

0CW10-M55200EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNM72-ASAP (AS/ASC/ASP/ASCP).

Pub.No. : 0CW10-G55200

Published : September, 2009

2. Model name

Engine model	Vehicle	Vehicle made by
3TNM72-ASAP (AS/ASC/ASP/ASCP)	-	-

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

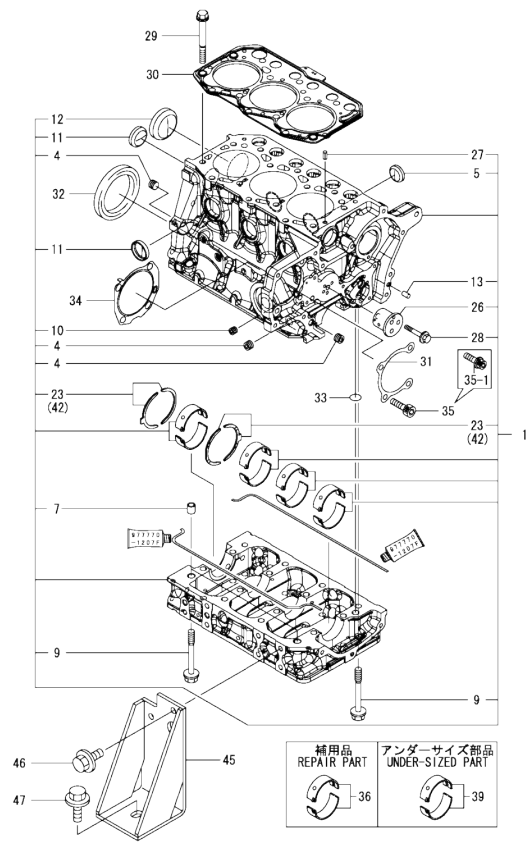
Contents

0CW10-M55200

Fig. No.	Fig. Name
3TNM72-AS, 3TNM72-ASC, 3TNM72-ASP, 3TNM72-ASCP	
1.	CYLINDER BLOCK
2.	GEAR HOUSING
3.	FLYWHEEL HOUSING & OIL SUMP
4.	CYLINDER HEAD & BONNET
5.	AIR CLEANER
6.	EXHAUST MANIFOLD & SILENCER
7.	CAMSHAFT & DRIVING GEAR
8.	CRANKSHAFT & PISTON
9.	LUB. OIL SYSTEM
10.	COOLING WATER SYSTEM
11.	RADIATOR
12.	FUEL INJECTION PUMP
13.	GOVERNOR
14.	FUEL INJECTION VALVE
15.	FUEL LINE
16.	ENGINE CONTROL DEVICE
17.	STARTING MOTOR
18.	GENERATOR
21.	(18A)GENERATOR
19.	ELECTRIC PARTS
20.	GASKET SET

Fig. No.	Fig. Name
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Fig.1. CYLINDER BLOCK



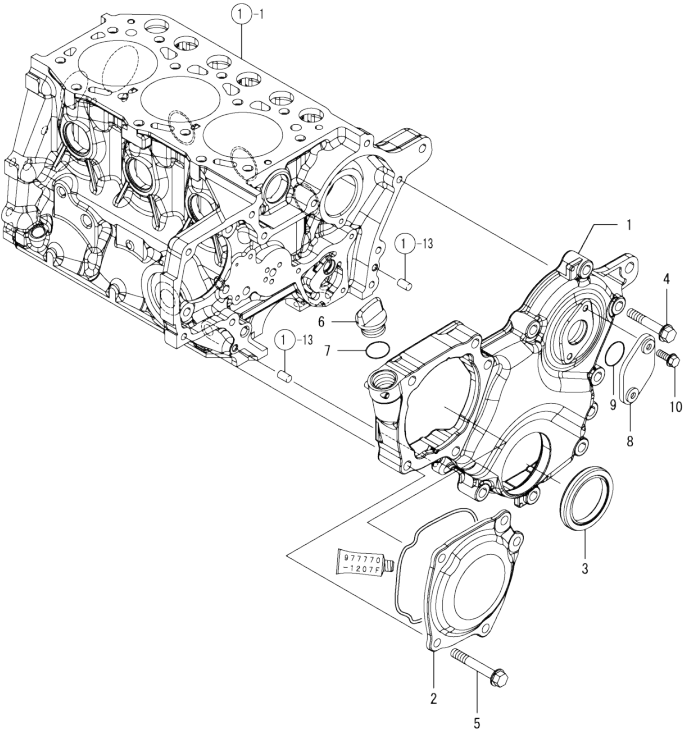
Remarks
(1)REPAIR PART.
(2)UNDER-SIZED(U.S=0.25)PART.
(3)OVER-SIZED(O.S=0.25)PART.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119027-01560	BLOCK ASSY, CYLINDER	1	1	1	1				
4	2	124060-01050	PLUG, PT1/8	3	3	3	3				
5	2	119125-01970	PLUG, 25	3	3	3	3				
7	2	119125-01960	PIPE, KNOCK	2	2	2	2				
9	2	119125-02061	BOLT, METAL CAP	16	16	16	16				
10	2	23876-005000	PLUG, R005	1	1	1	1				
11	2	27241-300000	PLUG 30	4	4	4	4				
12	2	27241-450000	PLUG, 45	1	1	1	1				
13	2	119620-01620	PIN, M6X10	2	2	2	2				
23	2	119125-02930	BEARING, THRUST	2	2	2	2				
26	2	119125-25050	SHAFT, IDLE GEAR	1	1	1	1				
27	2	22351-060012	PIN, SPRING 6.0X12	2	2	2	2				
28	2	26106-060402	BOLT, M6X 40 PLATED	3	3	3	3				
29	1	119515-01200	BOLT, HEAD	14	14	14	14				
30	1	119025-01331	GASKET, HEAD	1	1	1	1				
31	1	119125-01790	GASKET	1	1	1	1				
32	1	119734-02220	SEAL, OIL	1	1	1	1				
33	1	129900-32040	O-RING, P14	1	1	1	1				
34	1	119125-51800	GASKET	1	1	1	1				
35	1	26450-080252	BOLT, M8X 25	4	4	4	4				
35-1	1	119125-01800	BOLT	4	4	4	4				N
(A=EZZZZZ)				(B=EZZZZZ)				(C=EZZZZZ)			
36	1	119125-02900	BEARING, MAIN	4	4	4	4				1
39	1	119125-02910	BEARING, 0.25 US	4	4	4	4				2
42	1	119125-02940	BEARING, THRUST 0.25	2	2	2	2				3
45	1	119128-08111	FOOT	4	4	4	4				
46	1	26106-100202	BOLT, M10X 20 PLATED	8	8	8	8				
47	1	26106-100252	BOLT, M10X 25 PLATED	4	4	4	4				

Fig.2. GEAR HOUSING

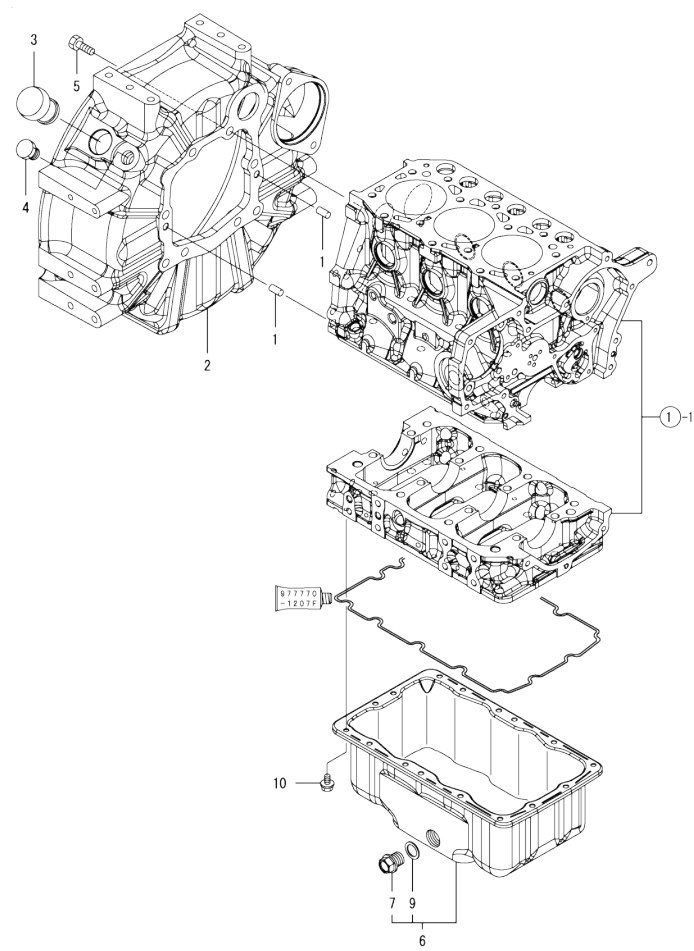


(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-01530	CASE, GEAR	1	1	1	1				
2	1	119125-01750	COVER	1	1	1	1				
3	1	119717-01800	SEAL, OIL	1	1	1	1				
4	1	26106-080352	BOLT, M8X 35 PLATED	8	8	8	8				
5	1	26106-080452	BOLT, M8X 45 PLATED	5	5	5	5				
6	1	106760-01770	CAP	1	1	1	1				
7	1	24311-000180	O-RING, 1AP18.0	1	1	1	1				
8	1	121023-01551	COVER	1	1	1	1				
9	1	24341-000240	O-RING, 1AS24.0	1	1	1	1				
10	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2				

Fig.3. FLYWHEEL HOUSING & OIL SUMP

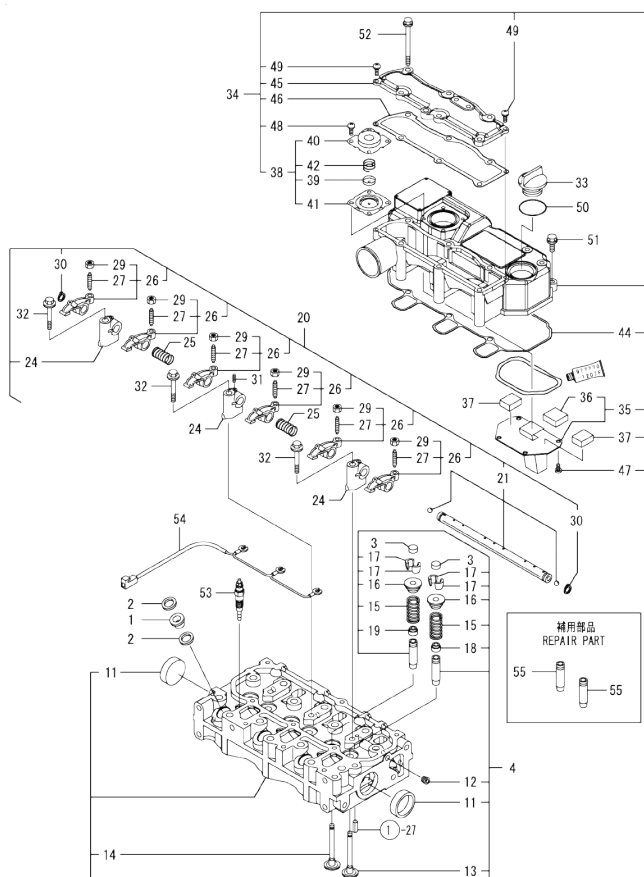


(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(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	2	2				
2	1	119128-01600	HOUSING, FLYWHEEL	1	1	1	1				
3	1	119620-01750	CAP	1	1	1	1				
4	1	129486-35210	PLUG, 3/4-16UNF	1	1	1	1				
5	1	26206-100252	BOLT, M10X 25 PLATED	8	8	8	8				
6	1	119025-01770	SUMP ASSY, OIL	1	1	1	1				
7	2	105425-01690	PLUG, 16	1	1	1	1				
9	2	22190-160002	WASHER, SEAL 16	1	1	1	1				
10	1	119125-01780	BOLT, M6X10	16	16	16	16				

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)REPAIR PART.

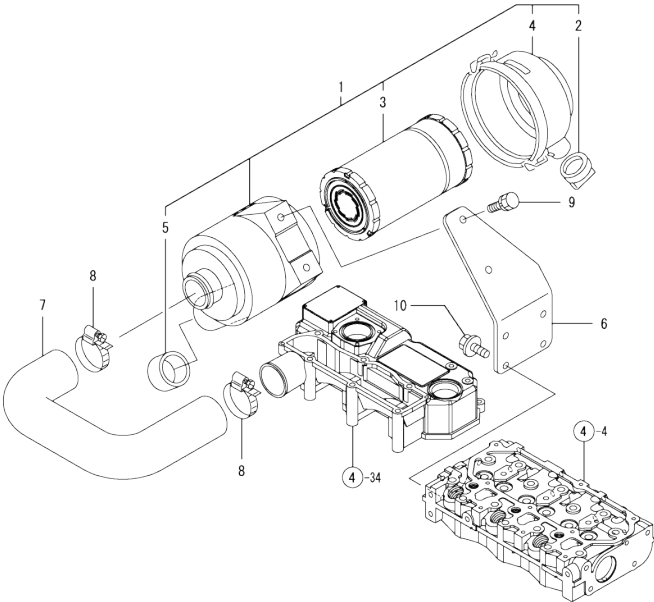
(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3	3	3	3				
2	1	119600-11460	GASKET, NOZZLE	6	6	6	6				
3	1	105010-11490	CAP, VALVE	6	6	6	6				
4	1	119517-11740	HEAD ASSY, CYLINDER	1	1	1	1				
11	2	119285-11990	PLUG, 35	2	2	2	2				
12	2	23876-005000	PLUG, R005	1	1	1	1				
13	2	119515-11101	VALVE, INTAKE	3	3	3	3				
14	2	119515-11110	VALVE, EXHAUST	3	3	3	3				
15	2	119717-11131	SPRING, VALVE	6	6	6	6				
16	2	129508-11180	RETAINER, SPRING	6	6	6	6				
17	2	119717-11190	COTTER	12	12	12	12				
18	2	119717-11340	SEAL, VALVE STEM	3	3	3	3				
19	2	119717-11350	SEAL, VALVE STEM	3	3	3	3				
20	1	119515-11200	SUPPORT ASSY, ARM	1	1	1	1				
21	2	119515-11240	SHAFT ASSY, ROCKER	1	1	1	1				
24	2	119717-11260	SUPPORT, ROCKER ARM	3	3	3	3				
25	2	119515-11280	SPRING	2	2	2	2				
26	2	119717-11650	ARM, ROCKER	6	6	6	6				
27	3	129150-11230	SCREW, VALVE ADJUST	6	6	6	6				
29	3	129150-11750	NUT, M8	6	6	6	6				
30	2	22242-000120	RING, 12	2	2	2	2				
31	2	26979-050162	SCREW, M5X16	1	1	1	1				
32	1	26106-080402	BOLT, M8X 40 PLATED	3	3	3	3				
33	1	124160-01751	COVER, FILLER	1	1	1	1				
34	1	119515-11380	BONNET ASSY, HEAD	1	1	1	1				
35	2	119717-03031	PLATE	1	1	1	1				
36	3	119717-03070	BAFFLE, BREATHER	1	1	1	1				
37	2	119717-03070	BAFFLE, BREATHER	2	2	2	2				
38	2	119802-03100	DIAPHRAGM ASSY	1	1	1	1				
39	3	119802-03110	PLATE	1	1	1	1				
40	3	119802-03121	COVER, DIAPHRAGM	1	1	1	1				
41	3	119802-03131	DIAPHRAGM	1	1	1	1				
42	3	119802-03141	SPRING, DIAPHRAGM	1	1	1	1				
44	2	119515-11310	GASKET, BONNET	1	1	1	1				
45	2	119515-11320	COVER, BONNET	1	1	1	1				
46	2	119515-11330	GASKET	1	1	1	1				
47	2	22857-500100	SCREW, 5X10	4	4	4	4				
48	2	22857-500100	SCREW, 5X10	4	4	4	4				
49	2	22857-500160	SCREW, 5X16	2	2	2	2				
50	1	24311-000320	O-RING, 1AP32.0	1	1	1	1				
51	1	26106-060202	BOLT, M6X 20 PLATED	3	3	3	3				
52	1	26106-060752	BOLT, M6X 75 PLATED	6	6	6	6				
53	1	119125-77800	PLUG, GLOW	3	3	3	3				
54	1	119125-77820	CONNECTOR, GLOW PLUG	1	1	1	1				
55	1	119515-11800	GUIDE, VALVE	6	6	6	6				

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

Fig.5. AIR CLEANER

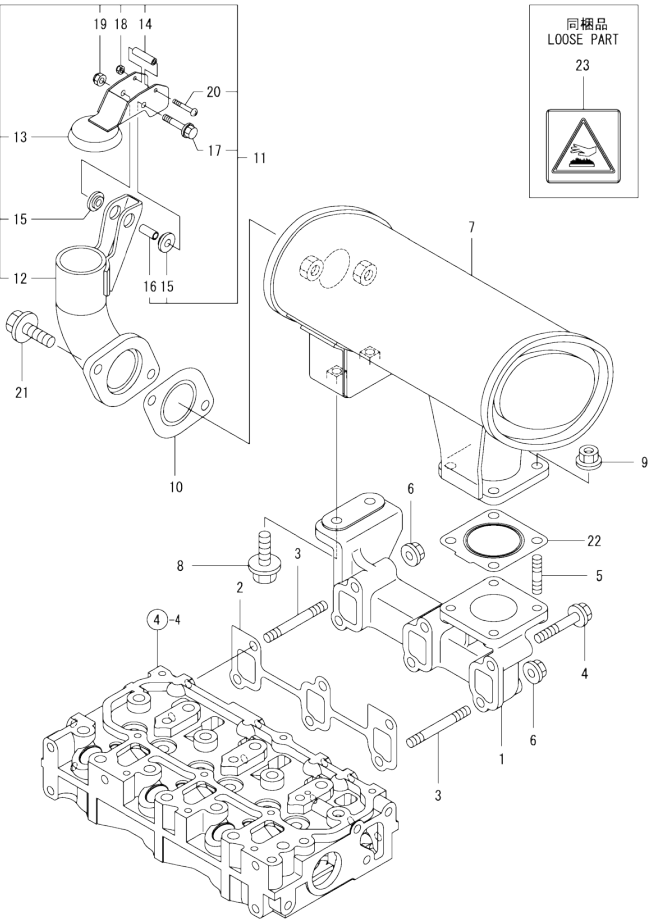


(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119028-12500	CLEANER ASSY, AIR	1	1	1	1				
2	2	119808-12540	VALVE, UNLOADER	1	1	1	1				
3	2	119655-12560	ELEMENT	1	1	1	1				
4	2	119686-12570	COVER ASSY	1	1	1	1				
5	2	105027-12580	RING	1	1	1	1				
6	1	119028-12560	BRACKET, AIR CLEANER	1	1	1	1				
7	1	119028-12600	PIPE, AIR INTAKE	1	1	1	1				
8	1	23000-054000	CLAMP, 54	2	2	2	2				
9	1	26013-080162	BOLT, M8X 16	2	2	2	2				
10	1	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4				

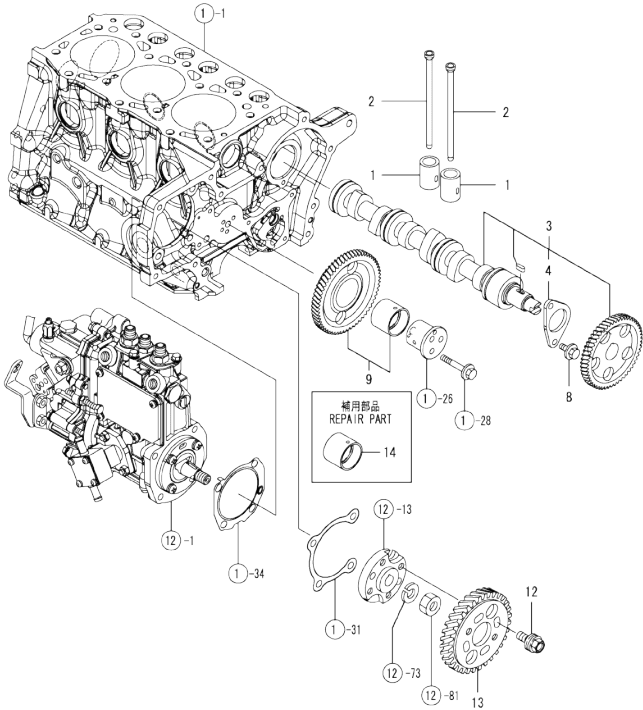
Fig.6. EXHAUST MANIFOLD & SILENCER



(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-13109	MANIFOLD, EXHAUST	1	1	1	1				
2	1	119717-13110	GASKET	1	1	1	1				
3	1	119717-13600	STUD, M8X50	2	2	2	2				
4	1	119802-13620	BOLT, M8X50	4	4	4	4				
5	1	119131-18320	STUD, M8X22	4	4	4	4				
6	1	26306-080002	NUT, M8	2	2	2	2				
7	1	119128-13500	SILENCER	1	1	1	1				
8	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2				
9	1	26306-080002	NUT, M8	4	4	4	4				
10	1	129107-13550	GASKET	1	1	1	1				
11	1	119128-13600	PIPE ASSY, TAIL	1	1	1	1				
12	2	119128-13550	PIPE, TAIL	1	1	1	1				
13	2	119358-13640	CAP, RAIN	1	1	1	1				
14	2	121855-13821	SPACER, A	1	1	1	1				
15	2	121855-13830	SPACER, B	2	2	2	2				
16	2	123500-13840	SPACER, C	1	1	1	1				
17	2	26106-060402	BOLT, M6X 40 PLATED	1	1	1	1				
18	2	26347-040002	NUT, M4	1	1	1	1				
19	2	26347-060002	NUT, M6	1	1	1	1				
20	2	26557-040352	SCREW, M4X35	1	1	1	1				
21	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2				
22	1	119515-13200	GASKET, SILENCER	1	1	1	1				
23	1	114220-07130	LABEL, HOT SURFACE	1	1	1	1				W
(A=EXXXXX) (B=EXXXXX) (C=EXXXXX) (D=EXXXXX)											

Fig.7. CAMSHAFT & DRIVING GEAR



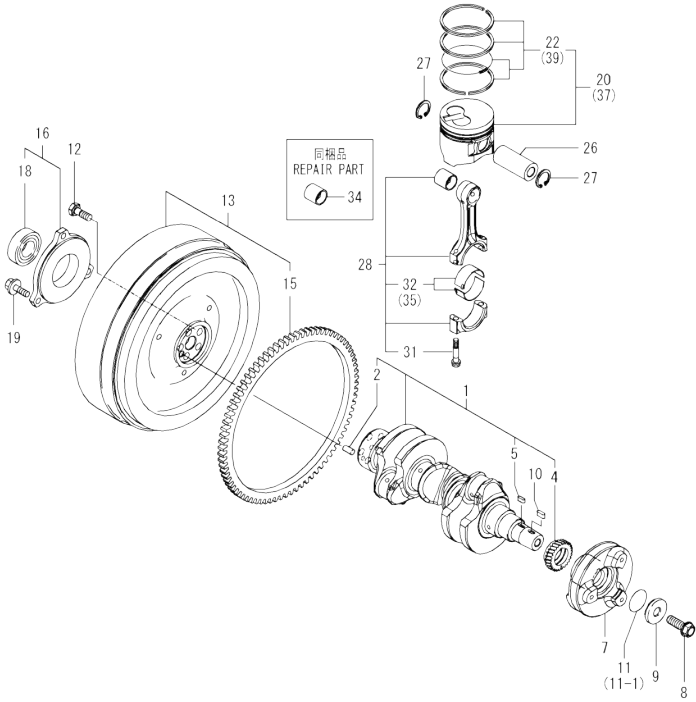
Remarks
(1)REPAIR PART.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6	6	6	6				
2	1	119515-14400	ROD, PUSH	6	6	6	6				
3	1	119025-14580	CAMSHAFT ASSY	1	1	1	1				
4	2	119620-02450	BEARING, THRUST	1	1	1	1				
8	1	26106-060122	BOLT, M6X 12 PLATED	2	2	2	2				
9	1	119025-25100	GEAR ASSY, IDLE	1	1	1	1				
12	1	129150-25301	BOLT	4	4	4	4				
13	1	119125-25930	GEAR, PUMP	1	1	1	1				
14	1	119125-25910	BUSH, IDLE GEAR	1	1	1	1				1

Fig.8. CRANKSHAFT & PISTON



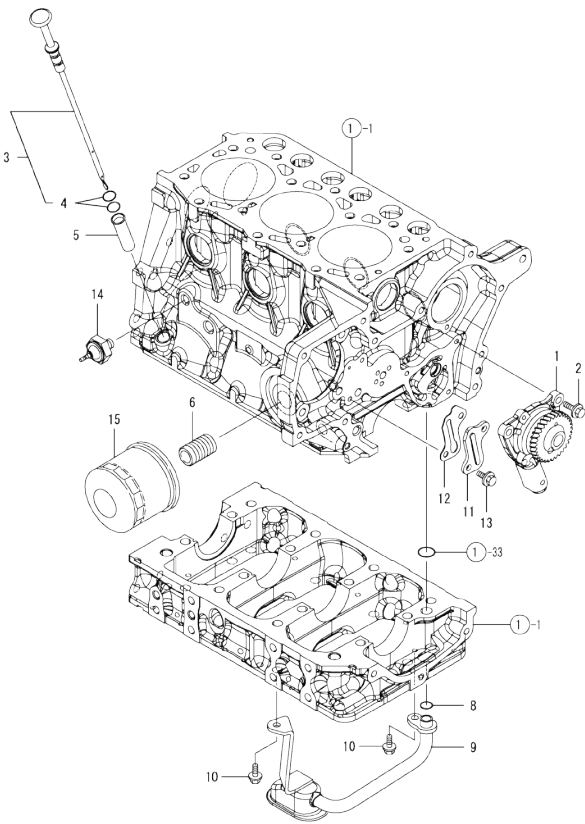
Remarks
(1)REPAIR PART.
(2)UNDER-SIZED(U.S=0.25)PART.
(3)OVER-SIZED(O.S=0.25)PART.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-21700	CRANKSHAFT ASSY	1	1	1	1				
2	2	129100-01580	PIN, M8X16	1	1	1	1				
4	2	119125-21200	GEAR, CRANKSHAFT	1	1	1	1				
5	2	22512-040120	KEY, 4X 12	1	1	1	1				
7	1	119125-21660	V-PULLEY	1	1	1	1				
8	1	119621-21681	BOLT, FLANGE 12X1.25	1	1	1	1				
9	1	119717-21940	WASHER, 12	1	1	1	1				
10	1	22512-050120	KEY, 5X 12	1	1	1	1				
11	1	24341-000340	O-RING, 1AS34.0	1							
11-1	1	119C10-21930	PACKING, WASHER	1	1	1	1				R
(A=E26369)											
12	1	121111-21501	BOLT, FLYWHEEL	5	5	5	5				
13	1	119128-21591	FLYWHEEL ASSY	1	1	1	1				
15	2	119865-21600	GEAR, RING	1	1	1	1				
16	1	119888-21450	RETAINER, BEARING	1	1	1	1				
18	2	24104-062054	BEARING, BALL 6205UU	1	1	1	1				
19	1	26106-080222	BOLT, M8X 22 PLATED	3	3	3	3				
20	1	119517-22090	PISTON ASSY	3	3	3	3				
22	2	119517-22500	RING SET, PISTON	3	3	3	3				
26	1	119515-22300	PIN, PISTON	3	3	3	3				
27	1	22252-000220	RING, 22	6	6	6	6				
28	1	119515-23000	ROD ASSY, CONNECTING	3	3	3	3				
31	2	119717-23200	BOLT, CONNECTING ROD	6	6	6	6				
32	2	119515-23601	BEARING, CRANK PIN	3	3	3	3				
34	1	119717-23910	BEARING, PISTON PIN	3	3	3	3				1
35	1	119515-23611	METAL ASSY, 0.25	3	3	3	3				2
37	1	119025-22900	PISTON ASSY	3	3	3	3				3
39	2	119609-22950	RING SET, 0.25 OS	3	3	3	3				3

Fig.9. LUB. OIL SYSTEM

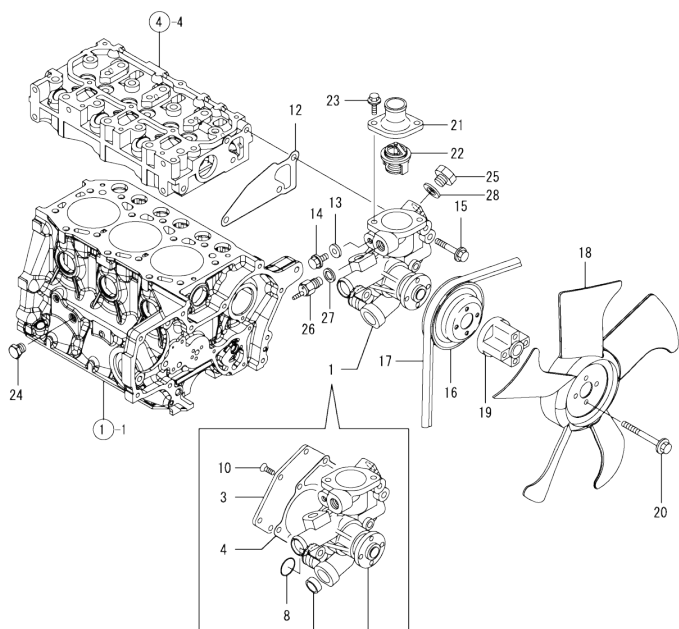


Remarks
(1)REPAIR PART.

(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-32000	PUMP ASSY, OIL	1	1	1	1				
2	1	26106-060142	BOLT, M6X 14 PLATED	3	3	3	3				
3	1	119025-34800	DIPSTICK, OIL	1	1	1	1				
4	2	119125-34900	O-RING	2	2	2	2				
5	1	119125-34810	GUIDE, DIPSTICK	1	1	1	1				
6	1	129100-35140	STUD	1	1	1	1				
8	1	119209-35030	O-RING, P11	1	1	1	1				
9	1	119025-35080	PIPE ASSY, OIL INLET	1	1	1	1				
10	1	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2				
11	1	119125-39200	COVER	1	1	1	1				
12	1	119125-39220	GASKET	1	1	1	1				
13	1	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2				
14	1	114250-39450	SWITCH, 0.5KG	1	1	1	1				
15	1	119305-35170	FILTER ASSY, D68XL65	1	1	1	1				1

Fig.10. COOLING WATER SYSTEM

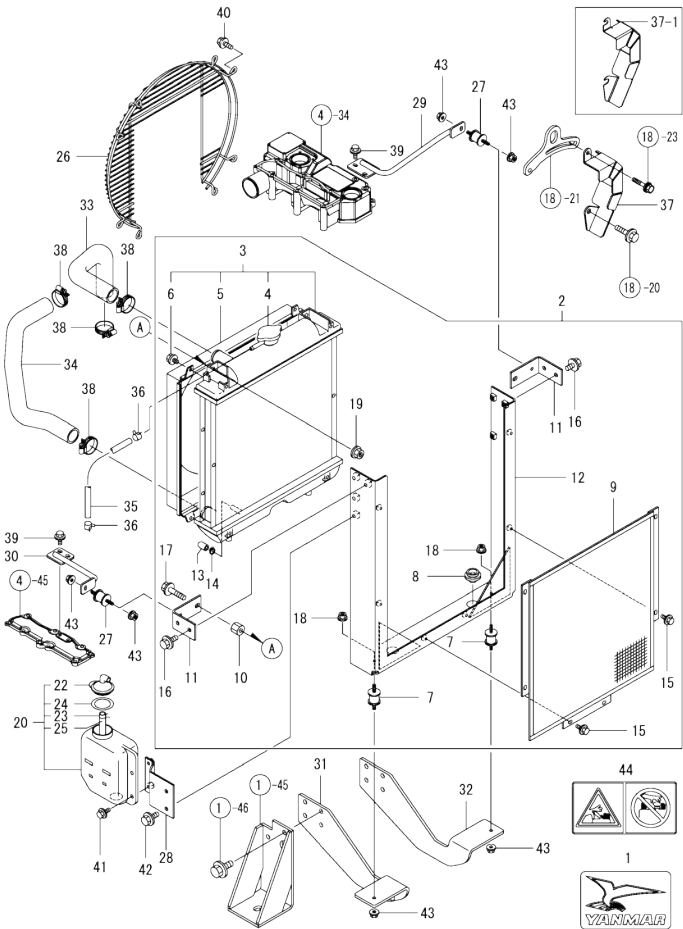


(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	119025-42000	PUMP ASSY, WATER	1	1	1	1		
3	2	119025-42020	COVER	1	1	1	1		
4	2	119025-42030	GASKET, WATER PUMP	1	1	1	1		
8	2	119685-42281	O-RING	1	1	1	1		
10	2	26577-060122	SCREW, M6X12	5	5	5	5		
12	1	119515-42020	GASKET, WATER PUMP	1	1	1	1		
13	1	23414-080000	GASKET, 8X1.0	1	1	1	1		
14	1	26106-080122	BOLT, M8X 12 PLATED	1	1	1	1		
15	1	26106-080452	BOLT, M8X 45 PLATED	3	3	3	3		
16	1	119717-42350	V-PULLEY, D=100	1	1	1	1		
17	1	171001-42290	V-BELT, A35.5	1	1	1	1		
18	1	119258-44740	FAN, COOLING D300	1	1	1	1		
19	1	119256-44760	SPACER, FAN	1	1	1	1		
20	1	26106-060602	BOLT, M6X 60 PLATED	4	4	4	4		
21	1	129350-49530	COVER, THERMOSTAT	1	1	1	1		
22	1	119717-49800	THERMOSTAT, 71	1	1	1	1		
23	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2		
24	1	171056-49120	PLUG, DRAIN	1	1	1	1		
25	1	121450-42450	PLUG, M16	1	1	1	1		
26	1	121250-44901	SWITCH, 110	1	1	1	1		
27	1	124465-44950	GASKET, 16	1	1	1	1		
28	1	124465-44950	GASKET, 16	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.11. RADIATOR

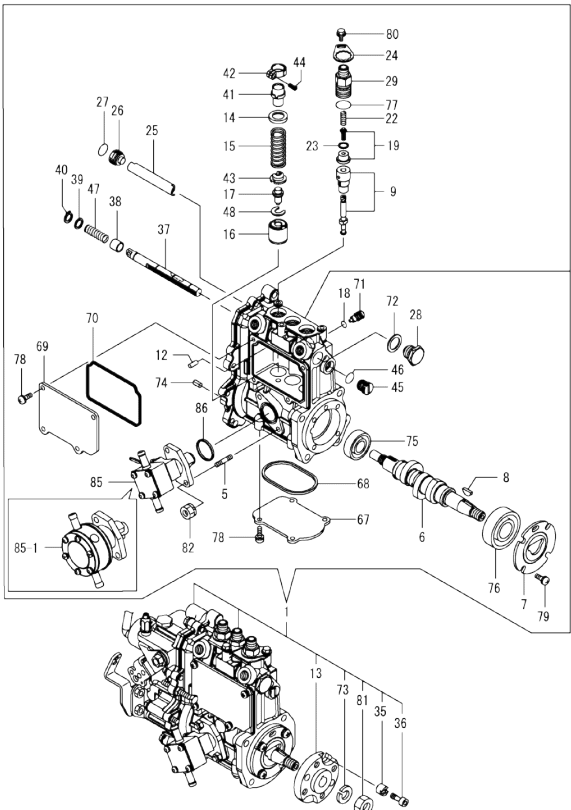


(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119128-07000	LABEL, YANMAR	1	1	1	1				
2	1	119028-44510	RADIATOR ASSY	1	1	1	1				
3	2	119515-44500	RADIATOR ASSY	1	1	1	1				
4	3	129107-44590	CAP, RADIATOR	1	1	1	1				
5	3	119515-44600	SHROUD	1	1	1	1				
6	3	26014-060122	BOLT, M6X 12	4	4	4	4				
7	2	119128-44640	ABSORBER	2	2	2	2				
8	2	119255-44660	ABSORBER	2	2	2	2				
9	2	119028-44800	SCREEN, RADIATOR	1	1	1	1				
10	2	119028-44890	SPACER	2	2	2	2				
11	2	119028-44930	STAY, MUFFLER C	2	2	2	2				
12	2	119028-44970	BRACKET, RADIATOR	1	1	1	1				
13	2	129461-59580	CAP, FUEL OIL	1	1	1	1				
14	2	23000-013000	CLAMP, 13	1	1	1	1				
15	2	26106-060102	BOLT, M6X 10 PLATED	6	6	6	6				
16	2	26106-080122	BOLT, M8X 12 PLATED	4	4	4	4				
17	2	26106-080352	BOLT, M8X 35 PLATED	2	2	2	2				
18	2	26366-060002	NUT, M6	2	2	2	2				
19	2	26366-080002	NUT, M8	2	2	2	2				
20	1	121468-44520	TANK ASSY, SUB	1	1	1	1				
22	2	121450-44531	CAP	1	1	1	1				
23	2	124450-44560	RETAINER	1	1	1	1				
24	2	121470-44581	GASKET	1	1	1	1				
25	2	23065-070130	PIPE, 7X 130	1	1	1	1				
26	1	119802-44570	GUARD	1	1	1	1				
27	1	119128-44640	ABSORBER	2	2	2	2				
28	1	119128-44901	BRACKET, SUB TANK	1	1	1	1				
29	1	119028-44910	STAY, MUFFLER A	1	1	1	1				
30	1	119028-44920	STAY, MUFFLER B	1	1	1	1				
31	1	119028-44950	BRACKET, RADIATOR	1	1	1	1				
32	1	119028-44960	BRACKET, RADIATOR	1	1	1	1				
33	1	119802-49010	PIPE, WATER	1	1	1	1				
34	1	119802-49020	PIPE, WATER	1	1	1	1				
35	1	124579-49160	PIPE, WATER DRAIN	1	1	1	1				
36	1	124766-59050	CLIP, HOSE 12	2	2	2	2				
37	1	119128-77401	COVER	1	1	1	1				
37-1	1	119128-77402	COVER	1	1	1	1				S
(A)=EXXXXX (B)=EXXXXX (C)=EXXXXX (D)=EXXXXX											
38	1	23000-035000	CLAMP, 35	4	4	4	4				
39	1	26106-060122	BOLT, M6X 12 PLATED	4	4	4	4				
40	1	26106-060162	BOLT, M6X 16 PLATED	8	8	8	8				
41	1	26106-060162	BOLT, M6X 16 PLATED	2	2	2	2				
42	1	26106-080122	BOLT, M8X 12 PLATED	2	2	2	2				
43	1	26366-060002	NUT, M6	6	6	6	6				
44	1	129946-07000	LABEL, NO OPEN	1	1	1	1				W
(A)=EXXXXX (B)=EXXXXX (C)=EXXXXX (D)=EXXXXX											

Fig.12. FUEL INJECTION PUMP



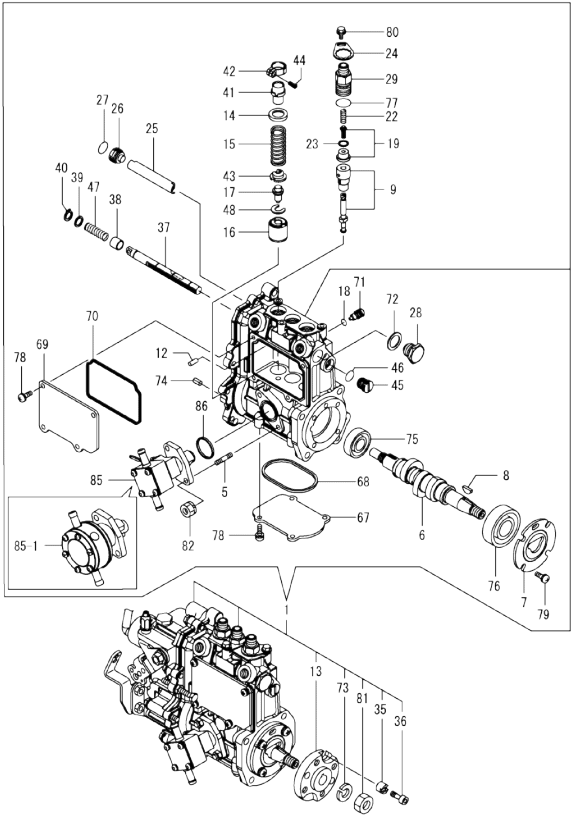
Remarks
(1)GOVERNOR(FIG.13)IS INCORPORATED IN THIS FUEL INJECTION PUMP (REF.1).

(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719025-51310	PUMP ASSY, INJECTION	1	1	1	1				1
5	2	129155-51020	BOLT, STUD	2	2	2	2				
6	2	119125-51030	CAMSHAFT	1	1	1	1				
7	2	119125-51060	RETAINER, BEARING	1	1	1	1				
8	2	122710-51090	FEATHER KEY,WOODRUFF	1	1	1	1				
9	2	119125-51100	PLUNGER ASSY	3	3	3	3				
12	2	129155-51140	PIN	3	3	3	3				
13	2	1191717-51150	FLANGE	1	1	1	1				
14	2	158600-51170	RETAINER, SPRING	3	3	3	3				
15	2	1191717-51190	SPRING, PLUNGER	3	3	3	3				
16	2	119125-51241	TAPPET	3	3	3	3				
17	2	119125-51250	GUIDE, TAPPET	3	3	3	3				
18	2	129155-51280	O-RING, S6	1	1	1	1				
19	2	119125-51300	VALVE ASSY, DELIVERY	3	3	3	3				
22	2	128990-51330	SPRING, DELIVERY	3	3	3	3				
23	2	124550-51350	GASKET, DELIVERY	3	3	3	3				
24	2	118400-51370	PLATE, LOCKING	3	3	3	3				
25	2	129155-51400	DEFLECTOR	1	1	1	1				
26	2	158600-51410	PLUG, DEFLECTOR	1	1	1	1				
27	2	1191717-51420	O-RING	1	1	1	1				
28	2	158600-51420	PLUG, DEFLECTOR	1	1	1	1				
29	2	158600-51442	VALVE ASSY, DELIVERY	3	3	3	3				
35	2	119125-51480	COLLAR	1	1	1	1				
36	2	119125-51490	BOLT, FCI	1	1	1	1				
37	2	1191717-51500	RACK, CONTROL	1	1	1	1				
38	2	129155-51521	BUSH, RACK	1	1	1	1				
39	2	129155-51530	SPACER	1	1	1	1				
40	2	129155-51540	CIRCLIP	1	1	1	1				
41	2	129155-51550	PINION, CONTROL	3	3	3	3				
42	2	129100-51560	PINION	3	3	3	3				
43	2	1191717-51570	RETAINER, SPRING	3	3	3	3				
44	2	129100-51570	SCREW, PINION	3	3	3	3				
45	2	158600-51570	PLUG, RACK	1	1	1	1				
46	2	129155-51580	O-RING	1	1	1	1				
47	2	129155-51591	SPRING, RACK	1	1	1	1				
48	2	129155-51600	SHIM SET, ADJUSTING	3	3	3	3				
67	2	119125-51700	COVER, PUMP	1	1	1	1				
68	2	1191717-51711	GASKET	1	1	1	1				
69	2	1191717-51750	COVER	1	1	1	1				
70	2	1191717-51761	GASKET	1	1	1	1				
71	2	158600-51790	STOPPER, RACK	1	1	1	1				
72	2	22190-160002	WASHER, SEAL 16	1	1	1	1				
73	2	22217-120000	WASHER, SPRING 12	1	1	1	1				
74	2	22351-050010	PIN, SPRING 5.0X10	2	2	2	2				
75	2	24101-060034	BEARING, BALL 6003	1	1	1	1				
76	2	24101-063034	BEARING, BALL 6303	1	1	1	1				
77	2	24316-000150	O-RING, 4DP15.0	3	3	3	3				
78	2	26022-050122	SCREW, M5X12	8	8	8	8				
79	2	26022-060162	SCREW, M6X16	4	4	4	4				
80	2	26106-050102	BOLT, M5X 10 PLATED	3	3	3	3				
81	2	26716-120002	NUT, M12	1	1	1	1				

N:Old $\frac{NBS}{100}$ New, Q:Old $\frac{QBS}{100}$ New, R:Old $\frac{RBS}{100}$ New, S:Old $\frac{SBS}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Fig.12. FUEL INJECTION PUMP

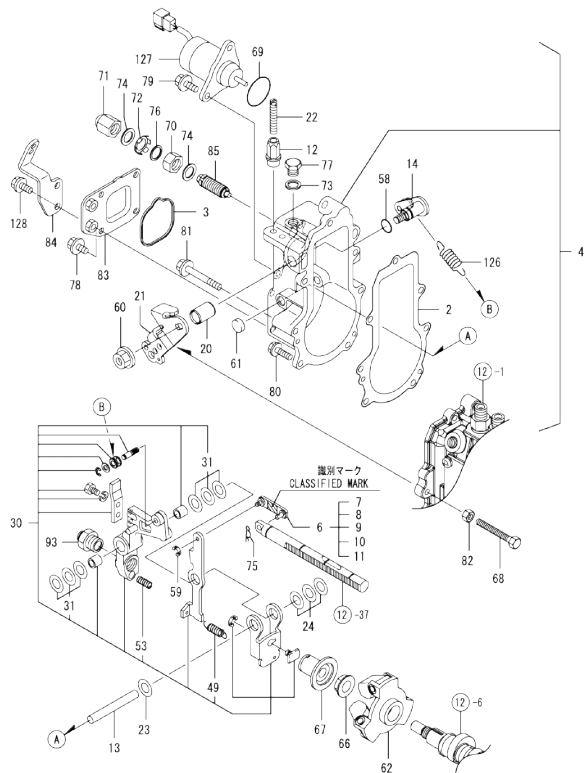


Remarks
(1)GOVERNOR(FIG.13)IS INCORPORATED IN THIS FUEL INJECTION PUMP (REF.1).

(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
82	2	119717-51860	NUT, M6	2	2	2	2				
85	2	119125-52000	PUMP ASSY, FUEL FEED	1	1	1	1				
85-1	2	129100-52101	PUMP ASSY, FUEL FEED	1	1	1	1				R
		(A="2020.06)	(B="2020.06)	(C="2020.06)	(D="2020.06)						
86	2	129155-52051	GASKET	1	1	1	1				

Fig.13. GOVERNOR

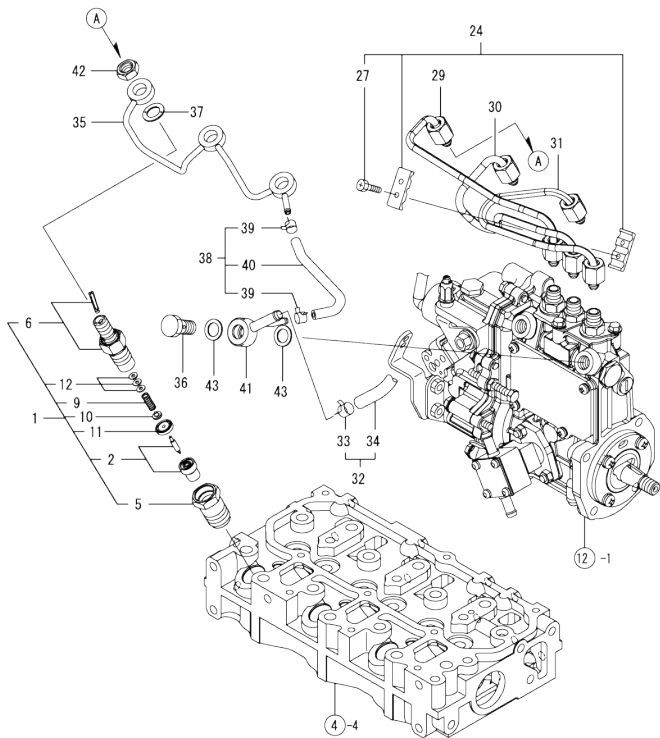


Remarks
*THIS FIGURE(GOVERNOR)IS INCORPORATED
IN THE FUEL INJECTION PUMP (FIG.12).
(1)SELECTIVE PARTS:CERTAIN THE
CLASSIFICATION MARK,THEN PLACE
YOUR ORDER (REF.TO ILLUSTRATION).

0CW10-M55200 Fig.13
(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP
(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-61050	GASKET	1	1	1	1				
3	2	119717-61070	GASKET	1	1	1	1				
4	2	119125-61100	CASE ASSY, GOVERNOR	1	1	1	1				
6	3	119125-61110	LINK ASSY	1	1	1	1				
7	4	119125-61120	LINK, MARK 93	1	1	1	1				1
8	4	119125-61130	LINK, MARK 98	1	1	1	1				1
9	4	119125-61140	LINK, MARK 88	1	1	1	1				1
10	4	119125-61150	LINK, MARK 00	1	1	1	1				1
11	4	119125-61160	LINK, MARK 03	1	1	1	1				1
12	3	129209-61370	NUT, M6	1	1	1	1				
13	3	119125-61390	SHAFT	1	1	1	1				
14	3	119125-61401	SHAFT ASSY	1	1	1	1				
20	3	119125-61430	BUSH	1	1	1	1				
21	3	119515-61440	LEVER, CONTROL	1	1	1	1				
22	3	129155-61450	BOLT, LIMITER	1	1	1	1				
23	3	129156-61460	SHIM, T=0.6	1	1	1	1				
24	3	129155-61480	SPACER ASSY	1	1	1	1				
30	3	119125-61501	LEVER ASSY, GOVERNOR	1	1	1	1				
31	4	174307-51700	SHIM SET	2	2	2	2				
49	4	129486-61540	SPRING, SET	1	1	1	1				
53	4	129100-61650	SPRING, CONTROLLER	1	1	1	1				
58	3	129155-61830	O-RING, S10	1	1	1	1				
59	3	22272-000030	RING, E- 3	1	1	1	1				
60	3	26366-080002	NUT, M8	1	1	1	1				
61	3	27260-120000	PLUG, 12	1	1	1	1				
62	2	119125-61201	WEIGHT ASSY,GOVERNOR	1	1	1	1				
66	2	129008-61301	NUT	1	1	1	1				
67	2	129155-61341	SLEEVE	1	1	1	1				
68	2	129155-61460	BOLT, IDLE	1	1	1	1				
69	2	158552-61900	O-RING	1	1	1	1				
70	2	129209-61920	NUT, ARB	1	1	1	1				
71	2	129209-61930	NUT, CAP	1	1	1	1				
72	2	129209-61970	PLATE	1	1	1	1				
73	2	22190-100002	WASHER, SEAL 10	1	1	1	1				
74	2	22190-120002	WASHER, SEAL 12	2	2	2	2				
75	2	22372-040000	PIN, SNAP 4	1	1	1	1				
76	2	23414-120016	GASKET, 12X1.0	1	1	1	1				
77	2	23887-100002	PLUG, 10	1	1	1	1				
78	2	26106-060102	BOLT, M6X 10 PLATED	4	4	4	4				
79	2	26106-060142	BOLT, M6X 14 PLATED	2	2	2	2				
80	2	26106-060202	BOLT, M6X 20 PLATED	4	4	4	4				
81	2	26106-060452	BOLT, M6X 45 PLATED	3	3	3	3				
82	2	26756-060002	NUT, LOCK M6	1	1	1	1				
83	2	119761-61060	COVER, GOVERNOR CASE	1	1	1	1				
84	2	119761-61080	SUPPORT, WIRE	1	1	1	1				
85	2	119125-61450	LIMITER ASSY, FUEL	1	1	1	1				
93	2	119515-61560	ANGLEICH ASSY	1	1	1	1				
126	2	119415-61700	SPRING, GOVERNOR	1	1	1	1				
127	2	119653-77950	SOLENOID, STOP	1	1	1	1				
128	2	26106-060102	BOLT, M6X 10 PLATED	2	2	2	2				

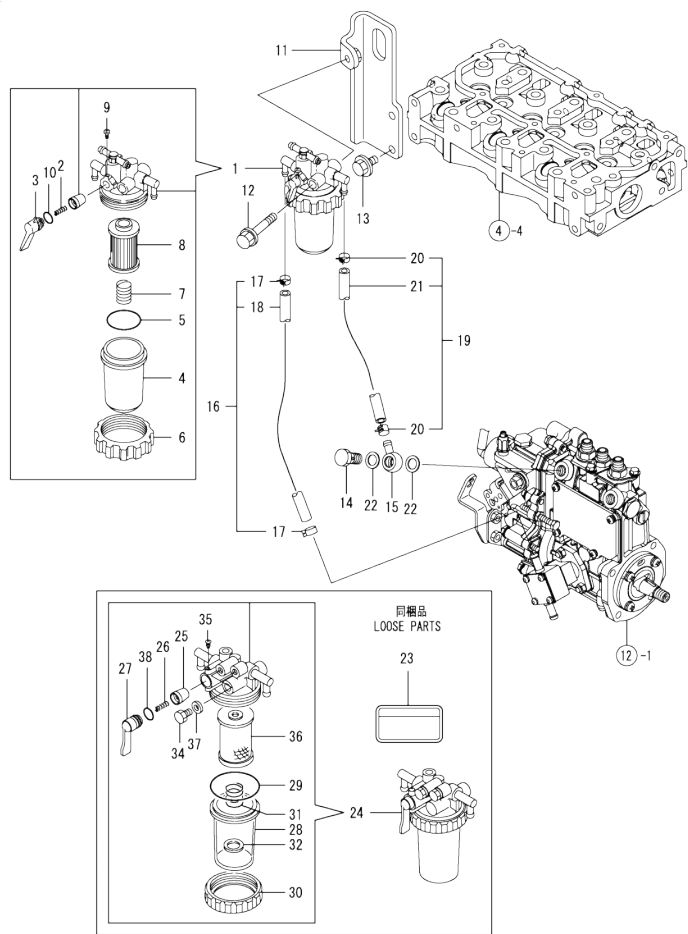
Fig.14. FUEL INJECTION VALVE



(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

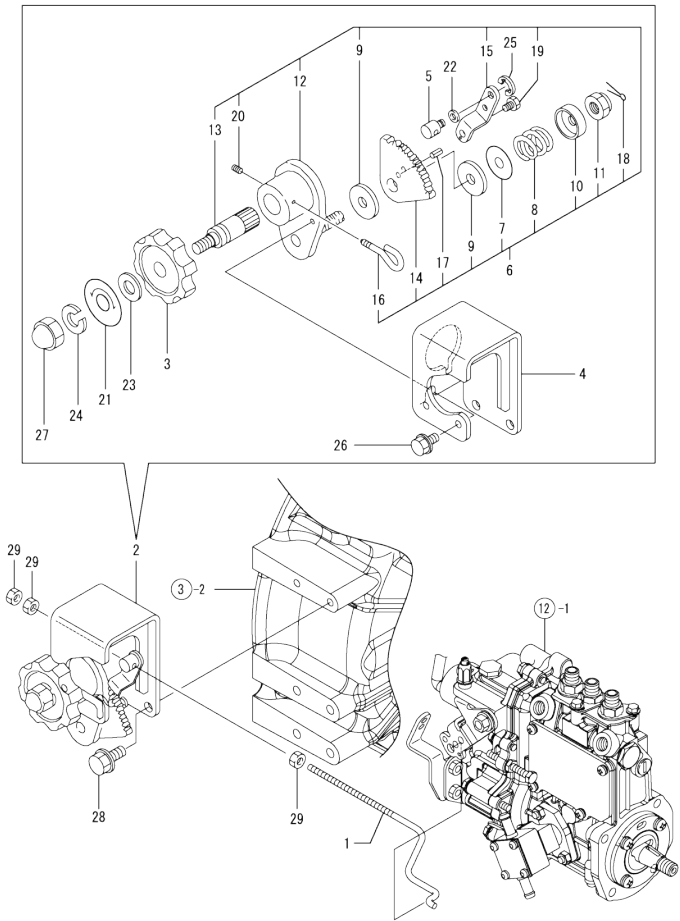
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719125-53100	VALVE ASSY,INJECTION	3	3	3	3				
2	2	119125-53001	VALVE ASSY,INJECTION	3	3	3	3				
5	2	119125-53080	NUT, NOZZLE	3	3	3	3				
6	2	119125-53100	HOLDER ASSY, NOZZLE	3	3	3	3				
9	2	119125-53120	SPRING, NOZZLE	3	3	3	3				
10	2	119125-53130	SEAT, SPRING	3	3	3	3				
11	2	119125-53140	SPACER, VALVE STOP	3	3	3	3				
12	2	114250-53400	SHIM SET	3	3	3	3				
24	1	129150-59120	RETAINER, PIPE	1	1	1	1				
27	2	129150-59131	BOLT, M4X14	2	2	2	2				
29	1	119025-59810	PIPE, FUEL INJECTION	1	1	1	1				
30	1	119025-59820	PIPE, FUEL INJECTION	1	1	1	1				
31	1	119025-59830	PIPE, FUEL INJECTION	1	1	1	1				
32	1	129210-59140	PIPE ASSY, FUEL	1	1	1	1				
33	2	124766-59050	CLIP, HOSE 12	2	2	2	2				
34	2	105230-59510	PIPE, FUEL	1	1	1	1				
35	1	119515-59540	PIPE ASSY, RETURN	1	1	1	1				
36	1	119125-59560	BOLT, PIPE JOINT	1	1	1	1				
37	1	129901-59560	GASKET	3	3	3	3				
38	1	119125-59570	PIPE ASSY, RETURN	1	1	1	1				
39	2	124066-59100	CLIP, HOSE 8	2	2	2	2				
40	2	119000-59550	PIPE, FUEL RETURN	1	1	1	1				
41	1	119840-59570	JOINT	1	1	1	1				
42	1	119620-59700	NUT, NOZZLE	3	3	3	3				
43	1	22190-120002	WASHER, SEAL 12	2	2	2	2				

Fig.15. FUEL LINE



										0CW10-M55200 Fig.15	
										(A)=3TNM72-AS (B)=3TNM72-ASC (C)=3TNM72-ASP	
										(D)=3TNM72-ASCP (E)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	119833-55620	FILTER ASSY, FUEL	1	1	1	1				
2	2	104200-55330	SPRING, VALVE	1	1	1	1				
3	2	119810-55340	LEVER	1	1	1	1				
4	2	121254-55510	COVER	1	1	1	1				
5	2	102103-55520	O-RING	1	1	1	1				
6	2	110250-55610	RING, RETAINING	1	1	1	1				
7	2	121250-55620	SPRING	1	1	1	1				
8	2	119810-55650	ELEMENT	1	1	1	1				
9	2	104200-55750	SCREW, M4	1	1	1	1				
10	2	24311-240100	O-RING, 1AP10A	1	1	1	1				
11	1	119028-55650	BRACKET, FILTER	1	1	1	1				
12	1	26014-080702	BOLT, M8X 70	1	1	1	1				
13	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2				
14	1	103854-39140	BOLT, PIPE JOINT	1	1	1	1				
15	1	101304-59020	JOINT, PIPE 12	1	1	1	1				
16	1	129210-59140	PIPE ASSY, FUEL	1	1	1	1				
17	2	124766-59050	CLIP, HOSE 12	2	2	2	2				
18	2	105230-59510	PIPE, FUEL	1	1	1	1				
19	1	129210-59230	PIPE ASSY, FUEL	1	1	1	1				
20	2	124766-59050	CLIP, HOSE 12	2	2	2	2				
21	2	129555-59511	PIPE, FUEL	1	1	1	1				
22	1	22190-120002	WASHER, SEAL 12	2	2	2	2				
23	1	114110-07760	LABEL, FUEL CAUTION	1	1	1	1				
24	1	129335-55700	SEPARATOR ASSY, WATER	1	1	1	1				
25	2	104200-55321	VALVE, TAPER	1	1	1	1				
26	2	104200-55330	SPRING, VALVE	1	1	1	1				
27	2	104200-55341	HANDLE	1	1	1	1				
28	2	124064-55510	COVER	1	1	1	1				
29	2	102103-55520	O-RING	1	1	1	1				
30	2	110250-55610	RING, RETAINING	1	1	1	1				
31	2	121257-55720	SPRING	1	1	1	1				
32	2	121257-55731	FLOAT	1	1	1	1				
34	2	101720-55750	PLUG, 6	2	2	2	2				
35	2	104200-55750	SCREW, M4	1	1	1	1				
36	2	171081-55910	SCREEN	1	1	1	1				
37	2	23418-060000	GASKET, 6X1.0	2	2	2	2				
38	2	24311-240100	O-RING, 1AP10A	1	1	1	1				

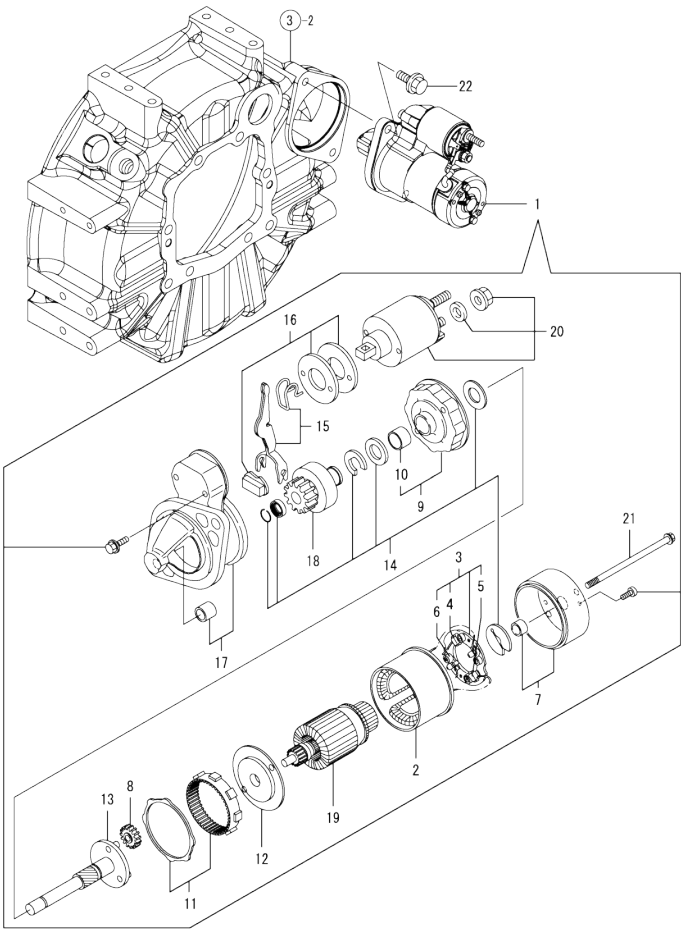
Fig.16. ENGINE CONTROL DEVICE



(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-66120	LINK,SPEED CONTROL	1	1						
2	1	119888-66161	CONTROLLER ASSY	1	1						
3	2	126650-66020	HANDLE, REGULATOR	1	1						
4	2	119888-66111	BRACKET	1	1						
5	2	119888-66130	PIVOT	1	1						
6	2	171048-67010	CONTROLLER ASSY	1	1						
7	3	171102-66080	WASHER	1	1						
8	3	104200-66820	SPRING	1	1						
9	3	104200-66831	PLATE, FRICTION	2	2						
10	3	104200-66850	WASHER	1	1						
11	3	104200-66860	NUT	1	1						
12	3	171085-67100	BRACKET	1	1						
13	3	171085-67110	SHAFT, DRIVE	1	1						
14	3	171085-67120	GEAR	1	1						
15	3	171048-67130	LEVER	1	1						
16	3	171048-67140	STOPPER	1	1						
17	3	22351-020006	PIN, SPRING 2.0X 6	1	1						
18	3	22411-200150	COTTER PIN	1	1						
19	3	26116-060082	BOLT, M6X 8 PLATED	1	1						
20	3	26921-050122	SCREW, M5X12	1	1						
21	2	170064-67210	LABEL, HANDLE	1	1						
22	2	22117-060000	WASHER, 6	1	1						
23	2	22137-100000	WASHER, 10	1	1						
24	2	22217-100000	WASHER, SPRING 10	1	1						
25	2	22272-000050	RING, E- 5	1	1						
26	2	26106-060102	BOLT, M6X 10 PLATED	2	2						
27	2	26657-100002	NUT, CAP M10	1	1						
28	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
29	1	26756-050002	NUT, LOCK M5	3	3						

Fig.17. STARTING MOTOR

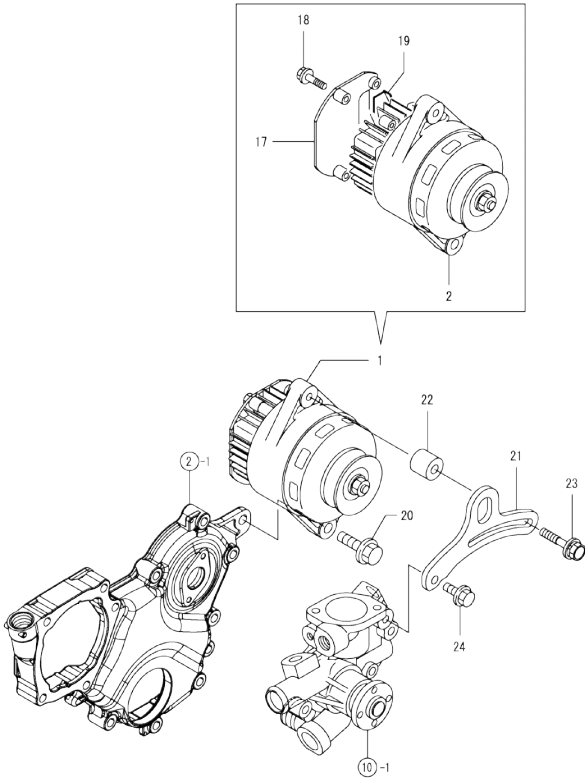


(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119125-77010	STARTER ASSY, 1.2KW	1	1	1	1				
2	2	129698-77110	YOKE ASSY	1	1	1	1				
3	2	129698-77120	HOLDER ASSY, BRUSH	1	1	1	1				
4	3	129698-77130	BRUSH	2	2	2	2				
5	3	129698-77140	BRUSH SET	1	1	1	1				
6	3	129698-77150	SPRING, BRUSH	4	4	4	4				
7	2	129698-77161	COVER ASSY	1	1	1	1				
8	2	119125-77170	GEAR	3	3	3	3				
9	2	129698-77180	BRACKET	1	1	1	1				
10	3	129698-77190	BRACKET	1	1	1	1				
11	2	119125-77200	GEAR, INTERNAL	1	1	1	1				
12	2	119125-77210	BRACKET	1	1	1	1				
13	2	119125-77230	SHAFT, PINION	1	1	1	1				
14	2	129698-77250	WASHER SET	1	1	1	1				
15	2	119125-77270	LEVER SET, SHIFT	1	1	1	1				
16	2	119125-77280	COVER ASSY	1	1	1	1				
17	2	119125-77520	CASE ASSY, GEAR	1	1	1	1				
18	2	119125-77660	PINION ASSY	1	1	1	1				
19	2	119125-77710	ARMATURE ASSY	1	1	1	1				
20	2	119125-77760	SWITCH ASSY	1	1	1	1				
21	2	124195-77770	BOLT, THROUGH	2	2	2	2				
22	1	26106-100252	BOLT, M10X 25 PLATED	2	2	2	2				

Fig.18. GENERATOR

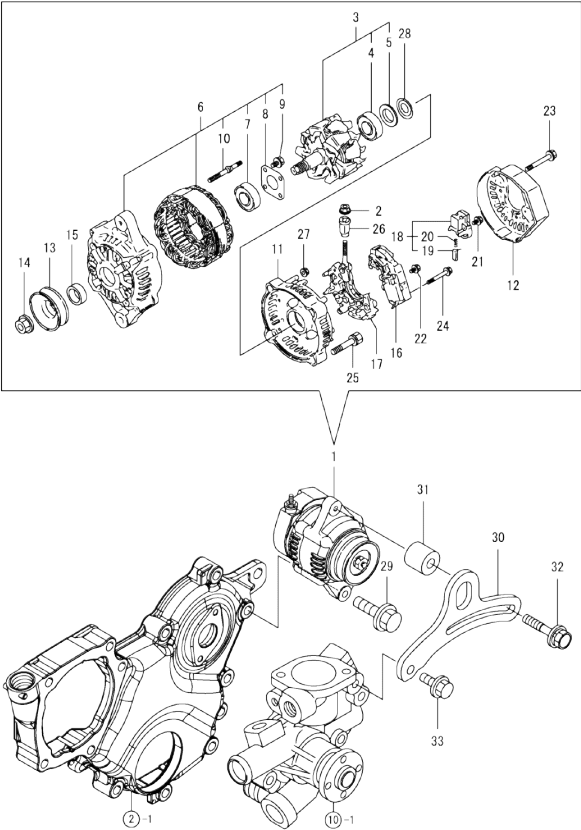


Remarks
*This item is applicable to
[(A)=XXXXX-1] or previous
machines. Refer to Fig.22.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP
(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119128-77200	GENERATOR, 12V-40A	1	1	1	1				
2	2	119128-77220	GENERATOR ASSY	1	1	1	1				
17	2	119128-77370	COVER	1	1	1	1				
18	2	119128-77380	BOLT, FLANGE	4	4	4	4				
19	2	119128-77390	COVER	1	1	1	1				
20	1	26106-100402	BOLT, M10X 40 PLATED	1	1	1	1				
21	1	119125-77320	ADJUSTER	1	1	1	1				
22	1	124732-77340	SPACER	1	1	1	1				
23	1	129972-77341	BOLT, ADJUSTER L=50	1	1	1	1				
24	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1	1				

Fig.21. (18A)GENERATOR



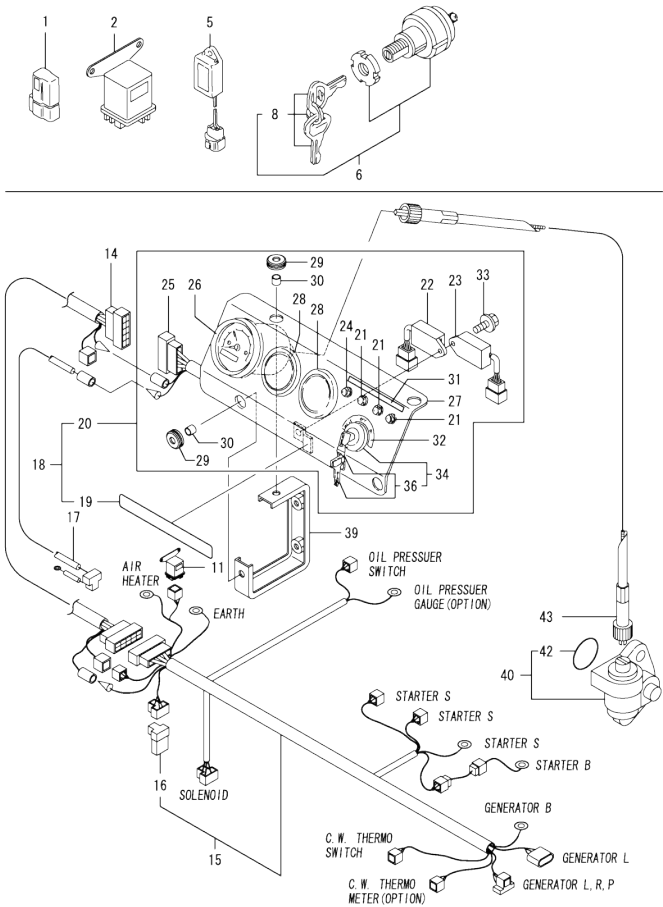
Remarks
*This item is applicable to
[(A)=EXXXXX] or following
machines. Refer to Fig.18.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP

(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77200	GENERATOR, 12V-40A	1	1	1	1				
2	2	X9490561001	NUT	1	1	1	1				
3	2	119620-77380	ROTOR ASSY	1	1	1	1				
4	3	123501-79240	BEARING, BALL	1	1	1	1				
5	3	119620-79250	COVER	1	1	1	1				
6	2	119620-77421	FRAME ASSY, DRIVE	1	1	1	1				
7	3	119620-79200	BEARING, BALL	1	1	1	1				
8	3	119620-79210	PLATE, RETAINER	1	1	1	1				
9	3	119620-79220	SCREW	4	4	4	4				
10	3	119620-79230	STUD	2	2	2	2				
11	2	119620-77440	FRAME ASSY	1	1	1	1				
12	2	129240-79300	COVER	1	1	1	1				
13	2	119620-77461	PULLEY	1	1	1	1				
14	2	119620-77471	NUT	1	1	1	1				
15	2	119620-77490	COLLAR	1	1	1	1				
16	2	129423-77710	REGULATOR ASSY	1	1	1	1				
17	2	119620-79260	HOLDER	1	1	1	1				
18	2	129052-79270	HOLDER, BRUSH	1	1	1	1				
19	3	119620-77480	BRUSH ASSY	2	2	2	2				
20	3	119620-79280	SPRING	2	2	2	2				
21	2	119620-79290	SCREW	6	6	6	6				
22	2	119620-79300	SCREW	1	1	1	1				
23	2	119620-79310	BOLT	3	3	3	3				
24	2	119620-79320	SCREW	2	2	2	2				
25	2	119620-79330	BOLT	2	2	2	2				
26	2	119620-79340	BUSH, INSULATION	1	1	1	1				
27	2	119620-79350	NUT	2	2	2	2				
28	2	119620-79360	WASHER, THRUST	1	1	1	1				
29	1	26106-100402	BOLT, M10X 40 PLATED	1	1	1	1				
30	1	119125-77320	ADJUSTER	1	1	1	1				
31	1	124732-77340	SPACER	1	1	1	1				
32	1	129972-77341	BOLT, ADJUSTER L=50	1	1	1	1				
33	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1	1				

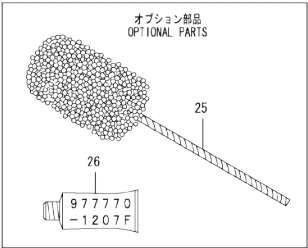
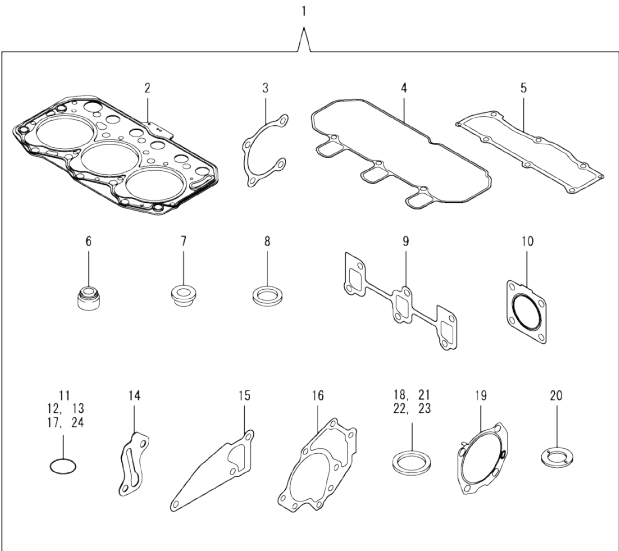
Fig.19. ELECTRIC PARTS



(A)=3TNM72-AS
(D)=3TNM72-ASCP
(B)=3TNM72-ASC
(E)=
(C)=3TNM72-ASP
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119643-66900	DIODE	1	1						
2	1	119650-77910	RELAY ASSY, GLOW	1	1						
5	1	129211-77920	TIMER	1	1						
6	1	933110-00100	SWITCH ASSY, STARTER	1	1						
8	2	933110-00301	KEY ASSY	1	1						
11	1	119650-77910	RELAY ASSY, GLOW			1	1				
14	1	119946-91010	CORD, EXTENSION			1	1				
15	1	119888-91027	HARNESS, WIRE			1	1				
16	2	119643-66900	DIODE			1	1				
17	1	119946-91020	CORD, EXTENSION			1	1				
18	1	119888-91102	PANEL ASSY			1	1				
19	2	104507-07190	LABEL, YANMAR			1	1				
20	2	170121-91101	PANEL ASSY			1	1				
21	3	124732-77720	LAMP, CHARGING			3	3				
22	3	128300-77920	TIMER			1	1				
23	3	129211-77920	TIMER			1	1				
24	3	124559-77971	LAMP, PILOT			1	1				
25	3	119888-91032	HARNESS, WIRE			1	1				
26	3	171080-91101	TACHOMETER			1	1				
27	3	119888-91110	BODY, PANEL			1	1				
28	3	124770-91220	COVER			2	2				
29	3	121400-91520	ABSORBER			4	4				
30	3	121400-91530	SPACER			4	4				
31	3	119888-91610	LABEL, CW & OIL LAMP			1	1				
32	3	119888-91620	LABEL, KEY SWITCH			1	1				
33	3	26106-060102	BOLT, M6X 10 PLATED			1	1				
34	3	933110-00100	SWITCH ASSY, STARTER			1	1				
36	4	933110-00301	KEY ASSY			1	1				
39	1	119888-91120	SUPPORT			2	2				
40	1	129150-91400	GEAR			1	1				
42	2	24341-000240	O-RING, 1AS24.0			1	1				
43	1	124737-91420	CABLE, TACHOMETER			1	1				

Fig.20. GASKET SET



Remarks
(1)OPTIONAL PART.

(A)=3TNM72-AS
(B)=3TNM72-ASC
(C)=3TNM72-ASP
(D)=3TNM72-ASCP
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119025-92600	GASKET SET	1	1	1	1				1
2	2	119025-01331	GASKET, HEAD	1	1	1	1				
3	2	119125-01790	GASKET	1	1	1	1				
4	2	119515-11310	GASKET, BONNET	1	1	1	1				
5	2	119515-11330	GASKET	1	1	1	1				
6	2	119717-11340	SEAL, VALVE STEM	6	6	6	6				
7	2	129901-11450	PROTECTOR, NOZZLE	3	3	3	3				
8	2	119600-11460	GASKET, NOZZLE	6	6	6	6				
9	2	119717-13110	GASKET	1	1	1	1				
10	2	119515-13200	GASKET, SILENCER	1	1	1	1				
11	2	129900-32040	O-RING, P14	1	1	1	1				
12	2	119125-34900	O-RING	1	1	1	1				
13	2	119209-35030	O-RING, P11	1	1	1	1				
14	2	119125-39220	GASKET	1	1	1	1				
15	2	119515-42020	GASKET, WATER PUMP	1	1	1	1				
16	2	119025-42030	GASKET, WATER PUMP	1	1	1	1				
17	2	119209-42320	O-RING, P21 EPDM	1	1	1	1				
18	2	124465-44950	GASKET, 16	1	1	1	1				
19	2	119125-51800	GASKET	1	1	1	1				
20	2	129901-59560	GASKET	3	3	3	3				
21	2	22190-120002	WASHER, SEAL 12	5	5	5	5				
22	2	22190-160002	WASHER, SEAL 16	1	1	1	1				
23	2	23414-080000	GASKET, 8X1.0	1	1	1	1				
24	2	24311-000180	O-RING, 1AP18.0	2	2	2	2				
25	1	129400-92410	HONE	1	1	1	1				1
26	1	977770-1207F	GASKET.LIQUID	1	1	1	1				1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	15	15
101720-55750	15	34
102103-55520	15	5
	29	
103854-39140	15	14
104200-55321	15	25
104200-55330	15	2
	26	
104200-55341	15	27
104200-55750	15	9
	35	
104200-66820	16	8
104200-66831	16	9
104200-66850	16	10
104200-66860	16	11
104507-07190	19	19
105010-11490	4	3
105027-12580	5	5
105230-59510	14	34
	15	18
105425-01690	3	7
106760-01770	2	6
110250-55610	15	6
	30	
114110-07760	15	23
114220-07130	6	23
114250-39450	9	14
114250-53400	14	12
118400-51370	12	24
119000-59550	14	40
119025-01331	1	30
	20	2
119025-01530	2	1
119025-01770	3	6
119025-14580	7	3
119025-21700	8	1
119025-22900	8	37
119025-25100	7	9
119025-34800	9	3
119025-35080	9	9
119025-42000	10	1
119025-42020	10	3
119025-42030	10	4
	20	16
119025-59810	14	29
119025-59820	14	30
119025-59830	14	31
119025-92600	20	1
119027-01560	1	1
119028-12500	5	1

Parts No.	Fig. No.	Ref. No.
119028-12560	5	6
119028-12600	5	7
119028-44510	11	2
119028-44800	11	9
119028-44890	11	10
119028-44910	11	29
119028-44920	11	30
119028-44930	11	11
119028-44950	11	31
119028-44960	11	32
119028-44970	11	12
119028-55650	15	11
119125-01750	2	2
119125-01780	3	10
119125-01790	1	31
	20	3
119125-01800	1	35 -1
119125-01960	1	7
119125-01970	1	5
119125-02061	1	9
119125-02900	1	36
119125-02910	1	39
119125-02930	1	23
119125-02940	1	42
119125-21200	8	4
119125-21660	8	7
119125-25050	1	26
119125-25910	7	14
119125-25930	7	13
119125-32000	9	1
119125-34810	9	5
119125-34900	9	4
	20	12
119125-39200	9	11
119125-39220	9	12
	20	14
119125-51030	12	6
119125-51060	12	7
119125-51100	12	9
119125-51241	12	16
119125-51250	12	17
119125-51300	12	19
119125-51480	12	35
119125-51490	12	36
119125-51700	12	67
119125-51800	1	34
	20	19
119125-52000	12	85
119125-53001	14	2
119125-53080	14	5

Parts No.	Fig. No.	Ref. No.
119125-53100	14	6
119125-53120	14	9
119125-53130	14	10
119125-53140	14	11
119125-59560	14	36
119125-59570	14	38
119125-61100	13	4
119125-61110	13	6
119125-61120	13	7
119125-61130	13	8
119125-61140	13	9
119125-61150	13	10
119125-61160	13	11
119125-61201	13	62
119125-61390	13	13
119125-61401	13	14
119125-61430	13	20
119125-61450	13	85
119125-61501	13	30
119125-66120	16	1
119125-77010	17	1
119125-77170	17	8
119125-77200	17	11
119125-77210	17	12
119125-77230	17	13
119125-77270	17	15
119125-77280	17	16
119125-77320	18	21
	21	30
119125-77520	17	17
119125-77660	17	18
119125-77710	17	19
119125-77760	17	20
119125-77800	4	53
119125-77820	4	54
119128-01600	3	2
119128-07000	11	1
119128-08111	1	45
119128-13500	6	7
119128-13550	6	12
119128-13600	6	11
119128-21591	8	13
119128-44640	11	7
	27	
119128-44901	11	28
119128-77200	18	1
119128-77220	18	2
119128-77370	18	17
119128-77380	18	18
119128-77390	18	19

Parts No.	Fig. No.	Ref. No.
119128-77401	11	37
119128-77402	11	37 -1
119131-18320	6	5
119209-35030	9	8
	20	13
119209-42320	20	17
119255-44660	11	8
119256-44760	10	19
119258-44740	10	18
119285-11990	4	11
119305-35170	9	15
119358-13640	6	13
119415-61700	13	126
119515-01200	1	29
119515-11101	4	13
119515-11110	4	14
119515-11200	4	20
119515-11240	4	21
119515-11280	4	25
119515-11280	4	44
119515-11310	4	44
	20	4
119515-11320	4	45
119515-11330	4	46
	20	5
119515-11380	4	34
119515-11800	4	55
119515-13200	6	22
	20	10
119515-14400	7	2
119515-22300	8	26
119515-23000	8	28
119515-23601	8	32
119515-23611	8	35
119515-42020	10	12
	20	15
119515-44500	11	3
119515-44600	11	5
119515-59540	14	35
119515-61440	13	21
119515-61560	13	93
119517-11740	4	4
119517-22090	8	20
119517-22500	8	22
119600-11460	4	2
	20	8
119609-22950	8	39
119620-01620	1	13
119620-01750	3	3
119620-02450	7	4
119620-14200	7	1

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Parts No.	Fig. No.	Ref. No.
119620-59700	14	42
119620-77380	21	3
119620-77421	21	6
119620-77440	21	11
119620-77461	21	13
119620-77471	21	14
119620-77480	21	19
119620-77490	21	15
119620-79200	21	7
119620-79210	21	8
119620-79220	21	9
119620-79230	21	10
119620-79250	21	5
119620-79260	21	17
119620-79280	21	20
119620-79290	21	21
119620-79300	21	22
119620-79310	21	23
119620-79320	21	24
119620-79330	21	25
119620-79340	21	26
119620-79350	21	27
119620-79360	21	28
119621-21681	8	8
119643-66900	19	1
		16
119650-77910	19	2
		11
119653-77950	13	127
119655-12560	5	3
119685-42281	10	8
119686-12570	5	4
119717-01800	2	3
119717-03031	4	35
119717-03070	4	36
		37
119717-11131	4	15
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