

0CD11-M16100EN

P R E F A C E

1. This parts catalog is the 1st edition of 3TNV76-MSP for SUPER Co.,Ltd.

Pub.No. : 0CD11-G16100

Published : May, 2012

2. Model name

Engine model	Vehicle	Vehicle made by
3TNV76-MSP	HP WASHER	SUPER Co.,Ltd.

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

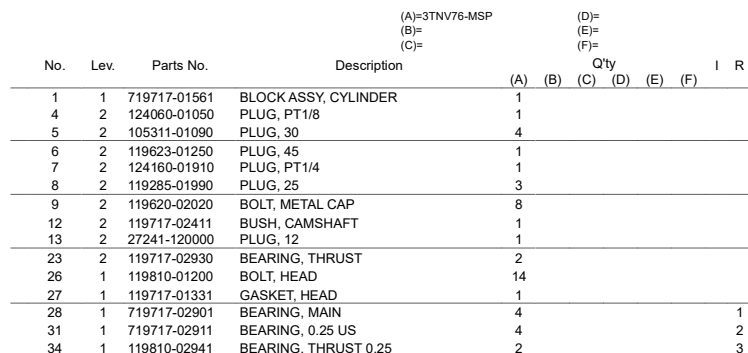
Figures or alphabets (symbols) are entered in the remarks column.

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
3TNV76-MSP			
1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	AIR CLEANER		
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 FILTER		
15.	STARTING MOTOR		
16.	GENERATOR		
17.	ELECTRIC PARTS		
18.	GASKET SET		

Fig.1. CYLINDER BLOCK

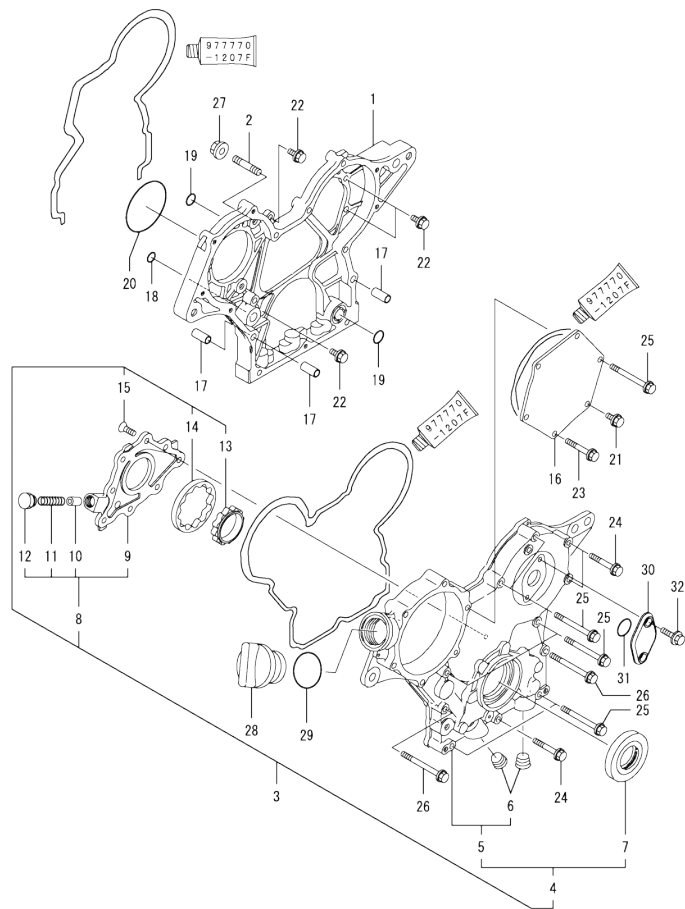


Remarks
(1) Spare part.
(2) Under-sized (U.S.=0.25) part.
(3) Over-sized (O.S.=0.25) part.

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

0CD11-M16100

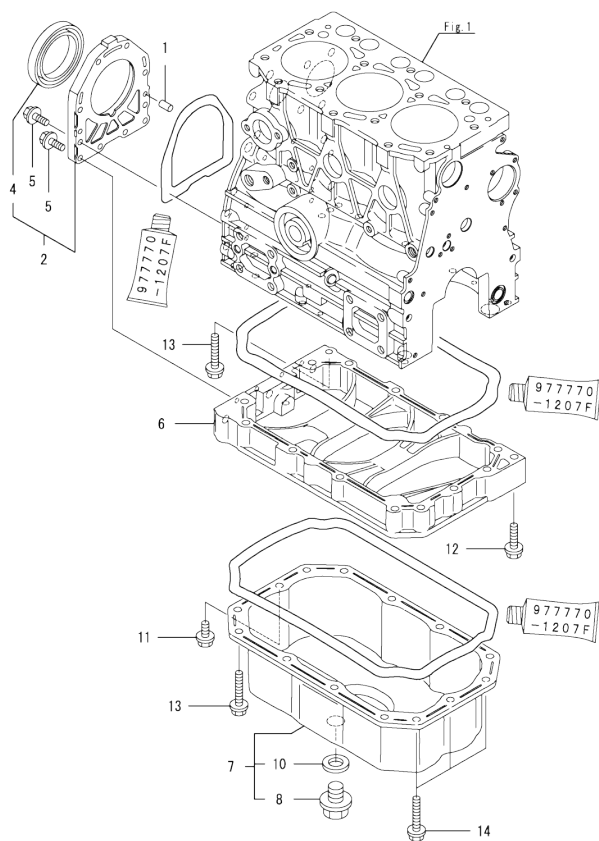
Fig.2. GEAR HOUSING



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01580	CASE ASSY, GEAR	1							
4	2	719734-01510	CASE ASSY, GEAR	1							
5	3	119744-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY	1							
9	3	119717-32080	COVER	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER	1							
17	1	119660-01911	PIPE, KNOCK	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	COVER, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							
30	1	121023-01551	COVER	1							
31	1	24341-000240	O-RING, 1AS24.0	1							
32	1	26106-060162	BOLT, M6X 16 PLATED	2							

N:Old $\frac{YBS}{100}$ New, Q:Old $\frac{H10}{100}$ New, R:Old $\frac{YBS}{100}$ New, S:Old $\frac{H10}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

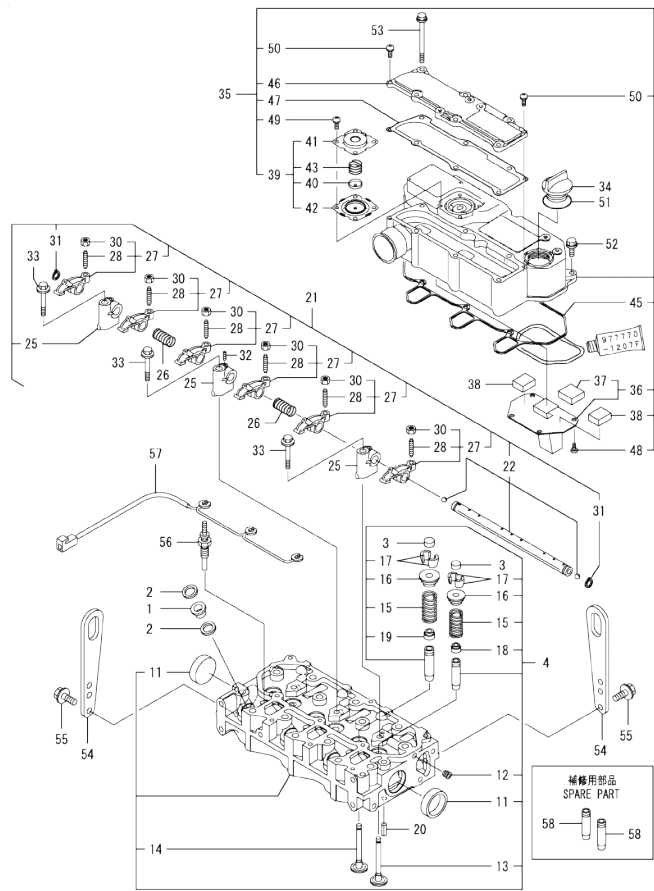
Fig.3. OIL SUMP



						(A)=3TNV76-MSP						(D)=		
						(B)=						(E)=		
						(C)=						(F)=		
No.	Lev.	Parts No.	Description			Qty							I	R
						(A)	(B)	(C)	(D)	(E)	(F)			
1	1	119620-01620	PIN, M6X10			2								
2	1	119660-01640	CASE ASSY, OIL SEAL			1								
4	2	124085-02220	SEAL, OIL			1								
5	1	26106-06022	BOLT, M6X 22 PLATED			10								
6	1	119717-01720	SPACER, OIL SUMP			1								
7	1	119717-01770	SUMP ASSY, OIL			1								
8	2	105425-01690	PLUG, 16			1								
10	2	22190-160002	WASHER, SEAL 16			1								
11	1	26106-080122	BOLT, M8X 12 PLATED			1								
12	1	26106-080302	BOLT, M8X 30 PLATED			1								
13	1	26106-080452	BOLT, M8X 45 PLATED			11								
14	1	26106-080502	BOLT, M8X 50 PLATED			3								

OCD11-M16100

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare part.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119717-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119717-11101	VALVE, INTAKE	3							
14	2	119717-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	22351-060012	PIN, SPRING 6.0X12	2							
21	1	119717-11200	SUPPORT ASSY, ARM	1							
22	2	119717-11240	SHAFT ASSY, ROCKER	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING	2							
27	2	119717-11650	ARM, ROCKER	6							
28	3	129150-11230	SCREW, VALVE ADJUST	6							
30	3	129150-11750	NUT, M8	6							
31	2	22242-000120	RING, 12	2							
32	2	26979-050162	SCREW, M5X16	1							
33	1	26106-080402	BOLT, M8X 40 PLATED	3							
34	1	124160-01751	COVER, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE	1							
37	3	119717-03070	BAFFLE, BREATHER	1							
38	2	119717-03070	BAFFLE, BREATHER	2							
39	2	119802-03100	DIAPHRAGM ASSY	1							
40	3	119802-03110	PLATE	1							
41	3	119802-03121	COVER, DIAPHRAGM	1							
42	3	119802-03131	DIAPHRAGM	1							
43	3	119802-03141	SPRING, DIAPHRAGM	1							
45	2	119718-11310	GASKET, BONNET	1							
46	2	119717-11320	COVER, BONNET	1							
47	2	119717-11331	GASKET	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500160	SCREW, 5X16	2							
51	1	24311-000320	O-RING, 1AP32.0	1							
52	1	26106-060202	BOLT, M6X 20 PLATED	3							
53	1	26106-060752	BOLT, M6X 75 PLATED	6							
54	1	129900-07900	LIFTER	2							
55	1	26106-080162	BOLT, M8X 16 PLATED	4							
56	1	119717-77801	PLUG, GLOW	3							
57	1	119717-77820	CONNECTOR, GLOW PLUG	1							
58	1	119717-11800	GUIDE, VALVE	6							1

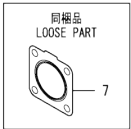
N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.5. AIR CLEANER

[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:Q'ty Change

Fig.6. EXHAUST MANIFOLD



				(A)=3TNV76-MSP					(D)=				
				(B)=					(E)=				
				(C)=					(F)=				
No.	Lev.	Parts No.	Description	Q'ty							I	R	
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	119718-13100	MANIFOLD, EXHAUST	1									
2	1	119717-13110	GASKET	1									
3	1	119717-13600	STUD, M8X50	2									
4	1	119802-13620	BOLT, M8X50	4									
5	1	119131-18320	STUD, M6X22	4									
6	1	26306-080002	NUT, M8	2									
7	1	119515-13200	GASKET, SILENCER	3									

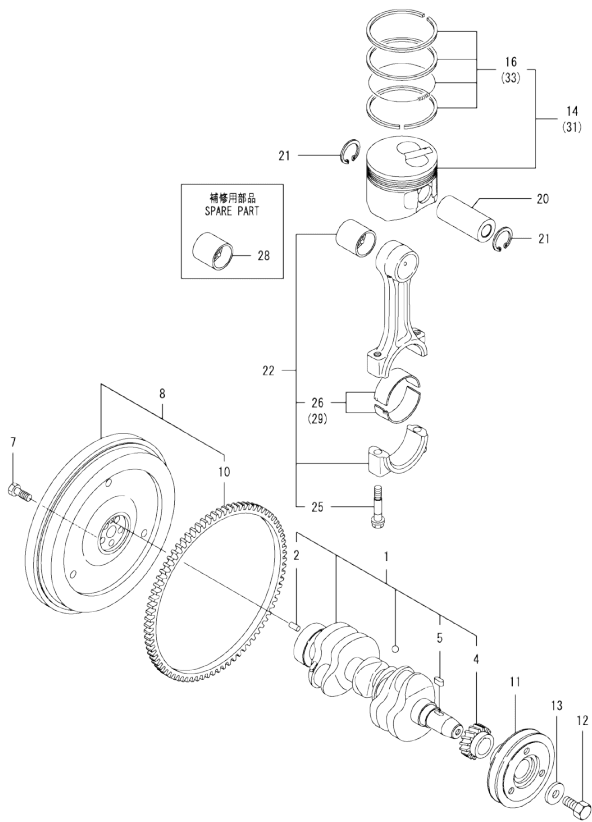
N:Old $\frac{\text{Yes}}{\text{No}}$ New. Q:Old $\frac{\text{No}}{\text{Yes}}$ New. R:Old $\frac{\text{Yes}}{\text{Yes}}$ New. S:Old $\frac{\text{No}}{\text{No}}$ New. W:Add. Z:Discontinued. F:Interchangeable by set. K:Qty Change



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

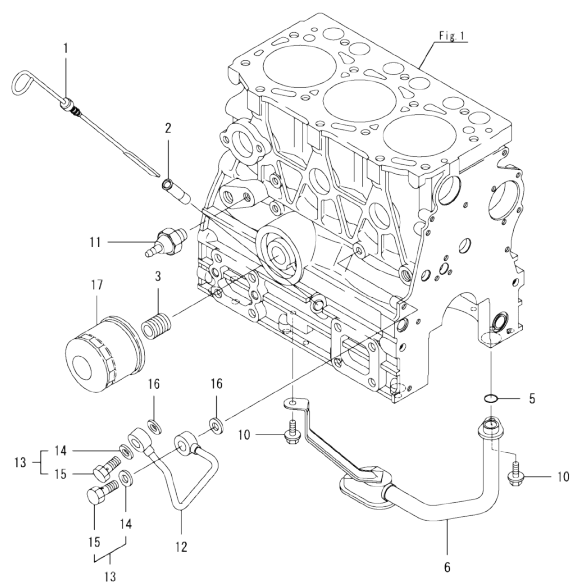
OCD11-M16100

Fig.8. CRANKSHAFT & PISTON



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, M8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119655-21590	FLYWHEEL ASSY	1							
10	2	129350-21600	GEAR, RING	1							
11	1	119717-21650	V-PULLEY	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER	1							
14	1	119717-22080	PISTON ASSY	3							
16	2	119717-22500	RING SET, PISTON	3							
20	1	119717-22300	PIN, PISTON	3							
21	1	22252-000220	RING, 22	6							
22	1	119717-23000	ROD ASSY, CONNECTING	3							
25	2	119717-23200	BOLT, CONNECTING ROD	6							
26	2	119717-23601	BEARING, CRANK PIN	3							
28	1	119717-23910	BEARING, PISTON PIN	3							1
29	1	119717-23611	METAL ASSY, 0.25	3							2
31	1	119717-22090	PISTON ASSY, 0.25 OS	3							3
33	2	119717-22550	RING SET, 0.25 OS	3							3

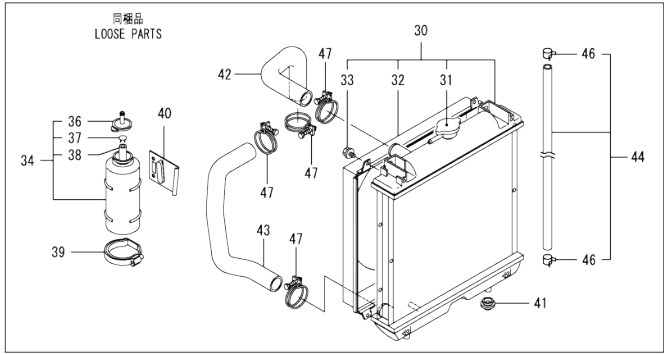
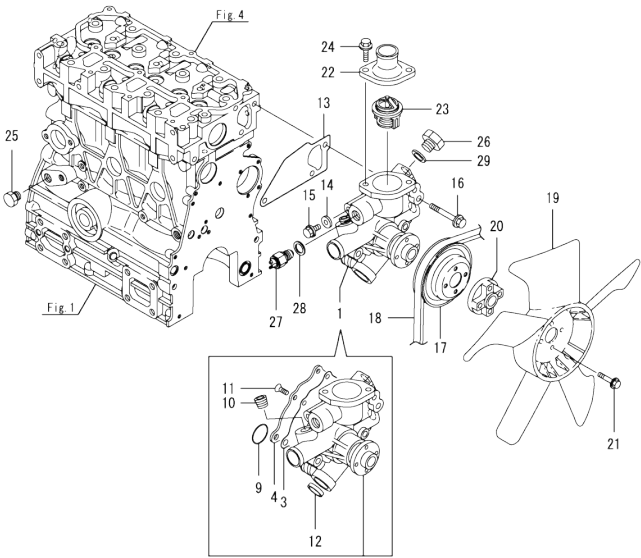
Fig.9. LUB. OIL SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	BOLT	1							
5	1	119717-32060	O-RING, P15.0	1							
6	1	119717-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	114250-39450	SWITCH, 0.5KG	1							
12	1	119717-39210	PIPE, OIL	1							
13	1	129005-59830	BOLT ASSY, JOINT M8	2							
14	2	22190-080002	WASHER, SEAL 6	2							
15	2	23857-030000	BOLT, JOINT 3	2							
16	1	22190-080002	WASHER, SEAL 6	2							
17	1	119305-35151	FILTER ASSY, D68XL65	1							1

OCD11-M16100

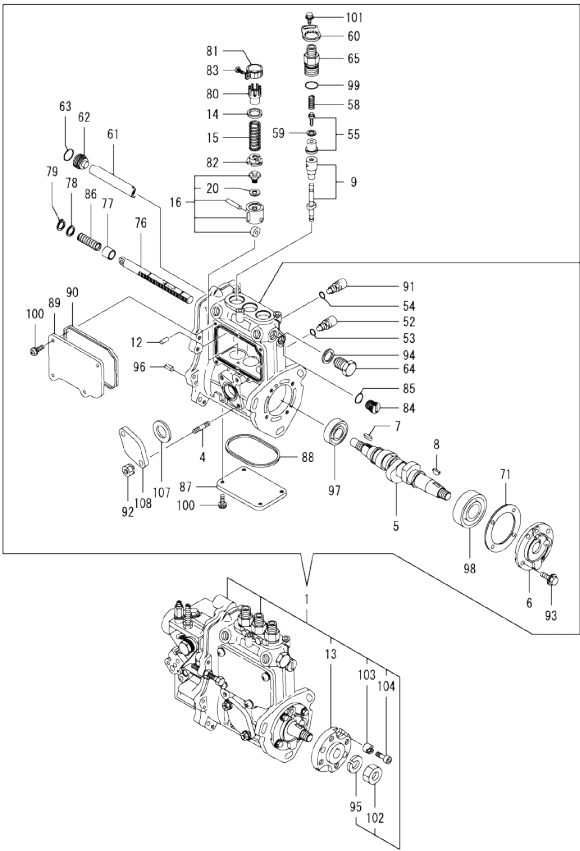
Fig.10. COOLING WATER SYSTEM



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-42000	PUMP ASSY, WATER	1							
3	2	119717-42031	GASKET	1							
4	2	119717-42041	COVER	1							
9	2	119C10-42320	O-RING, 2028	1							
10	2	129916-49740	PLUG, R03	1							
11	2	26577-060122	SCREW, M6X12	4							
12	2	27241-250000	PLUG, 25	1							
13	1	119717-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	119740-42350	V-PULLEY, D=90	1							
18	1	171001-42290	V-BELT, A35.5	1							
19	1	119265-44740	FAN, D=310X5F	1							
20	1	121267-44760	SPACER	1							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN	1							
26	1	121450-42450	PLUG, M16	1							
27	1	121250-44901	SWITCH, 110	1							
28	1	124465-44950	GASKET, 16	1							
29	1	124465-44950	GASKET, 16	1							
30	1	129004-44500	RADIATOR ASSY	1							
31	2	129107-44590	CAP, RADIATOR	1							
32	2	119802-44600	SHROUD	1							
33	2	26014-060122	BOLT, M6X 12	4							
34	1	124450-44510	TANK ASSY, SUB	1							
36	2	124450-44530	CAP	1							
37	2	124450-44560	RETAINER	1							
38	2	23061-070230	PIPE, 7X 230	1							
39	1	124450-44550	BAND	1							
40	1	121256-44600	BRACKET, SUB TANK	1							
41	1	119255-44660	ABSORBER	2							
42	1	119802-49010	PIPE, WATER	1							
43	1	119802-49020	PIPE, WATER	1							
44	1	129210-49280	PIPE ASSY, DRAIN	1							
46	2	124766-59050	CLIP, HOSE 12	2							
47	1	23010-038000	CLAMP, 38	4							

OCD11-M16100

Fig.11. FUEL INJECTION PUMP



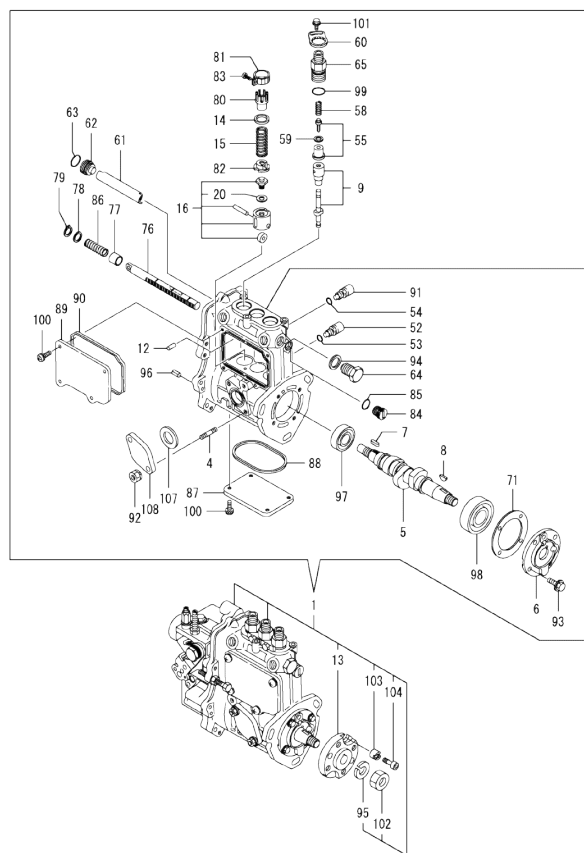
Remarks

(1)Governor(Fig.12)is incorporated in this Fuel Injection Pump (Ref.1).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-51410	FIE ASSY,3TNV76-MSP	1							1
4	2	129155-51020	STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	KEY	1							
8	2	122710-51090	KEY	1							
9	2	119740-51100	PLUNGER ASSY	3							
12	2	129155-51140	PIN	3							
13	2	119717-51150	FLANGE	1							
14	2	158600-51170	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119717-51200	TAPPET ASSY	3							
20	3	129155-51600	SHIM SET, ADJUSTING	3							
52	2	158600-51270	STOPPER, TAPPET	3							
53	2	129155-51280	O-RING, S6	3							
54	2	129155-51280	O-RING, S6	1							
55	2	119717-51300	VALVE ASSY, DELIVERY	3							
58	2	119717-51330	SPRING, DELIVERY	3							
59	2	124550-51350	GASKET, DELIVERY	3							
60	2	119125-51370	RETAINER	3							
61	2	129155-51400	DEFLECTOR	1							
62	2	158600-51410	PLUG, DEFLECTOR	1							
63	2	119717-51420	O-RING	1							
64	2	158600-51420	PLUG, DEFLECTOR	1							
65	2	158600-51442	VALVE ASSY, DELIVERY	3							
71	2	129155-51450	SHIM SET, ADJUSTING	1							
76	2	119717-51500	RACK, CONTROL	1							
77	2	119025-51520	BUSH, RACK	1							
78	2	129155-51530	SPACER	1							
79	2	129155-51540	CIRCLIP	1							
80	2	129155-51550	PINION, CONTROL	3							
81	2	129100-51560	PINION	3							
82	2	119717-51570	RETAINER, SPRING	3							
83	2	129100-51570	SCREW	3							
84	2	158600-51570	PLUG	1							
85	2	129155-51580	O-RING	1							
86	2	129155-51591	SPRING, RACK	1							
87	2	129155-51701	COVER	1							
88	2	119717-51711	GASKET	1							
89	2	119717-51750	COVER	1							
90	2	119717-51761	GASKET	1							
91	2	158600-51790	STOOPER, RACK	1							
92	2	119717-51860	NUT, M6	2							
93	2	119125-51900	BOLT, 6 X 14	4							
94	2	22190-160002	WASHER, SEAL 16	1							
95	2	22217-120000	WASHER, SPRING 12	1							
96	2	22351-050010	PIN, SPRING 5.0X10	2							
97	2	24101-060034	BEARING, BALL 6003	1							
98	2	24101-063034	BEARING, BALL 6303	1							
99	2	24316-000150	O-RING, 4DP15.0	3							
100	2	26022-050122	SCREW, M5X12	8							

N:Old $\xrightarrow{\text{New}}$ New, Q:Old $\xrightarrow{\text{New}}$ New, R:Old $\xrightarrow{\text{New}}$ New, S:Old $\xrightarrow{\text{New}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.11. FUEL INJECTION PUMP



Remarks

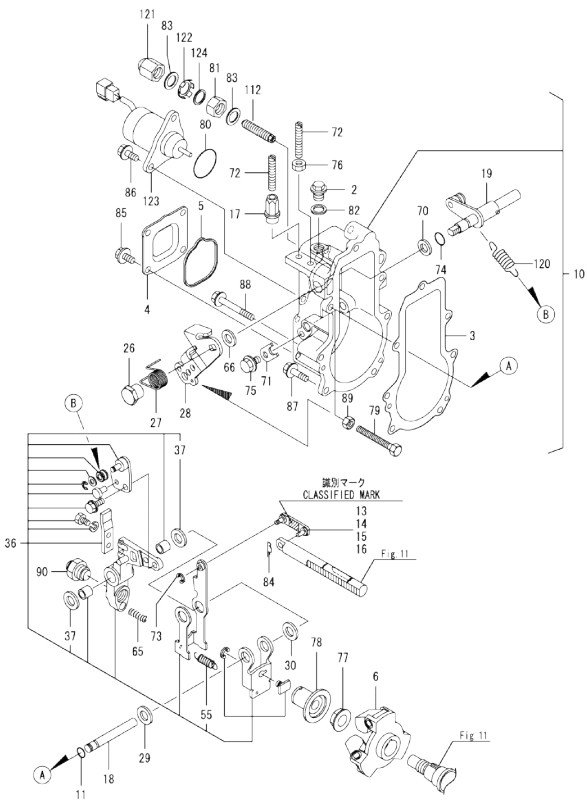
Remarks
(1) Governor (Fig. 12) is incorporated in this Fuel Injection Pump (Ref. 1).

				(A)=3TNV76-MSP (B)= (C)=	(D)= (E)= (F)=								
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
101	2	26106-050102	BOLT, M5X 10 PLATED	3									
102	2	26716-120002	NUT, M12	1									
103	2	119717-51480	COLLAR	1									
104	2	119717-51490	BOLT	1									
107	2	129155-52051	GASKET	1									
108	2	129100-52200	COVER	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:Qty Change

OCD11-M16100

Fig.12. GOVERNOR



Remarks

*This figure(Governor)is incorporated in the Fuel Injection Pump (Fig.11).

(1)Selective parts, mark; 3

(2)Selective parts, mark; 98

(3)Selective parts, mark; 88

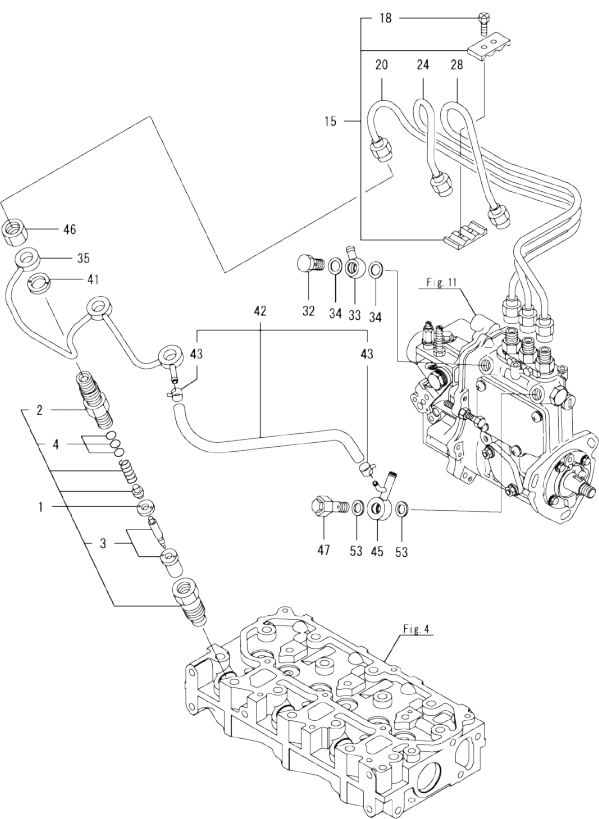
(4)Selective parts, mark; 03

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG,M10	1							
3	2	119717-61050	GASKET	1							
4	2	119717-61060	COVER, GOVERNOR CASE	1							
5	2	119717-61070	GASKET	1							
6	2	119717-61201	WEIGHT ASSY,GOVERNOR	1							
10	2	119742-61200	CASE ASSY, GOVERNOR	1							
11	3	129155-51280	O-RING, S6	1							
13	3	119717-61120	LINK, MARK :3	1							1
14	3	119717-61130	LINK, MARK 98	1							2
15	3	119717-61140	LINK, MARK 88	1							3
16	3	119717-61150	LINK, MARK 03	1							4
17	3	129209-61370	NUT, M6	1							
18	3	129052-61390	SHAFT	1							
19	3	119717-61400	SHAFT ASSY	1							
26	3	129255-61410	NUT, LOCK	1							
27	3	119527-61420	SPRING	1							
28	3	119515-61440	LEVER, CONTROL	1							
29	3	129156-61460	SHIM, T=0.6	1							
30	3	129155-61480	SPACER ASSY	1							
36	3	119761-61500	LEVER ASSY, GOVERNOR	1							
37	4	174307-51700	SHIM SET	2							
55	4	129486-61540	SPRING, SET	1							
65	3	129100-61650	SPRING, CONTROLLER	1							
66	3	158552-61700	SHIM SET	1							
70	3	158552-61710	SHIM, T=1.0	1							
71	3	119660-61901	RETAINER, SHAFT	1							
72	3	121575-66830	SCREW	2							
73	3	22272-000030	RING, E- 3	1							
74	3	24341-000070	O-RING, 1AS7.0	1							
75	3	26106-060102	BOLT, M6X 10 PLATED	1							
76	3	26756-060002	NUT, LOCK M6	1							
77	2	129008-61301	NUT	1							
78	2	129155-61341	SLEEVE	1							
79	2	129155-61460	BOLT, IDLE	1							
80	2	158552-61900	O-RING	1							
81	2	129209-61920	NUT, ARB	1							
82	2	22190-100002	WASHER, SEAL 10	1							
83	2	22190-120002	WASHER, SEAL 12	2							
84	2	22372-040000	PIN, SNAP 4	1							
85	2	26106-060102	BOLT, M6X 10 PLATED	4							
86	2	26106-060142	BOLT, M6X 14 PLATED	2							
87	2	26106-060202	BOLT, M6X 20 PLATED	4							
88	2	26106-060452	BOLT, M6X 45 PLATED	3							
89	2	26756-060002	NUT, LOCK M6	1							
90	2	119415-61550	ANGLEICH ASSY	1							
112	2	158601-61710	LIMITER ASSY, FUEL	1							
120	2	171353-61710	SPRING, GOVERNOR	1							
121	2	129209-61930	NUT, CAP	1							
122	2	129209-61970	PLATE	1							
123	2	119653-77950	SOLENOID, STOP	1							
124	2	23414-120016	GASKET, 12X1.0	1							

N:Old $\frac{100}{100}$ New, Q:Old $\frac{100}{100}$ New, R:Old $\frac{100}{100}$ New, S:Old $\frac{100}{100}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.13. FUEL INJECTION VALVE

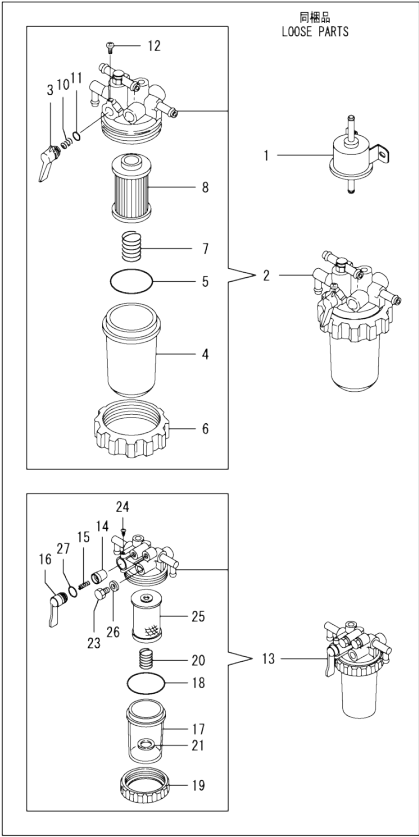


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-53001	VALVE ASSY,INJECTION	3							
2	2	118200-53010	HOLDER, NOZZLE	3							
3	2	119717-53010	VALVE ASSY,INJECTION	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119717-59810	PIPE ASSY, INJECTION	1							
24	1	119717-59820	PIPE ASSY, INJECTION	1							
28	1	119717-59830	PIPE ASSY, INJECTION	1							
32	1	103854-39140	BOLT, PIPE JOINT	1							
33	1	101304-59020	JOINT, PIPE 12	1							
34	1	22190-120002	WASHER, SEAL 12	2							
35	1	119717-59510	PIPE ASSY, RETURN	1							
41	1	129901-59560	GASKET	3							
42	1	119540-59570	PIPE ASSY, RETURN	1							
43	2	124066-59100	CLIP, HOSE 8	2							
45	1	119840-59570	JOINT	1							
46	1	119620-59700	NUT, NOZZLE	3							
47	1	119813-59950	VALVE ASSY, CHECK	1							
53	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare part.

OCD11-M16100

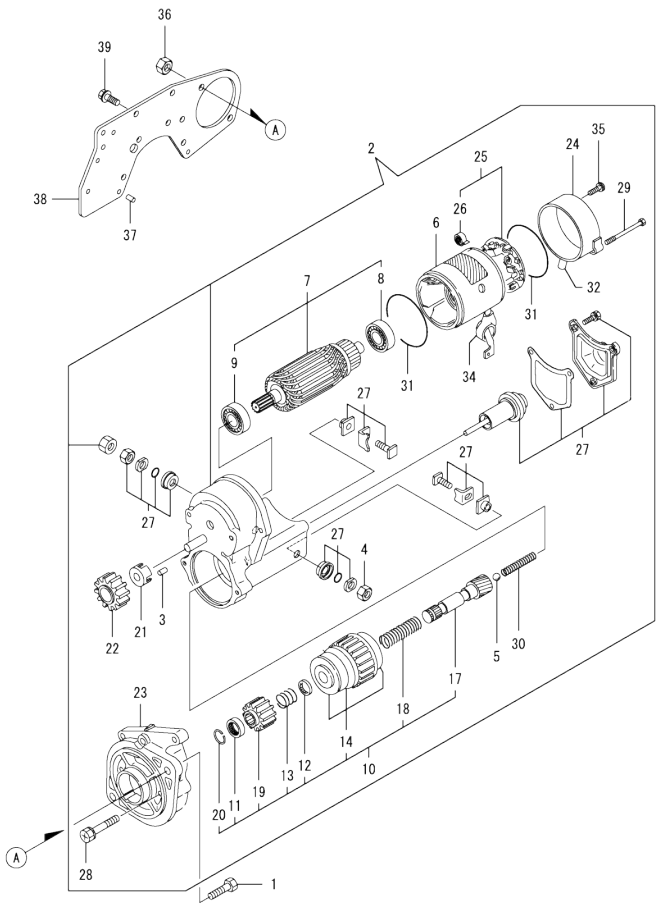
Fig.14. FUEL FILTER



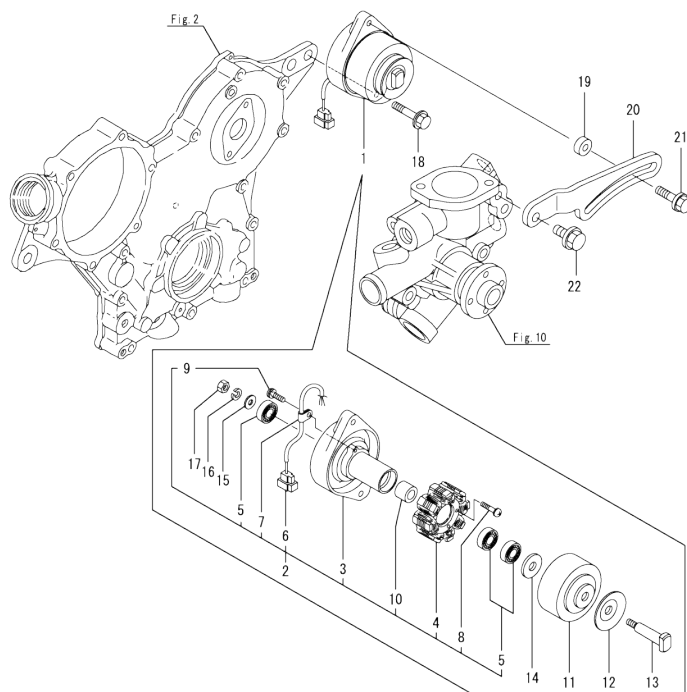
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119225-52102	PUMP ASSY, FUEL FEED	1							
2	1	119740-55600	FILTER ASSY, FUEL	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	COVER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
10	2	104200-55330	SPRING, VALVE	1							
11	2	24311-240100	O-RING, 1AP10A	1							
12	2	104200-55750	SCREW, M4	1							
13	1	129335-55701	SEPARATOR ASSY, WATER	1							
14	2	104200-55321	VALVE, TAPER	1							
15	2	104200-55330	SPRING, VALVE	1							
16	2	104200-55341	HANDLE	1							
17	2	124064-55510	COVER	1							
18	2	102103-55520	O-RING	1							
19	2	110250-55610	RING, RETAINING	1							
20	2	121257-55720	SPRING	1							
21	2	121257-55731	FLOAT	1							
23	2	101720-55750	PLUG, 6	2							
24	2	104200-55750	SCREW, M4	1							
25	2	171081-55910	SCREEN	1							
26	2	23418-060000	GASKET, 6X1.0	2							
27	2	24311-240100	O-RING, 1AP10A	1							

OCD11-M16100

Fig.15. STARTING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121476-01620	BOLT	2							
2	1	129129-77010	STARTER ASSY	1							
3	2	X0283060061	ROLLER	5							
4	2	X9490561370	NUT	1							
5	2	X9491200240	BALL	1							
6	2	129129-77210	YOKE ASSY	1							
7	2	129129-77220	ARMATURE ASSY	1							
8	3	129129-77230	BEARING	1							
9	3	129129-77240	BEARING	1							
10	2	129129-77250	STARTER	1							
11	3	X0280210230	NUT	1							
12	3	X0283270140	RETAINER	1							
13	3	X9491703371	SPRING, COIL	1							
14	3	129129-77390	CLUTCH ASSY	1							
17	3	129129-77400	SHAFT	1							
18	3	129129-77410	SPRING, COIL	1							
19	3	129129-77420	PINION, STARTER	1							
20	3	129129-77430	RING	1							
21	2	129129-77260	RETAINER	1							
22	2	129129-77270	PINION	1							
23	2	129129-77280	HOUSING	1							
24	2	129129-77290	FRAME	1							
25	2	129129-77300	HOLDER ASSY	1							
26	3	X9491730461	SPRING	4							
27	2	129129-77310	SWITCH ASSY	1							
28	2	129129-77320	BOLT	2							
29	2	129129-77330	BOLT	2							
30	2	129129-77340	SPRING	1							
31	2	129129-77350	O-RING	2							
32	2	129129-77362	COVER	1							
34	2	129129-77380	CAP	1							
35	2	129129-77460	SCREW	2							
36	1	26716-120002	NUT, M12	2							
37	1	129100-01580	PIN, M8X16	2							
38	1	119656-77041	BRACKET, STARTER	1							
39	1	26206-100202	BOLT, M10X 20 PLATED	7							



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	171301-77201	DYNAMO ASSY, 15A	1							
2	2	XM08137	PLATE ASSY	1							
3	3	X2A07073KA	PLATE	1							
4	3	X4A07023KB	STATOR ASSY	1							
5	3	24104-062010	BEARING, 6201UUC3	3							
6	3	X417878	COUPLER	1							
7	3	XM069000000	CLAMP	1							
8	3	XYSPS402400	SCREW	2							
9	3	XYSPS400800	SCREW	1							
10	3	XM329830000	COLLAR	1							
11	2	X3A08877KA	FLYWHEEL	1							
12	2	WM721740000	PULLEY	1							
13	2	X4A07403K01	SHAFT	1							
14	2	XM67935	WASHER	1							
15	2	XM860250000	WASHER	1							
16	2	XM219230000	WASHER	1							
17	2	XM863720000	NUT	1							
18	1	26106-100402	BOLT, M10X 40 PLATED	1							
19	1	119940-77270	SPACER, GENERATOR	1							
20	1	119742-77300	ADJUSTER	1							
21	1	129972-77341	BOLT, ADJUSTOR L=50	1							
22	1	26106-080202	BOLT, M8X 20 PLATED	1							

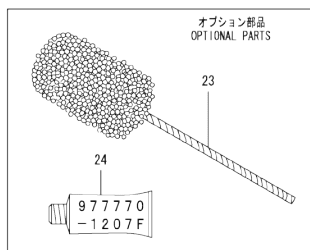
Fig.17. ELECTRIC PARTS



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

Copyright (C) YANMAR CO., LTD. All Rights Reserved.

Fig.18. GASKET SET



(1) Optional parts.

[illegible]

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

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101304-59020	13	33
101720-55750	14	23
102103-55520	14	5
	18	
103854-39140	13	32
104200-55321	14	14
104200-55330	14	10
	15	
104200-55341	14	16
104200-55750	14	12
	24	
105010-11490	4	3
105027-12570	5	6
105311-01090	1	5
105425-01690	3	8
110250-55610	14	6
	19	
114250-39450	9	11
118200-53010	13	2
119025-51520	11	77
119125-51370	11	60
119125-51900	11	93
119131-18320	6	5
119225-52102	14	1
119230-12240	5	1
119247-77100	17	10
119255-44660	10	41
119265-44740	10	19
119285-01990	1	8
119285-11990	4	11
119305-35151	9	17
119415-61550	12	90
119515-13200	6	7
	18	10
119515-61440	12	28
119527-61420	12	27
119540-59570	13	42
119600-11460	4	2
	18	8
119620-01620	3	1
119620-02020	1	9
119620-11280	4	26
119620-14200	7	1
119620-21500	8	7
119620-21941	8	13
119620-59700	13	46
119621-21681	8	12
119623-01250	1	6
119624-32040	2	18
	18	11

Parts No.	Fig. No.	Ref. No.
119643-66900	17	9
119650-77911	17	13
119653-77950	12	123
119655-12560	5	5
119655-21590	8	8
119656-77041	15	38
119660-01640	3	2
119660-01911	2	17
119660-61901	12	71
119668-12500	5	2
119668-12520	5	3
119717-01331	1	27
	18	2
119717-01501	2	1
119717-01570	2	2
119717-01720	3	6
119717-01750	2	16
119717-01770	3	7
119717-01800	2	7
119717-02411	1	12
119717-02930	1	23
119717-03031	4	36
119717-03070	4	37
		38
119717-11101	4	13
119717-11110	4	14
119717-11131	4	15
119717-11190	4	17
119717-11200	4	21
119717-11240	4	22
119717-11260	4	25
119717-11320	4	46
119717-11331	4	47
	18	4
119717-11340	4	18
	18	5
119717-11350	4	19
	18	6
119717-11381	4	35
119717-11650	4	27
119717-11740	4	4
119717-11800	4	58
119717-13110	6	2
	18	9
119717-13600	6	3
119717-14400	7	2
119717-14581	7	3
119717-21200	8	4
119717-21650	8	11
119717-21700	8	1

Parts No.	Fig. No.	Ref. No.
119717-22080	8	14
119717-22090	8	31
119717-22300	8	20
119717-22500	8	16
119717-22550	8	33
119717-23000	8	22
119717-23200	8	25
119717-23601	8	26
119717-23611	8	29
119717-23910	8	28
119717-25050	7	9
119717-25101	7	10
119717-25911	7	16
119717-25930	7	15
119717-32050	2	19
	18	12
119717-32060	9	5
	18	13
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-34801	9	1
119717-35080	9	6
119717-35140	9	3
119717-39210	9	12
119717-42020	10	13
	18	14
119717-42031	10	3
119717-42041	10	4
119717-49800	10	23
119717-51030	11	5
119717-51060	11	6
119717-51070	11	7
119717-51150	11	13
119717-51190	11	15
119717-51200	11	16
119717-51300	11	55
119717-51330	11	58
119717-51420	11	63
119717-51480	11	103
119717-51490	11	104
119717-51500	11	76
119717-51570	11	82
119717-51711	11	88
119717-51750	11	89
119717-51761	11	90
119717-51860	11	92
119717-51930	12	2
119717-53001	13	1

Parts No.	Fig. No.	Ref. No.
119717-53010	13	3
119717-59510	13	35
119717-59810	13	20
119717-59820	13	24
119717-59830	13	28
119717-61050	12	3
119717-61060	12	4
119717-61070	12	5
119717-61120	12	13
119717-61130	12	14
119717-61140	12	15
119717-61150	12	16
119717-61201	12	6
119717-61400	12	19
119717-77801	4	56
119717-77820	4	57
119718-11310	4	45
	18	3
119718-13100	6	1
119734-01580	2	3
119740-42350	10	17
119740-51100	11	9
119740-55600	14	2
119740-92600	18	1
119742-61200	12	10
119742-77300	16	20
119744-01521	2	5
119761-61500	12	36
119802-03100	4	39
119802-03110	4	40
119802-03121	4	41
119802-03131	4	42
119802-03141	4	43
119802-13620	6	4
119802-32130	2	15
119802-44600	10	32
119802-49010	10	42
119802-49020	10	43
119808-12540	5	4
119810-01200	1	26
119810-02941	1	34
119810-55340	14	3
119810-55650	14	8
119813-59950	13	47
119840-59570	13	45
119865-12600	5	7
119940-77270	16	19
119C10-42320	10	9
119E10-42000	10	1
121023-01551	2	30

Parts No. Index

Parts No.	Fig. No.	Ref. No.
121250-44901	10	27
121250-55620	14	7
121254-55510	14	4
121256-44600	10	40
121257-55720	14	20
121257-55731	14	21
121267-44760	10	20
121450-42450	10	26
121476-01620	15	1
121520-34810	9	2
121520-77711	17	11
121575-66830	12	72
121850-51960	2	20
	18	16
122710-51090	11	8
124060-01050	1	4
124064-55510	14	17
124066-59100	13	43
124085-02220	3	4
124160-01751	2	28
	4	34
124160-01910	1	7
124450-44510	10	34
124450-44530	10	36
124450-44550	10	39
124450-44560	10	37
124465-44950	10	28
		29
	18	15
124550-51350	11	59
124766-59050	10	46
129001-32320	2	11
129001-32330	2	12
129004-44500	10	30
129005-59830	9	13
129008-61301	12	77
129052-61390	12	18
129100-01580	8	2
	15	37
129100-51560	11	81
129100-51570	11	83
129100-52200	11	108
129100-61650	12	65
129107-44590	10	31
129129-77010	15	2
129129-77210	15	6
129129-77220	15	7
129129-77230	15	8
129129-77240	15	9
129129-77250	15	10

Parts No.	Fig. No.	Ref. No.
129129-77260	15	21
129129-77270	15	22
129129-77280	15	23
129129-77290	15	24
129129-77300	15	25
129129-77310	15	27
129129-77320	15	28
129129-77330	15	29
129129-77340	15	30
129129-77350	15	31
129129-77362	15	32
129129-77380	15	34
129129-77390	15	14
129129-77400	15	17
129129-77410	15	18
129129-77420	15	19
129129-77430	15	20
129129-77460	15	35
129150-11230	4	28
129150-11750	4	30
129150-25301	7	14
129150-59120	13	15
129150-59131	13	18
129155-51020	11	4
129155-51140	11	12
129155-51280	11	53
		54
	12	11
129155-51400	11	61
129155-51450	11	71
129155-51530	11	78
129155-51540	11	79
129155-51550	11	80
129155-51580	11	85
129155-51591	11	86
129155-51600	11	20
129155-51701	11	87
129155-52051	11	107
129155-61341	12	78
129155-61460	12	79
129155-61480	12	30
129155-77925	17	16
129156-61460	12	29
129209-61370	12	17
129209-61920	12	81
129209-61930	12	121
129209-61970	12	122
129210-49280	10	44
129211-77920	17	17
129255-61410	12	26

Parts No.	Fig. No.	Ref. No.
129335-55701	14	13
129350-21600	8	10
129350-49530	10	22
129400-92420	18	23
129411-91310	17	18
129411-91360	17	19
129486-61540	12	55
129508-11180	4	16
129900-07900	4	54
129900-32130	2	10
129901-11450	4	1
	18	7
129901-53800	13	4
129901-59560	13	41
	18	17
129916-49740	10	10
129972-77341	16	21
158552-61700	12	66
158552-61710	12	70
158552-61900	12	80
158600-51170	11	14
158600-51270	11	52
158600-51410	11	62
158600-51420	11	64
158600-51442	11	65
158600-51570	11	84
158600-51790	11	91
158601-61710	12	112
171001-42290	10	18
171056-49120	10	25
171081-55910	14	25
171301-77201	16	1
171353-61710	12	120
171440-77801	17	12
174307-51700	12	37
194155-52160	17	6
194215-52110	17	1
22190-080002	9	14
		16
	18	18
22190-100002	12	82
22190-120002	12	83
	13	34
		53
	18	19
22190-160002	3	10
	11	94
	18	20
22217-120000	11	95
22242-000120	4	31

Parts No.	Fig. No.	Ref. No.
22252-000220	8	21
22272-000030	12	73
22351-050010	11	96
22351-060012	4	20
22372-040000	12	84
22512-040120	8	5
22857-500100	4	48
		49
22857-500160	4	50
23000-060000	5	11
23010-038000	10	47
23061-070230	10	38
23414-080000	10	14
	18	21
23414-120016	12	124
23418-060000	14	26
23857-030000	9	15
23876-005000	4	12
23876-030000	2	6
24101-060034	11	97
24101-063034	11	98
24104-062010	16	5
24311-000320	2	29
	4	51
	18	22
24311-240100	14	11
		27
24316-000150	11	99
24341-000070	12	74
24341-000240	2	31
26014-060122	10	33
26022-050122	11	100
26106-050102	11	101
26106-060102	9	10
	12	75
		85
26106-060122	2	21
	7	8
26106-060142	12	86
26106-060162	2	22
		32
26106-060202	4	52
	12	87
26106-060222	3	5
26106-060302	10	21
26106-060352	7	13
26106-060402	2	23
		24
26106-060452	12	88
26106-060602	2	25

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26106-060652	2	26
26106-060752	4	53
26106-080122	3	11
	10	15
26106-080162	4	55
26106-080202	10	24
	16	22
26106-080302	3	12
26106-080402	4	33
26106-080452	3	13
26106-080502	3	14
	10	16
26106-100402	16	18
26206-100202	15	39
26306-080002	2	27
	6	6
26577-060122	10	11
26716-120002	11	102
	15	36
26756-060002	12	76
		89
26979-050162	4	32
27241-120000	1	13
27241-250000	10	12
719717-01561	1	1
719717-02901	1	28
719717-02911	1	31
719717-51410	11	1
719734-01510	2	4
977770-1207F	18	24
X0280210230	15	11
X0283060061	15	3
X0283270140	15	12
X2A07073KA	16	3
X3A08877KA	16	11
X417878	16	6
X4A07023KB	16	4
X4A07403K01	16	13
X9490561370	15	4
X9491200240	15	5
X9491703371	15	13
X9491730461	15	26
XM069000000	16	7
XM08137	16	2
XM219230000	16	16
XM329830000	16	10
XM67935	16	14
XM721740000	16	12
XM860250000	16	15
XM863720000	16	17

Parts No.	Fig. No.	Ref. No.
XYSPS400800	16	9
XYSPS402400	16	8

Parts No.	Fig. No.	Ref. No.