

0CD10-M64100EN

PREFACE

1. This Parts Catalog is the 1st edition of 4TNE84-P Diesel Engine for TERAL KYOKUTO.

Pub. No. : 000Y00D6410
Published : November,1997

2. Model name

Engine model	Vehicle		Vehicle made by
	Products	Model name	
4TNE84-P	FIRE PUMP SMOKE EXTRACTION MACHINE	—	TERAL KYOKUTO

Directions for the Parts Catalog.

1. This Parts Catalog shows both standard and optional parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

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

Remarks

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

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

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

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

② Lev. (Level)

Level indication

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

1 ---- Main parts (Assembly parts)

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

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

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

③ Interchangeability Symbol

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

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

④ Effective Machine No.

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

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

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

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

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

⑤ Remarks

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

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

Contents

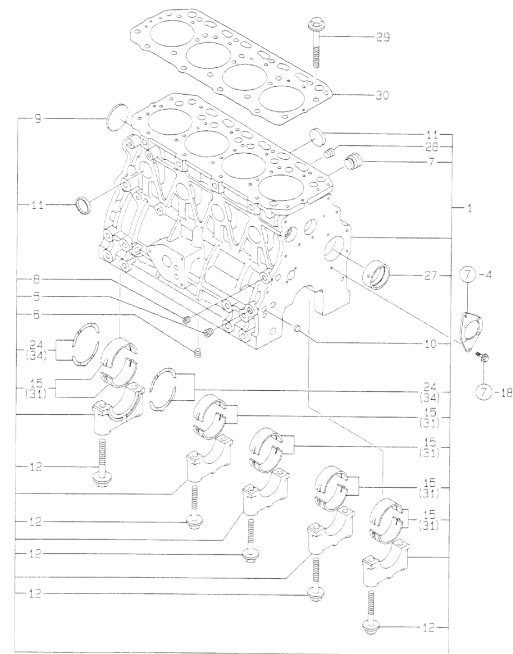
0CD10-M64100

Fig. No.	Fig. Name	Fig. No.	Fig. Name
4TNE84-P			
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 OIL TANK		
15.	FUEL LINE		
16.	ENGINE STOP SOLENOID		
17.	CONTROL DEVICE		
18.	STARTING MOTOR		
19.	GENERATOR		
20.	CLUTCH		
21.	INSTRUMENT PANEL		
22.	SAFETY LABEL		
23.	GASKET SET & TOOL		

OCD10-M64100 4TNE84-P

Fig.1. CYLINDER BLOCK

Y0006410
4TNE84-P



OCD10-M64100 Fig.1

(A)=4TNE84-P
(B)=
(C)=

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

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

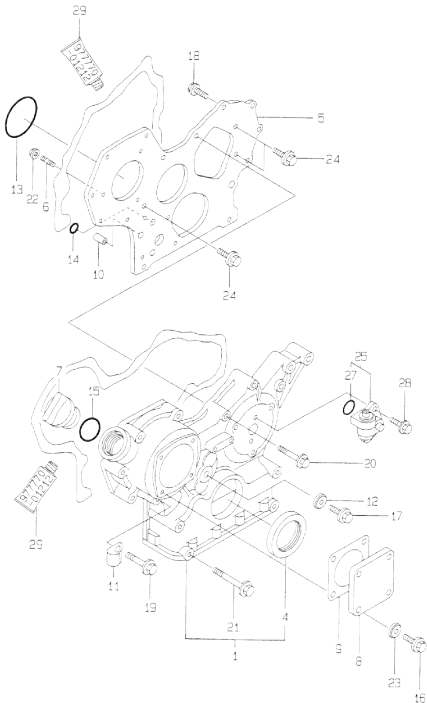
Remarks
(1) UNDER-SIZE(U.S=0.25)PART.
(2) OVER-SIZE(O.S=0.25)PART.

N:Old $\frac{YHS}{100}$ New, Q:Old $\frac{HIS}{100}$ New, R:Old $\frac{YHS}{100}$ New, S:Old $\frac{HIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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OCD10-M64100 4TNE84-P

Fig.2. GEAR HOUSING

Y00DE410
4TNE84-P



Remarks
(1) OPTIONAL PART.

OCD10-M64100 Fig.2

(A)=4TNE84-P
(B)=
(C)=

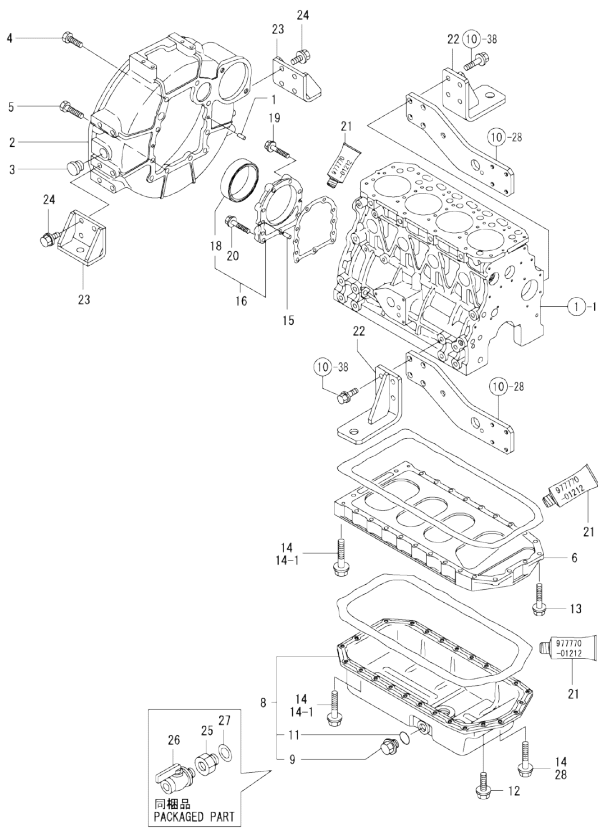
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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	22190-080002	WASHER, SEAL 6	1							
13	1	121850-51960	O-RING	1							
14	1	24311-000160	O-RING, 1AP16.0	2							
15	1	24311-000320	O-RING, 1AP32.0	1							
16	1	26106-080122	BOLT, M8X 12 PLATED	4							
17	1	26106-080162	BOLT, M8X 16 PLATED	1							
18	1	26106-080202	BOLT, M8X 20 PLATED	2							
19	1	26106-080452	BOLT, M8X 45 PLATED	6							
20	1	26106-080552	BOLT, M8X 55 PLATED	3							
21	1	26106-080852	BOLT, M8X 85 PLATED	4							
22	1	26366-080002	NUT, M8	3							
23	1	22190-080002	WASHER, SEAL 6	4							
24	1	26106-080162	BOLT, M8X 16 PLATED	3							
25	1	129150-91400	GEAR	1							
27	2	24341-000240	O-RING, 1AS24.0	1							
28	1	26106-060162	BOLT, M6X 16 PLATED	2							
29	1	977770-01212	GASKET, LIQUID	1							1

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{RIS}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{RIS}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.3. FLYWHEEL HOUSING & OIL SUMP



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

OCD10-M64100 Fig.3

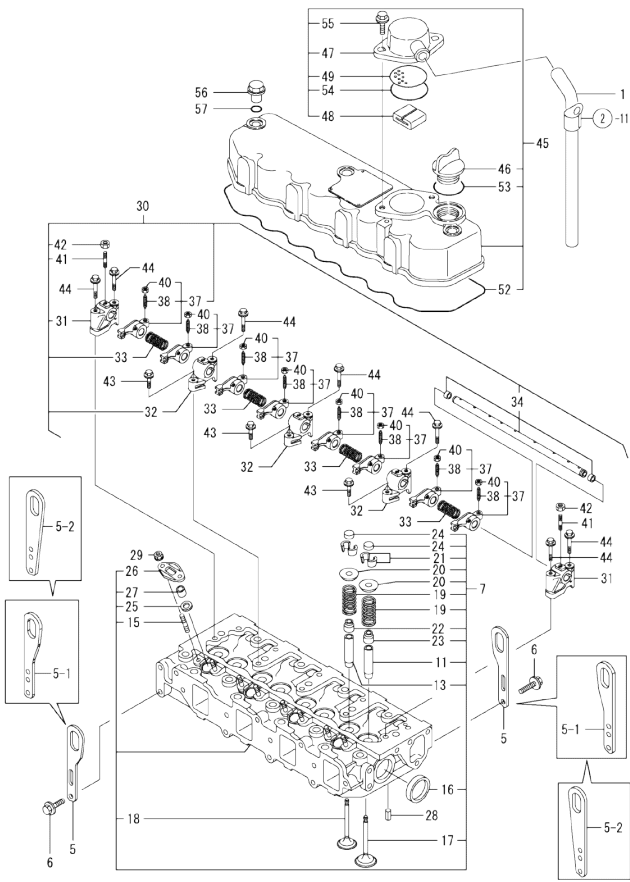
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2							
2	1	119888-01600	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	171031-01640	PLUG, DRAIN M22	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	977770-01212	GASKET, LIQUID	1							1
22	1	129188-08100	FOOT	2							
23	1	119888-08110	FOOT	2							
24	1	26106-100202	BOLT, M10X 20 PLATED	8							
25	1	129113-01740	SOCKET, M22XPT3/8	1							
26	1	104200-11920	COCK, WATER	1							
27	1	23414-220000	GASKET, 22X1.0	1							
28	1	26106-080502	BOLT, M8X 50 PLATED	4						W	
(A=FROM 1ST)											

N:Old $\xrightarrow{\text{YES}} \text{New}$, Q:Old $\xrightarrow{\text{NO}} \text{New}$, R:Old $\xrightarrow{\text{YES}} \text{New}$, S:Old $\xrightarrow{\text{NO}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET



Remarks
(1) REPAIR PART.

(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-03090	HOSE, ID16X2T	1							
5	1	124736-07900	LIFTER	2							
5-1	1	129604-07900	LIFTER	2						N	
(A="2009.05)											
5-2	1	129900-07900	LIFTER	2						N	
(A="2009.08)											
6	1	26106-080142	BOLT, M8X 14 PLATED	4							
7	1	129407-11700	HEAD ASSY, CYLINDER	1							
11	2	120130-11860	GUIDE, VALVE	4							1
13	2	129150-11810	GUIDE, VALVE	4							1
15	2	26216-060202	STUD, M6X 20	8							
16	2	27241-400000	PLUG, 40	2							
17	2	129100-11100	VALVE, INTAKE	4							
18	2	129100-11110	VALVE, EXHAUST	4							
19	2	129795-11120	SPRING, VALVE	8							
20	2	129795-11180	RETAINER, SPRING	8							
21	2	27310-080001	COTTER, 8	8							
22	2	121400-11340	SEAL, VALVE STEM	4							
23	2	124460-11340	SEAL, VALVE STEM	4							
24	2	129150-11370	CAP, VALVE	8							
25	2	119625-11880	SEAT, NOZZLE	4							
26	2	119625-11900	RETAINER, NOZZLE	4							
27	2	119625-11871	PROTECTOR, NOZZLE	4							
28	1	22351-060012	PIN, SPRING 6.0X12	2							
29	1	26366-060002	NUT, M6	8							
30	1	129500-11240	SHAFT ASSY, ROCKER	1							
31	2	129155-11260	SUPPORT, ROCKER ARM	2							
32	2	129155-11270	SUPPORT, ROCKER ARM	3							
33	2	129150-11280	SPRING	4							
34	2	129550-11290	SHAFT, ROCKER ARM	1							
37	2	129100-11650	ARM, ROCKER	8							
38	3	129150-11230	SCREW, VALVE ADJUST	8							
40	3	129150-11750	NUT, M8	8							
41	2	26226-080182	STUD, M8X 18	3							
42	2	26756-080002	NUT, LOCK M8	3							
43	1	26106-080252	BOLT, M8X 25 PLATED	3							
44	1	26106-080502	BOLT, M8X 50 PLATED	7							
45	1	129400-11350	BONNET ASSY, HEAD	1							
46	2	124160-01751	COVER, FILLER	1							
47	2	129150-03020	COVER, BREATHER	1							
48	2	129150-03070	BAFFLE, BREATHER	1							
49	2	129150-03080	PLATE, BAFFLE	1							
52	2	129550-11310	GASKET, BONNET	1							
53	2	24311-000320	O-RING, 1AP32.0	1							
54	2	24341-000500	O-RING, 1AS50.0	1							
55	2	26106-080162	BOLT, M8X 16 PLATED	2							
56	1	124160-11360	KNOB	3							
57	1	24311-000120	O-RING, 1AP12.0	3							

Fig.5. SUCTION MANIFOLD & AIR CLEANER

This diagram shows an exploded view of a mechanical assembly. The components are numbered as follows:

- 1**: A square base plate with a central hole.
- 2**: A small screw or pin.
- 3**: A small circular gasket or washer.
- 4**: A large, complex rectangular block with multiple ports and internal structures.
- 5**: A cylindrical component with a flange at the top.
- 6**: A small circular gasket or washer.
- 7**: A small circular gasket or washer.
- 8**: A small circular gasket or washer.
- 9**: A small circular gasket or washer.
- 10**: A screw or pin.
- 11**: A large, complex rectangular block, similar to part 4 but with different internal features.
- 12**: A small circular gasket or washer.
- 13**: A small circular gasket or washer.
- 14**: A small screw or pin.

(A)=4TNE84-P
(B)=
(C)=

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

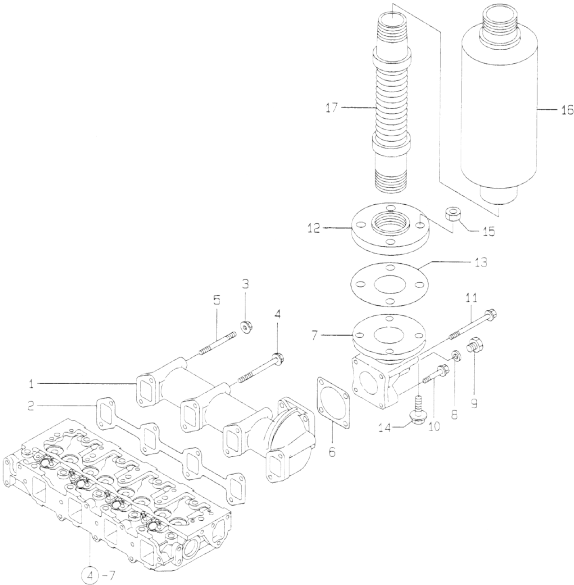
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	129470-12210	JOINT ASSY	1							
3	2	23871-010000	PLUG, R01	1							
4	1	129795-12501	SILENCER ASSY	1							
5	2	129795-12520	PIPE, AIR INTAKE	1							
6	2	129795-12530	PLATE	1							
7	2	129795-12540	ELEMENT	1							
8	1	129150-77511	GASKET	1							
9	1	23000-060000	CLAMP, 60	1							
10	1	26106-080162	BOLT, M8X 16 PLATED	4							
11	1	129400-12100	MANIFOLD, AIR INTAKE	1							
12	1	129550-12111	GASKET, MANIFOLD	1							
13	1	23871-030000	PLUG, R03	1							
14	1	26106-080352	BOLT, M8X 35 PLATED	5							

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

Y0006410
4TNE84-P



OCD10-M64100 Fig.6

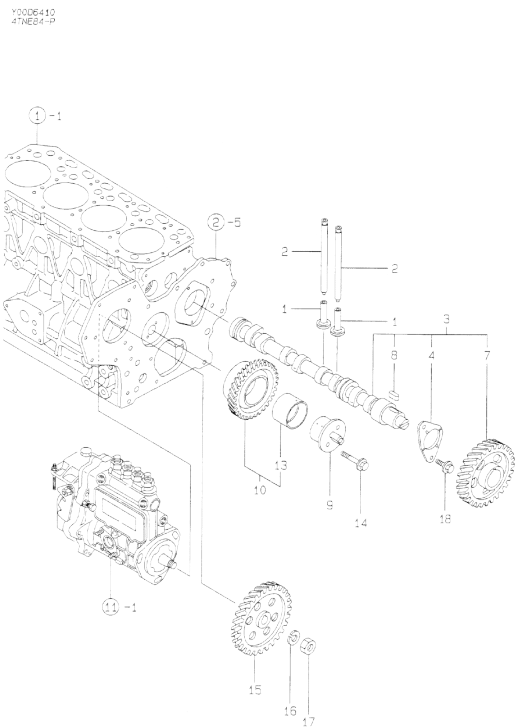
(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129400-13101	MANIFOLD, EXHAUST	1							
2	1	129550-13110	GASKET	1							
3	1	194990-22050	NUT, M8	2							
4	1	26106-080802	BOLT, M8X 80 PLATED	6							
5	1	26216-080802	STUD, M8X 80	2							
6	1	129400-13201	GASKET, SILENCER	1							
7	1	129411-13300	BEND, EXHAUST 50A	1							
8	1	23414-170000	GASKET, 17X1.0	1							
9	1	23894-030002	PLUG, G3/8	1							
10	1	26106-080452	BOLT, M8X 45 PLATED	2							
11	1	26106-080952	BOLT, M8X 95 PLATED	2							
12	1	23217-050000	FLANGE, 5K 50	1							
13	1	23446-050000	GASKET 50	1							
14	1	26116-120502	BOLT, M12X 50 PLATED	4							
15	1	26716-120002	NUT, M12	4							
16	1	43100-552900	SILENCER	1							
17	1	43720-500120	PIPE	1							

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Fig.7. CAMSHAFT & DRIVING GEAR



Remarks
(1) REPAIR PART.

OCD10-M64100 Fig.7

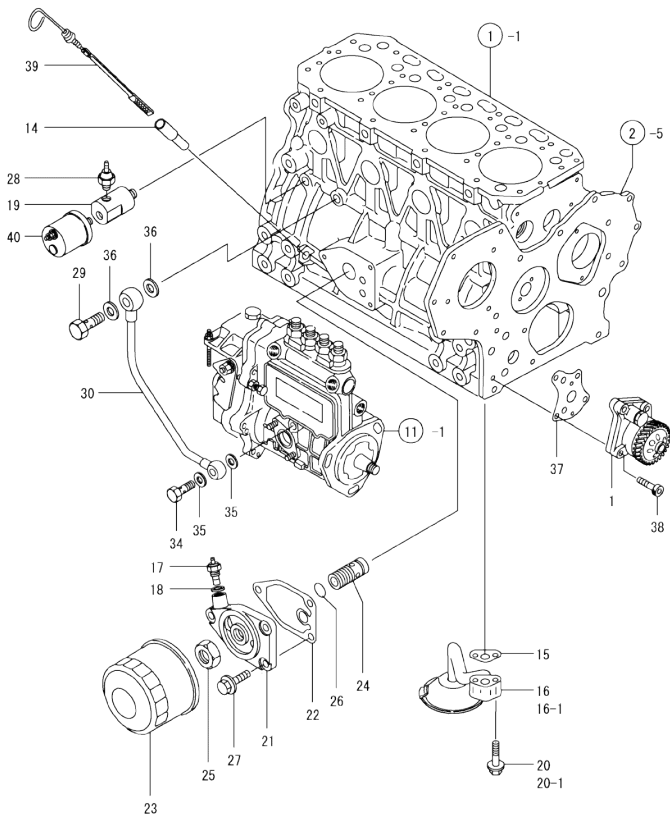
(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	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	26106-080142	BOLT, M8X 14 PLATED	2							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{R/O}{YES}$ New, R:Old $\frac{YES}{YES}$ New, S:Old $\frac{R/O}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.9. LUB.OIL SYSTEM



(A)=4TNE84-P
(B)=
(C)=

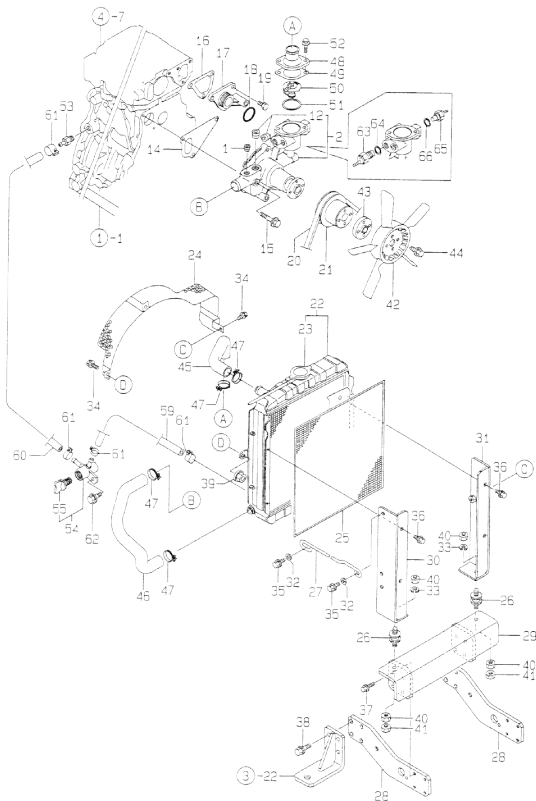
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129407-32000	PUMP ASSY, OIL	1							
14	1	121520-34810	GUIDE, DIPSTICK	1							
15	1	129150-35041	GASKET	1							
15-1	1	129150-35042	GASKET	1							N
(A=EZZZZZ)											
16	1	129436-35091	PIPE ASSY, OIL INLET	1							
16-1	1	129436-35070	PIPE ASSY	1							S
(A=EZZZZZ)											
17	1	124250-49351	SENSOR	1							
18	1	129150-49360	GASKET	1							
19	1	171375-39601	DAMPER, 1/8	1							
20	1	26106-080352	BOLT, M8X 35 PLATED	2							
20-1	1	26106-080552	BOLT, M8X 55 PLATED	2							S
(A=EZZZZZ)											
21	1	171375-35100	BRACKET, STRAINER	1							
22	1	129150-35111	GASKET	1							
23	1	129150-35151	FILTER, D80XL80	1							
24	1	129001-35300	BOLT, FILTER	1							
25	1	129150-35350	NUT	1							
26	1	24311-000160	O-RING, 1AP16.0	1							
27	1	26106-080202	BOLT, M8X 20 PLATED	3							
28	1	124160-39450	SWITCH, 0.5KG	1							
29	1	124160-39140	BOLT, PIPE JOINT M10	1							
30	1	129550-39450	PIPE ASSY, OIL	1							
34	1	124550-59820	BOLT, PIPE JOINT M8	1							
35	1	22190-080002	WASHER, SEAL 6	2							
36	1	23414-100000	GASKET, 10X1.0	2							
37	1	129150-32020	GASKET, PUMP	1							
38	1	26450-060252	BOLT, M6X 25	4							
39	1	129136-34800	DIPSTICK, OIL	1							
40	1	144626-91560	SENSOR	1							

OCD10-M64100 4TNE84-P

Fig.10. COOLING WATER SYSTEM

YCD06410
4TNE84-P



OCD10-M64100 Fig.10

(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121850-11860	PLUG, PT1/4	1							
2	1	129001-42002	PUMP ASSY, WATER	1							
12	2	23871-030000	PLUG, R03	2							
14	1	129100-42020	GASKET, WATER PUMP	1							
15	1	26106-080602	BOLT, M8X 60 PLATED	3							
16	1	129100-49840	GASKET	1							
17	1	129001-42040	JOINT	1							
18	1	24321-000300	O-RING, 1AG30.0	1							
19	1	26106-080162	BOLT, M8X 16 PLATED	3							
20	1	25132-003800	V-BELT, A38	1							
21	1	129155-42350	V-PULLEY	1							
22	1	171440-44500	RADIATOR	1							
23	2	123682-44210	CAP, RADIATOR	1							
24	1	129113-44560	PROTECTOR, FAN	1							
25	1	121250-44581	SCREEN, RADIATOR	1							
26	1	121400-44650	ABSORBER	2							
27	1	129413-44940	RETAINER, RADIATOR	1							
28	1	129188-44950	BRACKET	2							
29	1	129188-44960	BRACKET, RADIATOR	1							
30	1	129188-44970	SUPPORT, A	1							
31	1	129188-44980	SUPPORT, B	1							
32	1	22137-080000	WASHER, 8	2							
33	1	22217-100000	WASHER, SPRING 10	2							
34	1	26106-080122	BOLT, M8X 12 PLATED	3							
35	1	26106-080162	BOLT, M8X 16 PLATED	2							
36	1	26106-080202	BOLT, M8X 20 PLATED	4							
37	1	26106-080252	BOLT, M8X 25 PLATED	8							
38	1	26106-100302	BOLT, M10X 30 PLATED	8							
39	1	26366-080002	NUT, M8	3							
40	1	26716-100002	NUT, M10	4							
41	1	26756-100002	NUT, LOCK M10	2							
42	1	171340-44740	FAN, COOLING D335XNF	1							
43	1	124574-44761	SPACER, FAN	1							
44	1	26014-060252	BOLT, M6X 25	4							
45	1	171301-49010	PIPE, WATER	1							
46	1	129211-49020	PIPE, WATER	1							
47	1	23010-038000	CLAMP, 38	4							
48	1	129350-49560	COVER, THERMOSTAT	1							
49	1	129795-49551	GASKET	1							
50	1	129155-49800	THERMOSTAT, 71	1							
51	1	129150-49811	GASKET, THERMOSTAT	1							
52	1	26106-080202	BOLT, M8X 20 PLATED	2							
53	1	121550-49111	JOINT, PT1/4	1							
54	1	129150-49100	COCK ASSY, 3-WAY	1							
55	2	129150-49080	COCK, DRAIN	1							
59	1	121520-49160	PIPE, WATER DRAIN	1							
60	1	121456-49160	PIPE, WATER DRAIN	1							
61	1	124766-59050	CLIP, HOSE 12	4							
62	1	26106-080162	BOLT, M8X 16 PLATED	1							
63	1	121250-44901	SWITCH, 110	1							
64	1	124465-44950	GASKET, 16	1							

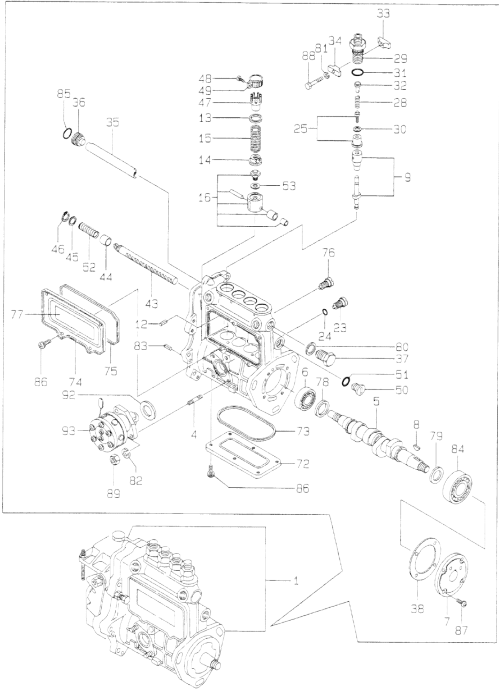
N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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OCD10-M64100 4TNE84-P

Fig.11. FUEL INJECTION PUMP

OCD10-M64100 Fig.11

Y00D6410
4TNE84-P



Remarks
(1) GOVERNOR(FIG.NO.12)IS INCORPORATED IN THIS FUEL INJECTION PUMP.
(REF.NO.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-51320	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
5	2	129470-51040	CAMSHAFT	1							
6	2	129155-51050	BEARING, 17BM001D	1							
7	2	129155-51060	SUPPORT, CAMSHAFT	1							
8	2	122710-51090	KEY	1							
9	2	129470-51101	PLUNGER ASSY	4							
12	2	129155-51140	PIN	4							
13	2	174307-51170	RETAINER, SPRING A	4							
14	2	129155-51180	RETAINER, SPRING	4							
15	2	124950-51190	SPRING, PLUNGER	4							
16	2	129155-51200	TAPPET ASSY	4							
23	2	129155-51270	STOPPER, TAPPET	4							
24	2	129155-51280	O-RING, S6	4							
25	2	129100-51300	VALVE ASSY, DELIVERY	4							
28	2	129155-51320	SPRING, DELIVERY	4							
29	2	129155-51340	RETAINER	4							
30	2	124550-51350	GASKET, DELIVERY	4							
31	2	124550-51370	O-RING	4							
32	2	129155-51370	STOPPER, VALVE	4							
33	2	129155-51380	STOPPER	2							
34	2	129155-51390	STOPPER	2							
35	2	129555-51400	DEFLECTOR	1							
36	2	129155-51410	BOLT	1							
37	2	129155-51420	PLUG, M16	1							
38	2	129155-51450	SHIM SET, ADJUSTING	1							
43	2	129555-51500	RACK, CONTROL	1							
44	2	129155-51521	BUSH, RACK	1							
45	2	129155-51530	SPACER	1							
46	2	129155-51540	CIRCLIP	1							
47	2	129155-51550	PINION, CONTROL	4							
48	2	122117-51560	SCREW	4							
49	2	174307-51560	PINION	4							
50	2	129155-51570	PLUG, M12	1							
51	2	129155-51580	O-RING	1							
52	2	129155-51591	SPRING, RACK	1							
53	2	129155-51600	SHIM SET, ADJUSTING	4							
72	2	129555-51700	COVER	1							
73	2	129555-51710	GASKET	1							
74	2	129555-51750	COVER	1							
75	2	129555-51760	GASKET	1							
76	2	129155-51790	STOOPER, RACK	1							
77	2	129156-51910	LABEL, CAUTION	1							
78	2	129155-51930	SPACER, T=3.25	1							
79	2	129155-51940	SPACER, T=1.5	1							
80	2	22190-160002	WASHER, SEAL 16	1							
81	2	22217-050000	WASHER, SPRING 5	2							
82	2	22217-060000	WASHER, SPRING 6	2							
83	2	22351-050010	PIN, SPRING 5.0X10	2							
84	2	24101-063034	BEARING, BALL 6303	1							
85	2	24341-000160	O-RING, 1AS16.0	1							

N:Old, New, Q:Old, New, R:Old, New, S:Old, New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.11. FUEL INJECTION PUMP

(D)=
(E)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
86	2	26022-050102	SCREW, M5X10	11							
87	2	26022-060162	SCREW, M6X16	4							
88	2	26116-050302	BOLT, M5X 30 PLATED	2							
89	2	26716-060002	NUT, M6	2							
92	2	129155-520505	GASKET	1							
93	2	129491-52100	PUMP ASSY, FUEL FEED	1							

This diagram illustrates the exploded view of a 4-cylinder engine assembly. The main components are shown in their relative positions, with numbered callouts for each part. The parts list is as follows:

- 1: Engine block
- 2: Piston pin
- 3: Piston pin clip
- 4: Piston pin clip
- 5: Piston pin clip
- 6: Piston pin clip
- 7: Piston ring
- 8: Piston ring
- 9: Piston pin clip
- 10: Piston pin clip
- 11: Piston pin clip
- 12: Piston pin clip
- 13: Piston pin clip
- 14: Piston pin clip
- 15: Piston pin clip
- 16: Piston pin clip
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- 34: Piston pin clip
- 35: Piston pin clip
- 36: Piston ring
- 37: Piston ring
- 38: Piston ring
- 39: Piston ring
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- 78: Piston pin clip
- 79: Piston pin clip
- 80: Piston pin clip
- 81: Piston pin clip
- 82: Piston pin clip
- 83: Piston pin clip
- 84: Piston pin clip
- 85: Piston pin clip
- 86: Piston pin clip
- 87: Piston pin clip

The diagram also includes a detailed view of the piston and ring assembly, showing the piston (1), piston ring (7), and piston pin (36) with its clip (87).

Remarks
(1) GOVERNOR(FIG.NO.12)IS INCORPORATED IN THIS FUEL INJECTION PUMP.
(REF.NO.1).

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

OCD10-M64100 4TNE84-P

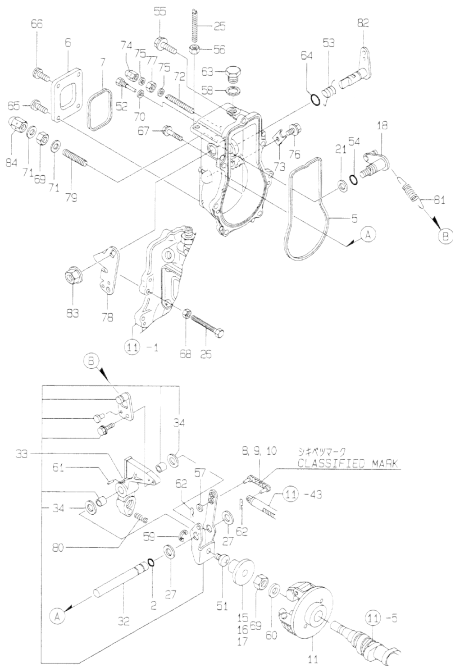
Fig.12. GOVERNOR

OCD10-M64100 Fig.12

(A)=4TNE84-P
(B)=
(C)=

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

100DE410
4TNE84-P

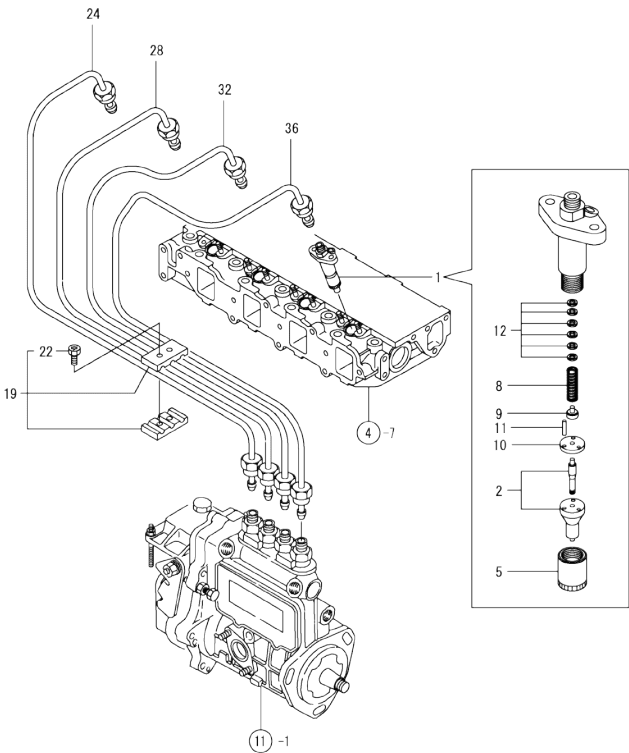


Remarks
(1) SELECTIVE PARTS : CERTAIN THE CLASSIFICATION MARK, THEN PLACE YOUR ORDER.(ILLUSTRATION)
(2) SELECTIVE PARTS.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	129155-61280	O-RING, S6	1							
5	2	129155-61050	GASKET	1							
6	2	129155-61060	COVER, GOVERNOR CASE	1							
7	2	129155-61070	GASKET	1							
8	2	129155-61120	LINK, L=30 MARK 0	1							1
9	2	129155-61130	LINK, L=31 MARK 1	1							1
10	2	129155-61140	LINK, L=30.5 MARK 05	1							1
11	2	171488-61200	WEIGHT ASSY,GOVERNOR	1							
15	2	129155-61341	SLEEVE	1							2
16	2	129155-61350	SLEEVE, L=24.9	1							2
17	2	129155-61360	SLEEVE, L=25.2	1							2
18	2	129100-61400	SHAFT ASSY	1							
21	2	129155-61430	SPACER	1							
25	2	129155-61450	BOLT, LIMITER	1							
26	2	129155-61460	BOLT, IDLE	1							
27	2	129155-61480	SPACER ASSY	2							
32	2	129660-61491	SHAFT	1							
33	2	129100-61501	LEVER ASSY, GOVERNOR	1							
34	3	174307-51700	SHIM SET	2							
51	2	129155-61540	SHIFTER	1							
52	2	129155-61810	PIN	1							
53	2	129100-61821	SPRING, RETURN	1							
54	2	129155-61830	O-RING, S10	1							
55	2	129155-61950	BOLT	1							
56	2	124550-66370	NUT, M6	1							
57	2	22117-040000	WASHER, 4	1							
58	2	22190-100002	WASHER, SEAL 10	1							
59	2	22272-000040	RING, E- 4	1							
60	2	22287-120000	WASHER, 12	1							
61	2	22351-030016	PIN, SPRING 3.0X16	1							
62	2	22372-040000	PIN, SNAP 4	2							
63	2	23887-100002	PLUG, 10	1							
64	2	24311-240100	O-RING, 1AP10A	1							
65	2	26022-050102	SCREW, M5X10	2							
66	2	26023-050102	SCREW, M5X10	2							
67	2	26106-060202	BOLT, M6X 20 PLATED	6							
68	2	26756-060002	NUT, LOCK M6	1							
69	2	26776-120002	NUT, LOCK M12	2							
70	2	22190-060002	WASHER, SEAL 6	1							
71	2	22190-120002	WASHER, SEAL 12	2							
72	2	129155-61450	BOLT, LIMITER	1							
73	2	119660-61901	RETAINER, SHAFT	1							
74	2	119600-66840	NUT, CAP	1							
75	2	22190-060002	WASHER, SEAL 6	2							
76	2	26106-060102	BOLT, M6X 10 PLATED	1							
77	2	26756-060002	NUT, LOCK M6	1							
78	2	129100-61440	LEVER, CONTROL	1							
79	2	129155-61470	BOLT, CONTROL	1							
80	2	129500-61650	SPRING, FUEL CONTROL	1							
81	2	129477-61710	SPRING, GOVERNOR	1							
82	2	129400-61801	LEVER, STOP	1							

N:Old $\xrightarrow{\text{YES}}$ New, Q:Old $\xrightarrow{\text{NO}}$ New, R:Old $\xrightarrow{\text{YES}}$ New, S:Old $\xrightarrow{\text{NO}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.13. FUEL INJECTION VALVE

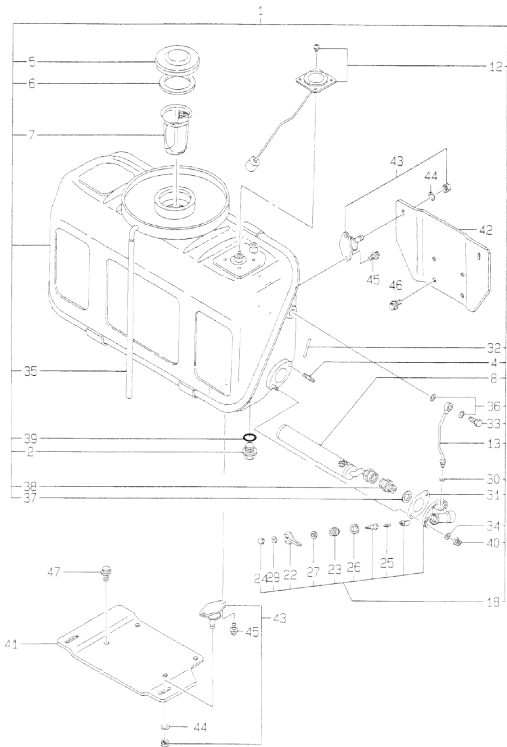


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719810-53100	VALVE ASSY,INJECTION	4							
2	2	119810-53000	VALVE ASSY,INJECTION	4							
5	2	114250-53080	NUT, NOZZLE D16.95	4							
8	2	114250-53120	SPRING, NOZZLE	4							
9	2	114250-53130	SEAT, SPRING	4							
10	2	114250-53140	PLATE	4							
11	2	114250-53210	PIN	8							
12	2	114250-53400	SHIM SET	4							
19	1	129150-59120	RETAINER, PIPE	2							
22	2	129150-59131	BOLT, M4X14	4							
24	1	129400-59910	PIPE ASSY, INJECTION	1							
28	1	129400-59920	PIPE ASSY, INJECTION	1							
32	1	129400-59930	PIPE ASSY, INJECTION	1							
36	1	129400-59940	PIPE ASSY, INJECTION	1							

OCD10-M64100 4TNE84-P

Fig.14. FUEL OIL TANK

Y000E410
4TNE84-P



OCD10-M64100 Fig.14

(A)=4TNE84-P
(B)=
(C)=

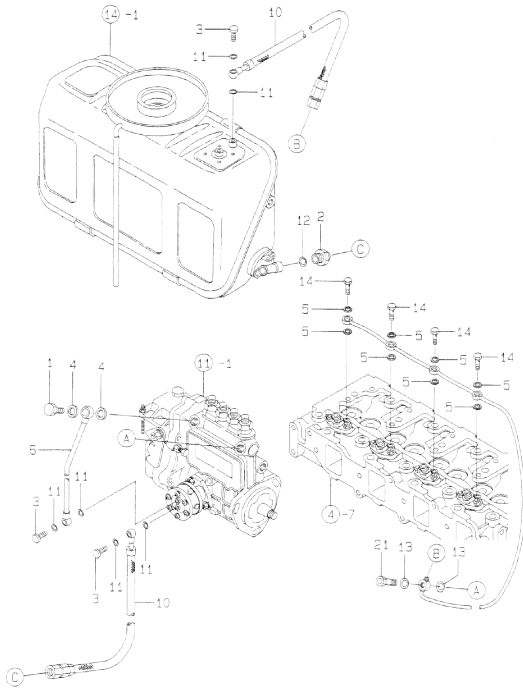
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129113-55100	TANK ASSY, FUEL	1							
2	2	124060-01640	PLUG, M12	1							
4	2	26216-060182	STUD, M6X 18	2							
5	2	105302-55040	CAP, FUEL TANK	1							
6	2	101504-55051	GASKET	1							
7	2	101504-55101	STRAINER, FUEL	1							
8	2	129113-55200	STRAINER ASSY, FUEL	1							
12	2	129113-55210	GAUGE, LEVEL	1							
13	2	104300-55250	PIPE	1							
18	2	704800-55310	COCK ASSY, FUEL	1							
22	3	101200-55341	HANDLE	1							
23	3	101200-55351	SEAT, PLUNGER SPRING	1							
24	3	101200-55360	NUT, CAP	1							
25	3	101200-55371	SPRING, VALVE	1							
26	3	101200-55380	GASKET	1							
27	3	101200-55490	O-RING	1							
29	3	22217-060000	WASHER, SPRING 6	1							
30	2	104300-55320	GASKET	1							
31	2	101100-55390	GASKET	1							
32	2	112100-55420	LABEL	1							
33	2	101147-59810	BOLT, PIPE JOINT M8	1							
34	2	22217-060000	WASHER, SPRING 6	2							
35	2	23061-070330	PIPE, 7X 330	1							
36	2	23414-080000	GASKET, 8X1.0	2							
37	2	23414-160000	GASKET, 16X1.0	1							
38	2	23831-100000	UNION, 10	1							
39	2	24311-000140	O-RING, 1AP14.0	1							
40	2	26366-060002	NUT, M6	2							
41	1	129113-55800	BRACKET, FUEL TANK	1							
42	1	129113-55830	SUPPORT	1							
43	1	171048-55850	ABSORBER	4							
44	1	22117-080000	WASHER, 8	4							
45	1	26106-060142	BOLT, M6X 14 PLATED	8							
46	1	26106-080142	BOLT, M8X 14 PLATED	4							
47	1	26106-100182	BOLT, M10X 18 PLATED	4							

OCD10-M64100 4TNE84-P

Fig.15. FUEL LINE

Y0306410
4TNE84-P



OCD10-M64100 Fig.15

(A)=4TNE84-P
(B)=
(C)=

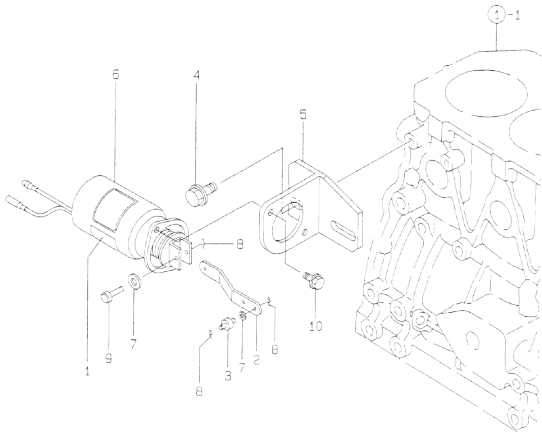
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	103854-39140	BOLT, PIPE JOINT	1							
2	1	171049-59010	UNION, M18XPT1/4	1							
3	1	105582-59150	BOLT, PIPE JOINT	3							
4	1	22190-120002	WASHER, SEAL 12	2							
5	1	23414-060000	GASKET, 6X1.0	8							
6	1	129113-59510	PIPE ASSY, FUEL	1							
10	1	129113-59600	PIPE, 8AXL800	2							
11	1	23414-080012	GASKET, 8X1.0	6							
12	1	22190-080003	WASHER, SEAL 8	1							
13	1	104200-59170	GASKET, 12	2							
14	1	129491-59540	BOLT, PIPE JOINT M6	4							
15	1	129489-59550	PIPE ASSY, RETURN	1							
21	1	129100-59951	VALVE ASSY, CHECK	1							

OCD10-M64100 4TNE84-P

Fig.16. ENGINE STOP SOLENOID

Y002B410
4TNE84-P



OCD10-M64100 Fig.16

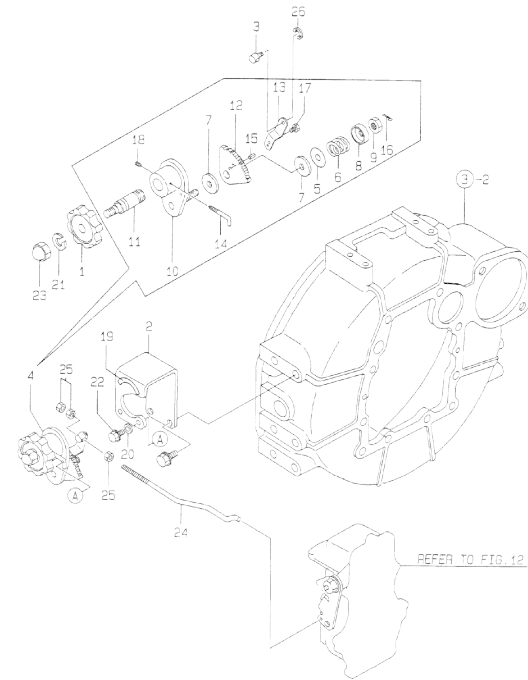
(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171010-65100	LABEL	1							
2	1	171335-65110	LINK, SOLENOID	1							
3	1	171335-65120	PIN	1							
4	1	26106-080142	BOLT, M8X 14 PLATED	2							
5	1	129410-65130	BRACKET, SOLENOID	1							
6	1	171335-77951	SOLENOID, MAGNETIC	1							
7	1	22117-050000	WASHER, 5	1							
8	1	22360-050000	SNAP PIN 5	3							
9	1	22487-050160	PIN, H 5X 16	1							
10	1	26106-060122	BOLT, M6X 12 PLATED	2							

OCD10-M64100 4TNE84-P
Fig.17. CONTROL DEVICE

*0006410
4TNE84-P



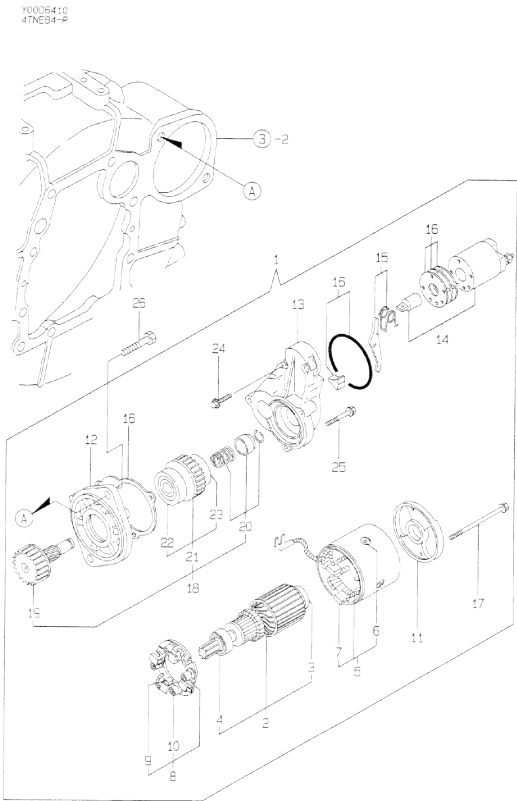
OCD10-M64100 Fig.17

(A)=4TNE84-P
(B)=
(C)=

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

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

OCD10-M64100 4TNE84-P
Fig.18. STARTING MOTOR

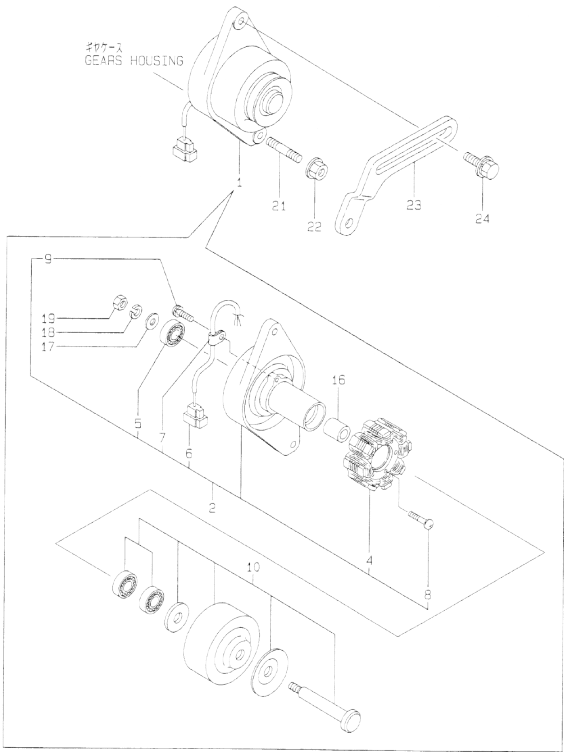


				OCD10-M64100 Fig.18						
				(A)=4TNE84-P		(D)=				
				(B)=		(E)=				
				(C)=		(F)=				
						Q'ty		I R		
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	
1	1	129400-77012	STARTER	1						
2	2	129486-77400	ARMATURE	1						
3	3	171008-77410	BEARING	1						
4	3	171008-77420	BEARING	1						
5	2	129400-77441	COIL ASSY, FIELD	1						
6	3	171008-77450	SCREW	4						
7	3	129486-77460	BRUSH	2						
8	2	129486-77470	HOLDER ASSY, BRUSH	1						
9	3	129486-77460	BRUSH	2						
10	3	129486-77490	SPRING	4						
11	2	129900-77460	COVER	1						
12	2	171008-77510	CASE, GEAR	1						
13	2	129400-77520	HOUSING	1						
14	2	129400-77531	SWITCH ASSY	1						
15	2	171008-77540	LEVER SET	1						
16	2	129400-77571	COVER ASSY, DUST	1						
17	2	129900-77640	BOLT, THROUGH	2						
18	2	171008-77650	PINION ASSY	1						
19	3	171008-77660	SHAFT	1						
20	3	171008-77670	STOPPER SET	1						
21	3	X2114555500	CLUTCH ASSY	1						
22	4	X2114955020	BEARING, BALL	1						
23	4	X2240410100	BEARING, BALL	1						
24	2	26106-060322	BOLT, M6X 32 PLATED	2						
25	2	26106-060402	BOLT, M6X 40 PLATED	3						
26	1	26116-120252	BOLT, M12X 25 PLATED	2						

OCD10-M64100 4TNE84-P

Fig.19. GENERATOR

Y0005410
4TNE84-P



OCD10-M64100 Fig.19

(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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	129410-77330	ADJUSTER	1							
24	1	26014-080252	BOLT, M8X 25	1							

Fig.20. CLUTCH

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

(A)=4TNE84-P
(B)=
(C)=

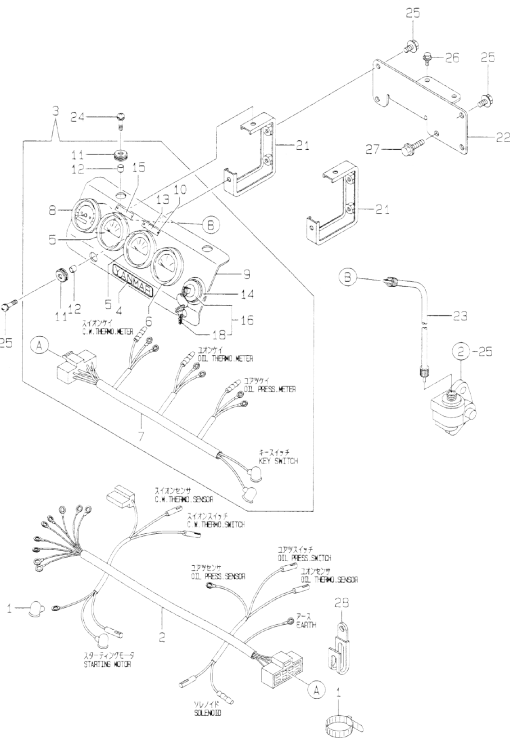
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	45100-502300	CLUTCH ASSY, FA-73H	1							
3	2	XJC410244	SCREW, M10X20	1							
4	2	X4SC20017	SHOE	3							
5	2	XJC410224	SCREW, M6X6	6							
6	2	X4SC21082	BUSH	6							
7	2	X3SC20051	LINING	3							
8	2	XJC40031	RIVET	3							
9	2	X2SC20211	HOSE	1							
10	2	X4SC20025	PLATE	6							
11	2	XJC40007	BOLT	6							
12	2	XJC40092	NUT	1							
13	2	X3SC21363	ADAPTER	1							
14	2	XJC40019	BOLT, M12X90	3							
15	2	XJC4101410	WASHER	3							
16	2	XJC4101313	WASHER, SPRING	3							
17	2	XJC410597	BOLT, M8X25	8							
18	2	XJC4101311	WASHER, SPRING	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:Qty Change

OCD10-M64100 4TNE84-P

Fig.21. INSTRUMENT PANEL

Y00DB410
4TNE84-P



OCD10-M64100 Fig.21

(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121750-59890	BAND, 140	1							
2	1	129113-91020	HARNESS, WIRE	1							
3	1	129113-91100	PANEL ASSY	1							
4	2	104507-07190	LABEL, YANMAR	1							
5	2	171010-77850	THERMOSTAT	2							
6	2	171090-91010	GAUGE	1							
7	2	129113-91030	HARNESS, WIRE	1							
8	2	171011-91100	TACHOMETER	1							
9	2	129113-91110	PANEL	1							
10	2	137900-91451	RIVET	4							
11	2	121400-91520	ABSORBER	4							
12	2	121400-91530	SPACER	4							
13	2	132310-91900	LABEL(L.O PRESSURE	1							
14	2	171048-91900	LABEL	1							
15	2	132310-91920	LABEL(C.W PRESSURE	1							
16	2	933110-00100	SWITCH ASSY, STARTER	1							
18	3	933110-00301	KEY ASSY	1							
21	1	119888-91120	SUPPORT	2							
22	1	129413-91130	BRACKET, PANEL	1							
23	1	121400-91140	SHAFT	1							
24	1	26033-060202	SCREW M 6X 20	4							
25	1	26106-080122	BOLT, M8X 12 PLATED	4							
26	1	26106-060122	BOLT, M6X 12 PLATED	2							
27	1	26106-080302	BOLT, M8X 30 PLATED	1							
28	1	194180-51640	CLAMP, HARNESS	1							

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.22. SAFETY LABEL

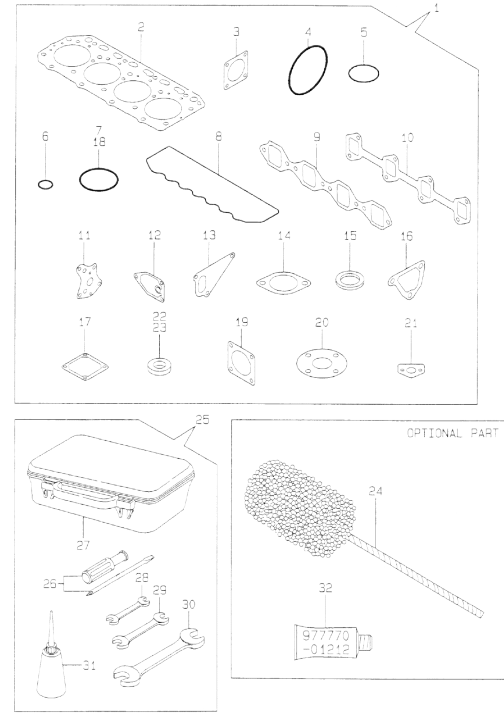
[illegible]

OCD10-M64100 4TNE84-P

Fig.23. GASKET SET & TOOL

OCD10-M64100 Fig.23

Y0256410
4TNE84-P



(A)=4TNE84-P
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729408-92660	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	24311-000320	O-RING, 1AP32.0	2							
6	2	24311-000120	O-RING, 1AP12.0	3							
7	2	24341-000500	O-RING, 1AS50.0	1							
8	2	129550-11310	GASKET, BONNET	1							
9	2	129550-12111	GASKET, MANIFOLD	1							
10	2	129550-13110	GASKET	1							
11	2	129150-32020	GASKET, PUMP	1							
12	2	129150-35111	GASKET	1							
13	2	129100-42020	GASKET, WATER PUMP	1							
14	2	129795-49551	GASKET	1							
15	2	129150-49811	GASKET, THERMOSTAT	1							
16	2	129100-49840	GASKET	1							
17	2	129150-77511	GASKET	1							
18	2	24341-000250	O-RING, 1AS25.0	1							
19	2	129400-13201	GASKET, SILENCER	1							
20	2	23446-050000	GASKET 50	1							
21	2	129150-35041	GASKET	1							
22	2	129150-49360	GASKET	2							
23	2	124465-44950	GASKET, 16	1							
24	1	129400-92420	HONE	1							1
25	1	721400-92102	BOX ASSY, TOOL	1							
26	2	104200-92350	DRIVER, SCREW	1							
27	2	104200-92600	BOX, TOOL	1							
28	2	28110-100120	SPANNER, 10X12	1							
29	2	28110-140170	SPANNER, 14X17	1							
30	2	28110-190220	SPANNER, 19X22	1							
31	2	28210-000140	OILER	1							
32	1	977770-01212	GASKET, LIQUID	1							1

Remarks
(1) OPTIONAL PART.

N:Old $\frac{YES}{NO}$ New, Q:Old $\frac{YES}{NO}$ New, R:Old $\frac{YES}{NO}$ New, S:Old $\frac{YES}{NO}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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101200-55360	14	24
101200-55371	14	25
101200-55380	14	26
101200-55490	14	27
101504-55051	14	6
101504-55101	14	7
103854-39140	15	1
104200-11920	3	26
104200-59170	15	13
104200-66820	17	6
104200-66830	17	7
104200-66850	17	8
104200-66860	17	9
104200-92350	23	26
104200-92600	23	27
104300-55250	14	13
104300-55320	14	30
104507-07190	21	4
105302-55040	14	5
105582-59150	15	3
106383-44720	19	16
106383-44730	19	17
112100-55420	14	32
114250-53080	13	5
114250-53120	13	8
114250-53130	13	9
114250-53140	13	10
114250-53210	13	11
114250-53400	13	12
119600-66840	12	74
119620-01750	3	3
119625-11871	4	27
119625-11880	4	25
119625-11900	4	26
119660-61901	12	73
119810-53000	13	2
119865-21600	8	16
119888-01600	3	2
119888-08110	3	23
119888-66110	17	2
119888-66130	17	3
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120130-11860	4	11
121111-21501	8	12
121250-44581	10	25
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121400-44650	10	26
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121400-91520	21	11
121400-91530	21	12
121450-01560	2	6
121456-49160	10	60
121520-34810	9	14
121520-49160	10	59
121550-23200	8	30
121550-49111	10	53
121750-59890	21	1
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122710-51090	11	8
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124160-39140	9	29
124160-39450	9	28
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124240-01883	2	9
	23	3
124250-49351	9	17
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124460-11340	4	23
124465-44950	10	64
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124550-51350	11	30
124550-51370	11	31
124550-59820	9	34
124550-66370	12	56
124574-44761	10	43
124736-07900	4	5
124766-59050	10	61
124950-51190	11	15
126650-66020	17	1
129001-02800	1	15
129001-35300	9	24
129001-42002	10	2
129001-42040	10	17
129002-22081	8	17
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129100-11110	4	18
129100-11650	4	37
129100-23910	8	29
129100-25061	7	9
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129100-61440	12	78
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129113-55100	14	1
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129113-55800	14	41
129113-55830	14	42
129113-59510	15	6
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129113-91100	21	3
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129136-34800	9	39
129150-01200	1	29
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129150-02870	1	31
129150-02930	1	24
129150-02940	1	34
129150-03020	4	47
129150-03070	4	48
129150-03080	4	49
129150-03090	4	1
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129150-11280	4	33

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129150-11750	4	40
129150-11810	4	13
129150-14101	7	7
129150-14200	7	1
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129150-25101	7	10
129150-25900	7	15
129150-25920	7	13
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129150-49080	10	55
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129150-49360	9	18
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129150-49811	10	51
	23	15
129150-59120	13	19
129150-59131	13	22
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129150-91400	2	25
129155-11260	4	31
129155-11270	4	32
129155-42350	10	21
129155-49800	10	50
129155-51020	11	4
129155-51050	11	6
129155-51060	11	7
129155-51140	11	12
129155-51180	11	14
129155-51200	11	16
129155-51270	11	23
129155-51280	11	24
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129155-51340	11	29
129155-51370	11	32
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129155-51530	11	45
129155-51540	11	46
129155-51550	11	47
129155-51570	11	50
129155-51580	11	51
129155-51591	11	52
129155-51600	11	53
129155-51790	11	76
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129155-51940	11	79
129155-52050	11	92
129155-61050	12	5
129155-61060	12	6
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129155-61341	12	15
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129155-61480	12	27
129155-61540	12	51
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129155-61830	12	54
129155-61950	12	55
129156-51910	11	77
129188-08100	3	22
129188-44950	10	28
129188-44960	10	29
129188-44970	10	30
129188-44980	10	31
129202-22300	8	23
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129400-01730	3	6
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129400-12100	5	11
129400-13101	6	1

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129400-59920	13	28
129400-59930	13	32
129400-59940	13	36
129400-61801	12	82
129400-77012	18	1
129400-77441	18	5
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129400-77531	18	14
129400-77571	18	16
129400-92420	23	24
129407-11700	4	7
129407-21000	8	1
129407-32000	9	1
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129410-65130	16	5
129410-77330	19	23
129411-13300	6	7
129413-44940	10	27
129413-91130	21	22
129436-35070	9	16 -1
129436-35091	9	16
129470-12210	5	1
129470-51040	11	5
129470-51101	11	9
129477-61710	12	81
129486-01670	3	19
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129486-77470	18	8
129486-77490	18	10
129488-21590	8	13
129488-66120	17	24
129489-59550	15	15
129491-52100	11	93
129491-59540	15	14
129500-11240	4	30
129500-61650	12	80
129550-11290	4	34
129550-11310	4	52
	23	8
129550-12111	5	12
	23	9
129550-13110	6	2
	23	10
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129555-51700	11	72
129555-51710	11	73
129555-51750	11	74
129555-51760	11	75
129604-07900	4	5 -1
129660-61491	12	32
129688-01780	3	8 -1
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129795-01900	19	21
129795-01950	2	10
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