

0CD10-M72901EN

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
		(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.

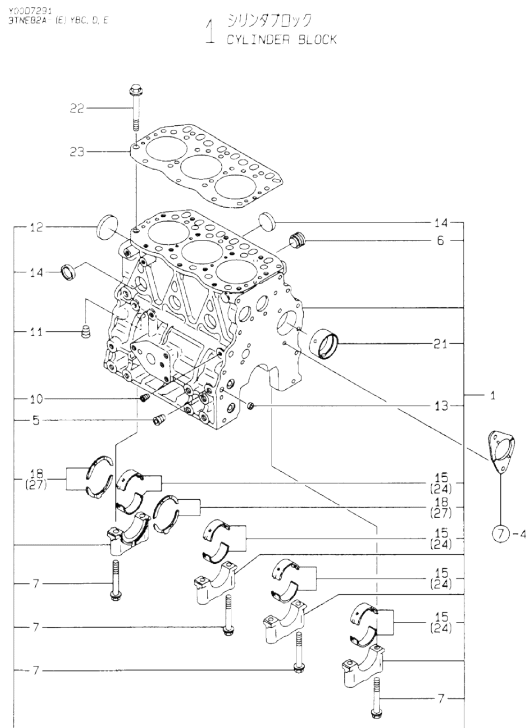
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

Contents

Fig. No.	Fig. Name	Fig. No.	Fig. Name
3TNE82A-(E)YBC,D,E			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
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.	GASKET SET		

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Fig.1. CYLINDER BLOCK



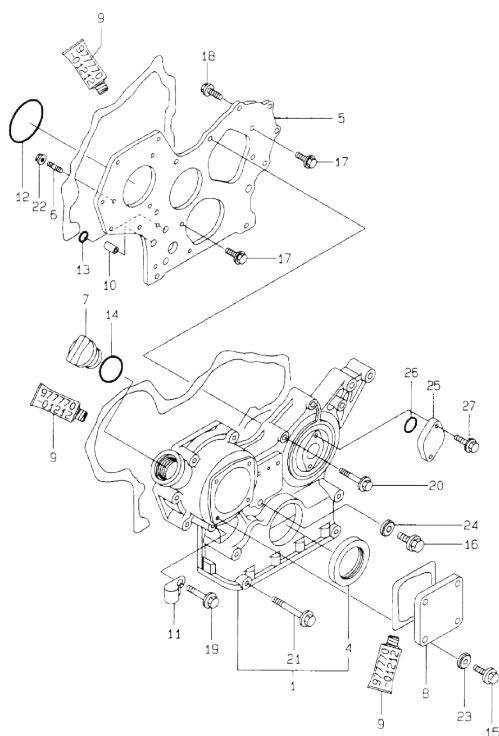
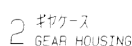
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719813-01560	BLOCK ASSY, CYLINDER	1	1	1	1	1			
5	2	124160-01910	PLUG, PT1/4	2	2	2	2	2			
6	2	171051-01921	PLUG, NPTF1	1	1	1	1	1			
7	2	119620-02020	BOLT, METAL CAP	8	8	8	8	8			
10	2	23876-010000	PLUG, R01	1	1	1	1	1			
11	2	124160-01910	PLUG, PT1/4	1	1	1	1	1			
12	2	129001-01250	PLUG, 50	1	1	1	1	1			
13	2	27241-120000	PLUG, 12	2	2	2	2	2			
14	2	27241-300000	PLUG 30	6	6	6	6	6			
15	2	719810-02800	BEARING, MAIN	4	4	4	4	4			
18	2	719810-02930	BEARING, THRUST	2	2	2	2	2			
21	2	129795-02411	BUSH, CAMSHAFT	1	1	1	1	1			
22	1	119810-01200	BOLT, HEAD	14	14	14	14	14			
23	1	119812-01330	GASKET, HEAD	1	1	1	1	1			
24	1	119810-02870	BEARING, 0.25 US	4	4	4	4	4			1
27	1	119810-02940	BEARING, THRUST 0.25	2	2	2	2	2			2

Remarks

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

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{R10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{R10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.2. GEAR HOUSING

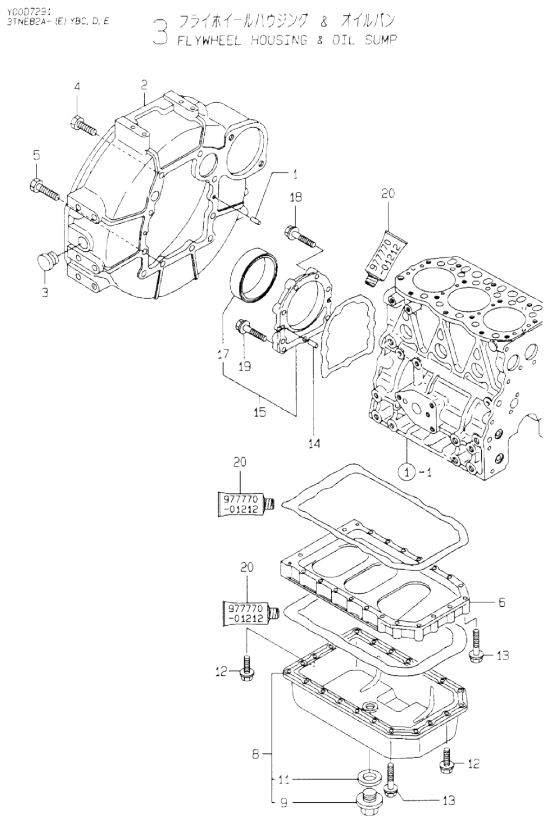


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719810-01500	CASE ASSY, GEAR	1	1	1	1	1			
4	2	129795-01800	SEAL, OIL	1	1	1	1	1			
5	1	129400-01520	FLANGE, GEAR CASE	1	1	1	1	1			
6	1	121450-01560	STUD, M8X22	3	3	3	3	3			
7	1	124160-01751	COVER, FILLER	1	1	1	1	1			
8	1	124240-01871	COVER	1	1	1	1	1			
9	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			1
10	1	129795-01950	PIPE, KNOCK L=18	2	2	2	2	2			
11	1	129150-03100	RETAINER, PIPE	1	1	1	1	1			
12	1	121850-51960	O-RING	1	1	1	1	1			
13	1	24311-000160	O-RING, 1AP16.0	2	2	2	2	2			
14	1	24311-000320	O-RING, 1AP32.0	1	1	1	1	1			
15	1	26106-080122	BOLT, M8X 12 PLATED	4	4	4	4	4			
16	1	26106-080162	BOLT, M8X 16 PLATED	1	1	1	1	1			
17	1	26106-080162	BOLT, M8X 16 PLATED	3	3	3	3	3			
18	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2	2			
19	1	26106-080452	BOLT, M8X 45 PLATED	6	6	6	6	6			
20	1	26106-080552	BOLT, M8X 55 PLATED	3	3	3	3	3			
21	1	129001-91841	BOLT, M8X85	4	4	4	4	4			
22	1	26366-080002	NUT, M8	3	3	3	3	3			
22-1	1	26306-080002	NUT, M8	3	3	3	3	3			N
(A)=EXXX (B)=EXXX (C)=EXXX (D)=EXXX (E)=EXXX											
23	1	22190-080002	WASHER, SEAL 6	4	4	4	4	4			
24	1	22190-080002	WASHER, SEAL 6	1	1	1	1	1			
25	1	121023-01550	COVER	1	1	1	1	1			
26	1	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
27	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2	2			

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:Qty Change

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Fig.3. FLYWHEEL HOUSING & OIL SUMP



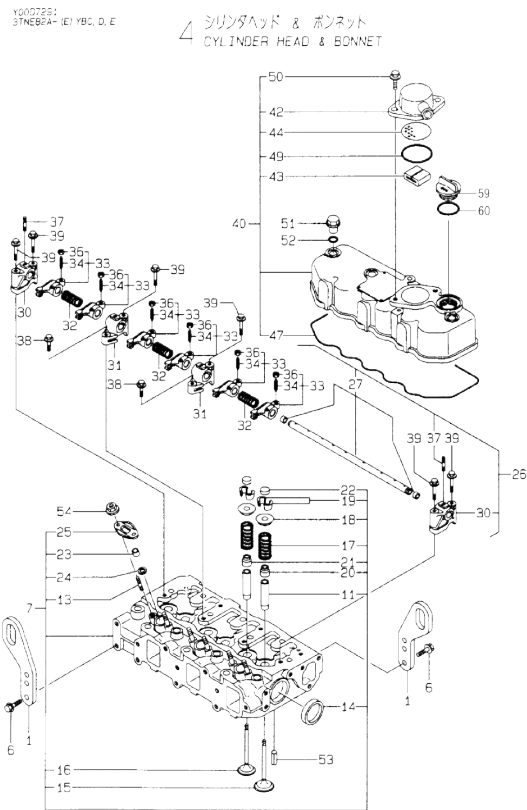
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, M8X16	2	2	2	2	2			
2	1	129612-01600	HOUSING, FLYWHEEL	1	1	1	1	1			
3	1	119620-01750	CAP	1	1	1	1	1			
4	1	26206-100252	BOLT, M10X 25 PLATED	6	6	6	6	6			
5	1	26206-100302	BOLT, M10X 30 PLATED	4	4	4	4	4			
6	1	119810-01730	SPACER, OIL SUMP	1	1	1	1	1			
8	1	119810-01790	SUMP ASSY, OIL	1	1	1	1	1			
9	2	119640-01640	PLUG, DRAIN M22	1	1	1	1	1			
11	2	22190-220002	WASHER, SEAL 22	1	1	1	1	1			
12	1	26106-080162	BOLT, M8X 16 PLATED	6	6	6	6	6			
13	1	26106-080452	BOLT, M8X 45 PLATED	22	22	22	22	22			
14	1	129100-01580	PIN, M8X16	2	2	2	2	2			
15	1	719810-01650	CASE ASSY, OIL SEAL	1	1	1	1	1			
17	2	119810-01780	SEAL, 769310	1	1	1	1	1			
18	1	129486-01670	BOLT, M8X30	6	6	6	6	6			
19	1	26106-080352	BOLT, M8X 35 PLATED	3	3	3	3	3			
20	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			1

Remarks
(1) OPTIONAL PART.

N:Old $\frac{Y000}{100}$ New, Q:Old $\frac{R10}{100}$ New, R:Old $\frac{Y000}{100}$ New, S:Old $\frac{R10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129486-07901	LIFTER	2	2	2	2	2			
6	1	26106-080142	BOLT, M8X 14 PLATED	4	4	4	4	4			
7	1	119812-11700	HEAD ASSY, CYLINDER	1	1	1	1	1			
11	2	124060-11800	GUIDE, VALVE	6	6	6	6	6			1
13	2	26216-060302	STUD, M6X 30	6	6	6	6	6			
14	2	27241-400000	PLUG, 40	2	2	2	2	2			
15	2	119810-11100	VALVE, INTAKE	3	3	3	3	3			
16	2	119810-11110	VALVE, EXHAUST	3	3	3	3	3			
17	2	119810-11120	SPRING, VALVE	6	6	6	6	6			
18	2	104211-11180	RETAINER, SPRING	6	6	6	6	6			
19	2	27310-070001	COTTER, 7	6	6	6	6	6			
20	2	124160-11340	SEAL, VALVE STEM	3	3	3	3	3			
21	2	124950-11340	SEAL, VALVE STEM	3	3	3	3	3			
22	2	104211-11370	CAP, VALVE	6	6	6	6	6			
23	2	119625-11870	PROTECTOR, NOZZLE	3	3	3	3	3			
24	2	119625-11880	SEAT, NOZZLE	3	3	3	3	3			
25	2	119625-11900	RETAINER, NOZZLE	3	3	3	3	3			
26	1	119865-11210	SUPPORT ASSY	1	1	1	1	1			
27	2	119810-11240	SHAFT ASSY, ROCKER	1	1	1	1	1			
30	2	129155-11260	SUPPORT, ROCKER ARM	2	2	2	2	2			
31	2	129155-11270	SUPPORT, ROCKER ARM	2	2	2	2	2			
32	2	129150-11280	SPRING	3	3	3	3	3			
33	2	719810-11660	ARM ASSY, ROCKER	6	6	6	6	6			
34	3	129150-11230	SCREW, VALVE ADJUST	6	6	6	6	6			
36	3	129150-11750	NUT, M8	6	6	6	6	6			
37	2	26226-080182	STUD, M8X 18	3	3	3	3	3			
38	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2	2			
39	1	26106-080502	BOLT, M8X 50 PLATED	6	6	6	6	6			
40	1	719810-11521	BONNET ASSY, HEAD	1	1	1	1	1			
42	2	129150-03020	COVER, BREATHER	1	1	1	1	1			
43	2	129150-03070	BAFFLE, BREATHER	1	1	1	1	1			
44	2	129150-03080	PLATE, BAFFLE	1	1	1	1	1			
47	2	119865-11310	GASKET, BONNET	1	1	1	1	1			
49	2	24341-000500	O-RING, 1AS50.0	1	1	1	1	1			
50	2	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2	2			
51	1	124160-11360	KNOB	3	3	3	3	3			
52	1	24311-000120	O-RING, 1AP12.0	3	3	3	3	3			
53	1	22351-060012	PIN, SPRING 6.0X12	2	2	2	2	2			
54	1	26366-060002	NUT, M6	6	6	6	6	6			
59	1	124160-01751	COVER, FILLER	1	1	1	1	1			
60	1	24311-000320	O-RING, 1AP32.0	1	1	1	1	1			

Remarks
(1) REPAIR PART.

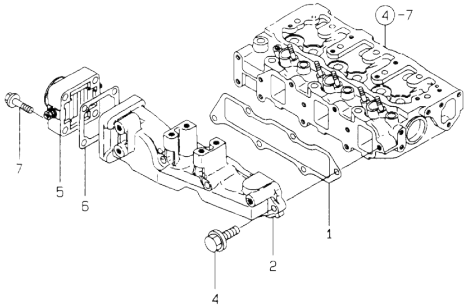
N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{HQ}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{HS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.5. SUCTION MANIFOLD

100072901
3TNE82A- (E) YBC, D, E

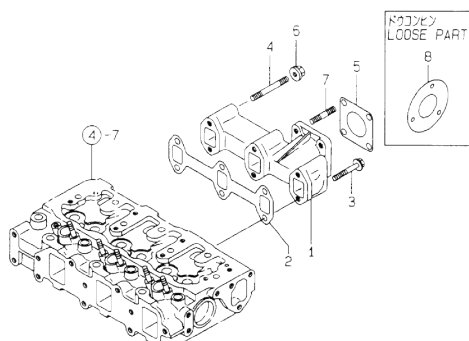
5 キュウギマニホルド
SUCTION MANIFOLD



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-12110	GASKET, MANIFOLD	1	1	1	1	1			
2	1	119813-12100	MANIFOLD, AIR INTAKE	1	1	1	1	1			
4	1	26106-080252	BOLT, M8X 25 PLATED	6	6	6	6	6			
5	1	129120-77501	HEATER	1	1	1	1	1			
6	1	129150-77511	GASKET	1	1	1	1	1			
7	1	26106-080352	BOLT, M8X 35 PLATED	4	4	4	4	4			
</											

Fig.6. EXHAUST MANIFOLD

6 ハイキマニホールド
EXHAUST MANIFOLD



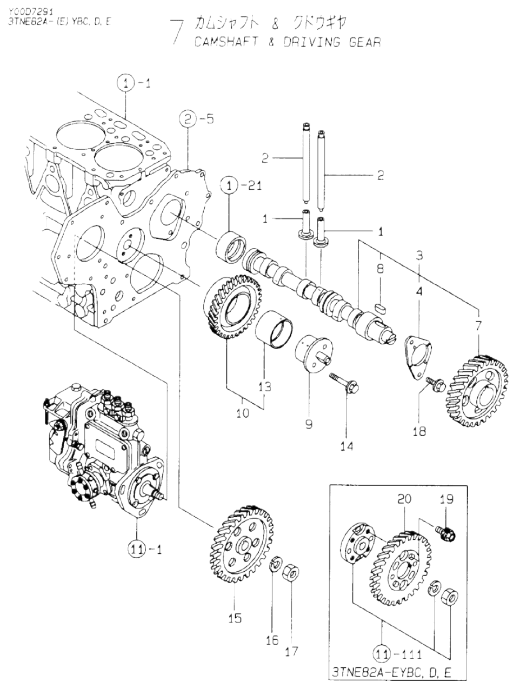
				(A)=3TNE82A-YBC (B)=3TNE82A-YBD (C)=3TNE82A-EYBC	(D)=3TNE82A-EYBD (E)=3TNE82A-EYBE (F)=							
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119810-13100	MANIFOLD, EXHAUST	1	1	1	1	1				
2	1	119810-13110	GASKET	1	1	1	1	1				
3	1	26106-080602	BOLT, M8X 60 PLATED	4	4	4	4	4				
4	1	26216-080602	STUD, M8X 60	2	2	2	2	2				
5	1	124701-11911	GASKET, SILENCER	1	1	1	1	1				
6	1	26366-080002	NUT, M8	2	2	2	2	2				
6-1	1	26306-080002	NUT, M8	2	2	2	2	2			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)	(E=EXXX)							
7	1	119131-18320	STUD, M8X22	4	4	4	4	4				
8	1	103954-13201	GASKET, SILENCER	1	1	1	1	1				

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

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Fig.7. CAMSHAFT & DRIVING GEAR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	6	6	6	6	6			
2	1	119810-14400	ROD, PUSH	6	6	6	6	6			
3	1	119810-14580	CAMSHAFT ASSY	1	1	1	1	1			
4	2	129150-02450	BEARING, THRUST	1	1	1	1	1			
7	2	129150-14101	GEAR, CAMSHAFT	1	1	1	1	1			
8	2	22512-070140	KEY, 7X 14	1	1	1	1	1			
9	1	129100-25061	SHAFT, IDLE	1	1	1	1	1			
10	1	129150-25101	GEAR ASSY, IDLE	1	1	1	1	1			
13	2	129150-25920	BUSH, IDLE GEAR	1	1	1	1	1			1
14	1	26106-080452	BOLT, M8X 45 PLATED	2	2	2	2	2			
15	1	129150-25900	GEAR, PUMP	1	1						
16	1	22217-120000	WASHER, SPRING 12	1	1						
17	1	26716-120002	NUT, M12	1	1						
18	1	26106-080142	BOLT, M8X 14 PLATED	2	2	2	2	2			
19	1	129150-25301	BOLT			4	4	4			
20	1	129150-25931	GEAR, PUMP			1	1	1			

Remarks

(1) REPAIR PART.

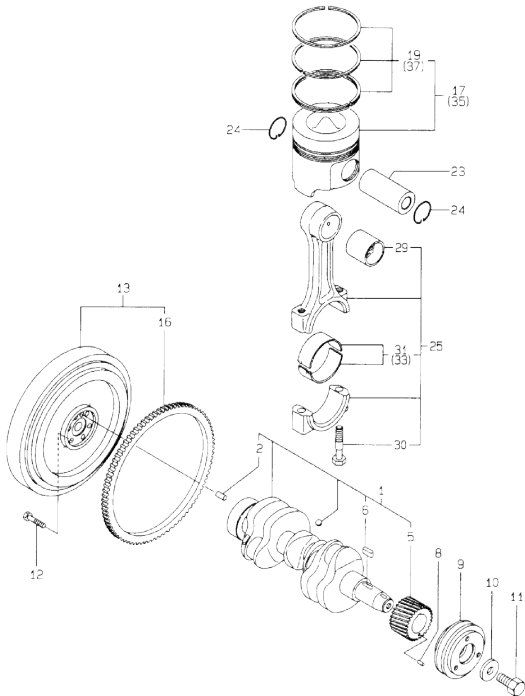
N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{RIS}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{RIS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.8. CRANKSHAFT & PISTON

Y0027251
3TNE82A- (E) YBC, D, F

クランクシャフト & ピストン
CRANKSHAFT & PISTON



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119813-21000	CRANKSHAFT ASSY	1	1	1	1	1			
2	2	129100-01580	PIN, M8X16	1	1	1	1	1			
5	2	129150-21200	GEAR, CRANKSHAFT	1	1	1	1	1			
6	2	22512-070140	KEY, 7X 14	1	1	1	1	1			
8	1	22351-040010	PIN, SPRING 4.0X10	1	1	1	1	1			
9	1	171301-21650	V-PULLEY	1	1	1	1	1			
10	1	129795-21661	WASHER	1	1	1	1	1			
11	1	121850-21680	BOLT	1	1	1	1	1			
12	1	121111-21501	BOLT, FLYWHEEL	6	6	6	6	6			
13	1	171325-21590	FLYWHEEL ASSY	1	1	1	1	1			
16	2	119865-21600	GEAR, RING	1	1	1	1	1			
17	1	119813-22080	PISTON ASSY	3	3	3	3	3			
19	2	119813-22500	RING SET, PISTON	3	3	3	3	3			
23	1	119813-22300	PIN, PISTON	3	3	3	3	3			
24	1	129792-22400	CIRCLIP, 23	6	6	6	6	6			
25	1	719810-23100	ROD ASSY, CONNECTING	3	3	3	3	3			
29	2	119810-23910	BEARING, PISTON PIN	3	3	3	3	3			1
30	2	119810-23200	BOLT, CONNECTING ROD	6	6	6	6	6			
31	2	119810-23600	BEARING, CRANK PIN	3	3	3	3	3			
33	1	119810-23610	BEARING, 0.25 US	3	3	3	3	3			2
35	1	119813-22900	PISTON ASSY, 0.25 OS	3	3	3	3	3			3
37	2	129003-22950	RING SET, 0.25 OS	3	3	3	3	3			3

Remarks

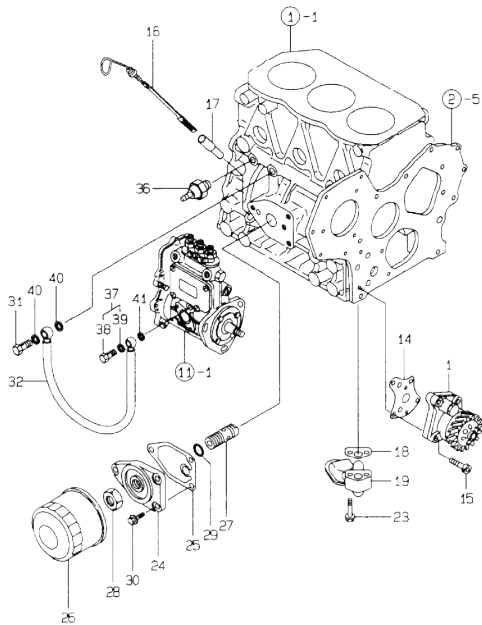
- (1) REPAIR PART.
(2) UNDER-SIZE(U.S=0.25)PART.
(3) OVER-SIZE(O.S=0.25)PART.

OCD10-M72901

Fig.9. LUB.OIL SYSTEM

Y0007291
3TNE82A- (E) YBC, D, E

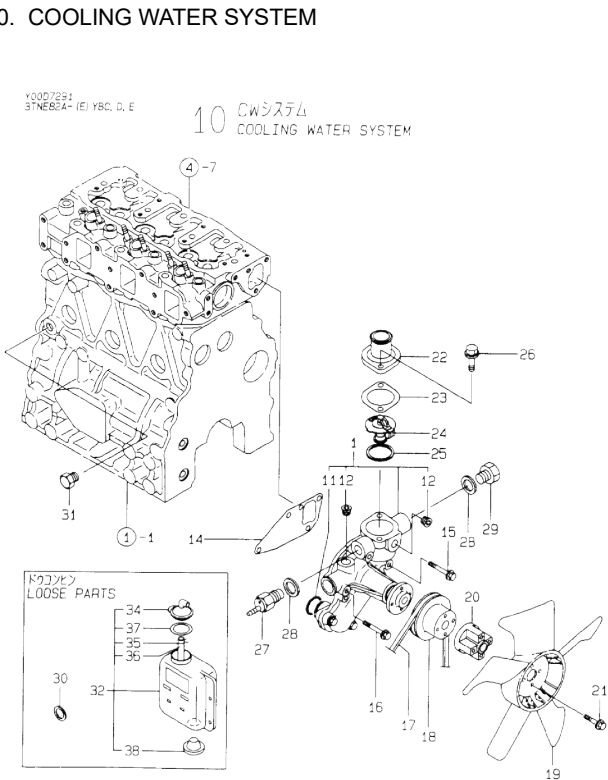
9 潤滑油システム
LUB.OIL SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129001-32001	PUMP ASSY, OIL	1	1	1	1	1	1		
14	1	129150-32020	GASKET, PUMP	1	1	1	1	1	1		
15	1	26450-060252	BOLT, M6X 25	4	4	4	4	4	4		
16	1	119640-34800	DIPSTICK, OIL	1	1	1	1	1	1		
17	1	121520-34810	GUIDE, DIPSTICK	1	1	1	1	1	1		
18	1	129150-35041	GASKET	1	1	1	1	1	1		
19	1	119810-35401	PIPE ASSY, OIL INLET	1	1	1	1	1	1		
23	1	26106-080352	BOLT, M8X 35 PLATED	2	2	2	2	2	2		
24	1	129150-35101	BRACKET, STRAINER	1	1	1	1	1	1		
25	1	129150-35111	GASKET	1	1	1	1	1	1		
26	1	129150-35151	FILTER, D80XL80	1	1	1	1	1	1		
27	1	129001-35300	BOLT, FILTER	1	1	1	1	1	1		
28	1	129150-35350	NUT	1	1	1	1	1	1		
29	1	24311-000160	O-RING, 1AP16.0	1	1	1	1	1	1		
30	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3	3	3	3		
31	1	124160-39140	BOLT, PIPE JOINT M10	1	1	1	1	1	1		
32	1	119810-39200	PIPE ASSY, OIL	1	1	1	1	1	1		
36	1	114250-39450	SWITCH, 0.5KG	1	1	1	1	1	1		
37	1	124550-59830	BOLT ASSY, JOINT M8	1	1	1	1	1	1		
38	2	124550-59820	BOLT, PIPE JOINT M8	1	1	1	1	1	1		
39	2	22190-080002	WASHER, SEAL 6	1	1	1	1	1	1		
40	1	22190-100002	WASHER, SEAL 10	2	2	2	2	2	2		
41	1	22190-080002	WASHER, SEAL 6	1	1	1	1	1	1		

OCD10-M72901

Fig.10. COOLING WATER SYSTEM

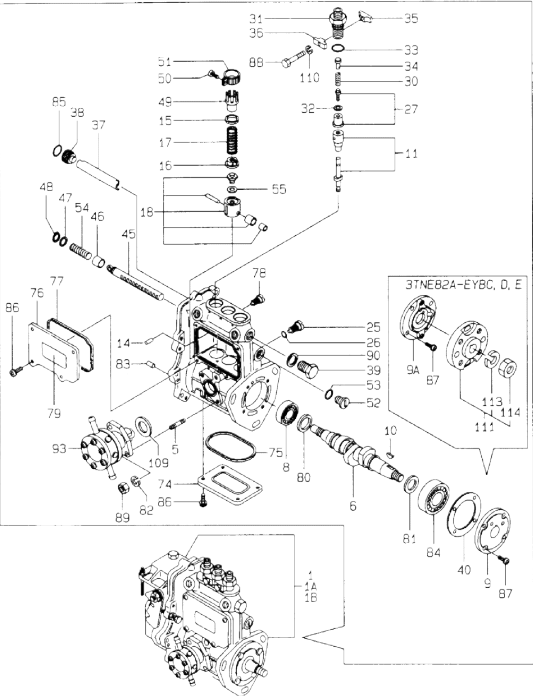


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119810-42001	PUMP ASSY, WATER	1	1	1	1	1	1		
11	2	129150-42320	O-RING	1	1	1	1	1	1		
12	2	23876-030000	PLUG, R03	2	2	2	2	2	2		
14	1	129486-42050	GASKET, WATER PUMP	1	1	1	1	1	1		
15	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1	1	1	1		
16	1	26106-080552	BOLT, M8X 55 PLATED	3	3	3	3	3	3		
17	1	25132-003800	V-BELT, A38	1	1	1	1	1	1		
18	1	129556-42350	V-PULLEY, 96	1	1	1	1	1	1		
19	1	119265-44740	FAN, D=310X5F	1	1	1	1	1	1		
20	1	171353-44760	SPACER, FAN	1	1	1	1	1	1		
21	1	26106-060352	BOLT, M6X 35 PLATED	4	4	4	4	4	4		
22	1	129350-49530	COVER, THERMOSTAT	1	1	1	1	1	1		
23	1	129795-49551	GASKET	1	1	1	1	1	1		
24	1	129155-49800	THERMOSTAT, 71	1	1	1	1	1	1		
25	1	129150-49811	GASKET, THERMOSTAT	1	1	1	1	1	1		
26	1	26106-080222	BOLT, M8X 22 PLATED	2	2	2	2	2	2		
27	1	121250-44901	SWITCH, 110	1	1	1	1	1	1		
28	1	124465-44950	GASKET, 16	2	2	2	2	2	2		
29	1	121450-42450	PLUG, M16	1	1	1	1	1	1		
30	1	129150-49360	GASKET	1	1	1	1	1	1		
31	1	171056-49120	PLUG, DRAIN	1	1	1	1	1	1		
32	1	121468-44510	SUB-TANK ASSY	1	1	1	1	1	1		
34	2	121450-44531	CAP	1	1	1	1	1	1		
35	2	124450-44560	RETAINER	1	1	1	1	1	1		
36	2	23065-070130	PIPE, 7X 130	1	1	1	1	1	1		
37	2	121470-44581	GASKET	1	1	1	1	1	1		
38	2	121468-44540	PLUG, SUB-TANK	1	1	1	1	1	1		

Fig.11. FUEL INJECTION PUMP

Y0007291
3TNE82A*(E) YBC, D, E

11 F07ンシャポンプ
FUEL INJECTION PUMP



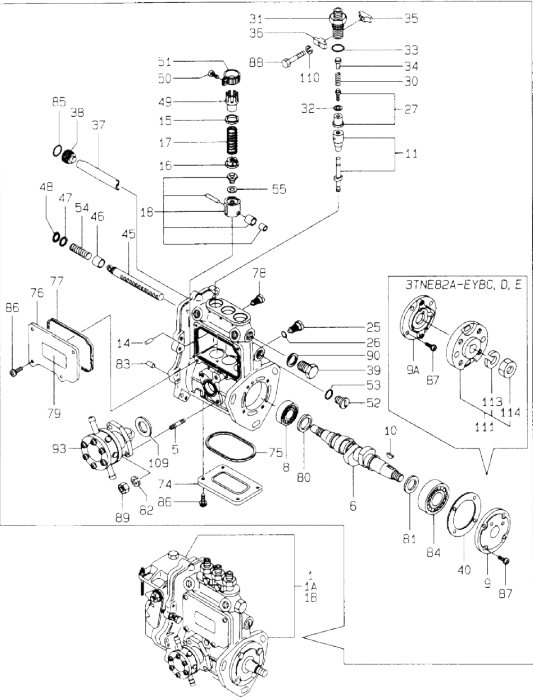
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719833-51360	PUMP ASSY, INJECTION	1	1						1
1A	1	719833-51450	PUMP ASSY, INJECTION			1					1
1B	1	719833-51460	PUMP ASSY, INJECTION								1
5	2	129155-51020	STUD	2	2	2	2	2			
6	2	119810-51040	CAMSHAFT	1	1	1	1	1			
8	2	129155-51050	BEARING, 17BM001D	1	1	1	1	1			
9	2	129155-51060	SUPPORT, CAMSHAFT	1	1						
9A	2	129208-51060	SUPPORT			1	1	1			
10	2	122710-51090	KEY	1	1	1	1	1			
11	2	129108-51100	PLUNGER ASSY	3	3	3	3	3			
14	2	129155-51140	PIN	3	3	3	3	3			
15	2	174307-51170	RETAINER, SPRING A	3	3	3	3	3			
16	2	129155-51180	RETAINER, SPRING	3	3	3	3	3			
17	2	124950-51190	SPRING, PLUNGER	3	3	3	3	3			
18	2	129155-51200	TAPPET ASSY	3	3	3	3	3			
25	2	129155-51270	STOPPER, TAPPET	3	3	3	3	3			
26	2	129155-51280	O-RING, S6	3	3	3	3	3			
27	2	129450-51300	VALVE ASSY, DELIVERY	3	3	3	3	3			
30	2	129155-51320	SPRING, DELIVERY	3	3	3	3	3			
31	2	129155-51340	RETAINER	3	3	3	3	3			
32	2	124550-51350	GASKET, DELIVERY	3	3	3	3	3			
33	2	124550-51370	O-RING	3	3	3	3	3			
34	2	129155-51370	STOPPER, VALVE	3	3	3	3	3			
35	2	129155-51380	STOPPER	2	2	2	2	2			
36	2	129155-51390	STOPPER	2	2	2	2	2			
37	2	129155-51400	DEFLECTOR	1	1	1	1	1			
38	2	129155-51410	BOLT	1	1	1	1	1			
39	2	129155-51420	PLUG, M16	1	1	1	1	1			
40	2	129155-51450	SHIM SET, ADJUSTING	1	1	1	1	1			
45	2	129155-51500	RACK, CONTROL	1	1	1	1	1			
46	2	129155-51521	BUSH, RACK	1	1	1	1	1			
47	2	129155-51530	SPACER	1	1	1	1	1			
48	2	129155-51540	CIRCLIP	1	1	1	1	1			
49	2	129155-51550	PINION, CONTROL	3	3	3	3	3			
50	2	122117-51560	SCREW	3	3						
50-1	2	129100-51570	SCREW	3	3	3	3	3			N
(A=E0000) (B=E0000)											
51	2	174307-51560	PINION	3	3						
51-1	2	129100-51560	PINION	3	3	3	3	3			N
(A=E0000) (B=E0000)											
52	2	129155-51570	PLUG, M12	1	1	1	1	1			
53	2	129155-51580	O-RING	1	1	1	1	1			
54	2	129155-51591	SPRING, RACK	1	1	1	1	1			
55	2	129155-51600	SHIM SET, ADJUSTING	3	3	3	3	3			
74	2	129155-51701	COVER	1	1	1	1	1			
75	2	129155-51710	GASKET	1	1						
75-1	2	129155-51711	GASKET	1	1	1	1	1			N
(A=E60895) (B=E61141)											
76	2	129155-51751	COVER	1	1	1	1	1			
77	2	129155-51760	GASKET	1	1	1	1	1			
78	2	129155-51790	STOOPER, RACK	1	1	1	1	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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Remarks
(1) GOVERNOR(FIG.12) IS INCORPORATED
IN THIS FUEL INJECTION PUMP ASSY
(REF.NO.1,1A,1B).

Fig.11. FUEL INJECTION PUMP

Y0007291
3TNE82A- (E) YBC, D, E

11 F07ンシャポンプ
FUEL INJECTION PUMP



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

(A)=3TNE82A-YBC
(B)=3TNE82A-YBD
(C)=3TNE82A-EYBC
(D)=3TNE82A-EYBD
(E)=3TNE82A-EYBE
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
79	2	129156-51910	LABEL, CAUTION	1	1	1	1	1			
80	2	129155-51930	SPACER, T=3.25	1	1	1	1	1			
81	2	129155-51940	SPACER, T=1.5	1	1	1	1	1			
82	2	22217-060000	WASHER, SPRING 6	2	2	2	2	2			
83	2	22351-050010	PIN, SPRING 5.0X10	2	2	2	2	2			
84	2	24101-063034	BEARING, BALL 6303	1	1	1	1	1			
85	2	24341-000160	O-RING, 1AS16.0	1	1	1	1	1			
86	2	26022-050122	SCREW, M5X12	8	8	8	8	8			
87	2	26022-060162	SCREW, M6X16	4	4	4	4	4			
88	2	26116-050302	BOLT, M5X 30 PLATED	2	2	2	2	2			
89	2	26716-060002	NUT, M6	2	2	2	2	2			
90	2	22190-160002	WASHER, SEAL 16	1	1	1	1	1			
93	2	129100-52100	PUMP ASSY, FUEL FEED	1	1	1	1	1			
109	2	129155-52050	GASKET	1	1	1	1	1			
110	2	22217-050000	WASHER, SPRING 5	2	2	2	2	2			
111	2	129208-54500	FLANGE ASSY								
113	3	22217-120000	WASHER, SPRING 12								
114	3	26716-120002	NUT, M12								

OCD10-M72901

Fig.12. GOVERNOR

Y0007691
3TNE82A-1E1 YBC, D, E

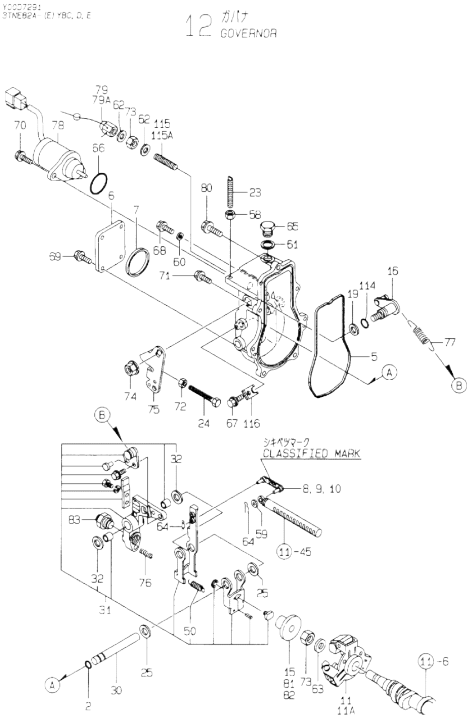
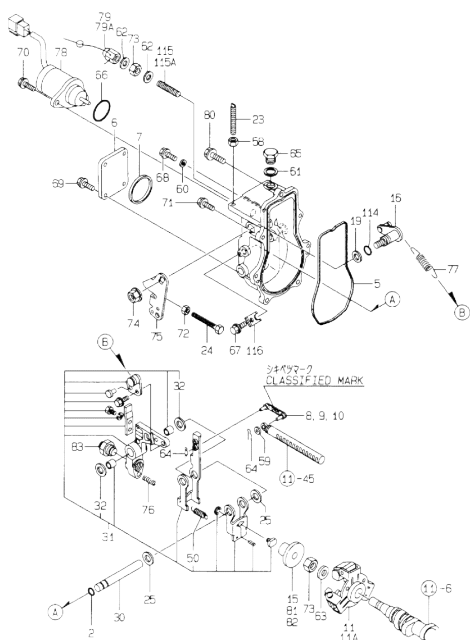


Fig.12. GOVERNOR

12 加バ
GOVERNOR



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

* THIS FIGURE(GOVERNOR ASSY) IS INCORPORATED IN THE FUEL INJECTION PUMP ASSY(FIG.11).

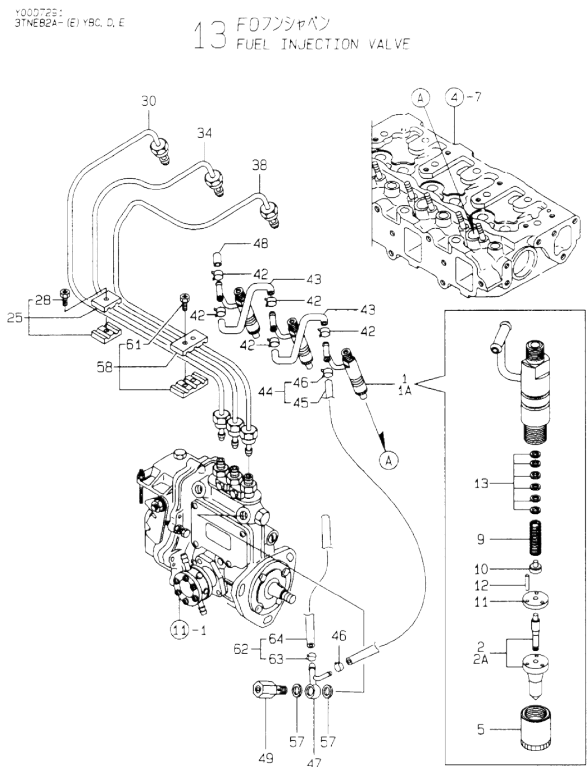
(D)=3TNE82A-EYBD
(E)=3TNE82A-EYBE
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
116	2	119660-61901	RETAINER, SHAFT	1	1	1	1	1			

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

OCD10-M72901

Fig.13. FUEL INJECTION VALVE

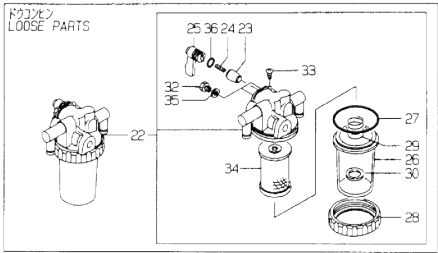
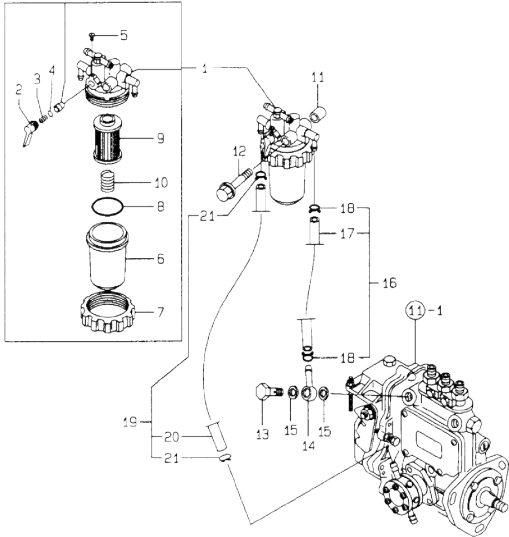


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	729500-53200	VALVE ASSY,INJECTION	3	3						
1-1	1	719810-53100	VALVE ASSY,INJECTION	3		3				N	
(A=E64509)											
1A	1	729609-53200	VALVE ASSY,INJECTION					3	3		
2	2	129500-53050	VALVE ASSY,INJECTION	3	3						
2-1	2	119810-53000	VALVE ASSY,INJECTION	3		3				N	
(A=E64509)											
2A	2	129609-53100	VALVE ASSY,INJECTION					3	3		
5	2	114250-53080	NUT, NOZZLE D16.95	3	3	3	3	3	3		
9	2	114250-53120	SPRING, NOZZLE	3	3	3	3	3	3		
10	2	114250-53130	SEAT, SPRING	3	3	3	3	3	3		
11	2	114250-53140	PLATE	3	3	3	3	3	3		
12	2	114250-53210	PIN	6	6	6	6	6	6		
13	2	114250-53400	SHIM SET	3	3	3	3	3	3		
25	1	119305-59120	RETAINER, PIPE	1	1	1	1	1	1		
28	2	129150-59131	BOLT, M4X14	1	1	1	1	1	1		
30	1	119910-59810	PIPE ASSY, INJECTION	1	1	1	1	1	1		
34	1	119910-59820	PIPE ASSY, INJECTION	1	1	1	1	1	1		
38	1	119910-59830	PIPE ASSY, INJECTION	1	1	1	1	1	1		
42	1	124066-59100	CLIP, HOSE 8	5	5	5	5	5	5		
43	1	121250-59550	PIPE, FUEL D8X120	2	2	2	2	2	2		
44	1	119840-59500	PIPE ASSY, RETURN	1	1	1	1	1	1		
45	2	119840-59560	PIPE, FUEL RETURN	1	1	1	1	1	1		
46	2	124066-59100	CLIP, HOSE 8	2	2	2	2	2	2		
47	1	119840-59570	JOINT	1	1	1	1	1	1		
48	1	129150-59580	CAP	1	1	1	1	1	1		
49	1	129100-59951	VALVE ASSY, CHECK	1	1	1	1	1	1		
57	1	22190-120002	WASHER, SEAL 12	2	2	2	2	2	2		
58	1	129150-59120	RETAINER, PIPE	1	1	1	1	1	1		
61	2	129150-59131	BOLT, M4X14	2	2	2	2	2	2		
62	1	129210-59130	PIPE ASSY, FUEL	1	1	1	1	1	1		
63	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2	2		
64	2	105025-59750	PIPE, FUEL	1	1	1	1	1	1		

Fig.14. FUEL LINE

YANMAR
3TNE82A-(E) YBC, D, E

14 F0117
FUEL LINE



(A)=3TNE82A-YBC
(B)=3TNE82A-YBD
(C)=3TNE82A-EYBC
(D)=3TNE82A-EYBD
(E)=3TNE82A-EYBE
(F)=

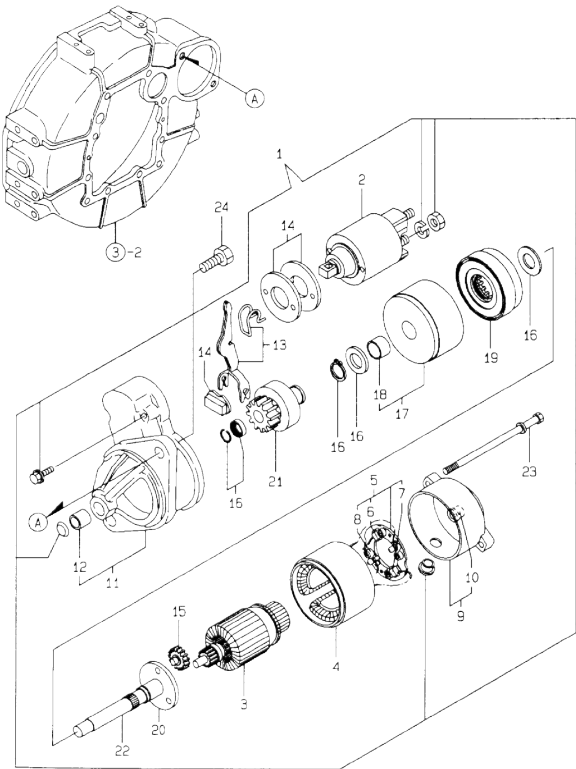
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55620	FILTER ASSY, FUEL	1	1	1	1	1	1		
2	2	119810-55340	LEVER	1	1	1	1	1	1		
3	2	104200-55330	SPRING, VALVE	1	1	1	1	1	1		
4	2	24311-240100	O-RING, 1AP10A	1	1	1	1	1	1		
5	2	104200-55750	SCREW, M4	1	1	1	1	1	1		
6	2	121254-55510	COVER	1	1	1	1	1	1		
7	2	110250-55610	RING, RETAINING	1	1	1	1	1	1		
8	2	102103-55520	O-RING	1	1	1	1	1	1		
9	2	119810-55650	ELEMENT	1	1	1	1	1	1		
10	2	121250-55620	SPRING	1	1	1	1	1	1		
11	1	129411-55690	SPACER	1	1	1	1	1	1		
12	1	26014-080852	BOLT, M8X 85	1	1	1	1	1	1		
13	1	103854-39140	BOLT, PIPE JOINT	1	1	1	1	1	1		
14	1	101304-59020	JOINT, PIPE 12	1	1	1	1	1	1		
15	1	22190-120002	WASHER, SEAL 12	2	2	2	2	2	2		
16	1	129210-59040	PIPE ASSY, FUEL	1	1	1	1	1	1		
17	2	129555-59510	PIPE, D13/7.5X180	1	1	1	1	1	1		
18	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2	2		
19	1	129210-59130	PIPE ASSY, FUEL	1	1	1	1	1	1		
20	2	105025-59750	PIPE, FUEL	1	1	1	1	1	1		
21	2	124766-59050	CLIP, HOSE 12	2	2	2	2	2	2		
22	1	129335-55700	SEPARATOR ASSY, WATER	1	1	1	1	1	1		
23	2	104200-55321	VALVE, TAPER	1	1	1	1	1	1		
24	2	104200-55330	SPRING, VALVE	1	1	1	1	1	1		
25	2	104200-55341	HANDLE	1	1	1	1	1	1		
26	2	124064-55510	COVER	1	1	1	1	1	1		
27	2	102103-55520	O-RING	1	1	1	1	1	1		
28	2	110250-55610	RING, RETAINING	1	1	1	1	1	1		
29	2	121257-55720	SPRING	1	1	1	1	1	1		
30	2	121257-55731	FLOAT	1	1	1	1	1	1		
32	2	101720-55750	PLUG, 6	2	2	2	2	2	2		
33	2	104200-55750	SCREW, M4	1	1	1	1	1	1		
34	2	171081-55910	SCREEN	1	1	1	1	1	1		
35	2	23418-060000	GASKET, 6X1.0	2	2	2	2	2	2		
36	2	24311-240100	O-RING, 1AP10A	1	1	1	1	1	1		

OCD10-M72901

Fig.15. STARTING MOTOR

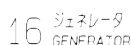
000000001
3TNE82A- (E) YBC, D, E

15 スターティングモータ
STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129698-77010	STARTER, 12V1.2KW	1	1	1	1	1	1		
2	2	129698-77020	MAGNETIC SWITCH ASSY	1	1	1	1	1	1		
3	2	129698-77100	ARMATURE ASSY	1	1	1	1	1	1		
4	2	129698-77110	COIL ASSY, FIELD	1	1	1	1	1	1		
5	2	129698-77120	HOLDER ASSY, BRUSH	1	1	1	1	1	1		
6	3	129698-77140	BRUSH(+) SET	1	1	1	1	1	1		
7	3	129698-77130	BRUSH (-)	2	2	2	2	2	2		
8	3	129698-77150	SPRING, BRUSH	4	4	4	4	4	4		
9	2	129698-77160	COVER ASSY, REAR	1	1						
9-1	2	129698-77161	COVER ASSY	1	1	1	1	1	1		R
(A)=EXXX (B)=EXXX											
10	3	129698-77170	BEARING	1	1	1	1	1	1		
11	2	129698-77260	HOUSING ASSY, GEARS	1	1	1	1	1	1		
12	3	X2114535200	METAL, STARTER	1	1	1	1	1	1		
13	2	129698-77270	LEVER SET, SHIFT	1	1	1	1	1	1		
14	2	129698-77280	COVER KIT	1	1	1	1	1	1		
15	2	129698-77240	GEAR	3	3	3	3	3	3		
16	2	129698-77250	WASHER SET	1	1	1	1	1	1		
17	2	129698-77180	BRACKET	1	1	1	1	1	1		
18	3	129698-77190	BRACKET	1	1	1	1	1	1		
19	2	129698-77200	GEAR, INTERNAL	1	1	1	1	1	1		
20	2	129698-77210	BRACKET	1	1	1	1	1	1		
21	2	129698-77220	PINION ASSY	1	1	1	1	1	1		
22	2	129698-77230	SHAFT(PINION)	1	1	1	1	1	1		
23	2	124195-77770	THROUGH BOLT	2	2	2	2	2	2		
24	1	26116-120252	BOLT, M12X 25 PLATED	2	2	2	2	2	2		

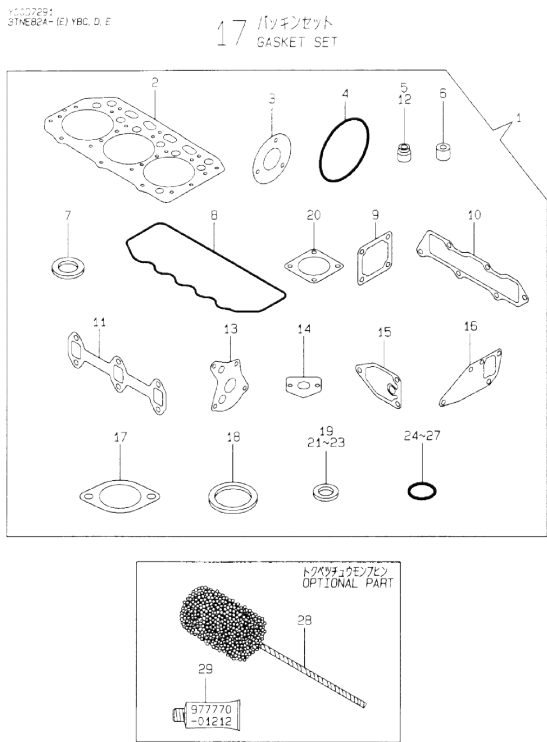
Fig.16. GENERATOR

[illegible]

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

OCD10-M72901

Fig.17. GASKET SET



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719812-92660	GASKET SET	1	1	1	1	1			1
2	2	119812-01330	GASKET, HEAD	1	1	1	1	1			
3	2	103954-13201	GASKET, SILENCER	1	1	1	1	1			
4	2	121850-51960	O-RING	1	1	1	1	1			
5	2	124160-11340	SEAL, VALVE STEM	3	3	3	3	3			
6	2	119625-11870	PROTECTOR, NOZZLE	3	3	3	3	3			
7	2	119625-11880	SEAT, NOZZLE	3	3	3	3	3			
8	2	119865-11310	GASKET, BONNET	1	1	1	1	1			
9	2	129150-77511	GASKET	1	1	1	1	1			
10	2	119813-12110	GASKET, MANIFOLD	1	1	1	1	1			
11	2	119810-13110	GASKET	1	1	1	1	1			
12	2	124950-11340	SEAL, VALVE STEM	3	3	3	3	3			
13	2	129150-32020	GASKET, PUMP	1	1	1	1	1			
14	2	129150-35041	GASKET	1	1	1	1	1			
15	2	129150-35111	GASKET	1	1	1	1	1			
16	2	129486-42050	GASKET, WATER PUMP	1	1	1	1	1			
17	2	129795-49551	GASKET	1	1	1	1	1			
18	2	129150-49811	GASKET, THERMOSTAT	1	1	1	1	1			
19	2	22190-080002	WASHER, SEAL 6	5	5	5	5	5			
20	2	124701-11911	GASKET, SILENCER	1	1	1	1	1			
21	2	124465-44950	GASKET, 16	2	2	2	2	2			
22	2	129150-49360	GASKET	1	1	1	1	1			
23	2	22190-120002	WASHER, SEAL 12	4	4	4	4	4			
24	2	24311-000120	O-RING, 1AP12.0	3	3	3	3	3			
25	2	24311-000160	O-RING, 1AP16.0	3	3	3	3	3			
26	2	24311-000320	O-RING, 1AP32.0	2	2	2	2	2			
27	2	24341-000240	O-RING, 1AS24.0	1	1	1	1	1			
28	1	129400-92420	FLEX HORN	1	1	1	1	1			1
29	1	977770-01212	GASKET, LIQUID	1	1	1	1	1			1

Remarks
(1) OPTIONAL PART.

N:Old $\frac{YBS}{10}$ New, Q:Old $\frac{RIS}{10}$ New, R:Old $\frac{YBS}{10}$ New, S:Old $\frac{RIS}{10}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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104200-55341	14	25
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114250-53130	13	10
114250-53140	13	11
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119305-59120	13	25
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119620-02020	1	7
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119625-11880	4	24
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119625-11900	4	25
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119810-42001	10	1
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119813-12100	5	2
119813-12110	5	1
	17	10
119813-21000	8	1
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119813-22300	8	23
119813-22500	8	19
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729609-53200	13	1 A
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X2114535200	15	12

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