YANMAR

PARTS CATALOG

0CB10-M60200EN

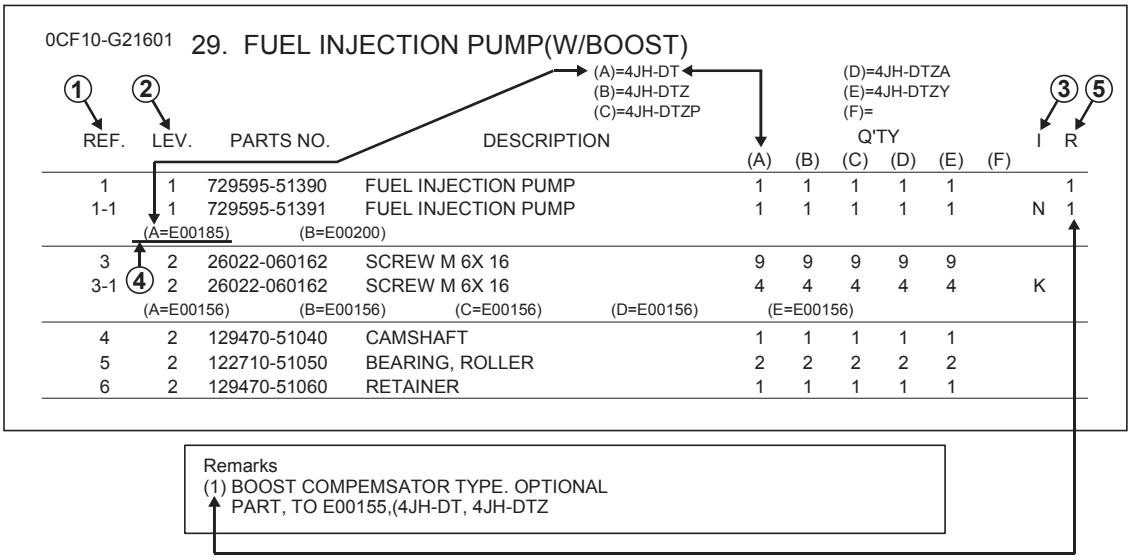
Last update May., 2013

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.



0CF10-G21601 29. FUEL INJECTION PUMP(W/BOOST)

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP
(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

① REF.	② LEV.	PARTS NO.	DESCRIPTION	Q'TY (A)	(B)	(C)	(D)	(E)	(F)	③ I	⑤ R
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 ④	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 COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

①Ref. No.

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

(Ex.) Illustration No. 1 — List Ref No. 1 (Before change) → 1- 1 (After change)

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

②Lev. (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.

③Interchangeability Symbol

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

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

④Effective 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.

⑤Remarks

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

0CB10-M60200

Fig. No. Fig. Name

3TNE68-GB2, 3TNE68-GB2S

1. CYLINDER BLOCK
2. GEAR HOUSING
3. FLYWHEEL HOUSING & OIL SUMP
4. CYLINDER HEAD & BONNET
5. SUCTION MANIFOLD & AIR CLEANER
6. EXHAUST MANIFOLD & SILENCER
7. CAMSHAFT & DRIVING GEAR
8. CRANKSHAFT & PISTON
9. LUB. OIL SYSTEM
10. COOLING WATER SYSTEM
11. FUEL INJECTION PUMP
12. GOVERNOR
13. FUEL INJECTION VALVE
14. FUEL LINE
15. STARTING MOTOR
16. GENERATOR
17. ELECTRICAL PARTS
18. GASKET SET & TOOLS

3TNE74-GB2, 3TNE74-GB2S

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20. GEAR HOUSING
21. FLYWHEEL HOUSING & OIL SUMP
22. CYLINDER HEAD & BONNET
23. SUCTION MANIFOLD & AIR CLEANER
24. EXHAUST MANIFOLD & SILENCER
25. CAMSHAFT & DRIVING GEAR
26. CRANKSHAFT & PISTON
27. LUB. OIL SYSTEM
28. COOLING WATER SYSTEM
29. FUEL INJECTION PUMP
30. GOVERNOR
31. FUEL INJECTION VALVE
32. FUEL LINE
33. STARTING MOTOR
34. GENERATOR
35. ELECTRICAL PARTS
36. GASKET SET & TOOLS

3TNE84-GB2, 3TNE84-GB2S

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38. GEAR HOUSING
39. FLYWHEEL HOUSING & OIL SUMP
40. CYLINDER HEAD & BONNET
41. SUCTION MANIFOLD & AIR CLEANER
42. EXHAUST MANIFOLD & SILENCER
43. CAMSHAFT & DRIVING GEAR
44. CRANKSHAFT & PISTON
45. LUB. OIL SYSTEM

Contents

Fig. No. Fig. Name

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47. FUEL INJECTION PUMP
48. GOVERNOR
49. FUEL INJECTION VALVE
50. FUEL LINE
51. STARTING MOTOR
52. GENERATOR
53. ELECTRICAL PARTS
54. GASKET SET & TOOLS

4TNE84-GB2, 4TNE84-GB2S

55. CYLINDER BLOCK
56. GEAR HOUSING
57. FLYWHEEL HOUSING & OIL SUMP
58. CYLINDER HEAD & BONNET
59. SUCTION MANIFOLD & AIR CLEANER
60. EXHAUST MANIFOLD & SILENCER
61. CAMSHAFT & DRIVING GEAR
62. CRANKSHAFT & PISTON
63. LUB. OIL SYSTEM
64. COOLING WATER SYSTEM
65. FUEL INJECTION PUMP
66. GOVERNOR
67. FUEL INJECTION VALVE
68. FUEL LINE

Fig. No. Fig. Name

69. STARTING MOTOR
70. GENERATOR
71. ELECTRICAL PARTS
72. GASKET SET & TOOLS

4TNE84T-GB2S

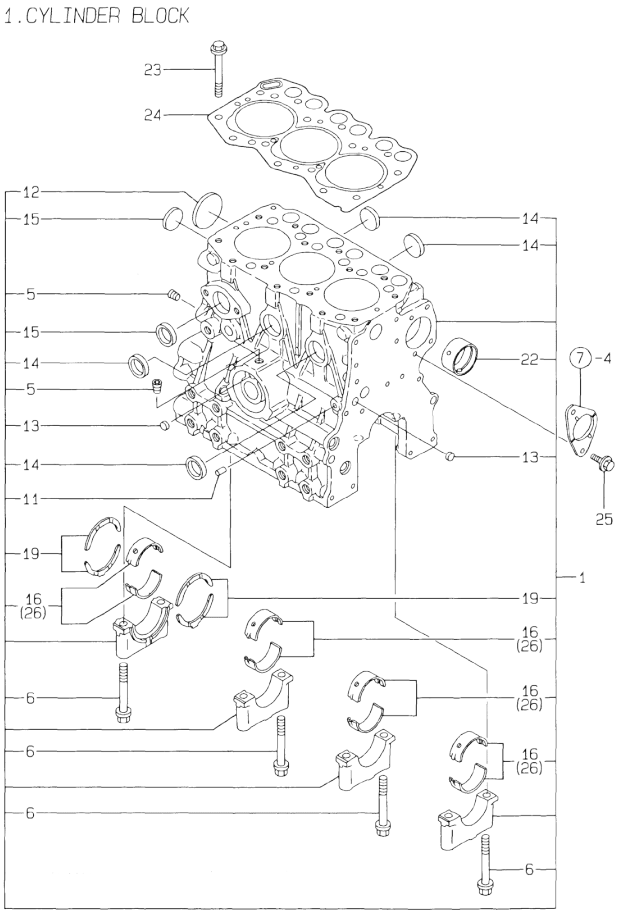
73. CYLINDER BLOCK
74. GEAR HOUSING
75. FLYWHEEL HOUSING & OIL SUMP
76. CYLINDER HEAD & BONNET
77. SUCTION MANIFOLD & AIR CLEANER
78. EXHAUST MANIFOLD
79. CAMSHAFT & DRIVING GEAR
80. TURBO CHARGER
81. CRANKSHAFT & PISTON
82. LUB. OIL SYSTEM
83. LUB. OIL LINE
84. COOLING WATER SYSTEM
85. FUEL INJECTION PUMP
86. GOVERNOR
87. FUEL INJECTION VALVE
88. FUEL LINE
89. STARTING MOTOR
90. GENERATOR
91. ELECTRICAL PARTS

Contents

Fig. No. Fig. Name

92. GASKET SET & TOOLS

Fig.1. CYLINDER BLOCK



Remarks
(1) UNDER-SIZE(U.S=0.25)PART.

(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719265-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	124060-01050	PLUG, PT1/8	2	2						
6	2	119260-02020	BOLT, METAL CAP	8	8						
11	2	27221-060100	PLUG, 6X10	1	1						
12	2	27231-400000	PLUG 40	1	1						
13	2	27241-100000	PLUG, 10	2	2						
14	2	27241-250000	PLUG, 25	4	4						
15	2	27241-300000	PLUG 30	2	2						
16	2	719260-02800	BEARING, MAIN	4	4						
19	2	719260-02930	BEARING, THRUST	2	2						
22	2	119266-02410	BUSH	1	1						
23	1	119266-01200	BOLT, HEAD	14	14						
24	1	119265-01341	GASKET, HEAD	1	1						
25	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
26	1	719260-02870	BEARING, 0.25 US	4	4						1

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

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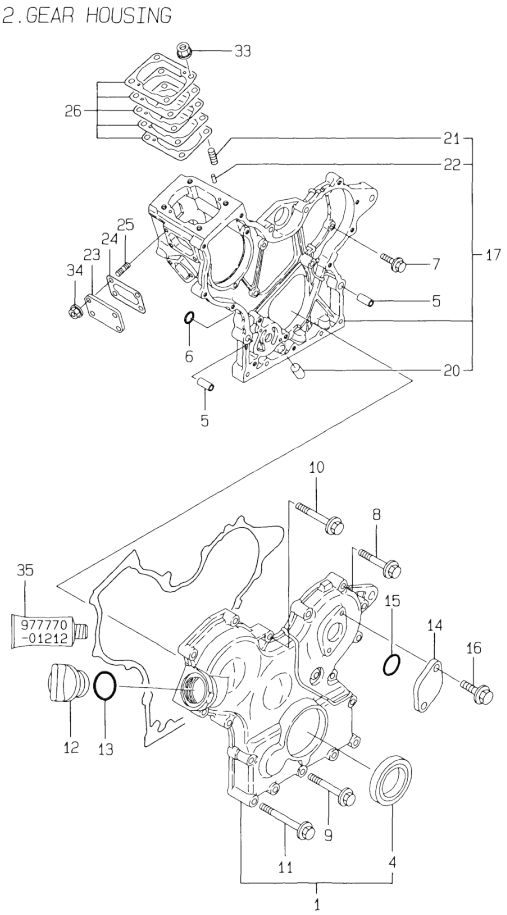
Fig.2. GEAR HOUSING

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-01590	COVER ASSY,GEAR CASE	1	1						
4	2	119620-01800	SEAL, OIL	1	1						
5	1	119660-01911	PIPE, KNOCK	4	4						
6	1	24311-000120	O-RING, 1AP12.0	2	2						
7	1	26106-060162	BOLT, M6X 16 PLATED	5	5						
8	1	26106-060302	BOLT, M6X 30 PLATED	5	5						
9	1	26106-060402	BOLT, M6X 40 PLATED	3	3						
10	1	26106-060502	BOLT, M6X 50 PLATED	4	4						
11	1	26106-060652	BOLT, M6X 65 PLATED	6	6						
12	1	124160-01751	COVER, FILLER	1	1						
13	1	24311-000320	O-RING, 1AP32.0	1	1						
14	1	121023-01550	COVER	1	1						
15	1	24341-000240	O-RING, 1AS24.0	1	1						
16	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
17	1	119260-01490	CASE ASSY, GEAR	1	1						
20	2	119260-01510	PLUG	1	1						
21	2	121450-01560	STUD, M8X22	4	4						
22	2	22351-040010	PIN, SPRING 4.0X10	2	2						
23	1	119660-01551	COVER	1	1						
24	1	119660-01562	GASKET	1	1						
25	1	119660-01570	STUD, M6X12	4	4						
26	1	119623-01950	SHIM SET, ADJUSTING	1	1						
33	1	194990-22050	NUT, M8	4	4						
34	1	26366-060002	NUT, M6	4	4						
35	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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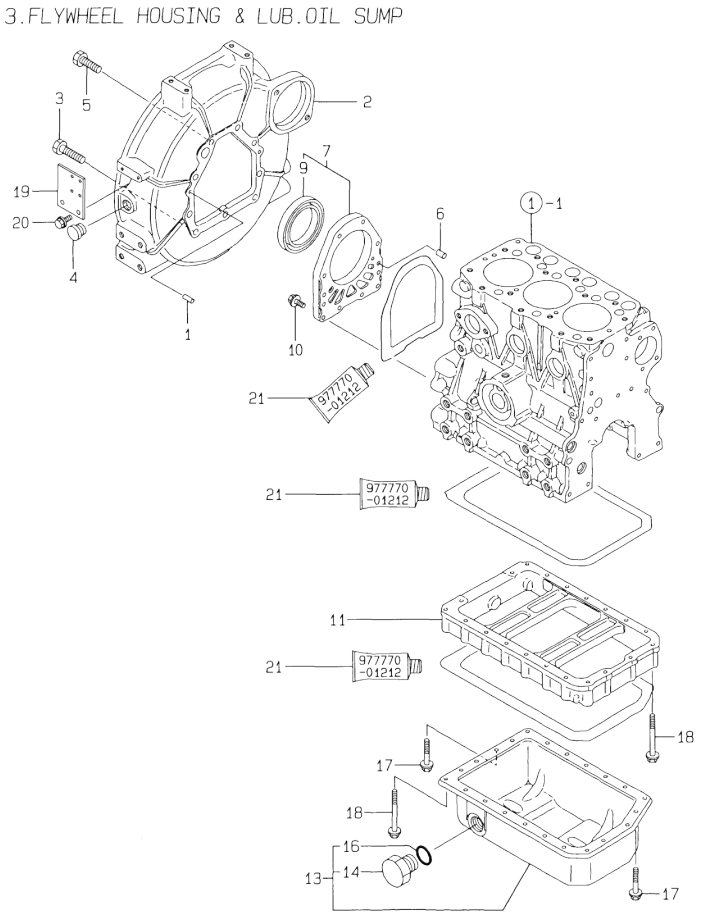
Fig.3. FLYWHEEL HOUSING & OIL SUMP



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2	2						
2	1	119600-01600	HOUSING, FLYWHEEL	1	1						
3	1	121120-01620	BOLT, M10X28	3	3						
4	1	119620-01750	CAP	1	1						
5	1	26206-100252	BOLT, M10X 25 PLATED	6	6						
6	1	119620-01620	PIN, M6X10	2	2						
7	1	119660-01640	CASE ASSY, OIL SEAL	1	1						
9	2	124085-02220	SEAL, OIL	1	1						
10	1	26106-060222	BOLT, M6X 22 PLATED	10	10						
11	1	119454-01721	SPACER, OIL SUMP	1	1						
13	1	119260-01770	SUMP ASSY, OIL	1	1						
14	2	121400-01640	PLUG, 16	1	1						
16	2	24311-000180	O-RING, 1AP18.0	1	1						
17	1	26106-060102	BOLT, M6X 10 PLATED	3	3						
18	1	26106-060452	BOLT, M6X 45 PLATED	20	20						
19	1	129111-67010	SUPPORT, WIRE	1	1						
20	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
21	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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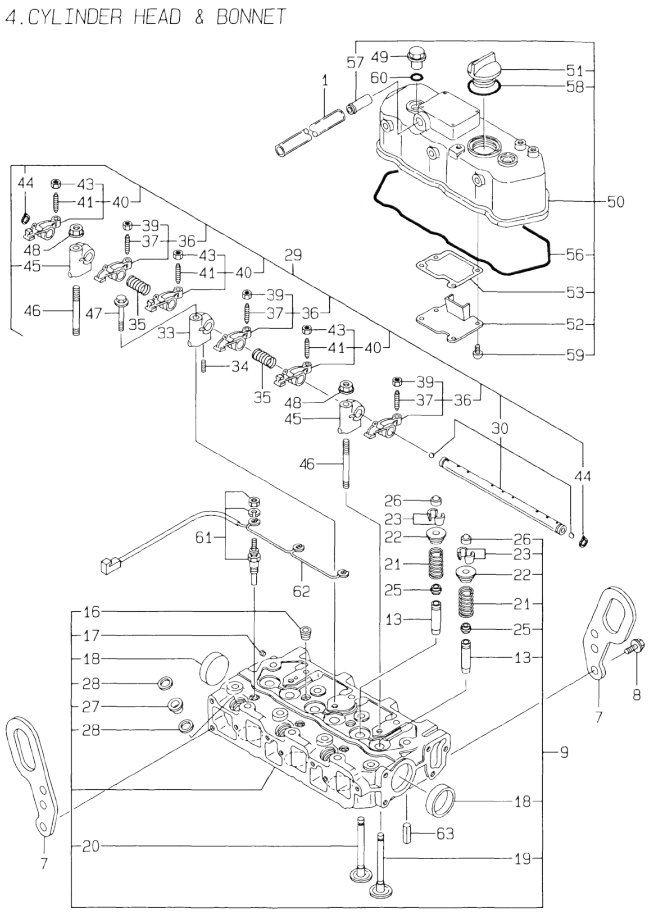
Fig.4. CYLINDER HEAD & BONNET

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	23065-120500	PIPE, 12X 500	1	1						
7	1	119260-07900	LIFTER	2	2						
8	1	26106-080142	BOLT, M8X 14 PLATED	1	1						
9	1	119265-11700	HEAD ASSY, CYLINDER	1	1						
13	2	119260-11800	GUIDE, VALVE	6	6						1
16	2	23871-030000	PLUG, R03	2	2						
17	2	27221-050080	PLUG, 5X 8	1	1						
18	2	27241-350000	PLUG, 35	2	2						
19	2	119260-11100	VALVE, INTAKE	3	3						
20	2	119260-11110	VALVE, EXHAUST	3	3						
21	2	114250-11120	SPRING, VALVE	6	6						
22	2	114250-11180	RETAINER, SPRING	6	6						
23	2	714250-11570	COTTER ASSY	6	6						
25	2	119260-11340	SEAL, VALVE STEM	6	6						
26	2	119260-11370	CAP, VALVE	6	6						
27	2	119600-11450	PROTECTOR, NOZZLE	3	3						
28	2	119600-11460	GASKET, NOZZLE	6	6						
29	1	119260-11200	SUPPORT ASSY, ARM	1	1						
30	2	119260-11240	SHAFT ASSY, ROCKER	1	1						
33	2	119260-11260	SUPPORT, ROCKER ARM	1	1						
34	2	119260-11270	SCREW	1	1						
35	2	119260-11280	SPRING	2	2						
36	2	719260-11650	ARM ASSY, ROCKER	3	3						
37	3	105010-11230	SCREW, VALVE ADJUST	3	3						
39	3	26756-060002	NUT, LOCK M6	3	3						
40	2	719260-11660	ARM ASSY, ROCKER	3	3						
41	3	105010-11230	SCREW, VALVE ADJUST	3	3						
43	3	26756-060002	NUT, LOCK M6	3	3						
44	2	22242-000100	RING, 10	2	2						
45	2	119265-11260	SUPPORT, ROCKER ARM	2	2						
46	1	119620-11350	STUD	2	2						
47	1	26106-080452	BOLT, M8X 45 PLATED	1	1						
48	1	26366-080002	NUT, M8	2	2						
49	1	124160-11360	KNOB	2	2						
50	1	119260-11330	BONNET ASSY, HEAD	1	1						
51	2	124160-01751	COVER, FILLER	1	1						
52	2	119260-03020	PLATE, SHELTER	1	1						
53	2	119260-03031	GASKET	1	1						
56	2	119260-11310	GASKET, BONNET	1	1						
57	2	118400-03060	JOINT, BREATHER	1	1						
58	2	24311-000320	O-RING, 1AP32.0	1	1						
59	2	22857-500100	SCREW, 5X10	4	4						
60	1	24311-000120	O-RING, 1AP12.0	2	2						
61	1	129795-77800	PLUG, GLOW	3	3						
62	1	119620-77820	CONNECTOR, GLOW PLUG	1	1						
63	1	22351-060012	PIN, SPRING 6.0X12	2	2						

Remarks
(1) REPAIR PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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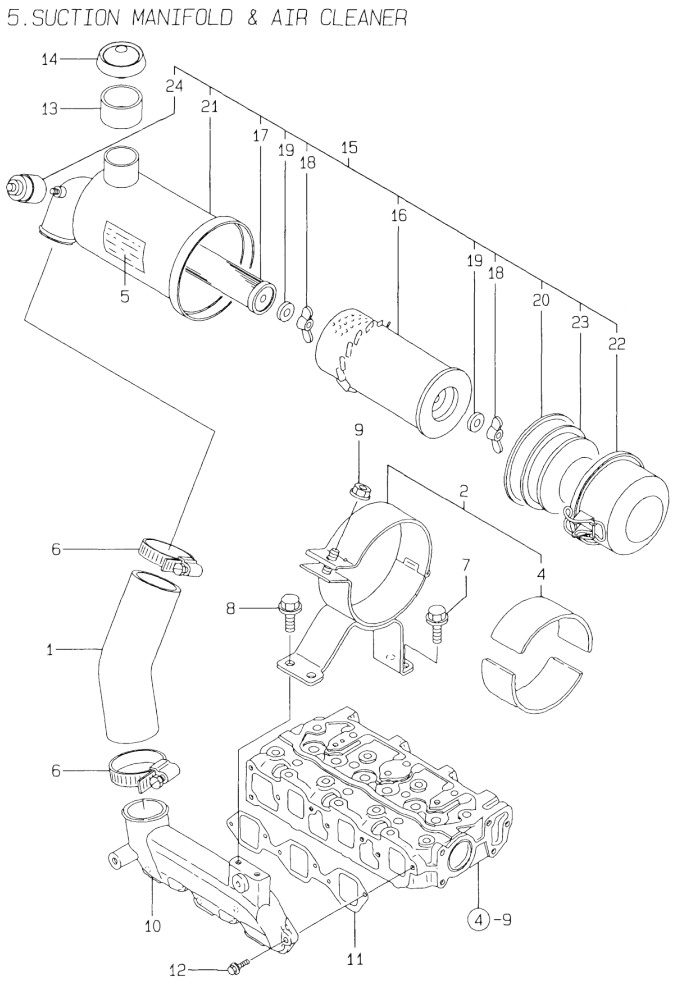
Fig.5. SUCTION MANIFOLD & AIR CLEANER



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119462-12550	PIPE, AIR INTAKE	1	1						
2	1	119288-12590	SUPPORT ASSY,CLEANER	1	1						
4	2	119640-12580	SEAT, RUBBER	2	2						
5	1	129136-12600	LABEL, AIR CLEANER	1	1						
6	1	23000-060000	CLAMP, 60	2	1						
7	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
8	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
9	1	26366-060002	NUT, M6	1	1						
10	1	119288-12100	MANIFOLD, AIR INTAKE	1	1						
11	1	119260-12111	GASKET, MANIFOLD	1	1						
12	1	26106-060202	BOLT, M6X 20 PLATED	4	4						
13	1	119288-12050	JOINT, PIPE	1							
14	1	121521-12400	CAP, RAIN	1							
15	1	119249-12500	CLEANER ASSY, AIR	1	1						
16	2	119631-12520	ELEMENT	1	1						
17	2	119631-12530	ELEMENT	1	1						
18	2	119631-12540	NUT	2	2						
19	2	119631-12550	WASHER	2	2						
20	2	119631-12570	GASKET	1	1						
21	2	119249-12610	BODY	1	1						
22	2	121472-12660	CAP	1	1						
23	2	121465-12700	RETAINER, ELEMENT	1	1						
24	2	121492-12950	INDICATOR	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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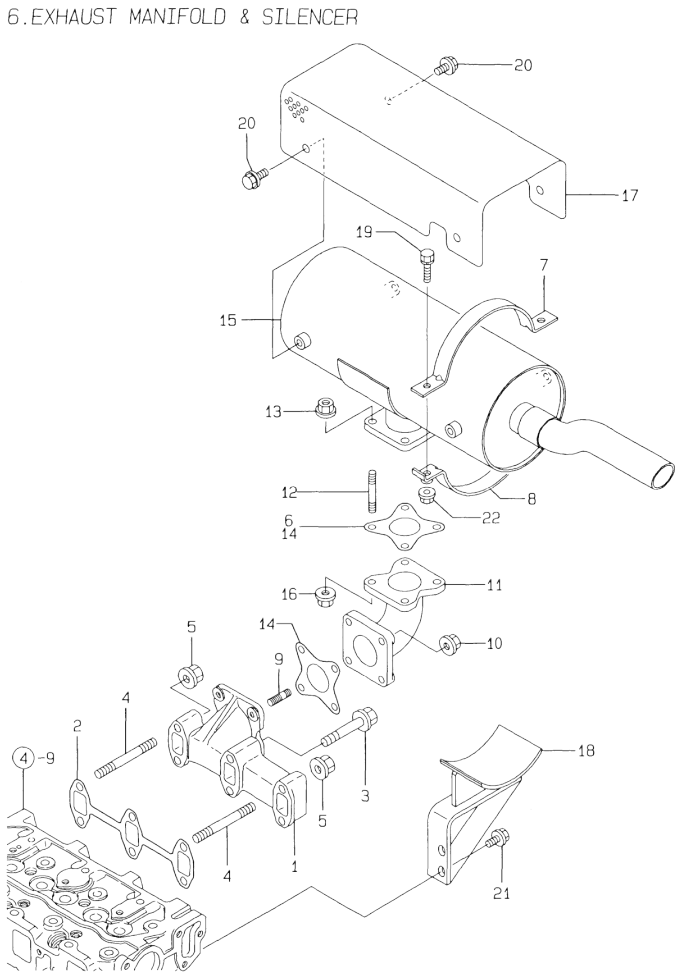
Fig.6. EXHAUST MANIFOLD & SILENCER



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-13100	MANIFOLD, EXHAUST	1	1						
2	1	119260-13110	GASKET	1	1						
3	1	26106-060352	BOLT, M6X 35 PLATED	4	4						
4	1	26216-080502	STUD, M8X 50	2	2						
5	1	26366-060002	NUT, M6	2	4						
6	1	121000-13201	GASKET, SILENCER		1						
7	1	119888-13670	BAND, SILENCER	1							
8	1	119888-13680	BAND, SILENCER	1							
9	1	119131-18320	STUD, M8X22	4	4						
10	1	26366-060002	NUT, M6		2						
11	1	119620-13550	BEND	1	1						
12	1	119131-18320	STUD, M8X22	4	4						
13	1	26366-080002	NUT, M8	4							
14	1	121000-13201	GASKET, SILENCER	2	1						
15	1	119288-13501	SILENCER	1							
16	1	26366-080002	NUT, M8	4							
17	1	119888-13600	COVER, SILENCER	1							
18	1	119288-13650	STAY, SILENCER	1							
19	1	26014-080302	BOLT, M8X 30	2							
20	1	26106-080122	BOLT, M8X 12 PLATED	4							
21	1	26106-080162	BOLT, M8X 16 PLATED	2							
22	1	26366-080002	NUT, M8	4							

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

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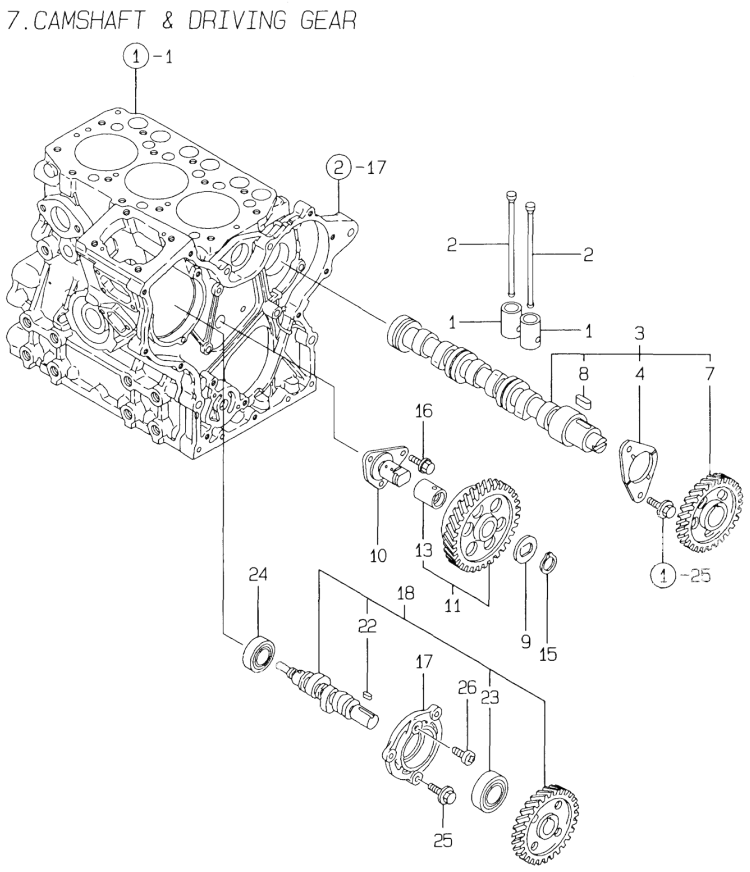
Fig.7. CAMSHAFT & DRIVING GEAR

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-14200	TAPPET	6	6						
2	1	119260-14400	ROD, PUSH	6	6						
3	1	119260-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	BEARING, THRUST	1	1						
7	2	119260-14100	GEAR, CAMSHAFT	1	1						
8	2	22512-040120	KEY, 4X 12	1	1						
9	1	119660-25022	RETAINER	1	1						
10	1	119660-25052	SHAFT, IDLE	1	1						
11	1	119260-25100	GEAR ASSY, IDLE	1	1						
13	2	119620-25912	BUSH	1	1						1
15	1	22242-000200	RING, 20	1	1						
16	1	26106-060122	BOLT, M6X 12 PLATED	3	3						
17	1	119660-01821	BEARING, FUEL CAM	1	1						
18	1	119225-14200	CAM ASSY	1	1						
22	2	22512-040120	KEY, 4X 12	1	1						
23	2	24102-063034	BEARING, BALL 6303U	1	1						
24	1	24101-062034	BEARING, BALL 6203	1	1						
25	1	26106-060162	BOLT, M6X 16 PLATED	3	3						
26	1	26587-080102	SCREW, M8X10	1	1						

Remarks
(1) REPAIR PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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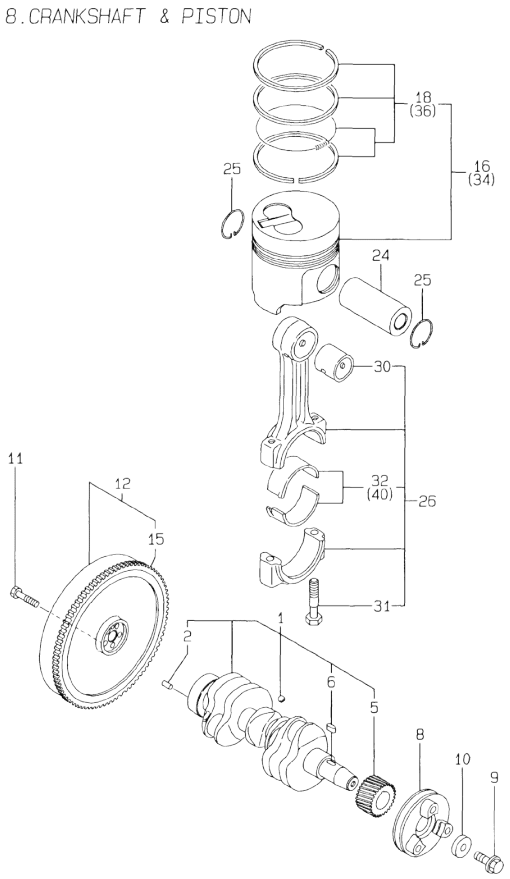
Fig.8. CRANKSHAFT & PISTON



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

(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119265-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
5	2	119260-21200	GEAR, CRANKSHAFT	1	1						
6	2	22512-040120	KEY, 4X 12	1	1						
8	1	119260-21650	V-PULLEY	1	1						
9	1	119621-21680	BOLT, FLANGE 12X1.25	1	1						
10	1	119620-21941	WASHER	1	1						
11	1	121111-21501	BOLT, FLYWHEEL	5	5						
12	1	119600-21580	FLYWHEEL ASSY	1	1						
15	2	119865-21600	GEAR, RING	1	1						
16	1	119265-22090	PISTON ASSY	3	3						
18	2	119265-22500	RING SET, PISTON	3	3						
24	1	119265-22300	PIN, PISTON	3	3						
25	1	22252-000200	RING, 20	6	6						
26	1	119265-23100	ROD ASSY, CONNECTING	3	3						
30	2	119260-23910	BEARING, PISTON PIN	3	3						1
31	2	119265-23200	BOLT, CONNECTING ROD	6	6						
32	2	719260-23600	BEARING, CRANK PIN	3	3						
34	1	719265-22900	PISTON ASSY, 0.25 OS	3	3						2
36	2	719265-22950	RING SET, 0.25 OS	3	3						2
40	1	719260-23610	BEARING ASSY, 0.25	3	3						3

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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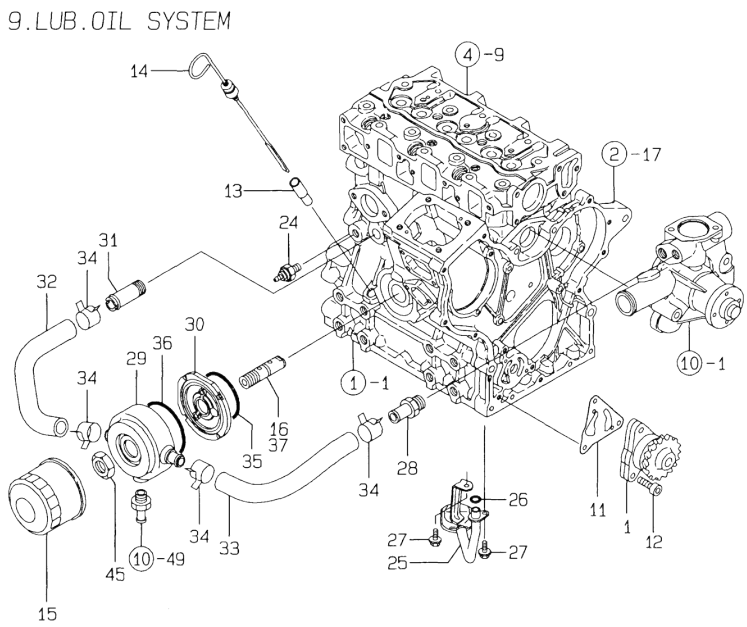
Fig.9. LUB. OIL SYSTEM



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119260-32000	PUMP ASSY, OIL	1	1						
11	1	119660-32020	GASKET, PUMP	1	1						
12	1	26450-060202	BOLT, M6X 20	3	3						
13	1	121520-34810	GUIDE, DIPSTICK	1	1						
14	1	119265-34820	DIPSTICK, OIL	1	1						
15	1	119305-35150	FILTER, OIL	1	1						
16	1	119225-35300	VALVE ASSY	1							
24	1	124160-39450	SWITCH, 0.5KG	1	1						
25	1	119260-35081	PIPE, OIL INLET	1	1						
26	1	119209-35030	O-RING, P11	1	1						
27	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
28	1	121851-11970	JOINT, PIPE		1						
29	1	119642-33030	COOLER, OIL		1						
30	1	119642-33100	BRACKET, COOLER		1						
31	1	129122-44480	JOINT		1						
32	1	119642-49030	PIPE, WATER		1						
33	1	129403-49050	PIPE, WATER		1						
34	1	171008-03990	CLIP, HOSE 18.5		4						
35	1	24321-000600	O-RING, 1AG60.0		1						
36	1	24321-000700	O-RING, 1AG70.0		1						
37	1	119265-35300	VALVE ASSY, CONTROL		1						
45	1	129150-35350	NUT	1	2						

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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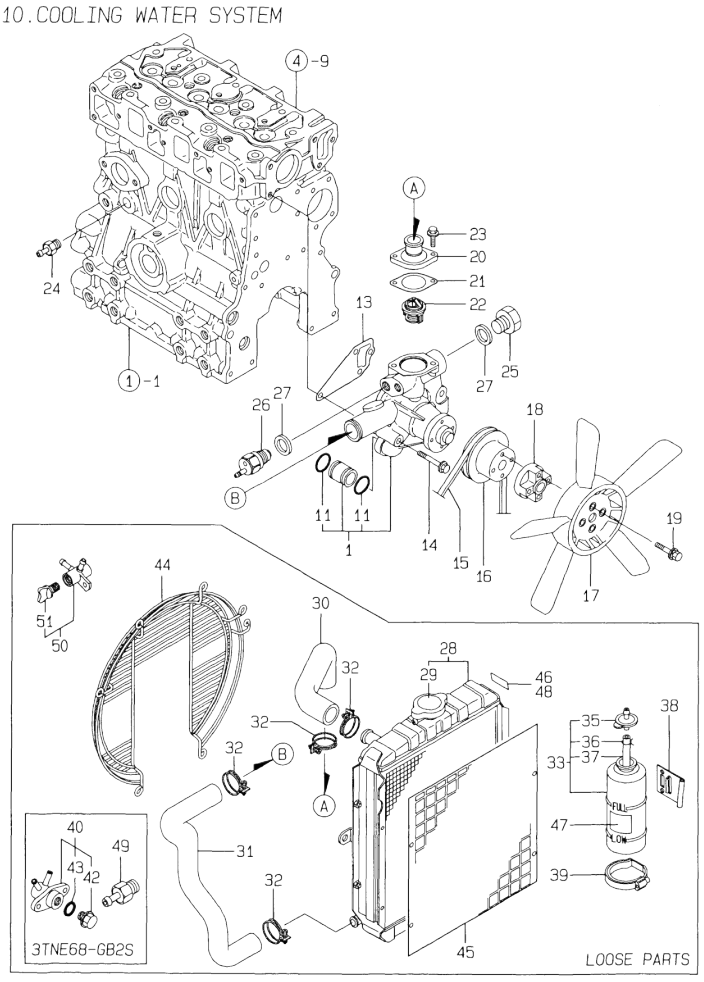
Fig.10. COOLING WATER SYSTEM



(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119265-42002	PUMP ASSY, WATER	1	1						
11	2	24311-000210	O-RING, 1AP21.0	2	2						
13	1	119260-42020	GASKET, WATER PUMP	1	1						
14	1	26106-080452	BOLT, M8X 45 PLATED	3	3						
15	1	104514-42780	V-BELT, HM33	1	1						
16	1	119620-42350	V-PULLEY	1	1						
17	1	124700-44740	FAN, COOLING 5X310	1	1						
18	1	121267-44760	SPACER	1	1						
19	1	26014-060352	BOLT, M6X 35	4	4						
20	1	129350-49530	COVER, THERMOSTAT	1	1						
21	1	129350-49541	GASKET	1	1						
22	1	129350-49800	THERMOSTAT, 71	1	1						
23	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
24	1	121550-49111	JOINT, PT1/4	1	1						
25	1	121450-42450	PLUG, M16	1	1						
26	1	121250-44901	SWITCH, 110	1	1						
27	1	124465-44950	GASKET, 16	2	2						
28	1	119621-44500	RADIATOR	1	1						
29	2	119259-44570	CAP, RADIATOR	1	1						
30	1	119688-49010	PIPE, WATER	1	1						
31	1	119645-49020	PIPE, WATER	1	1						
32	1	23010-038000	CLAMP, 38	4	4						
33	1	124450-44510	TANK ASSY, SUB	1	1						
35	2	124450-44530	CAP	1	1						
36	2	124450-44560	RETAINER	1	1						
37	2	23061-070230	PIPE, 7X 230	1	1						
38	1	121256-44600	BRACKET, SUB TANK	1	1						
39	1	124450-44550	BAND	1	1						
40	1	121450-49110	COCK ASSY, 3-WAY		1						
42	2	121250-49121	PLUG, DRAIN		1						
43	2	24311-000160	O-RING, 1AP16.0		1						
44	1	119621-44560	GUARD	1	1						
45	1	119265-44590	PROTECTOR	1							
46	1	124764-44800	LABEL, RADIATOR	1	1						
47	1	124764-44810	LABEL, SUB TANK	1	1						
48	1	121400-44910	LABEL, RADIATOR	1	1						
49	1	129137-49100	JOINT		1						
50	1	129150-49100	COCK ASSY, 3-WAY	1							
51	2	129150-49080	COCK, DRAIN	1							

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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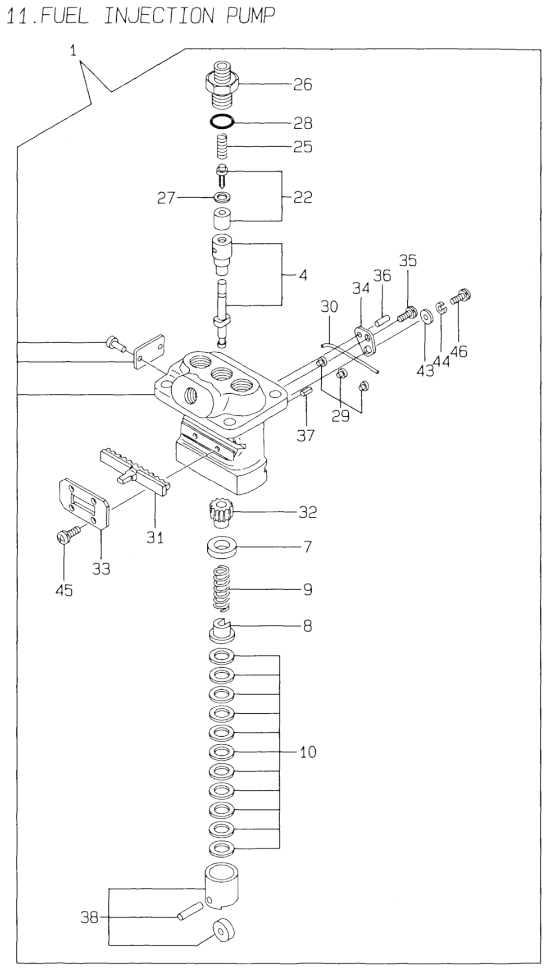
Fig.11. FUEL INJECTION PUMP



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719225-51100	PUMP ASSY, INJECTION	1	1						
4	2	119225-51100	PLUNGER ASSY	3	3						
7	2	119620-51170	RETAINER, SPRING A	3	3						
8	2	119620-51180	RETAINER, SPRING B	3	3						
9	2	119620-51190	SPRING, PLUNGER	3	3						
10	2	119620-51250	SHIM SET	3	3						
22	2	119225-51300	VALVE ASSY, DELIVERY	3	3						
25	2	105546-51330	SPRING, DELIVERY	3	3						
26	2	119620-51340	HOLDER, DELIVERY	3	3						
27	2	119620-51350	GASKET	3	3						
28	2	119620-51370	O-RING	3	3						
29	2	119620-51450	PIECE	3	3						
30	2	119620-51461	PIN	1	1						
31	2	119660-51500	RACK, CONTROL	1	1						
32	2	119620-51510	PINION	3	3						
33	2	119660-51530	RETAINER, RACK	1	1						
34	2	119620-51650	PLATE	2	2						
35	2	119620-51660	SCREW	2	2						
36	2	119620-51670	PIN	2	2						
37	2	119620-51680	PIN	1	1						
38	2	119620-51700	TAPPET ASSY	3	3						
43	2	22137-040000	WASHER, 4	2	2						
44	2	22217-040000	WASHER, SPRING 4	2	2						
45	2	26022-040082	SCREW, M4X 8	4	4						
46	2	26587-040102	SCREW, M4X10	2	2						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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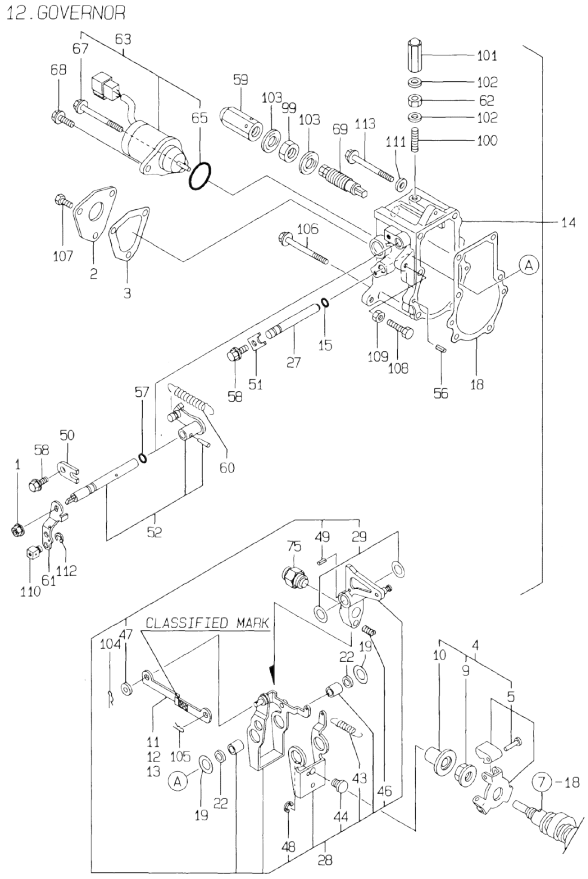
Fig.12. GOVERNOR

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	194990-22050	NUT, M8	1	1						
2	1	119660-61060	COVER, GOVERNOR CASE	1	1						
3	1	119660-61071	GASKET	1	1						
4	1	119600-61100	DRIVE ASSY	1	1						
5	2	119600-61200	WEIGHT ASSY,GOVERNOR	1	1						
9	2	119660-61300	NUT	1	1						
10	2	119660-61341	SLEEVE	1	1						
11	1	119660-61121	LINK, NO MARK	1	1						1
12	1	119660-61140	LINK, MARK :2	1	1						1
13	1	119660-61150	LINK, MARK :3	1	1						1
14	1	119288-61200	CASE ASSY, GOVERNOR	1	1						
15	2	129155-51280	O-RING, S6	1	1						
18	2	119660-61052	GASKET	1	1						
19	2	119660-61460	SHIM SET	1	1						
22	2	129155-61480	SPACER ASSY	2	2						
27	2	119660-61491	SHAFT	1	1						
28	2	119288-61510	LEVER ASSY, GOVERNOR	1	1						
29	3	174307-51700	SHIM SET	2	2						
43	3	119232-61540	SPRING	1	1						
44	3	119600-61541	SHIFTER	1	1						
46	3	119600-61650	SPRING, STARTING	1	1						
47	3	22117-040000	WASHER, 4	1	1						
48	3	22272-000040	RING, E- 4	1	1						
49	3	22351-030014	PIN, SPRING 3.0X14	1	1						
50	2	119600-61900	RETAINER, SHAFT	1	1						
51	2	119660-61901	RETAINER, SHAFT	1	1						
52	2	119285-66080	SHAFT ASSY	1	1						
56	2	22351-040010	PIN, SPRING 4.0X10	2	2						
57	2	24341-000070	O-RING, 1AS7.0	1	1						
58	2	26106-060102	BOLT, M6X 10 PLATED	2	2						
59	1	129100-61930	NUT, CAP	1	1						
60	1	119260-66010	SPRING, REGULATOR	1	1						
61	1	119621-66051	LEVER, REGULATOR	1	1						
62	1	124550-66370	NUT, M6	1	1						
63	1	119653-66500	STOPPER ASSY	1	1						
65	2	24341-000280	O-RING, 1AS28.0	1	1						
67	2	26106-060952	BOLT, M6X 95 PLATED	1	1						
68	1	121465-59950	BOLT, M6X16	1	1						
69	1	119629-66510	LIMITER ASSY, FUEL	1	1						
75	1	119260-66720	ANGLEICH ASSY	1	1						
99	1	26776-120002	NUT, LOCK M12	1	1						
100	1	121575-66830	SCREW	1	1						
101	1	119600-66840	NUT, CAP	1	1						
102	1	22190-060003	SEAL WASER 6	2	2						
103	1	22190-120002	WASHER, SEAL 12	2	2						
104	1	22360-040000	PIN, SNAP 4	1	1						
105	1	22360-060000	PIN, SNAP 6	1	1						
106	1	26106-060702	BOLT, M6X 70 PLATED	2	2						
107	1	26116-050102	BOLT, M5X 10 PLATED	3	3						
108	1	26116-060304	BOLT, M6X 30 PLATED	1	1						
109	1	26756-060002	NUT, LOCK M6	1	1						

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

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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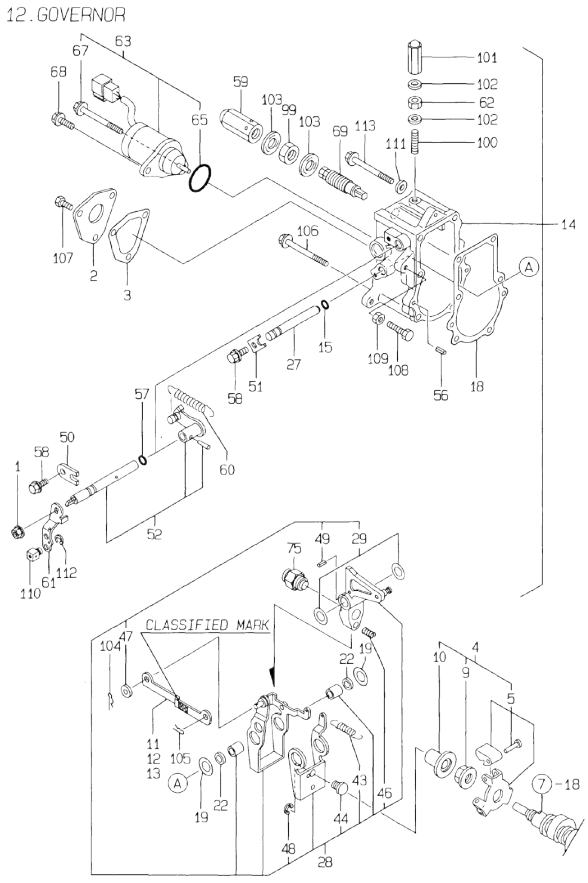
Fig.12. GOVERNOR



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

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
110	1	124756-67510	RETAINER	1	1						
111	1	22111-060000	WASHER 6	3	3						
112	1	22272-000070	RING, E- 7	1	1						
113	1	26106-060752	BOLT, M6X 75 PLATED	3	3						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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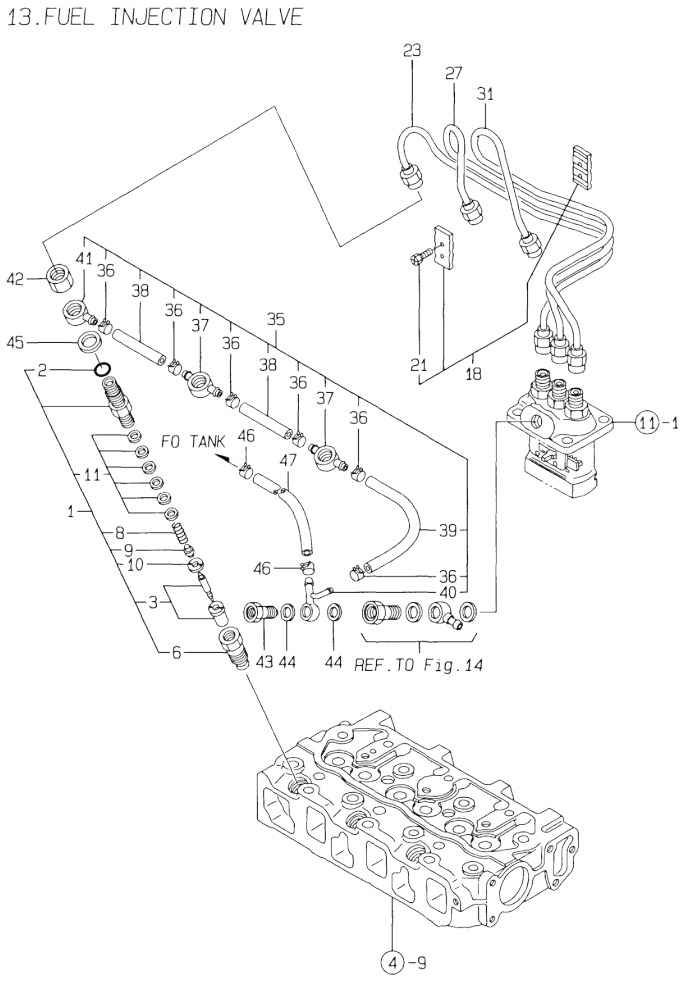
Fig.13. FUEL INJECTION VALVE



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719620-53700	VALVE ASSY,INJECTION	3	3						
2	2	129155-61830	O-RING, S10	3	3						
3	2	119620-53000	VALVE ASSY,INJECTION	3	3						
6	2	119620-53080	NUT, NOZZLE	3	3						
8	2	119620-53120	SPRING, NOZZLE	3	3						
9	2	114250-53130	SEAT, SPRING	3	3						
10	2	119620-53140	SPACER, VALVE STOP	3	3						
11	2	114250-53400	SHIM SET	3	3						
18	1	129150-59120	RETAINER, PIPE	1	1						
21	2	129150-59131	BOLT, M4X14	2	2						
23	1	119209-59810	PIPE ASSY, INJECTION	1	1						
27	1	119209-59820	PIPE ASSY, INJECTION	1	1						
31	1	119209-59830	PIPE ASSY, INJECTION	1	1						
35	1	119249-59540	PIPE ASSY, RETURN	1	1						
36	2	124066-59100	CLIP, HOSE 8	6	6						
37	2	119260-59530	JOINT	2	2						
38	2	119260-59550	PIPE, FUEL	2	2						
39	2	119642-59550	PIPE, FUEL RETURN	1	1						
40	2	119642-59570	JOINT, OVER FLOW	1	1						
41	2	119260-59520	JOINT	1	1						
42	1	119620-59700	NUT, NOZZLE	3	3						
43	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
44	1	23414-080012	GASKET, 8X1.0	2	2						
45	1	23414-140000	GASKET, 14X1.0	3	3						
46	1	124766-59050	CLIP, HOSE 12	2	2						
47	1	119225-59560	PIPE, FUEL	1	1						

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

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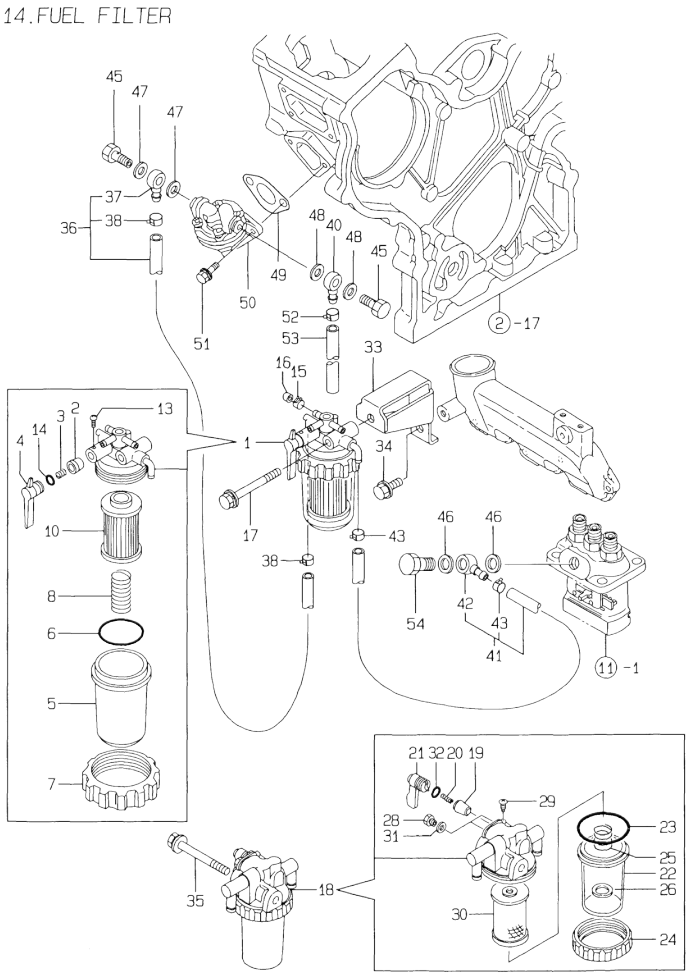
Fig.14. FUEL LINE



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119632-55620	FILTER ASSY, FUEL	1	1						
2	2	104200-55321	VALVE, TAPER	1	1						
3	2	104200-55330	SPRING, VALVE	1	1						
4	2	119810-55340	LEVER	1	1						
5	2	121254-55510	COVER	1	1						
6	2	102103-55520	O-RING	1	1						
7	2	110250-55610	RING, RETAINING	1	1						
8	2	121250-55620	SPRING	1	1						
10	2	124550-55700	FILTER, FUEL L=90	1	1						
13	2	104200-55750	SCREW, M4	1	1						
14	2	24311-240100	O-RING, 1AP10A	1	1						
15	1	124066-59100	CLIP, HOSE 8	1	1						
16	1	129150-59580	CAP	1	1						
17	1	26014-080702	BOLT, M8X 70	1	1						
18	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
19	2	104200-55321	VALVE, TAPER	1	1						
20	2	104200-55330	SPRING, VALVE	1	1						
21	2	104200-55341	HANDLE	1	1						
22	2	124064-55510	COVER	1	1						
23	2	102103-55520	O-RING	1	1						
24	2	110250-55610	RING, RETAINING	1	1						
25	2	121257-55720	SPRING	1	1						
26	2	121257-55731	FLOAT	1	1						
28	2	101720-55750	PLUG, 6	2	2						
29	2	104200-55750	SCREW, M4	1	1						
30	2	171081-55910	SCREEN	1	1						
31	2	23418-060000	GASKET, 6X1.0	2	2						
32	2	24311-240100	O-RING, 1AP10A	1	1						
33	1	119249-55900	BRACKET, FILTER	1	1						
34	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
35	1	26014-080702	BOLT, M8X 70	1	1						
36	1	119260-59020	PIPE ASSY, D12XL400	1	1						
37	2	104264-59030	JOINT, PIPE 8	1	1						
38	2	124766-59050	CLIP, HOSE 12	2	2						
40	1	104264-59030	JOINT, PIPE 8	1	1						
41	1	119225-59030	PIPE ASSY, FUEL	1	1						
42	2	101304-59020	JOINT, PIPE 12	1	1						
43	2	124766-59050	CLIP, HOSE 12	2	2						
45	1	105582-59150	BOLT, PIPE JOINT	2	2						
46	1	104200-59170	GASKET, 12	2	2						
47	1	22190-080002	WASHER, SEAL 6	2	2						
48	1	22190-080002	WASHER, SEAL 6	2	2						
49	1	121520-01851	GASKET	1	1						
50	1	119600-52021	PUMP ASSY, FUEL FEED	1	1						
51	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
52	1	124766-59050	CLIP, HOSE 12	2	2						
53	1	121024-59090	PIPE, FUEL D12X450	1	1						
54	1	119650-59200	BOLT, PIPE JOINT M12	1	1						

N:Old ←Yes/No→ New. O:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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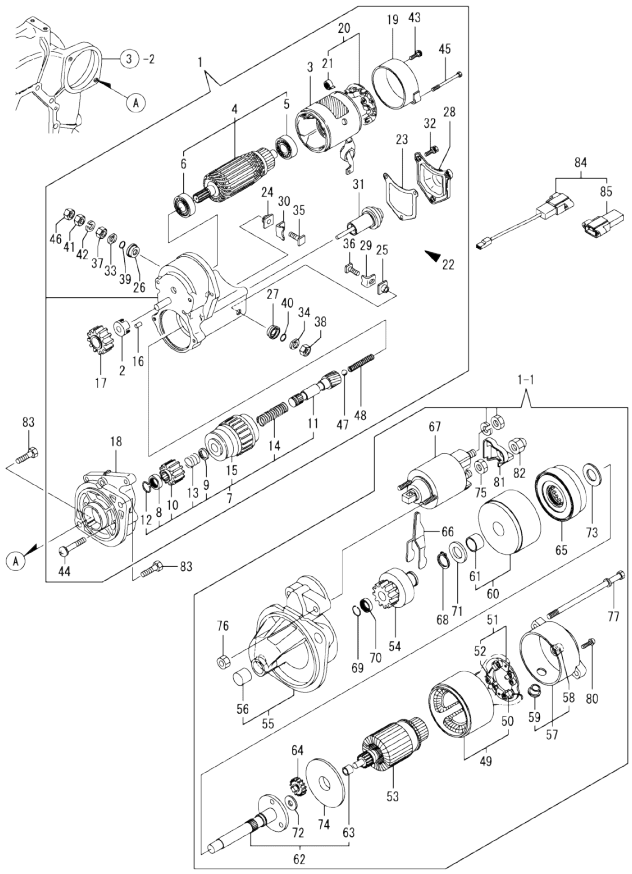
Fig.15. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119620-77011	STARTER	1	1						
1-1	1	119255-77010	STARTER	1	1					F	1
	(A=E73628)	(B=*2000.07.)									
2	2	X0280630011	RETAINER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
3	2	X0281003751	YOKE ASSY	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
4	2	X0282001531	ARMATURE ASSY	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
5	3	X9491001360	BEARING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
6	3	X9491001860	BEARING, BALL	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
7	2	X0283005050	CLUTCH, STARTER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
8	3	X0280210230	NUT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
9	3	X0283270140	RETAINER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
10	3	X0283715030	PINION, STARTER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
11	3	X0283810040	SHAFT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
12	3	X9490721080	RING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
13	3	X9491703371	SPRING, COIL	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
14	3	X9491704260	SPRING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
15	3	121120-77930	CASE ASSY, STARTER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
16	2	X0283060061	ROLLER	5	5					Z	
	(A=E73628)	(B=*2000.07.)									
17	2	X0283711420	PINION	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
18	2	X0284004910	HOUSING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
19	2	X0285040631	FRAME ASSY	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
20	2	X0285100460	HOLDER ASSY, BRUSH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
21	3	X9491730461	SPRING	4	4					Z	
	(A=E73628)	(B=*2000.07.)									
22	2	X0534006460	SWITCH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
23	3	X0534040320	GASKET	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
24	3	X0534490120	BUSH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
25	3	X0534490120	BUSH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									

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

++ CONTINUE ++

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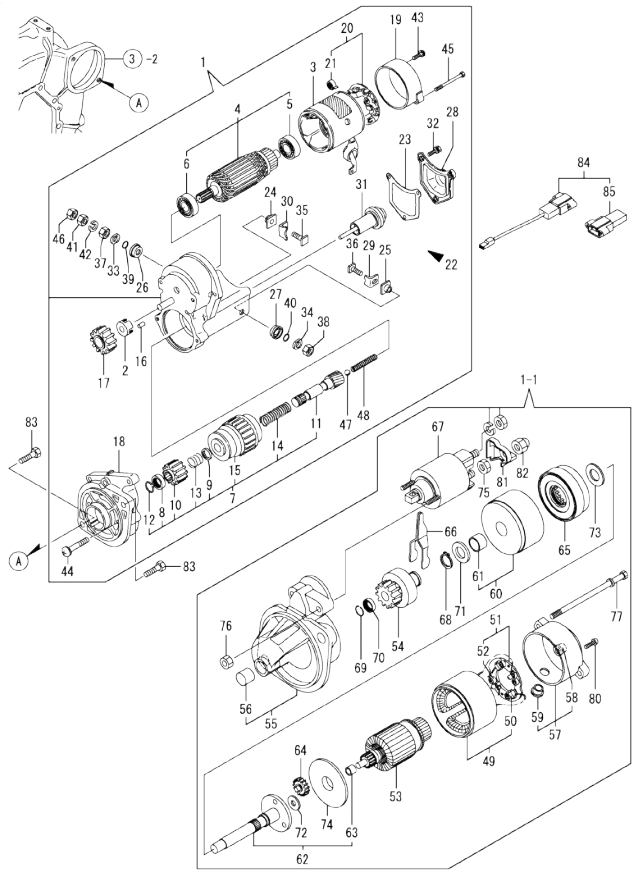
Fig.15. STARTING MOTOR

(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
26	3	X0534490230	BUSH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
27	3	X0534490230	BUSH	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
28	3	X0535050620	COVER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
29	3	X0535130241	PLATE	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
30	3	X0535130320	PLATE	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
31	3	X0536600401	PLUNGER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
32	3	X9151005141	BOLT	3	3					Z	
	(A=E73628)	(B=*2000.07.)									
33	3	X9490170900	WASHER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
34	3	X9490170900	WASHER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
35	3	X9490441303	BOLT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
36	3	X9490441312	BOLT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
37	3	X9490502820	NUT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
38	3	X9490502820	NUT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
39	3	X9491402100	O-RING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
40	3	X9491402100	O-RING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
41	2	X9019008651	NUT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
42	2	X9025808001	WASHER	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
43	2	X9490071810	SCREW	2	2					Z	
	(A=E73628)	(B=*2000.07.)									
44	2	X9490071970	SCREW	2	2					Z	
	(A=E73628)	(B=*2000.07.)									
45	2	X9490423330	BOLT	2	2					Z	
	(A=E73628)	(B=*2000.07.)									
46	2	X9490561370	NUT	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
47	2	X9491200240	BALL	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
48	2	X9491703380	SPRING	1	1					Z	
	(A=E73628)	(B=*2000.07.)									
49	2	X0281007680	YOKE ASSY	1	1					W	
	(A=E73628)	(B=*2000.07.)									
50	3	X0280996180	STARTER KIT	2	2					W	
	(A=E73628)	(B=*2000.07.)									
51	2	X0285105190	HOLDER ASSY	1	1					W	

Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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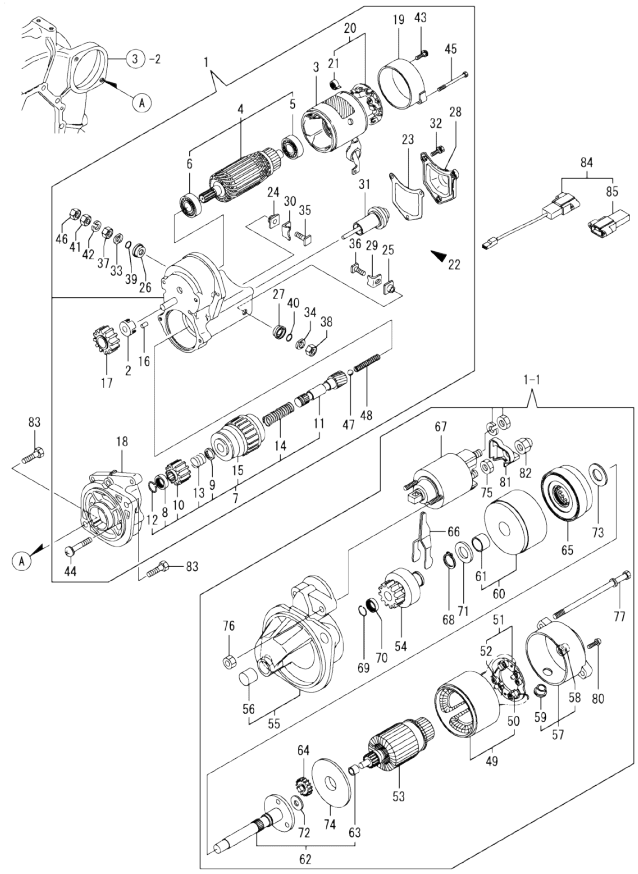
Fig.15. STARTING MOTOR



(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=E73628) (B=*2000.07.)									
52	3	X0285205030	SPRING	4	4					W	
		(A=E73628) (B=*2000.07.)									
53	2	X0282005871	ARMATURE ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
54	2	X0283006960	CLUTCH ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
55	2	X2284005750	HOUSING ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
56	3	X9491050100	BEARING, NEEDLE	1	1					W	
		(A=E73628) (B=*2000.07.)									
57	2	X0285005770	FRAME ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
58	3	X9491040990	BEARING	1	1					W	
		(A=E73628) (B=*2000.07.)									
59	3	X0280626010	COVER	1	1					W	
		(A=E73628) (B=*2000.07.)									
60	2	X0284105010	BEARING ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
61	3	X9491034330	BEARING	1	1					W	
		(A=E73628) (B=*2000.07.)									
62	2	X0286105010	SHAFT ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
63	3	X9491034320	BEARING	1	1					W	
		(A=E73628) (B=*2000.07.)									
64	2	X0286305010	GEAR	3	3					W	
		(A=E73628) (B=*2000.07.)									
65	2	X0286355010	GEAR	1	1					W	
		(A=E73628) (B=*2000.07.)									
66	2	X0287405140	LEVER	1	1					W	
		(A=E73628) (B=*2000.07.)									
67	2	X0534007800	SWITCH ASSY	1	1					W	
		(A=E73628) (B=*2000.07.)									
68	2	X9055715000	RING	1	1					W	
		(A=E73628) (B=*2000.07.)									
69	2	X9490721360	RING	1	1					W	
		(A=E73628) (B=*2000.07.)									
70	2	X0280210331	NUT	1	1					W	
		(A=E73628) (B=*2000.07.)									
71	2	X9490138110	WASHER	1	1					W	
		(A=E73628) (B=*2000.07.)									
72	2	X9490138090	WASHER	1	1					W	
		(A=E73628) (B=*2000.07.)									
73	2	X9490138100	WASHER	1	1					W	
		(A=E73628) (B=*2000.07.)									
74	2	X0284525010	PLATE	1	1					W	
		(A=E73628) (B=*2000.07.)									
75	2	X9490562360	NUT	1	1					W	
		(A=E73628) (B=*2000.07.)									
76	2	X9490560750	NUT	2	2					W	
		(A=E73628) (B=*2000.07.)									

Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

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

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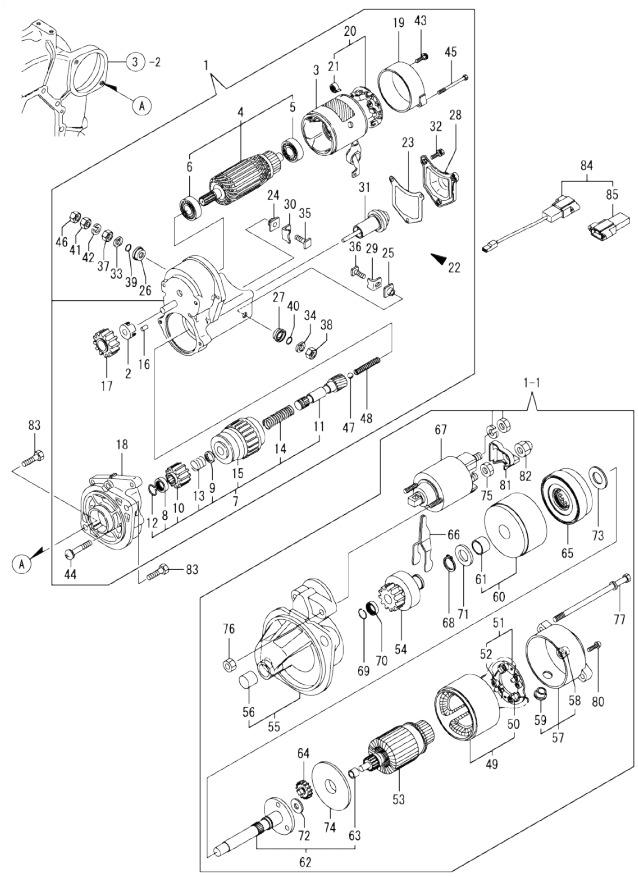
Fig.15. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
77	2	X9490423520	BOLT, THROUGH	2	2					W	
	(A=E73628)	(B=*2000.07.)									
80	2	X9490065670	SCREW, M4X6	2	2					W	
	(A=E73628)	(B=*2000.07.)									
81	2	X0280335360	COVER, TERMINAL	1	1					W	
	(A=E73628)	(B=*2000.07.)									
82	2	X1289510130	NUT	1	1					W	
	(A=E73628)	(B=*2000.07.)									
83	1	26116-120252	BOLT, M12X 25 PLATED	2	2						
84	1	129052-77951	CONNECTOR, STARTER	1	1					W	1
	(A=E73628)	(B=*2000.07.)									
85	2	129052-77960	HOUSING	1	1					W	1
	(A=E73628)	(B=*2000.07.)									

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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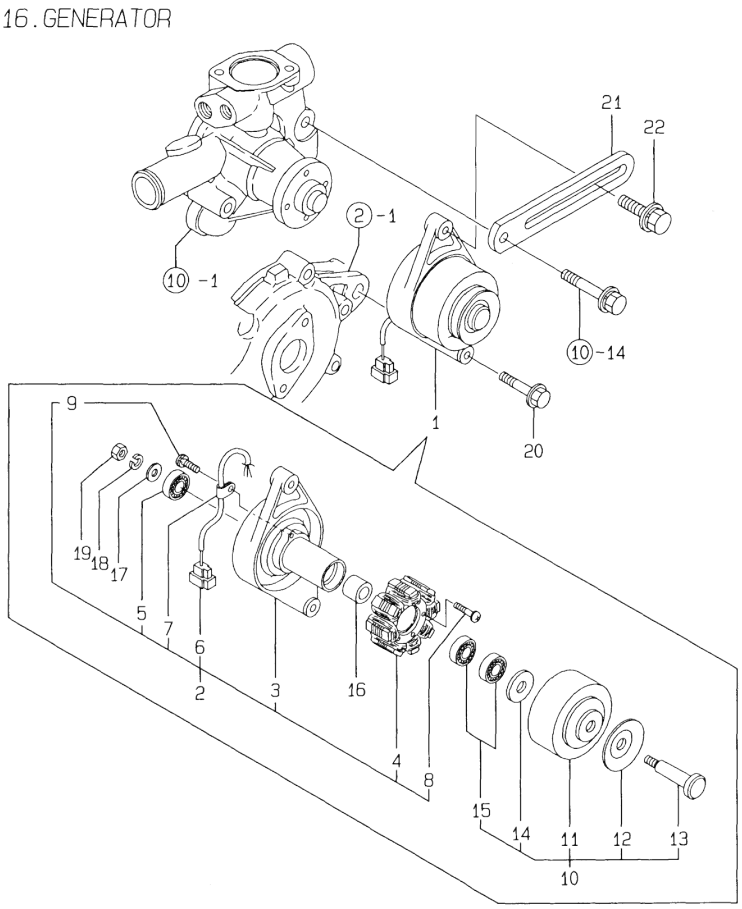
Fig.16. GENERATOR

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1	1						
2	2	XM08137	PLATE ASSY	1	1						
3	3	XM08138	PLATE	1	1						
4	3	XM08180	STATOR SET	1	1						
5	3	XM27436	BEARING, BALL	1	1						
6	3	XM17878	COUPLER	1	1						
7	3	XM36410	CLAMP	1	1						
8	3	26022-040252	SCREW, M4X25	2	2						
9	3	XYSPS4008	SCREW	1	1						
10	2	XM82184	FLYWHEEL ASSY	1	1						
11	3	XM82110	FLYWHEEL	1	1						
12	3	XM72174	PULLEY	1	1						
13	3	XM72664	SHAFT	1	1						
14	3	XM37336	WASHER	1	1						
15	3	XM27436	BEARING, BALL	2	2						
16	2	106383-44720	SPACER	1	1						
17	2	106383-44730	WASHER	1	1						
18	2	22212-100000	SPRING WASHER 10	1	1						
19	2	26716-100002	NUT, M10	1	1						
20	1	26106-100402	BOLT, M10X 40 PLATED	1	1						
21	1	121450-77330	ADJUSTER	1	1						
22	1	119810-77340	BOLT, ADJUSTER	1	1						

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

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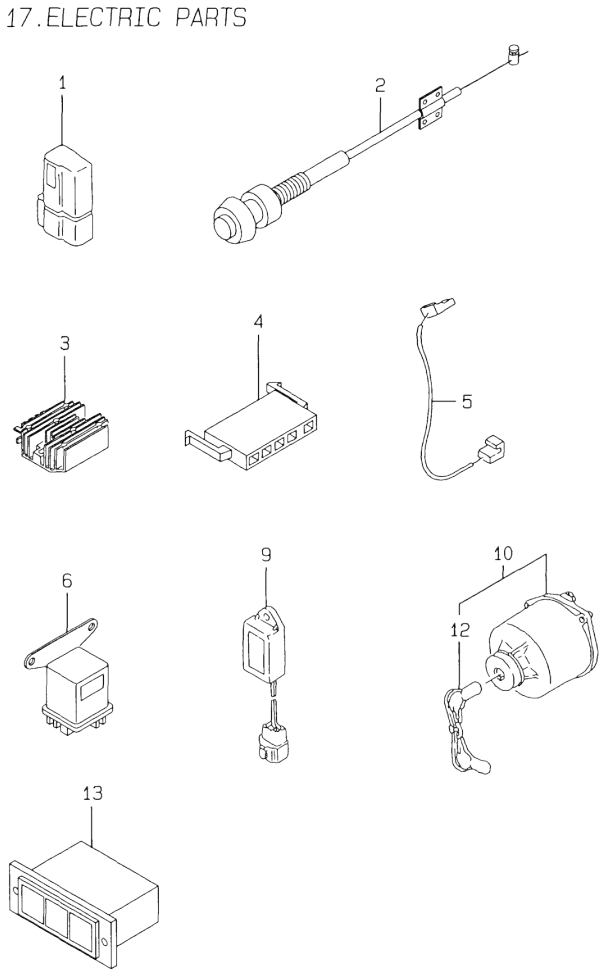
Fig.17. ELECTRICAL PARTS



(A)=3TNE68-GB2 (D)=
(B)=3TNE68-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119643-66900	DIODE	1	1						
2	1	170022-67100	CABLE, PUSH-PULL		1						
3	1	119660-77710	LIMITER, CURRENT 15A	1	1						
3-1	1	119660-77711	LIMITER, CURRENT 15A	1	1					N	
	(A=E49997)		(B=E49994)								
4	1	171301-77720	COUPLER	1	1						
5	1	119643-77900	CONNECTOR, STARTER	1	1						
6	1	119650-77910	RELAY ASSY, GLOW	1	1						
9	1	119632-77920	TIMER	1	1						
10	1	129115-91250	SWITCH ASSY	1	1						
12	2	129115-91270	KEY ASSY	1	1						
13	1	170038-91310	LAMP	1	1						

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

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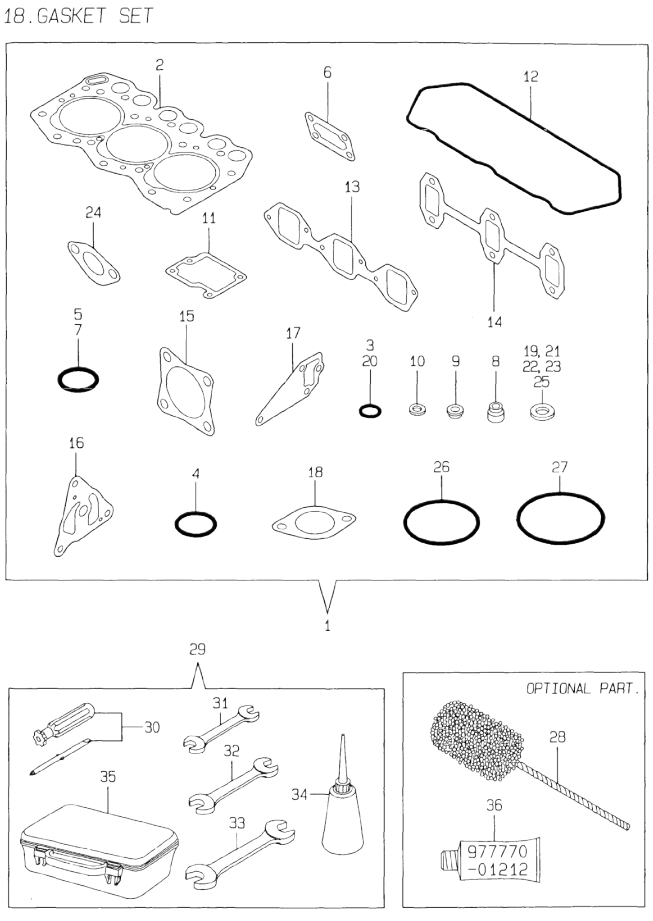
Fig.18. GASKET SET & TOOLS

(A)=3TNE68-GB2
(B)=3TNE68-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719265-92630	GASKET SET	1	1						1
2	2	119265-01341	GASKET, HEAD	1	1						
3	2	24311-000120	O-RING, 1AP12.0	4	4						
4	2	24311-000320	O-RING, 1AP32.0	2	2						
5	2	24341-000240	O-RING, 1AS24.0	1	1						
6	2	119660-01562	GASKET	1	1						
7	2	24311-000180	O-RING, 1AP18.0	1	1						
8	2	119260-11340	SEAL, VALVE STEM	6	6						
9	2	119600-11450	PROTECTOR, NOZZLE	3	3						
10	2	119600-11460	GASKET, NOZZLE	6	6						
11	2	119260-03031	GASKET	1	1						
12	2	119260-11310	GASKET, BONNET	1	1						
13	2	119260-12111	GASKET, MANIFOLD	1	1						
14	2	119260-13110	GASKET	1	1						
15	2	121000-13201	GASKET, SILENCER	2	2						
16	2	119660-32020	GASKET, PUMP	1	1						
17	2	119260-42020	GASKET, WATER PUMP	1	1						
18	2	129350-49541	GASKET	1	1						
19	2	124465-44950	GASKET, 16	2	2						
20	2	129155-61830	O-RING, S10	3	3						
21	2	23414-080012	GASKET, 8X1.0	2	2						
22	2	22190-080002	WASHER, SEAL 6	4	4						
23	2	23414-140000	GASKET, 14X1.0	3	3						
24	2	121520-01851	GASKET	1	1						
25	2	104200-59170	GASKET, 12	2	2						
26	2	24321-000600	O-RING, 1AG60.0	1	1						
27	2	24321-000700	O-RING, 1AG70.0	1	1						
28	1	129400-92400	HONE	1	1						1
29	1	721400-92102	BOX ASSY, TOOL	1	1						
30	2	104200-92350	DRIVER, SCREW	1	1						
31	2	28110-100120	SPANNER, 10X12	1	1						
32	2	28110-140170	SPANNER, 14X17	1	1						
33	2	28110-190220	SPANNER, 19X22	1	1						
34	2	28210-000140	OILER	1	1						
35	2	104200-92600	BOX, TOOL	1	1						
36	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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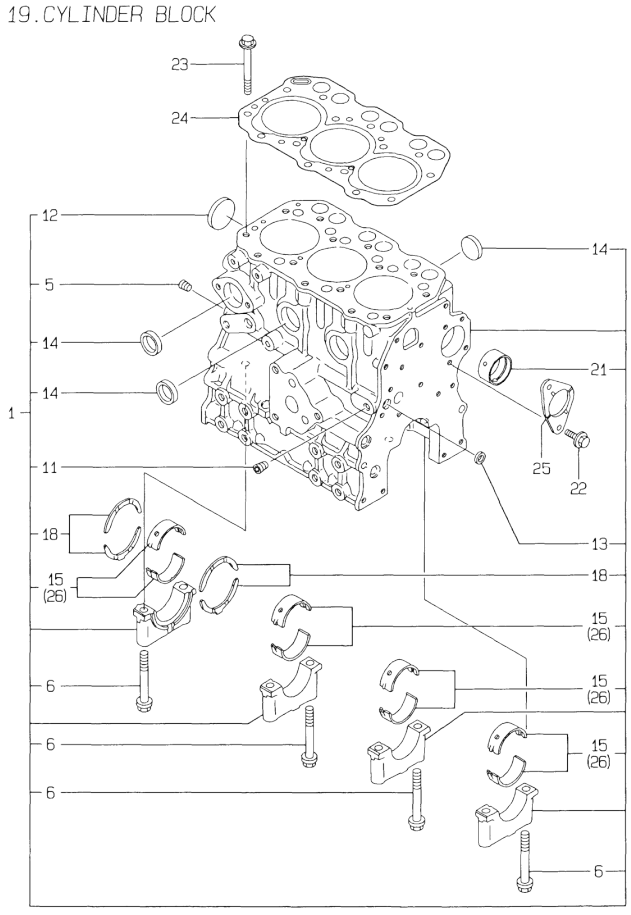
Fig.19. CYLINDER BLOCK



Remarks
(1)UNDER-SIZE(U.S=0.25)PART.

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719623-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	119600-01050	PLUG, PT1/4	1	1						
6	2	119620-02020	BOLT, METAL CAP	8	8						
11	2	23871-010000	PLUG, R01	1	1						
12	2	27231-450000	PLUG 45	1	1						
13	2	27241-120000	PLUG, 12	1	1						
14	2	27241-300000	PLUG 30	6	6						
15	2	719620-02800	BEARING, MAIN	4	4						
18	2	719620-02930	BEARING, THRUST	2	2						
21	2	119624-02410	BUSH	1	1						
22	1	26106-060122	BOLT, M6X 12 PLATED	2	2						
23	1	119620-01200	BOLT, HEAD	14	14						
24	1	119623-01330	GASKET, HEAD	1	1						
25	1	119620-02450	BEARING, THRUST	1	1						
26	1	719620-02870	BEARING, 0.25 US	4	4						1

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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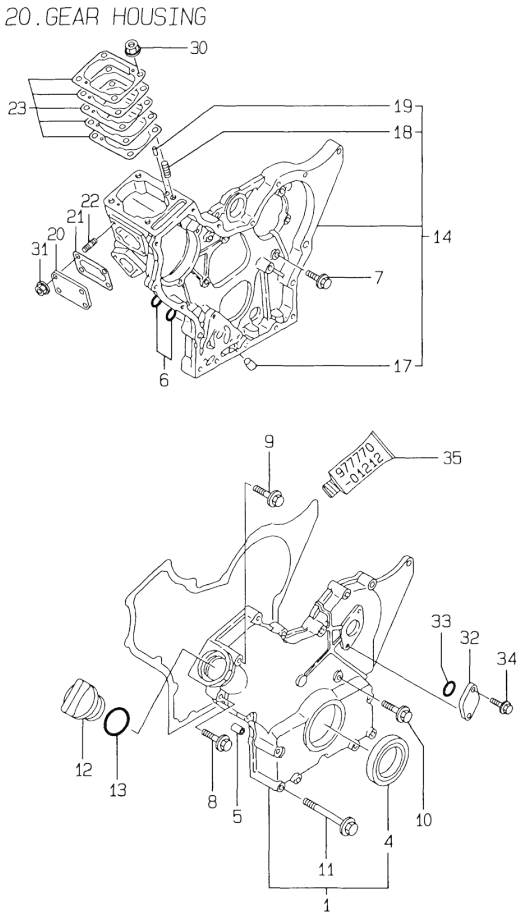
Fig.20. GEAR HOUSING



Remarks
(1) OPTIONAL PART.

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119610-01590	COVER ASSY,GEAR CASE	1	1						
4	2	119620-01800	SEAL, OIL	1	1						
5	1	119660-01911	PIPE, KNOCK	4	4						
6	1	24311-000120	O-RING, 1AP12.0	2	2						
7	1	26106-060162	BOLT, M6X 16 PLATED	7	7						
8	1	26106-060302	BOLT, M6X 30 PLATED	8	8						
9	1	26106-060602	BOLT, M6X 60 PLATED	1	1						
10	1	26106-060602	BOLT, M6X 60 PLATED	3	3						
11	1	26106-060802	BOLT, M6X 80 PLATED	6	6						
12	1	124160-01751	COVER, FILLER	1	1						
13	1	24311-000320	O-RING, 1AP32.0	1	1						
14	1	119610-01490	CASE ASSY, GEAR	1	1						
17	2	119660-01510	PLUG, 10X14	1	1						
18	2	121450-01560	STUD, M8X22	4	4						
19	2	22351-040010	PIN, SPRING 4.0X10	2	2						
20	1	119660-01551	COVER	1	1						
21	1	119660-01562	GASKET	1	1						
22	1	119660-01570	STUD, M6X12	4	4						
23	1	119623-01950	SHIM SET, ADJUSTING	1	1						
30	1	194990-22050	NUT, M8	4	4						
31	1	26366-060002	NUT, M6	4	4						
32	1	121023-01550	COVER	1	1						
33	1	24341-000240	O-RING, 1AS24.0	1	1						
34	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
35	1	977770-01212	GASKET, LIQUID	1	1						1

N:Old ⟵Yes/No⟶ New. Q:Old ⟵No/Yes⟶ New. R:Old ⟵Yes/Yes⟶ New. S:Old ⟵No/No⟶ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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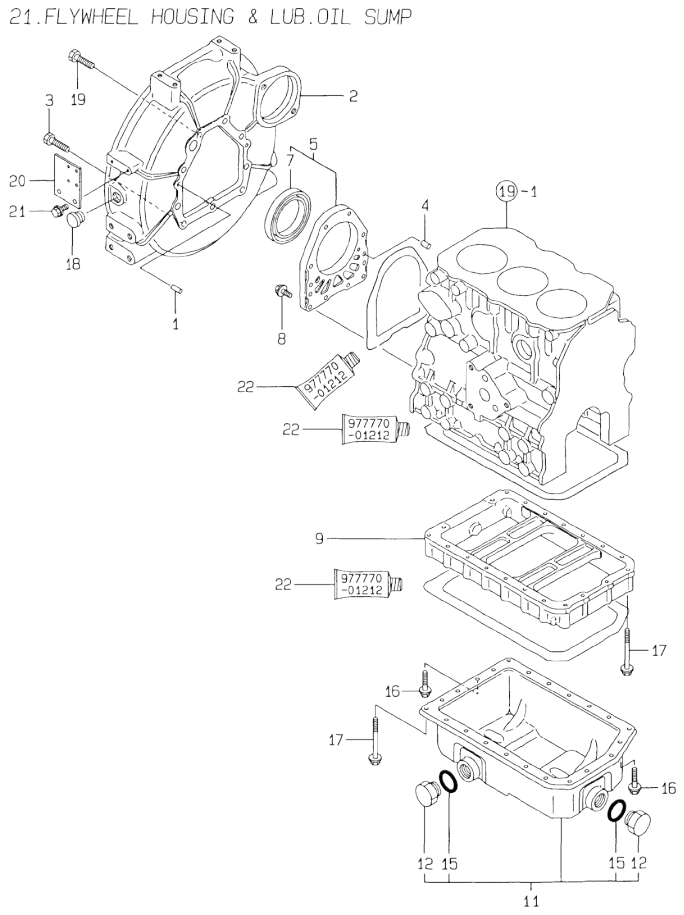
Fig.21. FLYWHEEL HOUSING & OIL SUMP



Remarks
(1) OPTIONAL PART.

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2	2						
2	1	119600-01600	HOUSING, FLYWHEEL	1	1						
3	1	121120-01620	BOLT, M10X28	3	3						
4	1	119620-01620	PIN, M6X10	2	2						
5	1	119660-01640	CASE ASSY, OIL SEAL	1	1						
7	2	124085-02220	SEAL, OIL	1	1						
8	1	26106-060222	BOLT, M6X 22 PLATED	10	10						
9	1	119600-01722	SPACER, OIL SUMP	1	1						
11	1	119600-01770	SUMP ASSY, OIL	1	1						
12	2	171301-01640	PLUG, 22	2	2						
15	2	24341-000250	O-RING, 1AS25.0	2	2						
16	1	26106-060122	BOLT, M6X 12 PLATED	3	3						
17	1	26106-060452	BOLT, M6X 45 PLATED	20	20						
18	1	119620-01750	CAP	1	1						
19	1	26206-100252	BOLT, M10X 25 PLATED	6	6						
20	1	129111-67010	SUPPORT, WIRE	1	1						
21	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
22	1	977770-01212	GASKET, LIQUID	1	1						1

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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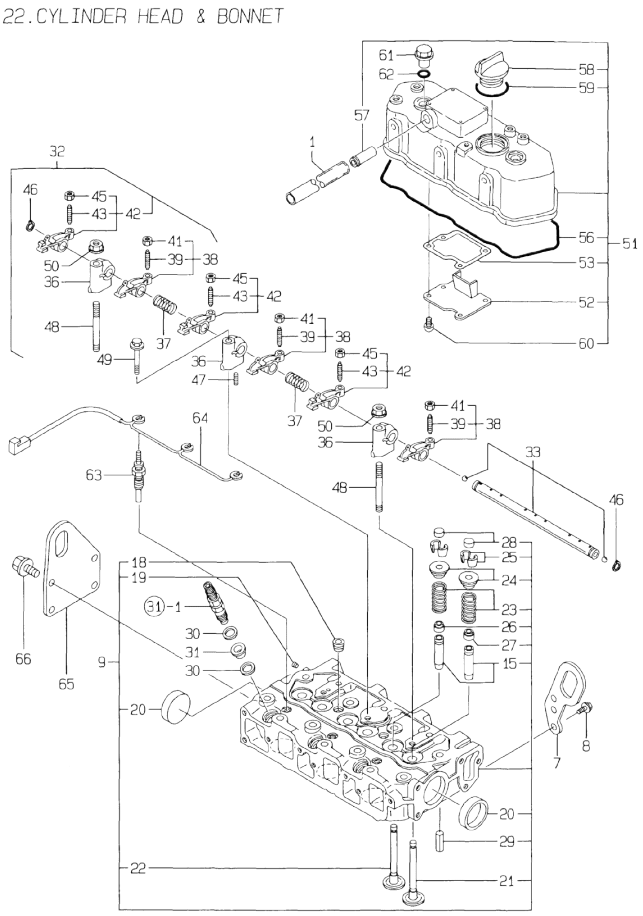
Fig.22. CYLINDER HEAD & BONNET

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	23065-120500	PIPE, 12X 500	1	1						
7	1	119260-07900	LIFTER	1	1						
8	1	26106-060122	BOLT, M6X 12 PLATED	4	4						
9	1	719623-11710	HEAD ASSY, CYLINDER	1	1						
15	2	119620-11801	GUIDE, VALVE	6	6						1
18	2	23871-020000	PLUG, R02	2	2						
19	2	27221-050080	PLUG, 5X 8	1	1						
20	2	27241-400000	PLUG, 40	2	2						
21	2	119623-11100	VALVE, INTAKE	3	3						
22	2	119620-11110	VALVE, EXHAUST	3	3						
23	2	119620-11120	SPRING, VALVE	6	6						
24	2	119620-11180	RETAINER, SPRING	6	6						
25	2	27310-070001	COTTER, 7	6	6						N
		(A=EXXXXX) (B=EXXXXX)									
26	2	124160-11340	SEAL, VALVE STEM	3	3						
27	2	124950-11340	SEAL, VALVE STEM	3	3						
28	2	104211-11370	CAP, VALVE	6	6						
29	1	22351-060012	PIN, SPRING 6.0X12	2	2						
30	1	119600-11460	GASKET, NOZZLE	6	6						
31	1	119600-11450	PROTECTOR, NOZZLE	3	3						
32	1	119620-11200	SUPPORT ASSY, ARM	1	1						
33	2	119620-11240	SHAFT ASSY, ROCKER	1	1						
36	2	119620-11260	SUPPORT, ROCKER ARM	3	3						
37	2	119620-11280	SPRING	2	2						
38	2	719620-11650	ARM ASSY, ROCKER	3	3						
39	3	105010-11230	SCREW, VALVE ADJUST	3	3						
41	3	26856-060002	NUT, M6	12	12						
42	2	719620-11660	ARM ASSY, ROCKER	3	3						
43	3	105010-11230	SCREW, VALVE ADJUST	3	3						
45	3	26856-060002	NUT, M6	12	12						
46	2	22242-000120	RING, 12	2	2						
47	2	26979-050162	SCREW, M5X16	1	1						
48	1	119620-11350	STUD	2	2						
49	1	26106-080452	BOLT, M8X 45 PLATED	1	1						
50	1	26366-080002	NUT, M8	2	2						
51	1	119620-11330	BONNET ASSY, HEAD	1	1						
52	2	119620-03020	PLATE, SHELTER	1	1						
53	2	119620-03031	GASKET	1	1						
56	2	119620-11310	GASKET, BONNET	1	1						
57	2	118400-03060	JOINT, BREATHER	1	1						
58	2	124160-01751	COVER, FILLER	1	1						
59	2	24311-000320	O-RING, 1AP32.0	1	1						
60	2	22857-500100	SCREW, 5X10	4	4						
61	1	124160-11360	KNOB	2	2						
62	1	24311-000120	O-RING, 1AP12.0	2	2						
63	1	129795-77800	PLUG, GLOW	3	3						
64	1	119620-77820	CONNECTOR, GLOW PLUG	1	1						
65	1	119632-07900	LIFTER	1	1						
66	1	26106-080142	BOLT, M8X 14 PLATED	1	1						

Remarks
(1) REPAIR PART.

N:Old ◂Yes/No▸ New. Q:Old ◂No/Yes▸ New. R:Old ◂Yes/Yes▸ New. S:Old ◂No/No▸ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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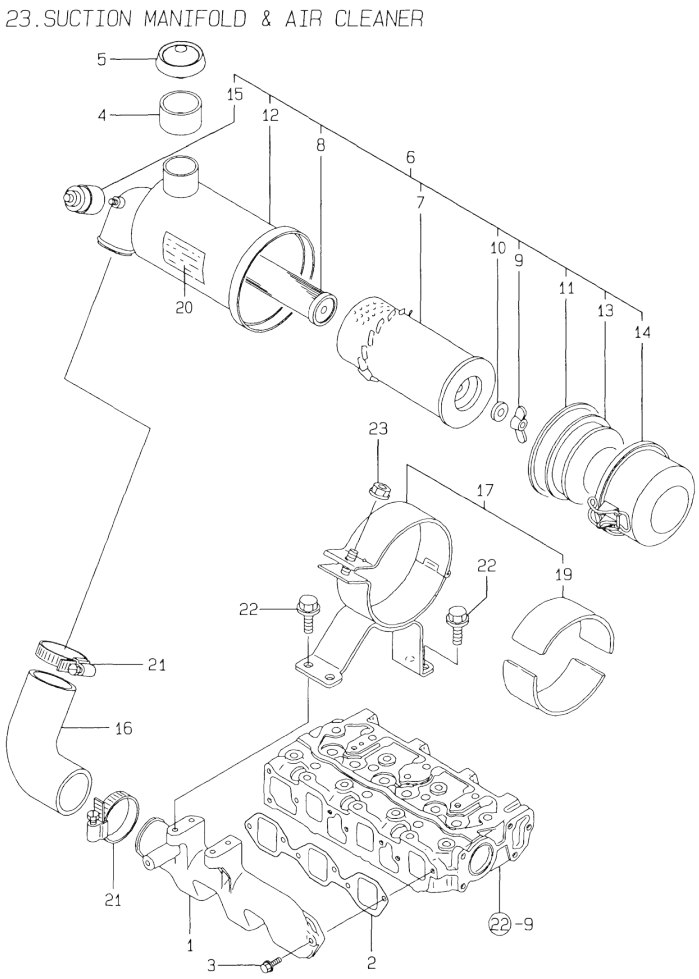
Fig.23. SUCTION MANIFOLD & AIR CLEANER



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119645-12100	MANIFOLD, AIR INTAKE	1	1						
2	1	119620-12111	GASKET, MANIFOLD	1	1						
3	1	26106-060202	BOLT, M6X 20 PLATED	6	6						
4	1	119288-12050	JOINT, PIPE	1							
5	1	121521-12400	CAP, RAIN	1							
6	1	119649-12500	CLEANER, AIR	1	1						
7	2	119631-12520	ELEMENT	1	1						
8	2	119631-12530	ELEMENT	1	1						
9	2	119631-12540	NUT	1	1						
10	2	119631-12550	WASHER	1	1						
11	2	119631-12570	GASKET	1	1						
12	2	119649-12610	BODY, AIR CLEANER	1	1						
13	2	121472-12660	CAP	1	1						
14	2	121465-12700	RETAINER, ELEMENT	1	1						
15	2	121492-12950	INDICATOR	1	1						
16	1	119632-12551	PIPE, AIR INTAKE	1	1						
17	1	119632-12590	SUPPORT ASSY,CLEANER	1	1						
19	2	119640-12580	SEAT, RUBBER	2	2						
20	1	129136-12600	LABEL, AIR CLEANER	1	1						
21	1	23000-060000	CLAMP, 60	2	1						
22	1	26014-080202	BOLT, M8X 20	4	4						
23	1	26366-080002	NUT, M8	1	1						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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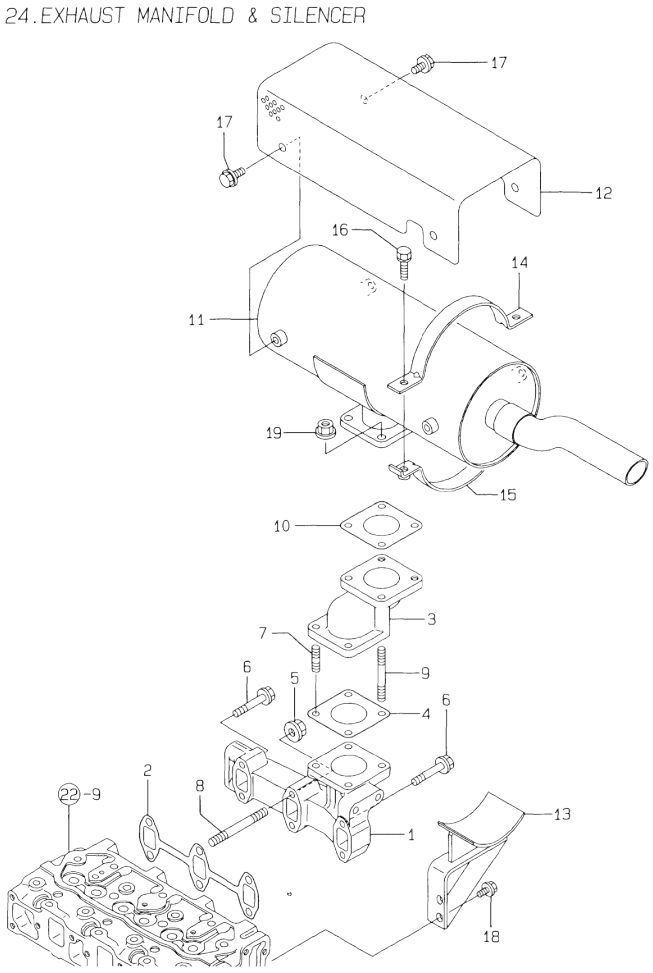
Fig.24. EXHAUST MANIFOLD & SILENCER



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119631-13101	MANIFOLD, EXHAUST	1	1						
2	1	119620-13110	GASKET	1	1						
3	1	119840-13150	PIPE	1	1						
4	1	121000-13201	GASKET, SILENCER	1	1						
5	1	26366-080002	NUT, M8	2	2						
6	1	26106-080402	BOLT, M8X 40 PLATED	4	4						
7	1	119131-18320	STUD, M8X22	2	2						
8	1	26216-080552	STUD, M8X 55	2	2						
9	1	119823-13600	STUD, M8X70	2	2						
10	1	121000-13201	GASKET, SILENCER	1	1						
11	1	119888-13501	SILENCER	1							
12	1	119888-13600	COVER, SILENCER	1							
13	1	119688-13651	STAY, SILENCER	1							
14	1	119888-13670	BAND, SILENCER	1							
15	1	119888-13680	BAND, SILENCER	1							
16	1	26014-080302	BOLT, M8X 30	2							
17	1	26106-080122	BOLT, M8X 12 PLATED	4							
18	1	26106-080162	BOLT, M8X 16 PLATED	2							
19	1	26366-080002	NUT, M8	4							

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}{}_{\text{No}}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}{}_{\text{Yes}}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}{}_{\text{Yes}}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}{}_{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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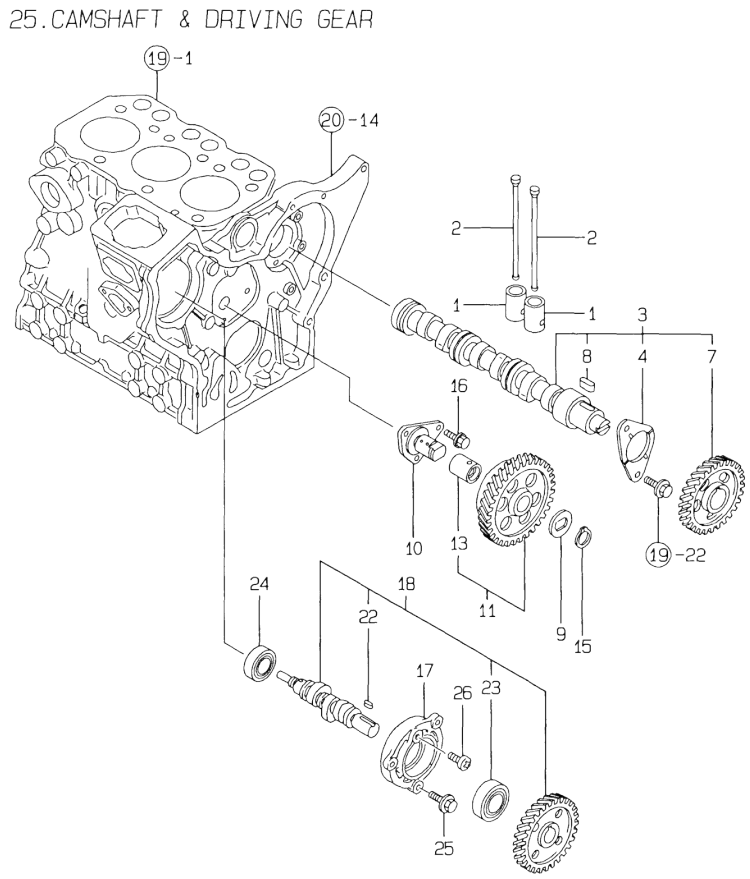
Fig.25. CAMSHAFT & DRIVING GEAR

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119620-14200	TAPPET	6	6						
2	1	119620-14401	ROD, PUSH	6	6						
3	1	119629-14580	CAMSHAFT ASSY	1	1						
4	2	119620-02450	BEARING, THRUST	1	1						
7	2	119620-14100	GEAR, CAMSHAFT	1	1						
8	2	22512-040120	KEY, 4X 12	1	1						
9	1	119660-25022	RETAINER	1	1						
10	1	119660-25052	SHAFT, IDLE	1	1						
11	1	119620-25102	GEAR ASSY, IDLE	1	1						
13	2	119620-25912	BUSH	1	1						1
15	1	22242-000200	RING, 20	1	1						
16	1	26106-060122	BOLT, M6X 12 PLATED	3	3						
17	1	119660-01821	BEARING, FUEL CAM	1	1						
18	1	719660-14590	CAMSHAFT	1	1						
22	2	22512-040120	KEY, 4X 12	1	1						
23	2	24102-063034	BEARING, BALL 6303U	1	1						
24	1	24101-062034	BEARING, BALL 6203	1	1						
25	1	26106-060162	BOLT, M6X 16 PLATED	3	3						
26	1	26587-080102	SCREW, M8X10	1	1						

Remarks
(1) REPAIR PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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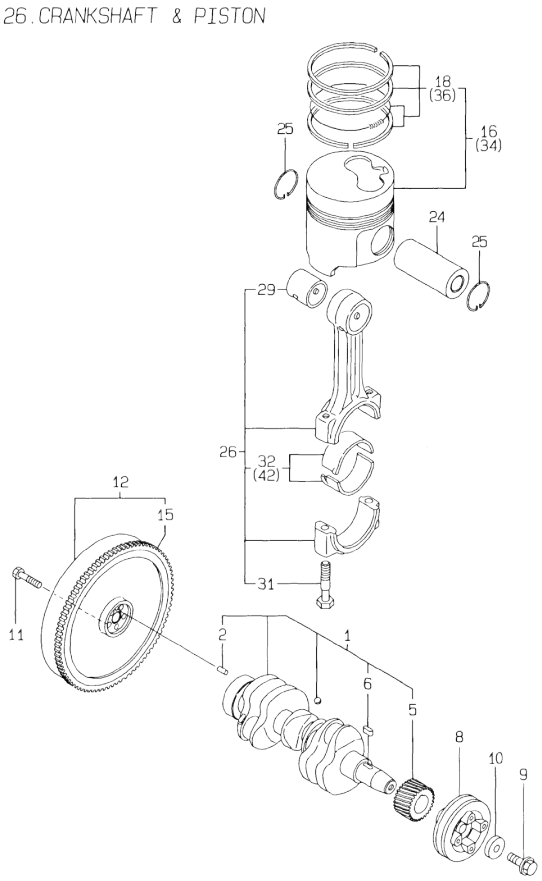
Fig.26. CRANKSHAFT & PISTON



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

(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119623-21700	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
5	2	119644-21200	GEAR, CRANKSHAFT	1	1						
6	2	22512-040120	KEY, 4X 12	1	1						
8	1	119660-21651	V-PULLEY	1	1						
9	1	119621-21680	BOLT, FLANGE 12X1.25	1	1						
10	1	119620-21941	WASHER	1	1						
11	1	121111-21501	BOLT, FLYWHEEL	5	5						
12	1	119600-21580	FLYWHEEL ASSY	1	1						
15	2	119865-21600	GEAR, RING	1	1						
16	1	119623-22080	PISTON ASSY	3	3						
18	2	119623-22500	RING SET, PISTON	3	3						
24	1	114350-22301	PIN, PISTON D=21	3	3						
25	1	22252-000210	RING, 21	6	6						
26	1	719620-23100	ROD ASSY, CONNECTING	3	3						
29	2	119620-23910	BEARING, PISTON PIN	3	3						1
31	2	105225-23200	BOLT, CONNECTING ROD	6	6						
32	2	719620-23600	BEARING, CRANK PIN	3	3						
34	1	119623-22900	PISTON ASSY, 0.25 OS	3	3						2
36	2	119623-22950	RING SET, 0.25 OS	3	3						2
42	1	719620-23610	BEARING ASSY, 0.25	3	3						3

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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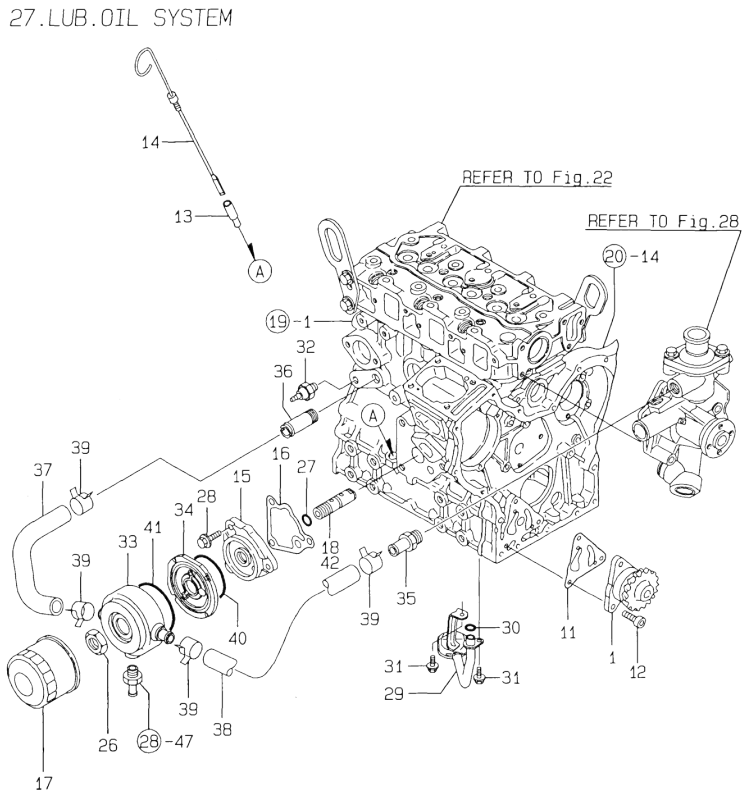
Fig.27. LUB. OIL SYSTEM



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119660-32001	PUMP ASSY, OIL	1	1						
11	1	119660-32020	GASKET, PUMP	1	1						
12	1	26450-060202	BOLT, M6X 20	3	3						
13	1	121520-34810	GUIDE, DIPSTICK	1	1						
14	1	119623-34820	DIPSTICK, OIL	1	1						
15	1	119660-35102	BRACKET, FILTER	1	1						
16	1	119660-35113	GASKET	1	1						
17	1	119305-35150	FILTER, OIL	1	1						
18	1	119660-35300	VALVE ASSY, CONTROL	1							
26	1	129150-35350	NUT	1	1						
27	1	24311-000160	O-RING, 1AP16.0	1	1						
28	1	26106-080202	BOLT, M8X 20 PLATED	3	3						
29	1	119600-35091	PIPE ASSY, OIL INLET	1	1						
30	1	119209-35030	O-RING, P11	1	1						
31	1	26106-060102	BOLT, M6X 10 PLATED	2	2						
32	1	124160-39450	SWITCH, 0.5KG	1	1						
33	1	119642-33030	COOLER, OIL		1						
34	1	119642-33100	BRACKET, COOLER		1						
35	1	121851-11970	JOINT, PIPE		1						
36	1	129122-44480	JOINT		1						
37	1	119642-49030	PIPE, WATER		1						
38	1	129403-49050	PIPE, WATER		1						
39	1	171008-03990	CLIP, HOSE 18.5		4						
40	1	24321-000600	O-RING, 1AG60.0		1						
41	1	24321-000700	O-RING, 1AG70.0		1						
42	1	129120-35301	VALVE ASSY		1						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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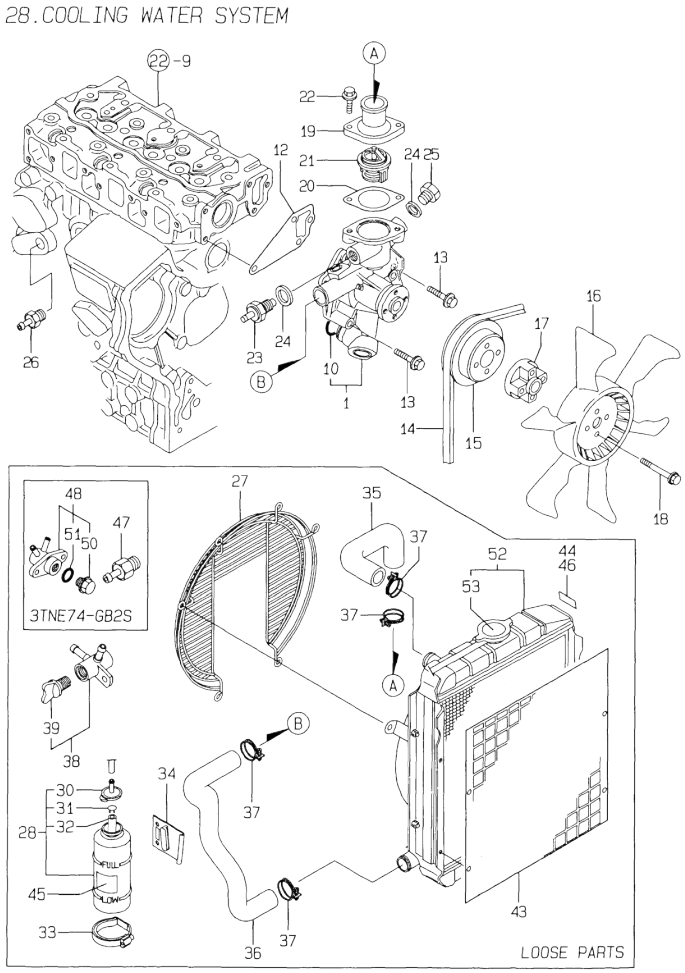
Fig.28. COOLING WATER SYSTEM



(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119642-42000	PUMP ASSY, WATER	1	1						
10	2	119620-42320	O-RING	1	1						
12	1	119620-42020	GASKET, WATER PUMP	1	1						
13	1	26106-080452	BOLT, M8X 45 PLATED	4	4						
14	1	119640-42290	V-BELT, FM36.5	1	1						
15	1	119642-42350	V-PULLEY, D=97	1	1						
16	1	129114-44740	FAN, COOLING D325XY	1	1						
17	1	129030-44760	SPACER, FAN L38.5	1	1						
18	1	26106-060502	BOLT, M6X 50 PLATED	4	4						
19	1	129350-49530	COVER, THERMOSTAT	1	1						
20	1	129350-49541	GASKET	1	1						
21	1	129350-49800	THERMOSTAT, 71	1	1						
22	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
23	1	121250-44901	SWITCH, 110	1	1						
24	1	124465-44950	GASKET, 16	2	2						
25	1	121450-42450	PLUG, M16	1	1						
26	1	121550-49111	JOINT, PT1/4	1	1						
27	1	129120-44560	PROTECTOR, FAN	1	1						
28	1	124450-44510	TANK ASSY, SUB	1	1						
30	2	124450-44530	CAP	1	1						
31	2	124450-44560	RETAINER	1	1						
32	2	23061-070230	PIPE, 7X 230	1	1						
33	1	124450-44550	BAND	1	1						
34	1	121256-44600	BRACKET, SUB TANK	1	1						
35	1	129450-49010	PIPE, WATER	1	1						
36	1	119645-49020	PIPE, WATER	1	1						
37	1	23010-038000	CLAMP, 38	4	4						
38	1	129150-49100	COCK ASSY, 3-WAY	1							
39	2	129150-49080	COCK, DRAIN	1							
43	1	129411-44590	PROTECTOR	1							
44	1	124764-44800	LABEL, RADIATOR	1	1						
45	1	124764-44810	LABEL, SUB TANK	1	1						
46	1	121400-44910	LABEL, RADIATOR	1	1						
47	1	129137-49100	JOINT		1						
48	1	121450-49110	COCK ASSY, 3-WAY		1						
50	2	121250-49121	PLUG, DRAIN		1						
51	2	24311-000160	O-RING, 1AP16.0		1						
52	1	119623-44500	RADIATOR	1	1						
53	2	123682-44210	CAP, RADIATOR	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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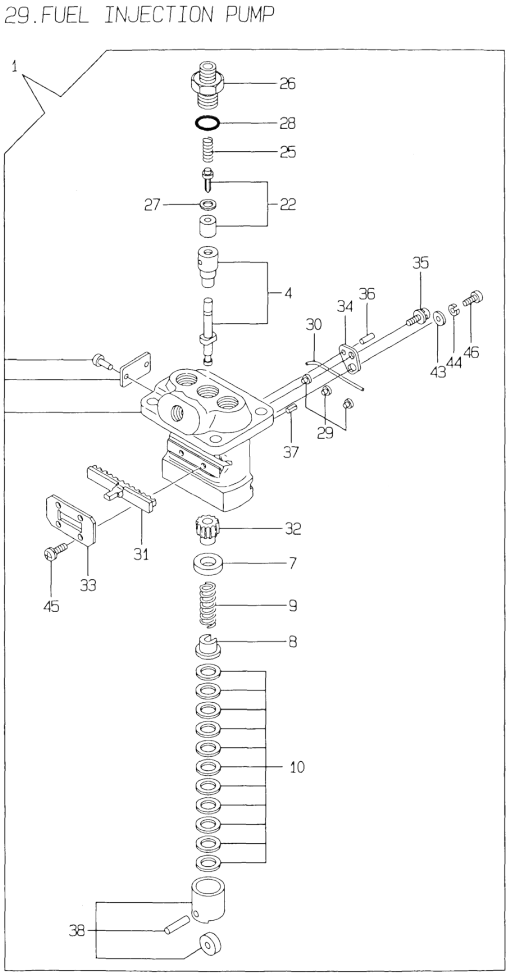
Fig.29. FUEL INJECTION PUMP



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719621-51100	PUMP ASSY, INJECTION	1	1						
4	2	119620-51101	PLUNGER ASSY	3	3						
7	2	119620-51170	RETAINER, SPRING A	3	3						
8	2	119620-51180	RETAINER, SPRING B	3	3						
9	2	119620-51190	SPRING, PLUNGER	3	3						
10	2	119620-51250	SHIM SET	3	3						
22	2	119620-51300	VALVE ASSY, DELIVERY	3	3						
25	2	105546-51330	SPRING, DELIVERY	3	3						
26	2	119620-51340	HOLDER, DELIVERY	3	3						
27	2	119620-51350	GASKET	3	3						
28	2	119620-51370	O-RING	3	3						
29	2	119620-51450	PIECE	3	3						
30	2	119620-51461	PIN	1	1						
31	2	119660-51500	RACK, CONTROL	1	1						
32	2	119620-51510	PINION	3	3						
33	2	119660-51530	RETAINER, RACK	1	1						
34	2	119620-51650	PLATE	2	2						
35	2	119620-51660	SCREW	2	2						
36	2	119620-51670	PIN	2	2						
37	2	119620-51680	PIN	1	1						
38	2	119620-51700	TAPPET ASSY	3	3						
43	2	22137-040000	WASHER, 4	2	2						
44	2	22217-040000	WASHER, SPRING 4	2	2						
45	2	26022-040082	SCREW, M4X 8	4	4						
46	2	26587-040102	SCREW, M4X10	2	2						

N:Old ←Yes/No→ New, Q:Old ←No/Yes→ New, R:Old ←Yes/Yes→ New, S:Old ←No/No→ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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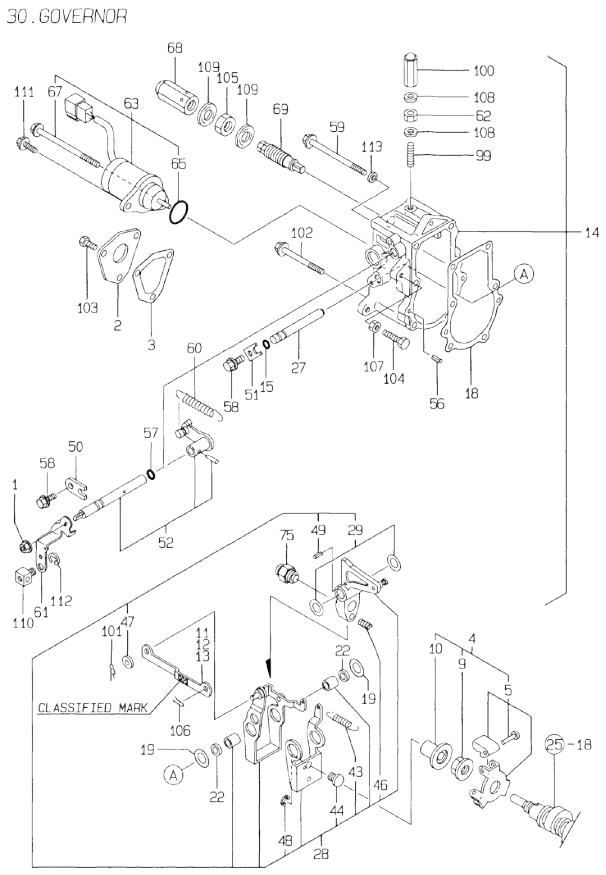
Fig.30. GOVERNOR

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	194990-22050	NUT, M8	1	1						
2	1	119660-61060	COVER, GOVERNOR CASE	1	1						
3	1	119660-61071	GASKET	1	1						
4	1	119600-61100	DRIVE ASSY	1	1						
5	2	119600-61200	WEIGHT ASSY,GOVERNOR	1	1						
9	2	119660-61300	NUT	1	1						
10	2	119660-61341	SLEEVE	1	1						
11	1	119660-61121	LINK, NO MARK	1	1						1
12	1	119660-61140	LINK, MARK :2	1	1						1
13	1	119660-61150	LINK, MARK :3	1	1						1
14	1	119288-61200	CASE ASSY, GOVERNOR	1	1						
15	2	129155-51280	O-RING, S6	1	1						
18	2	119660-61052	GASKET	1	1						
19	2	119660-61460	SHIM SET	1	1						
22	2	129155-61480	SPACER ASSY	2	2						
27	2	119660-61491	SHAFT	1	1						
28	2	119288-61510	LEVER ASSY, GOVERNOR	1	1						
29	3	174307-51700	SHIM SET	2	2						
43	3	119232-61540	SPRING	1	1						
44	3	119600-61541	SHIFTER	1	1						
46	3	119660-61650	SPRING, STARTING	1	1						
47	3	22117-040000	WASHER, 4	1	1						
48	3	22272-000040	RING, E- 4	1	1						
49	3	22351-030014	PIN, SPRING 3.0X14	1	1						
50	2	119600-61900	RETAINER, SHAFT	1	1						
51	2	119660-61901	RETAINER, SHAFT	1	1						
52	2	119285-66080	SHAFT ASSY	1	1						
56	2	22351-040010	PIN, SPRING 4.0X10	2	2						
57	2	24341-000070	O-RING, 1AS7.0	1	1						
58	2	26106-060102	BOLT, M6X 10 PLATED	2	2						
59	1	26106-060752	BOLT, M6X 75 PLATED	3	3						
60	1	119600-66020	SPRING, REGULATOR	1	1						
61	1	119621-66051	LEVER, REGULATOR	1	1						
62	1	124550-66370	NUT, M6	1	1						
63	1	119653-66500	STOPPER ASSY	1	1						
65	2	24341-000280	O-RING, 1AS28.0	1	1						
67	2	26106-060952	BOLT, M6X 95 PLATED	1	1						
68	1	129100-61930	NUT, CAP	1	1						
69	1	119600-66530	LIMITER ASSY, FUEL	1	1						
75	1	119260-66720	ANGLEICH ASSY	1	1						
99	1	121575-66830	SCREW	1	1						
100	1	119600-66840	NUT, CAP	1	1						
101	1	22360-040000	PIN, SNAP 4	1	1						
102	1	26106-060702	BOLT, M6X 70 PLATED	2	2						
103	1	26116-050102	BOLT, M5X 10 PLATED	3	3						
104	1	26116-060304	BOLT, M6X 30 PLATED	1	1						
105	1	26776-120002	NUT, LOCK M12	1	1						
106	1	22360-060000	PIN, SNAP 6	1	1						
107	1	26756-060002	NUT, LOCK M6	1	1						
108	1	22190-060003	SEAL WASER 6	2	2						
109	1	22190-120002	WASHER, SEAL 12	2	2						

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

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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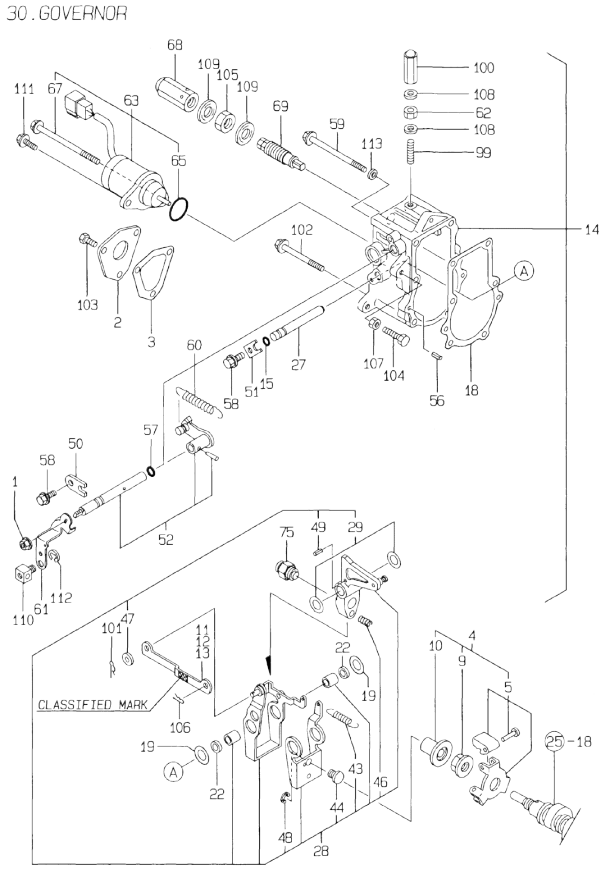
Fig.30. GOVERNOR



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

(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
110	1	124756-67510	RETAINER	1	1						
111	1	121465-59950	BOLT, M6X16	1	1						
112	1	22272-000070	RING, E- 7	1	1						
113	1	22111-060000	WASHER 6	3	3						

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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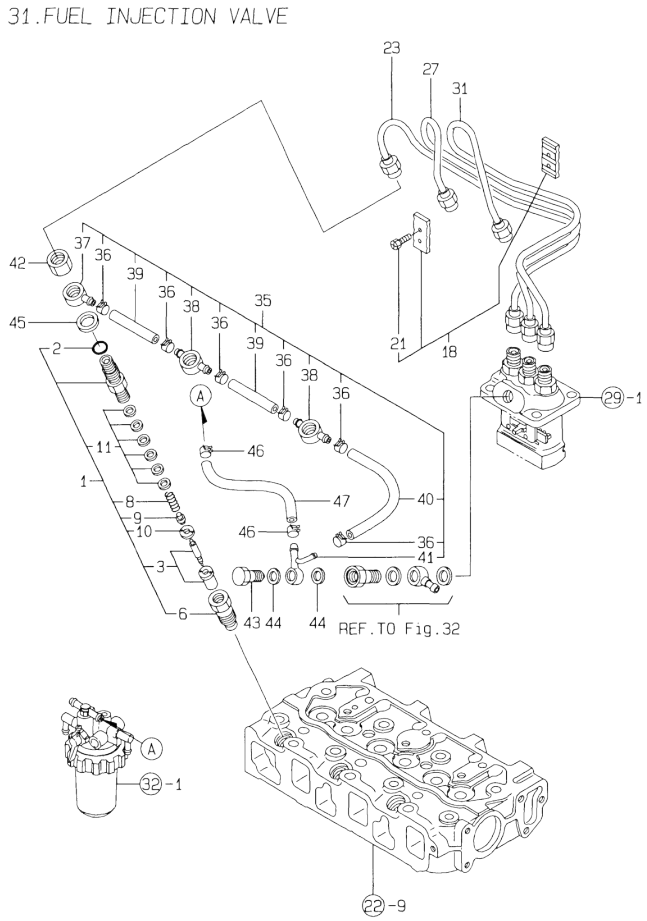
Fig.31. FUEL INJECTION VALVE



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719255-53100	VALVE ASSY,INJECTION	3	3						M
1-1	1	719620-53100	VALVE ASSY,INJECTION	3	3						
2	2	129155-61830	O-RING, S10	3	3						
3	2	119620-53000	VALVE ASSY,INJECTION	3	3						
6	2	119620-53080	NUT, NOZZLE	3	3						
8	2	119620-53120	SPRING, NOZZLE	3	3						
9	2	114250-53130	SEAT, SPRING	3	3						
10	2	119620-53140	SPACER, VALVE STOP	3	3						
11	2	114250-53400	SHIM SET	3	3						
18	1	129150-59120	RETAINER, PIPE	1	1						
21	2	129150-59131	BOLT, M4X14	2	2						
23	1	119620-59811	PIPE ASSY, INJECTION	1	1						
27	1	119620-59821	PIPE ASSY, INJECTION	1	1						
31	1	119620-59831	PIPE ASSY, INJECTION	1	1						
35	1	119642-59540	PIPE ASSY, RETURN	1	1						
36	2	124066-59100	CLIP, HOSE 8	6	6						
37	2	119260-59520	JOINT	1	1						
38	2	119260-59530	JOINT	2	2						
39	2	105025-59550	PIPE, FUEL RETURN	2	2						
40	2	119642-59550	PIPE, FUEL RETURN	1	1						
41	2	119642-59570	JOINT, OVER FLOW	1	1						
42	1	119620-59700	NUT, NOZZLE	3	3						
43	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
44	1	23414-080012	GASKET, 8X1.0	2	2						
45	1	23414-140000	GASKET, 14X1.0	3	3						
46	1	124766-59050	CLIP, HOSE 12	2	2						
47	1	119225-59560	PIPE, FUEL	1	1						

Remarks
(M) MISPRINT.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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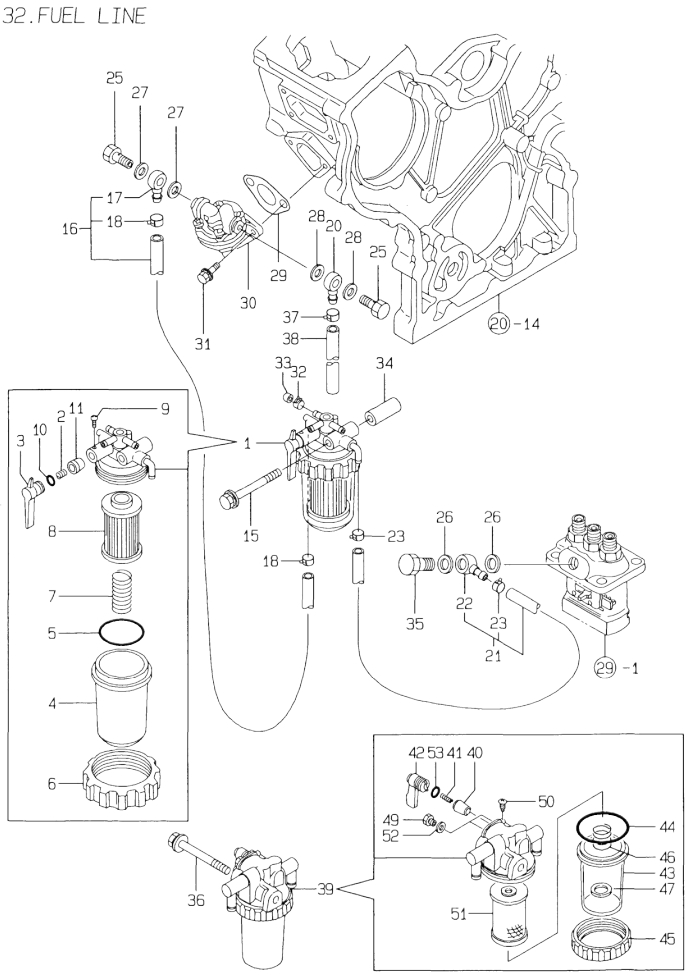
Fig.32. FUEL LINE

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119632-55620	FILTER ASSY, FUEL	1	1						
2	2	104200-55330	SPRING, VALVE	1	1						
3	2	119810-55340	LEVER	1	1						
4	2	121254-55510	COVER	1	1						
5	2	102103-55520	O-RING	1	1						
6	2	110250-55610	RING, RETAINING	1	1						
7	2	121250-55620	SPRING	1	1						
8	2	124550-55700	FILTER, FUEL L=90	1	1						
9	2	104200-55750	SCREW, M4	1	1						
10	2	24311-240100	O-RING, 1AP10A	1	1						
11	2	104200-55321	VALVE, TAPER	1	1						
15	1	26106-081202	BOLT, M8X120 PLATED	1	1						
16	1	119260-59020	PIPE ASSY, D12XL400	1	1						
17	2	104264-59030	JOINT, PIPE 8	1	1						
18	2	124766-59050	CLIP, HOSE 12	2	2						
20	1	104264-59030	JOINT, PIPE 8	1	1						
21	1	119225-59030	PIPE ASSY, FUEL	1	1						
22	2	101304-59020	JOINT, PIPE 12	1	1						
23	2	124766-59050	CLIP, HOSE 12	2	2						
25	1	105582-59150	BOLT, PIPE JOINT	2	2						
26	1	104200-59170	GASKET, 12	2	2						
27	1	22190-080002	WASHER, SEAL 6	2	2						
28	1	22190-080002	WASHER, SEAL 6	2	2						
29	1	121520-01851	GASKET	1	1						
30	1	119600-52021	PUMP ASSY, FUEL FEED	1	1						
31	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
32	1	124066-59100	CLIP, HOSE 8	1	1						
33	1	129150-59580	CAP	1	1						
34	1	119288-77340	PIECE, DISTANCE	1	1						
35	1	119650-59200	BOLT, PIPE JOINT M12	1	1						
36	1	26014-080702	BOLT, M8X 70	1	1						
37	1	124766-59050	CLIP, HOSE 12	2	2						
38	1	121024-59090	PIPE, FUEL D12X450	1	1						
39	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
40	2	104200-55321	VALVE, TAPER	1	1						
41	2	104200-55330	SPRING, VALVE	1	1						
42	2	104200-55341	HANDLE	1	1						
43	2	124064-55510	COVER	1	1						
44	2	102103-55520	O-RING	1	1						
45	2	110250-55610	RING, RETAINING	1	1						
46	2	121257-55720	SPRING	1	1						
47	2	121257-55731	FLOAT	1	1						
49	2	101720-55750	PLUG, 6	2	2						
50	2	104200-55750	SCREW, M4	1	1						
51	2	171081-55910	SCREEN	1	1						
52	2	23418-060000	GASKET, 6X1.0	2	2						
53	2	24311-240100	O-RING, 1AP10A	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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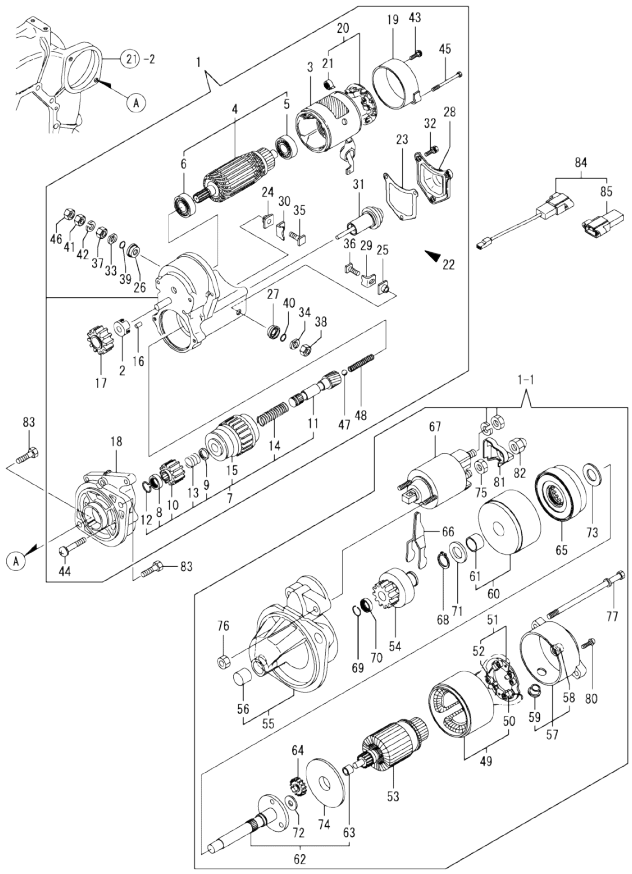
Fig.33. STARTING MOTOR

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119620-77011	STARTER	1	1						
1-1	1	119255-77010	STARTER	1	1					F	1
	(A=*2000.07.)		(B=*2000.07.)								
2	2	X0280630011	RETAINER	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
3	2	X0281003751	YOKE ASSY	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
4	2	X0282001531	ARMATURE ASSY	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
5	3	X9491001360	BEARING	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
6	3	X9491001860	BEARING, BALL	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
7	2	X0283005050	CLUTCH, STARTER	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
8	3	X0280210230	NUT	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
9	3	X0283270140	RETAINER	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
10	3	X0283715030	PINION, STARTER	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
11	3	X0283810040	SHAFT	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
12	3	X9490721080	RING	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
13	3	X9491703371	SPRING, COIL	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
14	3	X9491704260	SPRING	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
15	3	121120-77930	CASE ASSY, STARTER	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
16	2	X0283060061	ROLLER	5	5					Z	
	(A=*2000.07.)		(B=*2000.07.)								
17	2	X0283711420	PINION	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
18	2	X0284004910	HOUSING	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
19	2	X0285040631	FRAME ASSY	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
20	2	X0285100460	HOLDER ASSY, BRUSH	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
21	3	X9491730461	SPRING	4	4					Z	
	(A=*2000.07.)		(B=*2000.07.)								
22	2	X0534006460	SWITCH	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
23	3	X0534040320	GASKET	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
24	3	X0534490120	BUSH	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								
25	3	X0534490120	BUSH	1	1					Z	
	(A=*2000.07.)		(B=*2000.07.)								

Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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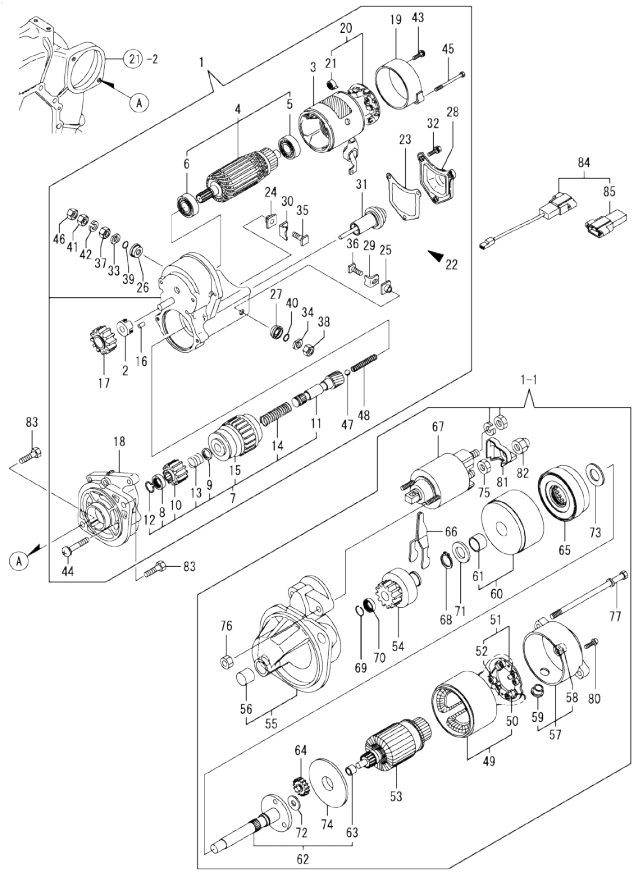
Fig.33. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
26	3	X0534490230	BUSH	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
27	3	X0534490230	BUSH	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
28	3	X0535050620	COVER	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
29	3	X0535130241	PLATE	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
30	3	X0535130320	PLATE	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
31	3	X0536600401	PLUNGER	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
32	3	X9151005141	BOLT	3	3					Z	
	(A=*2000.07.)	(B=*2000.07.)									
33	3	X9490170900	WASHER	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
34	3	X9490170900	WASHER	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
35	3	X9490441303	BOLT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
36	3	X9490441312	BOLT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
37	3	X9490502820	NUT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
38	3	X9490502820	NUT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
39	3	X9491402100	O-RING	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
40	3	X9491402100	O-RING	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
41	2	X9019008651	NUT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
42	2	X9025808001	WASHER	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
43	2	X9490071810	SCREW	2	2					Z	
	(A=*2000.07.)	(B=*2000.07.)									
44	2	X9490071970	SCREW	2	2					Z	
	(A=*2000.07.)	(B=*2000.07.)									
45	2	X9490423330	BOLT	2	2					Z	
	(A=*2000.07.)	(B=*2000.07.)									
46	2	X9490561370	NUT	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
47	2	X9491200240	BALL	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
48	2	X9491703380	SPRING	1	1					Z	
	(A=*2000.07.)	(B=*2000.07.)									
49	2	X0281007680	YOKE ASSY	1	1					W	
	(A=*2000.07.)	(B=*2000.07.)									
50	3	X0280996180	STARTER KIT	2	2					W	
	(A=*2000.07.)	(B=*2000.07.)									
51	2	X0285105190	HOLDER ASSY	1	1					W	

N:Old ←Yes/No→ New. O:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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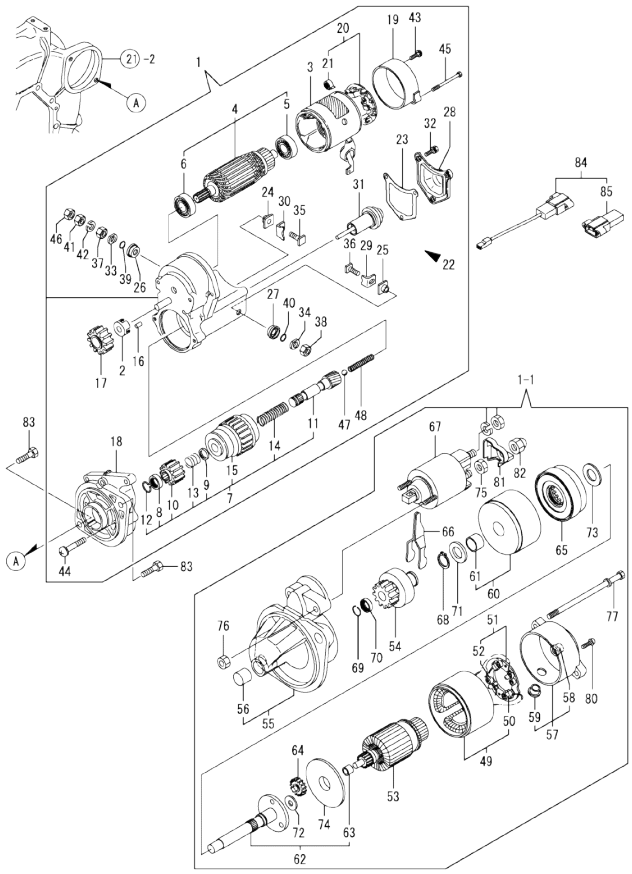
Fig.33. STARTING MOTOR



(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=*2000.07.) (B=*2000.07.)									
52	3	X0285205030	SPRING	4	4					W	
		(A=*2000.07.) (B=*2000.07.)									
53	2	X0282005871	ARMATURE ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
54	2	X0283006960	CLUTCH ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
55	2	X2284005750	HOUSING ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
56	3	X9491050100	BEARING, NEEDLE	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
57	2	X0285005770	FRAME ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
58	3	X9491040990	BEARING	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
59	3	X0280626010	COVER	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
60	2	X0284105010	BEARING ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
61	3	X9491034330	BEARING	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
62	2	X0286105010	SHAFT ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
63	3	X9491034320	BEARING	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
64	2	X0286305010	GEAR	3	3					W	
		(A=*2000.07.) (B=*2000.07.)									
65	2	X0286355010	GEAR	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
66	2	X0287405140	LEVER	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
67	2	X0534007800	SWITCH ASSY	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
68	2	X9055715000	RING	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
69	2	X9490721360	RING	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
70	2	X0280210331	NUT	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
71	2	X9490138110	WASHER	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
72	2	X9490138090	WASHER	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
73	2	X9490138100	WASHER	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
74	2	X0284525010	PLATE	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
75	2	X9490562360	NUT	1	1					W	
		(A=*2000.07.) (B=*2000.07.)									
76	2	X9490560750	NUT	2	2					W	
		(A=*2000.07.) (B=*2000.07.)									

Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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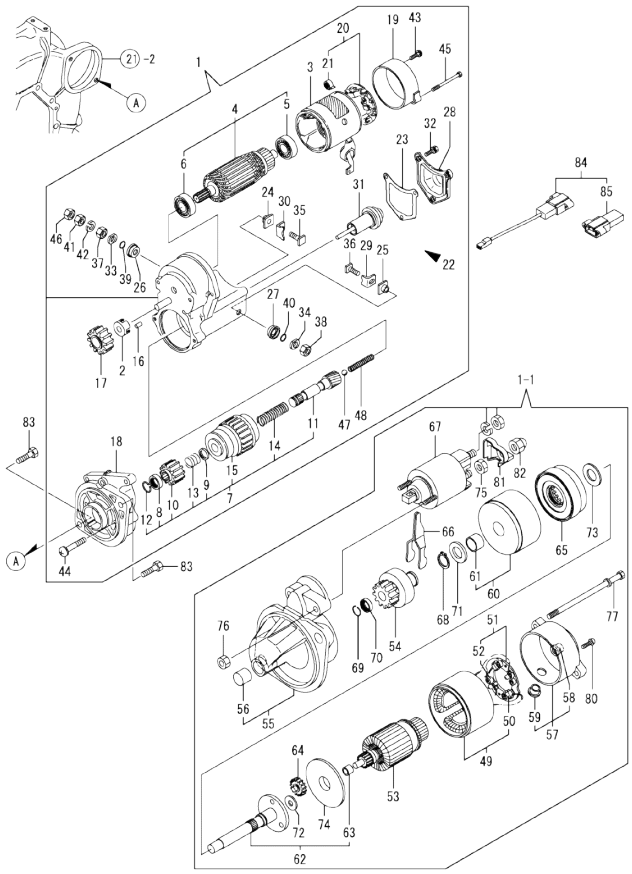
Fig.33. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 84 Interchangeable by set.

(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
77	2	X9490423520	BOLT, THROUGH	2	2					W	
	(A=*2000.07.)	(B=*2000.07.)									
80	2	X9490065670	SCREW, M4X6	2	2					W	
	(A=*2000.07.)	(B=*2000.07.)									
81	2	X0280335360	COVER, TERMINAL	1	1					W	
	(A=*2000.07.)	(B=*2000.07.)									
82	2	X1289510130	NUT	1	1					W	
	(A=*2000.07.)	(B=*2000.07.)									
83	1	26116-120252	BOLT, M12X 25 PLATED	2	2						
84	1	129052-77951	CONNECTOR, STARTER	1	1					W	1
	(A=*2000.07.)	(B=*2000.07.)									
85	2	129052-77960	HOUSING	1	1					W	1
	(A=*2000.07.)	(B=*2000.07.)									

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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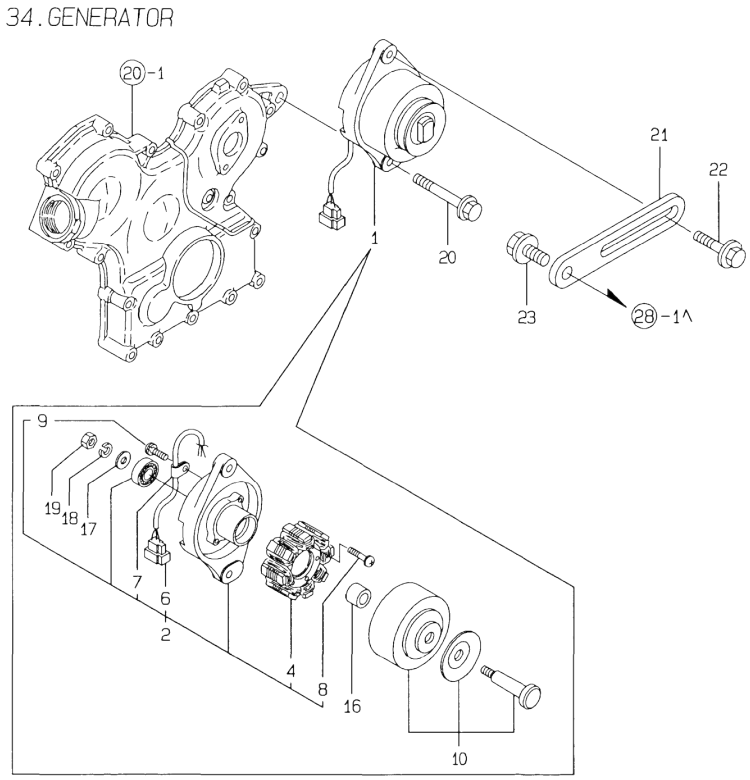
Fig.34. GENERATOR



(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1	1						
2	2	XM08137	PLATE ASSY	1	1						
4	3	XM08180	STATOR SET	1	1						
6	3	XM17878	COUPLER	1	1						
7	3	XM36410	CLAMP	1	1						
8	3	26022-040252	SCREW, M4X25	2	2						
9	3	XYSPS4008	SCREW	1	1						
10	2	XM82184	FLYWHEEL ASSY	1	1						
16	2	106383-44720	SPACER	1	1						
17	2	106383-44730	WASHER	1	1						
18	2	22212-100000	SPRING WASHER 10	1	1						
19	2	26716-100002	NUT, M10	1	1						
20	1	26106-100402	BOLT, M10X 40 PLATED	1	1						
21	1	119600-77330	ADJUSTER	1	1						
22	1	26014-080252	BOLT, M8X 25	1	1						
23	1	26106-080162	BOLT, M8X 16 PLATED	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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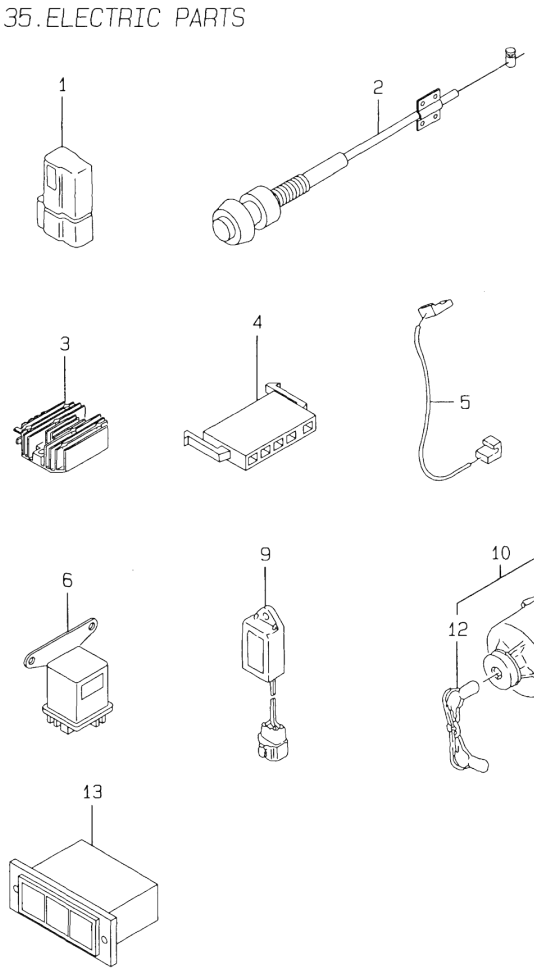
Fig.35. ELECTRICAL PARTS



(A)=3TNE74-GB2 (D)=
(B)=3TNE74-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119643-66900	DIODE	1	1						
2	1	170022-67100	CABLE, PUSH-PULL		1						
3	1	119660-77710	LIMITER, CURRENT 15A	1	1						
3-1	1	119660-77711	LIMITER, CURRENT 15A	1	1					N	
	(A=E40670)		(B=E40472)								
4	1	171301-77720	COUPLER	1	1						
5	1	119643-77900	CONNECTOR, STARTER	1	1						
6	1	119650-77910	RELAY ASSY, GLOW	1	1						
9	1	119632-77920	TIMER	1	1						
10	1	129115-91250	SWITCH ASSY	1	1						
12	2	129115-91270	KEY ASSY	1	1						
13	1	170038-91310	LAMP	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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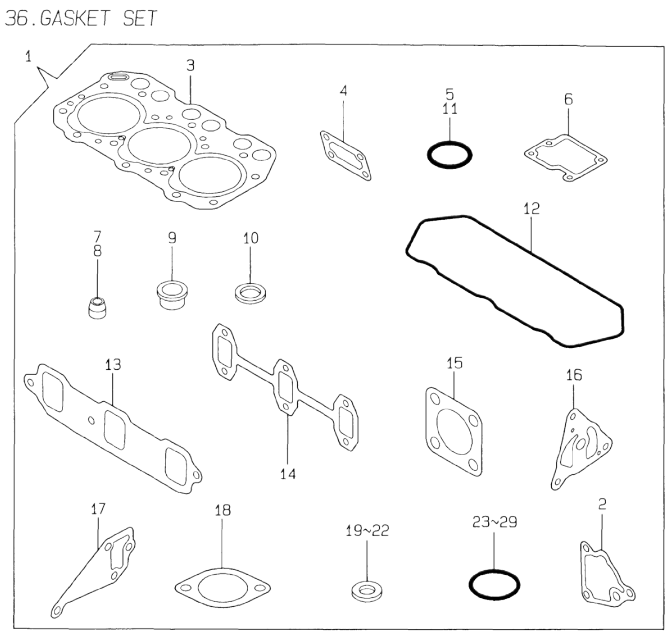
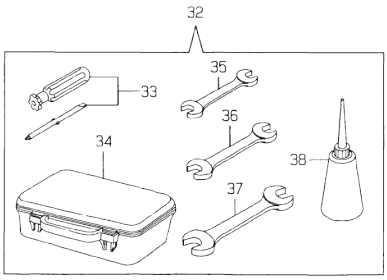
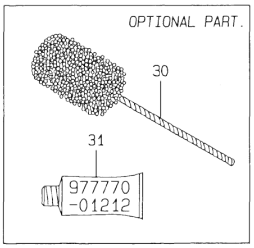
Fig.36. GASKET SET & TOOLS

(A)=3TNE74-GB2
(B)=3TNE74-GB2S
(C)=
(D)=
(E)=
(F)=







No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719623-92640	GASKET SET	1	1						1
2	2	119660-35113	GASKET	1	1						
3	2	119623-01330	GASKET, HEAD	1	1						
4	2	119660-01562	GASKET	1	1						
5	2	24311-000320	O-RING, 1AP32.0	1	1						
6	2	119620-03031	GASKET	1	1						
7	2	124950-11340	SEAL, VALVE STEM	3	3						
8	2	124160-11340	SEAL, VALVE STEM	3	3						
9	2	119600-11450	PROTECTOR, NOZZLE	3	3						
10	2	119600-11460	GASKET, NOZZLE	6	6						
11	2	24311-000320	O-RING, 1AP32.0	1	1						
12	2	119620-11310	GASKET, BONNET	1	1						
13	2	119620-12111	GASKET, MANIFOLD	1	1						
14	2	119620-13110	GASKET	1	1						
15	2	121000-13201	GASKET, SILENCER	2	2						
16	2	119660-32020	GASKET, PUMP	1	1						
17	2	119620-42020	GASKET, WATER PUMP	1	1						
18	2	129350-49541	GASKET	1	1						
19	2	124465-44950	GASKET, 16	2	2						
20	2	104200-59170	GASKET, 12	2	2						
21	2	23414-140000	GASKET, 14X1.0	3	3						
22	2	22190-080002	WASHER, SEAL 6	4	4						
23	2	24311-000120	O-RING, 1AP12.0	4	4						
24	2	129155-61830	O-RING, S10	3	3						
25	2	24341-000240	O-RING, 1AS24.0	1	1						
26	2	24311-000160	O-RING, 1AP16.0	1	1						
27	2	119209-35030	O-RING, P11	1	1						
28	2	24321-000600	O-RING, 1AG60.0	1	1						
29	2	24321-000700	O-RING, 1AG70.0	1	1						
30	1	129400-92410	HONE	1	1						1
31	1	977770-01212	GASKET, LIQUID	1	1						1
32	1	721400-92102	BOX ASSY, TOOL	1	1						
33	2	104200-92350	DRIVER, SCREW	1	1						
34	2	104200-92600	BOX, TOOL	1	1						
35	2	28110-100120	SPANNER, 10X12	1	1						
36	2	28110-140170	SPANNER, 14X17	1	1						
37	2	28110-190220	SPANNER, 19X22	1	1						
38	2	28210-000140	OILER	1	1						

Remarks
(1) OPTIONAL PART.

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

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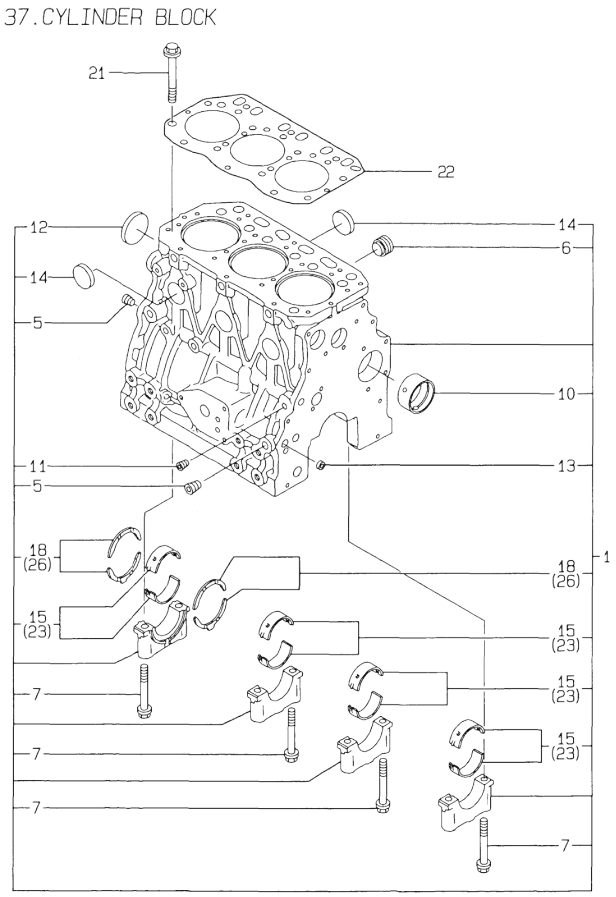
Fig.37. CYLINDER BLOCK



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

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729002-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	124160-01910	PLUG, PT1/4	3	3						
6	2	171051-01921	PLUG, NPTF1	1	1						
7	2	129150-02020	BOLT, METAL CAP	8	8						
10	2	129795-02411	BUSH, CAMSHAFT	1	1						
11	2	23871-010000	PLUG, R01	1	1						
12	2	27231-500000	PLUG 50	1	1						
13	2	27241-120000	PLUG, 12	2	2						
14	2	27241-300000	PLUG 30	6	6						
15	2	129001-02800	BEARING, MAIN	4	4						
18	2	129150-02930	BEARING, THRUST	2	2						
21	1	129150-01200	BOLT, HEAD	14	14						
22	1	129002-01331	GASKET, HEAD	1	1						
23	1	129150-02870	BEARING, 0.25 US	4	4						1
26	1	129150-02940	BEARING, THRUST 0.25	2	2						2

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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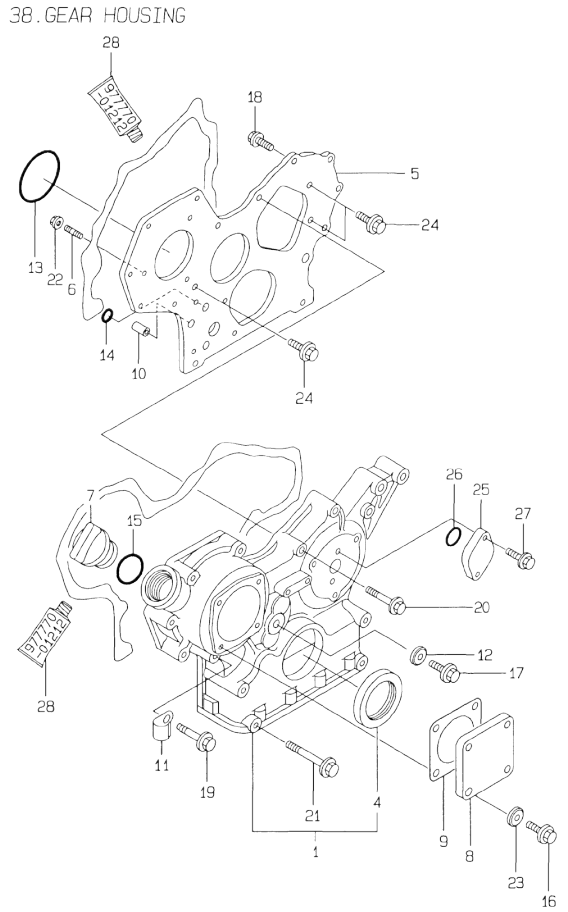
Fig.38. GEAR HOUSING



(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719810-01500	CASE ASSY, GEAR	1	1						
4	2	129795-01800	SEAL, OIL	1	1						
5	1	129400-01520	FLANGE, GEAR CASE	1	1						
6	1	121450-01560	STUD, M8X22	3	3						
7	1	124160-01751	COVER, FILLER	1	1						
8	1	124240-01871	COVER	1	1						
9	1	124240-01883	GASKET	1	1						
10	1	129795-01950	PIPE, KNOCK L=18	2	2						
11	1	129150-03100	RETAINER, PIPE	1	1						
12	1	22190-080002	WASHER, SEAL 6	1	1						
13	1	121850-51960	O-RING	1	1						
14	1	24311-000160	O-RING, 1AP16.0	2	2						
15	1	24311-000320	O-RING, 1AP32.0	1	1						
16	1	26106-080122	BOLT, M8X 12 PLATED	4	4						
17	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
18	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
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	4						
22	1	26366-080002	NUT, M8	3	3						
23	1	22190-080002	WASHER, SEAL 6	4	4						
24	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
25	1	121023-01550	COVER	1	1						
26	1	24341-000240	O-RING, 1AS24.0	1	1						
27	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
28	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

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

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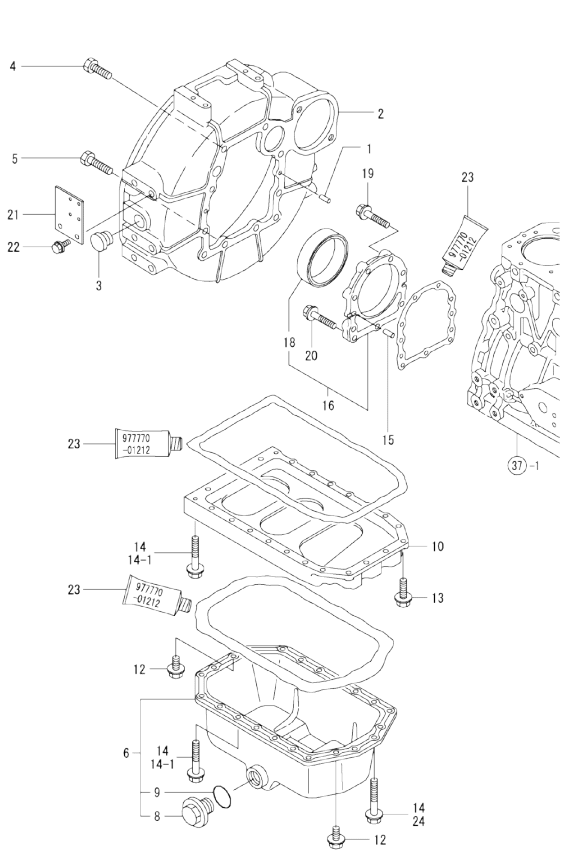
Fig.39. FLYWHEEL HOUSING & OIL SUMP

(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2	2						
2	1	129612-01600	HOUSING, FLYWHEEL	1	1						
3	1	119620-01750	CAP	1	1						
4	1	26206-100252	BOLT, M10X 25 PLATED	6	6						
5	1	26206-100302	BOLT, M10X 30 PLATED	4	4						
6	1	129100-01760	SUMP ASSY, OIL	1	1						
8	2	171301-01640	PLUG, 22	1	1						
9	2	24341-000250	O-RING, 1AS25.0	1	1						
10	1	129100-01730	SPACER, OIL SUMP	1	1						
12	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
13	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
14	1	26106-080452	BOLT, M8X 45 PLATED	20	20						
14-1	1	26106-080452	BOLT, M8X 45 PLATED	16	16					K	
	(A=FROM 1ST)	(B=FROM 1ST)									
15	1	129100-01580	PIN, M8X16	2	2						
16	1	129100-01640	CASE ASSY, OIL SEAL	1	1						
18	2	129795-01780	SEAL, OIL	1	1						
19	1	129486-01670	BOLT, M8X30	6	6						
20	1	26106-080352	BOLT, M8X 35 PLATED	3	3						
21	1	129111-67010	SUPPORT, WIRE	1	1						
22	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
23	1	977770-01212	GASKET, LIQUID	1	1						1
24	1	26106-080502	BOLT, M8X 50 PLATED	4	4					W	
	(A=FROM 1ST)	(B=FROM 1ST)									

Remarks
(1) OPTIONAL PART.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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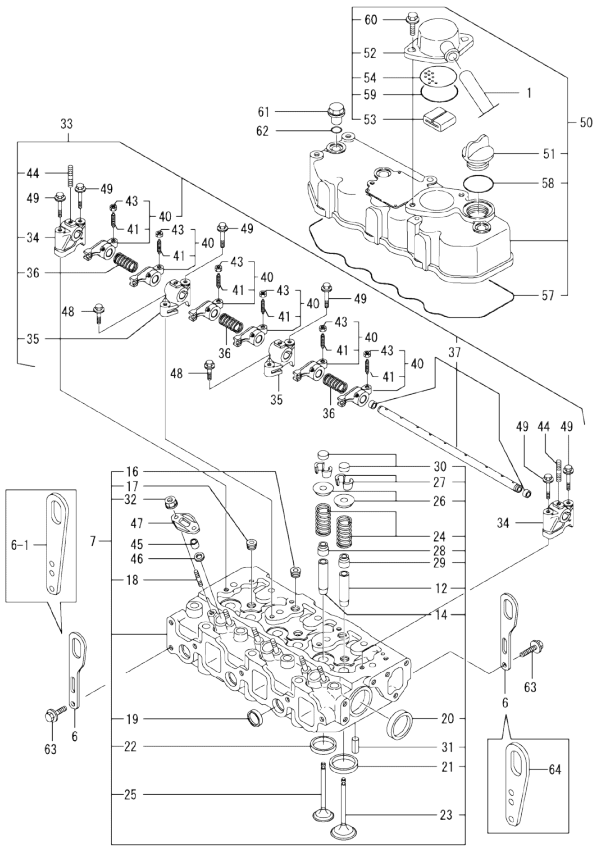
Fig.40. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171350-03090	PIPE , BREATHER 900	1	1						
6	1	124736-07900	LIFTER	2	2						
6-1	1	129900-07900	LIFTER	1	1					N	
	(A=*2009.08)	(B=*2009.08)									
7	1	729202-11710	HEAD ASSY, CYLINDER	1	1						
12	2	120130-11860	GUIDE, VALVE	3	3						1
14	2	129150-11810	GUIDE, VALVE	3	3						1
16	2	23871-020000	PLUG, R02	2	2						
17	2	23871-030000	PLUG, R03	3	3						
18	2	26216-060202	STUD, M6X 20	6	6						
19	2	27241-220000	PLUG, 22	3	3						
20	2	27241-400000	PLUG, 40	2	2						
21	2	129470-11080	SEAT, INTAKE VALVE	3	3						
22	2	129470-11090	SEAT, EXHAUST VALVE	3	3						
23	2	129100-11100	VALVE, INTAKE	3	3						
24	2	129795-11120	SPRING, VALVE	6	6						
25	2	129100-11130	VALVE, EXHAUST	3	3						
26	2	129795-11180	RETAINER, SPRING	6	6						
27	2	27310-080001	COTTER, 8	6	6						
28	2	121400-11340	SEAL, VALVE STEM	3	3						
29	2	124460-11340	SEAL, VALVE STEM	3	3						
30	2	129150-11370	CAP, VALVE	6	6						
31	2	22351-060012	PIN, SPRING 6.0X12	2	2						
32	2	26366-060002	NUT, M6	6	6						
33	1	129155-11241	SHAFT ASSY, ROCKER	1	1						
34	2	129155-11260	SUPPORT, ROCKER ARM	2	2						
35	2	129155-11270	SUPPORT, ROCKER ARM	2	2						
36	2	129150-11280	SPRING	3	3						
37	2	129150-11290	SHAFT, ROCKER ARM	1	1						
40	2	729402-11650	ARM ASSY, ROCKER	6	6						
41	3	129150-11230	SCREW, VALVE ADJUST	6	6						
43	3	129150-11750	NUT, M8	6	6						
44	2	26226-080182	STUD, M8X 18	3	3						
45	1	119625-11870	PROTECTOR, NOZZLE	3	3						
46	1	119625-11880	SEAT, NOZZLE	3	3						
47	1	119625-11900	RETAINER, NOZZLE	3	3						
48	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
49	1	26106-080502	BOLT, M8X 50 PLATED	6	6						
50	1	129100-11350	BONNET ASSY, HEAD	1	1						
51	2	124160-01751	COVER, FILLER	1	1						
52	2	129150-03020	COVER, BREATHER	1	1						
53	2	129150-03070	BAFFLE, BREATHER	1	1						
54	2	129150-03080	PLATE, BAFFLE	1	1						
57	2	129150-11310	GASKET, BONNET	1	1						
58	2	24311-000320	O-RING, 1AP32.0	1	1						
59	2	24341-000500	O-RING, 1AS50.0	1	1						
60	2	26106-080162	BOLT, M8X 16 PLATED	2	2						
61	1	124160-11360	KNOB	3	3						
62	1	24311-000120	O-RING, 1AP12.0	3	3						
63	1	26106-080142	BOLT, M8X 14 PLATED	4	4						
64	1	119226-07900	LIFTER	1	1					W	

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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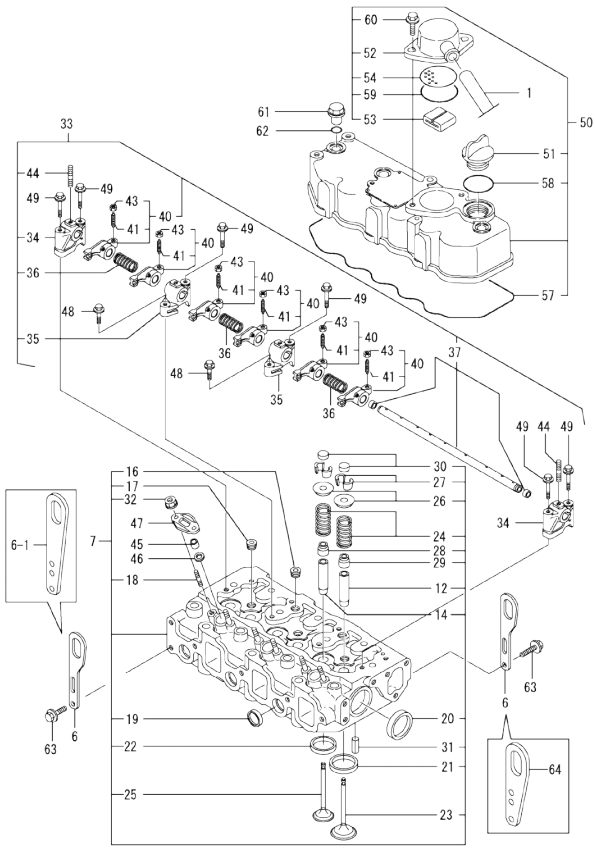
Fig.40. CYLINDER HEAD & BONNET

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=*2009.06)	(B=*2009.06)								



Remarks
(1) REPAIR PART.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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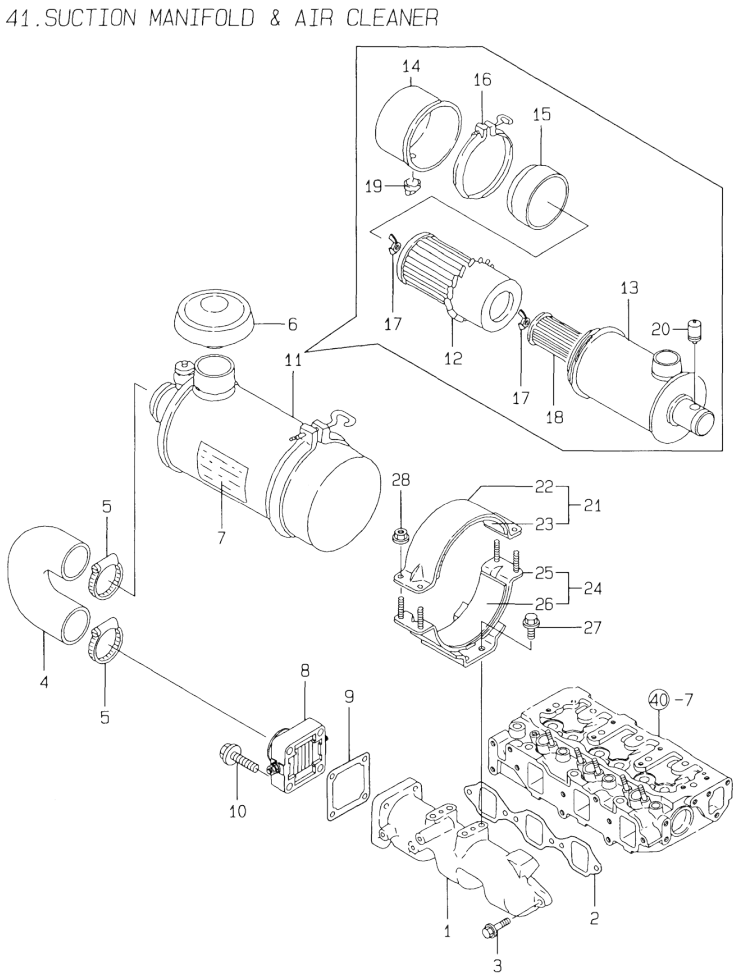
Fig.41. SUCTION MANIFOLD & AIR CLEANER



(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129122-12100	MANIFOLD, AIR INTAKE	1	1						
2	1	129150-12111	GASKET, MANIFOLD	1	1						
3	1	26106-080252	BOLT, M8X 25 PLATED	4	4						
4	1	171351-12210	PIPE, AIR INTAKE	1	1						
5	1	23000-060000	CLAMP, 60	2	1						
6	1	121521-12400	CAP, RAIN	1							
7	1	171064-12600	LABEL, AIR CLEANER	1	1						
8	1	129120-77501	HEATER	1	1						
9	1	129150-77511	GASKET	1	1						
10	1	26106-080352	BOLT, M8X 35 PLATED	4	4						
11	1	121521-12500	CLEANER ASSY, AIR	1	1						
12	2	121420-12511	ELEMENT	1	1						
13	2	171061-12520	BODY ASSY	1	1						
14	2	121422-12530	CUP	1	1						
15	2	121420-12540	SCARF, BAFFLE	1	1						
16	2	121420-12550	CLAMP ASSY	1	1						
17	2	121420-12561	NUT, WING	2	2						
18	2	121422-12570	ELEMENT	1	1						
19	2	121422-12580	VALVE, UNLOADER	1	1						
20	2	126650-12680	INDICATOR	1	1						
21	1	121400-12540	BAND ASSY, CLEANER	1	1						
22	2	121400-12560	BAND, AIR CLEANER	1	1						
23	2	121400-12570	SEAT, RUBBER B	1	1						
24	1	171351-12580	SUPPORT ASSY,CLEANER	1	1						
25	2	171351-12560	SUPPORT, AIR CLEANER	1	1						
26	2	171351-12570	SEAT, RUBBER	1	1						
27	1	26106-080142	BOLT, M8X 14 PLATED	4	4						
28	1	26366-060002	NUT, M6	4	4						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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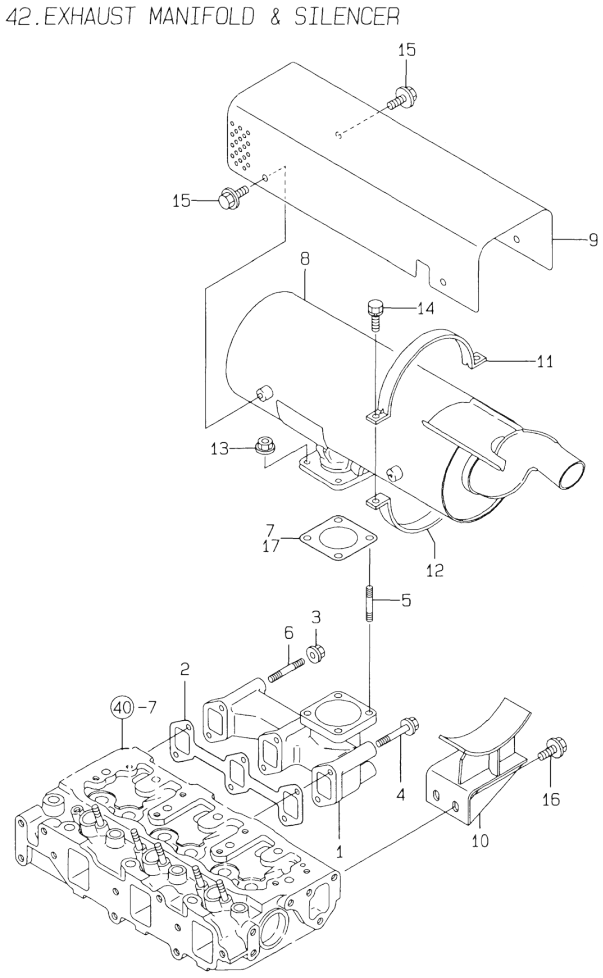
Fig.42. EXHAUST MANIFOLD & SILENCER



(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171350-13100	MANIFOLD, EXHAUST	1	1						
2	1	129150-13110	GASKET	1	1						
3	1	26366-080002	NUT, M8	2	2						
4	1	26106-080802	BOLT, M8X 80 PLATED	4	4						
5	1	119131-18320	STUD, M8X22	4	4						
6	1	26216-080802	STUD, M8X 80	2	2						
7	1	124701-11911	GASKET, SILENCER	1							
8	1	129111-13500	SILENCER	1							
9	1	129111-13600	COVER, SILENCER	1							
10	1	129111-13650	STAY, SILENCER	1							
11	1	129111-13670	BAND, SILENCER	1							
12	1	129111-13680	BAND, SILENCER	1							
13	1	26366-080002	NUT, M8	4							
14	1	26014-080302	BOLT, M8X 30	2							
15	1	26106-080122	BOLT, M8X 12 PLATED	4							
16	1	26106-080142	BOLT, M8X 14 PLATED	2							
17	1	124701-11911	GASKET, SILENCER		1						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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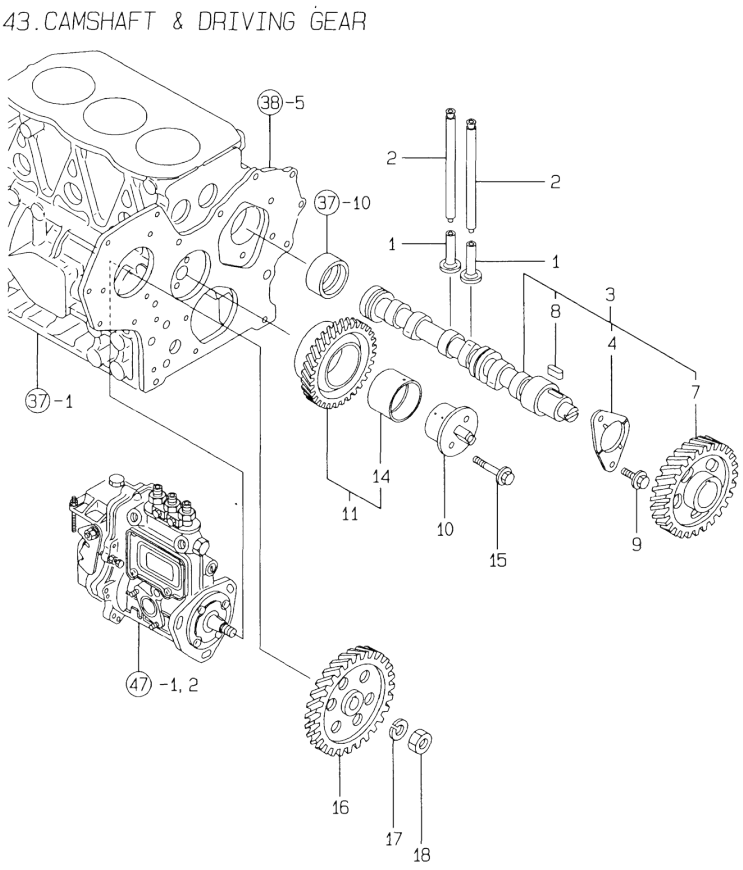
Fig.43. CAMSHAFT & DRIVING GEAR



(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-14200	TAPPET	6	6						
2	1	129150-14400	ROD, PUSH L=178	6	6						
3	1	129129-14580	CAMSHAFT ASSY	1	1						
4	2	129150-02450	BEARING, THRUST	1	1						
7	2	129150-14101	GEAR, CAMSHAFT	1	1						
8	2	22512-070140	KEY, 7X 14	1	1						
9	1	26106-080142	BOLT, M8X 14 PLATED	2	2						
10	1	129100-25061	SHAFT, IDLE	1	1						
11	1	129150-25101	GEAR ASSY, IDLE	1	1						
14	2	129150-25920	BUSH, IDLE GEAR	1	1						1
15	1	26106-080452	BOLT, M8X 45 PLATED	2	2						
16	1	129100-25900	GEAR, PUMP	1	1						
17	1	22217-120000	WASHER, SPRING 12	1	1						
18	1	26716-120002	NUT, M12	1	1						

Remarks
(1) REPAIR PART.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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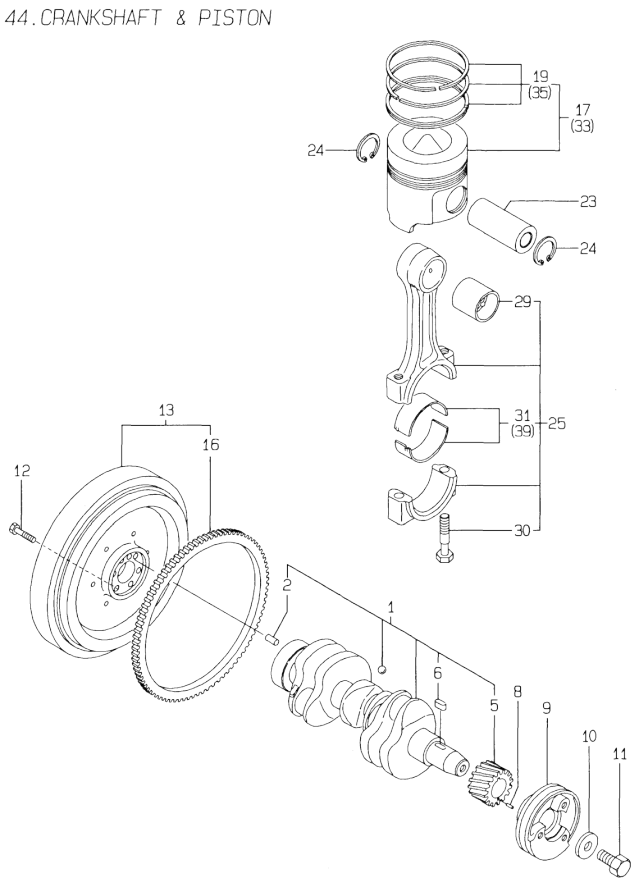
Fig.44. CRANKSHAFT & PISTON



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

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129001-21000	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
5	2	129150-21200	GEAR, CRANKSHAFT	1	1						
6	2	22512-070140	KEY, 7X 14	1	1						
8	1	22351-040010	PIN, SPRING 4.0X10	1	1						
9	1	171340-21650	V-PULLEY	1	1						
10	1	129795-21661	WASHER	1	1						
11	1	121850-21680	BOLT	1	1						
12	1	121111-21501	BOLT, FLYWHEEL	6	6						
13	1	171340-21580	FLYWHEEL ASSY	1	1						
16	2	119865-21600	GEAR, RING	1	1						
17	1	129002-22090	PISTON ASSY	3	3						
19	2	129002-22510	RING SET, PISTON	3	3						
23	1	129202-22300	PIN, PISTON D26 L70	3	3						
24	1	22252-000260	RING, 26	6	6						
25	1	729402-23100	ROD ASSY, CONNECTING	3	3						
29	2	129100-23910	BEARING, PISTON PIN	3	3						1
30	2	121550-23200	BOLT, CONNECTING ROD	6	6						
31	2	129150-23600	BEARING, CRANK PIN	3	3						
33	1	129002-22900	PISTON ASSY, 0.25 OS	3	3						2
35	2	129002-22950	RING SET, 0.25 OS	3	3						2
39	1	129150-23610	BEARING, 0.25 US	3	3						3

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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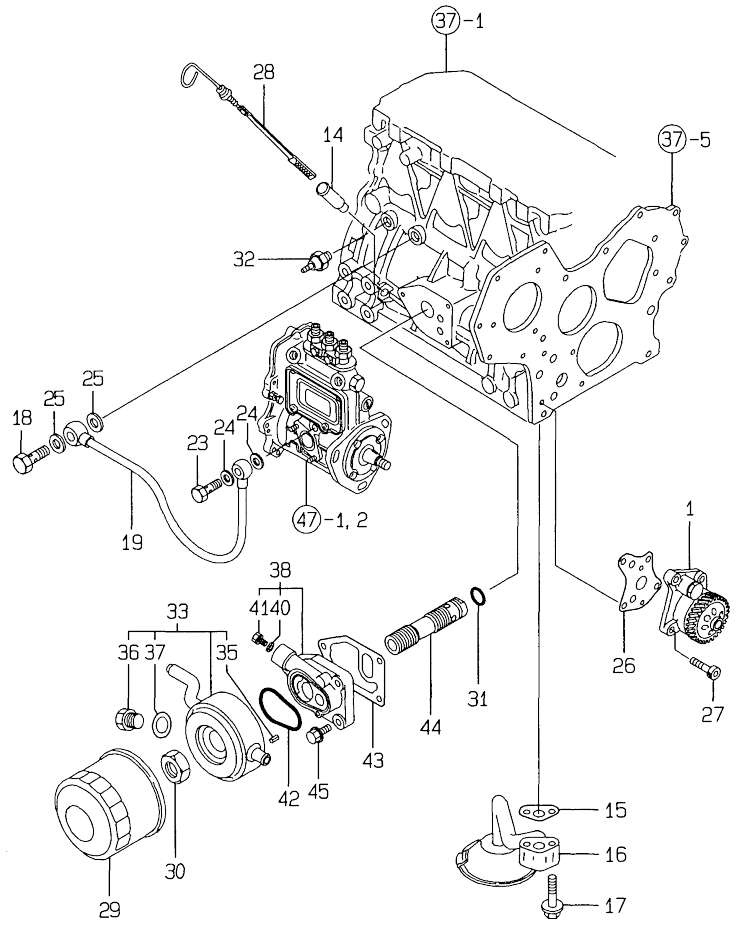
Fig.45. LUB. OIL SYSTEM

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129001-32001	PUMP ASSY, OIL	1	1						
14	1	121520-34810	GUIDE, DIPSTICK	1	1						
15	1	129150-35041	GASKET	1	1						
16	1	129100-35301	PIPE ASSY, OIL INLET	1	1						
17	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
18	1	124160-39140	BOLT, PIPE JOINT M10	1	1						
19	1	129150-39450	PIPE ASSY, OIL	1	1						
23	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
24	1	23414-080000	GASKET, 8X1.0	2	2						
25	1	23414-100000	GASKET, 10X1.0	2	2						
26	1	129150-32020	GASKET, PUMP	1	1						
27	1	26450-060252	BOLT, M6X 25	4	4						
28	1	171420-34820	DIPSTICK, OIL	1	1						
29	1	129150-35151	FILTER, D80XL80	1	1						
30	1	129150-35350	NUT	1	1						
31	1	24311-000160	O-RING, 1AP16.0	1	1						
32	1	124160-39450	SWITCH, 0.5KG	1	1						
33	1	129012-33000	COOLER ASSY, OIL	1	1						
35	2	129120-33040	PIN	2	2						
36	2	129120-33051	PLUG, DRAIN	1	1						
37	2	129120-33060	GASKET	1	1						
38	1	129120-35001	BRACKET ASSY	1	1						
40	2	23414-100000	GASKET, 10X1.0	1	1						
41	2	23881-100002	PLUG, 10	1	1						
42	1	129120-35110	GASKET	1	1						
43	1	129120-35121	GASKET	1	1						
44	1	129407-35300	BOLT, FILTER	1	1						
45	1	26106-080252	BOLT, M8X 25 PLATED	3	3						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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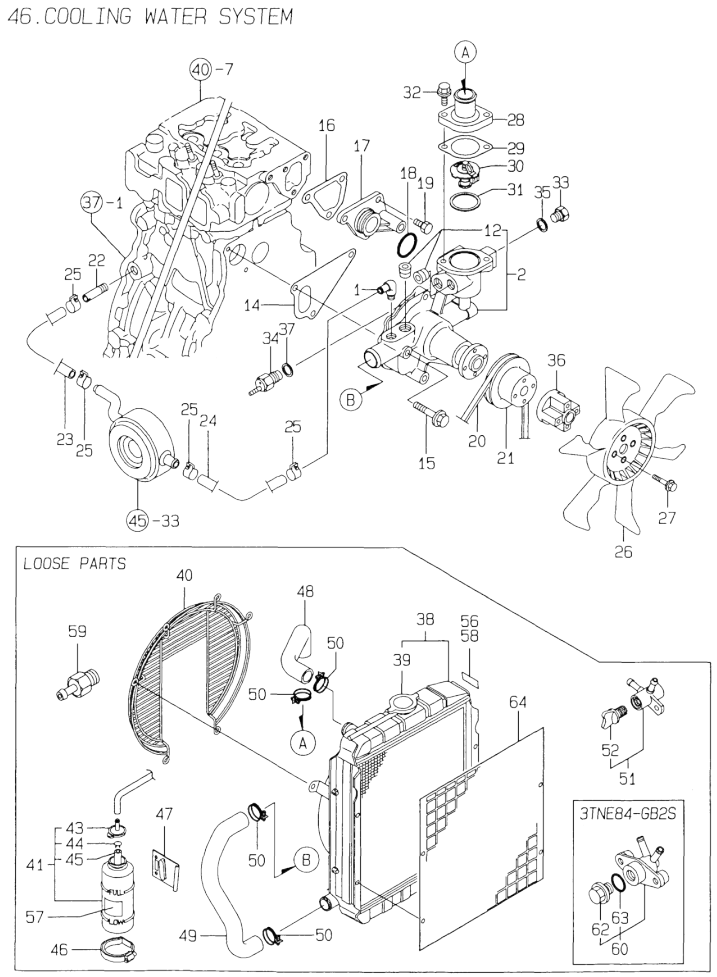
Fig.46. COOLING WATER SYSTEM



(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129103-49301	ELBOW, PT1/4	1	1						
2	1	129001-42002	PUMP ASSY, WATER	1	1						
12	2	23871-030000	PLUG, R03	2	2						
14	1	129100-42020	GASKET, WATER PUMP	1	1						
15	1	26106-080602	BOLT, M8X 60 PLATED	3	3						
16	1	129100-49840	GASKET	1	1						
17	1	129001-42040	JOINT	1	1						
18	1	24321-000300	O-RING, 1AG30.0	1	1						
19	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
20	1	25132-003800	V-BELT, A38	1	1						
21	1	129403-42380	V-PULLEY, D=110	1	1						
22	1	129122-44480	JOINT	1	1						
23	1	129012-49030	HOSE, WATER	1	1						
24	1	129403-49050	PIPE, WATER	1	1						
25	1	23000-022000	CLAMP, 22	4	4						
26	1	171340-44740	FAN, COOLING D335XNF	1	1						
27	1	26106-060352	BOLT, M6X 35 PLATED	4	4						
28	1	129350-49560	COVER, THERMOSTAT	1	1						
29	1	129795-49551	GASKET	1	1						
30	1	129155-49800	THERMOSTAT, 71	1	1						
31	1	129150-49811	GASKET, THERMOSTAT	1	1						
32	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
33	1	121450-42450	PLUG, M16	1	1						
34	1	121250-44901	SWITCH, 110	1	1						
35	1	124465-44950	GASKET, 16	1	1						
36	1	171353-44760	SPACER, FAN	1	1						
37	1	124465-44950	GASKET, 16	1	1						
38	1	129120-44500	RADIATOR	1	1						
39	2	123682-44210	CAP, RADIATOR	1	1						
40	1	129120-44560	PROTECTOR, FAN	1	1						
41	1	124450-44510	TANK ASSY, SUB	1	1						
43	2	124450-44530	CAP	1	1						
44	2	124450-44560	RETAINER	1	1						
45	2	23061-070230	PIPE, 7X 230	1	1						
46	1	124450-44550	BAND	1	1						
47	1	121256-44600	BRACKET, SUB TANK	1	1						
48	1	171301-49010	PIPE, WATER	1	1						
49	1	129211-49020	PIPE, WATER	1	1						
50	1	23010-038000	CLAMP, 38	4	4						
51	1	129150-49100	COCK ASSY, 3-WAY	1							
52	2	129150-49080	COCK, DRAIN	1							
56	1	124764-44800	LABEL, RADIATOR	1	1						
57	1	124764-44810	LABEL, SUB TANK	1	1						
58	1	121400-44910	LABEL, RADIATOR	1	1						
59	1	129137-49100	JOINT	1	1						
60	1	121450-49110	COCK ASSY, 3-WAY		1						
62	2	121250-49121	PLUG, DRAIN		1						
63	2	24311-000160	O-RING, 1AP16.0		1						
64	1	129111-44590	PROTECTOR	1							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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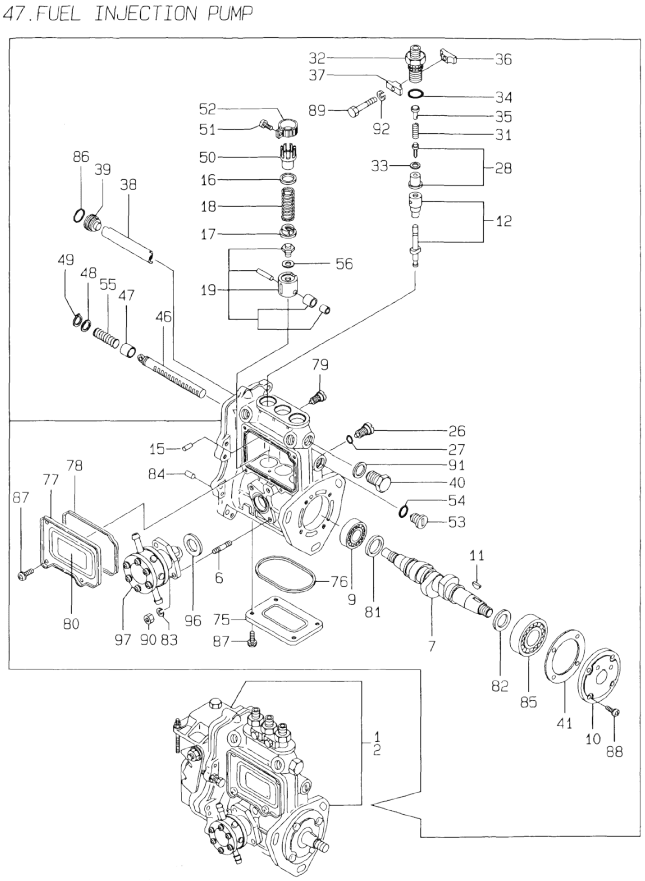
Fig.47. FUEL INJECTION PUMP

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



Remarks
(1)GOVERNOR ASSY(FIG.48)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1,2).

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729002-51400	PUMP ASSY, INJECTION	1							1
2	1	729212-51400	PUMP ASSY, INJECTION		1						1
6	2	129155-51020	STUD	2	2						
7	2	119810-51040	CAMSHAFT	1	1						
9	2	129155-51050	BEARING, 17BM001D	1	1						
10	2	129155-51060	SUPPORT, CAMSHAFT	1	1						
11	2	122710-51090	KEY	1	1						
12	2	129412-51200	PLUNGER ASSY	3	3						
15	2	129155-51140	PIN	3	3						
16	2	174307-51170	RETAINER, SPRING A	3	3						
17	2	129155-51180	RETAINER, SPRING	3	3						
18	2	124950-51190	SPRING, PLUNGER	3	3						
19	2	129155-51200	TAPPET ASSY	3	3						
26	2	129155-51270	STOPPER, TAPPET	3	3						
27	2	129155-51280	O-RING, S6	3	3						
28	2	105300-51300	VALVE ASSY, DELIVERY	3	3						
31	2	129155-51320	SPRING, DELIVERY	3	3						
32	2	129155-51340	RETAINER	3	3						
33	2	124550-51350	GASKET, DELIVERY	3	3						
34	2	124550-51370	O-RING	3	3						
35	2	129155-51370	STOPPER, VALVE	3	3						
36	2	129155-51380	STOPPER	2	2						
37	2	129155-51390	STOPPER	2	2						
38	2	129155-51400	DEFLECTOR	1	1						
39	2	129155-51410	BOLT	1	1						
40	2	129155-51420	PLUG, M16	1	1						
41	2	129155-51450	SHIM SET, ADJUSTING	1	1						
46	2	129155-51500	RACK, CONTROL	1	1						
47	2	129155-51521	BUSH, RACK	1	1						
48	2	129155-51530	SPACER	1	1						
49	2	129155-51540	CIRCLIP	1	1						
50	2	129155-51550	PINION, CONTROL	3	3						
51	2	122117-51560	SCREW	3	3						
52	2	174307-51560	PINION	3	3						
53	2	129155-51570	PLUG, M12	1	1						
54	2	129155-51580	O-RING	1	1						
55	2	129155-51591	SPRING, RACK	1	1						
56	2	129155-51600	SHIM SET, ADJUSTING	3	3						
75	2	129155-51700	COVER	1	1						
76	2	129155-51710	GASKET	1	1						
77	2	129155-51750	COVER	1	1						
78	2	129155-51760	GASKET	1	1						
79	2	129155-51790	STOOPER, RACK	1	1						
80	2	129156-51910	LABEL, CAUTION	1	1						
81	2	129155-51930	SPACER, T=3.25	1	1						
82	2	129155-51940	SPACER, T=1.5	1	1						
83	2	22217-060000	WASHER, SPRING 6	2	2						
84	2	22351-050010	PIN, SPRING 5.0X10	2	2						
85	2	24101-063034	BEARING, BALL 6303	1	1						
86	2	24341-000160	O-RING, 1AS16.0	1	1						
87	2	26022-050102	SCREW, M5X10	8	8						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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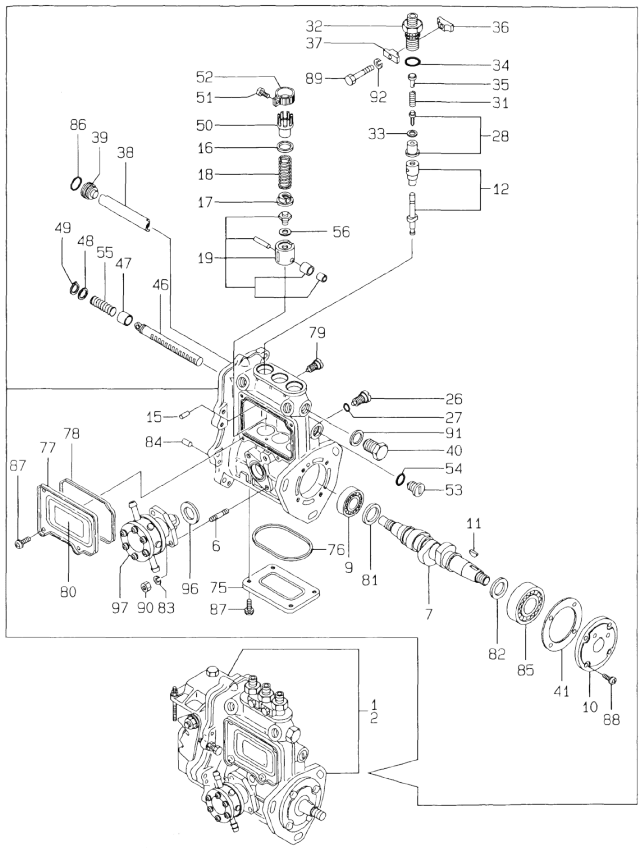
Fig.47. FUEL INJECTION PUMP

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

47.FUEL INJECTION PUMP



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
88	2	26022-060162	SCREW, M6X16	4	4						
89	2	26116-050302	BOLT, M5X 30 PLATED	2	2						
90	2	26716-060002	NUT, M6	2	2						
91	2	22190-160002	WASHER, SEAL 16	1	1						
92	2	22217-050000	WASHER, SPRING 5	2	2						
96	2	129155-52050	GASKET	1	1						
97	2	129100-52100	PUMP ASSY, FUEL FEED	1	1						

Remarks
(1)GOVERNOR ASSY(FIG.48)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1,2).

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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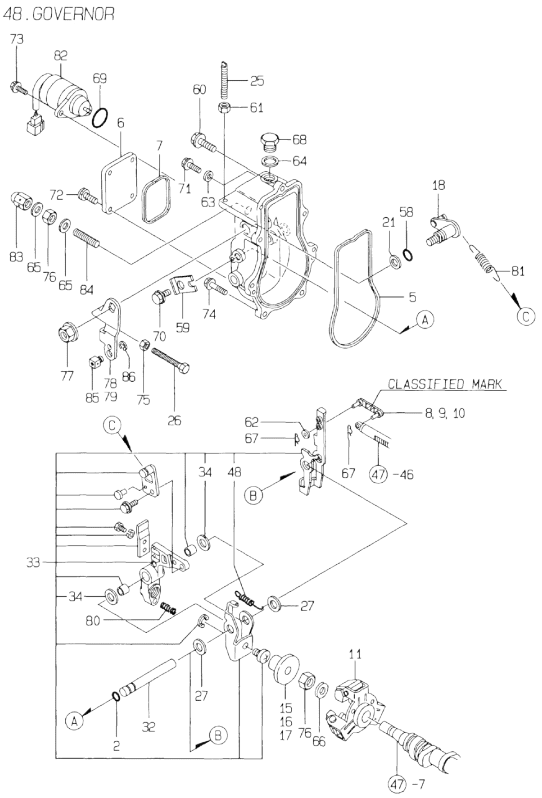
Fig.48. GOVERNOR



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.47).

(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
2	2	129155-51280	O-RING, S6	1	1						
5	2	129052-61050	GASKET	1	1						
6	2	129052-61060	COVER, GOVERNOR CASE	1	1						
7	2	129052-61070	GASKET	1	1						
8	2	129155-61120	LINK, L=30 MARK 0	1	1						1
9	2	129155-61130	LINK, L=31 MARK 1	1	1						1
10	2	129155-61140	LINK, L=30.5 MARK 05	1	1						1
11	2	129155-61201	WEIGHT ASSY,GOVERNOR	1	1						
15	2	129155-61341	SLEEVE	1	1						2
16	2	129155-61350	SLEEVE, L=24.9	1	1						2
17	2	129155-61360	SLEEVE, L=25.2	1	1						2
18	2	129100-61400	SHAFT ASSY	1	1						
21	2	129155-61430	SPACER	1	1						
25	2	129155-61450	BOLT, LIMITER	1	1						
26	2	129155-61460	BOLT, IDLE	1	1						
27	2	129155-61480	SPACER ASSY	2	2						
32	2	129052-61390	SHAFT	1	1						
33	2	129412-61500	LEVER ASSY, GOVERNOR	1	1						
34	3	174307-51700	SHIM SET	2	2						
48	3	119843-61540	SPRING, SET	1	1						
58	2	129155-61830	O-RING, S10	1	1						
59	2	119660-61901	RETAINER, SHAFT	1	1						
60	2	129155-61950	BOLT	1	1						
61	2	124550-66370	NUT, M6	1	1						
62	2	22117-040000	WASHER, 4	1	1						
63	2	22190-060003	SEAL WASER 6	1	1						
64	2	22190-100002	WASHER, SEAL 10	1	1						
65	2	22190-120002	WASHER, SEAL 12	2	2						
66	2	22287-120000	WASHER, 12	1	1						
67	2	22372-040000	PIN, SNAP 4	2	2						
68	2	23887-100002	PLUG, 10	1	1						
69	2	24341-000280	O-RING, 1AS28.0	1	1						
69-1	2	158552-61900	O-RING	1	1						N
	(A=EXXXXX)	(B=EXXXXX)									
70	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
71	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
72	2	26106-060102	BOLT, M6X 10 PLATED	4	4						
73	2	26106-060142	BOLT, M6X 14 PLATED	2	2						
74	2	26106-060202	BOLT, M6X 20 PLATED	6	6						
75	2	26756-060002	NUT, LOCK M6	1	1						
76	2	26776-120002	NUT, LOCK M12	2	2						
77	1	26366-080002	NUT, M8	1	1						
78	1	171488-61440	LEVER, CONTROL	1							
79	1	129100-61440	LEVER, CONTROL		1						
80	1	129500-61650	SPRING, FUEL CONTROL	1	1						
81	1	129500-61700	SPRING, GOVERNOR	1	1						
82	1	119653-77950	SOLENOID, STOP	1	1						
83	1	26687-120002	NUT, CAP M12	1	1						
84	1	129155-61470	BOLT, CONTROL	1	1						
85	1	124756-67510	RETAINER	1	1						
86	1	22272-000070	RING, E- 7	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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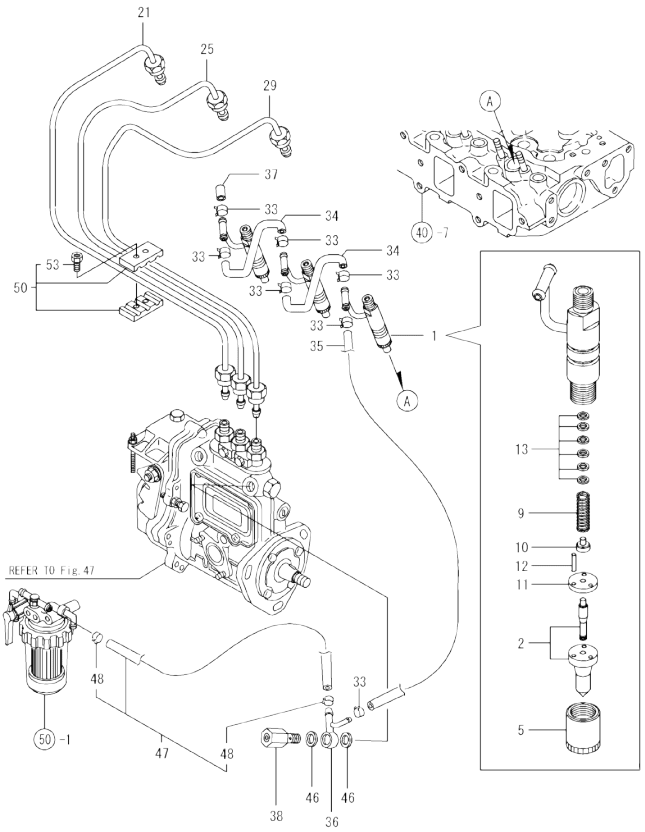
Fig.49. FUEL INJECTION VALVE

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729100-53100	VALVE ASSY,INJECTION	3	3						
2	2	129100-53000	VALVE ASSY,INJECTION	3	3						
5	2	114250-53080	NUT, NOZZLE D16.95	3	3						
9	2	114250-53120	SPRING, NOZZLE	3	3						
10	2	114250-53130	SEAT, SPRING	3	3						
11	2	114250-53140	PLATE	3	3						
12	2	114250-53210	PIN	6	6						
13	2	114250-53400	SHIM SET	3	3						
21	1	129100-59811	PIPE ASSY, INJECTION	1	1						
25	1	129100-59821	PIPE ASSY, INJECTION	1	1						
29	1	129100-59831	PIPE ASSY, INJECTION	1	1						
33	1	124066-59100	CLIP, HOSE 8	7	7						
34	1	121250-59550	PIPE, FUEL D8X120	2	2						
35	1	119840-59560	PIPE, FUEL RETURN	1	1						
36	1	119840-59570	JOINT	1	1						
37	1	129150-59580	CAP	1	1						
38	1	129100-59951	VALVE ASSY, CHECK	1	1						
46	1	23414-120000	GASKET, 12X1.0	2	2						
47	1	129210-59130	PIPE ASSY, FUEL	1	1						
48	2	124766-59050	CLIP, HOSE 12	2	2						
50	1	129150-59120	RETAINER, PIPE	1	1						
53	2	129150-59131	BOLT, M4X14	2	2						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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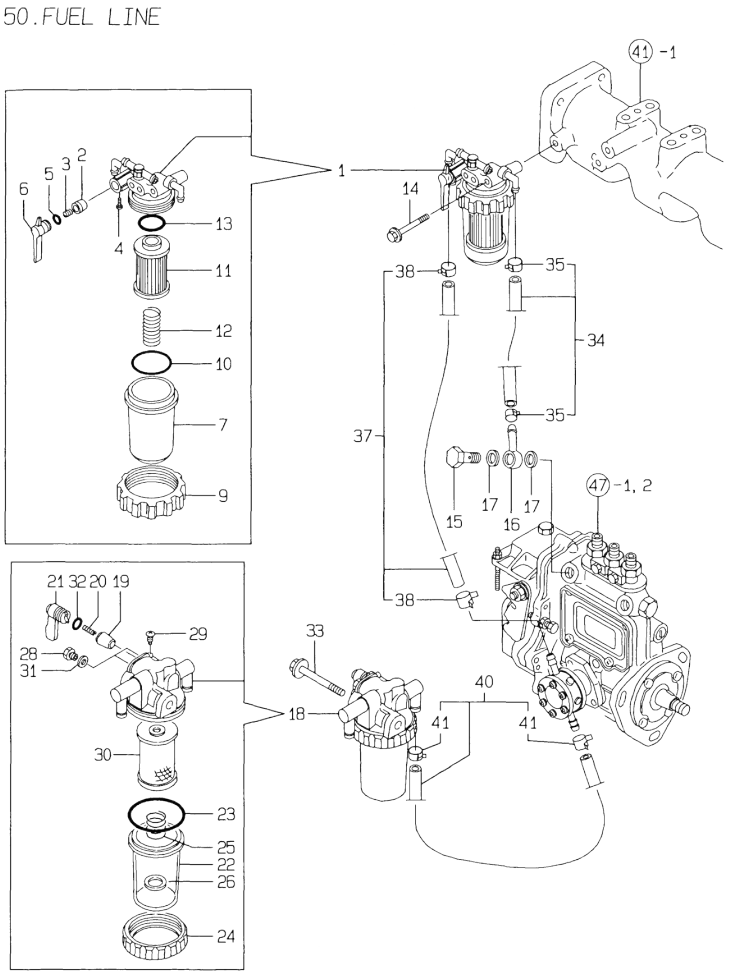
Fig.50. FUEL LINE

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
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	104200-55750	SCREW, M4	1	1						
5	2	24311-240100	O-RING, 1AP10A	1	1						
6	2	129100-55670	LEVER	1	1						
7	2	129100-55680	CUP, STRAINER	1	1						
9	2	129100-55690	RING, RETAINING	1	1						
10	2	24321-000650	O-RING, 1AG65.0	1	1						
11	2	129100-55650	ELEMENT	1	1						
12	2	129100-55700	SPRING	1	1						
13	2	24311-000160	O-RING, 1AP16.0	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	22190-120002	WASHER, SEAL 12	2	2						
18	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
19	2	104200-55321	VALVE, TAPER	1	1						
20	2	104200-55330	SPRING, VALVE	1	1						
21	2	104200-55341	HANDLE	1	1						
22	2	124064-55510	COVER	1	1						
23	2	102103-55520	O-RING	1	1						
24	2	110250-55610	RING, RETAINING	1	1						
25	2	121257-55720	SPRING	1	1						
26	2	121257-55731	FLOAT	1	1						
28	2	101720-55750	PLUG, 6	2	2						
29	2	104200-55750	SCREW, M4	1	1						
30	2	171081-55910	SCREEN	1	1						
31	2	23418-060000	GASKET, 6X1.0	2	2						
32	2	24311-240100	O-RING, 1AP10A	1	1						
33	1	26014-080702	BOLT, M8X 70	1	1						
34	1	129210-59040	PIPE ASSY, FUEL	1	1						
35	2	124766-59050	CLIP, HOSE 12	2	2						
37	1	129210-59130	PIPE ASSY, FUEL	1	1						
38	2	124766-59050	CLIP, HOSE 12	2	2						
40	1	129210-59200	PIPE ASSY, FUEL	1	1						
41	2	124766-59050	CLIP, HOSE 12	2	2						

N:Old ←Yes/No→ New. O:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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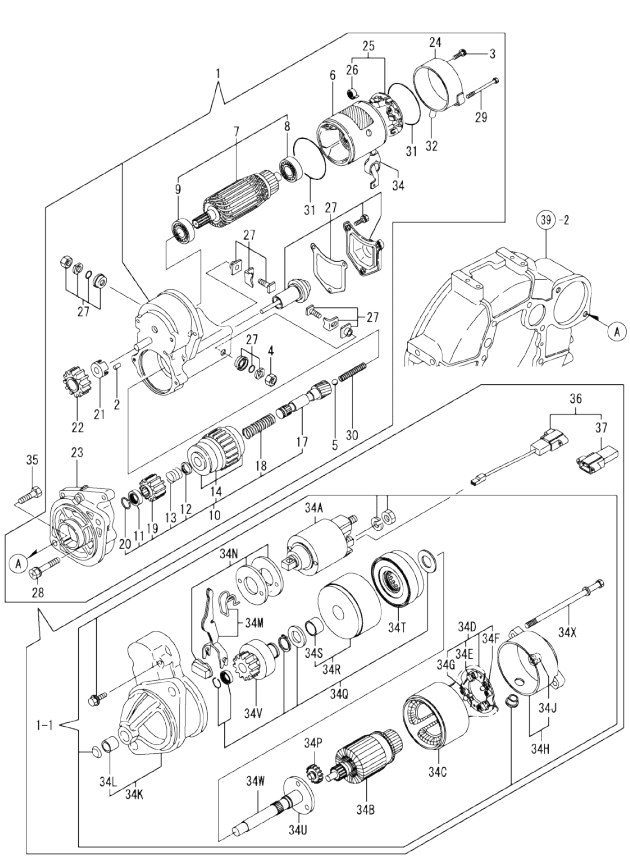
Fig.51. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129129-77010	STARTER ASSY	1	1						
1-1	1	129698-77010	STARTER, 12V1.2KW	1	1					F	1
	(A=E57312)	(B=E59616)									
2	2	X0283060061	ROLLER	5	5					Z	
	(A=E57312)	(B=E59616)									
3	2	129129-77460	SCREW	1	1					Z	
	(A=E57312)	(B=E59616)									
4	2	X9490561370	NUT	1	1					Z	
	(A=E57312)	(B=E59616)									
5	2	X9491200240	BALL	1	1					Z	
	(A=E57312)	(B=E59616)									
6	2	129129-77210	YOKE ASSY	1	1					Z	
	(A=E57312)	(B=E59616)									
7	2	129129-77220	ARMATURE ASSY	1	1					Z	
	(A=E57312)	(B=E59616)									
8	3	129129-77230	BEARING	1	1					Z	
	(A=E57312)	(B=E59616)									
9	3	129129-77240	BEARING	1	1					Z	
	(A=E57312)	(B=E59616)									
10	2	129129-77250	STARTER	1	1					Z	
	(A=E57312)	(B=E59616)									
11	3	X0280210230	NUT	1	1					Z	
	(A=E57312)	(B=E59616)									
12	3	X0283270140	RETAINER	1	1					Z	
	(A=E57312)	(B=E59616)									
13	3	X9491703371	SPRING, COIL	1	1					Z	
	(A=E57312)	(B=E59616)									
14	3	129129-77390	CLUTCH ASSY	1	1					Z	
	(A=E57312)	(B=E59616)									
17	3	129129-77400	SHAFT	1	1					Z	
	(A=E57312)	(B=E59616)									
18	3	129129-77410	SPRING, COIL	1	1					Z	
	(A=E57312)	(B=E59616)									
19	3	129129-77420	PINION, STARTER	1	1					Z	
	(A=E57312)	(B=E59616)									
20	3	129129-77430	RING	1	1					Z	
	(A=E57312)	(B=E59616)									
21	2	129129-77260	RETAINER	1	1					Z	
	(A=E57312)	(B=E59616)									
22	2	129129-77270	PINION	1	1					Z	
	(A=E57312)	(B=E59616)									
23	2	129129-77280	HOUSING	1	1					Z	
	(A=E57312)	(B=E59616)									
24	2	129129-77290	FRAME	1	1					Z	
	(A=E57312)	(B=E59616)									
25	2	129129-77300	HOLDER ASSY	1	1					Z	
	(A=E57312)	(B=E59616)									
26	3	X9491730461	SPRING	4	4					Z	
	(A=E57312)	(B=E59616)									
27	2	129129-77310	SWITCH ASSY	1	1					Z	
	(A=E57312)	(B=E59616)									

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

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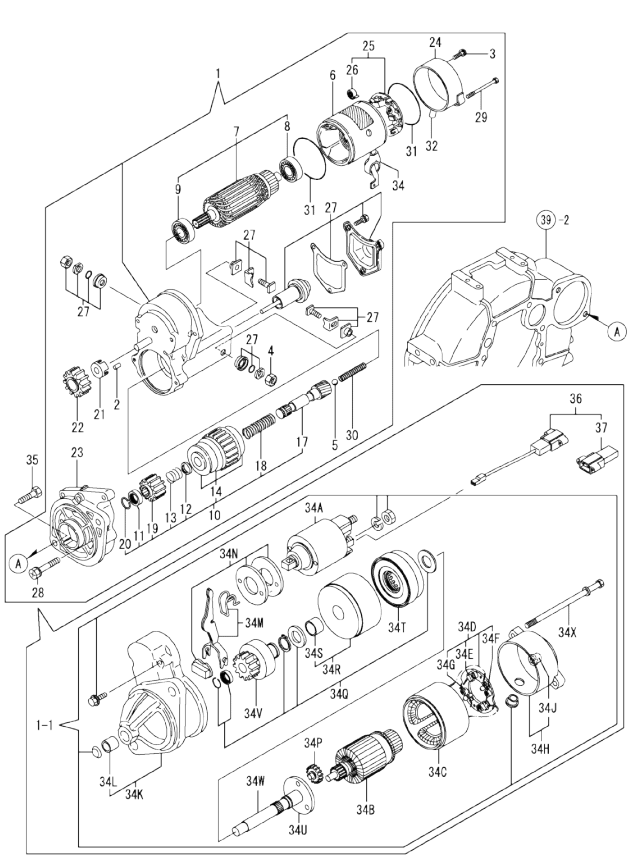
Fig.51. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
28	2	129129-77320	BOLT	2	2					Z	
	(A=E57312)	(B=E59616)									
29	2	129129-77330	BOLT	2	2					Z	
	(A=E57312)	(B=E59616)									
30	2	129129-77340	SPRING	1	1					Z	
	(A=E57312)	(B=E59616)									
31	2	129129-77350	O-RING	2	2					Z	
	(A=E57312)	(B=E59616)									
32	2	129129-77362	COVER	1	1					Z	
	(A=E57312)	(B=E59616)									
34	2	129129-77380	CAP	1	1					Z	
	(A=E57312)	(B=E59616)									
34A	2	129698-77020	SWITCH ASSY	1	1					W	
	(A=E57312)	(B=E59616)									
34B	2	129698-77100	ARMATURE ASSY	1	1					W	
	(A=E57312)	(B=E59616)									
34C	2	129698-77110	YOKE ASSY	1	1					W	
	(A=E57312)	(B=E59616)									
34D	2	129698-77120	HOLDER ASSY, BRUSH	1	1					W	
	(A=E57312)	(B=E59616)									
34E	3	129698-77140	BRUSH SET	1	1					W	
	(A=E57312)	(B=E59616)									
34F	3	129698-77130	BRUSH	2	2					W	
	(A=E57312)	(B=E59616)									
34G	3	129698-77150	SPRING, BRUSH	4	4					W	
	(A=E57312)	(B=E59616)									
34H	2	129698-77160	COVER ASSY	1	1					W	
	(A=E57312)	(B=E59616)									
34H-1	2	129698-77161	COVER ASSY	1	1					R	
	(A=EXXX)	(B=EXXX)									
34J	3	129698-77170	BEARING	1	1					W	
	(A=E57312)	(B=E59616)									
34K	2	129698-77260	CASE ASSY	1	1					W	
	(A=E57312)	(B=E59616)									
34L	3	X2114535200	METAL, STARTER	1	1					W	
	(A=E57312)	(B=E59616)									
34M	2	129698-77270	LEVER SET, SHIFT	1	1					W	
	(A=E57312)	(B=E59616)									
34N	2	129698-77280	COVER KIT	1	1					W	
	(A=E57312)	(B=E59616)									
34P	2	129698-77240	GEAR	3	3					W	
	(A=E57312)	(B=E59616)									
34Q	2	129698-77250	WASHER SET	1	1					W	
	(A=E57312)	(B=E59616)									
34R	2	129698-77180	BRACKET	1	1					W	
	(A=E57312)	(B=E59616)									
34S	3	129698-77190	BRACKET	1	1					W	
	(A=E57312)	(B=E59616)									
34T	2	129698-77200	GEAR, INTERNAL	1	1					W	
	(A=E57312)	(B=E59616)									
34U	2	129698-77210	BRACKET	1	1					W	

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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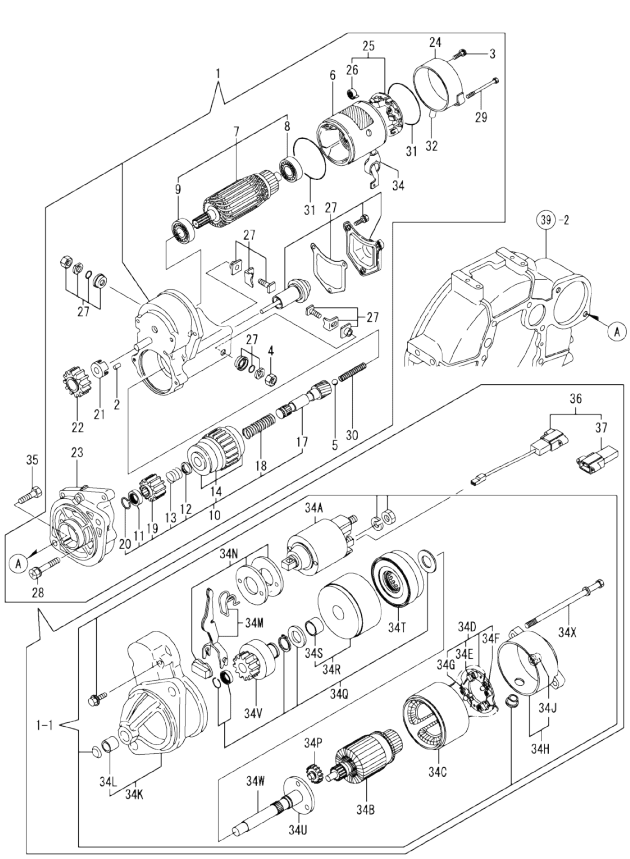
Fig.51. STARTING MOTOR

(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=E57312) (B=E59616)									
34V	2	129698-77220	PINION ASSY	1	1					W	
		(A=E57312) (B=E59616)									
34W	2	129698-77230	SHAFT	1	1					W	
		(A=E57312) (B=E59616)									
34X	2	124195-77770	BOLT, THROUGH	2	2					W	
		(A=E57312) (B=E59616)									
35	1	26116-120252	BOLT, M12X 25 PLATED	2	2						
36	1	129052-77951	CONNECTOR, STARTER	1	1					W	1
		(A=E57312) (B=E59616)									
37	2	129052-77960	HOUSING	1	1					W	1
		(A=E57312) (B=E59616)									

Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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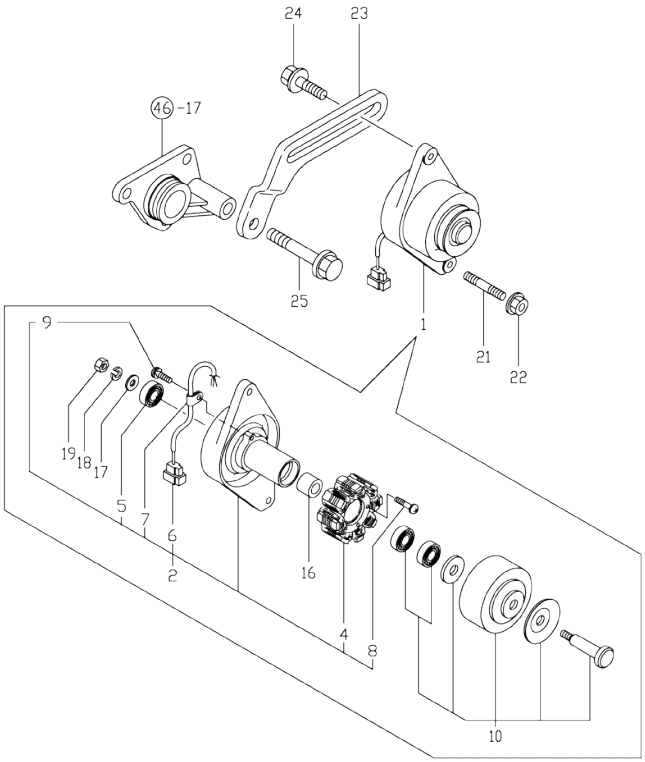
Fig.52. GENERATOR

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1	1						
2	2	XM08137	PLATE ASSY	1	1						
4	3	XM08180	STATOR SET	1	1						
5	3	XM27436	BEARING, BALL	1	1						
6	3	XM17878	COUPLER	1	1						
7	3	XM36410	CLAMP	1	1						
8	3	26022-040252	SCREW, M4X25	2	2						
9	3	XYSPS4008	SCREW	1	1						
10	2	XM82184	FLYWHEEL ASSY	1	1						
16	2	106383-44720	SPACER	1	1						
17	2	106383-44730	WASHER	1	1						
18	2	22212-100000	SPRING WASHER 10	1	1						
19	2	26716-100002	NUT, M10	1	1						
21	1	129795-01900	STUD	1	1						
22	1	26366-100002	NUT, M10	1	1						
23	1	129410-77330	ADJUSTER	1	1						
24	1	119810-77340	BOLT, ADJUSTER	1	1						
25	1	26106-080502	BOLT, M8X 50 PLATED	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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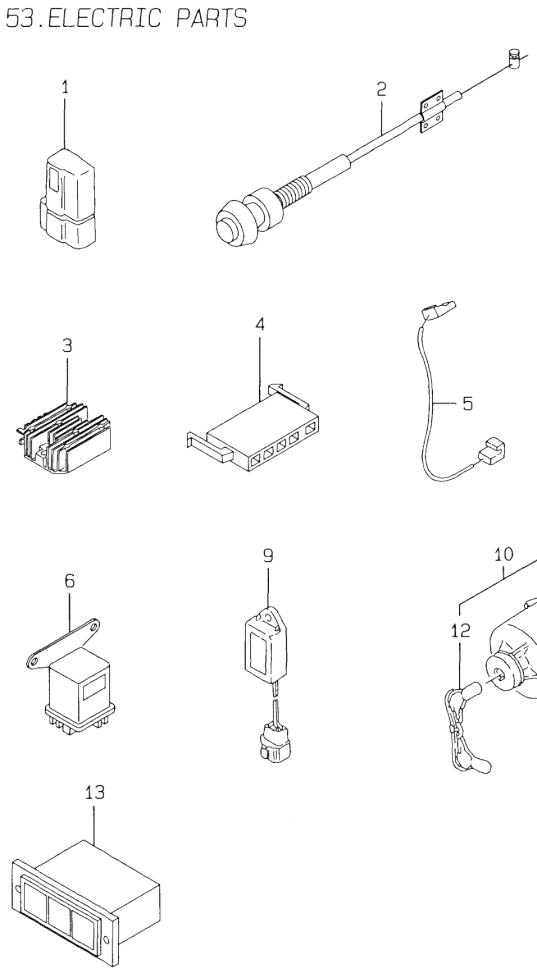
Fig.53. ELECTRICAL PARTS



(A)=3TNE84-GB2 (D)=
(B)=3TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119643-66900	DIODE	1	1						
2	1	170022-67100	CABLE, PUSH-PULL		1						
3	1	119660-77710	LIMITER, CURRENT 15A	1	1						
3-1	1	119660-77711	LIMITER, CURRENT 15A	1	1						N
	(A=E47757)	(B=E47390)									
4	1	171301-77720	COUPLER	1	1						
5	1	119643-77900	CONNECTOR, STARTER	1	1						
6	1	119650-77910	RELAY ASSY, GLOW	1	1						
9	1	119632-77920	TIMER	1	1						
10	1	129115-91250	SWITCH ASSY	1	1						
12	2	129115-91270	KEY ASSY	1	1						
13	1	170038-91310	LAMP	1	1						

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

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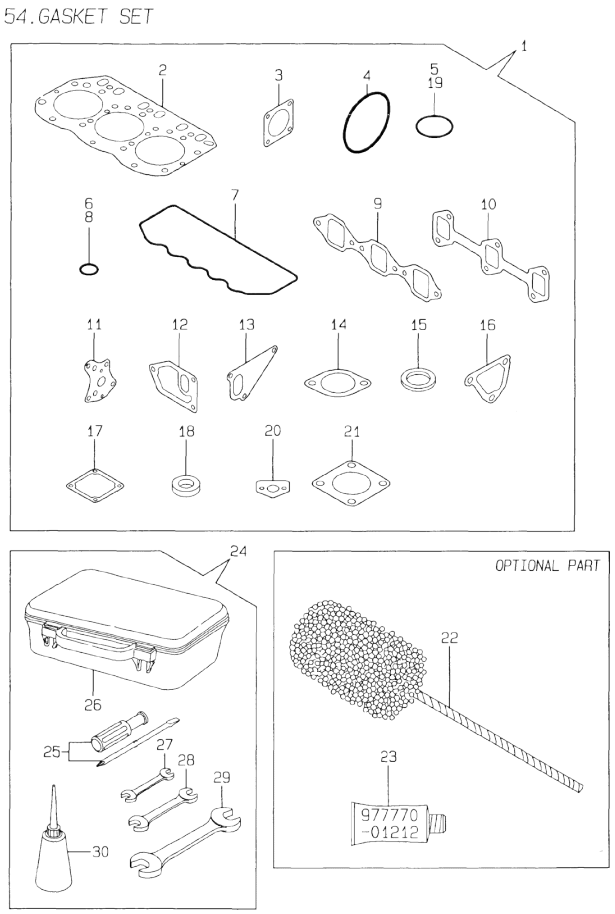
Fig.54. GASKET SET & TOOLS

(A)=3TNE84-GB2
(B)=3TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729002-92700	GASKET SET	1	1						1
2	2	129002-01331	GASKET, HEAD	1	1						
3	2	124240-01883	GASKET	1	1						
4	2	121850-51960	O-RING	1	1						
5	2	24311-000320	O-RING, 1AP32.0	2	2						
6	2	24311-000120	O-RING, 1AP12.0	3	3						
7	2	129150-11310	GASKET, BONNET	1	1						
8	2	24311-000160	O-RING, 1AP16.0	3	3						
9	2	129150-12111	GASKET, MANIFOLD	1	1						
10	2	129150-13110	GASKET	1	1						
11	2	129150-32020	GASKET, PUMP	1	1						
12	2	129120-35121	GASKET	1	1						
13	2	129100-42020	GASKET, WATER PUMP	1	1						
14	2	129795-49551	GASKET	1	1						
15	2	129150-49811	GASKET, THERMOSTAT	1	1						
16	2	129100-49840	GASKET	1	1						
17	2	129150-77511	GASKET	1	1						
18	2	124465-44950	GASKET, 16	2	2						
19	2	24341-000250	O-RING, 1AS25.0	1	1						
20	2	129150-35041	GASKET	1	1						
21	2	124701-11911	GASKET, SILENCER	1	1						
22	1	129400-92420	HONE	1	1						1
23	1	977770-01212	GASKET, LIQUID	1	1						1
24	1	721400-92102	BOX ASSY, TOOL	1	1						
25	2	104200-92350	DRIVER, SCREW	1	1						
26	2	104200-92600	BOX, TOOL	1	1						
27	2	28110-100120	SPANNER, 10X12	1	1						
28	2	28110-140170	SPANNER, 14X17	1	1						
29	2	28110-190220	SPANNER, 19X22	1	1						
30	2	28210-000140	OILER	1	1						

Remarks
(1) OPTIONAL PART.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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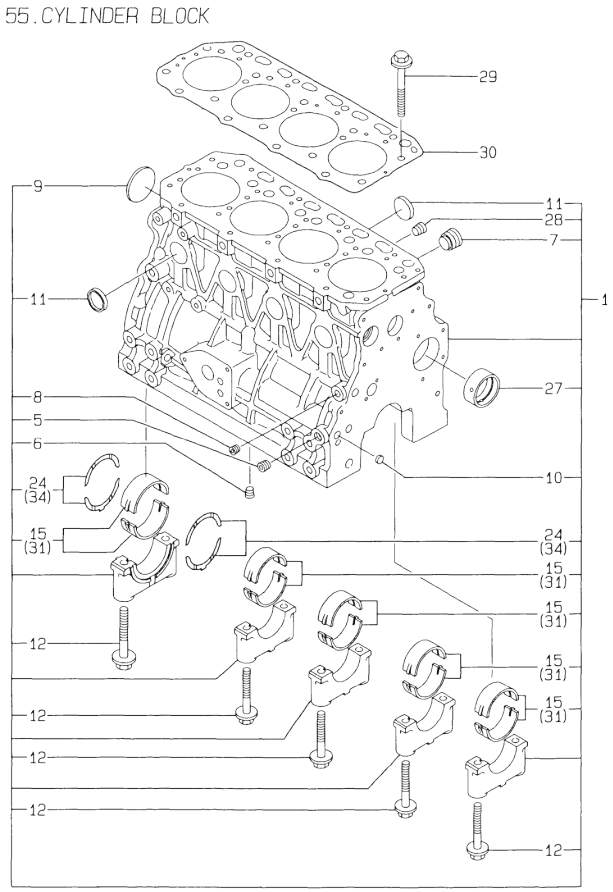
Fig.55. CYLINDER BLOCK



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729408-01560	BLOCK ASSY, CYLINDER	1	1						
5	2	124160-01910	PLUG, PT1/4	2	2						
6	2	124160-01910	PLUG, PT1/4	1	1						
7	2	171051-01921	PLUG, NPTF1	1	1						
8	2	23871-010000	PLUG, R01	1	1						
9	2	27231-500000	PLUG 50	1	1						
10	2	27241-120000	PLUG, 12	2	2						
11	2	27241-300000	PLUG 30	8	8						
12	2	129150-02020	BOLT, METAL CAP	10	10						
15	2	129001-02800	BEARING, MAIN	5	5						
24	2	129150-02930	BEARING, THRUST	2	2						
27	2	129795-02411	BUSH, CAMSHAFT	1	1						
28	2	23871-030000	PLUG, R03	1	1						
29	1	129150-01200	BOLT, HEAD	18	18						
30	1	129408-01330	GASKET, HEAD	1	1						
31	1	129150-02870	BEARING, 0.25 US	5	5						1
34	1	129150-02940	BEARING, THRUST 0.25	2	2						2

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

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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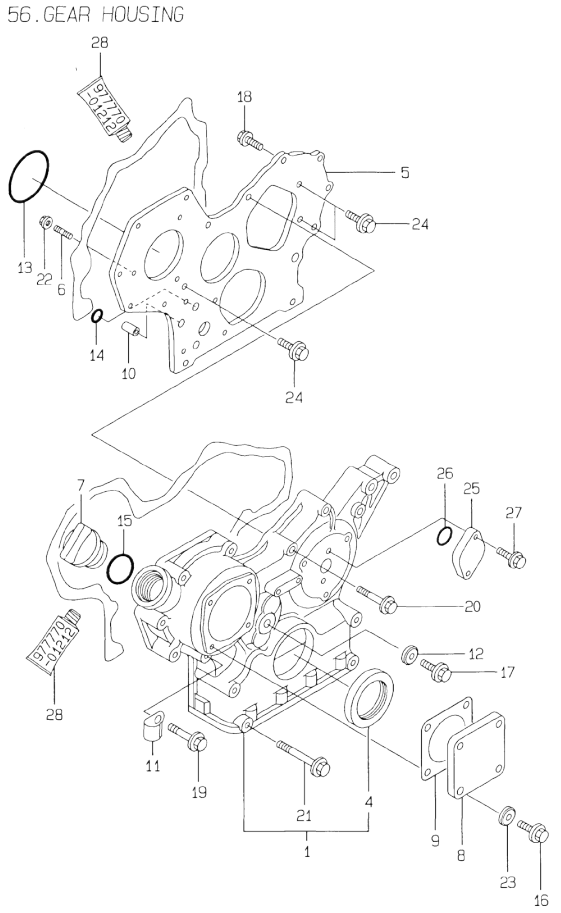
Fig.56. GEAR HOUSING



Remarks
(1) OPTIONAL PART.

(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719810-01500	CASE ASSY, GEAR	1	1						
4	2	129795-01800	SEAL, OIL	1	1						
5	1	129400-01520	FLANGE, GEAR CASE	1	1						
6	1	121450-01560	STUD, M8X22	3	3						
7	1	124160-01751	COVER, FILLER	1	1						
8	1	124240-01871	COVER	1	1						
9	1	124240-01883	GASKET	1	1						
10	1	129795-01950	PIPE, KNOCK L=18	2	2						
11	1	129150-03100	RETAINER, PIPE	1	1						
12	1	22190-080002	WASHER, SEAL 6	1	1						
13	1	121850-51960	O-RING	1	1						
14	1	24311-000160	O-RING, 1AP16.0	2	2						
15	1	24311-000320	O-RING, 1AP32.0	1	1						
16	1	26106-080122	BOLT, M8X 12 PLATED	4	4						
17	1	26106-080162	BOLT, M8X 16 PLATED	1	1						
18	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
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	4						
22	1	26366-080002	NUT, M8	3	3						
23	1	22190-080002	WASHER, SEAL 6	4	4						
24	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
25	1	121023-01550	COVER	1	1						
26	1	24341-000240	O-RING, 1AS24.0	1	1						
27	1	26106-060162	BOLT, M6X 16 PLATED	2	2						
28	1	977770-01212	GASKET, LIQUID	1	1						1

N:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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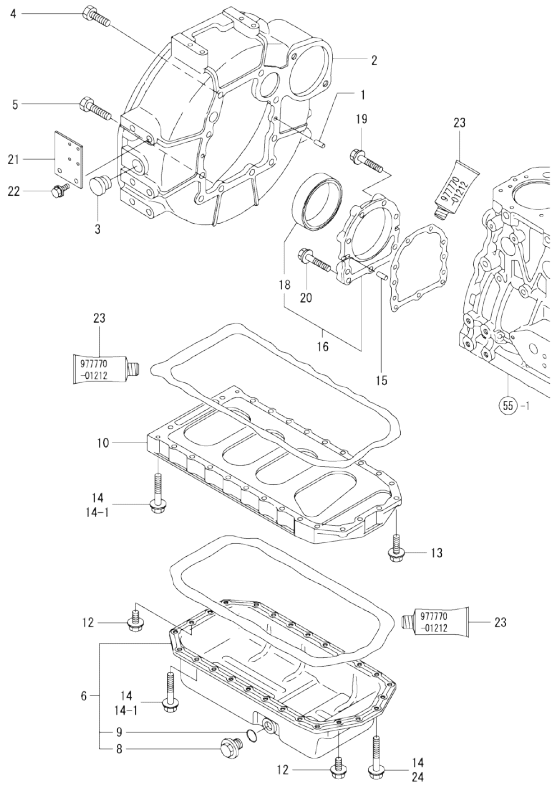
Fig.57. FLYWHEEL HOUSING & OIL SUMP



(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2	2						
2	1	129612-01600	HOUSING, FLYWHEEL	1	1						
3	1	119620-01750	CAP	1	1						
4	1	26206-100252	BOLT, M10X 25 PLATED	6	6						
5	1	26206-100302	BOLT, M10X 30 PLATED	4	4						
6	1	129400-01770	SUMP ASSY, OIL	1	1						
6-1	1	129688-01780	OIL PAN ASSY, DEEP	1	1					N	2
	(A=REF. TO R)		(B=REF. TO R)								
8	2	171301-01640	PLUG, 22	1	1						
9	2	24341-000250	O-RING, 1AS25.0	1	1						
10	1	129400-01730	SPACER, OIL SUMP	1	1						
12	1	26106-080162	BOLT, M8X 16 PLATED	4	4						
13	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
14	1	26106-080452	BOLT, M8X 45 PLATED	24	24						
14-1	1	26106-080452	BOLT, M8X 45 PLATED	20	20					K	
	(A=FROM 1ST)		(B=FROM 1ST)								
15	1	129100-01580	PIN, M8X16	2	2						
16	1	129100-01640	CASE ASSY, OIL SEAL	1	1						
18	2	129795-01780	SEAL, OIL	1	1						
19	1	129486-01670	BOLT, M8X30	6	6						
20	1	26106-080352	BOLT, M8X 35 PLATED	3	3						
21	1	129111-67010	SUPPORT, WIRE	1	1						
22	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
23	1	977770-01212	GASKET, LIQUID	1	1						1
24	1	26106-080502	BOLT, M8X 50 PLATED	4	4					W	
	(A=FROM 1ST)		(B=FROM 1ST)								

Remarks
(1)Optional parts.
(2)For repair.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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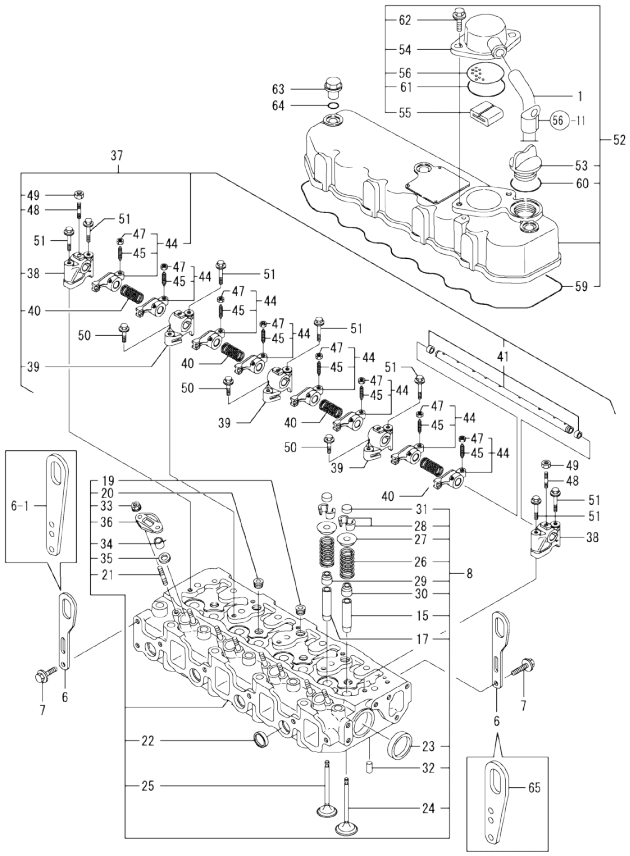
Fig.58. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171350-03090	PIPE , BREATHER 900	1	1						
6	1	124736-07900	LIFTER	2	2						
6-1	1	129900-07900	LIFTER	1	1					N	
	(A=*2009.08)	(B=*2009.08)									
7	1	26106-080142	BOLT, M8X 14 PLATED	4	4						
8	1	729408-11700	HEAD ASSY, CYLINDER	1	1						
15	2	120130-11860	GUIDE, VALVE	4	4						1
17	2	129150-11810	GUIDE, VALVE	4	4						1
19	2	23871-020000	PLUG, R02	3	3						
20	2	23871-030000	PLUG, R03	4	4						
21	2	26216-060202	STUD, M6X 20	8	8						
22	2	27241-220000	PLUG, 22	4	4						
23	2	27241-400000	PLUG, 40	2	2						
24	2	129100-11100	VALVE, INTAKE	4	4						
25	2	129100-11130	VALVE, EXHAUST	4	4						
26	2	129795-11120	SPRING, VALVE	8	8						
27	2	129795-11180	RETAINER, SPRING	8	8						
28	2	27310-080001	COTTER, 8	8	8						
29	2	121400-11340	SEAL, VALVE STEM	4	4						
30	2	124460-11340	SEAL, VALVE STEM	4	4						
31	2	129150-11370	CAP, VALVE	8	8						
32	2	22351-060012	PIN, SPRING 6.0X12	2	2						
33	2	26366-060002	NUT, M6	8	8						
34	2	119625-11870	PROTECTOR, NOZZLE	4	4						
35	2	119625-11880	SEAT, NOZZLE	4	4						
36	2	119625-11900	RETAINER, NOZZLE	4	4						
37	1	129555-11241	SHAFT ASSY, ROCKER	1	1						
38	2	129155-11260	SUPPORT, ROCKER ARM	2	2						
39	2	129155-11270	SUPPORT, ROCKER ARM	3	3						
40	2	129150-11280	SPRING	4	4						
41	2	129550-11290	SHAFT, ROCKER ARM	1	1						
44	2	729402-11650	ARM ASSY, ROCKER	8	8						
45	3	129150-11230	SCREW, VALVE ADJUST	8	8						
47	3	129150-11750	NUT, M8	8	8						
48	2	26226-080182	STUD, M8X 18	3	3						
49	2	26756-080002	NUT, LOCK M8	3	3						
50	1	26106-080252	BOLT, M8X 25 PLATED	3	3						
51	1	26106-080502	BOLT, M8X 50 PLATED	7	7						
52	1	129400-11350	BONNET ASSY, HEAD	1	1						
53	2	124160-01751	COVER, FILLER	1	1						
54	2	129150-03020	COVER, BREATHER	1	1						
55	2	129150-03070	BAFFLE, BREATHER	1	1						
56	2	129150-03080	PLATE, BAFFLE	1	1						
59	2	129550-11310	GASKET, BONNET	1	1						
60	2	24311-000320	O-RING, 1AP32.0	1	1						
61	2	24341-000500	O-RING, 1AS50.0	1	1						
62	2	26106-080162	BOLT, M8X 16 PLATED	2	2						
63	1	124160-11360	KNOB	3	3						
64	1	24311-000120	O-RING, 1AP12.0	3	3						
65	1	119226-07900	LIFTER	1	1					W	
	(A=*2009.06)	(B=*2009.06)									

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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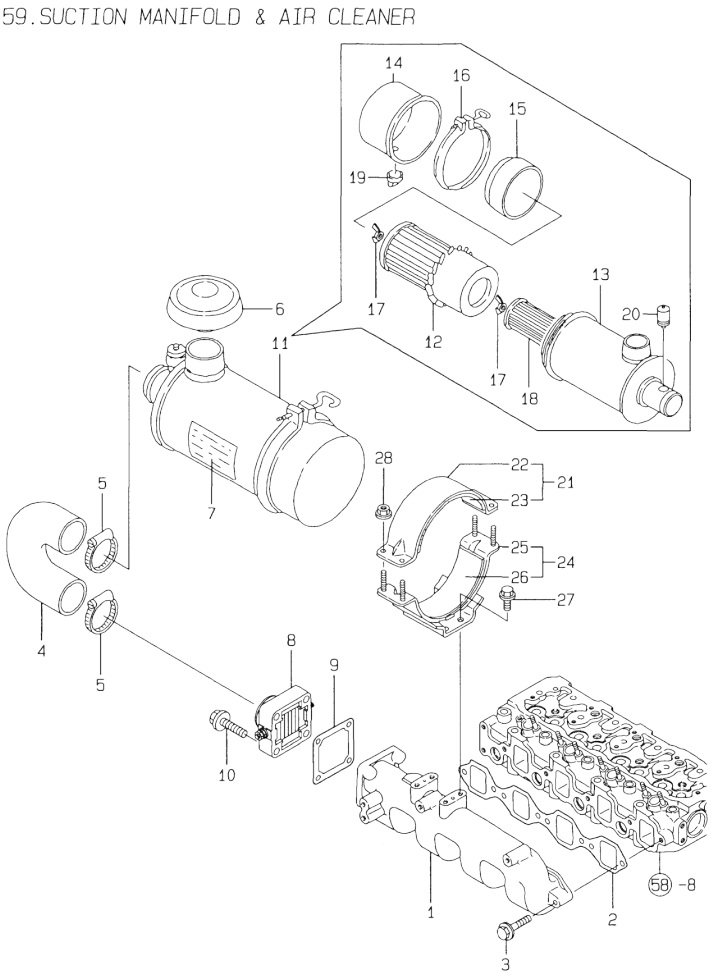
Fig.59. SUCTION MANIFOLD & AIR CLEANER



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129488-12100	MANIFOLD, AIR INTAKE	1	1						
2	1	129550-12111	GASKET, MANIFOLD	1	1						
3	1	26106-080352	BOLT, M8X 35 PLATED	5	5						
4	1	171351-12210	PIPE, AIR INTAKE	1	1						
5	1	23000-060000	CLAMP, 60	2	1						
6	1	121521-12400	CAP, RAIN	1							
7	1	171064-12600	LABEL, AIR CLEANER	1	1						
8	1	129120-77501	HEATER	1	1						
9	1	129150-77511	GASKET	1	1						
10	1	26106-080352	BOLT, M8X 35 PLATED	4	4						
11	1	121521-12500	CLEANER ASSY, AIR	1	1						
12	2	121420-12511	ELEMENT	1	1						
13	2	171061-12520	BODY ASSY	1	1						
14	2	121422-12530	CUP	1	1						
15	2	121420-12540	SCARF, BAFFLE	1	1						
16	2	121420-12550	CLAMP ASSY	1	1						
17	2	121420-12561	NUT, WING	2	2						
18	2	121422-12570	ELEMENT	1	1						
19	2	121422-12580	VALVE, UNLOADER	1	1						
20	2	126650-12680	INDICATOR	1	1						
21	1	121400-12540	BAND ASSY, CLEANER	1	1						
22	2	121400-12560	BAND, AIR CLEANER	1	1						
23	2	121400-12570	SEAT, RUBBER B	1	1						
24	1	171351-12580	SUPPORT ASSY,CLEANER	1	1						
25	2	171351-12560	SUPPORT, AIR CLEANER	1	1						
26	2	171351-12570	SEAT, RUBBER	1	1						
27	1	26106-080142	BOLT, M8X 14 PLATED	4	4						
28	1	26366-060002	NUT, M6	4	4						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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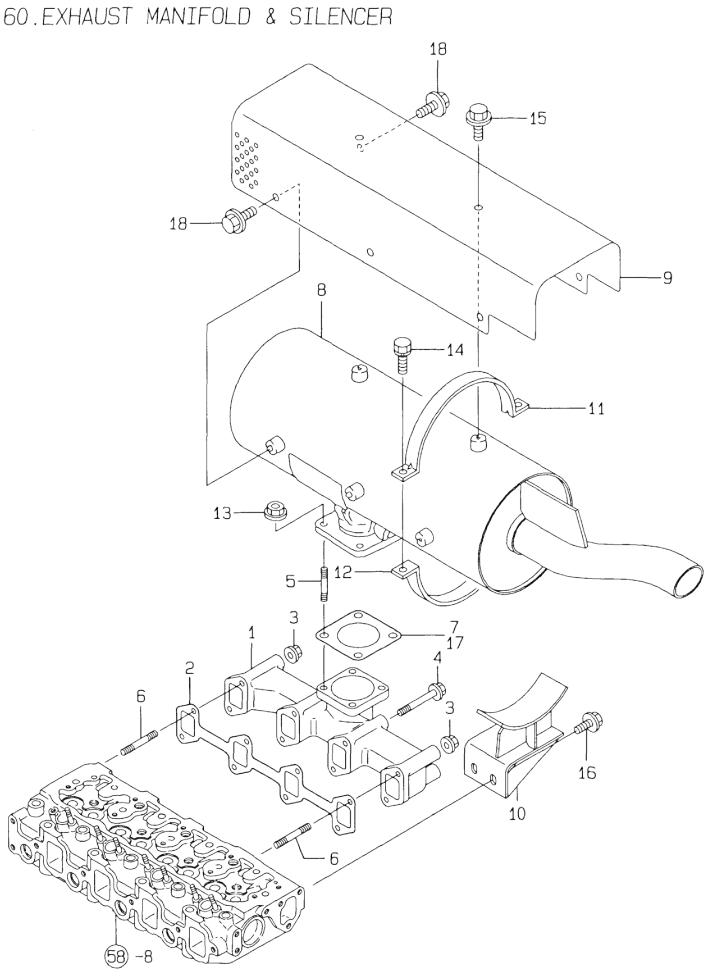
Fig.60. EXHAUST MANIFOLD & SILENCER



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129411-13100	MANIFOLD, EXHAUST	1	1						
2	1	129550-13110	GASKET	1	1						
3	1	26366-060002	NUT, M6	2	2						
4	1	26106-080802	BOLT, M8X 80 PLATED	6	6						
5	1	119131-18320	STUD, M8X22	4	4						
6	1	26216-080802	STUD, M8X 80	2	2						
7	1	129400-13201	GASKET, SILENCER	1							
8	1	129411-13500	SILENCER	1							
9	1	129411-13600	COVER, SILENCER	1							
10	1	129411-13650	STAY, SILENCER	1							
11	1	129411-13670	BAND, SILENCER	1							
12	1	129411-13680	BAND, SILENCER	1							
13	1	26366-080002	NUT, M8	4							
14	1	26014-080302	BOLT, M8X 30	2							
15	1	26106-080142	BOLT, M8X 14 PLATED	2							
16	1	26106-080142	BOLT, M8X 14 PLATED	2							
17	1	129400-13201	GASKET, SILENCER		1						
18	1	26106-080102	BOLT, M8X 10 PLATED	6							

N:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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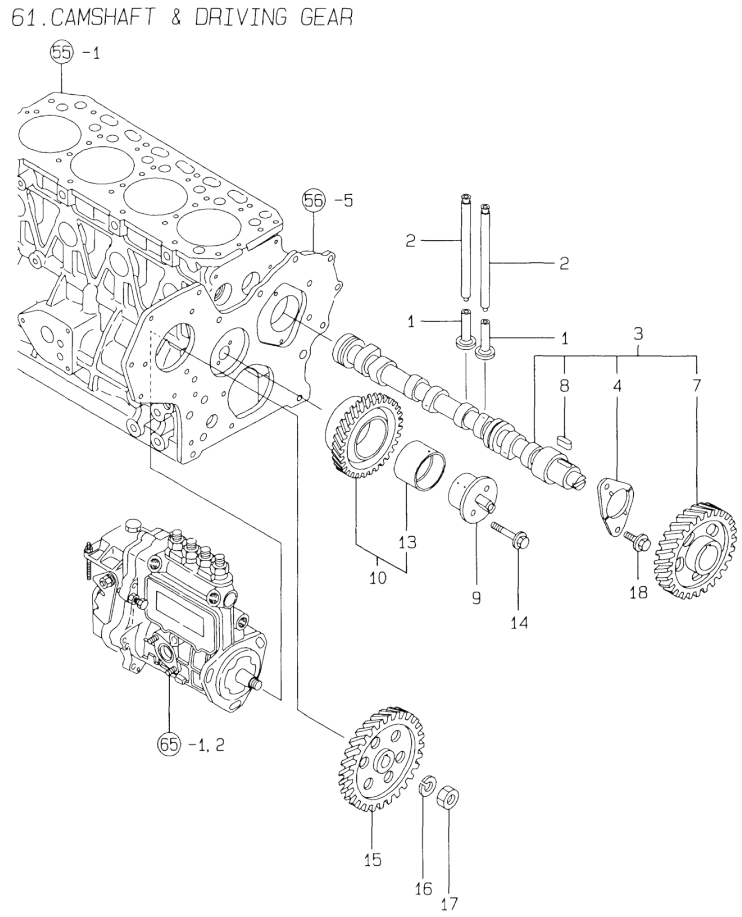
Fig.61. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-14200	TAPPET	8	8						
2	1	129150-14400	ROD, PUSH L=178	8	8						
3	1	729402-14580	CAMSHAFT ASSY	1	1						
4	2	129150-02450	BEARING, THRUST	1	1						
7	2	129150-14101	GEAR, CAMSHAFT	1	1						
8	2	22512-070140	KEY, 7X 14	1	1						
9	1	129100-25061	SHAFT, IDLE	1	1						
10	1	129150-25101	GEAR ASSY, IDLE	1	1						
13	2	129150-25920	BUSH, IDLE GEAR	1	1						1
14	1	26106-080452	BOLT, M8X 45 PLATED	2	2						
15	1	129100-25900	GEAR, PUMP	1	1						
16	1	22217-120000	WASHER, SPRING 12	1	1						
17	1	26716-120002	NUT, M12	1	1						
18	1	26106-080162	BOLT, M8X 16 PLATED	2	2						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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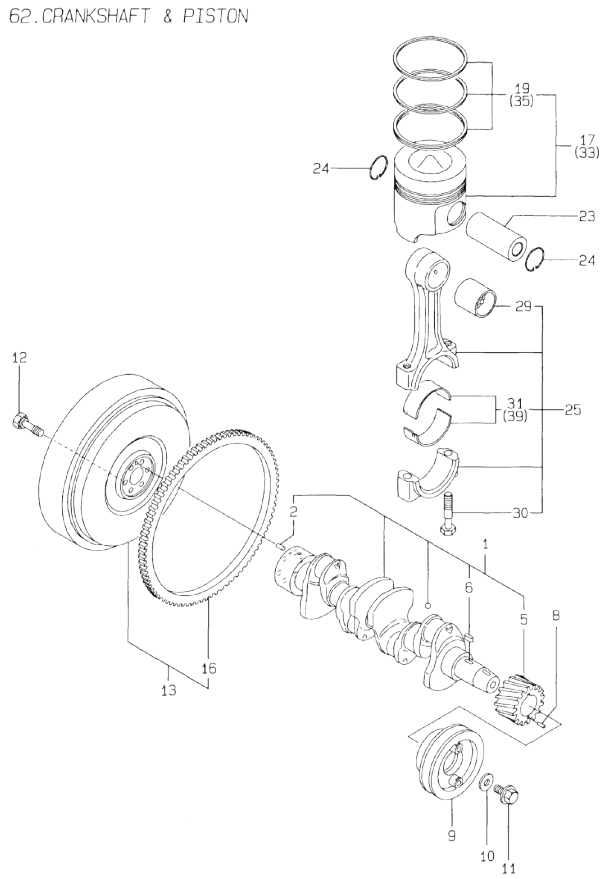
Fig.62. CRANKSHAFT & PISTON



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

(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129407-21000	CRANKSHAFT ASSY	1	1						
2	2	129100-01580	PIN, M8X16	1	1						
5	2	129150-21200	GEAR, CRANKSHAFT	1	1						
6	2	22512-070140	KEY, 7X 14	1	1						
8	1	22351-040010	PIN, SPRING 4.0X10	1	1						
9	1	171301-21650	V-PULLEY	1	1						
10	1	129795-21661	WASHER	1	1						
11	1	121850-21680	BOLT	1	1						
12	1	121111-21501	BOLT, FLYWHEEL	6	6						
13	1	171420-21580	FLYWHEEL ASSY	1	1						
16	2	119865-21600	GEAR, RING	1	1						
17	1	129002-22090	PISTON ASSY	4	4						
19	2	129002-22510	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						
29	2	129100-23910	BEARING, PISTON PIN	4	4						1
30	2	121550-23200	BOLT, CONNECTING ROD	8	8						
31	2	129150-23600	BEARING, CRANK PIN	4	4						
33	1	129002-22900	PISTON ASSY, 0.25 OS	4	4						2
35	2	129002-22950	RING SET, 0.25 OS	4	4						2
39	1	129150-23610	BEARING, 0.25 US	4	4						3

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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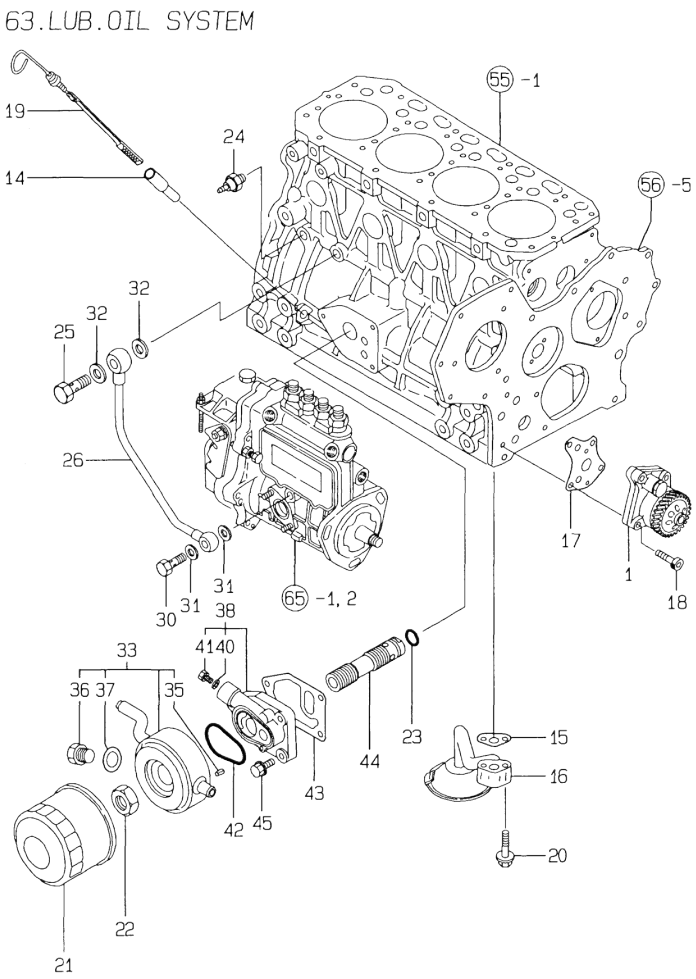
Fig.63. LUB. OIL SYSTEM



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
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	129436-35091	PIPE ASSY, OIL INLET	1	1						
17	1	129150-32020	GASKET, PUMP	1	1						
18	1	26450-060252	BOLT, M6X 25	4	4						
19	1	171420-34820	DIPSTICK, OIL	1	1						
20	1	26106-080352	BOLT, M8X 35 PLATED	2	2						
21	1	129150-35151	FILTER, D80XL80	1	1						
22	1	129150-35350	NUT	1	1						
23	1	24311-000160	O-RING, 1AP16.0	1	1						
24	1	124160-39450	SWITCH, 0.5KG	1	1						
25	1	124160-39140	BOLT, PIPE JOINT M10	1	1						
26	1	129550-39450	PIPE ASSY, OIL	1	1						
30	1	124550-59820	BOLT, PIPE JOINT M8	1	1						
31	1	22190-080002	WASHER, SEAL 6	2	2						
32	1	23414-100000	GASKET, 10X1.0	2	2						
33	1	129012-33000	COOLER ASSY, OIL	1	1						
35	2	129120-33040	PIN	2	2						
36	2	129120-33051	PLUG, DRAIN	1	1						
37	2	129120-33060	GASKET	1	1						
38	1	129120-35001	BRACKET ASSY	1	1						
40	2	23414-100000	GASKET, 10X1.0	1	1						
41	2	23881-100002	PLUG, 10	1	1						
42	1	129120-35110	GASKET	1	1						
43	1	129120-35121	GASKET	1	1						
44	1	129407-35300	BOLT, FILTER	1	1						
45	1	26106-080252	BOLT, M8X 25 PLATED	3	3						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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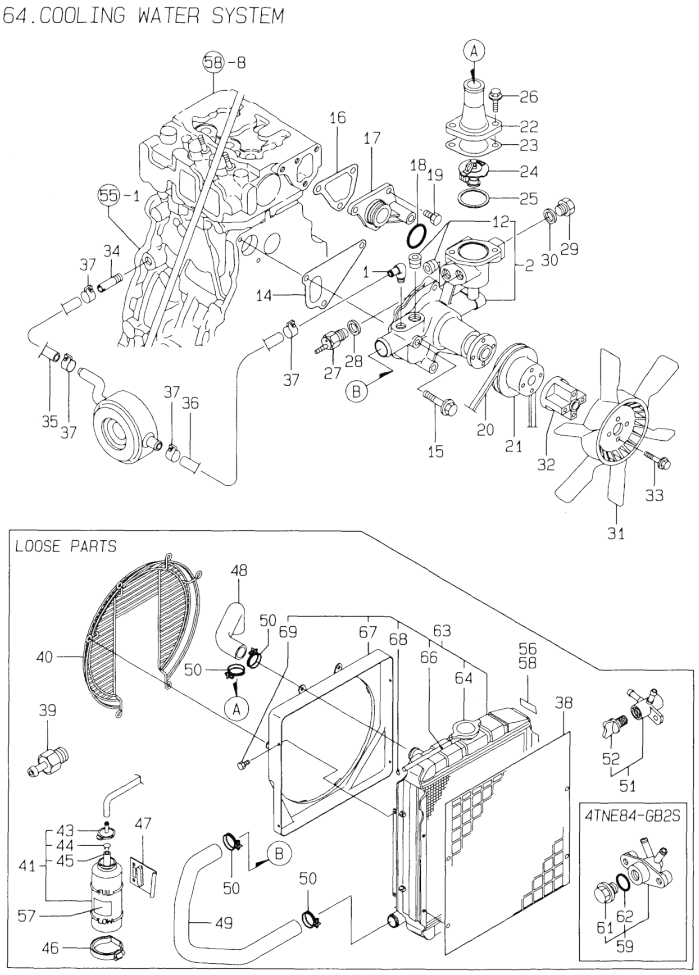
Fig.64. COOLING WATER SYSTEM



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129103-49301	ELBOW, PT1/4	1	1						
2	1	129001-42002	PUMP ASSY, WATER	1	1						
12	2	23871-030000	PLUG, R03	2	2						
14	1	129100-42020	GASKET, WATER PUMP	1	1						
15	1	26106-080602	BOLT, M8X 60 PLATED	3	3						
16	1	129100-49840	GASKET	1	1						
17	1	129001-42040	JOINT	1	1						
18	1	24321-000300	O-RING, 1AG30.0	1	1						
19	1	26106-080162	BOLT, M8X 16 PLATED	3	3						
20	1	25132-003800	V-BELT, A38	1	1						
21	1	129403-42380	V-PULLEY, D=110	1	1						
22	1	129350-49560	COVER, THERMOSTAT	1	1						
23	1	129795-49551	GASKET	1	1						
24	1	129155-49800	THERMOSTAT, 71	1	1						
25	1	129150-49811	GASKET, THERMOSTAT	1	1						
26	1	26106-080202	BOLT, M8X 20 PLATED	2	2						
27	1	121250-44901	SWITCH, 110	1	1						
28	1	124465-44950	GASKET, 16	1	1						
29	1	121450-42450	PLUG, M16	1	1						
30	1	124465-44950	GASKET, 16	1	1						
31	1	129403-44740	FAN, COOLING 370	1	1						
32	1	171353-44760	SPACER, FAN	1	1						
33	1	26106-060352	BOLT, M6X 35 PLATED	4	4						
34	1	129122-44480	JOINT	1	1						
35	1	129012-49030	HOSE, WATER	1	1						
36	1	129403-49050	PIPE, WATER	1	1						
37	1	23000-022000	CLAMP, 22	4	4						
38	1	129411-44590	PROTECTOR	1							
39	1	129137-49100	JOINT	1	1						
40	1	129420-44560	PROTECTOR, FAN	1	1						
41	1	124450-44510	TANK ASSY, SUB	1	1						
43	2	124450-44530	CAP	1	1						
44	2	124450-44560	RETAINER	1	1						
45	2	23061-070230	PIPE, 7X 230	1	1						
46	1	124450-44550	BAND	1	1						
47	1	121256-44600	BRACKET, SUB TANK	1	1						
48	1	171420-49010	PIPE, WATER	1	1						
49	1	171420-49020	PIPE, WATER	1	1						
50	1	23010-038000	CLAMP, 38	4	4						
51	1	129150-49100	COCK ASSY, 3-WAY	1							
52	2	129150-49080	COCK, DRAIN	1							
56	1	124764-44800	LABEL, RADIATOR	1	1						
57	1	124764-44810	LABEL, SUB TANK	1	1						
58	1	121400-44910	LABEL, RADIATOR	1	1						
59	1	121450-49110	COCK ASSY, 3-WAY		1						
61	2	121250-49121	PLUG, DRAIN		1						
62	2	24311-000160	O-RING, 1AP16.0		1						
63	1	129408-44500	RADIATOR	1	1						
64	2	119259-44570	CAP, RADIATOR	1	1						
66	2	129132-44530	HOSE, RUBBER	1	1						
67	2	129420-44550	SHROUD ASSY	1	1						

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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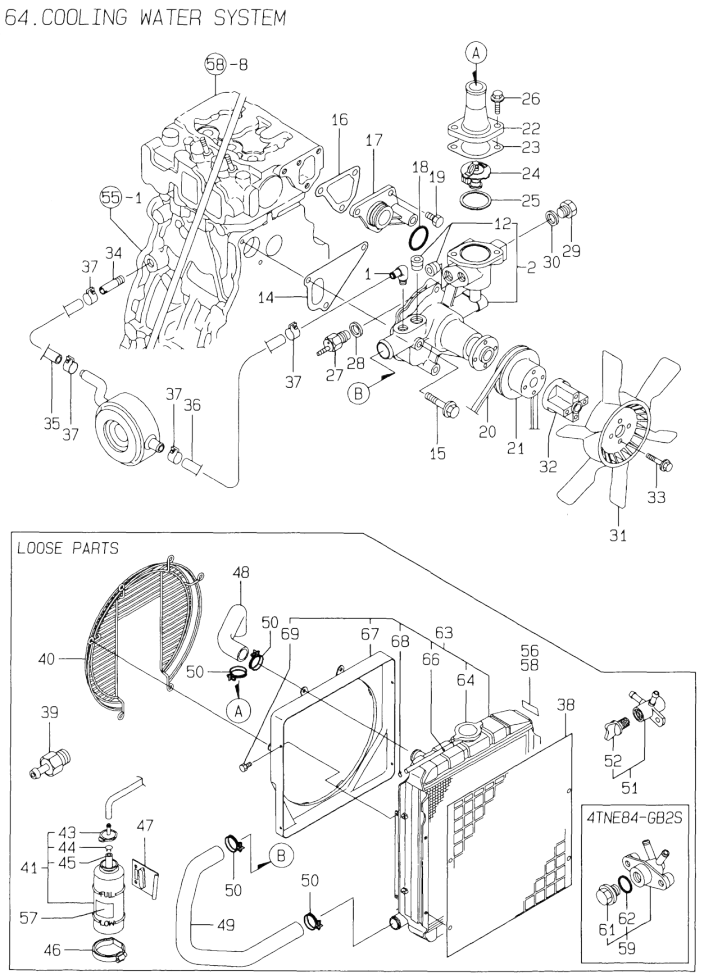
Fig.64. COOLING WATER SYSTEM

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
68	2	121250-44590	CLAMP	2	2						
69	2	26014-060122	BOLT, M6X 12	4	4						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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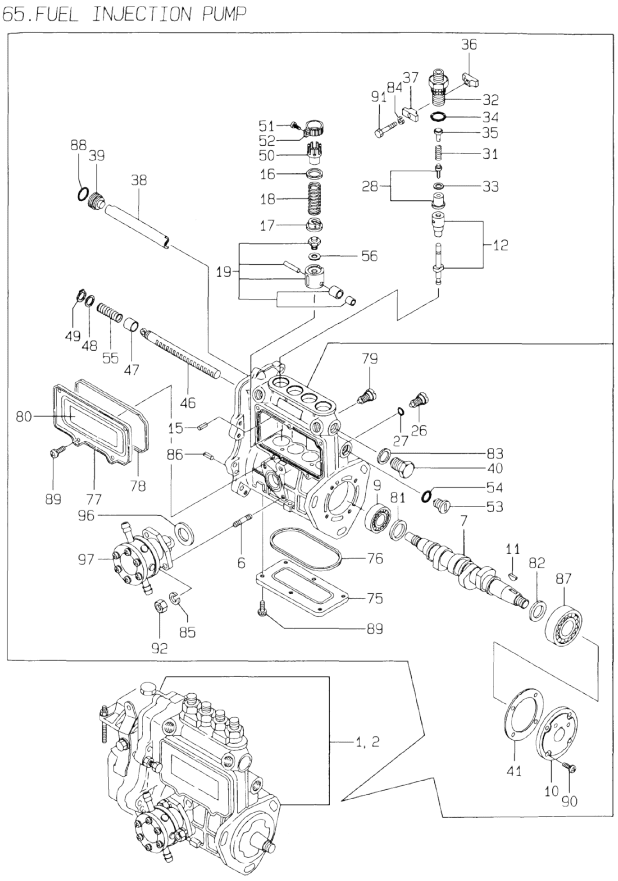
Fig.65. FUEL INJECTION PUMP



Remarks
(1)GOVERNOR ASSY(FIG.66)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1,2).

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729408-51400	PUMP ASSY, INJECTION	1							1
2	1	729608-51400	PUMP ASSY, INJECTION		1						1
6	2	129155-51020	STUD	2	2						
7	2	129470-51040	CAMSHAFT	1	1						
9	2	129155-51050	BEARING, 17BM001D	2	2						
10	2	129155-51060	SUPPORT, CAMSHAFT	1	1						
11	2	122710-51090	KEY	1	1						
12	2	129412-51200	PLUNGER ASSY	4	4						
15	2	129155-51140	PIN	4	4						
16	2	174307-51170	RETAINER, SPRING A	4	4						
17	2	129155-51180	RETAINER, SPRING	4	4						
18	2	124950-51190	SPRING, PLUNGER	4	4						
19	2	129155-51200	TAPPET ASSY	4	4						
26	2	129155-51270	STOPPER, TAPPET	4	4						
27	2	129155-51280	O-RING, S6	4	4						
28	2	105300-51300	VALVE ASSY, DELIVERY	4	4						
31	2	129155-51320	SPRING, DELIVERY	4	4						
32	2	129155-51340	RETAINER	4	4						
33	2	124550-51350	GASKET, DELIVERY	4	4						
34	2	124550-51370	O-RING	4	4						
35	2	129155-51370	STOPPER, VALVE	4	4						
36	2	129155-51380	STOPPER	2	2						
37	2	129155-51390	STOPPER	2	2						
38	2	129555-51400	DEFLECTOR	1	1						
39	2	129155-51410	BOLT	1	1						
40	2	129155-51420	PLUG, M16	1	1						
41	2	129155-51450	SHIM SET, ADJUSTING	1	1						
46	2	129555-51500	RACK, CONTROL	1	1						
47	2	129155-51521	BUSH, RACK	1	1						
48	2	129155-51530	SPACER	1	1						
49	2	129155-51540	CIRCLIP	1	1						
50	2	129155-51550	PINION, CONTROL	4	4						
51	2	122117-51560	SCREW	4	4						
52	2	174307-51560	PINION	4	4						
53	2	129155-51570	PLUG, M12	1	1						
54	2	129155-51580	O-RING	1	1						
55	2	129155-51591	SPRING, RACK	1	1						
56	2	129155-51600	SHIM SET, ADJUSTING	4	4						
75	2	129555-51700	COVER	1	1						
76	2	129555-51710	GASKET	1	1						
77	2	129555-51750	COVER	1	1						
78	2	129555-51760	GASKET	1	1						
79	2	129155-51790	STOOPER, RACK	1	1						
80	2	129156-51910	LABEL, CAUTION	1	1						
81	2	129155-51930	SPACER, T=3.25	1	1						
82	2	129155-51940	SPACER, T=1.5	1	1						
83	2	22190-160002	WASHER, SEAL 16	1	1						
84	2	22217-050000	WASHER, SPRING 5	2	2						
85	2	22217-060000	WASHER, SPRING 6	2	2						
86	2	22351-050010	PIN, SPRING 5.0X10	2	2						
87	2	24101-063034	BEARING, BALL 6303	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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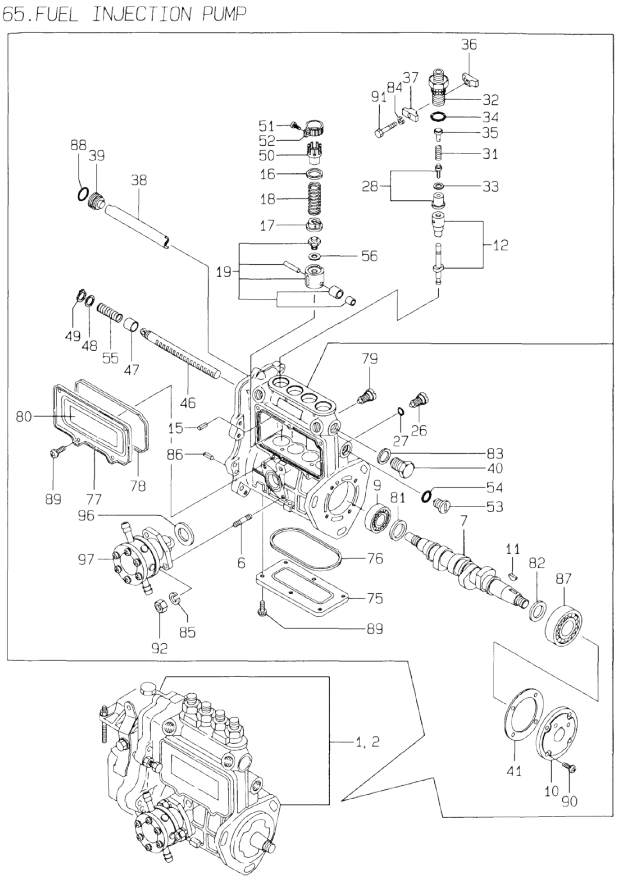
Fig.65. FUEL INJECTION PUMP

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
88	2	24341-000160	O-RING, 1AS16.0	1	1						
89	2	26022-050102	SCREW, M5X10	11	11						
90	2	26022-060162	SCREW, M6X16	4	4						
91	2	26116-050302	BOLT, M5X 30 PLATED	2	2						
92	2	26716-060002	NUT, M6	2	2						
96	2	129155-52050	GASKET	1	1						
97	2	129100-52100	PUMP ASSY, FUEL FEED	1	1						

Remarks
(1)GOVERNOR ASSY(FIG.66)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1,2).

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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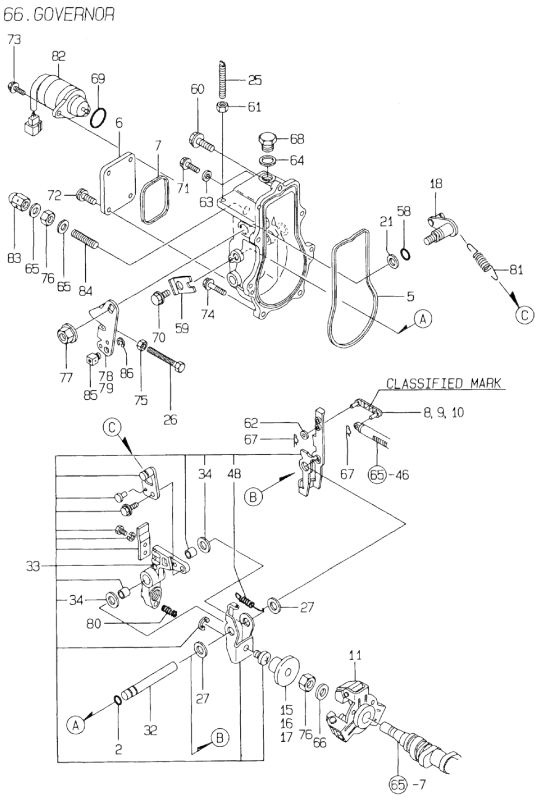
Fig.66. GOVERNOR



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
2	2	129155-51280	O-RING, S6	1	1						
5	2	129052-61050	GASKET	1	1						
6	2	129052-61060	COVER, GOVERNOR CASE	1	1						
7	2	129052-61070	GASKET	1	1						
8	2	129155-61120	LINK, L=30 MARK 0	1	1						1
9	2	129155-61130	LINK, L=31 MARK 1	1	1						1
10	2	129155-61140	LINK, L=30.5 MARK 05	1	1						1
11	2	129155-61201	WEIGHT ASSY,GOVERNOR	1	1						
15	2	129155-61341	SLEEVE	1	1						2
16	2	129155-61350	SLEEVE, L=24.9	1	1						2
17	2	129155-61360	SLEEVE, L=25.2	1	1						2
18	2	129100-61400	SHAFT ASSY	1	1						
21	2	129155-61430	SPACER	1	1						
25	2	129155-61450	BOLT, LIMITER	1	1						
26	2	129155-61460	BOLT, IDLE	1	1						
27	2	129155-61480	SPACER ASSY	2	2						
32	2	129052-61390	SHAFT	1	1						
33	2	129412-61500	LEVER ASSY, GOVERNOR	1	1						
34	3	174307-51700	SHIM SET	2	2						
48	3	119843-61540	SPRING, SET	1	1						
58	2	129155-61830	O-RING, S10	1	1						
59	2	119660-61901	RETAINER, SHAFT	1	1						
60	2	129155-61950	BOLT	1	1						
61	2	124550-66370	NUT, M6	1	1						
62	2	22117-040000	WASHER, 4	1	1						
63	2	22190-060003	SEAL WASER 6	1	1						
64	2	22190-100002	WASHER, SEAL 10	1	1						
65	2	22190-120002	WASHER, SEAL 12	2	2						
66	2	22287-120000	WASHER, 12	1	1						
67	2	22372-040000	PIN, SNAP 4	2	2						
68	2	23887-100002	PLUG, 10	1	1						
69	2	24341-000280	O-RING, 1AS28.0	1	1						
69-1	2	158552-61900	O-RING	1	1						N
	(A=EXXXXX)	(B=EXXXXX)									
70	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
71	2	26106-060102	BOLT, M6X 10 PLATED	1	1						
72	2	26106-060102	BOLT, M6X 10 PLATED	4	4						
73	2	26106-060142	BOLT, M6X 14 PLATED	2	2						
74	2	26106-060202	BOLT, M6X 20 PLATED	6	6						
75	2	26756-060002	NUT, LOCK M6	1	1						
76	2	26776-120002	NUT, LOCK M12	2	2						
77	1	26366-080002	NUT, M8	1	1						
78	1	171488-61440	LEVER, CONTROL	1							
79	1	129100-61440	LEVER, CONTROL		1						
80	1	129500-61650	SPRING, FUEL CONTROL	1	1						
81	1	129500-61700	SPRING, GOVERNOR	1	1						
82	1	119653-77950	SOLENOID, STOP	1	1						
83	1	26687-120002	NUT, CAP M12	1	1						
84	1	129155-61470	BOLT, CONTROL	1	1						
85	1	124756-67510	RETAINER	1	1						
86	1	22272-000070	RING, E- 7	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.65).

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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Fig.67. FUEL INJECTION VALVE

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729100-53100	VALVE ASSY,INJECTION	4	4						
2	2	129100-53000	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	1	129400-59810	PIPE ASSY, INJECTION	1	1						
29	1	129400-59820	PIPE ASSY, INJECTION	1	1						
33	1	129400-59830	PIPE ASSY, INJECTION	1	1						
37	1	129400-59840	PIPE ASSY, INJECTION	1	1						
41	1	129210-59150	PIPE ASSY, FUEL	1	1						
42	2	124766-59050	CLIP, HOSE 12	2	2						
44	1	124066-59100	CLIP, HOSE 8	9	9						
45	1	121250-59550	PIPE, FUEL D8X120	3	3						
46	1	119840-59560	PIPE, FUEL RETURN	1	1						
47	1	119840-59570	JOINT	1	1						
48	1	129150-59580	CAP	1	1						
49	1	129100-59951	VALVE ASSY, CHECK	1	1						
57	1	23414-120000	GASKET, 12X1.0	2	2						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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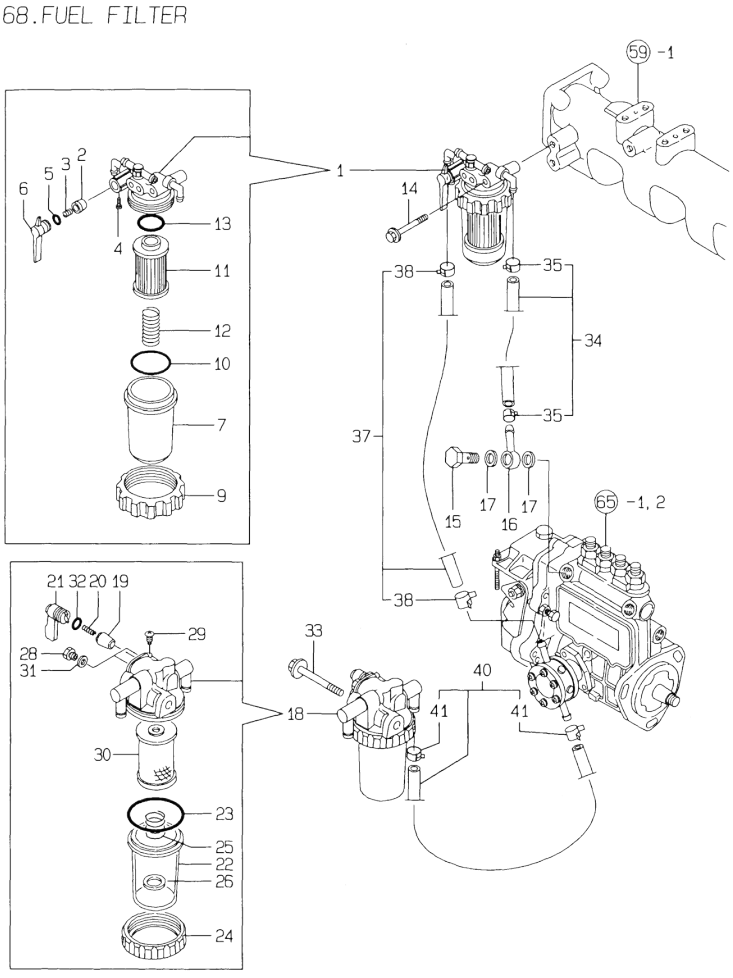
Fig.68. FUEL LINE

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
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	104200-55750	SCREW, M4	1	1						
5	2	24311-240100	O-RING, 1AP10A	1	1						
6	2	129100-55670	LEVER	1	1						
7	2	129100-55680	CUP, STRAINER	1	1						
9	2	129100-55690	RING, RETAINING	1	1						
10	2	24321-000650	O-RING, 1AG65.0	1	1						
11	2	129100-55650	ELEMENT	1	1						
12	2	129100-55700	SPRING	1	1						
13	2	24311-000160	O-RING, 1AP16.0	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	22190-120002	WASHER, SEAL 12	2	2						
18	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
19	2	104200-55321	VALVE, TAPER	1	1						
20	2	104200-55330	SPRING, VALVE	1	1						
21	2	104200-55341	HANDLE	1	1						
22	2	124064-55510	COVER	1	1						
23	2	102103-55520	O-RING	1	1						
24	2	110250-55610	RING, RETAINING	1	1						
25	2	121257-55720	SPRING	1	1						
26	2	121257-55731	FLOAT	1	1						
28	2	101720-55750	PLUG, 6	2	2						
29	2	104200-55750	SCREW, M4	1	1						
30	2	171081-55910	SCREEN	1	1						
31	2	23418-060000	GASKET, 6X1.0	2	2						
32	2	24311-240100	O-RING, 1AP10A	1	1						
33	1	26014-080702	BOLT, M8X 70	1	1						
34	1	129210-59040	PIPE ASSY, FUEL	1	1						
35	2	124766-59050	CLIP, HOSE 12	2	2						
37	1	129210-59150	PIPE ASSY, FUEL	1	1						
38	2	124766-59050	CLIP, HOSE 12	2	2						
40	1	129210-59200	PIPE ASSY, FUEL	1	1						
41	2	124766-59050	CLIP, HOSE 12	2	2						

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

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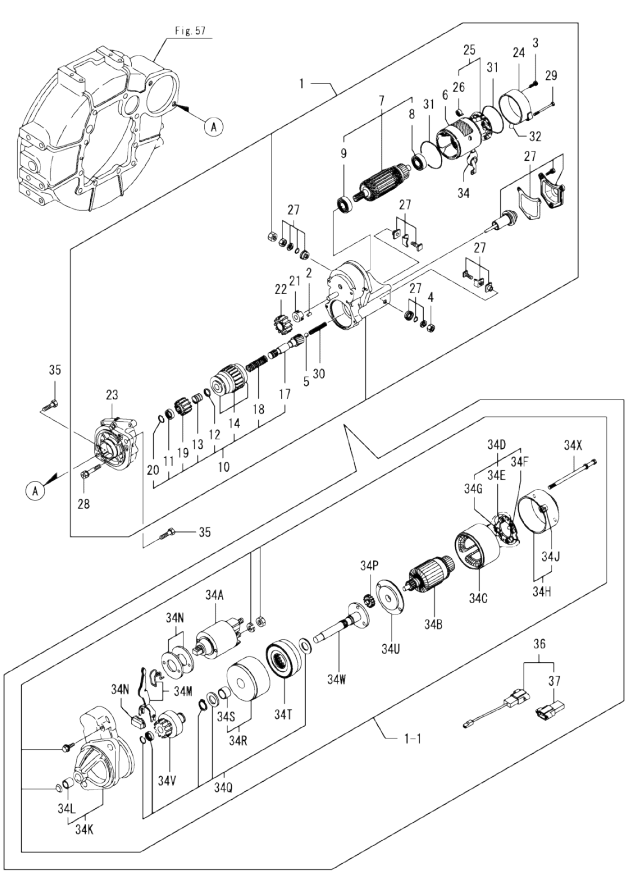
Fig.69. STARTING MOTOR

(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129407-77010	STARTER, RA1.4	1	1						
1-1	1	129608-77010	STARTER, S114-817A	1	1					F	1
	(A=E32444)	(B=E34080)									
2	2	X0283060061	ROLLER	5	5					Z	
	(A=E32444)	(B=E34080)									
3	2	X0289030010	SCREW	2	2					Z	
	(A=E32444)	(B=E34080)									
4	2	X9490561370	NUT	1	1					Z	
	(A=E32444)	(B=E34080)									
5	2	X9491200240	BALL	1	1					Z	
	(A=E32444)	(B=E34080)									
6	2	129407-77210	YOKE ASSY	1	1					Z	
	(A=E32444)	(B=E34080)									
7	2	129407-77220	ARMATURE ASSY	1	1					Z	
	(A=E32444)	(B=E34080)									
8	3	129129-77230	BEARING	1	1					Z	
	(A=E32444)	(B=E34080)									
9	3	129129-77240	BEARING	1	1					Z	
	(A=E32444)	(B=E34080)									
10	2	129407-77250	STARTER	1	1					Z	
	(A=E32444)	(B=E34080)									
11	3	X0280210230	NUT	1	1					Z	
	(A=E32444)	(B=E34080)									
12	3	X0283270140	RETAINER	1	1					Z	
	(A=E32444)	(B=E34080)									
13	3	129407-77410	SPRING	1	1					Z	
	(A=E32444)	(B=E34080)									
14	3	129407-77390	CLUTCH ASSY	1	1					Z	
	(A=E32444)	(B=E34080)									
17	3	129129-77400	SHAFT	1	1					Z	
	(A=E32444)	(B=E34080)									
18	3	129129-77410	SPRING, COIL	1	1					Z	
	(A=E32444)	(B=E34080)									
19	3	129129-77420	PINION, STARTER	1	1					Z	
	(A=E32444)	(B=E34080)									
20	3	129129-77430	RING	1	1					Z	
	(A=E32444)	(B=E34080)									
21	2	129129-77260	RETAINER	1	1					Z	
	(A=E32444)	(B=E34080)									
22	2	129129-77270	PINION	1	1					Z	
	(A=E32444)	(B=E34080)									
23	2	129407-77280	HOUSING	1	1					Z	
	(A=E32444)	(B=E34080)									
24	2	129129-77290	FRAME	1	1					Z	
	(A=E32444)	(B=E34080)									
25	2	129407-77300	HOLDER ASSY	1	1					Z	
	(A=E32444)	(B=E34080)									
26	3	X9491730461	SPRING	4	4					Z	
	(A=E32444)	(B=E34080)									
27	2	129407-77310	SWITCH ASSY	1	1					Z	
	(A=E32444)	(B=E34080)									

Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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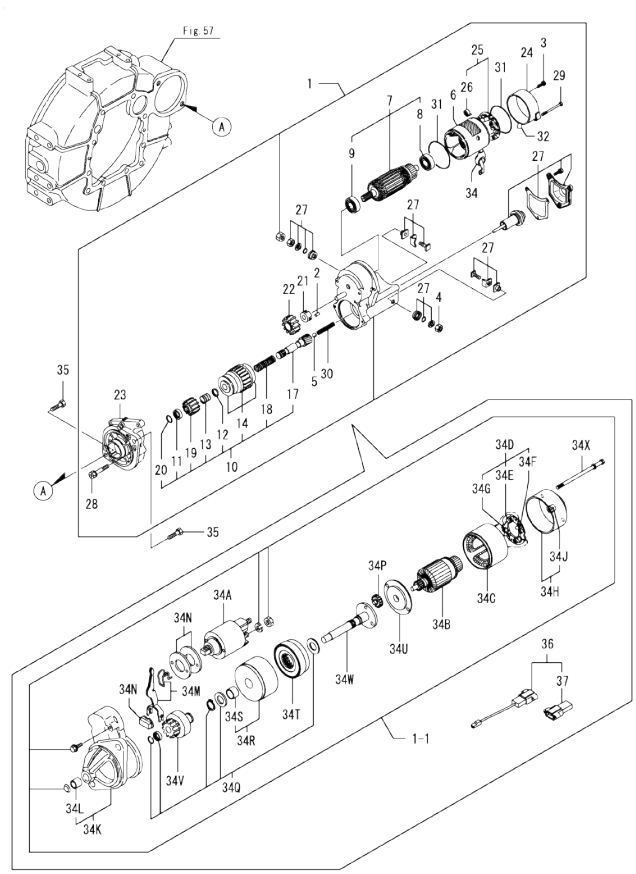
Fig.69. STARTING MOTOR



Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
28	2	129129-77320	BOLT	2	2					Z	
	(A=E32444)	(B=E34080)									
29	2	129407-77330	BOLT	2	2					Z	
	(A=E32444)	(B=E34080)									
30	2	129129-77340	SPRING	1	1					Z	
	(A=E32444)	(B=E34080)									
31	2	129129-77350	O-RING	2	2					Z	
	(A=E32444)	(B=E34080)									
32	2	129129-77361	BUSH	1	1					Z	
	(A=E32444)	(B=E34080)									
34	2	129129-77380	CAP	1	1					Z	
	(A=E32444)	(B=E34080)									
34A	2	129698-77020	SWITCH ASSY	1	1					W	
	(A=E32444)	(B=E34080)									
34B	2	129698-77101	ARMATURE ASSY	1	1					W	
	(A=E32444)	(B=E34080)									
34C	2	129608-77110	YOKE ASSY	1	1					W	
	(A=E32444)	(B=E34080)									
34D	2	129698-77120	HOLDER ASSY, BRUSH	1	1					W	
	(A=E32444)	(B=E34080)									
34E	3	129698-77140	BRUSH SET	1	1					W	
	(A=E32444)	(B=E34080)									
34F	3	129698-77130	BRUSH	2	2					W	
	(A=E32444)	(B=E34080)									
34G	3	129698-77150	SPRING, BRUSH	4	4					W	
	(A=E32444)	(B=E34080)									
34H	2	129698-77161	COVER ASSY	1	1					W	
	(A=E32444)	(B=E34080)									
34J	3	129698-77170	BEARING	1	1					W	
	(A=E32444)	(B=E34080)									
34K	2	129698-77260	CASE ASSY	1	1					W	
	(A=E32444)	(B=E34080)									
34L	3	X2114535200	METAL, STARTER	1	1					W	
	(A=E32444)	(B=E34080)									
34M	2	129698-77270	LEVER SET, SHIFT	1	1					W	
	(A=E32444)	(B=E34080)									
34N	2	129698-77280	COVER KIT	1	1					W	
	(A=E32444)	(B=E34080)									
34P	2	129698-77240	GEAR	3	3					W	
	(A=E32444)	(B=E34080)									
34Q	2	129698-77250	WASHER SET	1	1					W	
	(A=E32444)	(B=E34080)									
34R	2	129698-77180	BRACKET	1	1					W	
	(A=E32444)	(B=E34080)									
34S	3	129698-77190	BRACKET	1	1					W	
	(A=E32444)	(B=E34080)									
34T	2	129698-77200	GEAR, INTERNAL	1	1					W	
	(A=E32444)	(B=E34080)									
34U	2	129698-77210	BRACKET	1	1					W	
	(A=E32444)	(B=E34080)									
34V	2	129698-77220	PINION ASSY	1	1					W	

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

++ CONTINUE ++

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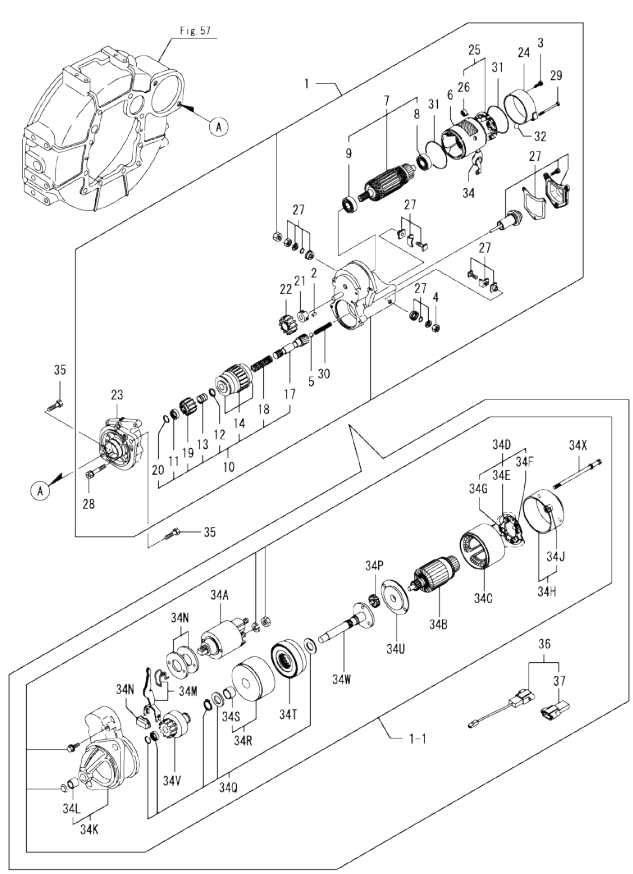
Fig.69. STARTING MOTOR

(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=E32444) (B=E34080)									
34W	2	129698-77230	SHAFT	1	1					W	
		(A=E32444) (B=E34080)									
34X	2	124195-77770	BOLT, THROUGH	2	2					W	
		(A=E32444) (B=E34080)									
35	1	26116-120252	BOLT, M12X 25 PLATED	2	2						
36	1	129052-77951	CONNECTOR, STARTER	1	1					W	1
		(A=E32444) (B=E34080)									
37	2	129052-77960	HOUSING	1	1					W	1
		(A=E32444) (B=E34080)									

Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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Fig.70. GENERATOR

(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1	1						
2	2	XM08137	PLATE ASSY	1	1						
4	3	XM08180	STATOR SET	1	1						
5	3	XM27436	BEARING, BALL	1	1						
6	3	XM17878	COUPLER	1	1						
7	3	XM36410	CLAMP	1	1						
8	3	26022-040252	SCREW, M4X25	2	2						
9	3	XYSPS4008	SCREW	1	1						
10	2	XM82184	FLYWHEEL ASSY	1	1						
16	2	106383-44720	SPACER	1	1						
17	2	106383-44730	WASHER	1	1						
18	2	22212-100000	SPRING WASHER 10	1	1						
19	2	26716-100002	NUT, M10	1	1						
21	1	129795-01900	STUD	1	1						
22	1	26366-100002	NUT, M10	1	1						
23	1	129410-77330	ADJUSTER	1	1						
24	1	119810-77340	BOLT, ADJUSTER	1	1						
25	1	26106-080502	BOLT, M8X 50 PLATED	1	1						

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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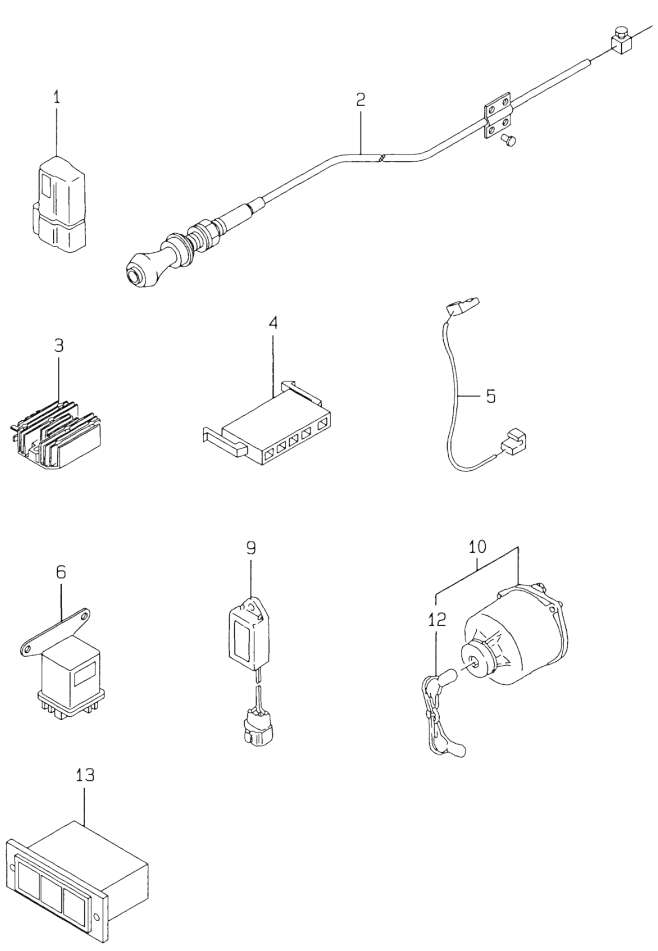
Fig.71. ELECTRICAL PARTS



(A)=4TNE84-GB2 (D)=
(B)=4TNE84-GB2S (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119643-66900	DIODE	1	1						
2	1	170029-67100	CABLE, PUSH-PULL		1						
3	1	119660-77710	LIMITER, CURRENT 15A	1	1						
3-1	1	119660-77711	LIMITER, CURRENT 15A	1	1					N	
	(A=E15601)		(B=E15851)								
4	1	171301-77720	COUPLER	1	1						
5	1	119643-77900	CONNECTOR, STARTER	1	1						
6	1	119650-77910	RELAY ASSY, GLOW	1	1						
9	1	119632-77920	TIMER	1	1						
10	1	129115-91250	SWITCH ASSY	1	1						
12	2	129115-91270	KEY ASSY	1	1						
13	1	170038-91310	LAMP	1	1						

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

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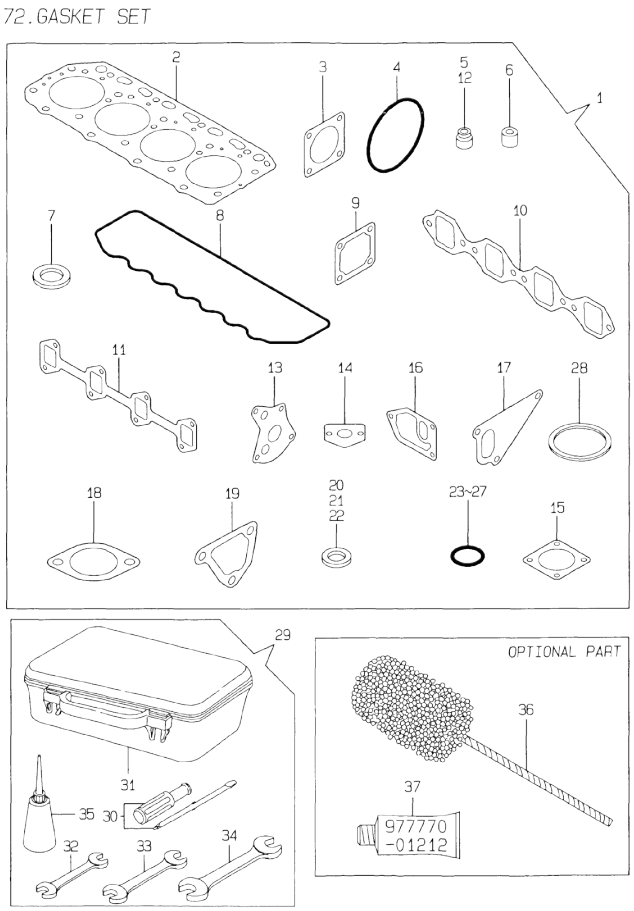
Fig.72. GASKET SET & TOOLS



(A)=4TNE84-GB2
(B)=4TNE84-GB2S
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729408-92600	GASKET SET	1	1						1
2	2	129408-01330	GASKET, HEAD	1	1						
3	2	124240-01883	GASKET	1	1						
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	129550-13110	GASKET	1	1						
12	2	121400-11340	SEAL, VALVE STEM	4	4						
13	2	129150-32020	GASKET, PUMP	1	1						
14	2	129150-35041	GASKET	1	1						
15	2	129400-13201	GASKET, SILENCER	1	1						
16	2	129120-35121	GASKET	1	1						
17	2	129100-42020	GASKET, WATER PUMP	1	1						
18	2	129795-49551	GASKET	1	1						
19	2	129100-49840	GASKET	1	1						
20	2	124465-44950	GASKET, 16	2	2						
21	2	23414-120000	GASKET, 12X1.0	2	2						
22	2	23414-100000	GASKET, 10X1.0	2	2						
23	2	24311-000120	O-RING, 1AP12.0	3	3						
24	2	24311-000160	O-RING, 1AP16.0	3	3						
25	2	24341-000240	O-RING, 1AS24.0	1	1						
26	2	24311-000320	O-RING, 1AP32.0	2	2						
27	2	24341-000500	O-RING, 1AS50.0	1	1						
28	2	129150-49811	GASKET, THERMOSTAT	1	1						
29	1	721400-92102	BOX ASSY, TOOL	1	1						
30	2	104200-92350	DRIVER, SCREW	1	1						
31	2	104200-92600	BOX, TOOL	1	1						
32	2	28110-100120	SPANNER, 10X12	1	1						
33	2	28110-140170	SPANNER, 14X17	1	1						
34	2	28110-190220	SPANNER, 19X22	1	1						
35	2	28210-000140	OILER	1	1						
36	1	129400-92420	HONE	1	1						1
37	1	977770-01212	GASKET, LIQUID	1	1						1

Remarks
(1) OPTIONAL PART.

N:Old ◂Yes/No▸ New. Q:Old ◂No/Yes▸ New. R:Old ◂Yes/Yes▸ New. S:Old ◂No/No▸ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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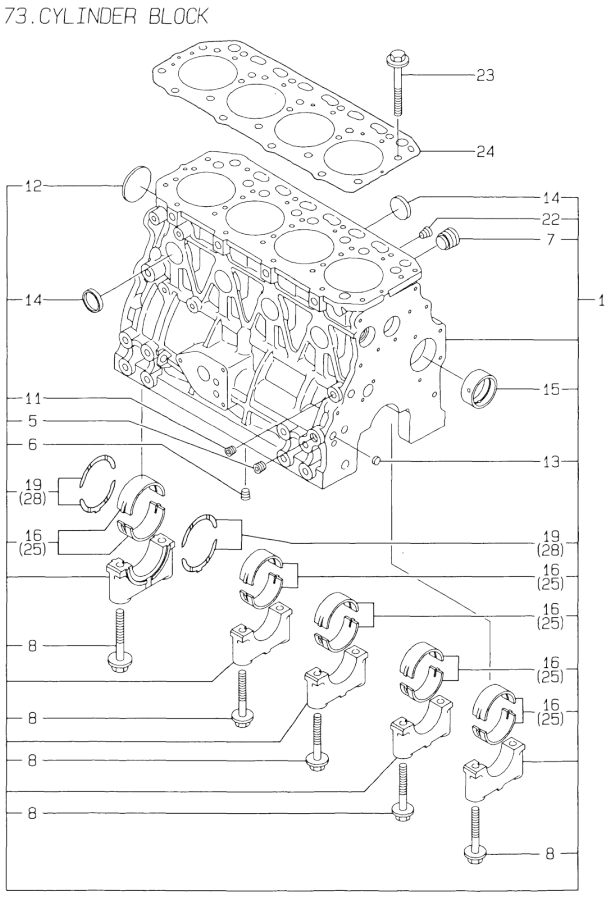
Fig.73. CYLINDER BLOCK

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729638-01560	BLOCK ASSY, CYLINDER	1							
5	2	124160-01910	PLUG, PT1/4	2							
6	2	124160-01910	PLUG, PT1/4	1							
7	2	171051-01921	PLUG, NPTF1	1							
8	2	129150-02020	BOLT, METAL CAP	10							
11	2	23871-010000	PLUG, R01	1							
12	2	27231-500000	PLUG 50	1							
13	2	27241-120000	PLUG, 12	2							
14	2	27241-300000	PLUG 30	8							
15	2	129795-02411	BUSH, CAMSHAFT	1							
16	2	129001-02800	BEARING, MAIN	5							
19	2	129150-02930	BEARING, THRUST	2							
22	1	23871-030000	PLUG, R03	1							
23	1	129150-01200	BOLT, HEAD	18							
24	1	129408-01330	GASKET, HEAD	1							
25	1	129150-02870	BEARING, 0.25 US	5							1
28	1	129150-02940	BEARING, THRUST 0.25	2							2

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

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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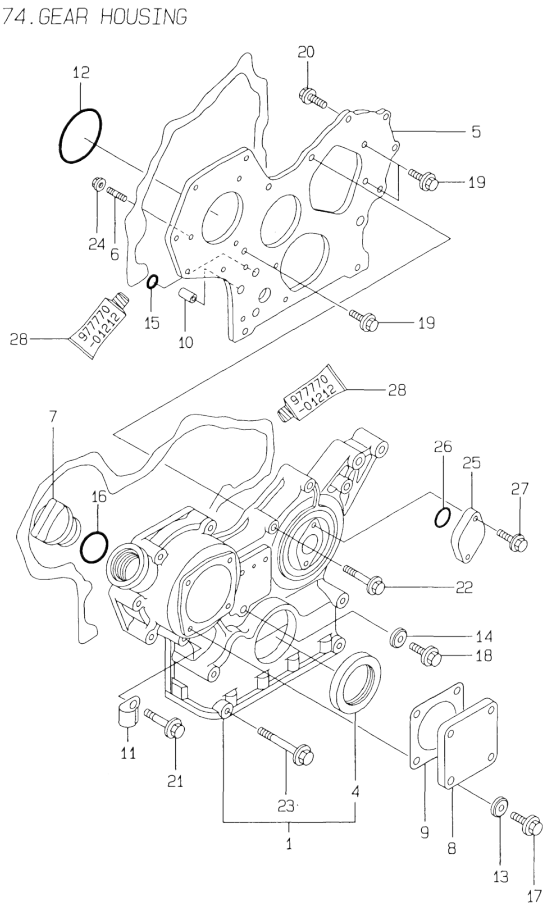
Fig.74. GEAR HOUSING

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	719810-01500	CASE ASSY, GEAR	1							
4	2	129795-01800	SEAL, OIL	1							
5	1	129400-01520	FLANGE, GEAR CASE	1							
6	1	121450-01560	STUD, M8X22	3							
7	1	124160-01751	COVER, FILLER	1							
8	1	124240-01871	COVER	1							
9	1	124240-01883	GASKET	1							
10	1	129795-01950	PIPE, KNOCK L=18	2							
11	1	129150-03100	RETAINER, PIPE	1							
12	1	121850-51960	O-RING	1							
13	1	22190-080002	WASHER, SEAL 6	4							
14	1	22190-080002	WASHER, SEAL 6	1							
15	1	24311-000160	O-RING, 1AP16.0	2							
16	1	24311-000320	O-RING, 1AP32.0	1							
17	1	26106-080122	BOLT, M8X 12 PLATED	4							
18	1	26106-080162	BOLT, M8X 16 PLATED	1							
19	1	26106-080162	BOLT, M8X 16 PLATED	3							
20	1	26106-080202	BOLT, M8X 20 PLATED	2							
21	1	26106-080452	BOLT, M8X 45 PLATED	6							
22	1	26106-080552	BOLT, M8X 55 PLATED	3							
23	1	129001-91840	BOLT, M8X85	4							
24	1	26366-080002	NUT, M8	3							
25	1	121023-01550	COVER	1							
26	1	24341-000240	O-RING, 1AS24.0	1							
27	1	26106-060162	BOLT, M6X 16 PLATED	2							
28	1	977770-01212	GASKET, LIQUID	1							1

Remarks
(1) OPTIONAL PART.

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

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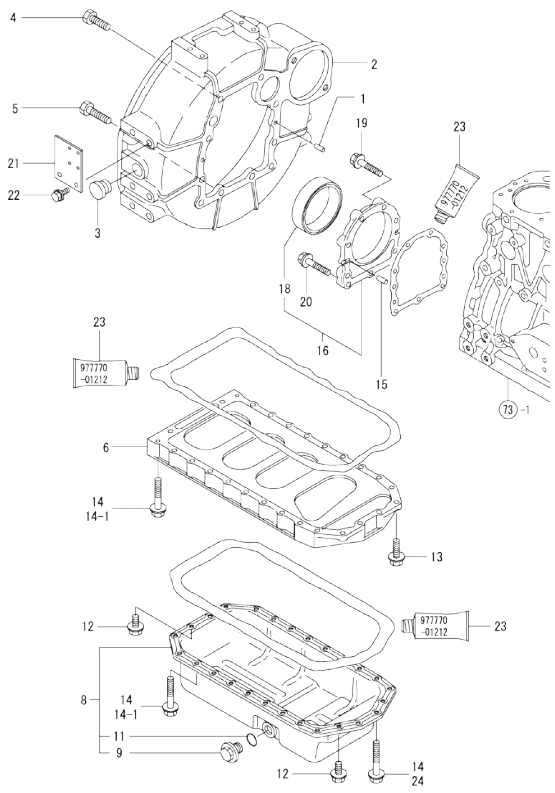
Fig.75. FLYWHEEL HOUSING & OIL SUMP

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129100-01580	PIN, M8X16	2							
2	1	129612-01600	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26206-100252	BOLT, M10X 25 PLATED	6							
5	1	26206-100302	BOLT, M10X 30 PLATED	4							
6	1	129400-01730	SPACER, OIL SUMP	1							
8	1	129400-01770	SUMP ASSY, OIL	1							
8-1	1	129688-01780	OIL PAN ASSY, DEEP	1						N	2
	(A=REF. TO R)										
9	2	171301-01640	PLUG, 22	1							
11	2	24341-000250	O-RING, 1AS25.0	1							
12	1	26106-080162	BOLT, M8X 16 PLATED	4							
13	1	26106-080252	BOLT, M8X 25 PLATED	2							
14	1	26106-080452	BOLT, M8X 45 PLATED	24							
14-1	1	26106-080452	BOLT, M8X 45 PLATED	20						K	
	(A=FROM 1ST)										
15	1	129100-01580	PIN, M8X16	2							
16	1	129100-01640	CASE ASSY, OIL SEAL	1							
18	2	129795-01780	SEAL, OIL	1							
19	1	129486-01670	BOLT, M8X30	6							
20	1	26106-080352	BOLT, M8X 35 PLATED	3							
21	1	129111-67010	SUPPORT, WIRE	1							
22	1	26106-080162	BOLT, M8X 16 PLATED	2							
23	1	977770-01212	GASKET, LIQUID	1							1
24	1	26106-080502	BOLT, M8X 50 PLATED	4						W	
	(A=FROM 1ST)										

Remarks
(1)Optional parts.
(2)For repair.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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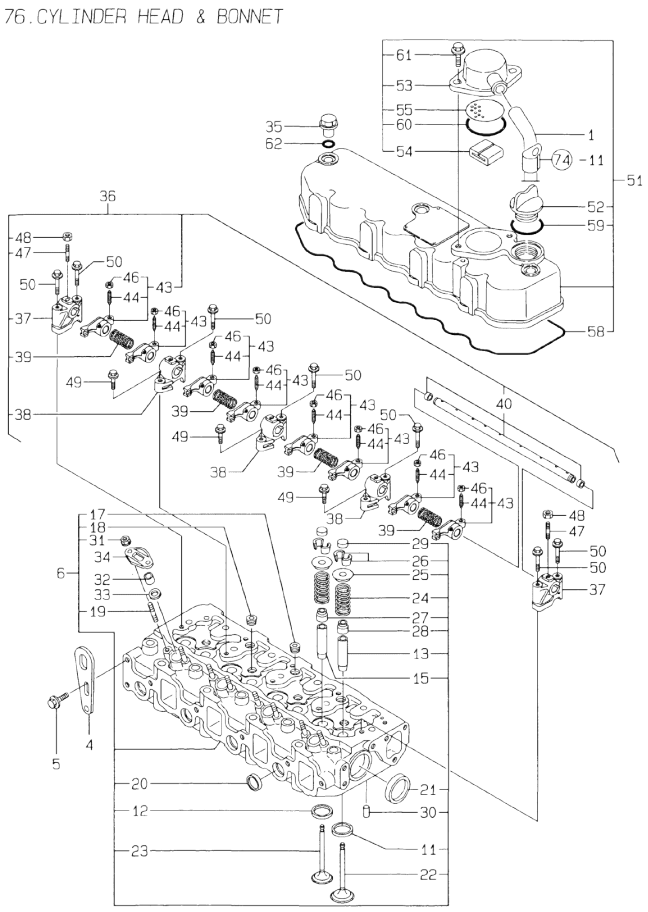
Fig.76. CYLINDER HEAD & BONNET

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171350-03090	PIPE , BREATHER 900	1							
4	1	124736-07900	LIFTER	2							
5	1	26106-080142	BOLT, M8X 14 PLATED	4							
6	1	729408-11700	HEAD ASSY, CYLINDER	1							
11	2	129470-11080	SEAT, INTAKE VALVE	4							
12	2	129470-11090	SEAT, EXHAUST VALVE	4							
13	2	120130-11860	GUIDE, VALVE	4							1
15	2	129150-11810	GUIDE, VALVE	4							1
17	2	23871-020000	PLUG, R02	3							
18	2	23871-030000	PLUG, R03	4							
19	2	26216-060202	STUD, M6X 20	8							
20	2	27241-220000	PLUG, 22	4							
21	2	27241-400000	PLUG, 40	2							
22	2	129100-11100	VALVE, INTAKE	4							
23	2	129100-11130	VALVE, EXHAUST	4							
24	2	129795-11120	SPRING, VALVE	8							
25	2	129795-11180	RETAINER, SPRING	8							
26	2	27310-080001	COTTER, 8	8							
27	2	121400-11340	SEAL, VALVE STEM	4							
28	2	124460-11340	SEAL, VALVE STEM	4							
29	2	129150-11370	CAP, VALVE	8							
30	2	22351-060012	PIN, SPRING 6.0X12	2							
31	2	26366-060002	NUT, M6	8							
32	1	119625-11870	PROTECTOR, NOZZLE	4							
33	1	119625-11880	SEAT, NOZZLE	4							
34	1	119625-11900	RETAINER, NOZZLE	4							
35	1	124160-11360	KNOB	3							
36	1	129555-11241	SHAFT ASSY, ROCKER	1							
37	2	129155-11260	SUPPORT, ROCKER ARM	2							
38	2	129155-11270	SUPPORT, ROCKER ARM	3							
39	2	129150-11280	SPRING	4							
40	2	129550-11290	SHAFT, ROCKER ARM	1							
43	2	729402-11650	ARM ASSY, ROCKER	8							
44	3	129150-11230	SCREW, VALVE ADJUST	8							
46	3	129150-11750	NUT, M8	8							
47	2	26226-080182	STUD, M8X 18	3							
48	2	26756-080002	NUT, LOCK M8	3							
49	1	26106-080252	BOLT, M8X 25 PLATED	3							
50	1	26106-080502	BOLT, M8X 50 PLATED	7							
51	1	129400-11350	BONNET ASSY, HEAD	1							
52	2	124160-01751	COVER, FILLER	1							
53	2	129150-03020	COVER, BREATHER	1							
54	2	129150-03070	BAFFLE, BREATHER	1							
55	2	129150-03080	PLATE, BAFFLE	1							
58	2	129550-11310	GASKET, BONNET	1							
59	2	24311-000320	O-RING, 1AP32.0	1							
60	2	24341-000500	O-RING, 1AS50.0	1							
61	2	26106-080162	BOLT, M8X 16 PLATED	2							
62	1	24311-000120	O-RING, 1AP12.0	3							

Remarks
(1) REPAIR PART.

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

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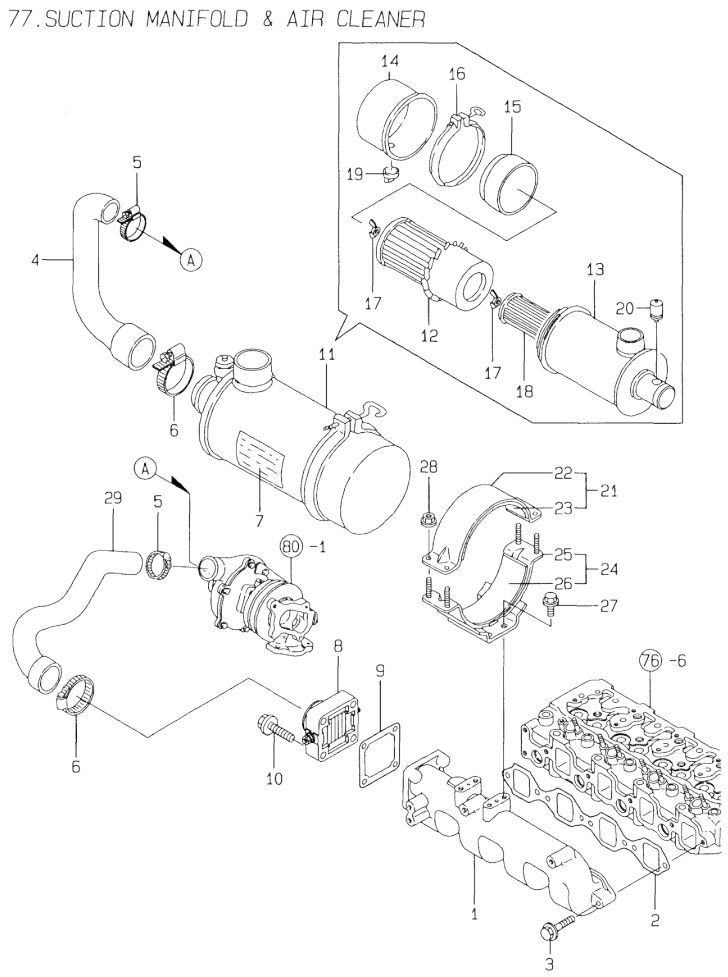
Fig.77. SUCTION MANIFOLD & AIR CLEANER

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129488-12100	MANIFOLD, AIR INTAKE	1							
2	1	129550-12111	GASKET, MANIFOLD	1							
3	1	26106-080352	BOLT, M8X 35 PLATED	5							
4	1	129488-12070	PIPE, AIR INTAKE	1							
5	1	23000-060000	CLAMP, 60	2							
6	1	23000-070000	CLAMP, 70	2							
7	1	171064-12600	LABEL, AIR CLEANER	1							
8	1	129120-77501	HEATER	1							
9	1	129150-77511	GASKET	1							
10	1	26106-080352	BOLT, M8X 35 PLATED	4							
11	1	121521-12500	CLEANER ASSY, AIR	1							
12	2	121420-12511	ELEMENT	1							
13	2	171061-12520	BODY ASSY	1							
14	2	121422-12530	CUP	1							
15	2	121420-12540	SCARF, BAFFLE	1							
16	2	121420-12550	CLAMP ASSY	1							
17	2	121420-12561	NUT, WING	2							
18	2	121422-12570	ELEMENT	1							
19	2	121422-12580	VALVE, UNLOADER	1							
20	2	126650-12680	INDICATOR	1							
21	1	121400-12540	BAND ASSY, CLEANER	1							
22	2	121400-12560	BAND, AIR CLEANER	1							
23	2	121400-12570	SEAT, RUBBER B	1							
24	1	171351-12580	SUPPORT ASSY,CLEANER	1							
25	2	171351-12560	SUPPORT, AIR CLEANER	1							
26	2	171351-12570	SEAT, RUBBER	1							
27	1	26106-080142	BOLT, M8X 14 PLATED	4							
28	1	26366-060002	NUT, M6	4							
29	1	129488-12080	PIPE, AIR INTAKE	1							

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

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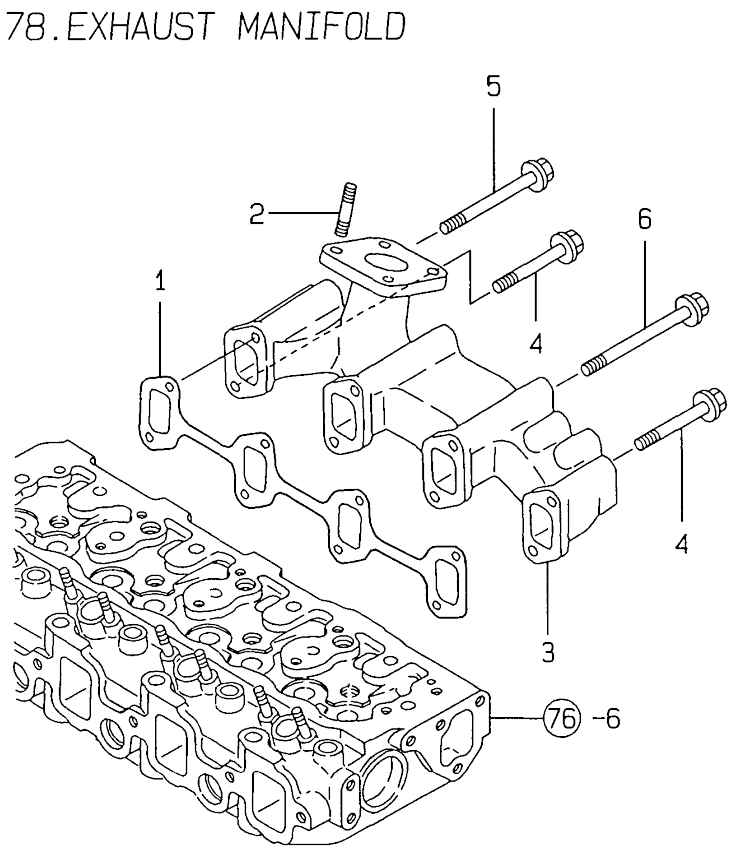
Fig.78. EXHAUST MANIFOLD

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129550-13110	GASKET	1							
2	1	119131-18320	STUD, M8X22	4							
3	1	129403-13120	MANIFOLD, EXHAUST	1							
4	1	26106-080652	BOLT, M8X 65 PLATED	3							
4-1	1	119802-13650	BOLT, M8X65	3							N
	(A=*2002.09)										
5	1	26106-080852	BOLT, M8X 85 PLATED	1							
5-1	1	119802-13670	BOLT, M8X85	1							N
	(A=*2002.09)										
6	1	26106-081002	BOLT, M8X100 PLATED	4							
6-1	1	129693-44310	BOLT	4							N
	(A=*2002.09)										
6-2	1	119802-13820	BOLT, M8X100 9.8T	4							N
	(A=*2009.12)										

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

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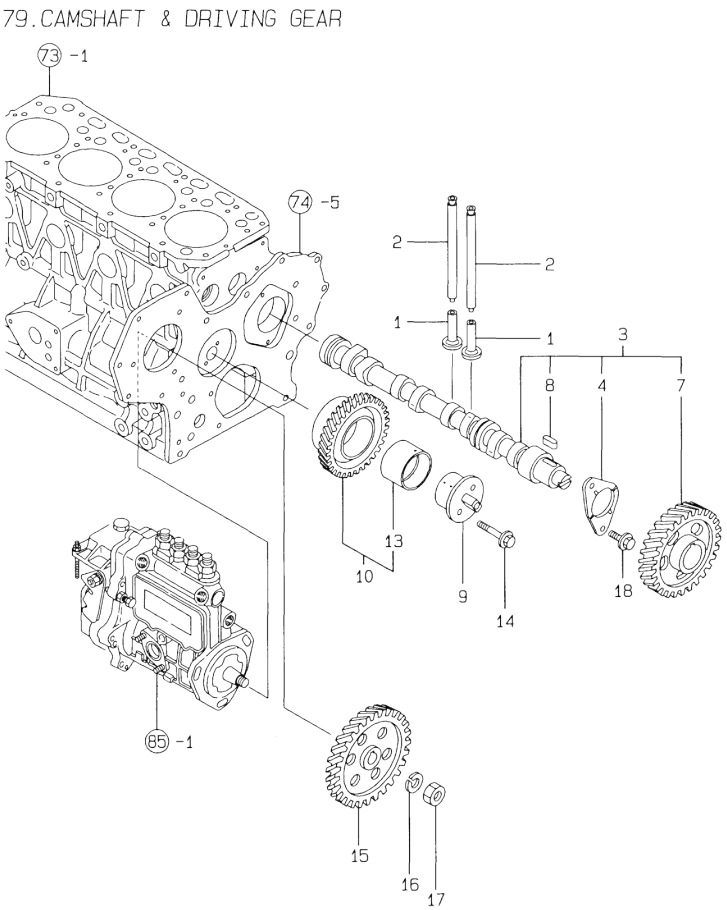
Fig.79. CAMSHAFT & DRIVING GEAR



(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129150-14200	TAPPET	8							
2	1	129150-14400	ROD, PUSH L=178	8							
3	1	729402-14580	CAMSHAFT ASSY	1							
4	2	129150-02450	BEARING, THRUST	1							
7	2	129150-14101	GEAR, CAMSHAFT	1							
8	2	22512-070140	KEY, 7X 14	1							
9	1	129100-25061	SHAFT, IDLE	1							
10	1	129150-25101	GEAR ASSY, IDLE	1							
13	2	129150-25920	BUSH, IDLE GEAR	1							1
14	1	26106-080452	BOLT, M8X 45 PLATED	2							
15	1	129150-25900	GEAR, PUMP	1							
16	1	22217-120000	WASHER, SPRING 12	1							
17	1	26716-120002	NUT, M12	1							
18	1	26106-080162	BOLT, M8X 16 PLATED	2							

Remarks
(1) REPAIR PART.

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\!\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\!\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\!\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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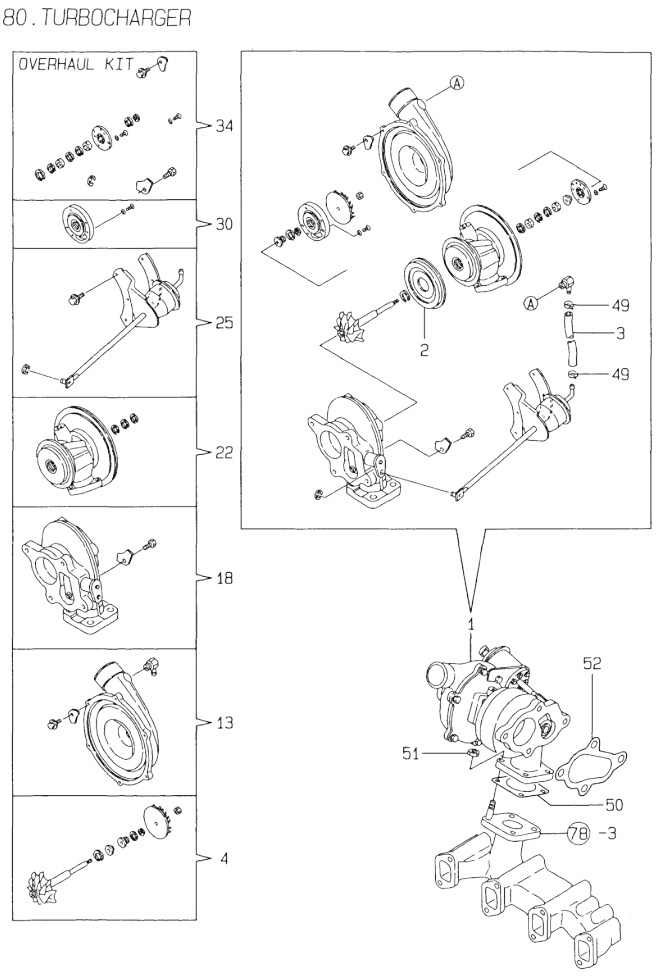
Fig.80. TURBO CHARGER

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129404-18020	TURBINE, RHB51	1							
2	2	129404-18720	PROTECTOR, HEAT	1							
3	2	129404-18750	HOSE	1							
4	2	129404-18770	ROTOR SET	1							
13	2	129404-18780	HOUSING SET	1							
18	2	129404-18790	HOUSING ASSY	1							
22	2	129404-18800	HOUSING SET	1							
25	2	129404-18811	CONTROLLER ASSY	1							
30	2	129404-18820	PLATE	1							
34	2	129404-18830	OVERHAUL KIT	1							
49	2	23080-012000	CLAMP, 12	2							
50	1	129322-18100	GASKET	1							
51	1	194990-22050	NUT, M8	4							
52	1	129403-18081	GASKET	1							

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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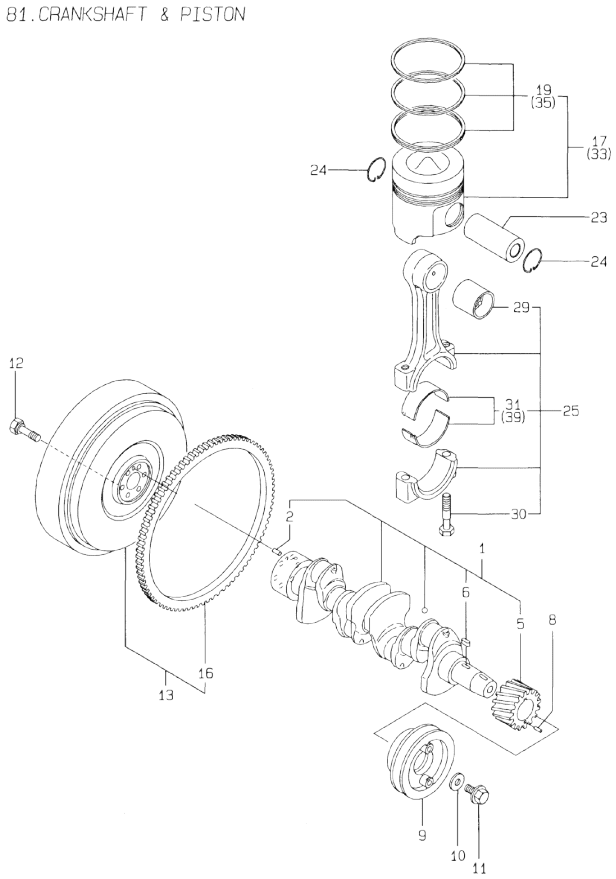
Fig.81. CRANKSHAFT & PISTON

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129418-21000	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
5	2	129150-21200	GEAR, CRANKSHAFT	1							
6	2	22512-070140	KEY, 7X 14	1							
8	1	22351-040010	PIN, SPRING 4.0X10	1							
9	1	171301-21650	V-PULLEY	1							
10	1	129795-21661	WASHER	1							
11	1	121850-21680	BOLT	1							
12	1	121111-21501	BOLT, FLYWHEEL	6							
13	1	171420-21580	FLYWHEEL ASSY	1							
16	2	119865-21600	GEAR, RING	1							
17	1	129002-22090	PISTON ASSY	4							
19	2	129002-22510	RING SET, PISTON	4							
23	1	129202-22300	PIN, PISTON D26 L70	4							
24	1	22252-000260	RING, 26	8							
25	1	729402-23100	ROD ASSY, CONNECTING	4							
29	2	129100-23910	BEARING, PISTON PIN	4							1
30	2	121550-23200	BOLT, CONNECTING ROD	8							
31	2	129150-23600	BEARING, CRANK PIN	4							
33	1	129002-22910	PISTON ASSY, 0.25 OS	4							2
35	2	129002-22510	RING SET, PISTON	4							2
39	1	129150-23610	BEARING, 0.25 US	4							3

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

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

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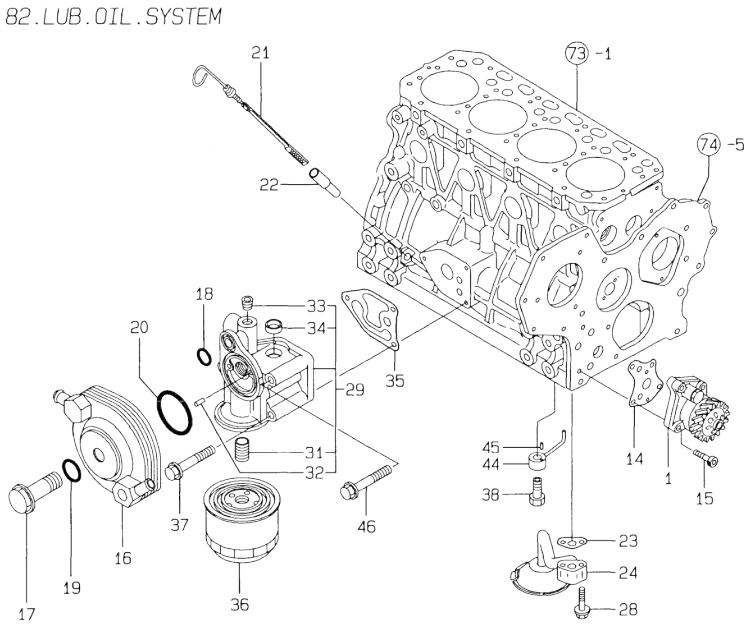
Fig.82. LUB. OIL SYSTEM

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129418-32000	PUMP ASSY, OIL	1							
14	1	129150-32020	GASKET, PUMP	1							
15	1	26450-060252	BOLT, M6X 25	4							
16	1	129103-33031	COOLER, OIL	1							
17	1	129103-33132	BOLT	1							
18	1	24311-000200	O-RING, 1AP20.0	1							
19	1	24311-000210	O-RING, 1AP21.0	1							
20	1	24321-000550	O-RING, 1AG55.0	1							
21	1	129403-34800	DIPSTICK, OIL	1							
22	1	121520-34810	GUIDE, DIPSTICK	1							
23	1	129150-35041	GASKET	1							
24	1	129436-35091	PIPE ASSY, OIL INLET	1							
28	1	26106-080352	BOLT, M8X 35 PLATED	2							
29	1	129418-35100	BRACKET ASSY	1							
31	2	129100-35140	STUD	1							
32	2	22312-060080	PIN, PARALLEL M6X 8	2							
33	2	23871-020000	PLUG, R02	1							
34	2	27241-200000	PLUG, 20	1							
35	1	129103-35122	GASKET	1							
36	1	129150-35151	FILTER, D80XL80	1							
37	1	26106-080752	BOLT, M8X 75 PLATED	2							
38	1	129792-39410	VALVE ASSY, CHECK	4							
44	1	129553-39650	NOZZLE	4							
45	1	22351-030010	PIN, SPRING 3.0X10	4							
46	1	26106-080702	BOLT, M8X 70 PLATED	1							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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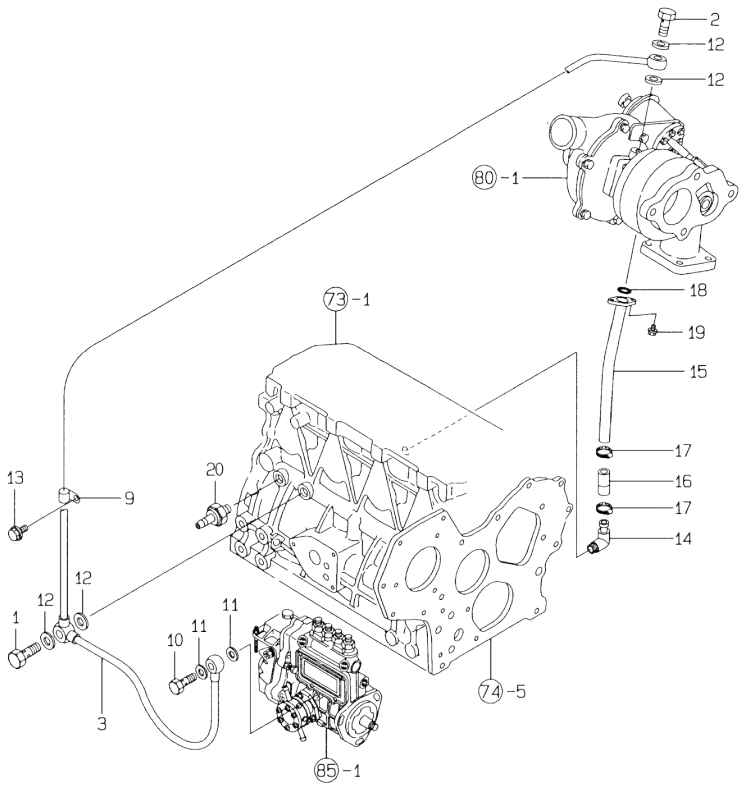
Fig.83. LUB. OIL LINE

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=

83.LUB.OIL PIPE



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	124160-39140	BOLT, PIPE JOINT M10	1							
2	1	121252-39150	BOLT, JOINT M10X1.5	1							
3	1	129403-39460	PIPE ASSY, OIL	1							
9	1	124223-39900	RETAINER	1							
10	1	124550-59820	BOLT, PIPE JOINT M8	1							
11	1	22190-080002	WASHER, SEAL 6	2							
12	1	23414-100000	GASKET, 10X1.0	4							
13	1	26106-080102	BOLT, M8X 10 PLATED	1							
14	1	124070-13300	ELBOW, PT3/8	1							
15	1	129503-39600	PIPE, OIL	1							
16	1	129506-39610	JOINT, RUBBER	1							
17	1	23000-025000	CLAMP, 25	2							
18	1	24314-000160	O-RING, 4CP16.0	1							
19	1	26106-060162	BOLT, M6X 16 PLATED	2							
20	1	124160-39450	SWITCH, 0.5KG	1							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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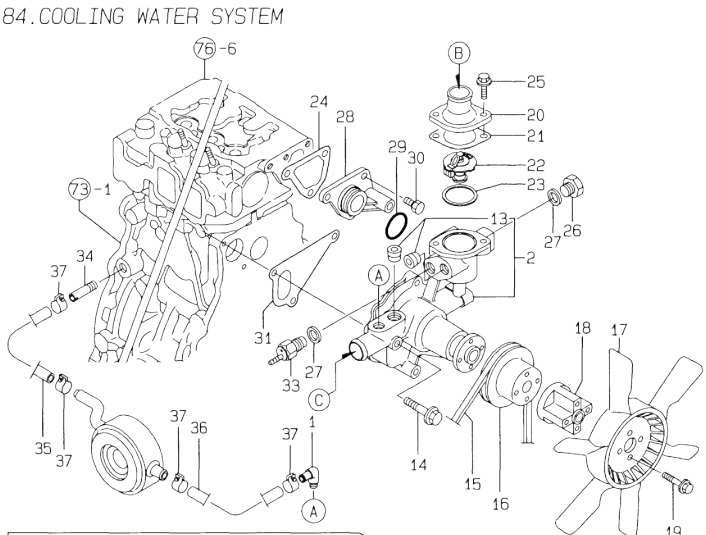
Fig.84. COOLING WATER SYSTEM

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129103-49301	ELBOW, PT1/4	1							
2	1	129001-42002	PUMP ASSY, WATER	1							
13	2	23871-030000	PLUG, R03	2							
14	1	26106-080602	BOLT, M8X 60 PLATED	3							
15	1	119865-42290	V-BELT, A36.5	1							
16	1	129155-42350	V-PULLEY	1							
17	1	129403-44740	FAN, COOLING 370	1							
18	1	171353-44760	SPACER, FAN	1							
19	1	26106-060352	BOLT, M6X 35 PLATED	4							
20	1	129350-49560	COVER, THERMOSTAT	1							
21	1	129795-49551	GASKET	1							
22	1	129155-49800	THERMOSTAT, 71	1							
23	1	129150-49811	GASKET, THERMOSTAT	1							
24	1	129100-49840	GASKET	1							
25	1	26106-080202	BOLT, M8X 20 PLATED	2							
26	1	121450-42450	PLUG, M16	1							
27	1	124465-44950	GASKET, 16	2							
28	1	129001-42040	JOINT	1							
29	1	24321-000300	O-RING, 1AG30.0	1							
30	1	26106-080162	BOLT, M8X 16 PLATED	3							
31	1	129100-42020	GASKET, WATER PUMP	1							
32	1	121750-49110	JOINT	1							
33	1	121250-44901	SWITCH, 110	1							
34	1	129122-44480	JOINT	1							
35	1	129403-49031	PIPE, WATER	1							
36	1	129403-49050	PIPE, WATER	1							
37	1	23000-022000	CLAMP, 22	4							
38	1	129137-49100	JOINT	1							
39	1	129420-44560	PROTECTOR, FAN	1							
40	1	124450-44510	TANK ASSY, SUB	1							
42	2	124450-44530	CAP	1							
43	2	124450-44560	RETAINER	1							
44	2	23061-070230	PIPE, 7X 230	1							
45	1	124450-44550	BAND	1							
46	1	121256-44600	BRACKET, SUB TANK	1							
47	1	171420-49010	PIPE, WATER	1							
48	1	171420-49020	PIPE, WATER	1							
49	1	23010-038000	CLAMP, 38	4							
50	1	124764-44800	LABEL, RADIATOR	1							
51	1	124764-44810	LABEL, SUB TANK	1							
52	1	121400-44910	LABEL, RADIATOR	1							
53	1	121450-49110	COCK ASSY, 3-WAY	1							
55	2	121250-49121	PLUG, DRAIN	1							
56	2	24311-000160	O-RING, 1AP16.0	1							
57	1	129408-44500	RADIATOR	1							
58	2	119259-44570	CAP, RADIATOR	1							
60	2	129132-44530	HOSE, RUBBER	1							
61	2	129420-44550	SHROUD ASSY	1							
62	2	121250-44590	CLAMP	2							
63	2	26014-060122	BOLT, M6X 12	4							

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftarrow\rightarrow}}$ New. S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftarrow\rightarrow}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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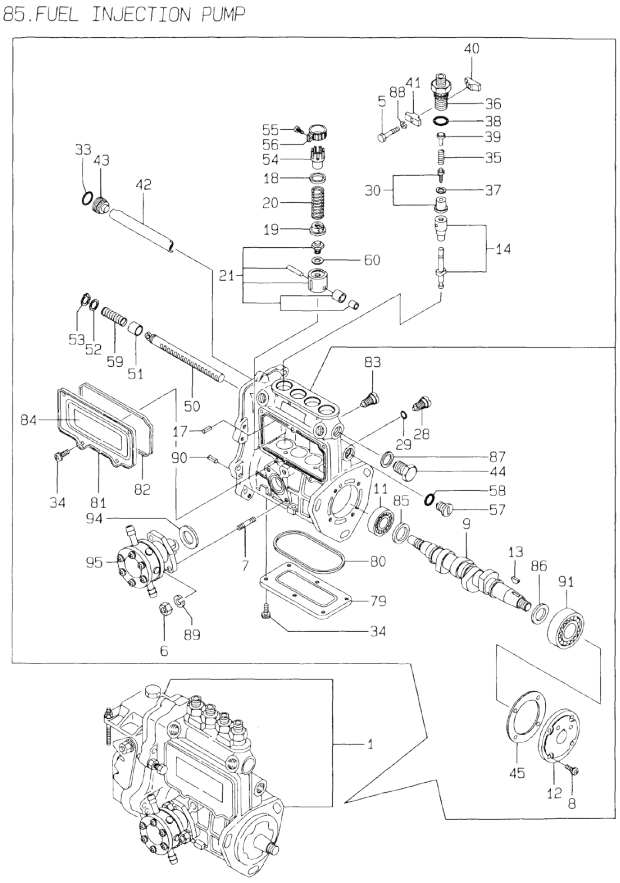
Fig.85. FUEL INJECTION PUMP

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



Remarks
(1)GOVERNOR ASSY(FIG.86)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729613-51410	PUMP ASSY, INJECTION	1							1
5	2	26116-050302	BOLT, M5X 30 PLATED	2							
6	2	26716-060002	NUT, M6	2							
7	2	129155-51020	STUD	2							
8	2	26022-060162	SCREW, M6X16	4							
9	2	129470-51040	CAMSHAFT	1							
11	2	129155-51050	BEARING, 17BM001D	2							
12	2	129155-51060	SUPPORT, CAMSHAFT	1							
13	2	122710-51090	KEY	1							
14	2	129412-51200	PLUNGER ASSY	4							
17	2	129155-51140	PIN	4							
18	2	174307-51170	RETAINER, SPRING A	4							
19	2	129155-51180	RETAINER, SPRING	4							
20	2	124950-51190	SPRING, PLUNGER	4							
21	2	129155-51200	TAPPET ASSY	4							
28	2	129155-51270	STOPPER, TAPPET	4							
29	2	129155-51280	O-RING, S6	4							
30	2	105300-51300	VALVE ASSY, DELIVERY	4							
33	2	24341-000160	O-RING, 1AS16.0	1							
34	2	26022-050102	SCREW, M5X10	11							
35	2	129155-51320	SPRING, DELIVERY	4							
36	2	129155-51340	RETAINER	4							
37	2	124550-51350	GASKET, DELIVERY	4							
38	2	124550-51370	O-RING	4							
39	2	129155-51370	STOPPER, VALVE	4							
40	2	129155-51380	STOPPER	2							
41	2	129155-51390	STOPPER	2							
42	2	129555-51400	DEFLECTOR	1							
43	2	129155-51410	BOLT	1							
44	2	129155-51420	PLUG, M16	1							
45	2	129155-51450	SHIM SET, ADJUSTING	1							
50	2	129555-51500	RACK, CONTROL	1							
51	2	129155-51521	BUSH, RACK	1							
52	2	129155-51530	SPACER	1							
53	2	129155-51540	CIRCLIP	1							
54	2	129155-51550	PINION, CONTROL	4							
55	2	122117-51560	SCREW	4							
56	2	174307-51560	PINION	4							
57	2	129155-51570	PLUG, M12	1							
58	2	129155-51580	O-RING	1							
59	2	129155-51591	SPRING, RACK	1							
60	2	129155-51600	SHIM SET, ADJUSTING	4							
79	2	129555-51700	COVER	1							
80	2	129555-51710	GASKET	1							
81	2	129555-51750	COVER	1							
82	2	129555-51760	GASKET	1							
83	2	129155-51790	STOOPER, RACK	1							
84	2	129156-51910	LABEL, CAUTION	1							
85	2	129155-51930	SPACER, T=3.25	1							
86	2	129155-51940	SPACER, T=1.5	1							
87	2	22190-160002	WASHER, SEAL 16	1							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

++ CONTINUE ++

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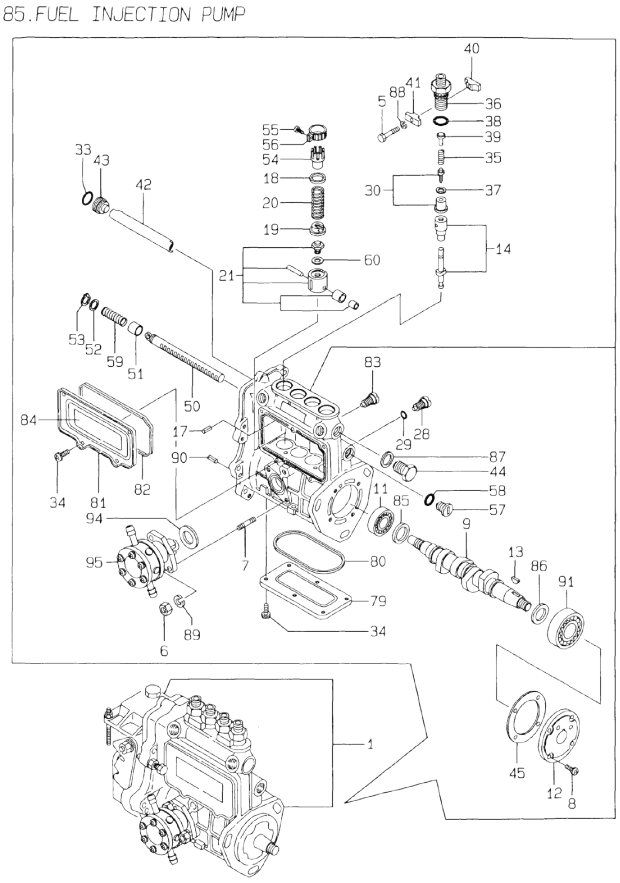
Fig.85. FUEL INJECTION PUMP

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
88	2	22217-050000	WASHER, SPRING 5	2							
89	2	22217-060000	WASHER, SPRING 6	2							
90	2	22351-050010	PIN, SPRING 5.0X10	2							
91	2	24101-063034	BEARING, BALL 6303	1							
94	2	129155-52050	GASKET	1							
95	2	129100-52100	PUMP ASSY, FUEL FEED	1							

Remarks
(1)GOVERNOR ASSY(FIG.86)IS INCORPORATED IN THIS FUEL INJECTION PUMP ASSY(REF.NO.1).

N:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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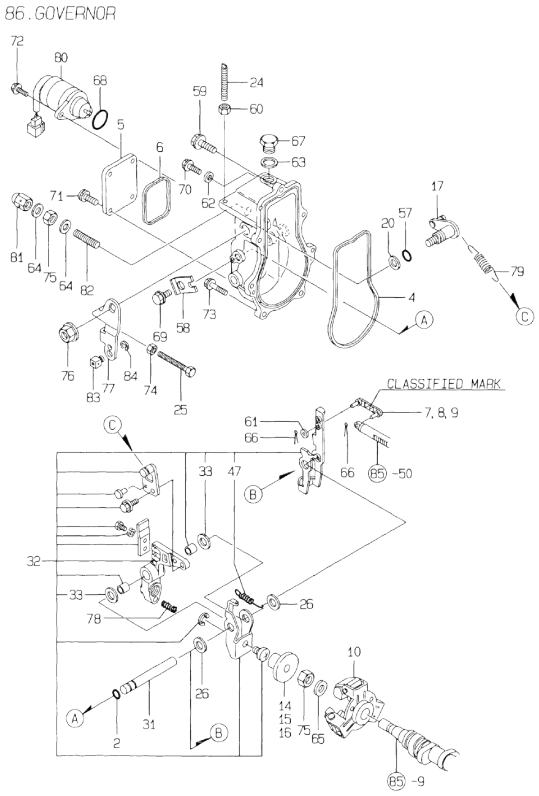
Fig.86. GOVERNOR



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.85).

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
2	2	129155-51280	O-RING, S6	1							
4	2	129052-61050	GASKET	1							
5	2	129052-61060	COVER, GOVERNOR CASE	1							
6	2	129052-61070	GASKET	1							
7	2	129155-61120	LINK, L=30 MARK 0	1							1
8	2	129155-61130	LINK, L=31 MARK 1	1							1
9	2	129155-61140	LINK, L=30.5 MARK 05	1							1
10	2	129155-61201	WEIGHT ASSY,GOVERNOR	1							
14	2	129155-61341	SLEEVE	1							2
15	2	129155-61350	SLEEVE, L=24.9	1							2
16	2	129155-61360	SLEEVE, L=25.2	1							2
17	2	129100-61400	SHAFT ASSY	1							
20	2	129155-61430	SPACER	1							
24	2	129155-61450	BOLT, LIMITER	1							
25	2	129155-61460	BOLT, IDLE	1							
26	2	129155-61480	SPACER ASSY	2							
31	2	129052-61390	SHAFT	1							
32	2	129412-61500	LEVER ASSY, GOVERNOR	1							
33	3	174307-51700	SHIM SET	2							
47	3	119843-61540	SPRING, SET	1							
57	2	129155-61830	O-RING, S10	1							
58	2	119660-61901	RETAINER, SHAFT	1							
59	2	129155-61950	BOLT	1							
60	2	124550-66370	NUT, M6	1							
61	2	22117-040000	WASHER, 4	1							
62	2	22190-060003	SEAL WASER 6	1							
63	2	22190-100002	WASHER, SEAL 10	1							
64	2	22190-120002	WASHER, SEAL 12	2							
65	2	22287-120000	WASHER, 12	1							
66	2	22372-040000	PIN, SNAP 4	2							
67	2	23887-100002	PLUG, 10	1							
68	2	24341-000280	O-RING, 1AS28.0	1							
68-1	2	158552-61900	O-RING	1							N
	(A=EXXXXX)										
69	2	26106-060102	BOLT, M6X 10 PLATED	1							
70	2	26106-060102	BOLT, M6X 10 PLATED	1							
71	2	26106-060102	BOLT, M6X 10 PLATED	4							
72	2	26106-060142	BOLT, M6X 14 PLATED	2							
73	2	26106-060202	BOLT, M6X 20 PLATED	6							
74	2	26756-060002	NUT, LOCK M6	1							
75	2	26776-120002	NUT, LOCK M12	2							
76	1	26366-080002	NUT, M8	1							
77	1	171488-61440	LEVER, CONTROL	1							
78	1	129500-61650	SPRING, FUEL CONTROL	1							
79	1	129500-61700	SPRING, GOVERNOR	1							
80	1	119653-77950	SOLENOID, STOP	1							
81	1	26687-120002	NUT, CAP M12	1							
82	1	129155-61470	BOLT, CONTROL	1							
83	1	124756-67510	RETAINER	1							
84	1	22272-000070	RING, E- 7	1							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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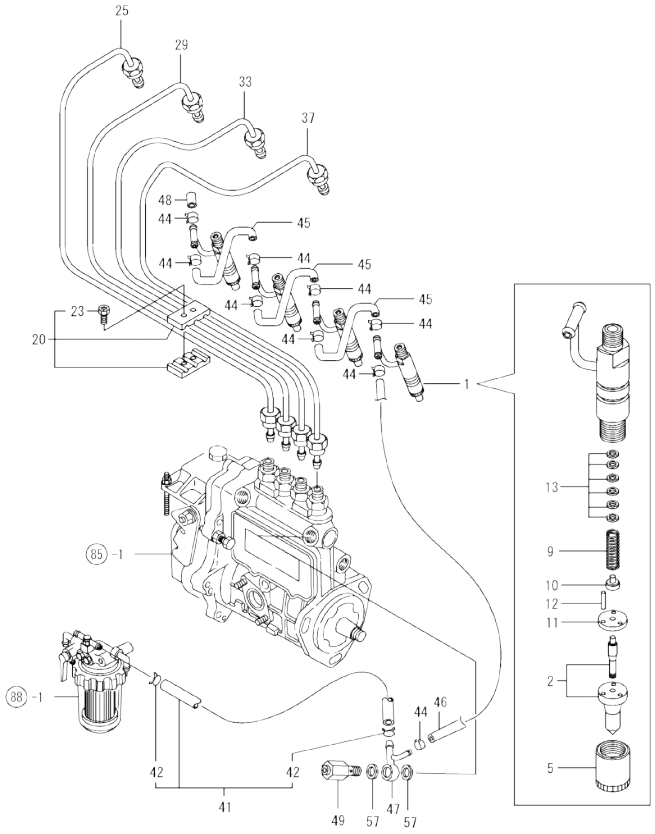
Fig.87. FUEL INJECTION VALVE

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729503-53200	VALVE ASSY,INJECTION	4							
2	2	129503-53050	VALVE ASSY,INJECTION	4							
5	2	114250-53080	NUT, NOZZLE D16.95	4							
9	2	114250-53120	SPRING, NOZZLE	4							
10	2	114250-53130	SEAT, SPRING	4							
11	2	114250-53140	PLATE	4							
12	2	114250-53210	PIN	8							
13	2	114250-53400	SHIM SET	4							
20	1	129150-59120	RETAINER, PIPE	2							
23	2	129150-59131	BOLT, M4X14	4							
25	1	129400-59810	PIPE ASSY, INJECTION	1							
29	1	129400-59820	PIPE ASSY, INJECTION	1							
33	1	129400-59830	PIPE ASSY, INJECTION	1							
37	1	129400-59840	PIPE ASSY, INJECTION	1							
41	1	129210-59150	PIPE ASSY, FUEL	1							
42	2	124766-59050	CLIP, HOSE 12	2							
44	1	124066-59100	CLIP, HOSE 8	9							
45	1	121250-59550	PIPE, FUEL D8X120	3							
46	1	119840-59560	PIPE, FUEL RETURN	1							
47	1	119840-59570	JOINT	1							
48	1	129150-59580	CAP	1							
49	1	129100-59951	VALVE ASSY, CHECK	1							
57	1	23414-120000	GASKET, 12X1.0	2							

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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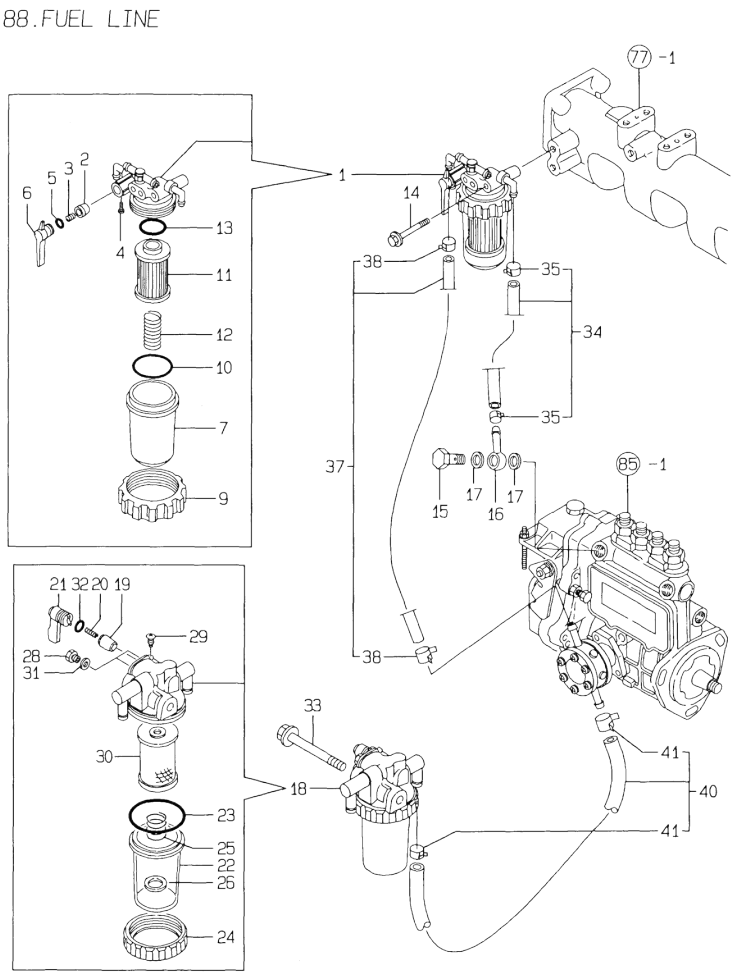
Fig.88. FUEL LINE

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129052-55620	FILTER ASSY, FUEL	1							
2	2	104200-55321	VALVE, TAPER	1							
3	2	104200-55330	SPRING, VALVE	1							
4	2	104200-55750	SCREW, M4	1							
5	2	24311-240100	O-RING, 1AP10A	1							
6	2	129100-55670	LEVER	1							
7	2	129100-55680	CUP, STRAINER	1							
9	2	129100-55690	RING, RETAINING	1							
10	2	24321-000650	O-RING, 1AG65.0	1							
11	2	129100-55650	ELEMENT	1							
12	2	129100-55700	SPRING	1							
13	2	24311-000160	O-RING, 1AP16.0	1							
14	1	26014-080702	BOLT, M8X 70	1							
15	1	103854-39140	BOLT, PIPE JOINT	1							
16	1	101304-59020	JOINT, PIPE 12	1							
17	1	22190-120002	WASHER, SEAL 12	2							
18	1	129335-55700	SEPARATOR ASSY,WATER	1							
19	2	104200-55321	VALVE, TAPER	1							
20	2	104200-55330	SPRING, VALVE	1							
21	2	104200-55341	HANDLE	1							
22	2	124064-55510	COVER	1							
23	2	102103-55520	O-RING	1							
24	2	110250-55610	RING, RETAINING	1							
25	2	121257-55720	SPRING	1							
26	2	121257-55731	FLOAT	1							
28	2	101720-55750	PLUG, 6	2							
29	2	104200-55750	SCREW, M4	1							
30	2	171081-55910	SCREEN	1							
31	2	23418-060000	GASKET, 6X1.0	2							
32	2	24311-240100	O-RING, 1AP10A	1							
33	1	26014-080702	BOLT, M8X 70	1							
34	1	129210-59040	PIPE ASSY, FUEL	1							
35	2	124766-59050	CLIP, HOSE 12	2							
37	1	129210-59150	PIPE ASSY, FUEL	1							
38	2	124766-59050	CLIP, HOSE 12	2							
40	1	129210-59200	PIPE ASSY, FUEL	1							
41	2	124766-59050	CLIP, HOSE 12	2							

N:Old ◂Yes/No▸ New. Q:Old ◂No/Yes▸ New. R:Old ◂Yes/Yes▸ New. S:Old ◂No/No▸ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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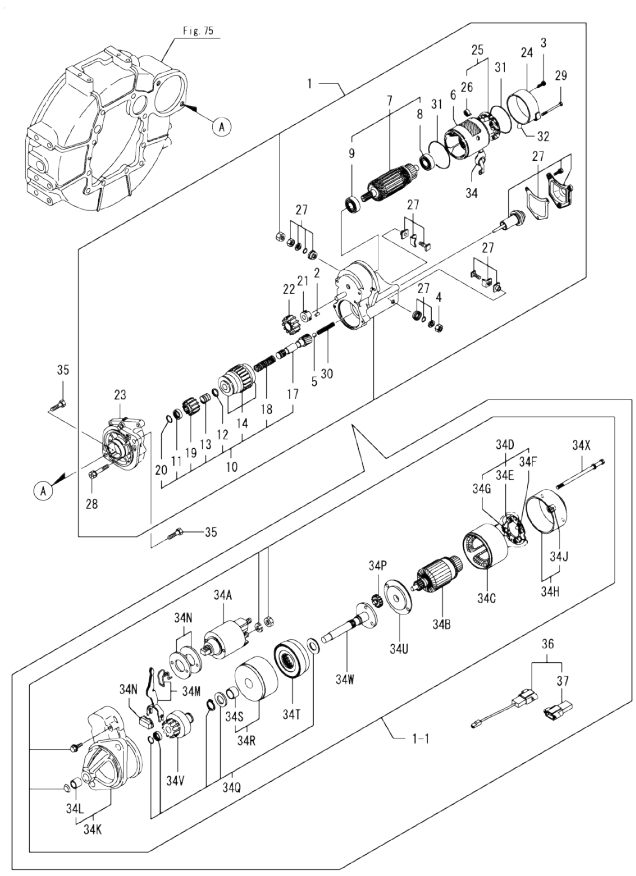
Fig.89. STARTING MOTOR

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129407-77010	STARTER, RA1.4	1							
1-1	1	129608-77010	STARTER, S114-817A	1						F	1
		(A=E05898)									
2	2	X0283060061	ROLLER	5						Z	
		(A=E05898)									
3	2	X0289030010	SCREW	2						Z	
		(A=E05898)									
4	2	X9490561370	NUT	1						Z	
		(A=E05898)									
5	2	X9491200240	BALL	1						Z	
		(A=E05898)									
6	2	129407-77210	YOKE ASSY	1						Z	
		(A=E05898)									
7	2	129407-77220	ARMATURE ASSY	1						Z	
		(A=E05898)									
8	3	129129-77230	BEARING	1						Z	
		(A=E05898)									
9	3	129129-77240	BEARING	1						Z	
		(A=E05898)									
10	2	129407-77250	STARTER	1						Z	
		(A=E05898)									
11	3	X0280210230	NUT	1						Z	
		(A=E05898)									
12	3	X0283270140	RETAINER	1						Z	
		(A=E05898)									
13	3	129407-77410	SPRING	1						Z	
		(A=E05898)									
14	3	129407-77390	CLUTCH ASSY	1						Z	
		(A=E05898)									
17	3	129129-77400	SHAFT	1						Z	
		(A=E05898)									
18	3	129129-77410	SPRING, COIL	1						Z	
		(A=E05898)									
19	3	129129-77420	PINION, STARTER	1						Z	
		(A=E05898)									
20	3	129129-77430	RING	1						Z	
		(A=E05898)									
21	2	129129-77260	RETAINER	1						Z	
		(A=E05898)									
22	2	129129-77270	PINION	1						Z	
		(A=E05898)									
23	2	129407-77280	HOUSING	1						Z	
		(A=E05898)									
24	2	129129-77290	FRAME	1						Z	
		(A=E05898)									
25	2	129407-77300	HOLDER ASSY	1						Z	
		(A=E05898)									
26	3	X9491730461	SPRING	4						Z	
		(A=E05898)									
27	2	129407-77310	SWITCH ASSY	1						Z	
		(A=E05898)									

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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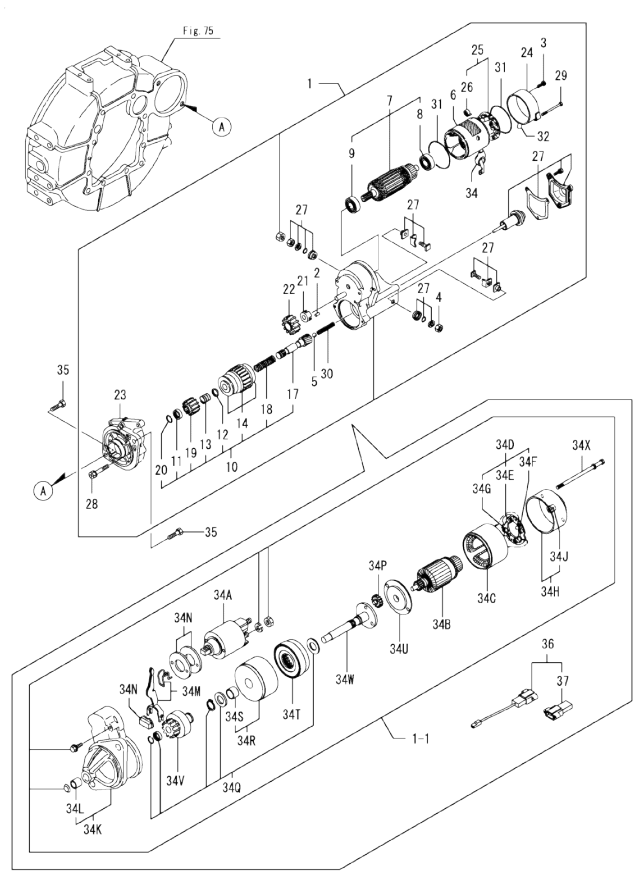
Fig.89. STARTING MOTOR

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
28	2	129129-77320	BOLT	2						Z	
		(A=E05898)									
29	2	129407-77330	BOLT	2						Z	
		(A=E05898)									
30	2	129129-77340	SPRING	1						Z	
		(A=E05898)									
31	2	129129-77350	O-RING	2						Z	
		(A=E05898)									
32	2	129129-77361	BUSH	1						Z	
		(A=E05898)									
34	2	129129-77380	CAP	1						Z	
		(A=E05898)									
34A	2	129698-77020	SWITCH ASSY	1						W	
		(A=E05898)									
34B	2	129698-77101	ARMATURE ASSY	1						W	
		(A=E05898)									
34C	2	129608-77110	YOKE ASSY	1						W	
		(A=E05898)									
34D	2	129698-77120	HOLDER ASSY, BRUSH	1						W	
		(A=E05898)									
34E	3	129698-77140	BRUSH SET	1						W	
		(A=E05898)									
34F	3	129698-77130	BRUSH	2						W	
		(A=E05898)									
34G	3	129698-77150	SPRING, BRUSH	4						W	
		(A=E05898)									
34H	2	129698-77161	COVER ASSY	1						W	
		(A=E05898)									
34J	3	129698-77170	BEARING	1						W	
		(A=E05898)									
34K	2	129698-77260	CASE ASSY	1						W	
		(A=E05898)									
34L	3	X2114535200	METAL, STARTER	1						W	
		(A=E05898)									
34M	2	129698-77270	LEVER SET, SHIFT	1						W	
		(A=E05898)									
34N	2	129698-77280	COVER KIT	1						W	
		(A=E05898)									
34P	2	129698-77240	GEAR	3						W	
		(A=E05898)									
34Q	2	129698-77250	WASHER SET	1						W	
		(A=E05898)									
34R	2	129698-77180	BRACKET	1						W	
		(A=E05898)									
34S	3	129698-77190	BRACKET	1						W	
		(A=E05898)									
34T	2	129698-77200	GEAR, INTERNAL	1						W	
		(A=E05898)									
34U	2	129698-77210	BRACKET	1						W	
		(A=E05898)									
34V	2	129698-77220	PINION ASSY	1						W	

Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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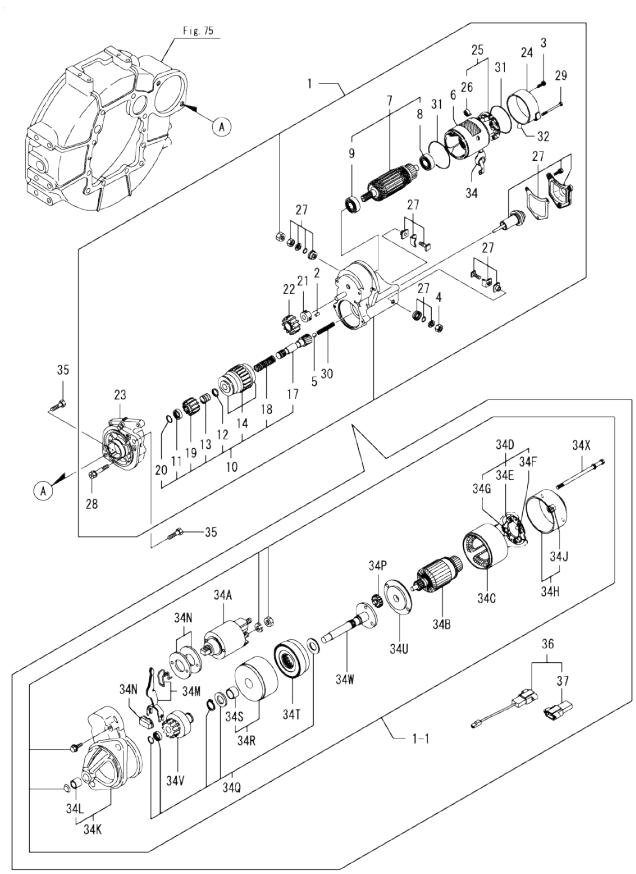
Fig.89. STARTING MOTOR

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
		(A=E05898)									
34W	2	129698-77230	SHAFT	1						W	
		(A=E05898)									
34X	2	124195-77770	BOLT, THROUGH	2						W	
		(A=E05898)									
35	1	26116-120252	BOLT, M12X 25 PLATED	2							
36	1	129052-77951	CONNECTOR, STARTER	1						W	1
		(A=E05898)									
37	2	129052-77960	HOUSING	1						W	1
		(A=E05898)									

Remarks
(1) Ref.no.1-1 & 36 Interchangeable by set.

N:Old ←Yes/No→ New. Q:Old ←No/Yes→ New. R:Old ←Yes/Yes→ New. S:Old ←No/No→ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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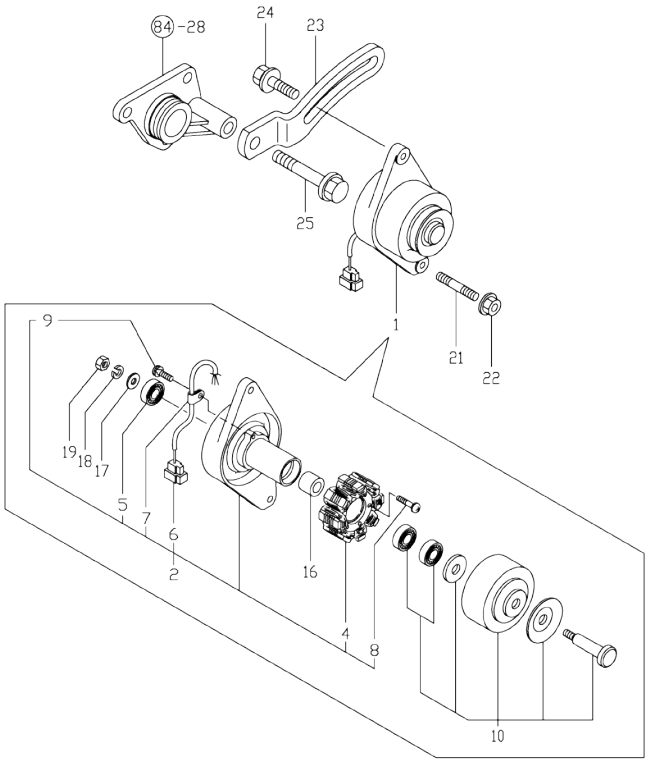
Fig.90. GENERATOR

(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1							
2	2	XM08137	PLATE ASSY	1							
4	3	XM08180	STATOR SET	1							
5	3	XM27436	BEARING, BALL	1							
6	3	XM17878	COUPLER	1							
7	3	XM36410	CLAMP	1							
8	3	26022-040252	SCREW, M4X25	2							
9	3	XYSPS4008	SCREW	1							
10	2	XM82184	FLYWHEEL ASSY	1							
16	2	106383-44720	SPACER	1							
17	2	106383-44730	WASHER	1							
18	2	22212-100000	SPRING WASHER 10	1							
19	2	26716-100002	NUT, M10	1							
21	1	129795-01900	STUD	1							
22	1	26366-100002	NUT, M10	1							
23	1	129619-77330	ADJUSTER	1							
24	1	119810-77340	BOLT, ADJUSTER	1							
25	1	26106-080502	BOLT, M8X 50 PLATED	1							

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

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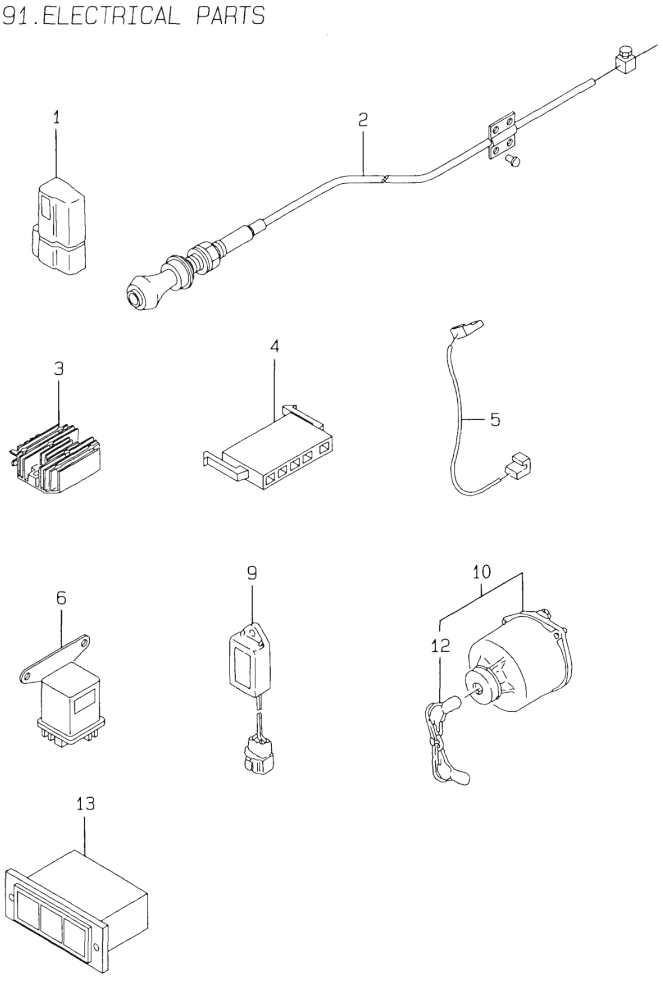
Fig.91. ELECTRICAL PARTS



(A)=4TNE84T-GB2S (D)=
(B)= (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119643-66900	DIODE	1							
2	1	170029-67100	CABLE, PUSH-PULL	1							
3	1	119660-77710	LIMITER, CURRENT 15A	1							
3-1	1	119660-77711	LIMITER, CURRENT 15A	1						N	
	(A=*1999.07.)										
4	1	171301-77720	COUPLER	1							
5	1	119643-77900	CONNECTOR, STARTER	1							
6	1	119650-77910	RELAY ASSY, GLOW	1							
9	1	119632-77920	TIMER	1							
10	1	129115-91250	SWITCH ASSY	1							
12	2	129115-91270	KEY ASSY	1							
13	1	170038-91310	LAMP	1							

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

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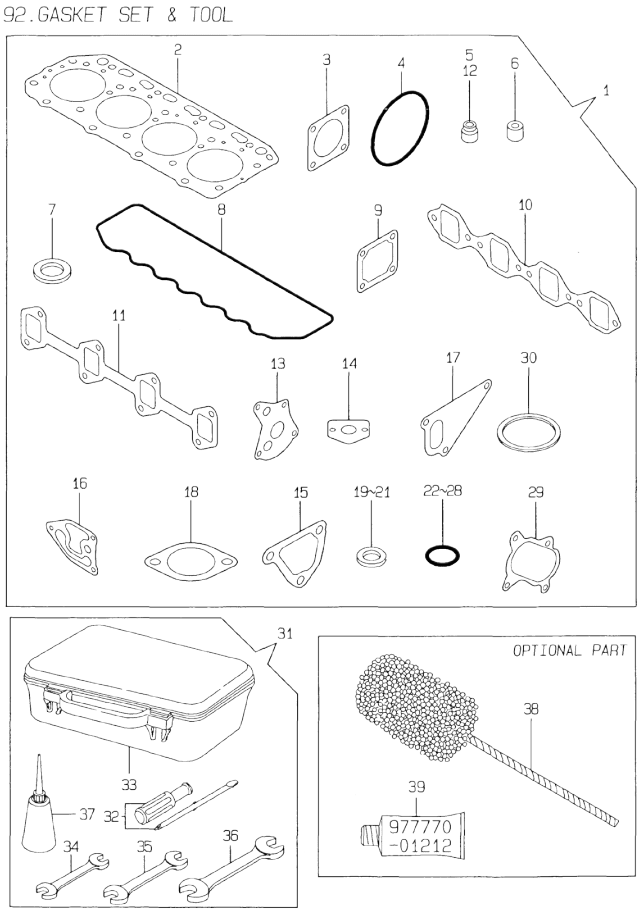
Fig.92. GASKET SET & TOOLS

(A)=4TNE84T-GB2S
(B)=
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729418-92620	GASKET SET	1							1
2	2	129408-01330	GASKET, HEAD	1							
3	2	124240-01883	GASKET	1							
4	2	121850-51960	O-RING	1							
5	2	124460-11340	SEAL, VALVE STEM	4							
6	2	119625-11870	PROTECTOR, NOZZLE	4							
7	2	119625-11880	SEAT, NOZZLE	4							
8	2	129550-11310	GASKET, BONNET	1							
9	2	129150-77511	GASKET	1							
10	2	129550-12111	GASKET, MANIFOLD	1							
11	2	129550-13110	GASKET	1							
12	2	121400-11340	SEAL, VALVE STEM	4							
13	2	129150-32020	GASKET, PUMP	1							
14	2	129150-35041	GASKET	1							
15	2	129100-49840	GASKET	1							
16	2	129103-35122	GASKET	1							
17	2	129100-42020	GASKET, WATER PUMP	1							
18	2	129795-49551	GASKET	1							
19	2	124465-44950	GASKET, 16	2							
20	2	23414-120000	GASKET, 12X1.0	2							
21	2	23414-100000	GASKET, 10X1.0	2							
22	2	24311-000120	O-RING, 1AP12.0	3							
23	2	24311-000160	O-RING, 1AP16.0	3							
24	2	24314-000160	O-RING, 4CP16.0	1							
25	2	24311-000320	O-RING, 1AP32.0	1							
26	2	24311-000320	O-RING, 1AP32.0	1							
27	2	24341-000500	O-RING, 1AS50.0	1							
28	2	24341-000240	O-RING, 1AS24.0	1							
29	2	129403-18081	GASKET	1							
30	2	129150-49811	GASKET, THERMOSTAT	1							
31	1	721400-92102	BOX ASSY, TOOL	1							
32	2	104200-92350	DRIVER, SCREW	1							
33	2	104200-92600	BOX, TOOL	1							
34	2	28110-100120	SPANNER, 10X12	1							
35	2	28110-140170	SPANNER, 14X17	1							
36	2	28110-190220	SPANNER, 19X22	1							
37	2	28210-000140	OILER	1							
38	1	129400-92420	HONE	1							1
39	1	977770-01212	GASKET, LIQUID	1							1

Remarks
(1) OPTIONAL PART.

N:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. Q:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. R:Old $\overset{\text{Yes}}{\leftarrow\!\rightarrow}$ New. S:Old $\overset{\text{No}}{\leftarrow\!\rightarrow}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Q'ty Change

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	87	45
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121254-55510	14	5
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