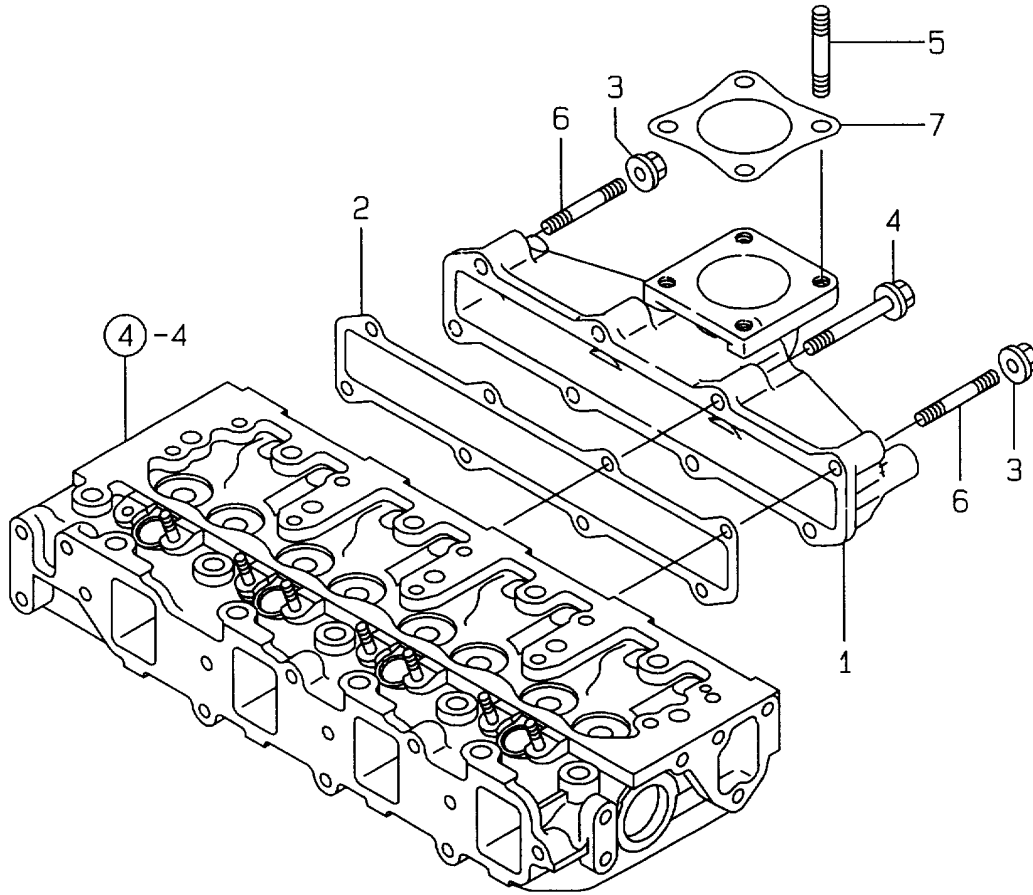
This diagram shows an exploded view of a hydraulic pump assembly. The components are labeled with numbers 1 through 7:

- 1**: The main pump housing or body.
- 2**: A mounting bracket or flange plate.
- 3**: A small pin or clip used for assembly.
- 4**: A long screw or bolt used for mounting.
- 4-4**: Four short pins or clips used for assembly.
- 5**: A cylindrical component, likely a pump head or motor.
- 6**: A square gasket or seal plate.
- 7**: A short screw or bolt used for assembly.

[illegible]

Fig.6. EXHAUST MANIFOLD

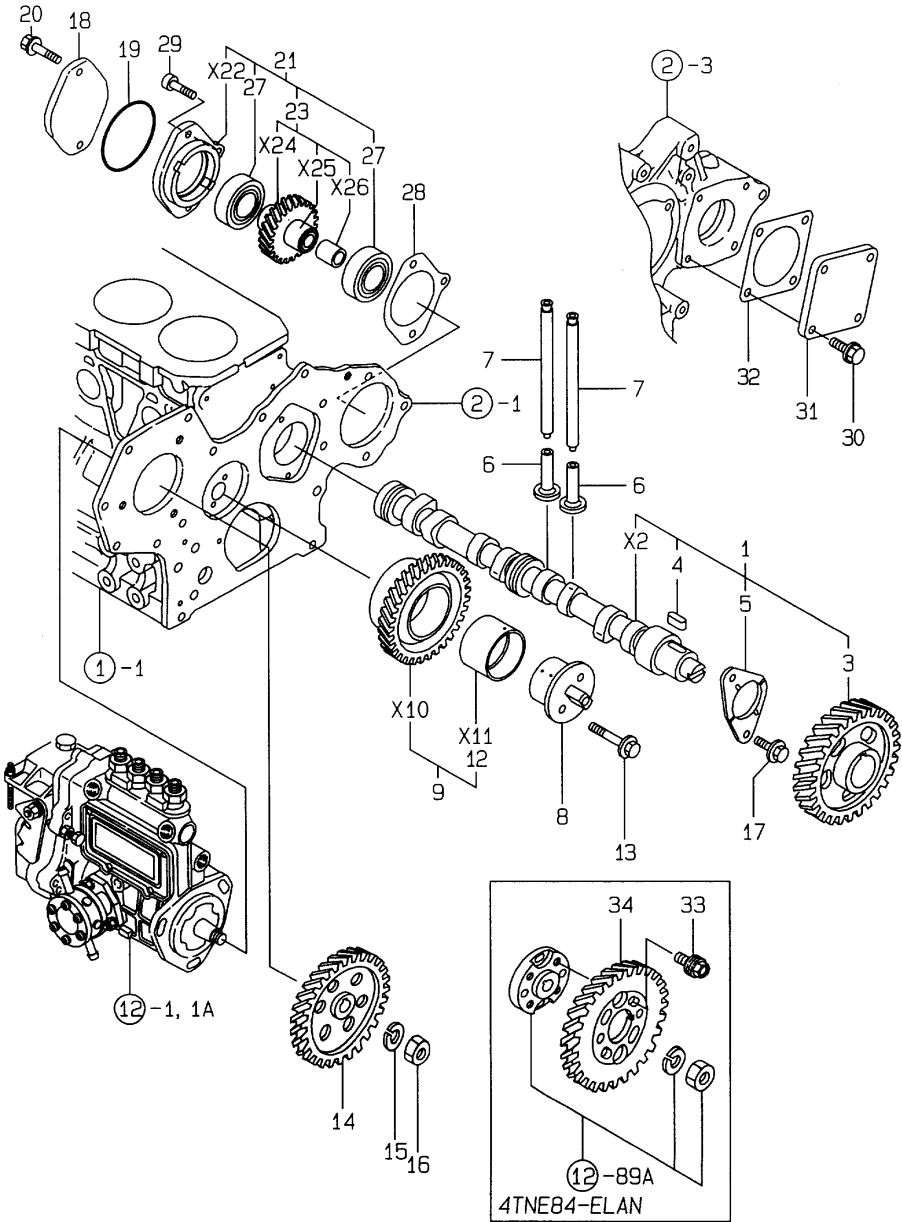
6. EXHAUST MANIFOLD



No.	Lev.	Parts No.	Description	(A)=4TNE84-LAN (B)=4TNE84-ELAN (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-13100	MANIFOLD, EXHAUST	1	1						
2	1	129407-13110	GASKET	1	1						
3	1	26366-080002	NUT, M8	2	2						
4	1	26106-080402	BOLT, M8X 40 PLATED	6	6						
5	1	119131-18320	STUD, M8X22	4	4						
6	1	26216-080402	STUD, M8X 40	2	2						
7	1	129400-13201	GASKET, SILENCER	1	1						

Fig.7. CAMSHAFT & DRIVING GEAR

7.CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729402-14580	CAMSHAFT ASSY	1	1						
3	2	129150-14101	GEAR, CAMSHAFT	1	1						
4	2	22512-070140	KEY, 7X 14	1	1						
5	2	129150-02450	BEARING, THRUST	1	1						
6	1	129150-14200	TAPPET	8	8						
7	1	129150-14400	ROD, PUSH L=178	8	8						
8	1	129100-25061	SHAFT, IDLE	1	1						
9	1	129150-25101	GEAR ASSY, IDLE	1	1						
12	2	129150-25920	BUSH, IDLE GEAR	1	1						1
13	1	26106-080452	BOLT, M8X 45 PLATED	2	2						
14	1	129150-25900	GEAR, PUMP	1							
15	1	22217-120000	WASHER, SPRING 12	1							
16	1	26716-120002	NUT, M12	1							
17	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
18	1	121023-26070	COVER	1	1						
19	1	24321-000850	O-RING, 1AG85.0	1	1						
20	1	26106-100452	BOLT, M10X 45 PLATED	2	2						
21	1	129051-26200	DRIVE ASSY, PUMP	1	1						
23	2	129051-26210	GEAR ASSY, PUMP	1	1						
27	2	24105-060064	BEARING, BALL 6006Z	2	2						
28	1	171353-26081	GASKET	1	1						
29	1	26450-080282	BOLT, M8X 28	1	1						
30	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
31	1	124240-01871	COVER	1	1						
32	1	124240-01883	GASKET	1	1						
33	1	129150-25301	BOLT		4						
34	1	129150-25931	GEAR, PUMP		1						

This exploded view diagram illustrates the assembly of a 100 cc engine. The components are numbered as follows:

- 1**: Main crankshaft assembly
- 2**: Crank pin
- 3**: Crank pin nut
- 4**: Crank pin seal
- 5**: Crank pin seal cap
- 6**: Crank pin seal cap nut
- 7**: Crank pin seal cap washer
- 8**: Crank pin seal cap bolt
- 9**: Crank pin seal cap nut
- 10**: Crank pin seal cap
- 11**: Crank pin seal cap nut
- 12**: Crank pin seal cap bolt
- 13**: Crank pin seal cap nut
- 14**: Crank pin seal cap
- 15**: Crank pin seal cap nut
- 16**: Crank pin seal cap
- 17**: Piston pin
- 17A**: Piston pin (32)
- 18**: Piston pin (32A)
- 19**: Piston pin (34)
- 20**: Piston pin (35)
- 21**: Piston pin (36)
- 22**: Piston pin (37)
- 23**: Piston pin (38)
- 24**: Piston pin (39)
- 25**: Piston pin (39)
- 26**: Piston pin (39)
- 27**: Piston pin (39)
- 28**: Piston pin (39)
- 29**: Piston pin (39)
- 30**: Piston pin (38)
- 31**: Piston pin (39)
- 32**: Piston pin (32)
- 32A**: Piston pin (32A)
- 33**: Piston pin (33)
- 34**: Piston pin (34)
- 35**: Piston pin (35)
- 36**: Piston pin (36)
- 37**: Piston pin (37)
- 38**: Piston pin (38)
- 39**: Piston pin (39)

The diagram shows the crankshaft (1) with various seals and nuts (2-12). The piston assembly (17-24) is shown separately. The connecting rod (25) is shown with various pins (17-24) and a nut (29). The main crankshaft assembly (1) is shown with various gears (3, 4, 5, 6, 7, 8, 9, 10, 11, 12) and a nut (13).

x-MARK PARTS: NOT SOLD SEPARATELY

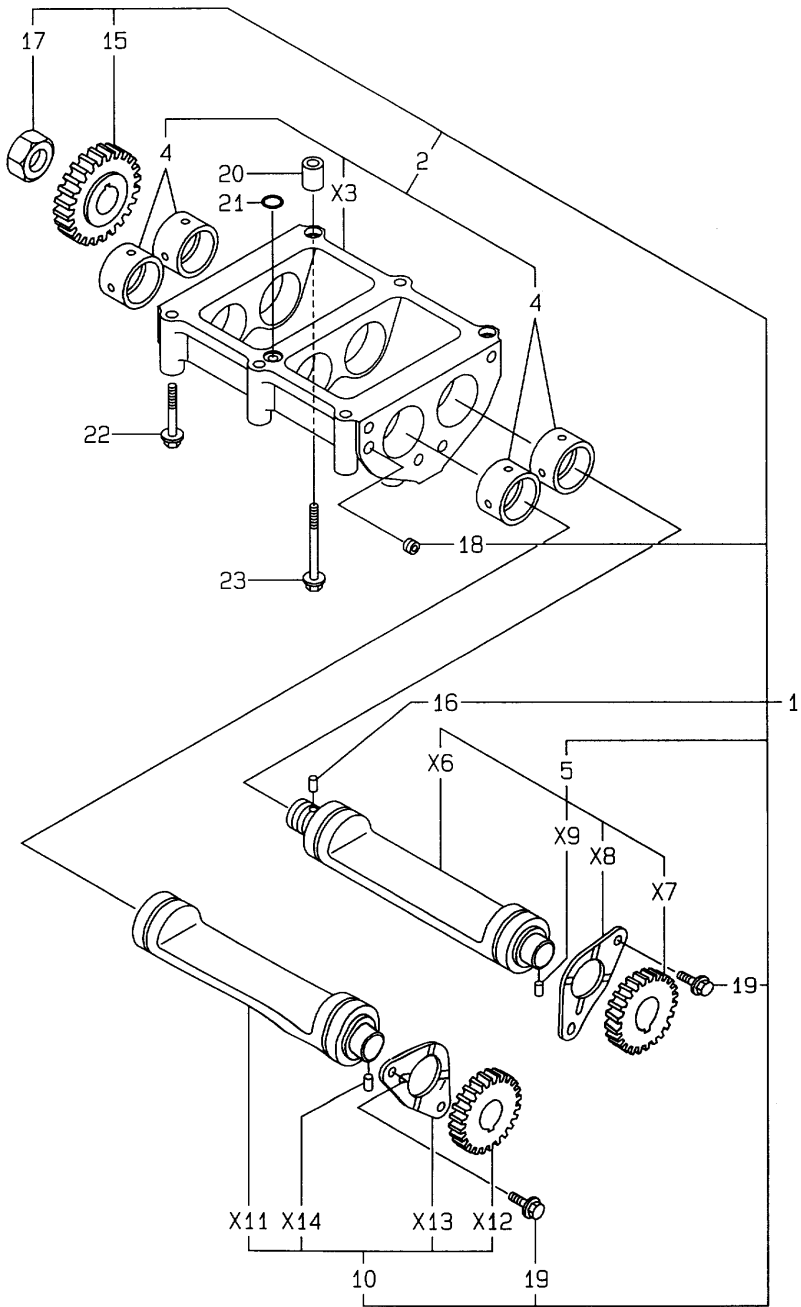
Remarks
(1) REPAIR PART.
(2) OVER-SIZE(O.S=0.25)PART.
(3) UNDER-SIZE(O.S=0.25)PART.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729457-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
5	2	121850-21290	PIN	1	1						
6	2	129400-28120	GEAR, BALANCER	1							
6-1	2	129400-28121	GEAR, BALANCER	1	1						N
(A=E19262)											
10	1	129457-21650	V-PULLEY	1	1						
11	1	129795-21661	WASHER	1	1						
12	1	121850-21680	BOLT	1	1						
13	1	121111-21501	BOLT, FLYWHEEL	6	6						
14	1	129457-21560	FLYWHEEL ASSY	1	1						
16	2	119865-21600	GEAR, RING	1	1						
17	1	129002-22081	PISTON ASSY	4							
17A	1	129002-22070	PISTON ASSY		4						
19	2	129002-22500	RING SET, PISTON	4	4						
23	1	129202-22300	PIN, PISTON D26 L70	4	4						
24	1	22252-000260	RING, 26	8	8						
25	1	729402-23100	ROD ASSY, CONNECTING	4	4						
28	2	129100-23910	BEARING, PISTON PIN	4	4						1
29	2	121550-23200	BOLT, CONNECTING ROD	8	8						
30	2	129150-23600	BEARING, CRANK PIN	4	4						
32	1	129002-22910	PISTON ASSY, 0.25 OS	4							2
32A	1	129002-22930	PISTON ASSY, 0.25 OS		4						2
34	2	129002-22960	RING SET, 0.25 OS	4	4						2
38	1	129150-23610	BEARING, 0.25 US	4	4						3

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:Qty Change

Fig.9. BALANCER

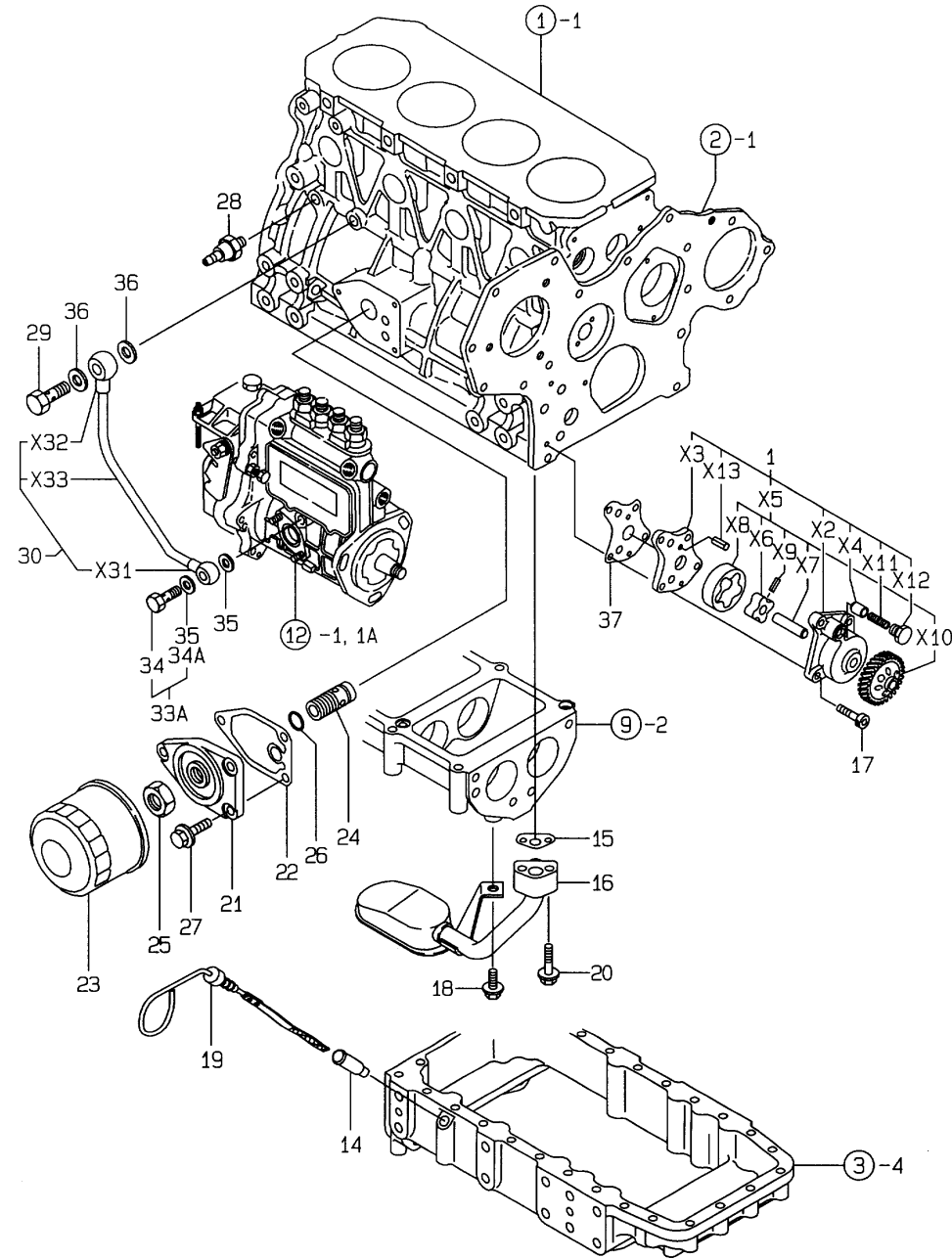
9. BALANCER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129457-28000	BALANCER ASSY	1	1						
2	2	129457-28010	CASE ASSY, BALANCER	1							
2-1	2	129457-28011	CASE ASSY, BALANCER	1	1						N
(A=E19262)											
4	3	129407-28240	BUSH, BALANCER	4	4						
5	2	729490-28510	SHAFT ASSY, BALANCER	1	1						
10	2	729490-28520	SHAFT ASSY, BALANCER	1	1						
15	2	129400-28150	GEAR, BALANCER	1	1						
16	2	121850-21290	PIN	1	1						
17	2	128170-14150	NUT	1	1						
18	2	23876-005000	PLUG, R005	1	1						
19	2	26106-080162	BOLT, M8X 16 PLATED	4							
19-1	2	26106-080142	BOLT, M8X 14 PLATED	4	4						R
(A=E16581)											
20	1	129795-01960	PIPE, KNOCK	2	2						
21	1	24311-000140	O-RING, 1AP14.0	1	1						
22	1	26106-080602	BOLT, M8X 60 PLATED	4	4						
23	1	26106-080802	BOLT, M8X 80 PLATED	2	2						

Fig.10. LUB.OIL SYSTEM

10.LUB.OIL SYSTEM

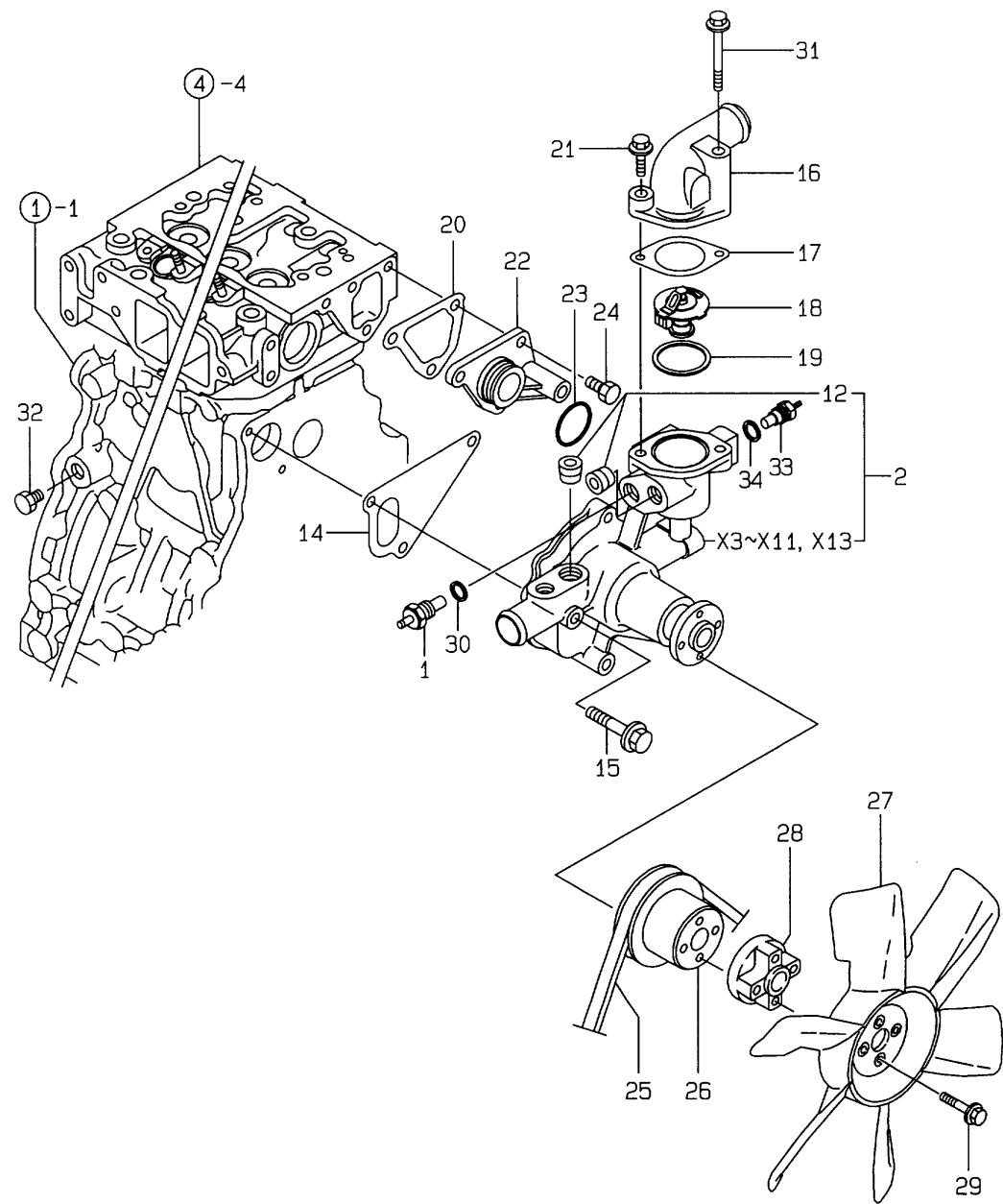


x-MARK PARTS: NOT SOLD SEPARATELY.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-32000	PUMP ASSY, OIL	1	1						
14	1	121520-34810	GUIDE, DIPSTICK	1	1						
15	1	129150-35041	GASKET	1	1						
16	1	129457-35090	PIPE ASSY, OIL INLET	1	1						
17	1	26450-060252	BOLT, M6X 25	4	4						
18	1	26014-080162	BOLT, M8X 16	1	1						
19	1	129457-34800	DIPSTICK, OIL	1	1						
20	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
21	1	129150-35101	BRACKET, STRAINER	1	1						
22	1	129150-35111	GASKET	1	1						
23	1	129150-35151	FILTER, D80XL80	1	1						
24	1	129001-35300	BOLT, FILTER	1	1						
25	1	129150-35350	NUT	1	1						
26	1	24311-000160	O-RING, 1AP16.0	1	1						
27	1	26106-080202	BOLT, M8X 20 PLATED	3	3						
28	1	124160-39450	SWITCH, 0.5KG	1							
28-1	1	114250-39450	SWITCH, 0.5KG	1	1						N
(A=E17730)											
29	1	124160-39140	BOLT, PIPE JOINT M10	1	1						
30	1	129550-39450	PIPE ASSY, OIL	1	1						
33A	1	124550-59830	BOLT ASSY, JOINT M8	1	1						W
(A=E13305)											
34	2	124550-59820	BOLT, PIPE JOINT M8	1	1						
34A	2	22190-080002	WASHER, SEAL 6	1	1						W
(A=E13305)											
35	1	22190-080002	WASHER, SEAL 6	2							K
35-1	1	22190-080002	WASHER, SEAL 6	1	1						
(A=E13305)											
36	1	23414-100000	GASKET, 10X1.0	2							
36-1	1	22190-100002	WASHER, SEAL 10	2	2						N
(A=E17061)											
37	1	129150-32020	GASKET, PUMP	1	1						

Fig.11. COOLING WATER SYSTEM

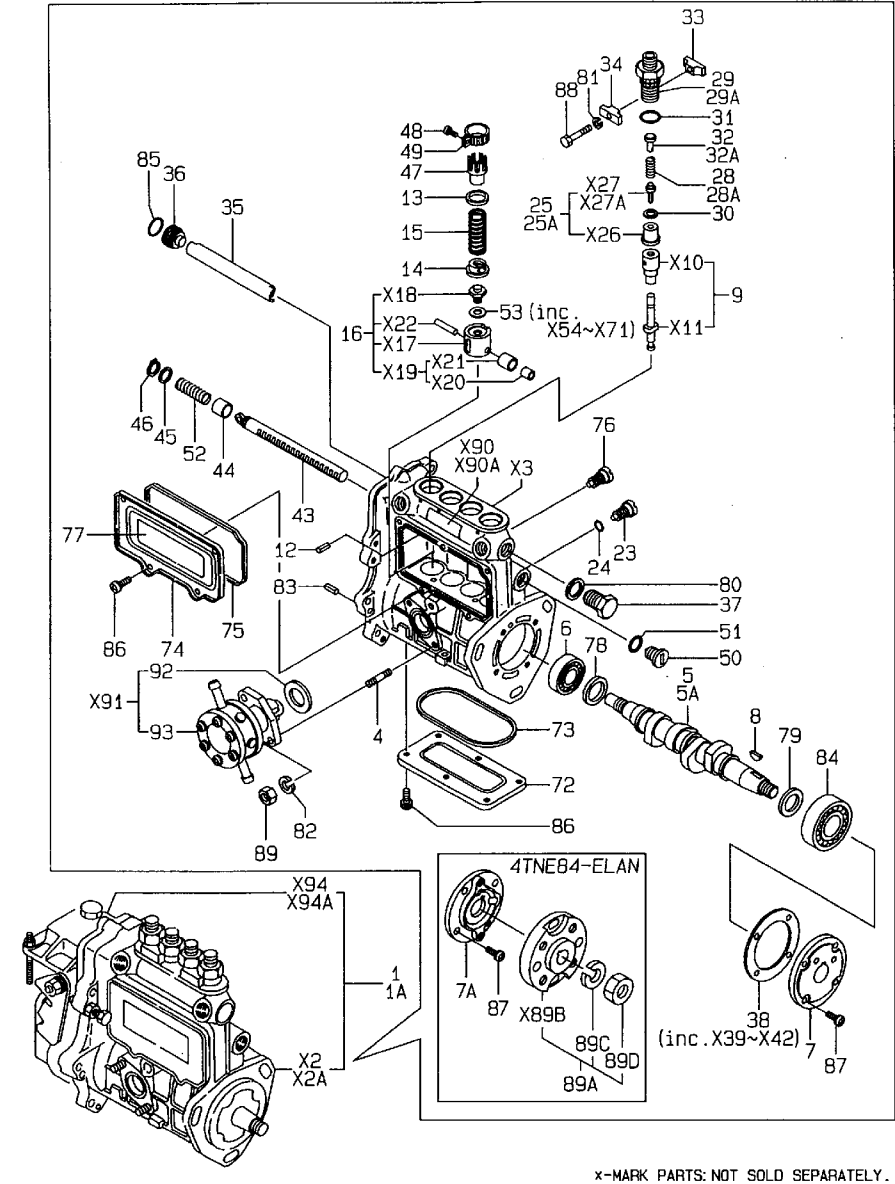
11.COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121250-44901	SWITCH, 110	1	1						
2	1	129001-42002	PUMP ASSY, WATER	1							
2-1	1	129001-42003	PUMP ASSY, WATER	1	1						N
(A=E16189)											
12	2	23871-030000	PLUG, R03	2							
12-1	2	23876-030000	PLUG, R03	2	2						N
(A=E16189)											
14	1	129100-42020	GASKET, WATER PUMP	1							
14-1	1	129486-42021	GASKET, WATER PUMP	1	1						N
(A=E16189)											
15	1	26106-080602	BOLT, M8X 60 PLATED	3	3						
16	1	124101-49530	COVER, THERMOSTAT	1	1						
17	1	129795-49551	GASKET	1	1						
18	1	129574-49800	THERMOSTAT, 82	1	1						
19	1	129150-49811	GASKET, THERMOSTAT	1	1						
20	1	129100-49840	GASKET	1							
20-1	1	124395-49840	GASKET	1	1						N
(A=E19262)											
21	1	26106-080252	BOLT, M8X 25 PLATED	1	1						
22	1	129001-42040	JOINT	1	1						
23	1	24321-000300	O-RING, 1AG30.0	1							
23-1	1	129486-42140	O-RING, G30	1	1						N
(A=E16189)											
24	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
25	1	25132-003600	V-BELT, A36	1	1						
26	1	129556-42350	V-PULLEY, 96	1	1						
27	1	129354-44740	FAN, COOLING	1	1						
28	1	171353-44760	SPACER, FAN	1	1						
29	1	26014-060452	BOLT, M6X 45	4	4						
30	1	124465-44950	GASKET, 16	1	1						
31	1	26106-080652	BOLT, M8X 65 PLATED	1	1						
32	1	171056-49120	PLUG, DRAIN	1	1						
33	1	124250-49351	SENSOR	1	1						
34	1	129150-49360	GASKET	1	1						

Fig.12. FUEL INJECTION PUMP

12.FUEL INJECTION PUMP

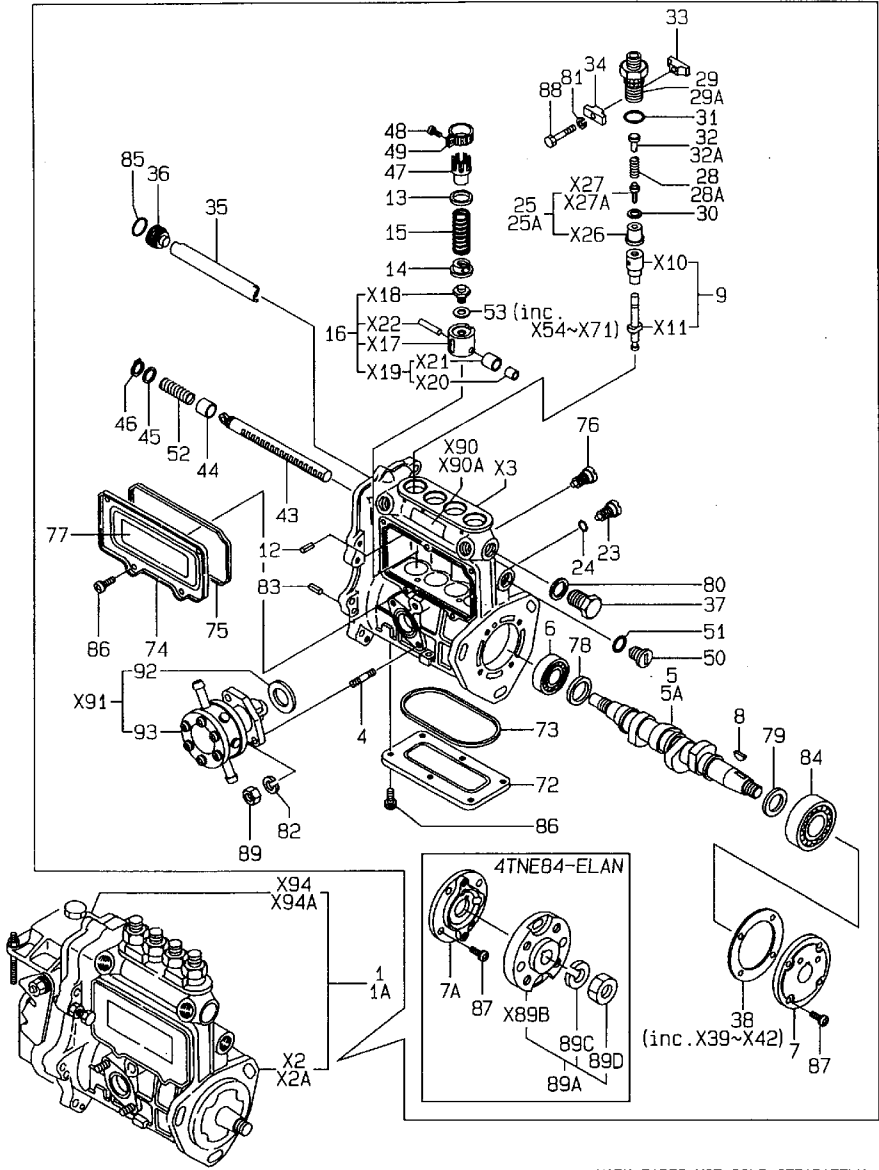


Remarks
(1) GOVERNOR ASSY(FIG.NO.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1,1A).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729458-51380	PUMP ASSY, INJECTION	1							1
1A	1	729458-51460	PUMP ASSY, INJECTION		1						1
4	3	129155-51020	STUD	2	2						
5	3	129470-51040	CAMSHAFT	1							
5A	3	129506-51040	CAMSHAFT		1						
6	3	129155-51050	BEARING, 17BM001D	1	1						
7	3	129155-51060	SUPPORT, CAMSHAFT	1							
7A	3	129208-51060	SUPPORT		1						
8	3	122710-51090	KEY	1	1						
9	3	129506-51100	PLUNGER ASSY	4	4						
12	3	129155-51140	PIN	4	4						
13	3	174307-51170	RETAINER, SPRING A	4	4						
14	3	129155-51180	RETAINER, SPRING	4	4						
15	3	124950-51190	SPRING, PLUNGER	4	4						
16	3	129155-51200	TAPPET ASSY	4	4						
23	3	129155-51270	STOPPER, TAPPET	4	4						
24	3	129155-51280	O-RING, S6	4	4						
25	3	129100-51300	VALVE ASSY, DELIVERY	4							
25A	3	129208-51300	VALVE ASSY, DELIVERY		4						
28	3	129155-51320	SPRING, DELIVERY	4							
28A	3	129573-51330	SPRING, DELIVERY		4						
29	3	129155-51340	RETAINER	4							
29A	3	129573-51340	RETAINER		4						
30	3	124550-51350	GASKET, DELIVERY	4	4						
31	3	124550-51370	O-RING	4	4						
32	3	129155-51370	STOPPER, VALVE	4							
32A	3	129573-51370	STOPPER, VALVE		4						
33	3	129155-51380	STOPPER	2	2						
34	3	129155-51390	STOPPER	2	2						
35	3	129555-51400	DEFLECTOR	1	1						
36	3	129155-51410	BOLT	1	1						
37	3	129155-51420	PLUG, M16	1	1						
38	3	129155-51450	SHIM SET, ADJUSTING	1	1						
43	3	129555-51500	RACK, CONTROL	1	1						
44	3	129155-51521	BUSH, RACK	1	1						
45	3	129155-51530	SPACER	1	1						
46	3	129155-51540	CIRCLIP	1	1						
47	3	129155-51550	PINION, CONTROL	4	4						
48	3	122117-51560	SCREW	4	4						
49	3	174307-51560	PINION	4	4						
50	3	129155-51570	PLUG, M12	1	1						
51	3	129155-51580	O-RING	1	1						
52	3	129155-51591	SPRING, RACK	1	1						
53	3	129155-51600	SHIM SET, ADJUSTING	4	4						
72	3	129555-51700	COVER	1							
72-1	3	129555-51701	COVER	1	1						N
(A=E18156)											
73	3	129555-51710	GASKET	1							
73-1	3	129555-51711	GASKET	1	1						N
(A=E19262)											
74	3	129555-51750	COVER	1							

Fig.12. FUEL INJECTION PUMP

12.FUEL INJECTION PUMP



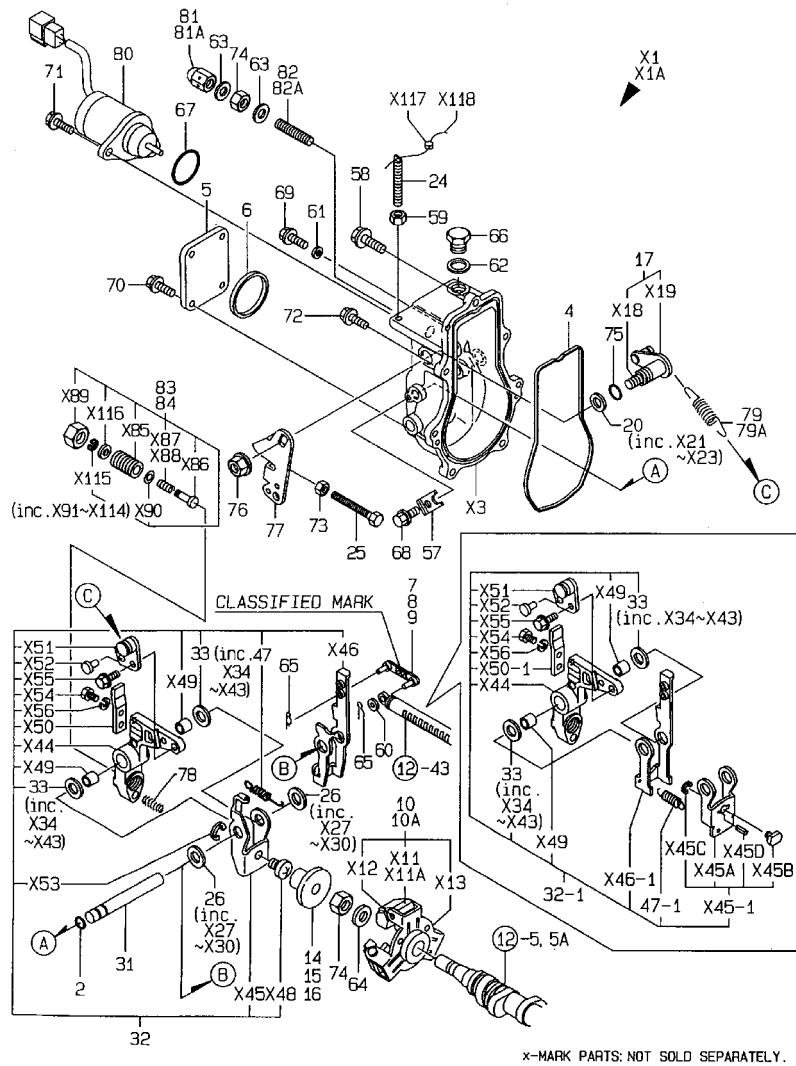
x-MARK PARTS: NOT SOLD SEPARATELY.

Remarks
(1) GOVERNOR ASSY(FIG.NO.13) IS
INCORPORATED IN THIS FUEL
INJECTION PUMP ASSY(REF.NO.1,1A).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
74-1	3	129555-51751	COVER	1	1						N
(A=E18156)											
75	3	129555-51760	GASKET	1	1						
76	3	129155-51790	STOOPER, RACK	1	1						
77	3	129156-51910	LABEL, CAUTION	1	1						
78	3	129155-51930	SPACER, T=3.25	1	1						
79	3	129155-51940	SPACER, T=1.5	1	1						
80	3	22190-160002	WASHER, SEAL 16	1	1						
81	3	22217-050000	WASHER, SPRING 5	2	2						
82	3	22217-060000	WASHER, SPRING 6	2	2						
83	3	22351-050010	PIN, SPRING 5.0X10	2	2						
84	3	24101-063034	BEARING, BALL 6303	1	1						
85	3	24341-000160	O-RING, 1AS16.0	1	1						
86	3	26022-050102	SCREW, M5X10	11							
86-1	3	26022-050122	SCREW, M5X12	11	11						N
(A=E18156)											
87	3	26022-060162	SCREW, M6X16	4	4						
88	3	26116-050302	BOLT, M5X 30 PLATED	2	2						
89	3	26716-060002	NUT, M6	2	2						
89A	3	129208-54500	FLANGE ASSY		1						
89C	4	22217-120000	WASHER, SPRING 12		1						
89D	4	26716-120002	NUT, M12		1						
92	3	129155-52050	GASKET	1	1						
93	3	129100-52100	PUMP ASSY, FUEL FEED	1	1						

Fig.13. GOVERNOR

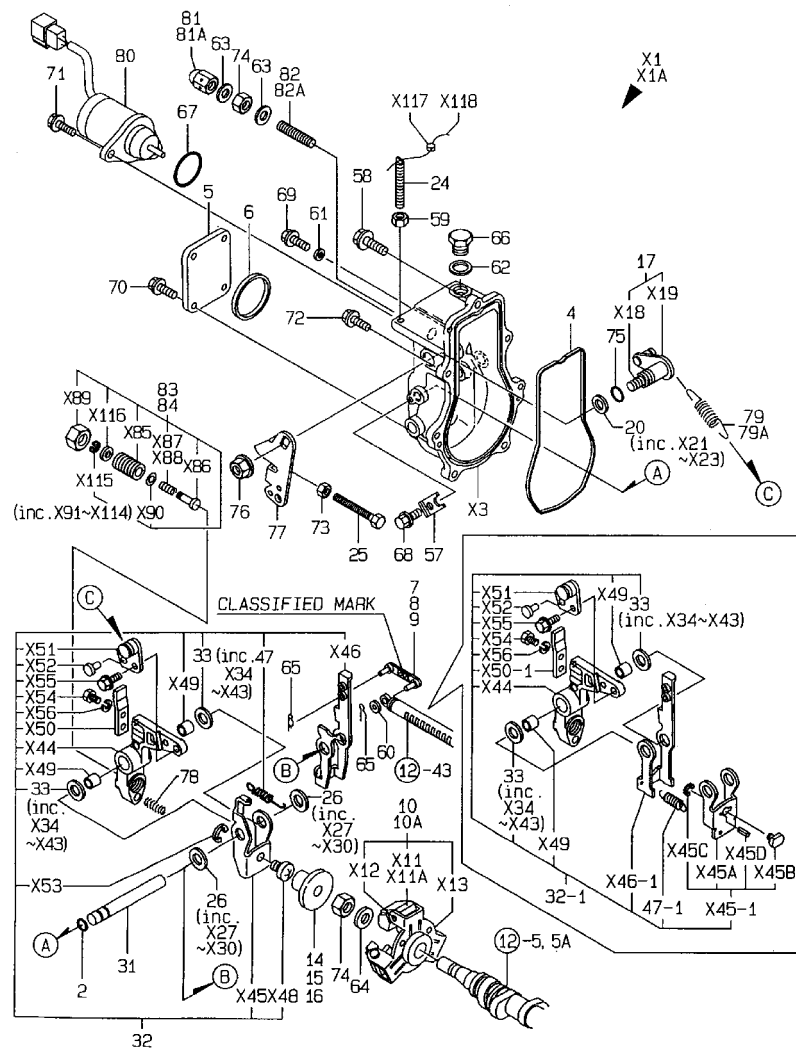
13. GOVERNOR



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.12).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	129155-51280	O-RING, S6	1	1						
4	3	129052-61050	GASKET	1	1						
5	3	129052-61060	COVER, GOVERNOR CASE	1	1						
6	3	129052-61070	GASKET	1	1						
7	3	129155-61120	LINK, L=30 MARK 0	1	1						1
8	3	129155-61130	LINK, L=31 MARK 1	1	1						1
9	3	129155-61140	LINK, L=30.5 MARK 05	1	1						1
10	3	129155-61201	WEIGHT ASSY,GOVERNOR	1							
10-1	3	129155-61202	WEIGHT ASSY,GOVERNOR	1							R
(A=E18156)											
10A	3	129486-61201	WEIGHT ASSY,GOVERNOR		1						
14	3	129155-61341	SLEEVE	1	1						2
15	3	129155-61350	SLEEVE, L=24.9	1	1						2
16	3	129155-61360	SLEEVE, L=25.2	1	1						2
17	3	129100-61400	SHAFT ASSY	1	1						
20	3	129155-61430	SPACER	1	1						
24	3	129155-61450	BOLT, LIMITER	1	1						
25	3	129155-61460	BOLT, IDLE	1	1						
26	3	129155-61480	SPACER ASSY	2	2						
31	3	129052-61390	SHAFT	1	1						
32	3	129052-61500	LEVER ASSY, GOVERNOR	1							
32-1	3	119908-61501	LEVER ASSY, GOVERNOR	1	1						R
(A=E19262)											
33	4	174307-51700	SHIM SET	2	2						
47	4	129052-61540	SPRING, SET	1							
47-1	4	129486-61540	SPRING, SET	1	1						S
(A=E19262)											
57	3	119660-61901	RETAINER, SHAFT	1	1						
58	3	129155-61950	BOLT	1	1						
59	3	124550-66370	NUT, M6	1	1						
60	3	22117-040000	WASHER, 4	1	1						
61	3	22190-060003	SEAL WASER 6	1	1						
62	3	22190-100002	WASHER, SEAL 10	1	1						
63	3	22190-120002	WASHER, SEAL 12	2	2						
64	3	22287-120000	WASHER, 12	1	1						
65	3	22372-040000	PIN, SNAP 4	2	2						
66	3	23887-100002	PLUG, 10	1	1						
67	3	24341-000280	O-RING, 1AS28.0	1	1						
67-1	3	158552-61900	O-RING	1	1						N
(A=E18156) (B=E18156)											
68	3	26106-060102	BOLT, M6X 10 PLATED	1	1						
69	3	26106-060102	BOLT, M6X 10 PLATED	1	1						
70	3	26106-060102	BOLT, M6X 10 PLATED	4	4						
71	3	26106-060142	BOLT, M6X 14 PLATED	2	2						
72	3	26106-060202	BOLT, M6X 20 PLATED	6	6						
73	3	26756-060002	NUT, LOCK M6	1	1						
74	3	26776-120002	NUT, LOCK M12	2	2						
75	3	129155-61830	O-RING, S10	1	1						
76	2	26366-080002	NUT, M8	1	1						
77	2	129100-61440	LEVER, CONTROL	1	1						
78	2	129100-61650	SPRING, CONTROLLER	1	1						

13. GOVERNOR



X-MARK PARTS: NOT SOLD SEPARATELY.

(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.12).

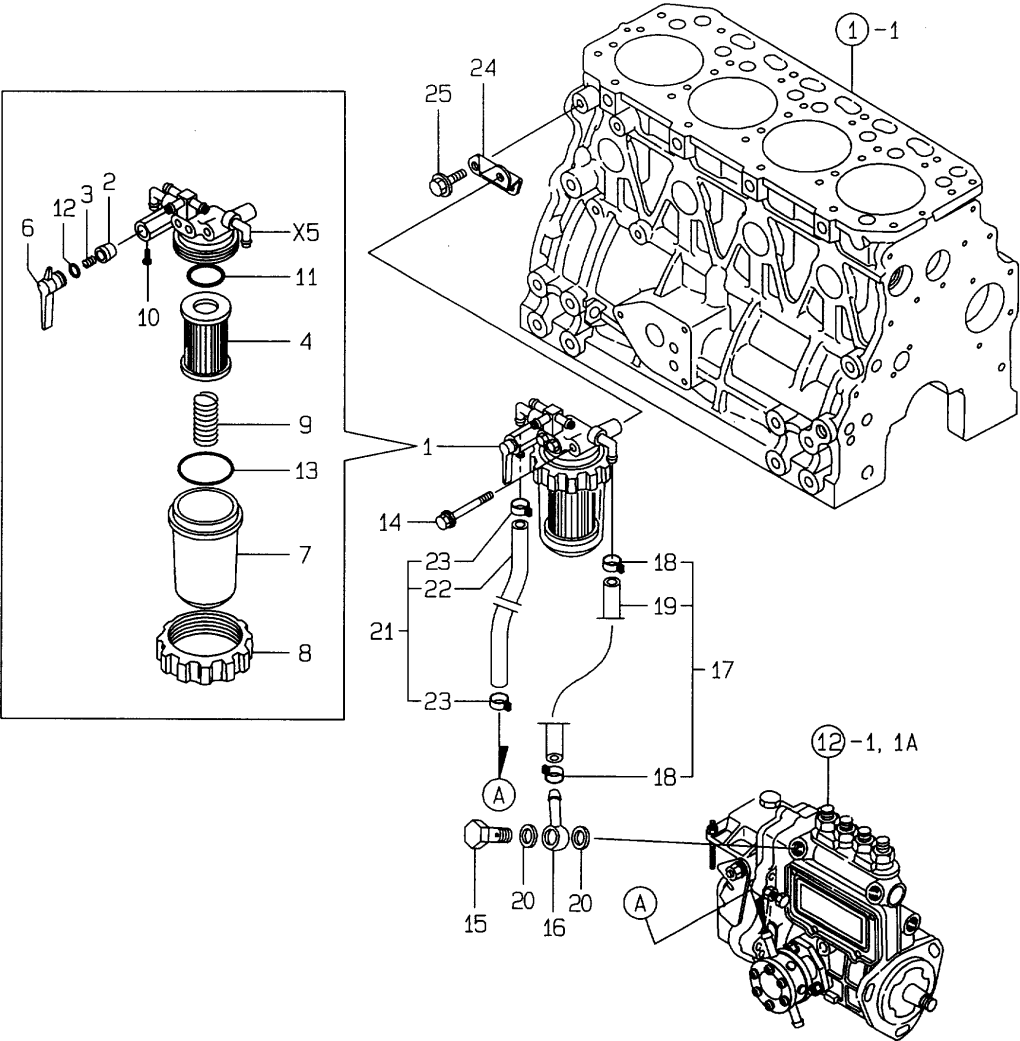
				(A)=4TNE84-LAN (B)=4TNE84-ELAN (C)=	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
79	2	171353-61710	SPRING, GOVERNOR	1						
79A	2	171353-61700	SPRING, GOVERNOR		1					
80	2	119653-77950	SOLENOID, STOP	1	1					
81	2	26687-120002	NUT, CAP M12	1						
81A	2	129100-61930	NUT, CAP		1					
82	2	129155-61470	BOLT, CONTROL	1						
82A	2	120323-61470	BOLT, CONTROL		1					
83	2	171353-61550	ANGLEICH ASSY	1						W
(A=E13305)										
84	2	119600-66720	ANGLEICH ASSY		1					

No.	Lev.	Parts No.	Description	(A)=4TNE84-LAN (B)=4TNE84-ELAN (C)=		(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	729503-53100	VALVE ASSY,INJECTION	4	4					
2	2	129503-53000	VALVE ASSY,INJECTION	4	4					
5	2	114250-53080	NUT, NOZZLE D16.95	4	4					
9	2	114250-53120	SPRING, NOZZLE	4	4					
10	2	114250-53130	SEAT, SPRING	4	4					
11	2	114250-53140	PLATE	4	4					
12	2	114250-53210	PIN	8	8					
13	2	114250-53400	SHIM SET	4	4					
20	1	129150-59120	RETAINER, PIPE	2	2					
23	2	129150-59131	BOLT, M4X14	4	4					
25	2	129420-59710	PIPE ASSY, INJECTION	1						
26	2	129420-59720	PIPE ASSY, INJECTION	1						
26A	2	129400-59920	PIPE ASSY, INJECTION		1					
27	2	129420-59730	PIPE ASSY, INJECTION	1						
27A	2	129400-59930	PIPE ASSY, INJECTION		1					
28	2	129420-59740	PIPE ASSY, INJECTION	1						
28A	2	129400-59940	PIPE ASSY, INJECTION		1					
29	1	124066-59100	CLIP, HOSE 8	9	9					
30	1	121250-59550	PIPE, FUEL D8X120	3	3					
30A	1	119840-59500	PIPE ASSY, RETURN	1	1					W
		(A=E17730)								
31	2	119840-59560	PIPE, FUEL RETURN	1	1					
31A	2	124066-59100	CLIP, HOSE 8	2	2					W
		(A=E17730)								
32	1	119840-59570	JOINT	1	1					
33	1	129150-59580	CAP	1	1					
34	1	129100-59951	VALVE ASSY, CHECK	1	1					
42	1	23414-120000	GASKET, 12X1.0	2						
42-1	1	22190-120002	WASHER, SEAL 12	2	2					N
		(A=E16189)								
43	1	129457-59510	PIPE ASSY, RETURN	1	1					
44	2	124766-59050	CLIP, HOSE 12	2	2					
46	2	119005-59100	TUBE, CORRUGATED	1						
46-1	2	129950-59221	TUBE, CORRUGATED	1	1					R
		(A=E19262)								

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.15. FUEL LINE

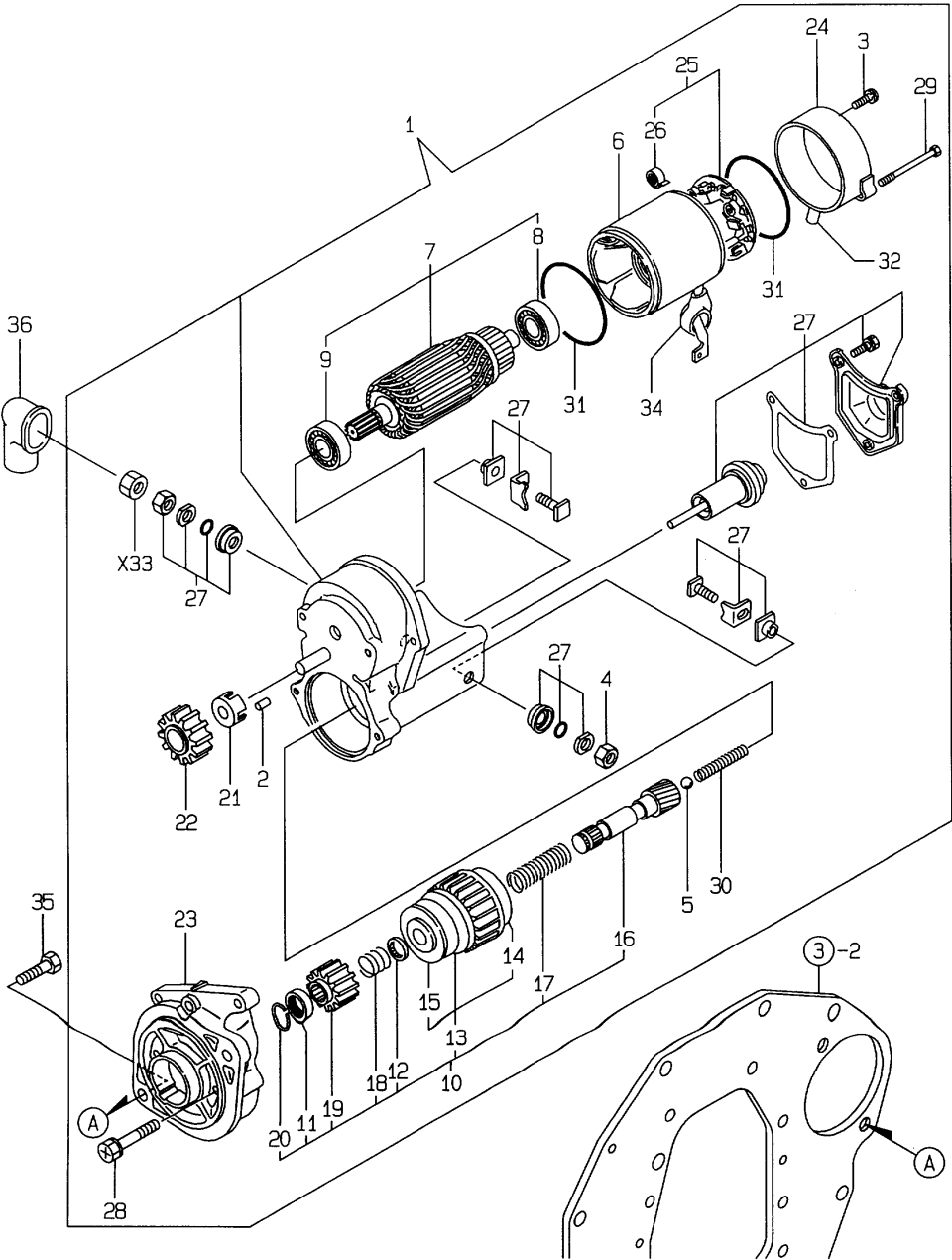
15.FUEL LINE



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129052-55620	FILTER ASSY, FUEL	1	1						
2	2	104200-55321	VALVE, TAPER	1	1						
3	2	104200-55330	SPRING, VALVE	1	1						
4	2	129100-55650	ELEMENT	1	1						
6	2	129100-55670	LEVER	1	1						
7	2	129100-55680	CUP, STRAINER	1	1						
8	2	129100-55690	RING, RETAINING	1	1						
9	2	129100-55700	SPRING	1	1						
10	2	104200-55750	SCREW, M4	1	1						
11	2	24311-000160	O-RING, 1AP16.0	1	1						
12	2	24311-240100	O-RING, 1AP10A	1	1						
13	2	24321-000650	O-RING, 1AG65.0	1	1						
14	1	26014-080702	BOLT, M8X 70	1	1						
15	1	103854-39140	BOLT, PIPE JOINT	1	1						
16	1	101304-59020	JOINT, PIPE 12	1	1						
17	1	129210-59050	PIPE ASSY, FUEL	1	1						
18	2	124766-59050	CLIP, HOSE 12	2	2						
19	2	105312-59510	PIPE, FUEL	1	1						
20	1	22190-120002	WASHER, SEAL 12	2	2						
21	1	129210-59150	PIPE ASSY, FUEL	1	1						
22	2	105025-59530	PIPE, FUEL D13X400	1	1						
23	2	124766-59050	CLIP, HOSE 12	2	2						
24	1	129457-55630	BRACKET, FILTER	1	1						
25	1	26106-080122	BOLT, M8X 12 PLATED	2	2						

Fig.16. STARTING MOTOR

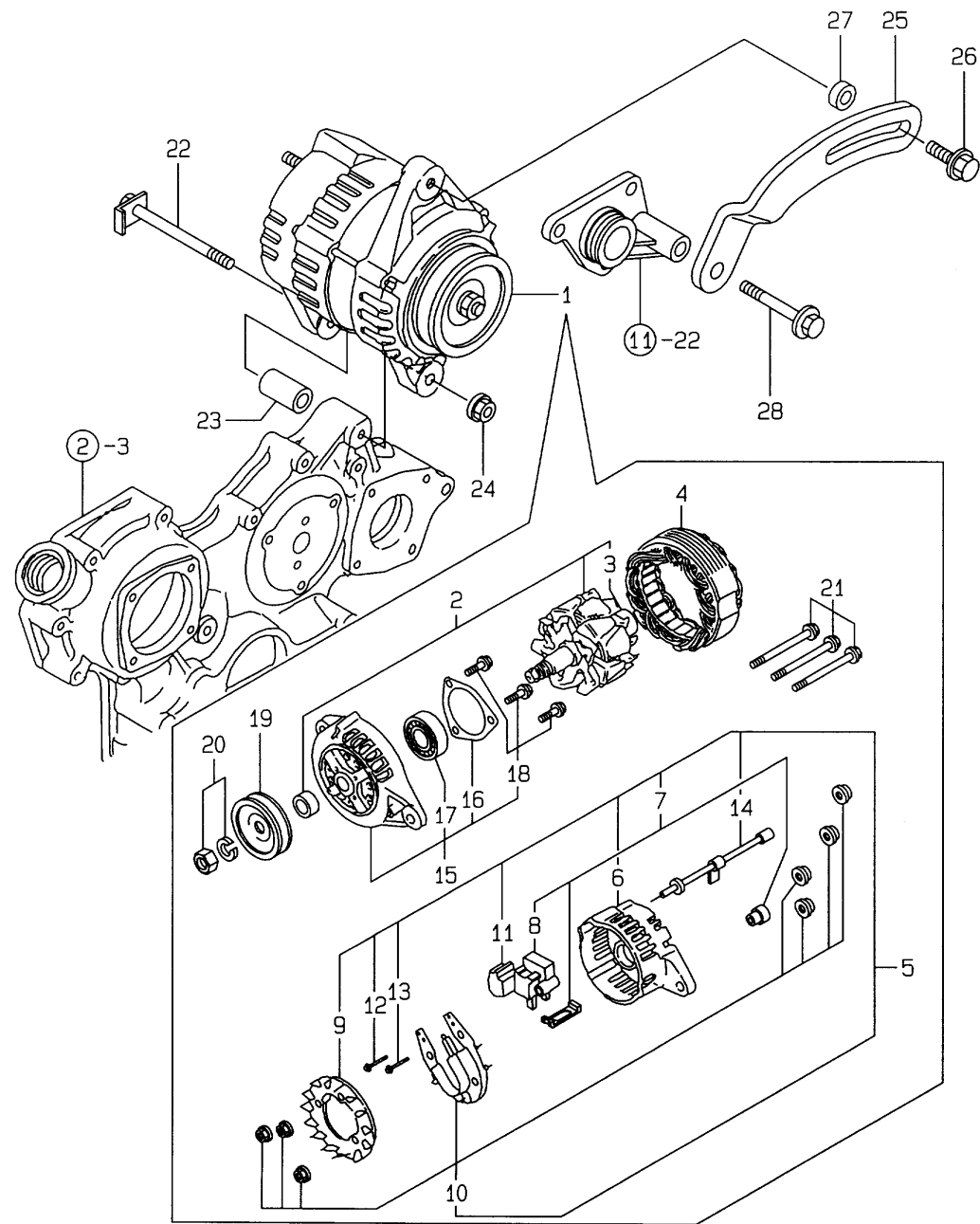
16.STARTING MOTOR



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	26116-120202	BOLT, M12X 20 PLATED	1	1						
36	1	124550-77030	COVER, TERMINAL	1	1						

Fig.17. GENERATOR

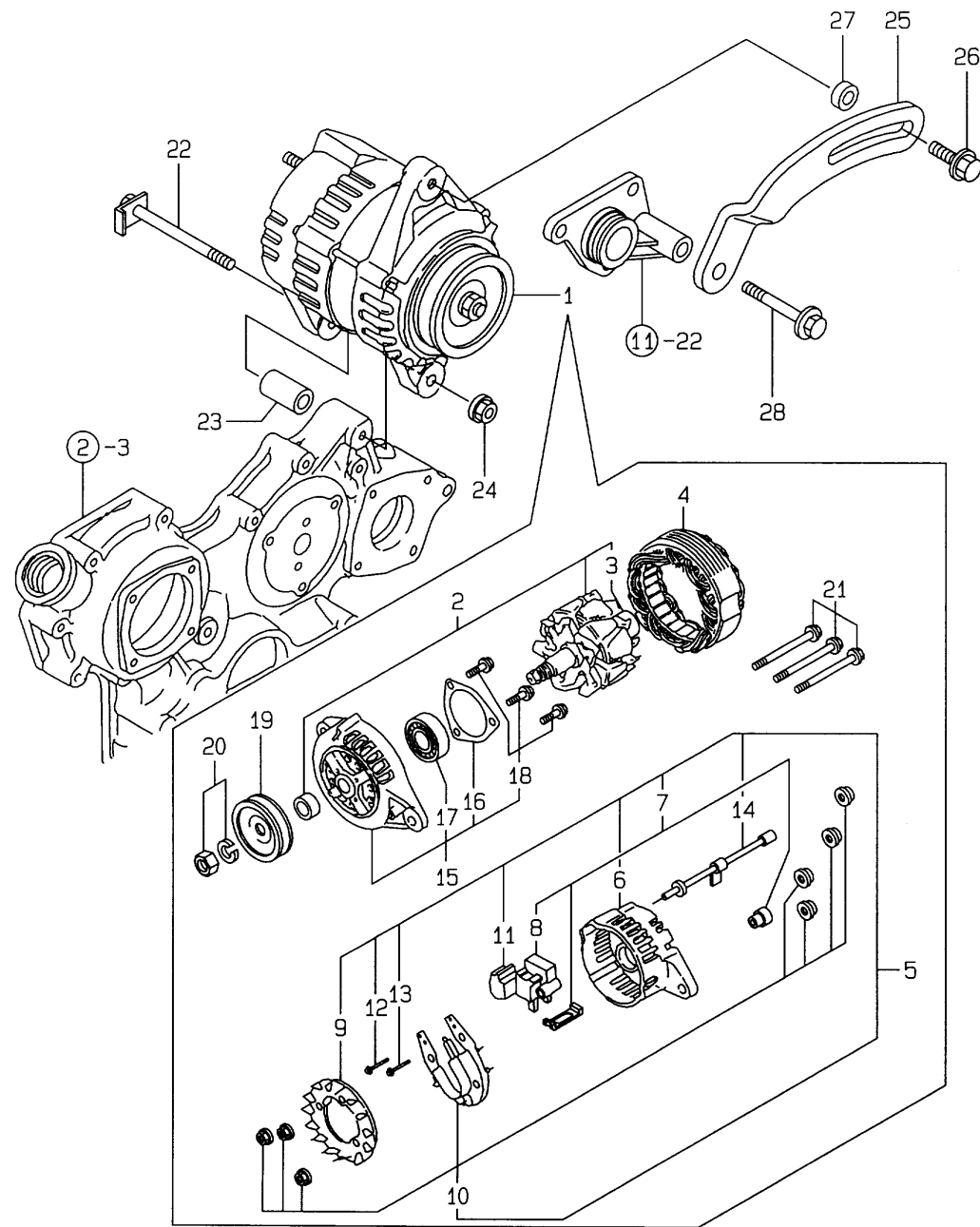
17. GENERATOR



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	119626-77210	ALTERNATOR, 12V-55A (B=E46031)		1						N
2	2	119836-77700	ROTOR ASSY (B=E46031)	1	1						Z
3	3	119836-77850	BALL BEARING (B=E46031)	1	1						Z
4	2	119836-77710	STATOR ASSY (B=E46031)	1	1						Z
5	2	119836-77721	COVER ASSY, REAR (B=E46031)	1	1						Z
6	3	119836-77730	COVER, REAR (B=E46031)	1	1						Z
7	3	119836-77741	BRUSH ASSY,REGULATOR (B=E46031)	1	1						Z
8	4	119836-77750	BRUSH ASSY (B=E46031)	1	1						Z
9	3	119836-77760	GUIDE, FAN SIDE (B=E46031)	1	1						Z
10	3	119836-77770	DIODE ASSY (B=E46031)	1	1						Z
11	3	119836-77780	CONDENSER (B=E46031)	1	1						Z
12	3	119836-77871	BOLT (1) (B=E46031)	1	1						Z
13	3	119836-77880	BOLT (2) (B=E46031)	1	1						Z
14	3	119836-77890	WIRE ASSY, LEAD (B=E46031)	1	1						Z
15	2	119836-77790	COVER ASSY, FRONT (B=E46031)	1	1						Z
16	3	119836-77800	RETAINER, BEARING (B=E46031)	1	1						Z
17	3	119836-77840	BALL BEARING (B=E46031)	1	1						Z
18	3	119836-77860	SCREW KID (B=E46031)	1	1						Z
19	2	119836-77810	PULLEY (B=E46031)	1	1						Z
20	2	119836-77820	NUT ASSY, PULLEY (B=E46031)	1	1						Z
21	2	119836-77830	BOLT, THROUGH (B=E46031)	1	1						Z
21A	2	X9490561001	NUT (B=E46031)		1						W
21B	2	129052-77380	ROTOR ASSY (B=E46031)		1						W
21C	3	125301-79240	BEARING, BALL (B=E46031)		1						W
21D	3	119620-79250	COVER (B=E46031)		1						W

Fig.17. GENERATOR

17. GENERATOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
21E	2	129052-79422	FRAME ASSY (B=E46031)		1						W
21F	3	119620-79200	BEARING, BALL (B=E46031)		1						W
21G	3	119620-79210	PLATE, RETAINER (B=E46031)		1						W
21H	3	119620-79220	SCREW (B=E46031)		4						W
21J	3	119620-79230	STUD (B=E46031)		2						W
21K	2	128401-77440	FRAME (B=E46031)		1						W
21L	2	119620-77461	PULLEY (B=E46031)		1						W
21M	2	119620-77471	NUT (B=E46031)		1						W
21N	2	129052-79260	HOLDER (B=E46031)		1						W
21P	2	129052-79270	HOLDER, BRUSH (B=E46031)		1						W
21Q	2	119620-79290	SCREW (B=E46031)		6						W
21R	2	119620-79300	SCREW (B=E46031)		1						W
21S	2	119620-79310	BOLT (B=E46031)		3						W
21T	2	119620-79320	SCREW (B=E46031)		2						W
21U	2	119620-79330	BOLT (B=E46031)		2						W
21V	2	119620-79340	BUSH, INSULATION (B=E46031)		1						W
21W	2	119620-79350	NUT (B=E46031)		2						W
21X	2	119626-77710	REGULATOR ASSY (B=E46031)		1						W
21Y	2	119626-77450	COVER (B=E46031)		1						W
21Z	2	119620-77490	COLLAR (B=E46031)		1						W
22	1	129136-77251	BOLT, M8X110		1	1					
22-1	1	129795-01900	STUD (B=E46031)			1					N
23	1	119820-77340	PIECE, DISTANCE		1	1					
24	1	26366-080002	NUT, M8		1	1					
24-1	1	26306-080002	NUT, M8 (A=E46031) (B=E46031)		1	1					N
24-2	1	26306-100002	NUT, M10 (B=E46031)			1					N
25	1	129051-77330	ADJUSTER		1	1					
26	1	119810-77340	BOLT, ADJUSTER		1	1					

17. GENERATOR

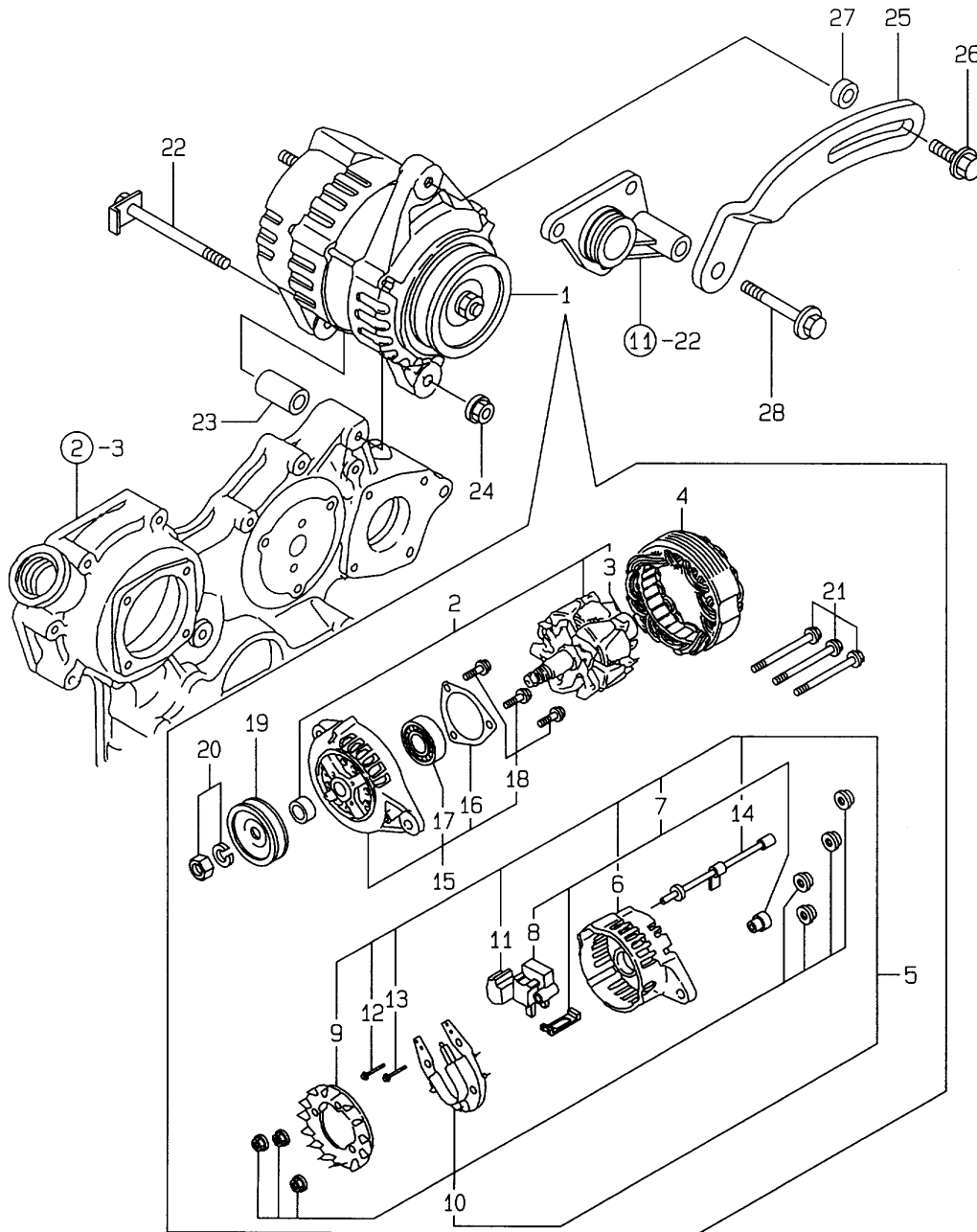
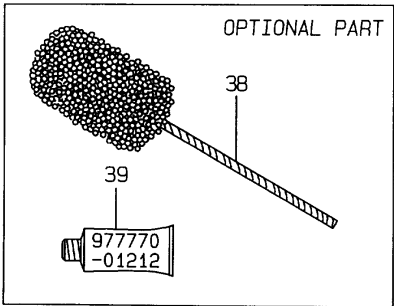
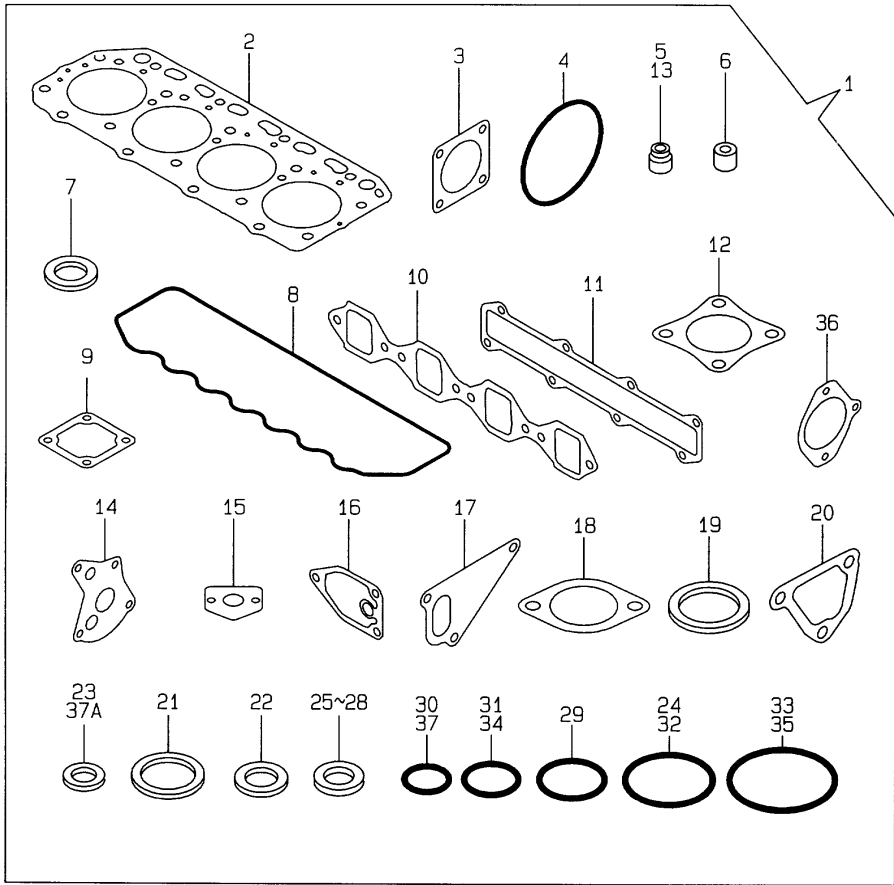
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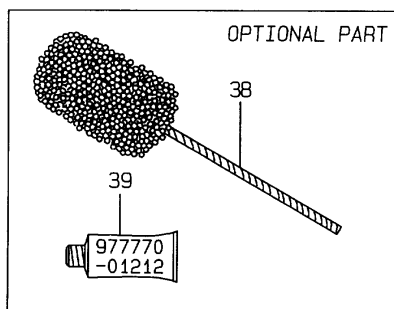
Fig.18. GASKET SET

18.GASKET SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-92680	GASKET SET	1							1
1-1	1	729408-92681	GASKET SET	1	1					N	1
(A=E1111)											
2	2	129408-01330	GASKET, HEAD	1	1						
3	2	124240-01883	GASKET	2							
3-1	2	124240-01883	GASKET	1	1						K
(A=E1111)											
4	2	121850-51960	O-RING	1	1						
5	2	124460-11340	SEAL, VALVE STEM	4	4						
6	2	119625-11870	PROTECTOR, NOZZLE	4	4						
7	2	119625-11880	SEAT, NOZZLE	4	4						
8	2	129550-11310	GASKET, BONNET	1	1						
9	2	129150-77511	GASKET	1	1						
10	2	129550-12111	GASKET, MANIFOLD	1	1						
11	2	129407-13110	GASKET	1	1						
12	2	129400-13201	GASKET, SILENCER	1	1						
13	2	121400-11340	SEAL, VALVE STEM	4	4						
14	2	129150-32020	GASKET, PUMP	1	1						
15	2	129150-35041	GASKET	1	1						
16	2	129150-35111	GASKET	1	1						
17	2	129100-42020	GASKET, WATER PUMP	1							
17-1	2	129486-42021	GASKET, WATER PUMP	1	1						N
(A=E16189)											
18	2	129795-49551	GASKET	1	1						
19	2	129150-49811	GASKET, THERMOSTAT	1	1						
20	2	129100-49840	GASKET	1							
20-1	2	124395-49840	GASKET	1	1						N
(A=E19262)											
21	2	22190-160002	WASHER, SEAL 16	2	2						
22	2	22190-120002	WASHER, SEAL 12	2	2						
23	2	22190-080002	WASHER, SEAL 6	7							
23-1	2	22190-080002	WASHER, SEAL 6	2	2						K
(A=E13305)											
24	2	24321-000300	O-RING, 1AG30.0	1							
24-1	2	129486-42140	O-RING, G30	1	1						N
(A=E16189)											
25	2	23414-120000	GASKET, 12X1.0	2							
25-1	2	22190-120002	WASHER, SEAL 12	2	2						N
(A=E16189)											
26	2	23414-100000	GASKET, 10X1.0	2							
26-1	2	22190-100002	WASHER, SEAL 10	2	2						N
(A=E17061)											
27	2	129150-49360	GASKET	1	1						
28	2	124465-44950	GASKET, 16	1	1						
29	2	24311-000240	O-RING, 1AP24.0	1	1						
30	2	24311-000120	O-RING, 1AP12.0	3	3						
31	2	24311-000160	O-RING, 1AP16.0	3	3						
32	2	24311-000320	O-RING, 1AP32.0	2	2						
33	2	24341-000500	O-RING, 1AS50.0	1	1						
34	2	24311-000180	O-RING, 1AP18.0	2	2						
35	2	24321-000850	O-RING, 1AG85.0	1	1						

18. GASKET SET



Remarks
(1) OPTIONAL PART.

No.	Lev.	Parts No.	Description	(A)=4TNE84-LAN (B)=4TNE84-ELAN (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
36	2	171353-26081	GASKET	1	1					
37	2	24311-000140	O-RING, 1AP14.0	1	1					
37A	2	22190-080003	WASHER, SEAL 8	5	5					W
(A=E17061)										
38	1	129400-92420	HONE	1	1					1
39	1	977770-01212	GASKET, LIQUID	1	1					1

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Parts No.	Fig. No.	Ref. No.
101304-59020	15	16
103854-39140	15	15
104200-55321	15	2
104200-55330	15	3
104200-55750	15	10
105025-59530	15	22
105312-59510	15	19
105425-01690	3	7
106500-44810	17	27
114250-39450	10	28 -1
114250-53080	14	5
114250-53120	14	9
114250-53130	14	10
114250-53140	14	11
114250-53210	14	12
114250-53400	14	13
119005-59100	14	46
119131-18320	6	5
119600-66720	13	84
119620-77461	17	21 L
119620-77471	17	21 M
119620-77490	17	21 Z
119620-79200	17	21 F
119620-79210	17	21 G
119620-79220	17	21 H
119620-79230	17	21 J
119620-79250	17	21 D
119620-79290	17	21 Q
119620-79300	17	21 R
119620-79310	17	21 S
119620-79320	17	21 T
119620-79330	17	21 U
119620-79340	17	21 V
119620-79350	17	21 W
119625-11870	4	23
	18	6
119625-11880	4	24
	18	7
119625-11900	4	25
119626-77210	17	1 -1
119626-77450	17	21 Y
119626-77710	17	21 X
119653-77950	13	80
119660-61901	13	57
119810-77340	17	26
119820-77340	17	23
119836-77200	17	1
119836-77700	17	2
119836-77710	17	4
119836-77721	17	5

Parts No.	Fig. No.	Ref. No.
119836-77730	17	6
119836-77741	17	7
119836-77750	17	8
119836-77760	17	9
119836-77770	17	10
119836-77780	17	11
119836-77790	17	15
119836-77800	17	16
119836-77810	17	19
119836-77820	17	20
119836-77830	17	21
119836-77840	17	17
119836-77850	17	3
119836-77860	17	18
119836-77871	17	12
119836-77880	17	13
119836-77890	17	14
119840-59500	14	30 A
119840-59560	14	31
119840-59570	14	32
119865-21600	8	16
119908-61501	13	32 -1
120130-11860	4	7
120323-61470	13	82 A
121023-01550	2	23
121023-26070	7	18
121111-21501	8	13
121250-44901	11	1
121250-59550	14	30
121400-11340	4	18
	18	13
121450-01560	2	2
121520-34810	10	14
121550-23200	8	29
121850-21290	8	5
	9	16
121850-21680	8	12
121850-51960	2	11
	18	4
122117-51560	12	48
122710-51090	12	8
124066-59100	14	29
		31 A
124101-49530	11	16
124160-01751	2	6
	4	42
124160-01910	1	4
124160-11360	4	51
124160-39140	10	29
124160-39450	10	28

Parts No.	Fig. No.	Ref. No.
124240-01871	2	15
	7	31
124240-01883	2	8
	7	32
	18	3
		3 -1
124250-49351	11	33
124395-49840	11	20 -1
	18	20 -1
124460-11340	4	19
	18	5
124465-44950	11	30
	18	28
124550-01590	2	15 A
		16 B
124550-51350	12	30
124550-51370	12	31
124550-59820	10	34
124550-59830	10	33 A
124550-66370	13	59
124550-77030	16	36
124736-07900	4	2
124766-59050	14	44
	15	18
		23
124950-51190	12	15
125301-79240	17	21 C
128170-14150	9	17
128401-77440	17	21 K
129001-01250	1	10 -1
129001-02930	1	17
129001-35300	10	24
129001-42002	11	2
129001-42003	11	2 -1
129001-42040	11	22
129001-91840	2	21
129001-91841	2	21 -1
129001-91870	3	10
129001-91910	3	11
129002-22070	8	17 A
129002-22081	8	17
129002-22500	8	19
129002-22910	8	32
129002-22930	8	32 A
129002-22960	8	34
129051-01600	3	2
129051-01721	3	5
129051-26200	7	21
129051-26210	7	23
129051-77330	17	25

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129052-55620	15	1
129052-61050	13	4
129052-61060	13	5
129052-61070	13	6
129052-61390	13	31
129052-61500	13	32
129052-61540	13	47
129052-77380	17	21 B
129052-79260	17	21 N
129052-79270	17	21 P
129052-79422	17	21 E
129100-01580	3	1
		16
	8	2
129100-01640	3	17
129100-11100	4	13
129100-11110	4	14
129100-23910	8	28
129100-25061	7	8
129100-42020	11	14
	18	17
129100-49840	11	20
	18	20
129100-51300	12	25
129100-52100	12	93
129100-55650	15	4
129100-55670	15	6
129100-55680	15	7
129100-55690	15	8
129100-55700	15	9
129100-59951	14	34
129100-61400	13	17
129100-61440	13	77
129100-61650	13	78
129100-61930	13	81 A
129120-77501	5	5
129129-77230	16	8
129129-77240	16	9
129129-77260	16	21
129129-77270	16	22
129129-77290	16	24
129129-77320	16	28
129129-77340	16	30
129129-77350	16	31
129129-77362	16	32
129129-77380	16	34
129129-77400	16	16
129129-77410	16	17
129129-77420	16	19
129129-77430	16	20

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Parts No.	Fig. No.	Ref. No.
129129-77440	16	14
129129-77450	16	15
129129-77460	16	3
129136-77251	17	22
129150-01200	1	24
129150-02020	1	6
129150-02450	7	5
129150-02870	1	26
129150-02930	1	20
129150-02940	1	29
129150-03020	4	48
129150-03070	4	44
129150-03080	4	45
129150-03090	4	1
129150-03100	2	10
129150-11230	4	34
129150-11280	4	29
129150-11370	4	20
129150-11750	4	36
129150-11810	4	9
129150-14101	7	3
129150-14200	7	6
129150-14400	7	7
129150-23600	8	30
129150-23610	8	38
129150-25101	7	9
129150-25301	7	33
129150-25900	7	14
129150-25920	7	12
129150-25931	7	34
129150-32020	10	37
	18	14
129150-35041	10	15
	18	15
129150-35101	10	21
129150-35111	10	22
	18	16
129150-35151	10	23
129150-35350	10	25
129150-49360	11	34
	18	27
129150-49811	11	19
	18	19
129150-59120	14	20
129150-59131	14	23
129150-59580	14	33
129150-77511	5	6
	18	9
129155-11260	4	27
129155-11270	4	28

Parts No.	Fig. No.	Ref. No.
129155-51020	12	4
129155-51050	12	6
129155-51060	12	7
129155-51140	12	12
129155-51180	12	14
129155-51200	12	16
129155-51270	12	23
129155-51280	12	24
	13	2
129155-51320	12	28
129155-51340	12	29
129155-51370	12	32
129155-51380	12	33
129155-51390	12	34
129155-51410	12	36
129155-51420	12	37
129155-51450	12	38
129155-51521	12	44
129155-51530	12	45
129155-51540	12	46
129155-51550	12	47
129155-51570	12	50
129155-51580	12	51
129155-51591	12	52
129155-51600	12	53
129155-51790	12	76
129155-51930	12	78
129155-51940	12	79
129155-52050	12	92
129155-61120	13	7
129155-61130	13	8
129155-61140	13	9
129155-61201	13	10
129155-61202	13	10 -1
129155-61341	13	14
129155-61350	13	15
129155-61360	13	16
129155-61430	13	20
129155-61450	13	24
129155-61460	13	25
129155-61470	13	82
129155-61480	13	26
129155-61830	13	75
129155-61950	13	58
129156-51910	12	77
129202-22300	8	23
129208-51060	12	7 A
129208-51300	12	25 A
129208-54500	12	89 A
129210-59050	15	17

Parts No.	Fig. No.	Ref. No.
129210-59150	15	21
129354-44740	11	27
129400-11350	4	41
129400-12100	5	1
129400-13201	6	7
	18	12
129400-28120	8	6
129400-28121	8	6 -1
129400-28150	9	15
129400-59920	14	26 A
129400-59930	14	27 A
129400-59940	14	28 A
129400-92420	18	38
129407-13100	6	1
129407-13110	6	2
	18	11
129407-28240	9	4
129407-32000	10	1
129407-77010	16	1
129407-77210	16	6
129407-77220	16	7
129407-77250	16	10
129407-77280	16	23
129407-77300	16	25
129407-77310	16	27
129407-77330	16	29
129407-77390	16	13
129407-77410	16	18
129408-01330	1	25
	18	2
129420-59710	14	25
129420-59720	14	26
129420-59730	14	27
129420-59740	14	28
129457-01700	3	4
129457-01780	3	6
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