



Spare parts catalog- Yanmar engines

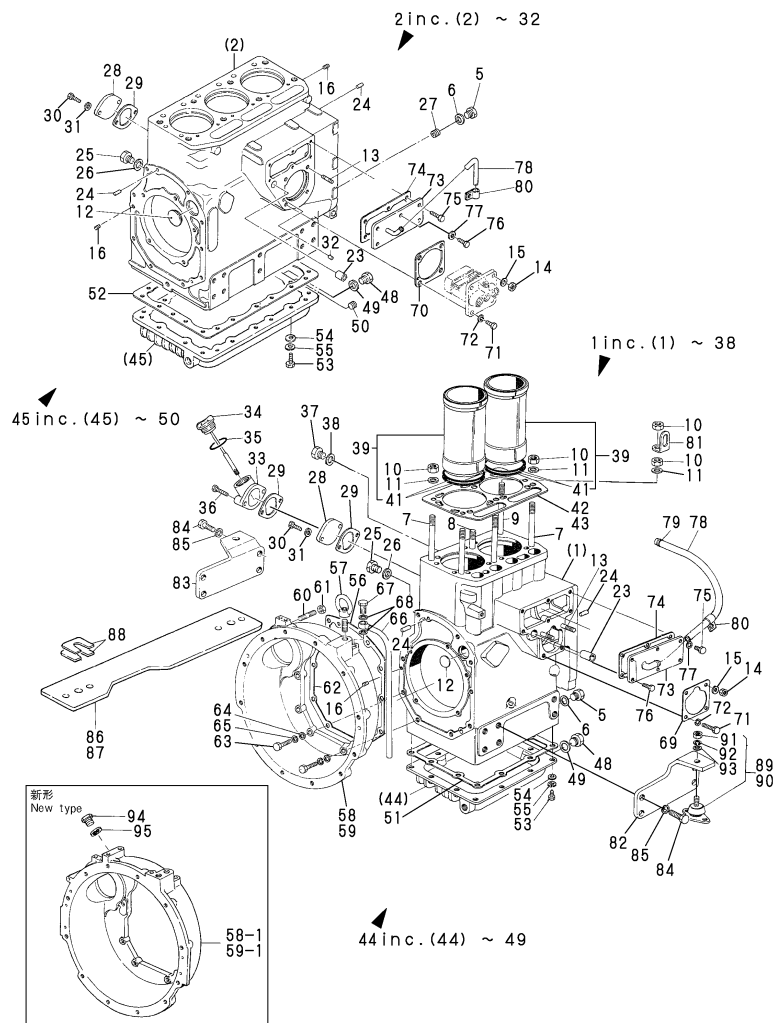
(A) = 2QM20

(B) = 3QM30

(C) = 2QM

(D) = 3QM

Fig.1.CYLINDER BLOCK



Remarks

- (1)CYL.BLOCK ASSY FOR 2QM OR 2QM20
CONTAINS THE ABOVE-MENTIONED PART
FROM REF.NO.33 UP TO REF.NO.38 AS
EXTRAS IN ORDER TO MAKE THE ASSY
INTERCHGEABLE WITH CYL.BLOCK ASSY
OF TORACTOR. THUS,PAY MUCH ATTEN
-TION TO THIS REGARD AT THE TIME
OF REPAIRRING OR REASSEMBLY.
PLEASE BE SURE TO REMOVE.
- (2)REFER TO FIG.6 FOR ILLUSTRATED.
- (3)OPTIONAL(SELECTION USE PARATS)

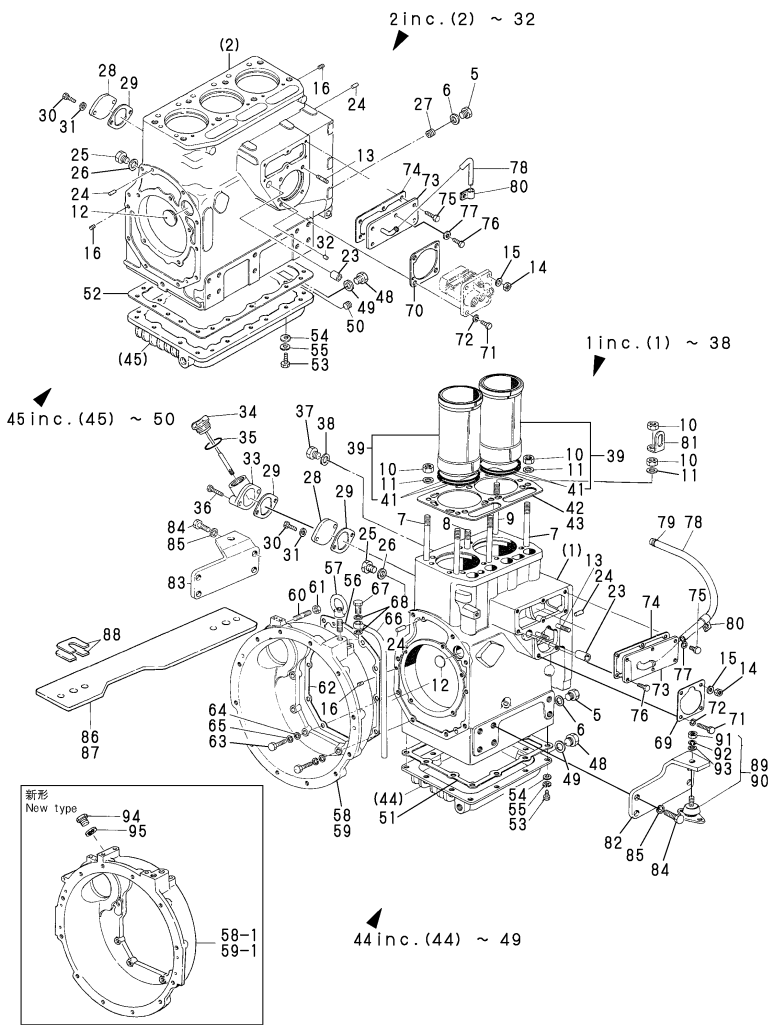
(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724465-01561	BLOCK ASSY, CYLINDER	1			1				
2	2	721370-01560	BLOCK ASSY, CYLINDER		1			1			
5	2	23897-020002	PLUG PF1/4,HEX.	1	1		1	1			
5-1	2	124160-01910	PLUG PT1/4	1		1				N	
(A=*1976.11) (C=*1976.11)											
6	2	23414-120000	GASKET 12, ROUND	1	1		1	1			
6-1	2	23414-120000	GASKET 12, ROUND	1		1				Z	
(A=*1976.11) (C=*1976.11)											
7	2	124450-01210	STUD, CYL. HEAD	4	7		4	7			
8	2	124450-01220	STUD, CYL. HEAD	1			1				
9	2	124450-01230	STUD, CYL. HEAD	1	1		1	1			
10	2	124450-01250	NUT, CYL. HEAD	7	9		7	9			
11	2	124450-01240	WASHER	6	8		6	8			
12	2	27231-400000	PLUG 40	1	1		1	1			
12-1	2	27233-400000	PLUG 40	1	1		1	1		N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
13	2	26216-080222	STUD M 8X 22 PLATED	2	2		2	2			
14	2	26716-080002	NUT M 8	2	2		2	2			
15	2	43400-500410	SEAL WASHER 8S	2	2		2	2			
16	2	124060-01050	PLUG PT1/8	2	2		2	2		W	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
17	2	724465-02500	HOUSING ASSY,BEARING	1			1				2
18	2	721250-02500	HOUSING ASSY		1			1			2
19	2	124460-02150	GASKET	1	1		1	1			2
20	2	26116-100252	BOLT M10X 25 PLATED	5	5		5	5			2
21	2	22217-100000	SPRING WASHER 10	5	5		5	5			2
22	2	121250-02100	MEIN METAL	1	1		1	1			2
23	2	124550-01900	BUSH, REGURATOR	1	1		1	1			
24	2	22312-080160	PARALLEL PIN 8X 16	4	4		4	4			
25	2	23887-100002	PLUG 10	1	3		1	3			
25-1	2	23883-100002	PLUG 10	1	3		1	3		N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
26	2	121250-01990	GASKET	1	3		1	3			
27	2	124160-01910	PLUG PT1/4		1			1			
28	2	124772-01400	COVER	1	1		1	1			
29	2	124160-34842	GASKET	1	1		1	1			
29-1	2	124160-34843	GASKET	1	1		1	1		N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
29-2	2	124160-34844	GASKET	1	1		1	1		N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
30	2	26116-080162	BOLT 8X16	2	2		2	2			
31	2	22212-080000	SPRING WASHER 8	2	2		2	2			
31-1	2	22217-080000	SPRING WASHER 8	2	2		2	2		N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
32	2	22312-040100	PARALLEL PIN 4X10		1			1			
33	2	121250-01520	FLANGE	1			1				1
33-1	2	121250-01522	FLANGE	1			1			N	1
(A=EXXX) (C=EXXX)											
34	2	121250-01791	CAP W/DIPSTICK	1			1				1
35	2	24321-000350	O-RING 1A G-35.0	1			1				1
36	2	26116-080352	BOLT M 8X 35	2			2				1
37	2	124450-01960	PLUG M14X15	1			1				1
38	2	124450-01980	GASKET	1			1				1
39	1	724770-01900	LINER W/PACKING, CYL	2	3		2	3			

++ CONTINUE ++

Fig.1.CYLINDER BLOCK



Remarks

- (1)CYL.BLOCK ASSY FOR 2QM OR 2QM20
CONTAINS THE ABOVE-MENTIONED PART
FROM REF.NO.33 UP TO REF.NO.38 AS
EXTRAS IN ORDER TO MAKE THE ASSY
INTERCHGEABLE WITH CYL.BLOCK ASSY
OF TORACTOR. THUS,PAY MUCH ATTEN
-TION TO THIS REGARD AT THE TIME
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PLEASE BE SURE TO REMOVE.
- (2)REFER TO FIG.6 FOR ILLUSTRATED.
- (3)OPTIONAL(SELECTION USE PARATS)

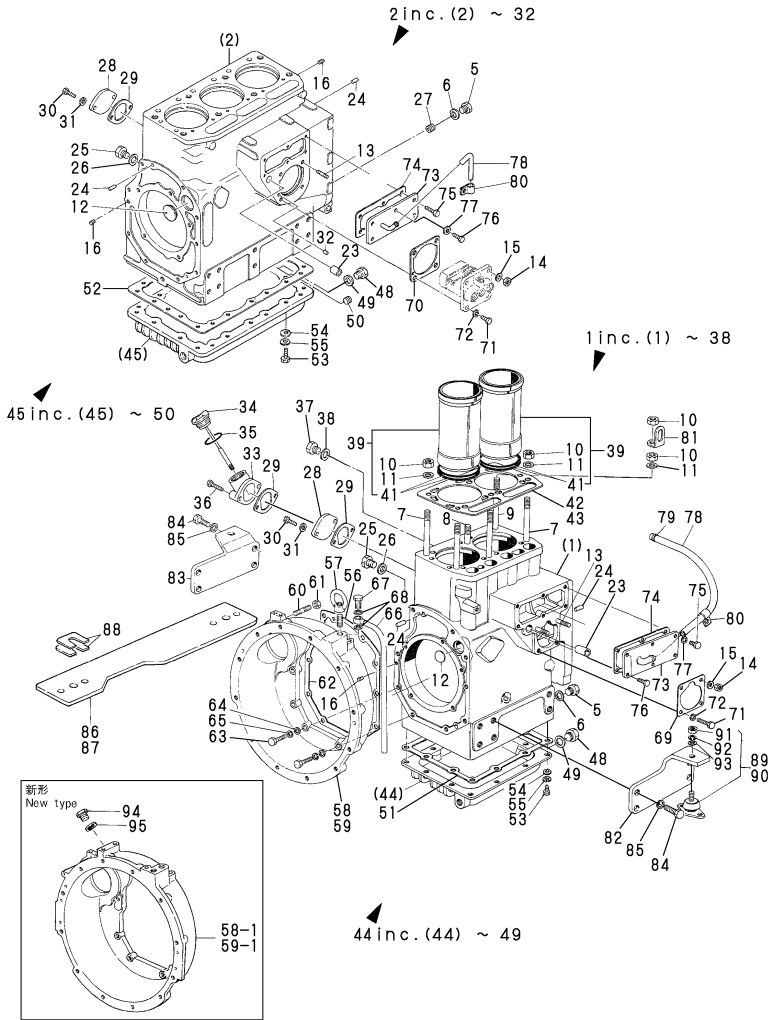
(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	2	124550-01300	PACKING, LINER	4	6	4	6				
42	1	124750-01331	GASKET, CYL. HEAD	1		1					
42-1	1	124772-01330	GASKET, CYL. HEAD	1		1				N	
(A=*1976.12) (C=*1976.12)											
43	1	121370-01330	GASKET, CYL. HEAD		1		1				
43-1	1	121370-01331	GASKET, CYL. HEAD		1		1			N	
(B=*1976.12) (D=*1976.12)											
44	1	724772-01540	SUMP ASSY, LUB OIL	1		1					
45	1	721370-01540	SUMP ASSY, LUB OIL		1		1				
48	2	23884-160002	PLUG 16	1	1	1	1				
48-1	2	23883-160002	PLUG 16	1	1	1	1			N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
49	2	23414-160000	GASKET 16, ROUND	1	1	1	1				
50	2	23873-020000	PLUG PT 1/4		1		1				
51	1	124465-01750	GASKET	1		1					
51-1	1	124465-01751	GASKET	1		1				N	
(A=EXXX) (C=EXXX)											
52	1	121250-01750	GASKET, OIL SUMP		1		1				
52-1	1	121250-01751	GASKET, OIL SUMP		1		1			N	
(B=EXXX) (D=EXXX)											
53	1	26113-080302	BOLT M 8X 30	16	20	16	20				
54	1	22113-080000	WASHER 8	16	20	16	20				
55	1	189040-01860	SPRING WASHER 8	16	20	16	20				
56	1	124770-07210	STUD	1	1	1	1				
57	1	26620-120002	EYE NUT M12	1	1	1	1				
58	1	124772-01600	FLANGE, MOUNTING	1							
58-1	1	124790-01601	FLANGE, MOUNTING	1						S	
(A=E/#84249)											
59	1	124790-01600	FLANGE, MOUNTING		1	1	1				
59-1	1	124790-01601	FLANGE, MOUNTING		1	1	1			N	
(B=E/#81052) (C=E/#81097) (D=E/#81061)											
60	1	26226-120252	STUD M12X 25 PLATED	2	2	2	2				
61	1	26716-120002	NUT 12	2	2	2	2				
62	1	124772-01610	GASKET	1	1	1	1				
63	1	26116-100382	BOLT M10X 38 PLATED	9	9	9	9				
64	1	22137-100000	WASHER 10,POLISHED	9	9	9	9				
65	1	22212-100000	WASHER, 10	9	9	9	9				
65-1	1	22217-100000	SPRING WASHER 10	9	9	9	9			N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
66	1	124770-03200	PIPE, BREATHER	1	1	1	1				
67	1	101147-59810	BOLT 8, PIPE JOINT	1	1	1	1				
68	1	23414-080000	GASKET 8, ROUND	2	2	2	2				
69	1	124550-51950	SHIM SET	1		1					
69-1	1	124550-51951	SHIM SET	1		1				N	
(A=*1978.06) (C=*1978.06)											
70	1	121250-01950	SHIM SET		1		1				
70-1	1	121250-01951	SHIM SET		1		1			N	
(B=*1978.06) (D=*1978.06)											
71	1	26116-080222	BOLT M 8X 22 PLATED	2	2	2	2				
72	1	22212-080000	SPRING WASHER 8	2	2	2	2				
72-1	1	22217-080000	SPRING WASHER 8	2	2	2	2			N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
73	1	121250-01850	COVER	1	1	1	1				
74	1	124160-01861	GASKET	1	1	1	1				

++ CONTINUE ++

Fig.1.CYLINDER BLOCK



Remarks

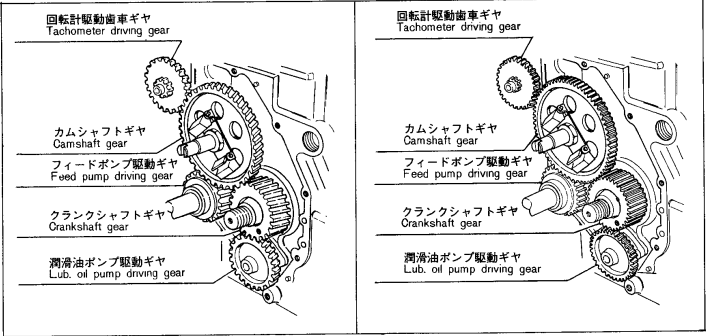
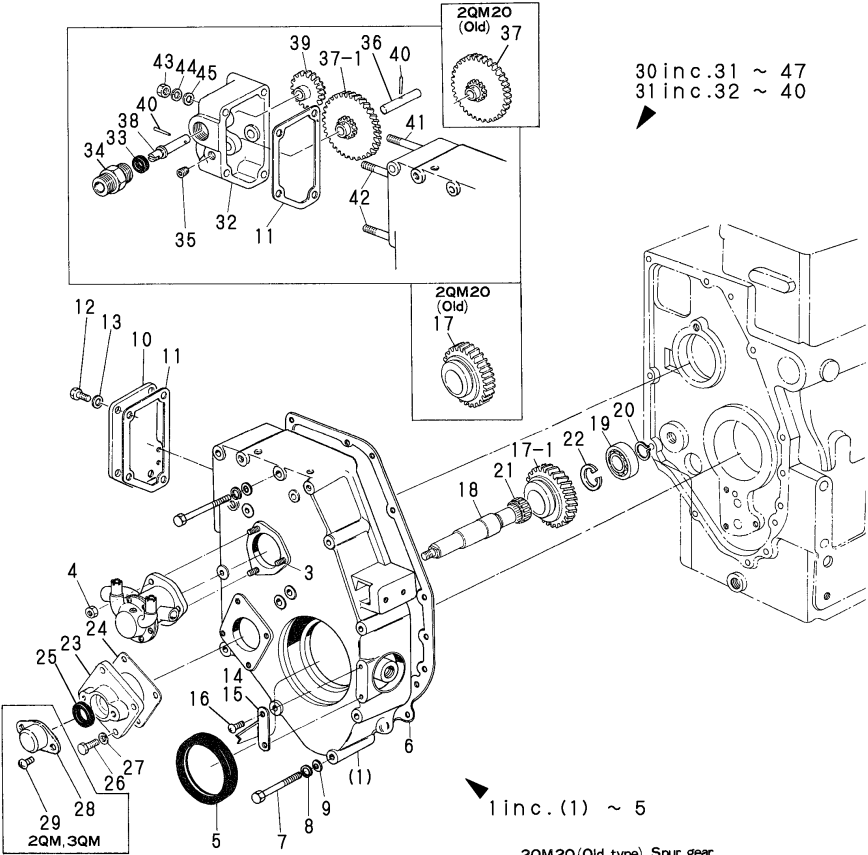
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- (3)OPTIONAL(SELECTION USE PARATS)

(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
74-1	1	124160-01862	GASKET	1	1	1	1			N	
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
74-2	1	124160-01863	GASKET	1	1	1	1			N	
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
75	1	26116-060122	BOLT 6X12	4	4	4	4				
76	1	26116-060162	BOLT 6X16	2	2	2	2				
77	1	22137-060000	WASHER 6, POLISHED	4	4	4	4				
78	1	23065-090620	PIPE 9X 620	1	1	1	1				
78-1	1	124772-03100	PIPE, BREATHER	1	1	1	1			N	
(A=*1976.12) (B=*1976.12) (C=*1976.12) (D=*1976.12)											
79	1	124223-49750	BAND	1	1	1	1				
79-1	1	124766-59050	CLAMP 12	1	1	1	1			N	
(A=*1976.12) (B=*1976.12) (C=*1976.12) (D=*1976.12)											
80	1	124250-01650	CLAMP	1	1	1	1			Z	
(A=*1976.12) (B=*1976.12) (C=*1976.12) (D=*1976.12)											
81	1	124770-07230	LIFTER, ENGINE	1	1	1	1				
81-1	1	124070-07230	LIFTER, ENGINE	1	1	1	1			N	
(A=E/85335) (B=E/81577) (C=E/81899) (D=E/81809)											
82	1	124770-08110	BRACKET (B), ENGINE	1	1	1	1				
83	1	124770-08120	BRACKET (B), ENGINE	1	1	1	1				
84	1	26116-120302	BOLT M12X 30 PLATED	8	8	8	8				
85	1	22212-120000	SPRING WASHER 12	8	8	8	8				
85-1	1	22217-120000	SPRING WASHER	8	8	8	8			N	
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
86	1	124790-08120	BRACKET			2					
87	1	121390-08120	BRACKET				2				
88	1	124223-92800	SHIM SET ASSY, FOOT			1	1				
89	1	124770-08340	ABSORBER	4	4	4	4				3
90	1	121370-08340	MOUNTING, FEXIBLE	4	4	4	4				3
91	2	124770-08910	NUT M12	4	4	4	4				
92	2	22217-120000	SPRING WASHER	4	4	4	4				
93	2	22137-120000	WASHER 12,POLISHED	4	4	4	4				
94	1	23883-180000	PLUG M18	1	1					W	
(A=E/85658) (B=E/81661)											
95	1	23414-180023	GASKET 18	1	1					W	
(A=E/85658) (B=E/81661)											

Fig.2.GEAR HOUSING

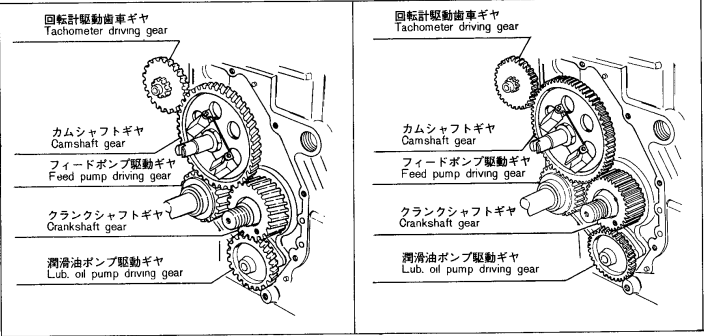
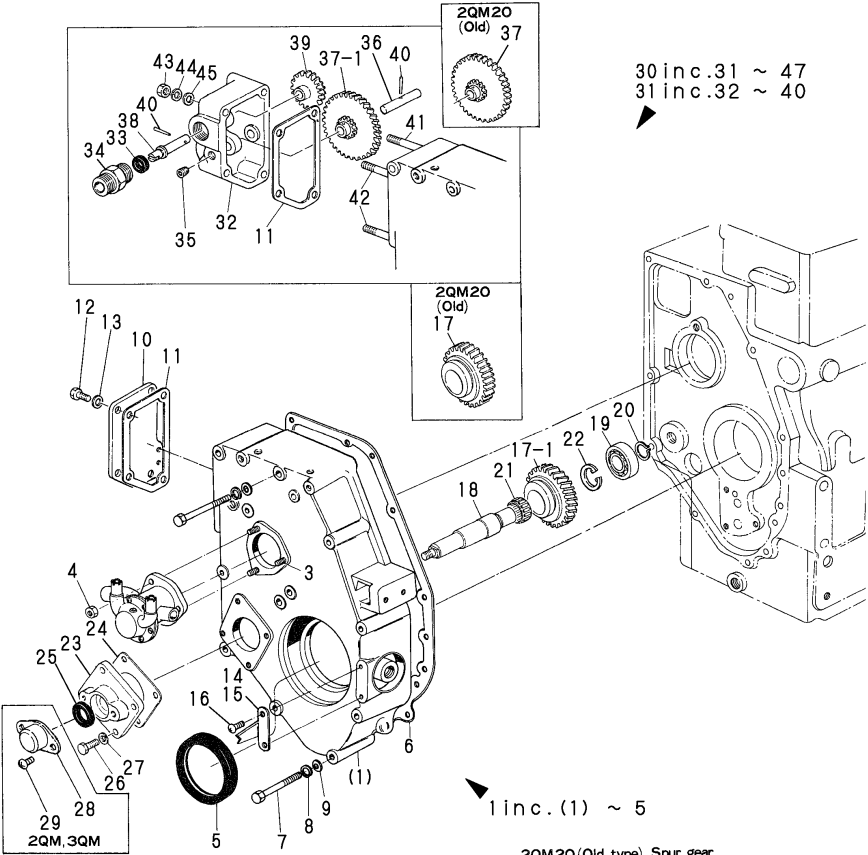


Remarks
(1)OPTIONAL
(2)REFER TO FIG.20 FOR ILLUSTRATED.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724772-01500	HOUSING ASSY, GEARS	1	1	1	1				
3	2	26216-080182	STUD M 8X 18 PLATED	3	3	3	3				
4	2	26716-080002	NUT M 8	3	3	3	3				
5	2	124450-01800	OIL SEAL HTC588012	1	1	1	1				
6	1	124450-01511	GASKET, GEAR HOUSING	1	1	1	1				
6-1	1	124450-01512	GASKET, GEAR HOUSING	1	1	1	1				N
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
7	1	26116-081052	BOLT M 8X105 PLATED	9	9	9	9				
8	1	22212-080000	SPRING WASHER 8	9	9	9	9				
8-1	1	22217-080000	SPRING WASHER 8	9	9	9	9				N
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
9	1	22137-080000	WASHER 8, POLISHED	9	9	9	9				
10	1	124772-01850	COVER	1	1	1	1				
11	1	124770-01861	GASKET	1	1	1	1				
12	1	26116-080202	BOLT M 8X 20 PLATED	4	4	4	4				
13	1	23414-080000	GASKET 8, ROUND	3	3	3	3				
14	1	124772-07300	POINTER	1	1						
15	1	124790-07300	POINTER			1	1				
16	1	26557-060102	SCREW 6X10	2	2	2	2				
17	1	124770-52100	GEAR, PUMP DRIVING	1							
17-1	1	124772-52100	GEAR, PUMP DRIVING	1	1	1	1				S
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
18	1	124770-52110	SHAFT	1	1	1	1				
19	1	24101-062044	BALL BEARING #6204	1	1	1	1				
20	1	22242-000200	CIRCLIP 20	1	1	1	1				
21	1	124770-52120	CLUTCH, ROLLER	1	1	1	1				
21-1	1	124772-52120	CLUTCH, ROLLER	1	1	1	1				N
(A=*1976.12) (B=*1976.12) (C=*1976.12) (D=*1976.12)											
22	1	22252-000470	CIRCLIP 47		1	1	1				
23	1	124770-52150	COVER, GEAR SHAFT	1	1	1	1				
24	1	124240-01881	GASKET, HYD.OIL PUMP	1	1	1	1				
24-1	1	124240-01882	GASKET, HYD.OIL PUMP	1	1	1	1				N
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
25	1	124770-52180	SEAL, OIL	1	1	1	1				
26	1	26116-080252	BOLT M 8X 25 PLATED	4	4	4	4				
27	1	22212-080000	SPRING WASHER 8	4	4	4	4				
27-1	1	22217-080000	SPRING WASHER 8	4	4	4	4				N
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
28	1	124790-01870	COVER			1	1				
29	1	26557-060082	SCREW M 6X 8			2	2				
30	1	724770-09550	TACHOMETER UNIT	1							1
30-1	1	724772-09550	TACHOMETER UNIT	1	1	1	1				S 1
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
30-2	1	724772-09550	TACHOMETER UNIT	1	1						Z 1
(A=E/85657) (B=E/81660)											
31	2	724770-09500	TACHOMETER UNIT	1							
31-1	2	724772-09500	TACHOMETER UNIT	1	1	1	1				S
(A=E/82067) (B=E/82067) (C=E/82067) (D=E/82067)											
31-2	2	724772-09500	TACHOMETER UNIT	1	1						Z
(A=E/85657) (B=E/81660)											
32	3	124770-09010	TACHOMETER UNIT	1	1	1	1				
33	3	122410-61670	SEAL, OIL	1	1	1	1				
34	3	124770-09250	CONNECTOR	1	1	1	1				
35	3	23871-020000	PLUG PT1/4,SCREW	1	1	1	1				

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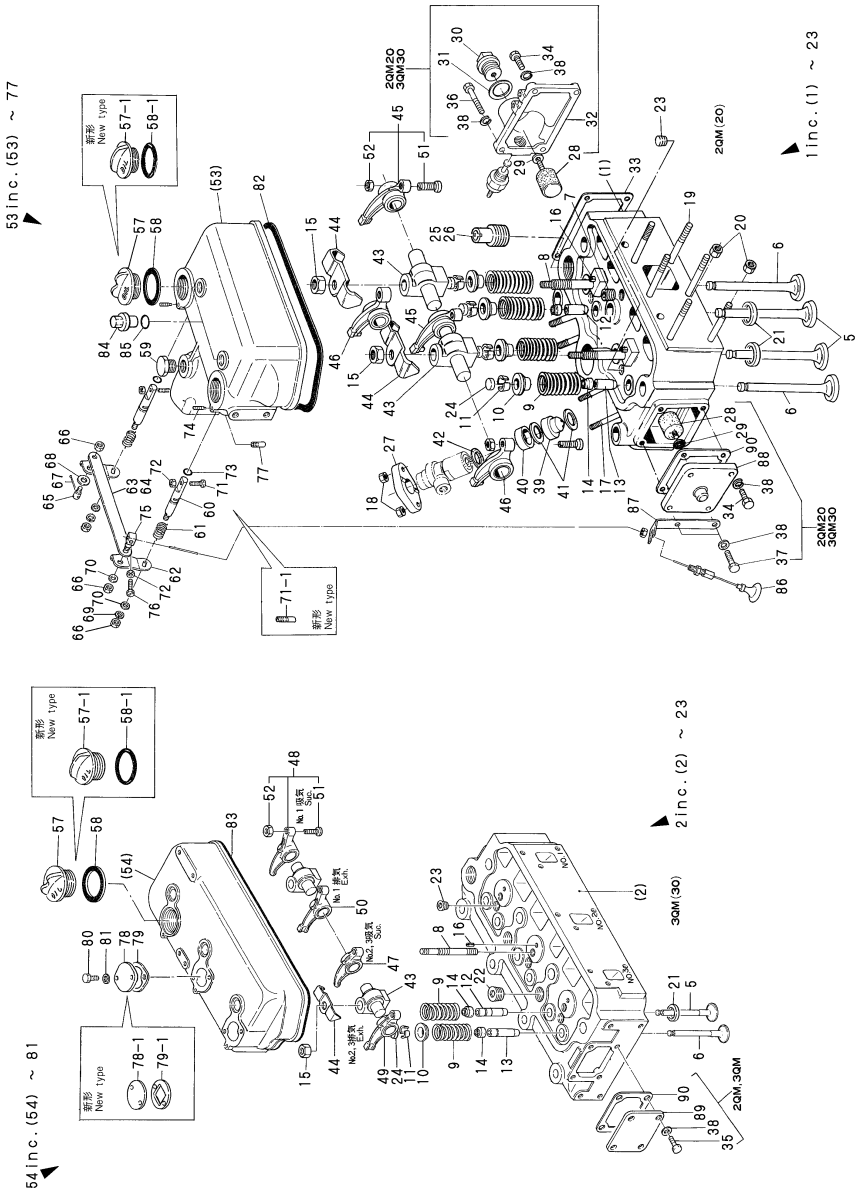
Fig.2.GEAR HOUSING



Remarks
(1)OPTIONAL
(2)REFER TO FIG.20 FOR ILLUSTRATED.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35-1	3	23872-020000	PLUG PT1/4,SCREW	1	1	1	1				N
36	3	124770-09100	SHAFT	1	1	1	1				
37	3	124770-09150	GEAR ASSY	1							
37-1	3	124772-09150	GEAR ASSY	1	1	1	1				S
(A=E/#82067)											
38	3	124770-09200	SHAFT, OUTPUT	1	1	1	1				
39	3	124770-09140	GEAR	1	1	1	1				
40	3	22351-030020	SPRING PIN 3X20	2	2	2	2				
41	2	26226-080652	STUD M 8X 65 PLATED	2	2	2	2				
42	2	26226-080502	STUD M 8X 50 PLATED	2	2	2	2				
43	2	26716-080002	NUT M 8	4	4	4	4				
44	2	22212-080000	SPRING WASHER 8	4	4	4	4				
44-1	2	22217-080000	SPRING WASHER 8	4	4	4	4				N
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
45	2	22137-080000	WASHER 8, POLISHED	4	4	4	4				
46	2	124770-91100	TACHOMETER, ELECTRIC	1	1	1	1				2
47	2	124770-91160	SENDER UNIT	1	1	1	1				2
47-1	2	124770-91161	SENDER UNIT	1	1	1	1				N 2
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											

Fig.3.CYLINDER HEAD



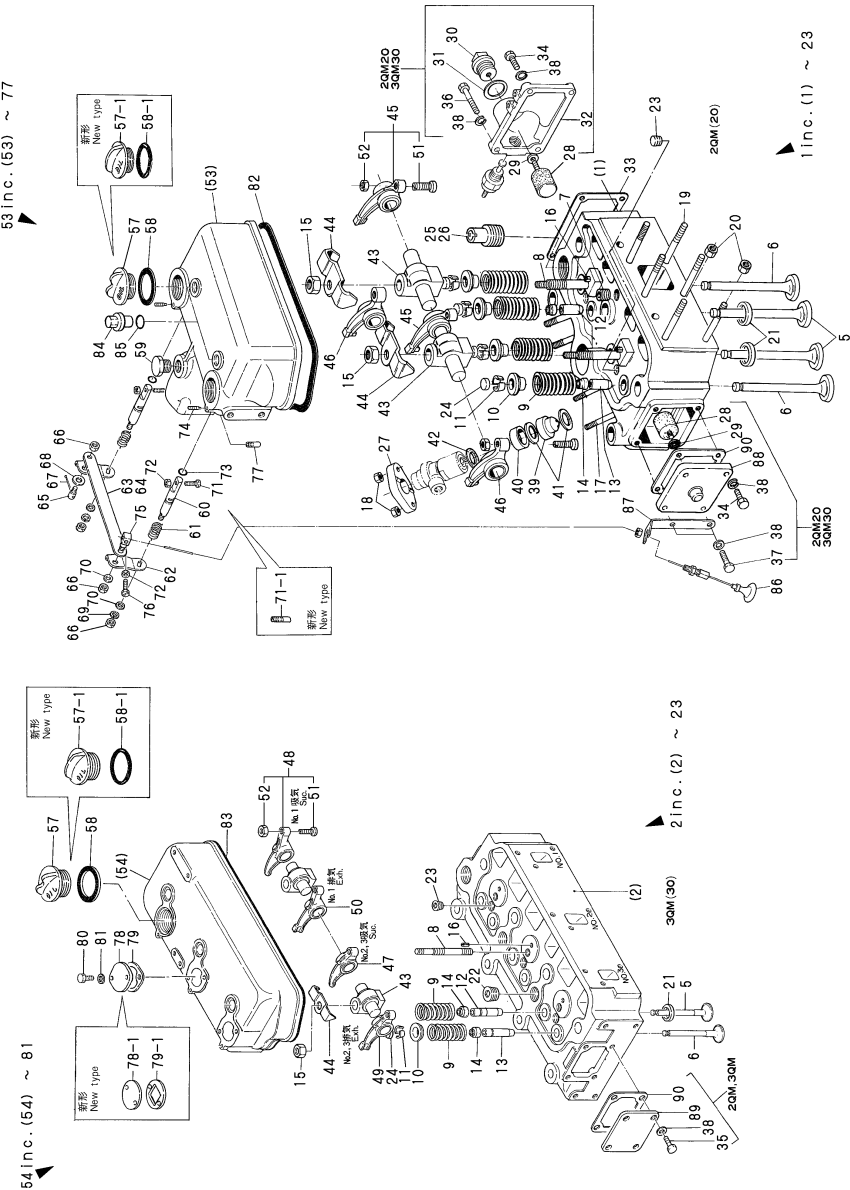
Remarks
(1)INC.55 & 56.
(2)OPTIONAL
(3)2QM & 3QM:OPTIONAL
2QM20 & 3QM30:STANDARD EQUIPPED

Y00R0919 3.CYLINDER HEAD

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724772-11700	HEAD ASSY, CYLINDER	1		1					
2	1	721370-11700	HEAD ASSY, CYLINDER		1		1				
5	2	104600-11100	VALVE, SUCTION	2	3	2	3				
6	2	104600-11110	VALVE, EXHAUST	2	3	2	3				
7	2	124250-11880	PLUG	1		1					
8	2	104700-11350	STUD	2	3	2	3				
9	2	124772-11120	SPRING, VALVE	4	6	4	6				
10	2	103338-11180	RETAINER, SPRING	4	6	4	6				
11	2	103338-11190	COTTER 8	4	6	4	6				
12	2	124450-11160	GUIDE, SUC.VALVE	2	3	2	3				
12-1	2	124450-11161	GUIDE, SUC.VALVE	2	3	2	3				N
(A=*1978.11) (B=*1978.11) (C=*1978.11) (D=*1978.11)											
13	2	124450-11170	GUIDE, EXH.VALVE	2	3	2	3				
13-1	2	124450-11171	GUIDE, EXH.VALVE	2	3	2	3				N
(A=*1978.11) (B=*1978.11) (C=*1978.11) (D=*1978.11)											
14	2	124770-11340	SEAL, VALVE STEM	4	6	4	6				
15	2	124460-11270	NUT M12	2	3	2	3				
16	2	22351-060014	SPRING PIN 6X14	2	3	2	3				
17	2	26216-080602	STUD M 8X 60 PLATED	4		4					
17A	2	26216-080502	STUD M 8X 50 PLATED		6		6				
18	2	26716-080002	NUT M 8	4	6	4	6				
19	2	26213-081002	STUD M 8X100	6	6	6	6				
20	2	26713-080002	NUT, 8	6	6	6	6				
21	2	121370-11080	SEAT, SUCTION VALVE	2	3	2	2				
22	2	124060-11510	PLUG PT1/2		2		2				
23	2	121250-11520	PLUG PT1/4	2	3	2	3				
24	1	104511-11370	CAP, VALVE	1	1						
25	1	121370-11750	JOINT	1	1						
26	1	134790-49600	JOINT			1	1				
27	1	173400-11900	FLANGE	2	3	2	3				
28	1	27210-200300	ZINC, ANTI-CORROSIVE	2	2						
29	1	123210-09310	PACKING	2	2						
30	1	124220-09320	PLUG	1	1						
31	1	23414-250000	GASKET 25,ROUND	1	1						
32	1	124770-11650	COVER	1	1						
33	1	124450-44410	GASKET	1	1						
34	1	26116-080222	BOLT M 8X 22 PLATED	4	4						
35	1	26116-080142	BOLT 8X14			4	4				
36	1	26116-080402	BOLT M 8X 40 PLATED	2	2						
37	1	26116-080252	BOLT M 8X 25 PLATED	2	2						
38	1	22212-080000	SPRING WASHER 8	8	8	4	4				
38-1	1	22217-080000	SPRING WASHER 8	8	8	4	4				N
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
39	1	124770-11420	CHAMBER, FRONT	2	3	2	3				
40	1	104900-11410	CHAMBER, REAR	2	3	2	3				
41	1	104900-11450	GASKET, CHAMBER	4	6	4	6				
42	1	103854-11490	INSULATOR	2	3	2	3				
43	1	124772-11250	SUPPORT, ROCKER ARM	2	3	2	3				
44	1	124450-11290	RETAINER	2	3	2	3				
45	1	724450-11650	ARM ASSY, ROCKER	2		2					1
46	1	724450-11660	ARM ASSY, ROCKER	2		2					1
47	1	721250-11650	ARM ASSY, ROCKER		2		2				1
48	1	721250-11680	ARM ASSY, ROCKER		1		1				1
49	1	721250-11660	ARM ASSY, ROCKER		2		2				1

++ CONTINUE ++

Fig.3.CYLINDER HEAD



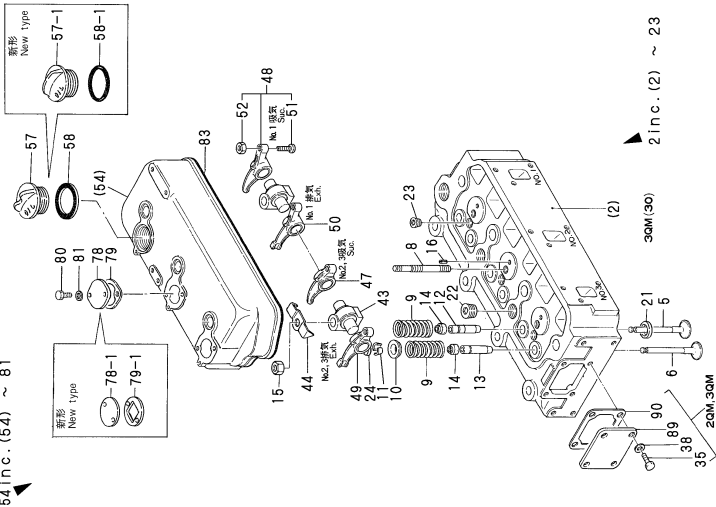
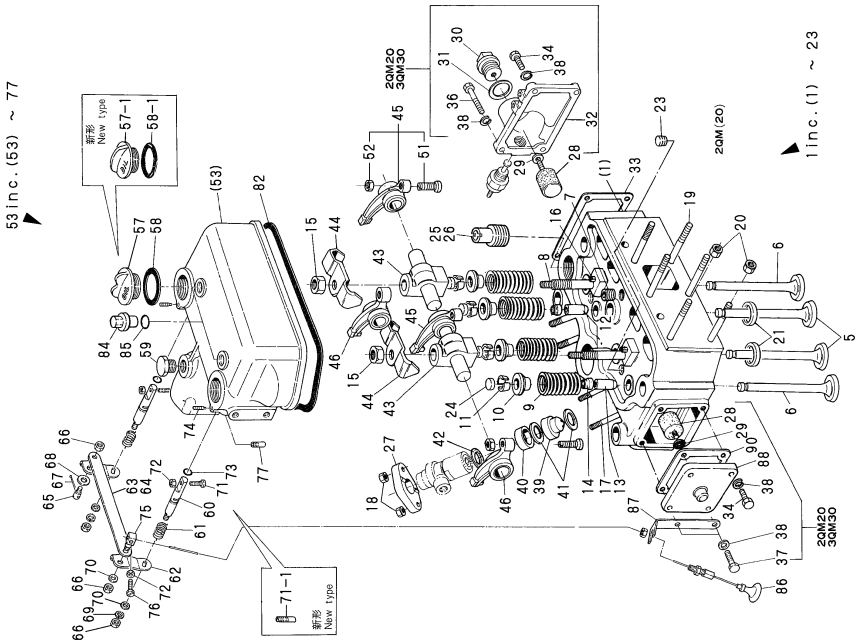
Remarks
(1)INC.55 & 56.
(2)OPTIONAL
(3)2QM & 3QM:OPTIONAL
2QM20 & 3QM30:STANDARD EQUIPPED

Y00R0919 3.CYLINDER HEAD

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	1	721250-11670	ARM ASSY, ROCKER		1		1				1
51	2	101158-11230	SCREW, VALVE	4	6	4	6				
52	2	26756-080002	LOCK NUT M 8 PLATED	4	6	4	6				
53	1	724772-11520	BONNET ASSY, HEAD	1		1					
53-1	1	724772-11521	BONNET ASSY, HEAD	1		1					N
		(A=E/#84766)	(C=E/#81551)								
54	1	721370-11520	BONNET ASSY, HEAD		1		1				
54-1	1	721370-11521	BONNET ASSY, HEAD		1		1				N
		(B=E/#81446)	(D=E/#81621)								
57	2	101104-01750	CAP	2	1	2	1				
57-1	2	124160-01750	CAP	2	1	2	1				S
		(A=E/#84766)	(B=E/#81446)	(C=E/#81551)	(D=E/#81621)						
57-2	2	124160-01751	COVER,FILLER	2	1	2	1				N
		(A=E/XXX)	(B=E/XXX)	(C=E/XXX)	(D=E/XXX)						
58	2	101104-01760	GASKET, CAP	2	1	2	1				
58-1	2	24321-000350	O-RING 1A G-35.0	2	1	2	1				S
		(A=E/#84766)	(B=E/#81446)	(C=E/#81551)	(D=E/#81621)						
59	2	124450-11320	PLUG U7/8	1		1					
60	2	124770-03600	SHAFT, DECOMPRESSION	2	3	2	3				
61	2	104200-03641	SPRING,DECOMPRESSION	2	3	2	3				
62	2	124770-03610	LEVER, DECOMPRESSION	2	3	2	3				
63	2	124770-03680	CONNECTOR	1		1					
64	2	121370-03680	CONNECTOR		1		1				
65	2	124770-03690	PIN	1	2	1	2				
66	2	26757-060002	NUT 6	4	6	4	6				
67	2	22360-080000	SNAP PIN 8	1	2	1	2				
68	2	22137-080000	WASHER 8, POLISHED	1	2	1	2				
69	2	22212-060000	SPRING WASHER 6	2		2					
69-1	2	22217-060000	SPRING WASHER 6	2		2					N
		(A=E/XXX)	(B=E/XXX)	(C=E/XXX)	(D=E/XXX)						
70	2	22137-060000	WASHER 6, POLISHED	3	3	3	3				
71	2	124250-03630	SCREW, DECOMP	2	3	2	3				
71-1	2	120220-03660	SCREW	2	3	2	3				N
		(A=E/#84915)	(B=E/#81384)	(C=E/#81653)	(D=E/#81520)						
72	2	26756-050002	LOCK NUT M 5 PLATED	3	4	3	4				
73	2	24311-000070	O-RING 1A P-7.0	2	3	2	3				
74	2	124250-03640	SCREW, STOP	2	3	2	3				
75	2	124770-03710	FITTINGS	1	1	1	1				
76	2	26113-050128	BOLT M 5X 12	1	1	1	1				
77	2	124770-11770	JOINT PT1/8	1		1					
78	2	121370-11320	COVER		2		2				
78-1	2	124460-03650	COVER		2		2				S
		(B=E/#81446)	(D=E/#81621)								
79	2	121370-11331	GASKET		2		2				
79-1	2	124460-03662	GASKET		2		2				S
		(B=E/#81446)	(D=E/#81621)								
79-2	2	124460-03663	GASKET		2		2				N
		(B=E/XXX)	(D=E/XXX)								
80	2	26116-060142	BOLT M 6X 14		4		4				
81	2	22212-060000	SPRING WASHER 6		4		4				
81-1	2	22217-060000	SPRING WASHER 6		4		4				N
		(B=E/XXX)	(D=E/XXX)								
82	1	124450-11310	GASKET, BONNET	1		1					
83	1	121370-11310	GASKET, BONNET		1		1				

++ CONTINUE ++

Fig.3.CYLINDER HEAD



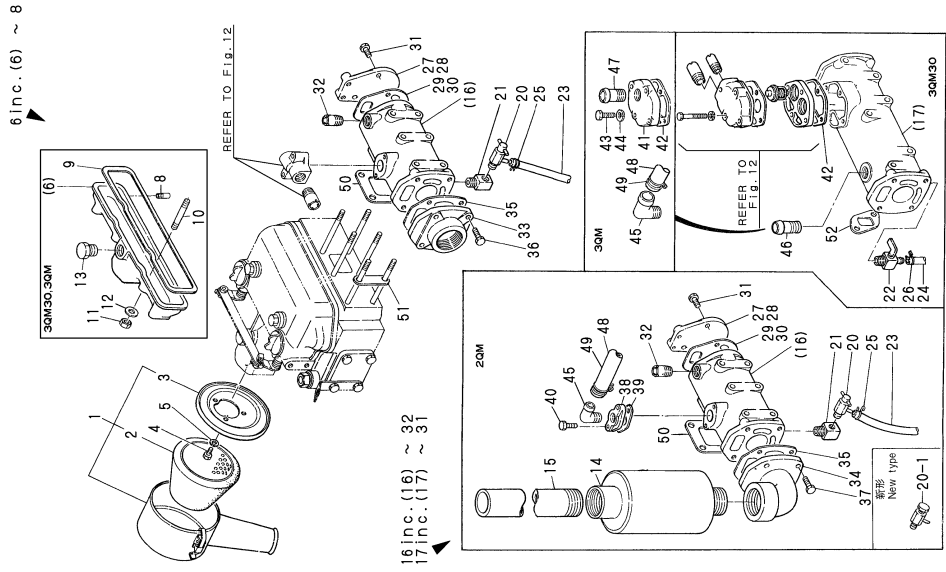
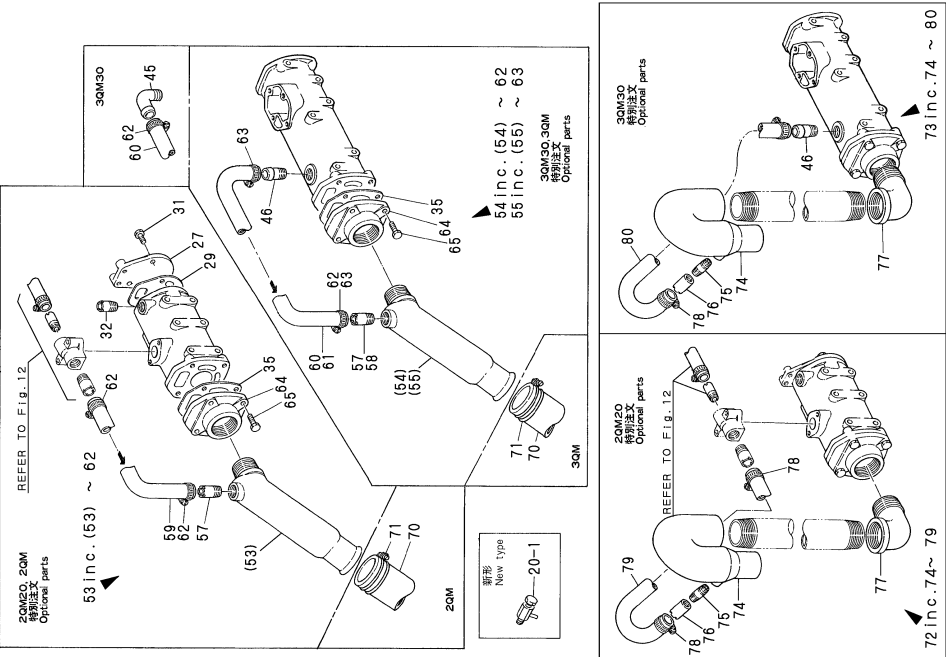
Remarks
(1)INC.55 & 56.
(2)OPTIONAL
(3)2QM & 3QM:OPTIONAL
2QM20 & 3QM30:STANDARD EQUIPPED

Y00R0919 3.CYLINDER HEAD

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
84	1	124460-11360	CAP	2	3	2	3				
85	1	24311-000140	O-RING 1A P-14.0	2	3	2	3				
86	1	104214-03700	CABLE,REMO-CON.	1	1	1	1				2
87	1	124770-03720	BRACKET	1	1	1	1				3
88	1	124770-11670	COVER	1	1						
89	1	124450-11671	COVER, SIDE				1	1			
90	1	124450-11681	GASKET	1	1	1	1				

Fig.4.SILENCER & EXHAUST MANIFOLD



Remarks
(1)NOT ILLUSTRATED.

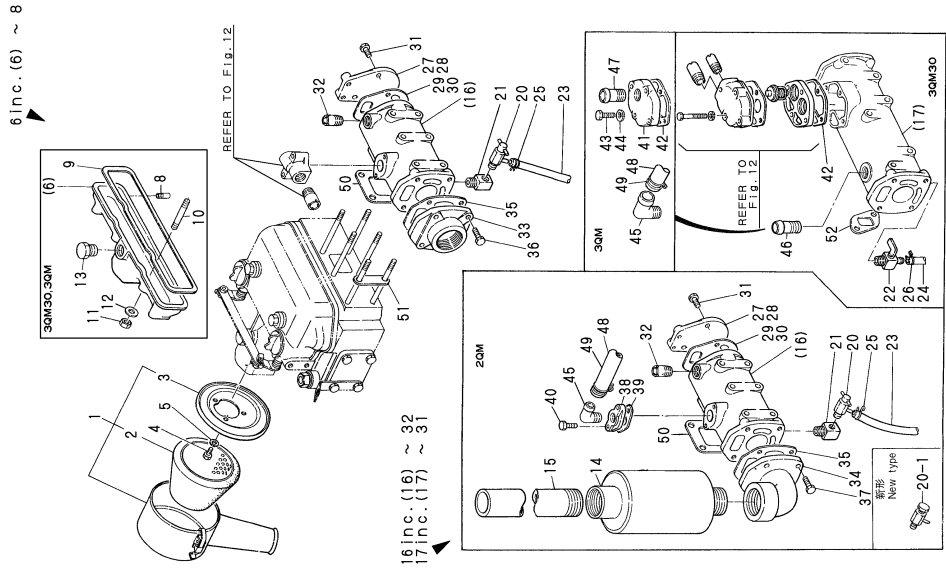
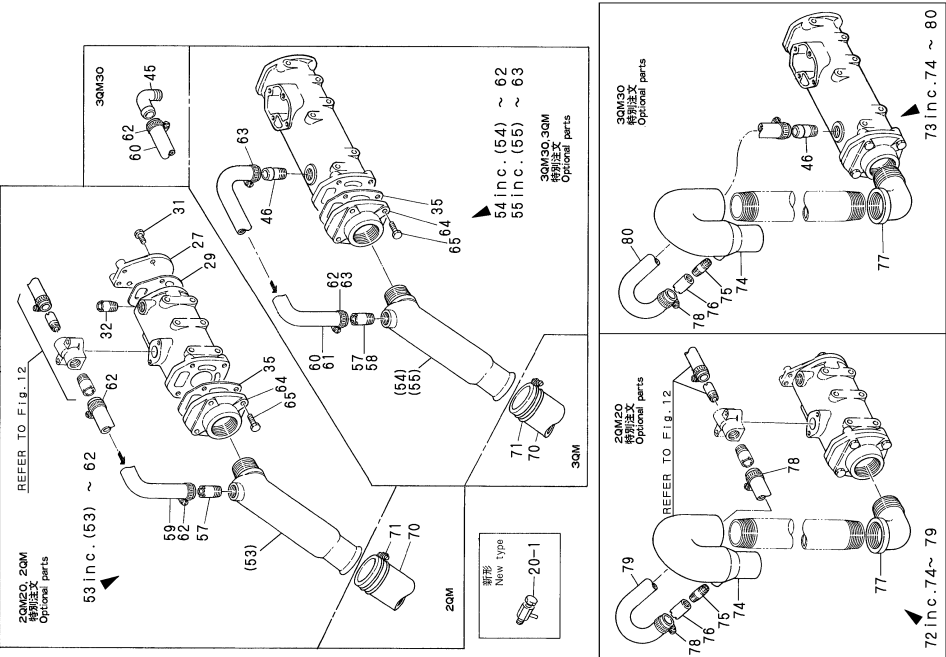
Y00R0919 4.SILENCER & EXHAUST MANIFOLD

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-12500	SILENCER, AIR INTAKE	1	1	1	1				
2	1	124770-12540	ELEMENT, CLEANER	1	1	1	1				
3	1	124770-12530	PLATE	1	1	1	1				
4	1	26117-060149	BOLT M 6X 14 PLATED	3	3	3	3				
5	1	22212-060000	SPRING WASHER 6	3	3	3	3				
5-1	1	22217-060000	SPRING WASHER 6	3	3	3	3				N
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
6	1	121370-12730	MANIFOLD, AIR INTAKE				1		1		
8	2	124770-11770	JOINT PT1/8				1		1		
9	1	121250-12710	GASKET, INT.MANIFOLD				1		1		
10	1	121250-11550	BOLT, INT.MANIFOLD				2		2		
11	1	26716-080002	NUT M 8				2		2		
12	1	22137-080000	WASHER 8, POLISHED				2		2		
13	1	124450-11320	PLUG U7/8				1		1		
14	1	120220-13510	SILENCER, EXHAUST				1		1		
15	1	120220-13010	PIPE, EXHAUST				1		1		
16	1	724772-13500	MANIFOLD ASSY, EXH.	1			1		1		
17	1	721370-13500	MANIFOLD ASSY, EXH.				1		1		
20	2	43600-001200	SEE 43600-500290	1			1		1		
20-1	2	43600-500290	COCK 1/4	1			1		1		N
(A=EXXX) (C=EXXX)											
21	2	124772-13410	JOINT	1			1		1		
22	2	104200-11920	COCK				1		1		
23	2	23061-070500	PIPE 7X 500	1			1		1		
24	2	23061-100500	PIPE 10X 500				1		1		
25	2	124450-44560	CLAMP	1			1		1		
25-1	2	124460-77680	RETAINER	1			1		1		N
(A=*1976.12) (C=*1976.12)											
26	2	124223-49750	BAND				1		1		
27	2	124772-13160	COVER	1			1		1		
28	2	121370-13160	COVER				1		1		
29	2	124770-13180	GASKET	1			1		1		
30	2	124770-13170	GASKET				1		1		
31	2	26113-080222	BOLT M 8X 22	4			4		4		
32	2	124223-49300	JOINT, PIPE	1			1		1		
33	1	124770-13150	CONNECTOR, EXHAUST	1			1		1		
34	1	124223-13070	ELBOW, EXHAUST				1		1		
35	1	124770-13170	GASKET	1			1		1		
36	1	26113-080282	BOLT M 8X 28	4			4		4		
37	1	26113-080222	BOLT M 8X 22				4		4		
38	1	124790-49250	FLANGE				1		1		
39	1	104211-49160	PACKING				1		1		
40	1	26116-060182	BOLT M 6X 18				2		2		
41	1	121390-13250	COVER						1		
42	1	121370-49160	PACKING						1		
43	1	26116-060252	BOLT 6X25						4		
44	1	22212-060000	SPRING WASHER 6						4		
44-1	1	22217-060000	SPRING WASHER 6						4		N
(D=EXXX)											
45	1	124790-49290	ELBOW (PT1/2)				1		1		
46	1	124770-13690	JOINT 1/2, PIPE				1		1		
47	1	123325-49220	JOINT, PIPE						1		
48	1	23093-191000	PIPE 19X1000				1		1		
49	1	23000-035000	CLAMP 35				2		2		

++ CONTINUE ++

Fig.4.SILENCER & EXHAUST MANIFOLD



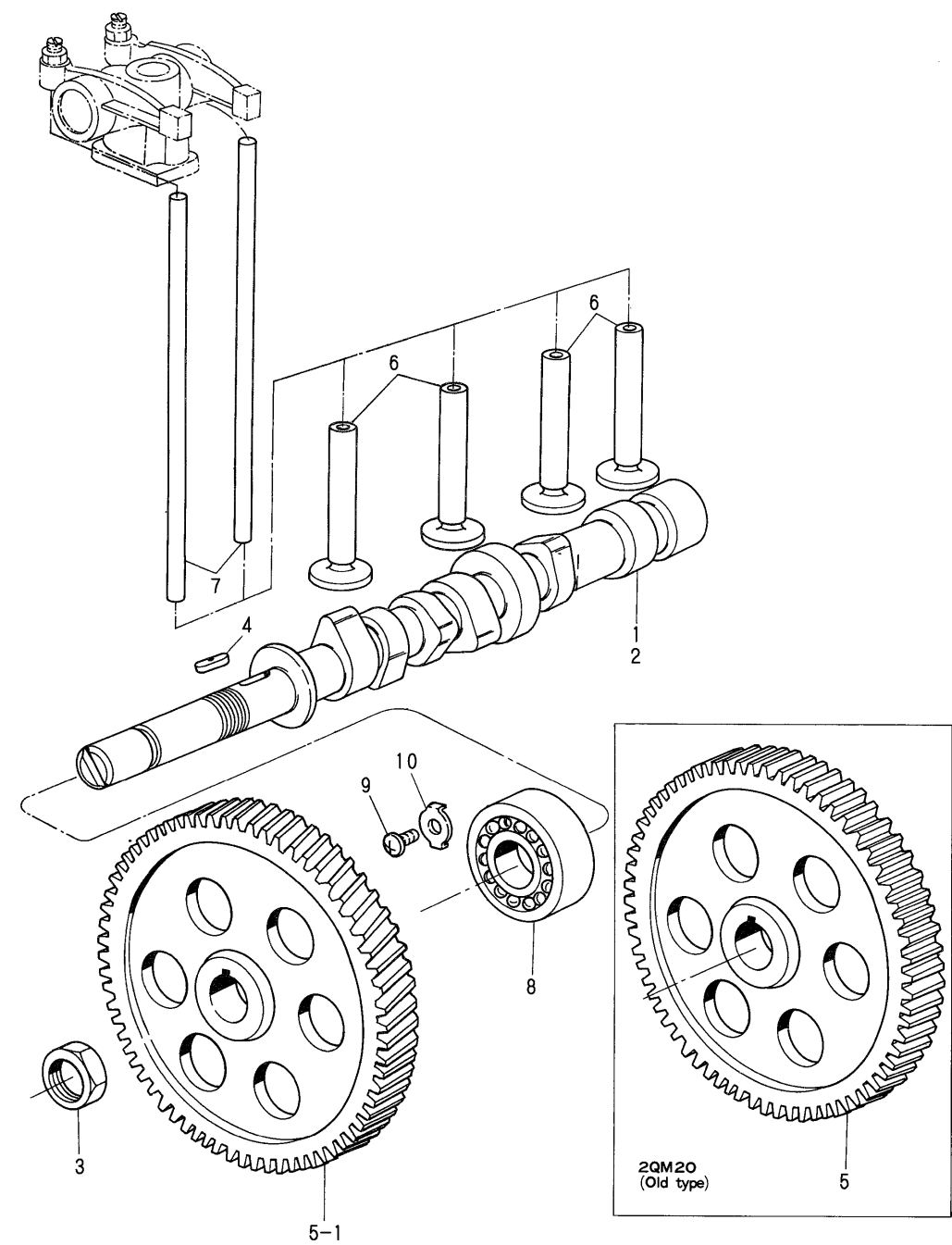
Remarks
(1)NOT ILLUSTRATED.

Y00R0919 4.SILENCER & EXHAUST MANIFOLD

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

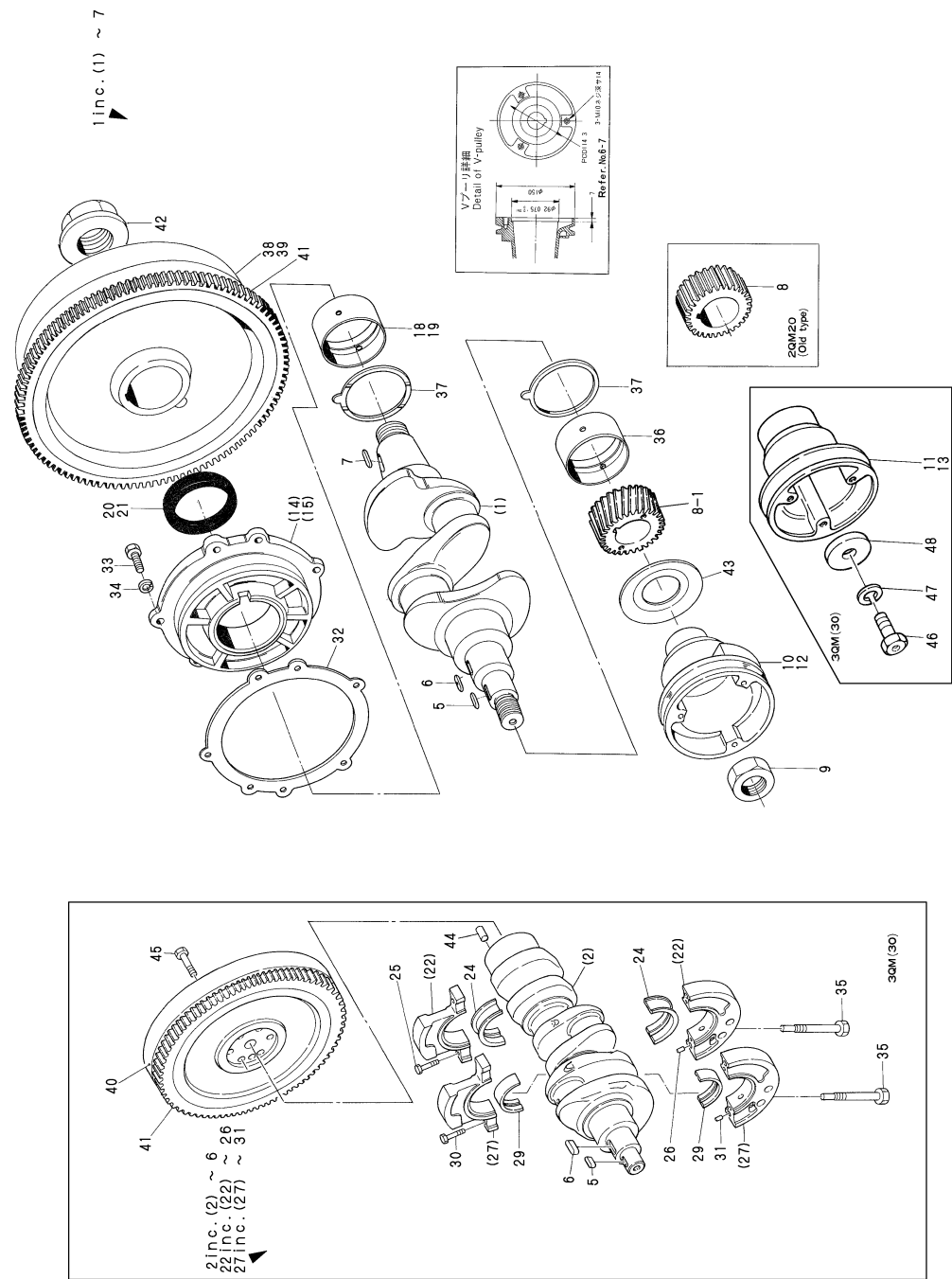
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	1	124450-11900	GASKET	1	1						
51	1	124770-13130	GASKET	1	1						
52	1	121250-13520	GASKET, EXH.MANIFOLD		3		3				
53	1	724770-13200	MIXINGELBOW ASSY	1	1						
54	1	721370-13200	MIXINGELBOW ASSY		1						
55	1	721390-13200	MIXINGELBOW ASSY					1			
57	2	124770-13690	JOINT 1/2, PIPE	1	1	1					
58	2	123325-49220	JOINT, PIPE					1			
59	2	124770-49040	PIPE, COOLING WATER	1	1						
60	2	121370-49040	PIPE, COOLING WATER		1						
61	2	121390-49040	PIPE, COOLING WATER					1			
62	2	23000-025000	CLAMP 25	2	2	2					
63	2	23000-035000	CLAMP 35					2			
64	1	124770-13150	CONNECTOR, EXHAUST			1	1				
65	1	26113-080282	BOLT M 8X 28			4	4				
66	1	124790-49260	FLANGE			1					1
67	1	26116-060352	BOLT M 6X 35 PLATED			2					1
68	1	124223-49300	JOINT, PIPE			1					1
69	1	123325-49220	JOINT, PIPE					1			1
70	1	23072-204000	HOSE (51/62X4000)			1	1				
71	1	23000-070000	CLAMP 70			2	2				
72	1	724770-13300	ELBOW ASSY (U-TYPE)	1							
73	1	721370-13300	ELBOW ASSY (U-TYPE)		1						
74	2	124770-13550	ELBOW, MIXING	1	1						
75	3	124770-49100	JOINT, PIPE	1	1						
76	3	124770-49110	CONNECTOR	1	1						
77	2	23112-140000	STREET ELBOW PT1+1/2	1	1						
78	2	23000-025000	CLAMP 25	2	2						
79	2	124770-49050	PIPE, COOLING WATER	1							
80	2	121370-49050	PIPE, COOLING WATER		1						

Fig.5.CAMSHAFT



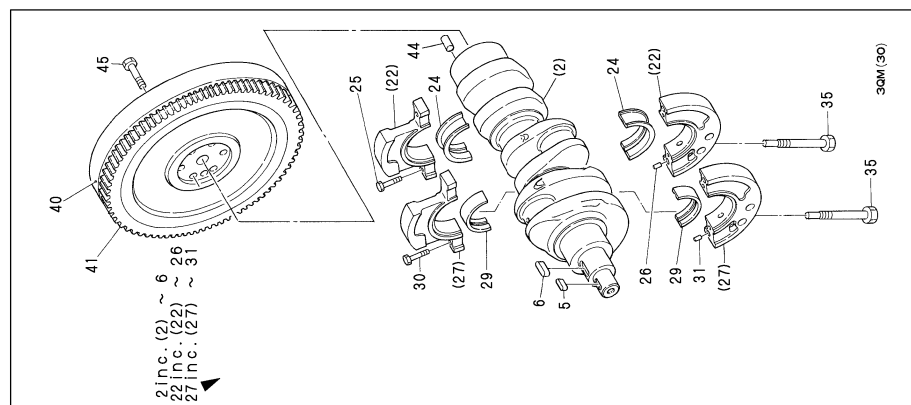
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124465-14010	CAMSHAFT	1	1						
1-1	1	724465-14580	CAMSHAFT ASSY	1	1					N	
(A=FROM 1ST) (C=FROM 1ST)											
2	1	121250-14010	CAMSHAFT		1		1				
2-1	1	721250-14580	CAMSHAFT ASSY		1		1			N	
(B=FROM 1ST) (D=FROM 1ST)											
3	2	124450-14120	NUT	1	1	1	1				
4	2	22512-070180	KEY 7X 18	1	1	1	1				
5	1	124450-14100	GEAR, CAMSHAFT	1							
5-1	1	121250-14100	GEAR, CAMSHAFT	1	1	1	1			S	
6	1	103338-14200	TAPPET	4	6	4	6				
7	1	124450-14400	ROD, PUSH	4	6	4	6				
8	1	24101-062064	BALL BEARING	1	1	1	1				
9	1	26587-080122	SCREW M 8X 12	1	1	1	1				
10	1	121250-02450	RETAINER	1	1	1	1				

Fig.6.MAIN METAL & CRANKSHAFT

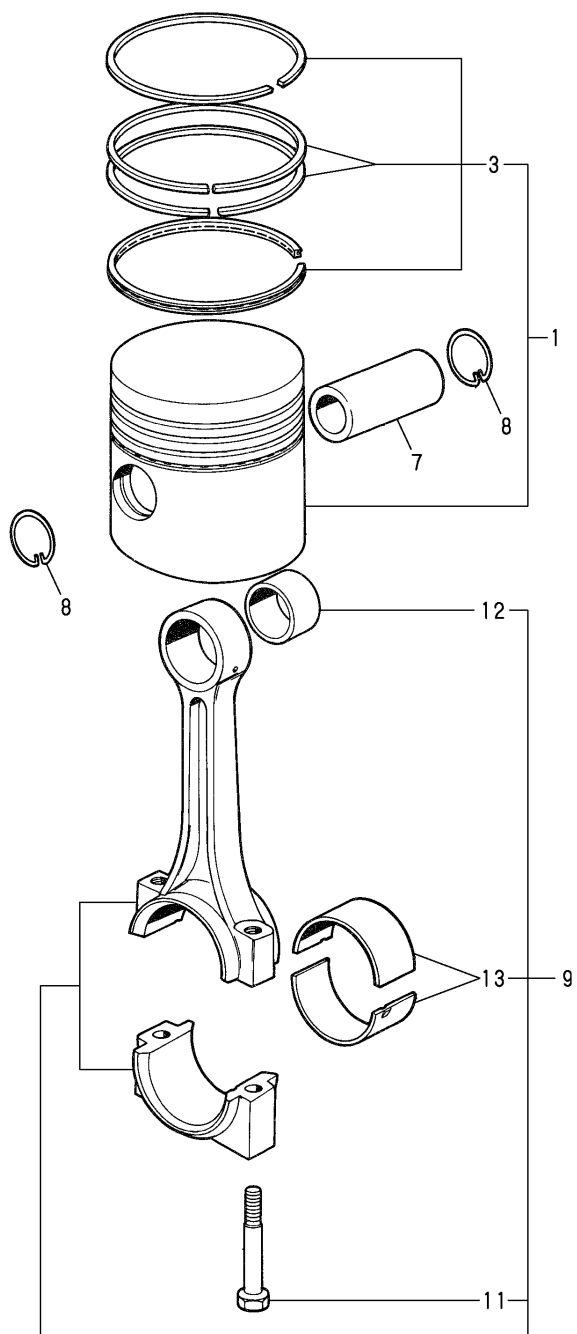


REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724550-21701	CRANKSHAFT ASSY	1		1					
1-1	1	724450-21702	CRANKSHAFT ASSY	1		1					N
(A=E/#84365)		(C=E/#81201)									
2	1	721250-21700	CRANKSHAFT ASSY			1		1			
5	2	22512-070240	KEY 7X 24	1	1	1	1				
6	2	22512-070280	KEY 7X 28	1	1	1	1				
7	2	22512-100360	KEY 10X 36	1		1					
8	1	124450-21200	GEAR, CRANKSHAFT	1							
8-1	1	121250-21200	GEAR, CRANKSHAFT	1	1	1	1				S
(A=E/#82067)											
9	1	124160-21670	NUT M30	1		1					
10	1	124772-21650	V-PULLEY	1							
10-1	1	124772-21651	V-PULLEY	1							N
(A=EXXX)											
11	1	121370-21651	V-PULLEY		1						
12	1	124790-21650	V-PULLEY			1					
12-1	1	124790-21651	V-PULLEY			1					N
		(C=EXXX)									
13	1	121390-21650	V-PULLEY					1			
14	1	724465-02500	HOUSING ASSY, BEARING	1		1					
15	1	721250-02500	HOUSING ASSY		1		1				
18	2	121250-02100	MAIN METAL	1		1					
19	2	121250-02110	MAIN METAL		1		1				
20	2	124450-02220	SEAL, OIL	1		1					
21	2	121250-02220	SEAL, OIL		1		1				
22	1	721250-02610	HOUSING ASSY, METAL		1		1				
24	2	121250-01220	MAIN METAL		1		1				
25	2	26116-100501	BOLT M10X 50 PLATED		2		2				
26	2	22312-060140	PARALLEL PIN 6X14		2		2				
27	1	721250-02620	HOUSING ASSY, METAL		1		1				
29	2	121250-02130	MAIN METAL		1		1				
30	2	26116-100501	BOLT M10X 50 PLATED		2		2				
31	2	22312-060140	PARALLEL PIN 6X14		2		2				
32	1	124460-02150	GASKET	1	1	1	1				
33	1	26116-100252	BOLT M10X 25 PLATED	5	5	5	5				
34	1	22217-100000	SPRING WASHER 10	5	5	5	5				
34-1	1	22217-100000	SPRING WASHER 10	5	5	5	5				N
(A=EXXX)		(B=EXXX)	(C=EXXX)	(D=EXXX)							
35	1	121250-02300	BOLT		2		2				
36	1	121250-02100	MAIN METAL	1	1	1	1				
37	1	124450-02110	BEARING THRUST	2		2					
38	1	124770-21590	FLYWHEEL W/RING GEAR	1							
38-1	1	124770-21591	FLYWHEEL W/RING GEAR	1							N
(A=EXXX)											
39	1	124790-21590	FLYWHEEL W/RING GEAR			1					
39-1	1	124790-21591	FLYWHEEL W/RING GEAR			1					N
		(C=EXXX)									
40	1	121370-21591	FLYWHEEL W/RING GEAR		1		1				
41	1	124550-21600	RING GEAR	1	1	1	1				
42	1	124450-21530	END NUT	1		1					
43	1	124160-21700	DISC, OIL SHIELD	1	1	1	1				
44	1	124227-21920	PARALLEL PIN		1		1				
45	1	124250-21501	BOLT, REAMER		6		6				
46	1	121370-21680	BOLT		1		1				

++ CONTINUE ++



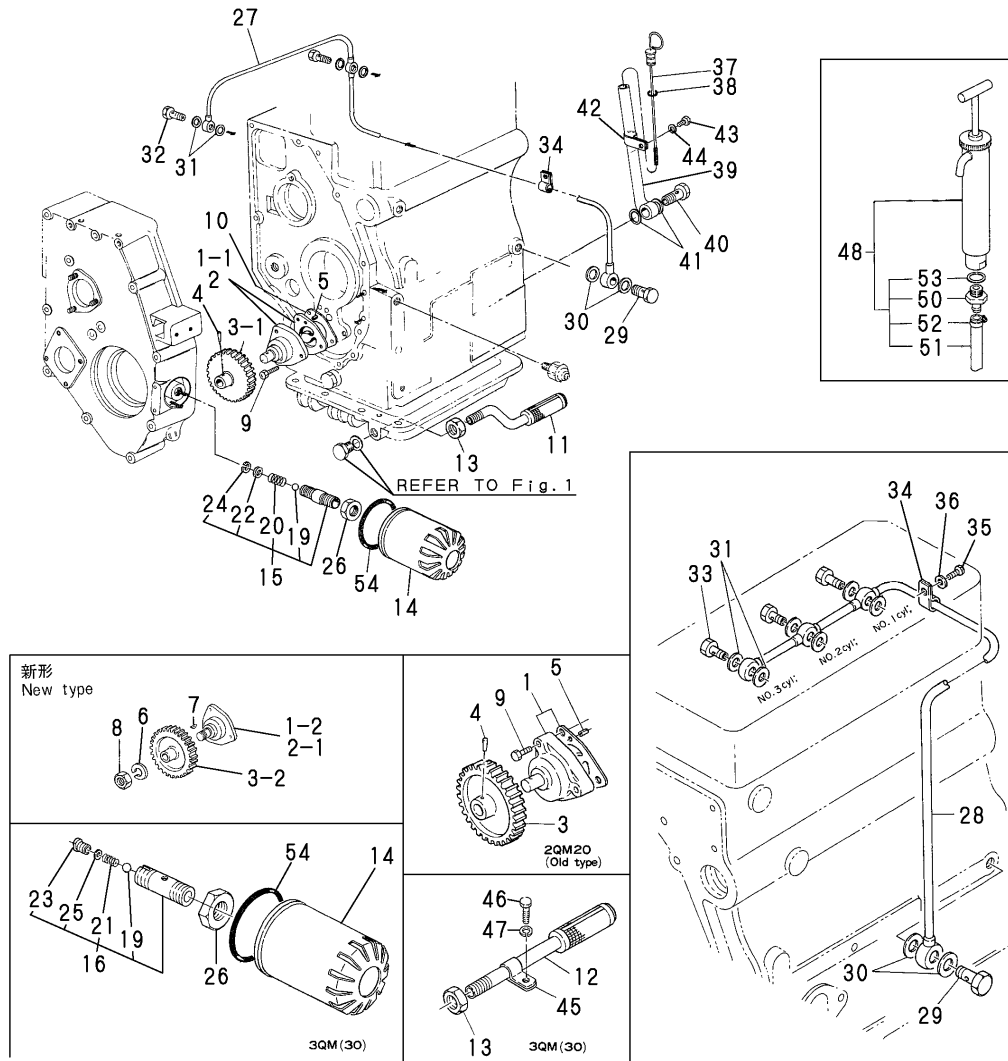
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	1	22212-120000	SPRING WASHER 12		1		1				
47-1	1	22217-120000	SPRING WASHER		1		1				N
		(B=EXXX)	(D=EXXX)								
48	1	124060-21660	WASHER		1		1				



Y00R0919 7.PISTON & CONNECTING ROD

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124750-22090	PISTON W/RINGS	2	3	2	3				
1-1	1	724790-22720	PISTON W/RINGS	2	3	2	3			N	
		(A=*1978.03)	(B=*1978.03)	(C=*1978.03)	(D=*1978.03)						
3	2	724750-22500	RING SET	2	3	2	3				
3-1	2	724790-22500	RING SET	2	3	2	3			N	
		(A=*1978.03)	(B=*1978.03)	(C=*1978.03)	(D=*1978.03)						
7	1	104600-22300	PIN, PISTON	2	3	2	3				
8	1	104600-22400	CIRCLIP	4	6	4	6				
9	1	724450-23100	ROD ASSY, CONNECTING	2	3	2	3				
11	2	124450-23200	BOLT, ROD	4	6	4	6				
12	2	124450-23100	BUSH, PISTON PIN	2	3	2	3				
13	2	124450-23300	METAL, CRANK PIN	2	3	2	3				

Fig.8.LUB.OIL SYSTEM



Remarks
(1)OPTIONAL

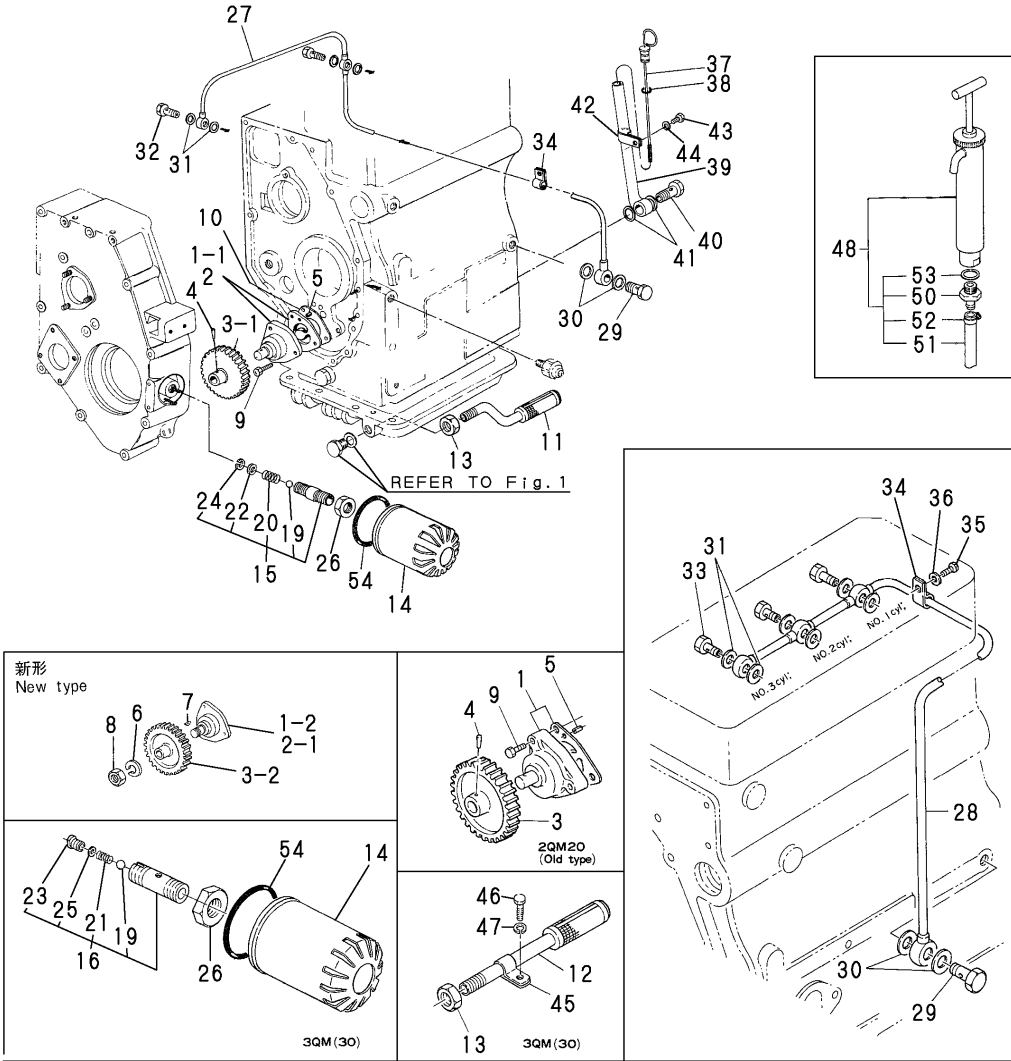
(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724450-32700	PUMP ASSY, LUB. OIL	1							
1-1	1	724772-32700	PUMP ASSY, LUB. OIL	1		1					S
(A=E##82066)											
1-2	1	724790-32101	PUMP ASSY, LUB. OIL	1		1					N
(A=E##87435)			(C=E##82677)								
2	1	721250-32700	PUMP ASSY, LUB. OIL		1		1				
2-1	1	121390-32001	PUMP ASSY, LUB. OIL		1		1				N
		(B=EXXX)	(C=EXXX)								
3	2	124450-32200	GEAR, LUB OIL PUMP	1							
3-1	2	121250-32201	GEAR	1	1	1	1				S
(A=E##82067)											
3-2	2	121390-32200	GEAR, LUB. OIL PUMP	1	1	1	1				S
(A=E##84439)		(B=E##81149)	(C=E##81289)	(D=E##81193)							
4	2	22322-030220	TAPER PIN 3X22	1	1	1	1				Z
(A=*1979.07)		(B=*1979.07)	(C=*1979.07)	(D=*1979.07)							
5	2	22351-040012	SPRING PIN 4X12	1	1	1	1				Z
(A=*1979.07)		(B=*1979.07)	(C=*1979.07)	(D=*1979.07)							
6	2	22212-080000	SPRING WASHER 8	1	1	1	1				
7	2	22522-030100	WOODRUFF KEY 3X10	1	1	1	1				
8	2	26716-080002	NUT M 8	1	1	1	1				
9	2	26117-060229	BOLT M 6X 22	3	3	3	3				
10	2	124450-32020	GASKET	1	1	1	1				
11	2	124772-35060	PIPE, OIL INLET	1		1					
12	2	121370-35061	PIPE, OIL INLET		1		1				
13	2	124450-35070	NUT PF1/4	1	1	1	1				
14	1	124550-35110	ELEMENT, LUB. OIL	1	1	1	1				
15	1	124450-35301	VALVE ASSY, CONTROL	1		1					
16	1	121250-35300	VALVE ASSY, CONTROL		1		1				
19	2	24190-100001	BALL 5/16, STEEL	1	1	1	1				
20	2	124450-35320	SPRING	1		1					
21	2	121250-35320	SPRING		1		1				
22	2	124450-35330	RETAINER	1		1					
23	2	121250-35330	RETAINER		1		1				
24	2	22252-000100	CIRCLIP 10	1		1					
25	2	121250-35340	SHIM		1		1				
26	1	124450-35350	NUT	1	1	1	1				
27	1	124465-39200	PIPE, LUB OIL	1		1					
28	1	121250-39200	PIPE, LUB OIL		1		1				
28-1	1	121252-39200	PIPE ASSY, LUB. OIL		1		1				R
		(B=*1979.03)	(D=*1979.03)								
29	1	124160-39140	BOLT 10, PIPE JOINT	1	1	1	1				
30	1	23414-100000	GASKET 10, ROUND	2	2	2	2				
31	1	23414-080000	GASKET 8, ROUND	4	6	4	6				
32	1	124550-59820	BOLT 8, PIPE JOINT	2		2					
33	1	101147-59810	BOLT 8, PIPE JOINT		3		3				
34	1	124450-39240	RETAINER, PIPE	1	1	1	1				
35	1	26557-080102	SCREW M 8X 10		1		1				
36	1	22137-080000	WASHER 8, POLISHED		1		1				
37	1	124770-34800	DIPSTICK, LUB. OIL	1	1	1	1				
38	1	24311-000090	O-RING 1A P-9.0	1	1	1	1				
39	1	124770-34710	PIPE, DIPSTICK	1	1	1	1				
40	1	124770-34720	BOLT, PIPE JOINT	1	1	1	1				
41	1	124770-34730	GASKET	2	2	2	2				
42	1	124770-34750	RETAINER, PIPE	1	1	1	1				

++ CONTINUE ++

Fig.8.LUB.OIL SYSTEM



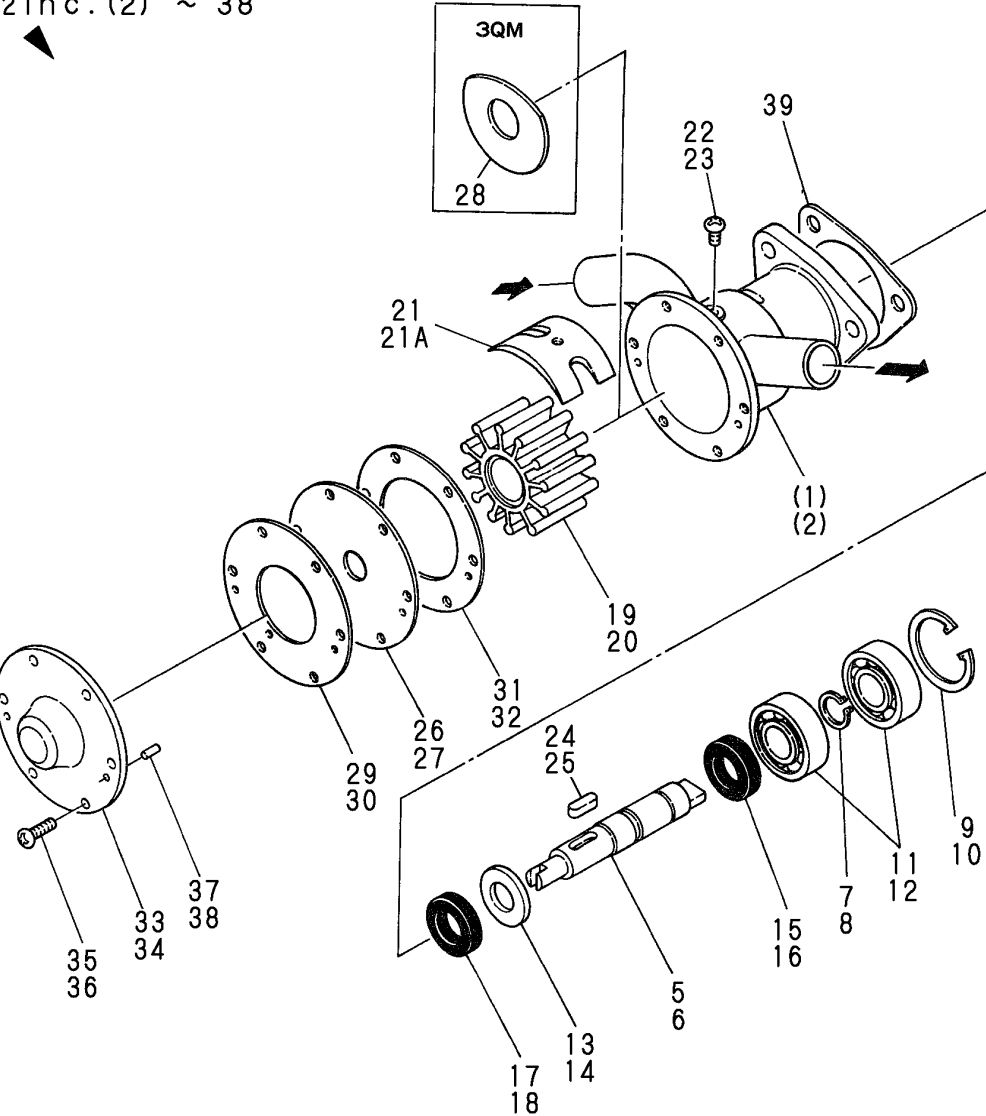
(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
43	1	26117-080149	BOLT M 8X 14 PLATED	1	1	1	1				
44	1	22212-080000	SPRING WASHER 8	1	1	1	1				
44-1	1	22217-080000	SPRING WASHER 8	1	1	1	1			N	
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
45	1	121370-35080	RETAINER, PIPE		1		1				
46	1	26116-060142	BOLT M 6X 14		1		1				
47	1	22212-060000	SPRING WASHER 6		1		1				
47-1	1	22217-060000	SPRING WASHER 6		1		1			N	
(B=EXXX) (D=EXXX)											
48	1	724772-39500	PUMP ASSY, WASTE	1	1	1	1				1
50	2	104214-39650	JOINT, PIPE	1	1	1	1				
51	2	124772-39950	PIPE	1	1	1	1				
52	2	23010-012000	CLAMP 12	1	1	1	1				
53	2	23414-140000	GASKET 14, ROUND	1	1	1	1				
54	1	124450-35110	O-RING, L.O.STRAINER	1	1	1	1				

Remarks
(1)OPTIONAL

Fig.9.C.S.W.PUMP & BILGE PUMP

1 inc. (1) ~ 37
2 inc. (2) ~ 38

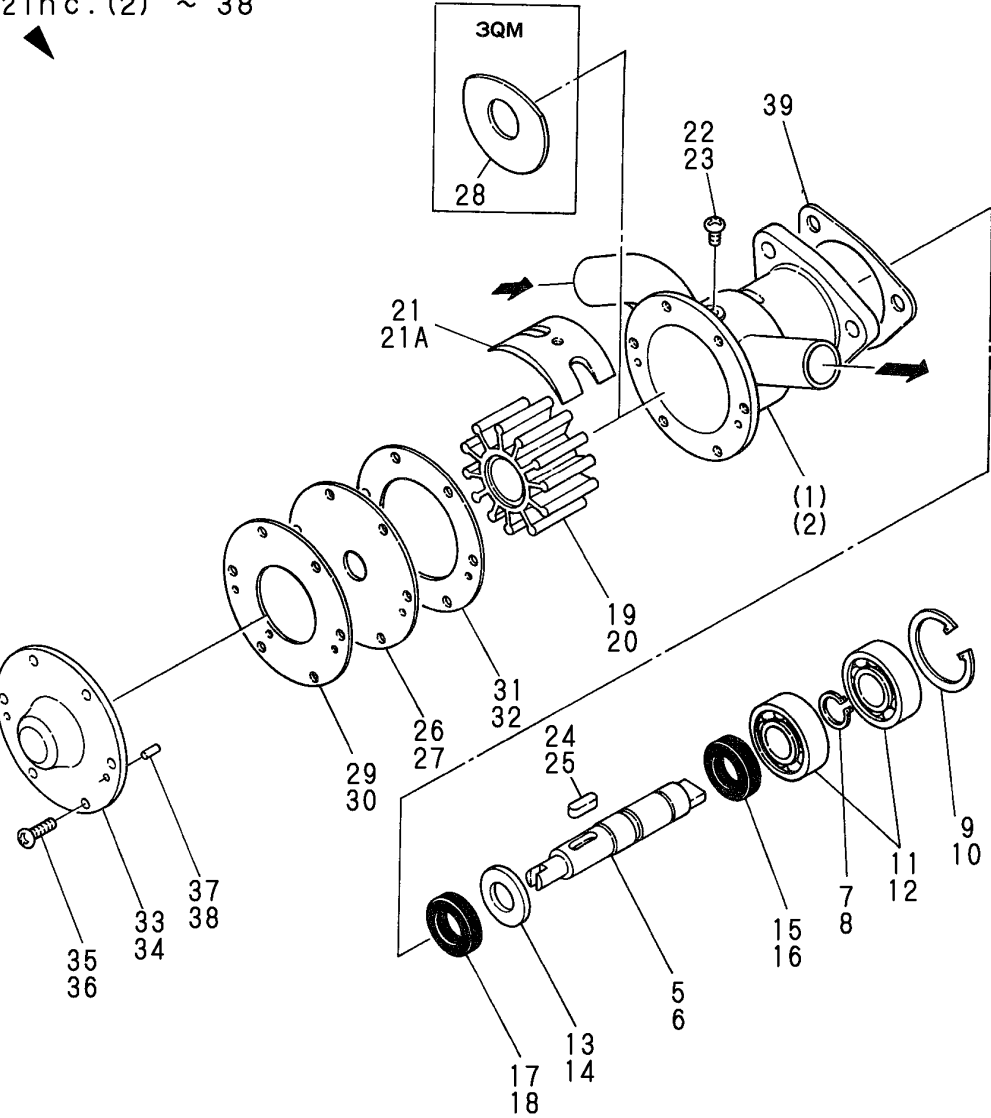


(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-42700	PUMP ASSY, C. WATER	1	1	1					
1-1	1	724770-42701	PUMP ASSY, C. WATER	1	1	1					N
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									
2	1	721390-42700	PUMP ASSY, C. WATER					1			
2-1	1	721390-42701	PUMP ASSY, C. WATER					1			N
		(D=E/#82220)									
5	2	124770-42030	SHAFT, IMPELLER	1	1	1					
5-1	2	124772-42130	SHAFT, IMPELLER	1	1	1					S
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									
6	2	121390-42030	SHAFT, IMPELLER					1			
6-1	2	121390-42130	SHAFT, IMPELLER					1			S
		(D=E/#82220)									
7	2	22242-000150	CIRCLIP 15	1	1	1					
8	2	22242-000170	CIRCLIP 17					1			
9	2	22252-000350	CIRCLIP 35	1	1	1					
10	2	22252-000400	CIRCLIP 40					1			
11	2	24101-062024	BALL BEARING	2	2	2					
12	2	24101-062034	BALL BEARING					2			
13	2	124223-42070	PIECE	1	1	1					
14	2	145410-46070	RING					1			
15	2	124223-42160	OIL SEAL TC15307	1	1	1					
16	2	145410-46080	OIL SEAL TC17328					1			
17	2	124223-42080	OIL SEAL TC13287	1	1	1					
18	2	145410-46080	OIL SEAL TC17328					1			
19	2	124223-42091	IMPELLER, C. WATER	1	1	1					
20	2	145410-46090	IMPELLER, C. WATER					1			
21	2	124223-42100	CAM, IMPELLER	1	1	1					
21-1	2	124323-42100	CAM, IMPELLER	1	1	1					N
		(A=E/XXX) (B=E/XXX) (C=E/XXX)									
21A	2	145410-46100	CAM, IMPELLER					1			
22	2	26554-040102	SCREW M 4X 10	1	1	1					
23	2	26554-050082	SCREW M 5X 8					1			
24	2	124223-42040	KEY	1	1	1					
25	2	145410-46040	KEY					1			
26	2	124223-42120	PLATE, WEAR	1	1	1					Z
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									
27	2	121390-46130	PLATE					1			Z
		(D=E/#82220)									
28	2	145410-46120	PLATE (A)					1			
29	2	124223-42140	GASKET	1	1	1					Z
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									
30	2	121390-42140	GASKET					1			Z
		(D=E/#82220)									
31	2	124223-42110	GASKET	1	1	1					
32	2	145410-46110	PACKING					1			
33	2	124223-42150	COVER	1	1	1					
33-1	2	121575-42150	COVER	1	1	1					S
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									
34	2	121390-42150	COVER					1			
34-1	2	145410-46130	PLATE (B)					1			S
		(D=E/#82220)									
35	2	26554-040122	SCREW M 4X 12	6	6	6					
35-1	2	26554-040082	SCREW M 4X 8	6	6	6					S
		(A=E/#86258) (B=E/#82252) (C=E/#82245)									

Fig.9.C.S.W.PUMP & BILGE PUMP

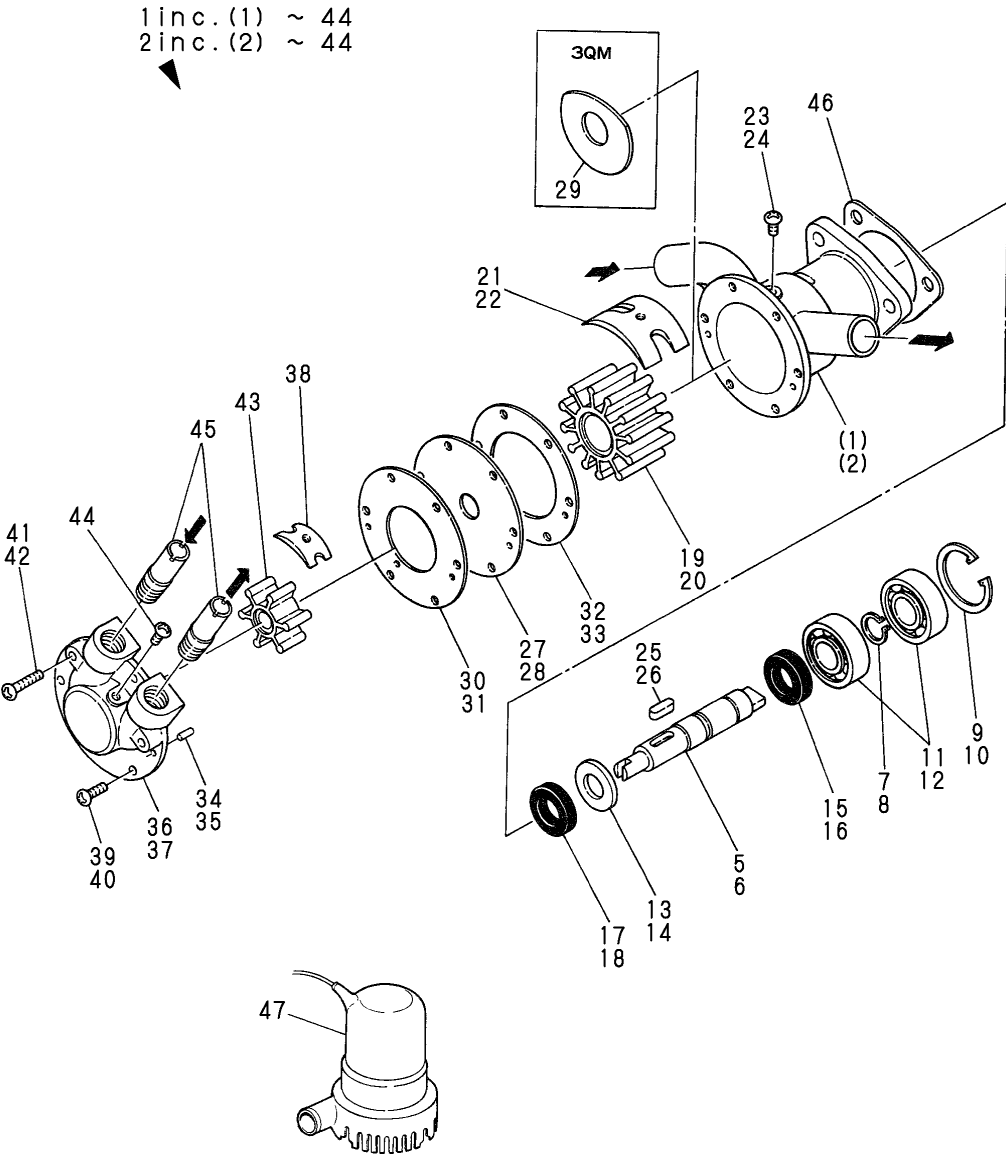
1 inc. (1) ~ 37
2 inc. (2) ~ 38



(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	2	26113-060169	BOLT M 6X 16				6				
36-1	2	26113-060102	BOLT M 6X 10				6				S
(D=E/#82220)											
37	2	22312-030080	PARALLEL PIN 3X 8	2	2	2					Z
(A=E/#86258) (B=E/#82252) (C=E/#82245)											
38	2	22312-040100	PARALLEL PIN 4X10				2				Z
(D=E/#82220)											
39	1	124223-42020	GASKET	1	1	1	1				

Fig.10.C.S.W.PUMP & BILGE PUMP



(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-42500	PUMP W/BILGE, C.W.	1	1	1					
2	1	721390-42500	PUMP W/BILGE, C.W.					1			
5	2	124770-42030	SHAFT, IMPELLER	1	1	1					
6	2	121390-42030	SHAFT, IMPELLER					1			
7	2	22242-000150	CIRCLIP 15	1	1	1					
8	2	22242-000170	CIRCLIP 17					1			
9	2	22252-000350	CIRCLIP 35	1	1	1					
10	2	22252-000400	CIRCLIP 40					1			
11	2	24101-062024	BALL BEARING	2	2	2					
12	2	24101-062034	BALL BEARING					2			
13	2	124223-42070	PIECE	1	1	1					
14	2	145410-46070	RING					1			
15	2	124223-42160	OIL SEAL TC15307	1	1	1					
16	2	145410-46080	OIL SEAL TC17328					1			
17	2	124223-42080	OIL SEAL TC13287	1	1	1					
18	2	145410-46080	OIL SEAL TC17328					1			
19	2	124223-42091	IMPELLER, C. WATER	1	1	1					
20	2	145410-46090	IMPELLER, C. WATER					1			
21	2	124323-42100	CAM, IMPELLER	1	1	1					
22	2	145410-46100	CAM, IMPELLER					1			
23	2	26554-040102	SCREW M 4X 10	1	1	1					
24	2	26554-050082	SCREW M 5X 8					1			
25	2	124223-42040	KEY	1	1	1					
26	2	145410-46040	KEY					1			
27	2	124223-42120	PLATE, WEAR	1	1	1					
28	2	121390-46130	PLATE					1			
29	2	145410-46120	PLATE (A)					1			
30	2	124223-42140	GASKET	1	1	1					
31	2	121390-42140	GASKET					1			
32	2	124223-42110	GASKET	1	1	1					
33	2	145410-46110	PACKING					1			
34	2	22312-030080	PARALLEL PIN 3X 8	2	2	2					
35	2	22312-040100	PARALLEL PIN 4X10					2			
36	2	124223-46011	BODY, BILGE PUMP	1	1	1					
37	2	121390-46010	BODY, BILGE PUMP					1			
38	2	104211-42050	CAM	1	1	1					
39	2	26554-040122	SCREW M 4X 12	4	4	4					
40	2	26113-060169	BOLT M 6X 16					4			
41	2	26554-040222	SCREW M 4X 22	2	2	2					
42	2	26113-060259	BOLT M 6X 25					2			
43	2	104211-42070	IMPELLER, C. WATER	1	1	1	1	1			
44	2	26554-040062	SCREW M 4X 6	1	1	1	1	1			
45	1	124223-46150	JOINT, PIPE	2	2	2	2	2			
46	1	124223-42020	GASKET	1	1	1	1	1			
47	1	977783-00121	PUMP 12V, BILGE				1	1			1

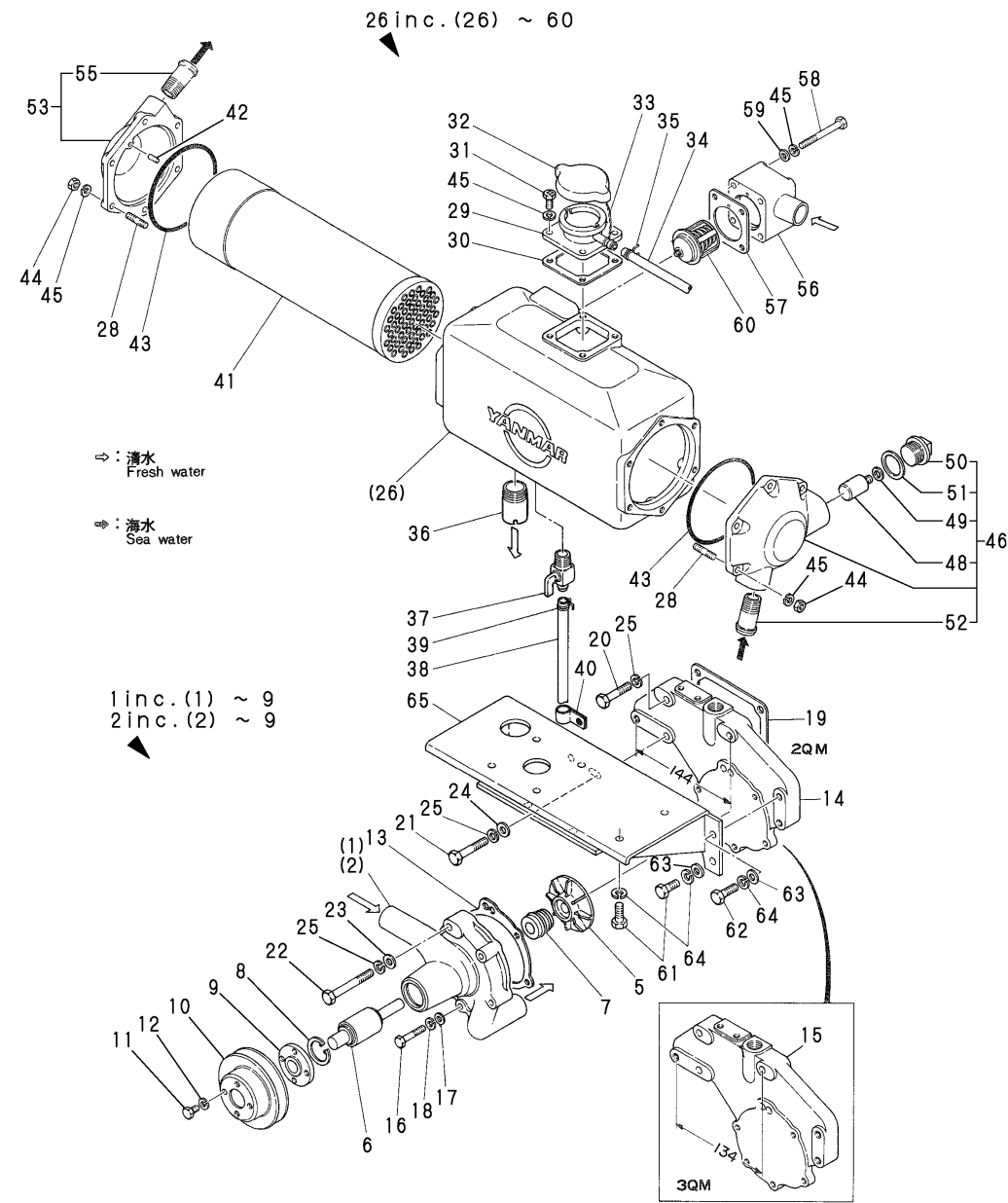
Remarks
(1)OPTIONAL



REF.	LEV.	PARTS NO.	DESCRIPTION	QTY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724790-43700	PUMP ASSY, C. WATER	1		1					
2	1	721390-43700	PUMP ASSY, C. WATER		1		1				
5	2	124250-42200	IMPELLER	1	1	1	1				
6	2	124250-42240	SHAFT, IMPELLER	1	1	1	1				
7	2	124250-42350	SEAL, MECHANICAL	1	1	1	1				
8	2	124250-42170	CIRCLIP	1	1	1	1				
9	2	124250-42260	FLANGE, V-PULLEY	1	1	1	1				
10	1	124750-42350	V-PULLEY, C.W. PUMP	1	1	1	1				
11	1	26116-060122	BOLT 6X12	4	4	4	4				
12	1	22212-060000	SPRING WASHER 6			4	4				
12-1	1	22217-060000	SPRING WASHER 6			4	4			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
13	1	124790-42050	GASKET	1	1	1	1				
14	1	124790-42120	BRACKET, C.W. PUMP	1		1					
15	1	121390-42120	BRACKET, C.W. PUMP		1		1				
16	1	26116-060352	BOLT M 6X 35 PLATED	5	5	5	5				
17	1	22137-060000	WASHER 6, POLISHED	5	5	5	5				
18	1	22212-060000	SPRING WASHER 6			5	5				
18-1	1	22217-060000	SPRING WASHER 6	5	5	5	5			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
19	1	124450-44410	GASKET	1	1	1	1				
20	1	26116-080402	BOLT M 8X 40 PLATED	2	2	2	2				
21	1	26116-080452	BOLT M 8X 45 PLATED	1	1	1	1				
22	1	26116-080652	BOLT M 8X 65 PLATED	1	1	1	1				
23	1	22137-080000	WASHER 8, POLISHED	1	1	1	1				
24	1	22157-080000	WASHER 8	1	1	1	1				
25	1	22212-080000	SPRING WASHER 8			4	4				
25-1	1	22217-080000	SPRING WASHER 8	4	4	4	4			N	
			(C=EXXX)	(D=EXXX)							
26	1	724790-44500	EXCHANGER ASSY, HEAT	1	1	1	1				
28	2	26226-060182	STUD M 6X 18 PLATED	12	12	12	12				
29	2	123672-44190	FILLER ASSY	1	1	1	1				
30	2	123672-44200	PACKING, FILLER	1	1	1	1				
31	2	26117-060169	BOLT M 6X 16 PLATED	4	4	4	4				
32	2	123672-44210	CAP	1	1	1	1				
33	2	123682-44220	CHAIN	1	1	1	1				
34	2	23061-070700	PIPE 7X 700			1	1				
34-1	2	23061-070650	PIPE 7X 650	1	1	1	1			N	
			(C=*1977.03)	(D=*1977.03)							
35	2	124450-44560	CLAMP			1	1				
35-1	2	124460-77680	RETAINER	1	1	1	1			N	
			(C=*1976.12)	(D=*1976.12)							
36	2	124790-49600	PIPE JOINT PT3/4	1	1	1	1				
37	2	104200-11920	COCK			1	1				
37-1	2	43600-500310	COCK	1	1	1	1			S	
			(C=E/#81899)	(D=E/#81809)							
38	2	23061-100500	PIPE 10X 500			1	1				
38-1	2	23061-120600	PIPE 12X 600	1	1	1	1			S	
			(C=E/#81899)	(D=E/#81809)							
39	2	124223-49750	BAND		1	1					
39-1	2	23010-017000	CLAMP 17	1	1	1	1			S	
			(B=E/#81577)	(C=E/#81899)							
40	2	103884-03160	RETAINER			1	1				
40-1	2	120445-77950	BRACKET	1	1	1	1			S	

++ CONTINUE ++

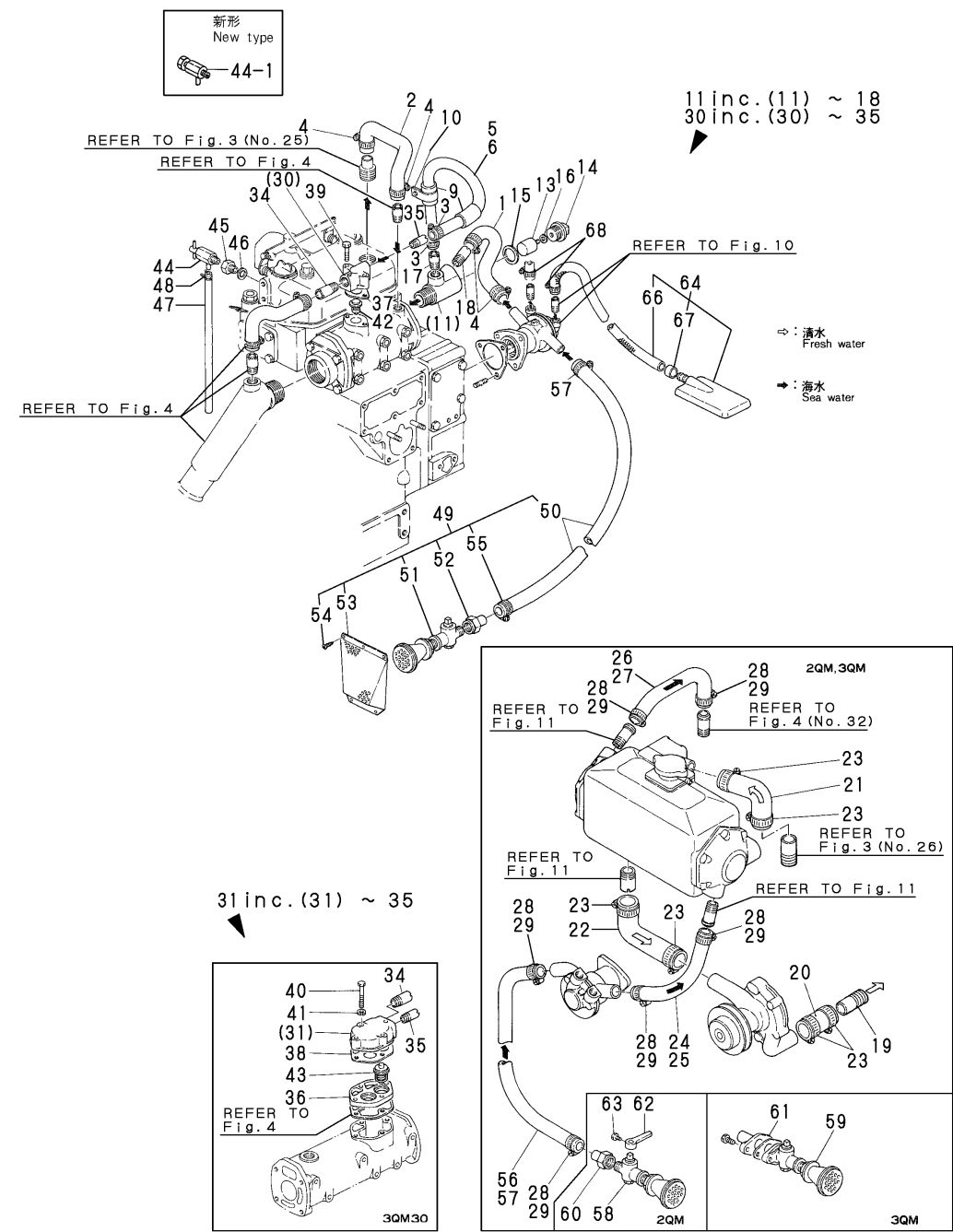
Fig.11.C.F.W.PUMP & C.F.W.COOLER



Remarks
(1)NOT ILLUSTRATED.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
			(C=E/#81899) (D=E/#81809)								
41	2	124790-44400	STACK ASSY	1	1	1	1				
42	2	124790-44470	PIN	1	1	1	1				
43	2	24311-000950	O-RING 1A P-95.0	2	2	2	2				
44	2	26716-060002	NUT 6	12	12	12	12				
45	2	22212-060000	SPRING WASHER 6			20	20				
45-1	2	22217-060000	SPRING WASHER 6	20	20	20	20			N	
			(C=EXXX) (D=EXXX)								
46	2	724790-44550	COVER ASSY, (R)	1	1	1	1				
48	3	27210-200300	ZINC, ANTI-CORROSIVE	1	1	1	1				
49	3	123210-09310	PACKING	1	1	1	1				
50	3	124220-09320	PLUG	1	1	1	1				
51	3	23414-250000	GASKET 25,ROUND	1	1	1	1				
52	3	123325-49220	JOINT, PIPE	1	1	1	1				
53	2	724790-44560	COVER ASSY, (L)	1	1	1	1				
55	3	123325-49220	JOINT, PIPE	1	1	1	1				
56	2	124790-49750	HOUSING, THERMOSTART	1	1	1	1				
57	2	124790-49760	PACKING, THERMOSTART	1	1	1	1				
58	2	26116-060602	BOLT M 6X 60 PLATED	4	4	4	4				
59	2	22137-060000	WASHER 6, POLISHED	4	4	4	4				
60	2	124790-49800	THERMOSTAT	1	1	1	1				
61	1	26116-080202	BOLT M 8X 20 PLATED	10	10	10	10				
62	1	26116-080252	BOLT M 8X 25 PLATED	1	1	1	1				
63	1	22137-080000	WASHER 8, POLISHED	4	4	4	4				
64	1	22212-080000	SPRING WASHER 8			11	11				
64-1	1	22217-080000	SPRING WASHER 8	11	11	11	11			N	
			(C=EXXX) (D=EXXX)								
65	1	124790-44100	BRACKET, EXCHANGER	1	1	1	1				
66	1	120445-44530	TANK ASSY, RESERVE	1	1						1
67	1	120445-44540	BRACKET, SUB-TANK	1	1						1
68	1	124790-44560	PIPE, C. WATER	1	1						1
69	1	23010-013000	CLAMP 13	1	1						1

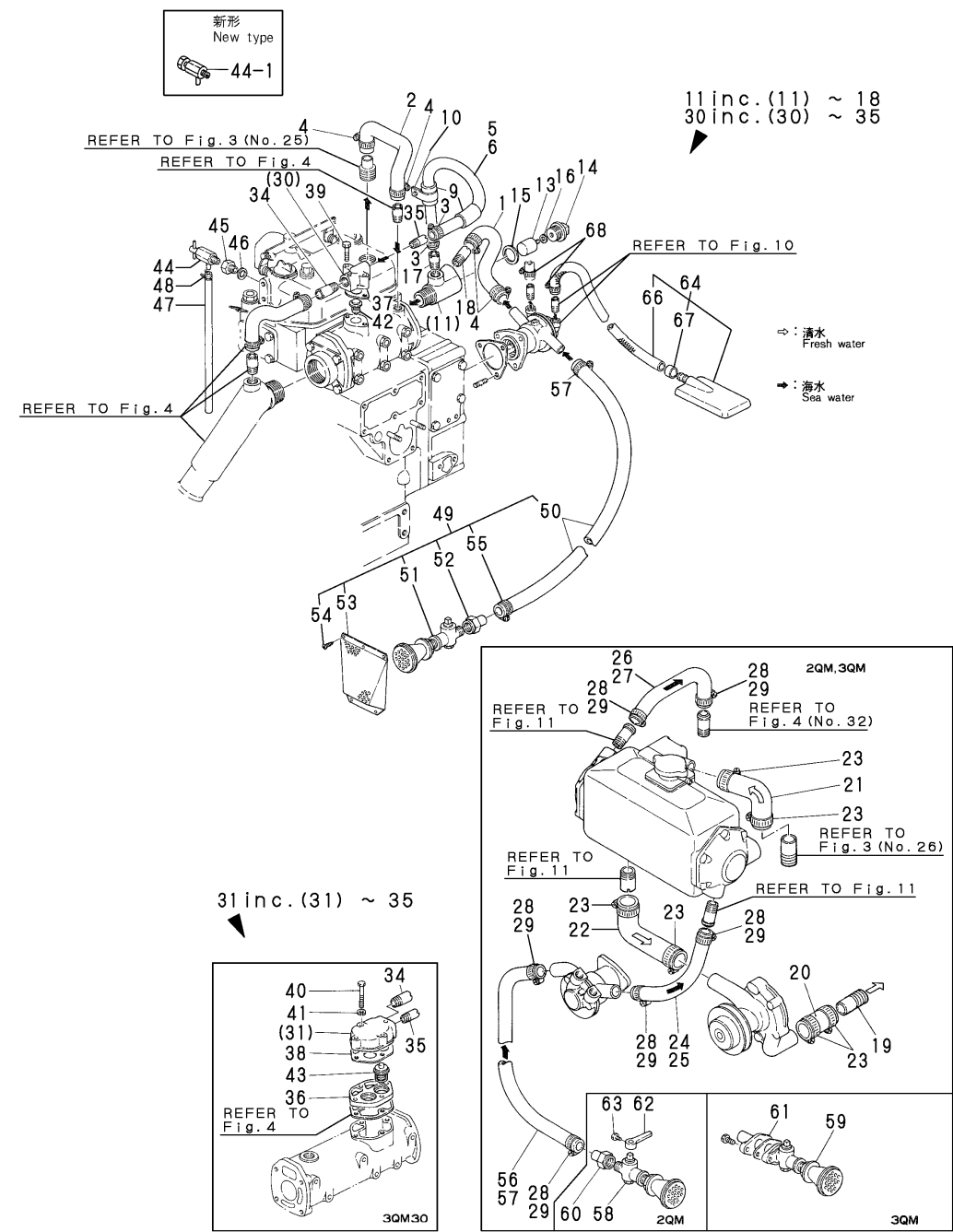
Fig.12.COOLING WATER SYSTEM



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-49010	PIPE, COOLING WATER	1	1						
2	1	124770-49020	PIPE, COOLING WATER	1							
2A	1	121370-49020	PIPE, COOLING WATER		1						
3	1	23000-022000	CLAMP 22		2	2					
4	1	23000-025000	CLAMP 25		4	4					
5	1	124770-49060	PIPE, COOLING WATER	1							
6	1	121370-49060	PIPE, COOLING WATER		1						
9	2	105582-49900	PROTECTOR		2	2					
10	1	124770-49310	RETAINER	1	1						
11	1	724770-01450	JOINT ASSY, 3-WAY	1	1						
13	2	27210-200300	ZINC, ANTI-CORROSIVE	1	1						
14	2	124220-09320	PLUG	1	1						
15	2	23414-250000	GASKET 25,ROUND	1	1						
16	2	123210-09310	PACKING	1	1						
17	2	104211-49060	PIPE JOINT PT1/4	1	1						
18	2	124223-49300	PIPE JOINT PT3/8	1	1						
19	1	124790-49600	PIPE JOINT PT3/4			1	1				
20	1	124790-49510	PIPE, COOLING WATER			1	1				
21	1	124790-49520	PIPE, COOLING WATER			1	1				
22	1	124790-49530	PIPE, COOLING WATER			1	1				
23	1	23000-041000	CLAMP 41			6	6				
24	1	124790-49010	PIPE (A), C. WATER			1					
25	1	121390-49010	PIPE (A), C. WATER				1				
26	1	124790-49020	PIPE (B), C. WATER			1					
27	1	121390-49020	PIPE (B), C. WATER				1				
28	1	23000-025000	CLAMP 25			6					
29	1	23000-035000	CLAMP 35				6				
30	1	124770-49190	COVER, THERMOSTAT	1							
31	1	121370-49190	COVER, THERMOSTAT		1						
34	2	124223-49300	PIPE JOINT PT3/8	1	1						
35	2	104211-49060	PIPE JOINT PT1/4	1	1						
36	1	121370-49171	SUPPORT, THERMOSTAT		1						
37	1	104211-49160	PACKING	1							
38	1	121370-49160	PACKING		1						
39	1	26117-060359	BOLT M 6X 35 PLATED	2							
40	1	26116-060502	BOLT M 6X 50 PLATED		4						
41	1	22212-060000	SPRING WASHER 6		4						
41-1	1	22217-060000	SPRING WASHER 6		4					N	
(B=EXXX)											
42	1	124770-49200	THERMOSTAT	1							
43	1	105582-49200	THERMOSTAT		1						
44	1	43600-001200	SEE 43600-500290	1	1						
44-1	1	43600-500290	COCK 1/4	1	1	1	1			N	
(A=*1978.12) (B=*1978.12)											
45	1	121370-01850	JOINT	1	1	1	1				
46	1	23414-140000	GASKET 14, ROUND	1	1	1	1				
47	1	23061-070300	PIPE 7X 300	1	1	1	1				
48	1	124450-44560	CLAMP	1	1	1	1				
48-1	1	124460-77680	RETAINER	1	1	1	1			N	
(A=*1976.12) (B=*1976.12) (C=*1976.12) (D=*1976.12)											
49	1	724770-48100	COCK ASSY, SEA WATER	1	1						
50	2	124223-49050	PIPE, COOLING WATER	1	1						
51	2	43662-015012	COCK ASSY, SEA WATER	1	1						
52	2	124223-48050	JOINT	1	1						

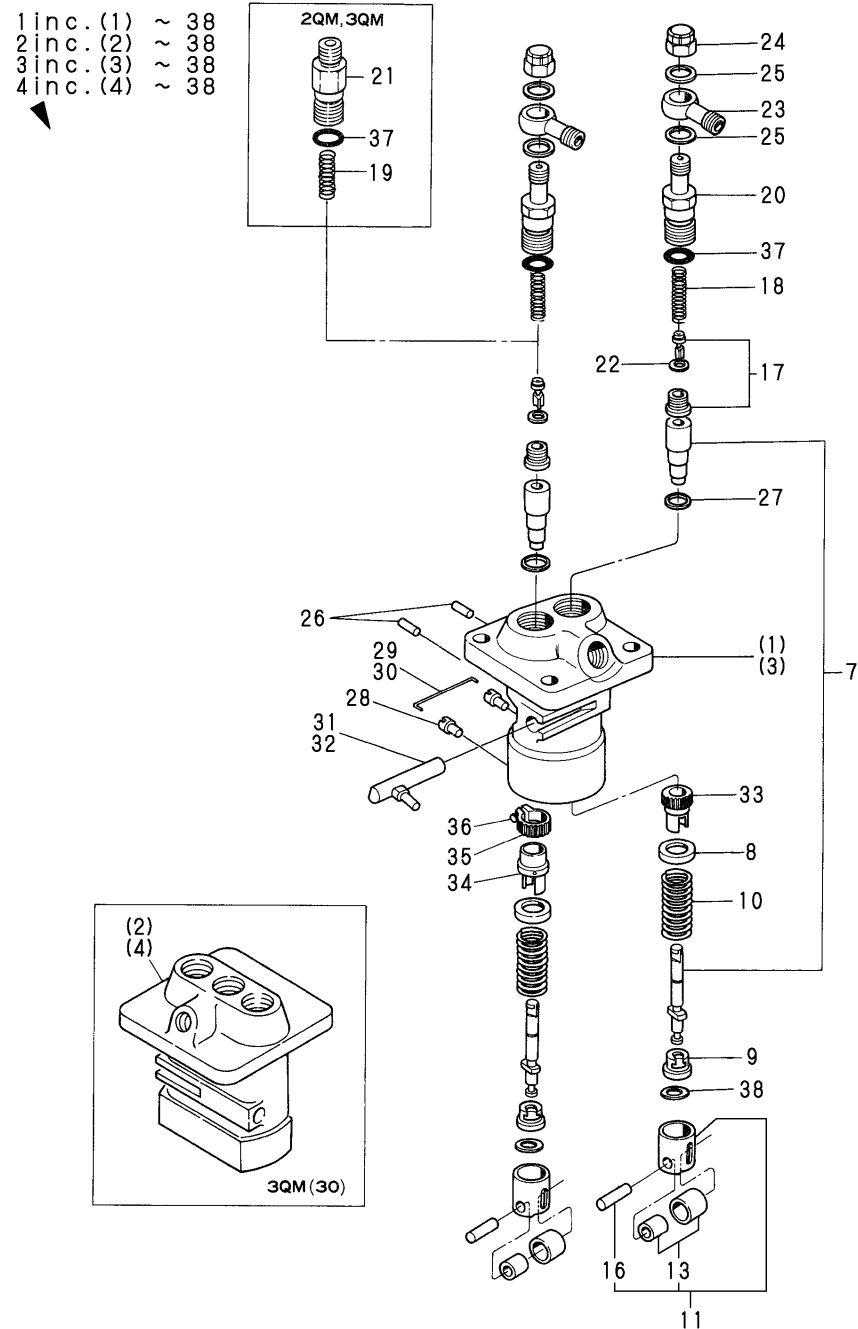
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Fig.12.COOLING WATER SYSTEM



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
53	2	43600-500011	COVER, KINGSTON COCK	1	1						
54	2	22714-580250	SCREW 5.8X25	5	5						
55	2	23000-025000	CLAMP 25	2	2						
56	1	124223-49050	PIPE, COOLING WATER				1				
57	1	121390-49050	PIPE, COOLING WATER					1			
58	1	43662-015012	COCK ASSY, SEA WATER				1				
59	1	43662-020021	COCK ASSY, SEA WATER					1			
60	1	124223-48050	JOINT		1						
61	1	121390-48750	FLANGE				1				
62	1	124223-48400	HANDLE		1						
63	1	26113-040102	BOLT M 4X 10				1				
64	1	123220-46910	STRAINER, BILGE	1	1	1	1	1			
66	2	124223-46100	PIPE, BILGE	1	1	1	1	1			
67	2	124223-46950	RETAINER	1	1	1	1	1			
68	1	23000-020000	CLAMP 20	2	2	2	2	2			

Fig.13.FUEL INJECTION PUMP

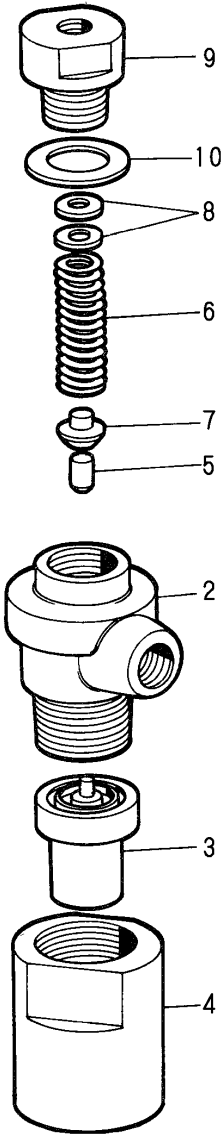
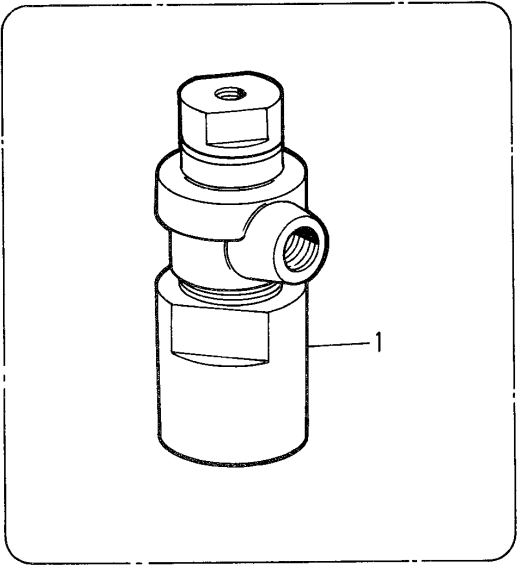


Y00R0919 13.FUEL INJECTION PUMP

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-51700	PUMP ASSY. F.INJECT.	1							
2	1	724790-51700	PUMP ASSY. F.INJECT.			1					
3	1	721370-51700	PUMP ASSY. F.INJECT.		1						
4	1	721390-51700	PUMP ASSY. F.INJECT.					1			
7	2	124770-51100	PLUNGER W/BARREL	2	3	2	3				
8	2	174307-51170	RETAINER A	2	3	2	3				
9	2	174307-51180	RETAINER, LOWER	2	3	2	3				
10	2	174307-51190	SPRING, PLUNGER	2	3	2	3				
11	2	724550-51520	GUIDE, PLUNGER	2	3	2	3				
13	3	711100-51540	ROLLER ASSY	2	3	2	3				
16	3	174100-54120	PIN, ROLLER	2	3	2	3				
17	2	124550-51301	VALVE W/SEAT, DELIV.	2	3	2	3				
18	2	174307-51320	SPRING, DELIV. VALVE	2	3						
19	2	124550-51320	SPRING, DELIV. VALVE			2	3				
20	2	124550-51340	RETAINER	2	3						
21	2	124550-51341	RETAINER			2	3				
22	2	124550-51350	GASKET, DELIVERY	2	3	2	3				
23	2	174307-51380	NIPPLE	2	3						
24	2	174307-51370	CAP NUT	2	3						
25	2	124240-51390	GASKET	4	6						
26	2	174307-51250	PIN	2	3	2	3				
27	2	174307-51270	GASKET	2	3	2	3				
28	2	174307-51450	PIECE, GUIDE	2	3	2	3				
29	2	174307-51460	PIN	1	1						
30	2	121150-51460	PIN		1		1				
31	2	724240-51530	RACK W/PIN, CONTROL	1		1					
32	2	721150-51530	RACK W/PIN, CONTROL		1		1				
33	2	174307-51510	PINION	1	1	1	1				
34	2	174307-51550	RETAINER,PINION	1	2	1	2				
35	2	174307-51560	PINION	1	2	1	2				
36	2	122117-51560	SCREW, PINION	1	2	1	2				
37	2	124550-51370	O-RING, DELIVERY	2	3	2	3				
38	2	174307-51700	SHIM SET	2	3	2	3				

Fig.14.FUEL INJECTION VALVE

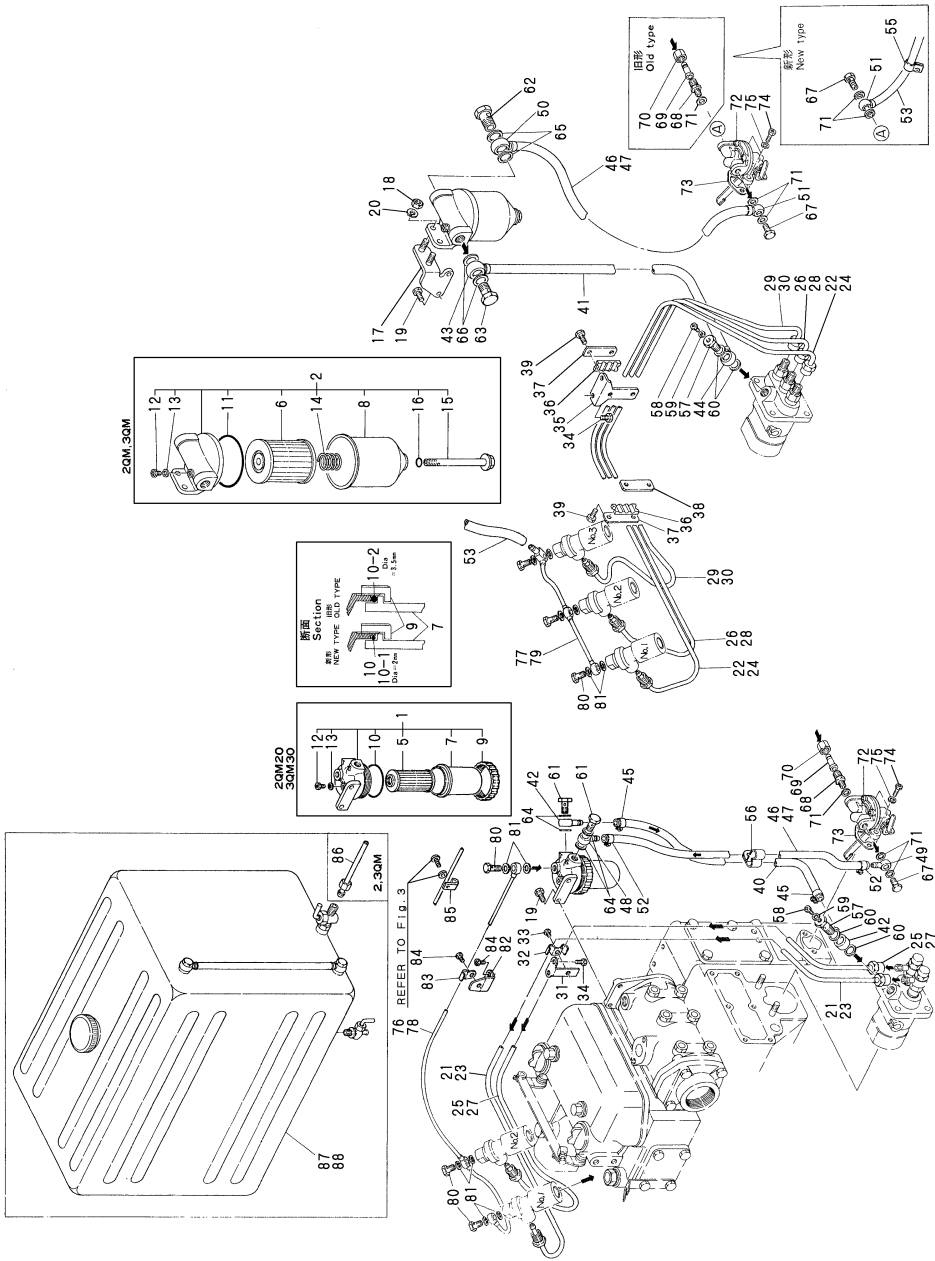


Y00R0919 14.FUEL INJECTION VALVE

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-53100	VALVE ASSY, F.INJECT	2	3	2	3				
2	2	103854-53100	BODY, F.I. VALVE	2	3	2	3				
3	2	124770-53000	NOZZLE ASSY,F.INJECT	2	3	2	3				
4	2	104900-53080	HOLDER, VALVE W/CASE	2	3	2	3				
5	2	113200-53110	SPINDLE, INTER	2	3	2	3				
6	2	103854-53120	SPRING, NOZZLE	2	3	2	3				
7	2	113200-53120	SHOE, SPRING	2	3	2	3				
8	2	110250-53150	SHIM SET	2	3	2	3				
9	2	103854-53180	RETAINER, NOZ.SPRING	2	3	2	3				
10	2	172100-53200	GASKET	2	3	2	3				

Fig.15.FUEL SYSTEM

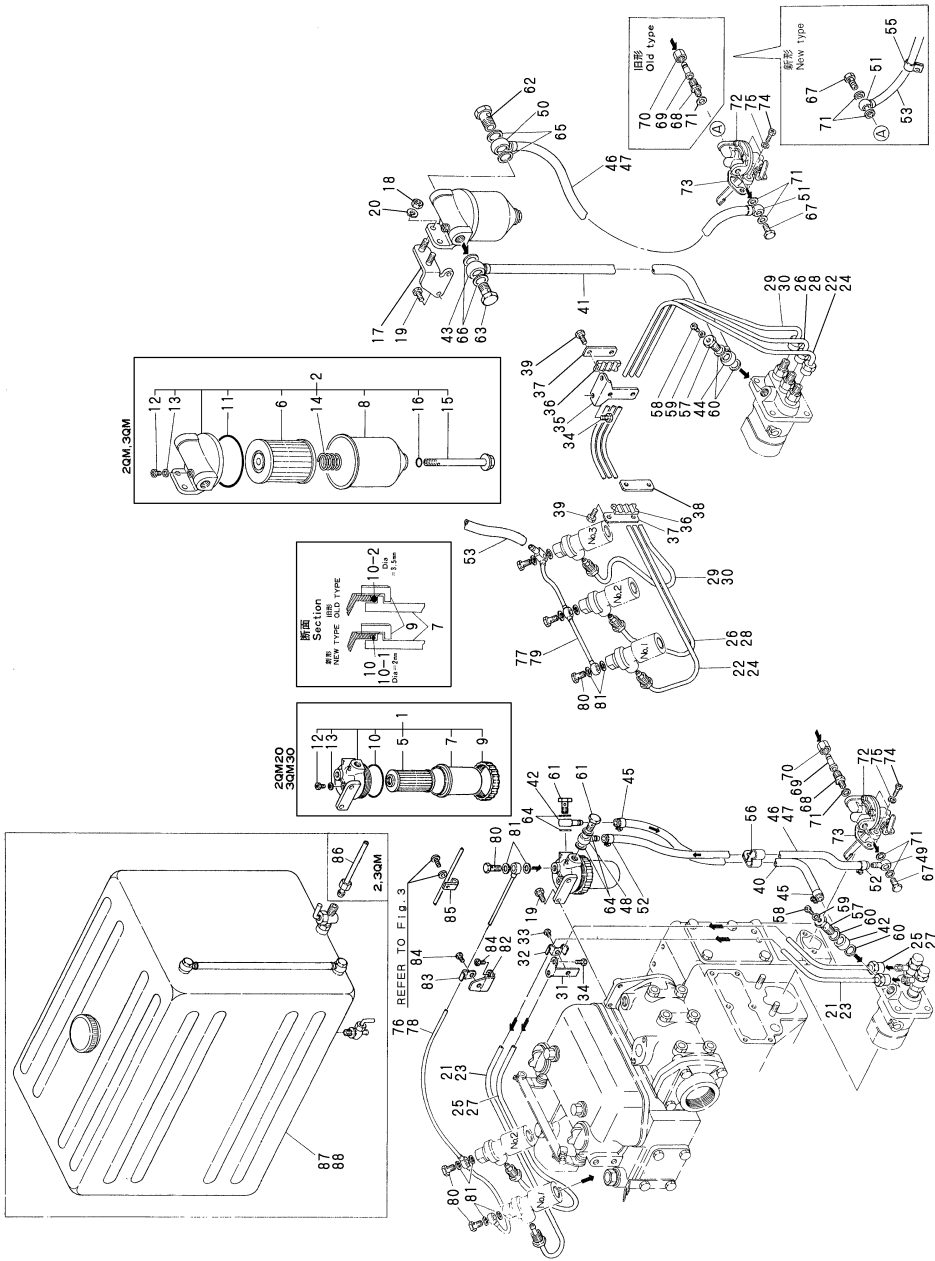


Remarks
(1)NOT ILLUSTRATED.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-55600	STRAINER ASSY, FUEL	1	1						
1-1	1	121370-55601	STRAINER ASSY, FUEL	1	1						N
(A=E/#85483)		(B=E/#81654)									
2	1	724220-55500	STRAINER ASSY, FUEL				1	1			
5	2	104500-55710	ELEMENT, FUEL	1	1						
6	2	124220-35210	ELEMENT				1	1			
7	2	121370-55730	CUP, STRAINER	1	1						
8	2	124220-35220	COVER, STRAINER				1	1			
9	2	110250-55610	RING, RETAINING	1	1						
10	2	110250-55520	GASKET	1	1						
10-1	2	102103-55520	O-RING	1	1						N
(A=E/XXX)		(B=E/XXX)									
10-2	2	24341-000440	O-RING 1A S-44.0	1	1						S
(A=E/#86617)		(B=E/#82525)									
11	2	124220-35270	RING				1	1			
12	2	111154-51900	PLUG	1	1	1	1				
12-1	2	101720-51900	PLUG	1	1	1	1				N
(A=E/XXX)		(B=E/XXX)	(C=E/XXX)	(D=E/XXX)							
13	2	23418-060000	GASKET 6, NYLON	1	1	1	1				
14	2	124220-35240	SPRING			1	1				
15	2	124220-35230	BOLT			1	1				
16	2	24311-000120	O-RING 1A P 12.0			1	1				
17	1	124790-55800	BRACKET, STRAINER			1	1				
17-1	1	124790-55810	BRACKET, STRAINER			1	1				N
		(C=E/#80226)	(D=E/#80181)								
17-2	1	724790-55900	BRACKET, STRAINER			1	1				N
		(C=E/#82415)	(D=E/#82324)								
18	1	26716-080002	NUT M 8			2	2				
19	1	26116-060152	BOLT M 6X 15 PLATED	2	2	2	2				
19-1	1	26116-060402	BOLT M 6X 40 PLATED			2	2				S
		(C=E/#82415)	(D=E/#82324)								
20	1	22212-060000	SPRING WASHER 6			2	2				
20-1	1	22217-060000	SPRING WASHER 6			2	2				N
		(C=E/XXX)	(D=E/XXX)								
20-2	1	22217-060000	SPRING WASHER 6			2	2				Z
		(C=E/#82415)	(D=E/#82324)								
21	1	124772-59810	PIPE (A), F. INJECT.	1							
22	1	121370-59810	PIPE (1), F. INJECT.		1						
23	1	124465-59810	PIPE (B), F. INJECT.			1					
24	1	121250-59830	PIPE (3), F. INJECT.				1				
25	1	124772-59820	PIPE (B), F. INJECT.	1							
26	1	121370-59820	PIPE (2), F. INJECT.		1						
27	1	124465-59800	PIPE (A), F. INJECT.			1					
28	1	121250-59820	PIPE (2), F. INJECT.				1				
29	1	121370-59830	PIPE (3), F. INJECT.		1						
30	1	121250-59810	PIPE (1), F. INJECT.				1				
31	1	124460-59850	RETAINER (A)	1		1					
32	1	124460-59860	RETAINER (B)	1		1					
33	1	26557-060082	SCREW M 6X 8	1		1					
34	1	26117-060109	BOLT M 6X 10 PLATED	2	2	2	2				
35	1	121250-59850	BRACKET (A)			1		1			
36	1	123325-59100	RETAINER		2		2				
37	1	123325-59110	COVER		2		2				
38	1	121250-59860	RETAINER (B)		1		1				

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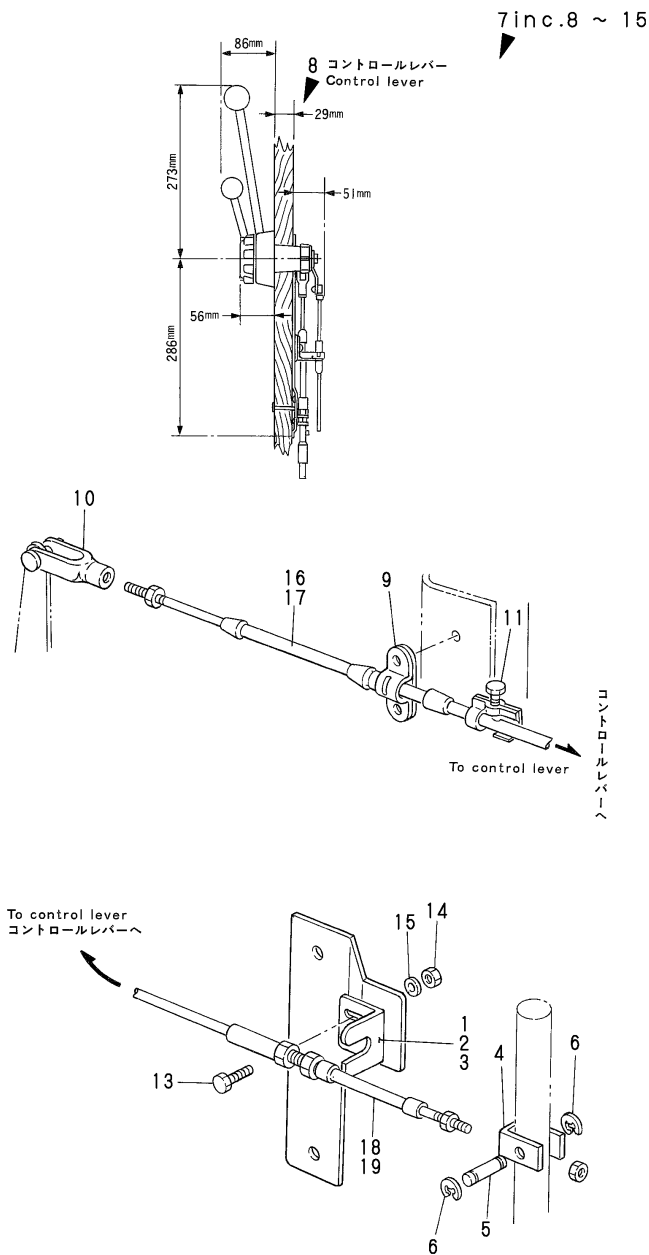
Fig.15.FUEL SYSTEM



				(A)=2QM20 (B)=3QM30 (C)=2QM					(D)=3QM (E)= (F)=		
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
39	1	26117-060169	BOLT M 6X 16 PLATED		4		4				
40	1	121370-59010	PIPE ASSY, FUEL OIL	1	1						
41	1	124790-59010	PIPE (A) ASSY, FUEL			1	1				
42	2	101304-59020	JOINT 12, PIPE	2	2						
43	2	124223-59850	JOINT, PIPE			1	1				
44	2	104264-59020	JOINT 12, PIPE			1	1				
45	2	124460-59050	CLAMP	2	2						
46	1	121370-59030	PIPE (B) ASSY, FUEL	1	1						
47	1	124790-59030	PIPE (B) ASSY, FUEL			1	1				
48	2	101304-59020	JOINT 12, PIPE	1	1						
49	2	105582-59020	JOINT, PIPE	1	1						
50	2	120445-59220	JOINT, PIPE			1	1				
51	2	104264-59030	JOINT 8, PIPE			1	1				
52	2	124460-59050	CLAMP	2	2						
53	1	124790-59040	PIPE ASSY, FUEL			1	1				
54	2	104264-59030	JOINT 8, PIPE			1	1				1
55	2	124460-59050	CLAMP			3	3				
56	1	124770-59160	RETAINER (A)	1	1						
57	1	103854-59200	BOLT, PIPE JOINT	1	1	1	1				
58	1	111154-51900	PLUG	1	1	1	1				
59	1	43400-500390	SEAL WASHER 6S	1	1	1	1				
60	1	23414-120000	GASKET 12, ROUND	2	2	2	2				
61	1	23857-060000	JOINT BOLT 6	2	2						
62	1	23857-120000	JOINT BOLT 12			1	1				
63	1	23857-100000	JOINT BOLT 10			1	1				
64	1	23414-120000	GASKET 12, ROUND	4	4						
65	1	23414-180000	GASKET 18, ROUND			2	2				
66	1	23414-160000	GASKET 16, ROUND			2	2				
67	1	105582-59150	BOLT, PIPE JOINT	1	1	1	1				
68	1	124772-59650	UNION	1	1	1	1				
69	1	124772-59660	JOINT	1	1	1	1				
70	1	124772-59670	CAP NUT	1	1	1	1				
71	1	23414-080000	GASKET 8, ROUND	3	3	3	3				
72	1	105582-52010	PUMP ASSY, FUEL FEED	1	1	1	1				
73	1	124223-01850	GASKET, FEED PUMP	1	1	1	1				
74	1	26117-060209	BOLT M 6X 20 PLATED	2	2	2	2				
75	1	22212-060000	SPRING WASHER 6	2	2	2	2				
75-1	1	22217-060000	SPRING WASHER 6	2	2	2	2				N
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
76	1	124772-59500	PIPE ASSY, FUEL	1							
77	1	121370-59500	PIPE, FUEL RETURN		1						
78	1	124790-59501	PIPE, FUEL RETURN			1					
79	1	121390-59501	PIPE, FUEL RETURN					1			
80	1	101147-59810	BOLT 8, PIPE JOINT	3	3	2	3				
81	1	23414-080000	GASKET 8, ROUND	6	6	4	6				
82	1	124770-59600	RETAINER, PIPE	1	1						
83	1	124770-59610	RETAINER, PIPE	1	1						
84	1	26117-060109	BOLT M 6X 10 PLATED	3	3						
85	1	121400-39240	RETAINER	1	1						
86	1	124223-59400	JOINT			1	1				
87	1	83213-003012	TANK (30L), FUEL	1	1	1					
88	1	83211-004013	TANK (40L), FUEL				1				

Remarks
(1)NOT ILLUSTRATED.

Fig.16.REMOTE-CONTROL DEVICE(OPTIONAL)

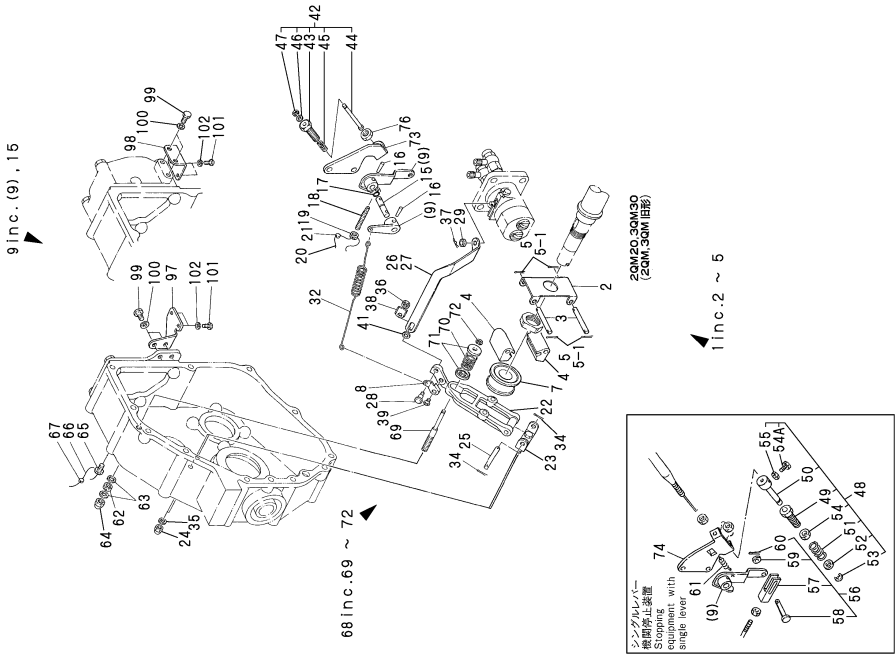
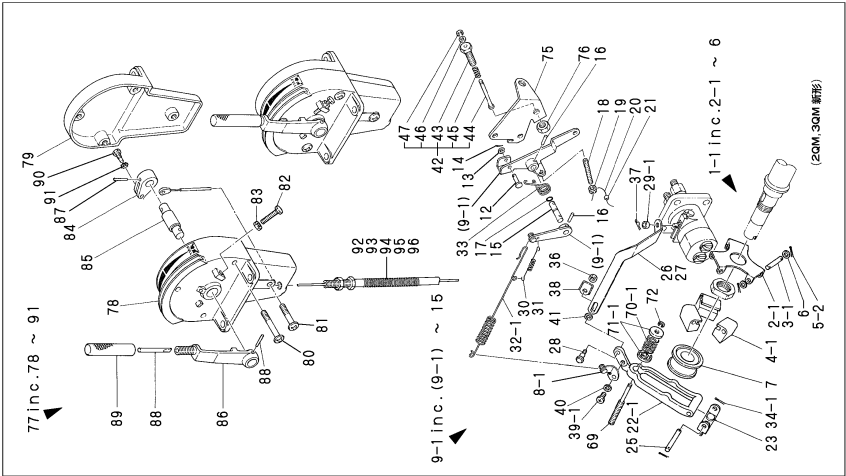


Remarks
(1)NOT ILLUSTRATED.

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124772-86100	BRACKET, REMOTE-CONT	1							
2	1	121370-86101	BRACKET, REMOTE-CONT		1						
3	1	124790-86100	BRACKET, REMOTE-CONT			1	1				
4	1	104214-86030	CONNECTOR	1		1	1				
5	1	41710-000860	PIN	1		1	1				
6	1	22272-000070	CIRCLIP E- 7	1		1	1				
7	1	704211-67600	REMOTE-CONTROL SET	1	1	1	1				
8	2	41710-500130	LEVER	1	1	1	1				
9	2	41710-000410	CLAMP	1	1	1	1				
10	2	41710-000400	CLEVIS	1	1	1	1				
11	2	41710-500140	BRAKE	1	1	1	1				
12	2	41710-500160	NUT	1	1	1	1				1
13	2	26117-060169	BOLT M 6X 16 PLATED	2	2	2	2				
14	2	26716-060002	NUT 6	2	2	2	2				
15	2	22212-060000	SPRING WASHER 6	2	2	2	2				
15-1	2	22217-060000	SPRING WASHER 6	2	2	2	2				N
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
16	1	41710-500090	CABLE,REMO-CON	1	1	1	1				
17	1	41710-000380	CABLE L=4000	1	1	1	1				
18	1	41710-500100	CABLE,REMO-CON	1	1	1	1				
19	1	41710-500110	CABLE,REMO-CON	1	1	1	1				
20	1	124772-67110	BRACKET, CABLE	1	1	1	1				1
21	1	121370-67100	BRACKET, CABLE	1	1	1	1				1

Fig.17.GOVERNOR

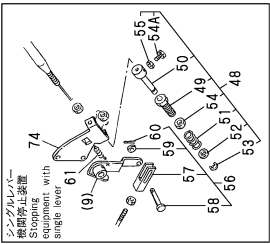
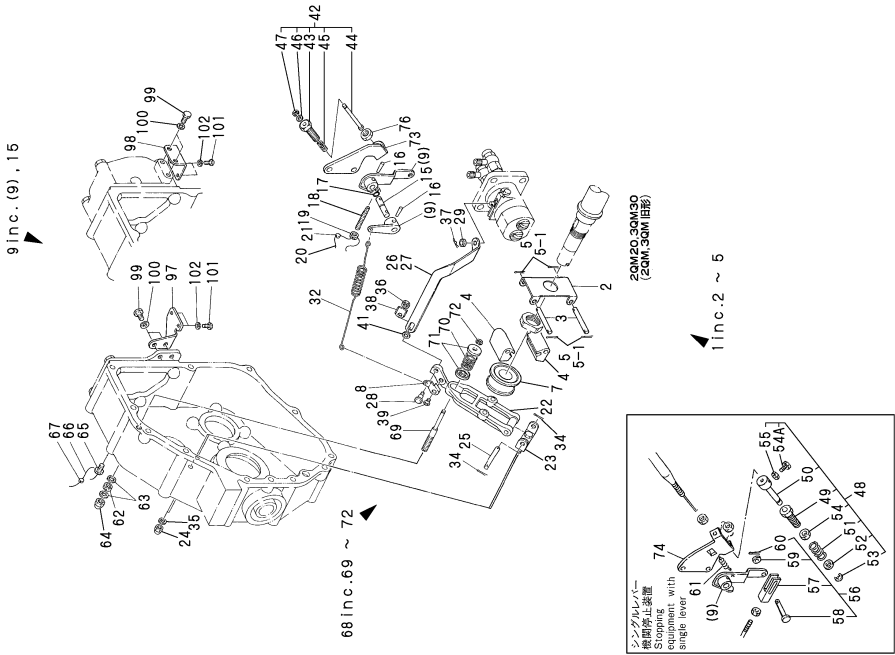
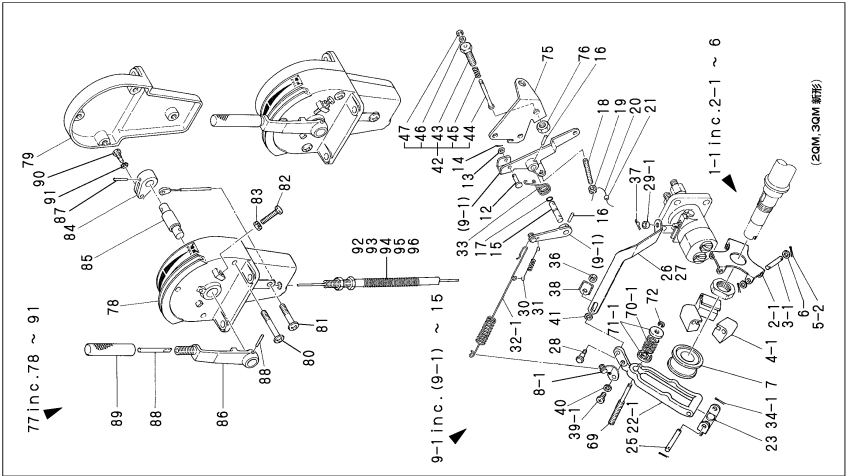


Remarks
(1)A PART ADDED AND/OR CHANGED DUE TO CHANGE OF GOVERNOR FROM THE 2-POINT TYPE TO THE 3-POINT TYPE FROM JULY, 1976. CHANGED FROM E/#80394 FOR 2QM AND E/#80346 FOR 3QM.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-61520	SUPPORT ASSY, GOV.	1	1	1	1				
1-1	1	724790-61520	SUPPORT ASSY, GOV. (C=E/#80394) (D=E/#80346)			1	1			S	1
2	2	124770-61110	SUPPORT, GOVERNOR	1	1	1	1				
2-1	2	124790-61110	SUPPORT, GOV. WEIGHT (C=E/#80394) (D=E/#80346)			1	1			S	1
3	2	124450-61220	PIN, GOVERNOR WEIGHT	2	2	2	2				
3-1	2	124790-61220	PIN, GOVERNOR WEIGHT (C=E/#80394) (D=E/#80346)			3	3			S	1
4	2	124450-61200	WEIGHT, GOVERNOR	2	2	2	2				
4-1	2	124790-61200	WEIGHT, GOVERNOR (C=E/#80394) (D=E/#80346)			3	3			S	1
5	2	22411-200200	PIN 2.0* 20	4	4	4	4				
5-1	2	22417-200200	COTTER PIN 2.0X20 (A=E/XXX) (B=E/XXX)	4	4					N	
5-2	2	22411-200200	PIN 2.0* 20 (C=E/#80394) (D=E/#80346)			6	6			K	1
5-3	2	22417-200200	COTTER PIN 2.0X20 (C=E/XXX) (D=E/XXX)			6	6			N	
6	2	22117-060000	WASHER 6 (C=E/#80394) (D=E/#80346)			6	6			W	1
7	1	124550-61600	SLEEVE, GOVERNOR	1	1	1	1				
8	1	124450-66460	BRACKET, SPRING	1	1	1	1				
8-1	1	124790-66460	BRACKET, SPRING (C=E/#80394) (D=E/#80346)			1	1			S	1
9	1	724770-66530	HANDLE ASSY, REGULAT	1	1	1	1				
9-1	1	724790-66530	HANDLE ASSY, REGLAT (C=E/XXX) (D=E/XXX)			1	1			R	
12	2	124790-66950	PIN (C=E/#80394) (D=E/#80346)			1	1			W	1
13	2	22113-040000	WASHER 4 (C=E/#80394) (D=E/#80346)			1	1			W	1
14	2	22414-160100	COTTER PIN 1.6X10 (C=E/#80394) (D=E/#80346)			1	1			W	1
15	2	124450-66040	SHAFT, REGULATOR	1	1	1	1				
16	1	22322-030180	TAPER PIN 3X18	2	2	2	2				
17	1	24311-000070	O-RING 1A P-7.0	1	1	1	1				
18	1	103854-66420	SCREW, ADJUST	1	1		1				
18-1	1	124550-66420	SCREW, ADJUST (A=E/XXX) (C=E/XXX)	1		1				N	
19	1	124550-66370	LOCK NUT M 6	1	1	1	1				
20	1	22451-100000	WIRE 1.0	1	1	1	1				
21	1	135210-61090	LEAD	1	1	1	1				
22	1	124460-66611	LEVER ASSY, GOV.	1	1	1	1				
22-1	1	124790-66600	LEVER, GOVERNOR (C=E/#80394) (D=E/#80346)			1	1			S	1
23	1	124770-66510	SUPPORT, GOVERNOR	1	1	1	1				
24	1	124450-66520	CAP NUT	1	1	1	1				
25	1	124450-66550	PIN, GOV. LEVER	1	1	1	1				
26	1	124465-66400	LINK, GOVERNOR	1		1					
27	1	121250-66400	LINK, GOVERNOR		1		1				
28	1	124450-66411	SCREW	1	1	1	1				
29	1	124450-66420	CLAMP	1	1	1	1				
29-1	1	124790-66420	SPACER			1	1			S	

++ CONTINUE ++

Fig.17.GOVERNOR

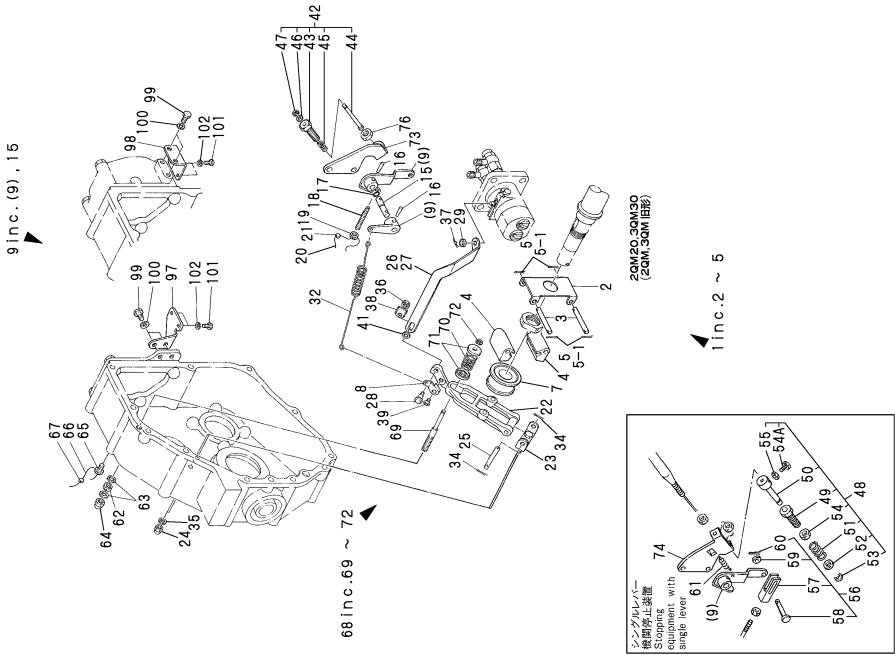
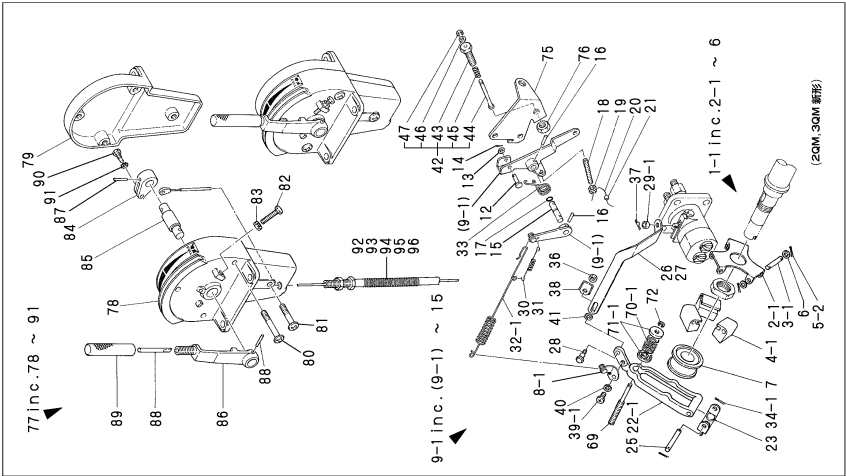


Remarks
(1)A PART ADDED AND/OR CHANGED DUE TO CHANGE OF GOVERNOR FROM THE 2-POINT TYPE TO THE 3-POINT TYPE FROM JULY, 1976. CHANGED FROM E/#80394 FOR 2QM AND E/#80346 FOR 3QM.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
29-2	1	124450-66420	CLAMP	(C=E/#80236)	(D=E/#80226)					S	1
				(C=E/#80394)	(D=E/#80346)						
30	1	124790-66150	SPRING, IDLE			1					W
30-1	1	124790-66200	SPRING, IDLE	(C=E/#80236)						S	1
				(C=E/#80394)							
30-2	1	124790-66201	SPRING, IDLE	(C=E/#80394)							N
				(C=*1976.11)							
31	1	121390-66150	SPRING, IDLE				1				W
31-1	1	124790-66200	SPRING, IDLE	(D=E/#80226)						S	
				(D=E/#80346)							
31-2	1	124790-66201	SPRING, IDLE	(D=*1976.11)						N	
32	1	124772-66010	SPRING, REGULATOR		1	1	1	1		S	1
32-1	1	124790-66010	SPRING, REGULATOR	(C=E/#80394)	(D=E/#80346)						
33	1	124790-66081	SPRING, RETURN	(C=E/#80236)	(D=E/#80226)					W	
34	1	22411-200200	PIN 2.0* 20			2	2	2	2	N	
34-1	1	22417-200200	COTTER PIN 2.0X20	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)				
35	1	23414-060000	GASKET 6, ROUND			2	2	2	2		
36	1	26756-050002	LOCK NUT M 5 PLATED			1	1	1	1		
37	1	22360-060000	SNAP PIN 6			1	1	1	1		
38	1	124460-66400	WASHER			1	1	1	1		
39	1	26557-060082	SCREW M 6X 8			1	1	1	1		
39-1	1	26117-060129	BOLT M 6X 12 PLATED	(C=EXXX)	(D=EXXX)					N	
40	1	22212-060000	SPRING WASHER 6				1	1		N	
40-1	1	22217-060000	SPRING WASHER 6	(C=EXXX)	(D=EXXX)						
41	1	124450-66430	SPACER			1	1	1	1		
42	1	124770-66700	ADJUSTER ASSY			1	1	1	1		
43	2	124770-66711	BODY, IDLE ADJUSTOR			1	1	1	1		
44	2	124770-66731	PIN, IDLE ADJUSTOR			1	1	1	1		
45	2	124770-66720	SPRING, ADJUSTER			1	1	1	1		
46	2	22137-050000	WASHER 5, POLISHED			1	1	1	1		
47	2	22272-000040	CIRCLIP E- 4			1	1	1	1		
48	1	124772-66700	ADJUSTER ASSY			1	1				
49	2	124772-66710	BODY, IDLE ADJUSTOR			1	1				
50	2	124772-66730	PIN, IDLE ADJUSTOR			1	1				
51	2	124772-66720	SPRING, ADJUSTER			1	1				
52	2	124772-66760	WASHER			1	1				
53	2	22272-000040	CIRCLIP E- 4			1	1				
54	2	124772-66750	LOCK NUT M12			1	1				
54A	2	26113-050128	BOLT M 5X 12			1	1				
55	2	26753-050002	NUT M 5			1	1				
56	1	124772-66200	JOINT ASSY			1	1				
57	2	124772-66210	CLEVIS			1	1				
58	2	124772-66220	PIN			1	1				
59	2	22113-050000	WASHER 5			1	1				
60	2	22414-160100	COTTER PIN 1.6X10			1	1				

++ CONTINUE ++

Fig.17.GOVERNOR

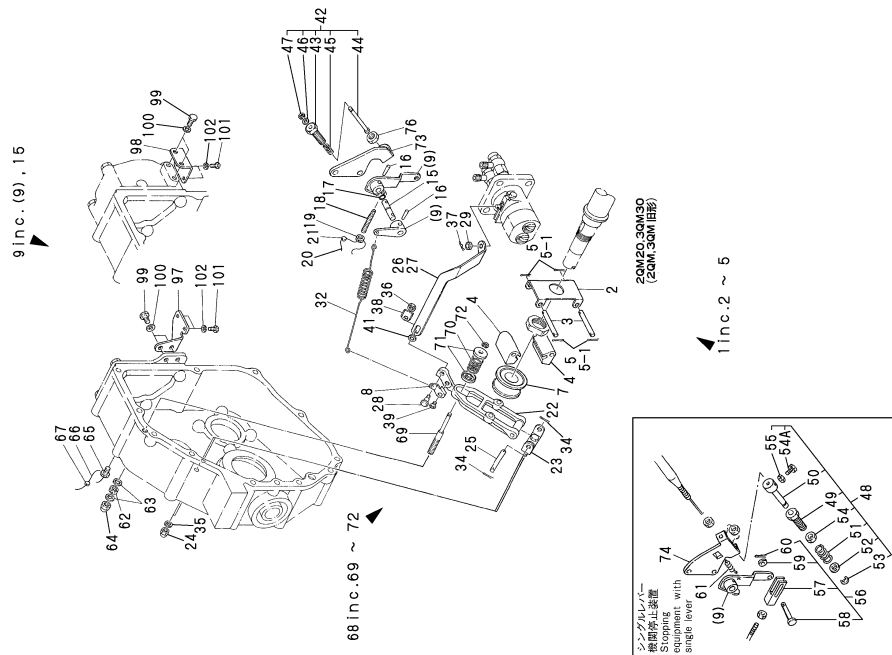
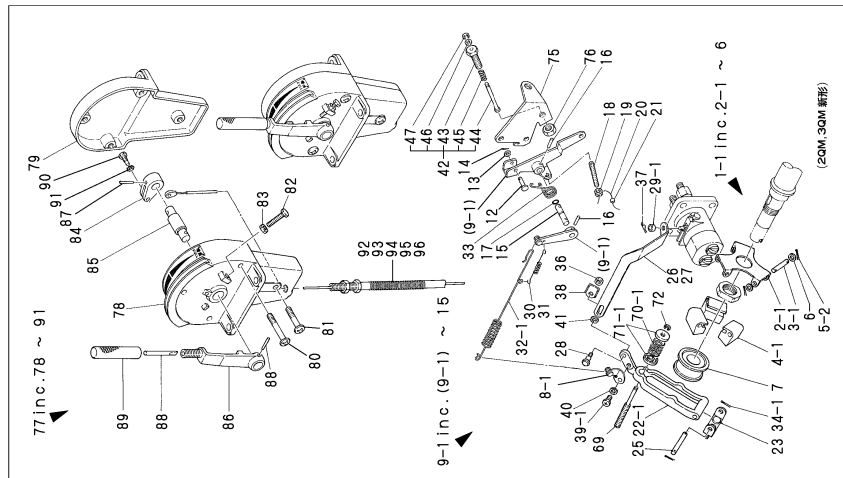


Remarks
(1)A PART ADDED AND/OR CHANGED DUE TO CHANGE OF GOVERNOR FROM THE 2-POINT TYPE TO THE 3-POINT TYPE FROM JULY, 1976. CHANGED FROM E/#80394 FOR 2QM AND E/#80346 FOR 3QM.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	1	124772-66090	SPRING, RETURN	1	1						
62	1	124772-66890	LOCK NUT	1	1	1	1				
63	1	23414-080000	GASKET 8, ROUND	2	2	2	2				
64	1	26667-080002	CAP NUT M 8	1	1	1	1				
65	1	26116-060086	BOLT M 6X 8 PLATED	1	1	1	1				W
(A=E/#82023) (B=E/#80111) (C=E/#80266) (D=E/#80226)											
66	1	22451-100000	WIRE 1.0	1	1	1	1				W
(A=E/#82023) (B=E/#80111) (C=E/#80256) (D=E/#80226)											
67	1	135210-61090	LEAD	1	1	1	1				W
(A=E/#82023) (B=E/#80111) (C=E/#80256) (D=E/#80226)											
68	1	124772-66800	CONTROLLER ASSY	1	1	1	1				
69	2	124772-66810	SHAFT, CONTROL	1	1	1	1				
70	2	124772-66820	SPRING, CONTROLLER	1	1	1	1				
70-1	2	124772-66830	RETAINER	2	2	2	2				S
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
71	2	124772-66830	RETAINER	1	1	1	1				
71-1	2	124772-66840	RETAINER	1	1	1	1				W
(A=*1976.07) (B=*1976.07) (C=*1976.07) (D=*1976.07)											
72	2	22272-000040	CIRCLIP E- 4	1	1	1	1				
73	1	124770-66740	BRACKET, ADJUSTER	1	1						
74	1	124772-66740	BRACKET, ADJUSTER	1	1						
75	1	124790-66740	BRACKET, ADJUSTER				1	1			
76	1	26757-100002	LOCK NUT 10	1	1	1	1				
76-1	1	26756-100002	LOCK NUT M10 PLATED	1	1	1	1				N
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
77	1	81701-000101	HANDLE ASSY,REMO-CON				1	1			
78	2	41701-000201	BRACKET				1	1			
79	2	41701-000221	COVER, HANDLE MOUNT				1	1			
80	2	26584-080552	SCREW M 8X 55				3	3			
81	2	26584-080452	SCREW M 8X 45				1	1			
82	2	125310-67280	BOLT				1	1			
83	2	125310-67290	LOCK NUT				1	1			
84	2	41701-000241	LEVER				1	1			
85	2	41701-000260	SHAFT				1	1			
86	2	41701-000281	HANDLE				1	1			
87	2	22322-040300	TAPER PIN 4X30				2	2			
88	2	125310-67270	RETAINER, HANDLE				1	1			
89	2	125310-67260	GRIP, HANDLE				1	1			
90	2	41701-000361	PIN				1	1			
91	2	41701-001240	WASHER				1	1			
92	1	41701-000430	CABLE,REMO-CON.				1	1			2
93	1	41701-000440	CABLE,REMO-CON.				1	1			2
94	1	41701-000450	CABLE,REMO-CON.				1	1			2
95	1	41701-000460	CABLE,REMO-CON.				1	1			2
96	1	41701-000470	CABLE,REMO-CON.				1	1			2
97	1	124772-67110	BRACKET, CABLE	1	1	1	1				
98	1	121370-67100	BRACKET, CABLE	1	1	1	1				
99	1	26117-060129	BOLT M 6X 12 PLATED	2	2	2	2				
100	1	22212-060000	SPRING WASHER 6	2	2	2	2				
100-1	1	22217-060000	SPRING WASHER 6	2	2	2	2				N
(A=E/XXX) (B=E/XXX) (C=E/XXX) (D=E/XXX)											
101	1	26557-050102	SCREW M 5X 10	2	2	2	2				
102	1	22212-050000	SPRING WASHER 5	2	2	2	2				
102-1	1	22217-050000	SPRING WASHER 5	2	2	2	2				N

++ CONTINUE ++

Fig.17.GOVERNOR



Remarks

(1)A PART ADDED AND/OR CHANGED DUE TO CHANGE OF GOVERNOR FROM THE 2-POINT TYPE TO THE 3-POINT TYPE FROM JULY, 1976. CHANGED FROM E/#80394 FOR 2QM AND E/#80346 FOR 3QM.

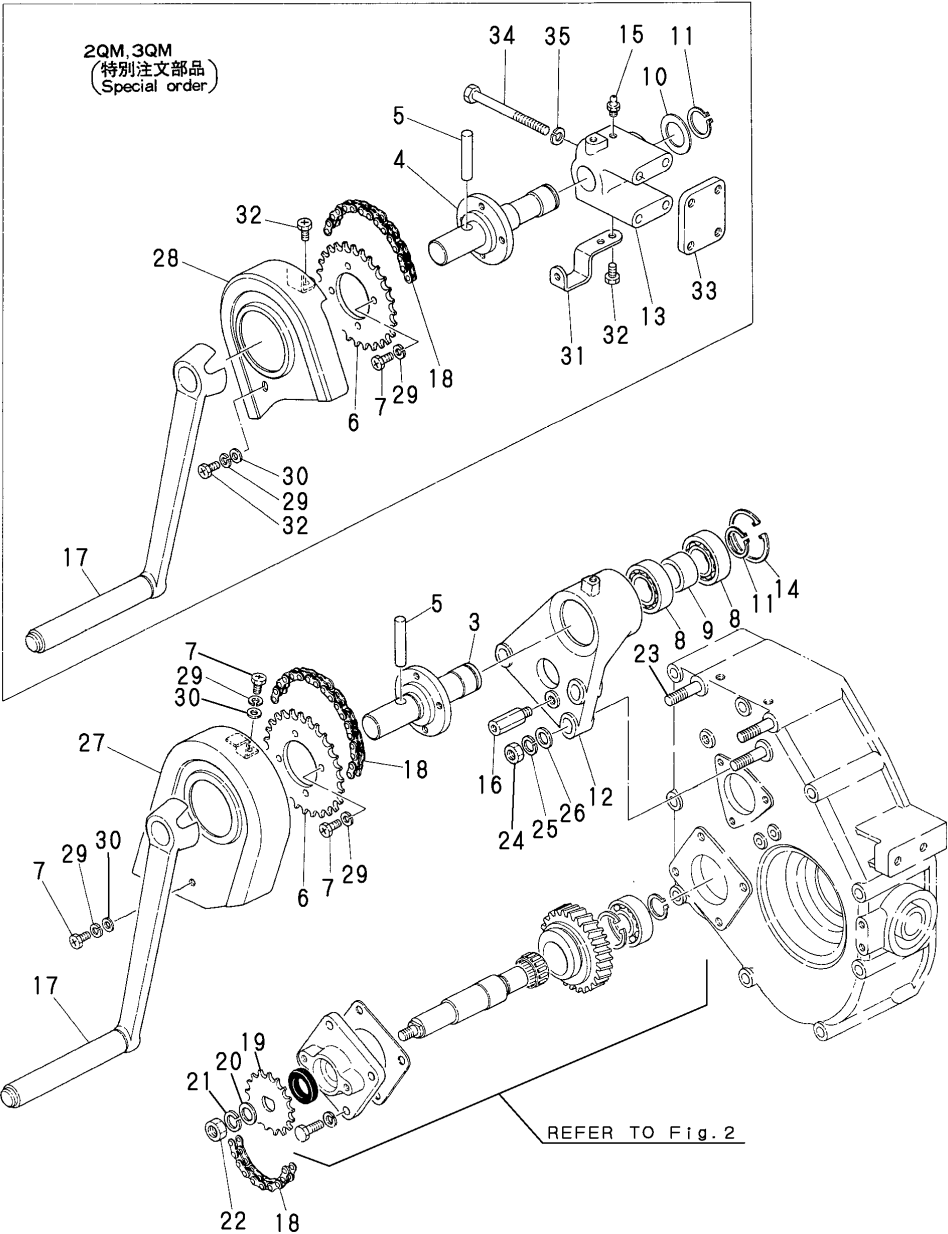
(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

[illegible]

Fig.18.HAND STARTING MECHANISM

1inc.3 ~ 30
2inc.4 ~ 35

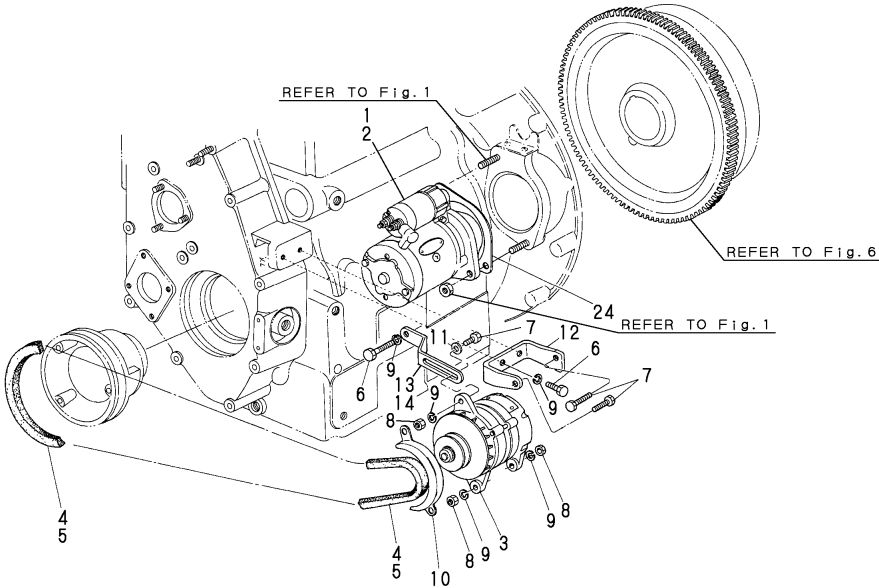
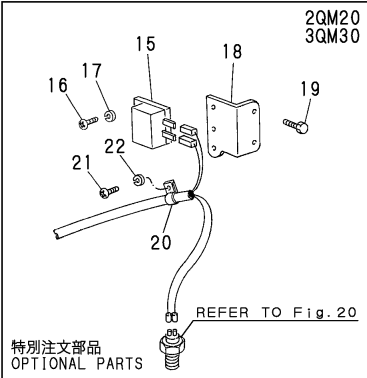


(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-76110	CHAIN ASSY, STARTING	1	1						
2	1	724790-76110	CHAIN ASSY, STARTING				1	1			
3	2	124770-76200	SHAFT, STARTING	1	1						
4	2	124790-76200	SHAFT, STARTING				1	1			
5	2	22312-100500	PIN 10X50,STRAIGHT	1	1	1	1				
6	2	124770-76010	SPROCKET (A)	1	1	1	1				
7	2	26117-060129	BOLT M 6X 12 PLATED	6	6	4	4				
8	2	24104-062054	BALL BEARING	2	2						
9	2	124770-76280	SPACER	1	1						
10	2	124790-76250	SPACER				1	1			
11	2	22242-000250	CIRCLIP 25S	1	1	1	1				
12	2	124770-76300	BRACKET	1	1	1	1				
13	2	124790-76300	BRACKET				1	1			
14	2	22252-000520	CIRCLIP 52	1	1						
15	2	24764-010000	NIPPLE M6F, GREASE				1	1			
16	2	124770-76180	BOLT, CHAIN COVER	1	1						
17	2	125110-76800	HANDLE, STARTING	1	1	1	1				
18	2	25210-430670	CHAIN 43X67	1	1	1	1				
19	2	124770-76100	SPROCKET	1	1	1	1				
20	2	22137-100000	WASHER 10,POLISHED	1	1	1	1				
21	2	22212-100000	WASHER, 10	1	1	1	1				
21-1	2	22217-100000	SPRING WASHER 10	1	1	1	1				N
(A=E) (B=E) (C=E) (D=E)											
22	2	26736-100002	NUT M10	1	1	1	1				
23	2	26226-100382	STUD M10X 38 PLATED	3	3						
24	2	26716-100002	NUT 10	3	3						
25	2	22212-100000	WASHER, 10	3	3						
25-1	2	22217-100000	SPRING WASHER 10	3	3						N
(A=E) (B=E)											
26	2	22137-100000	WASHER 10,POLISHED	3	3						
27	2	124770-76170	COVER, CHAIN	1	1						
28	2	124790-76170	COVER, CHAIN				1	1			
29	2	22212-060000	SPRING WASHER 6	6	6	5	5				
29-1	2	22217-060000	SPRING WASHER 6	6	6	5	5				N
(A=E) (B=E) (C=E) (D=E)											
30	2	22137-060000	WASHER 6, POLISHED	2	2	1	1				
31	2	124790-76190	BRACKET				1	1			
32	2	26117-060129	BOLT M 6X 12 PLATED				4	4			
33	2	124790-76310	RETAINER				1	1			
34	2	26116-080902	BOLT M 8X 90 PLATED				4	4			
35	2	22212-080000	SPRING WASHER 8				4	4			
35-1	2	22217-080000	SPRING WASHER 8				4	4			N
(C=E) (D=E)											

Fig.19.STARTING MOTOR & GENERATOR

P/C NEWS No:Y00R0919-1
PUBLISHED:2005/9



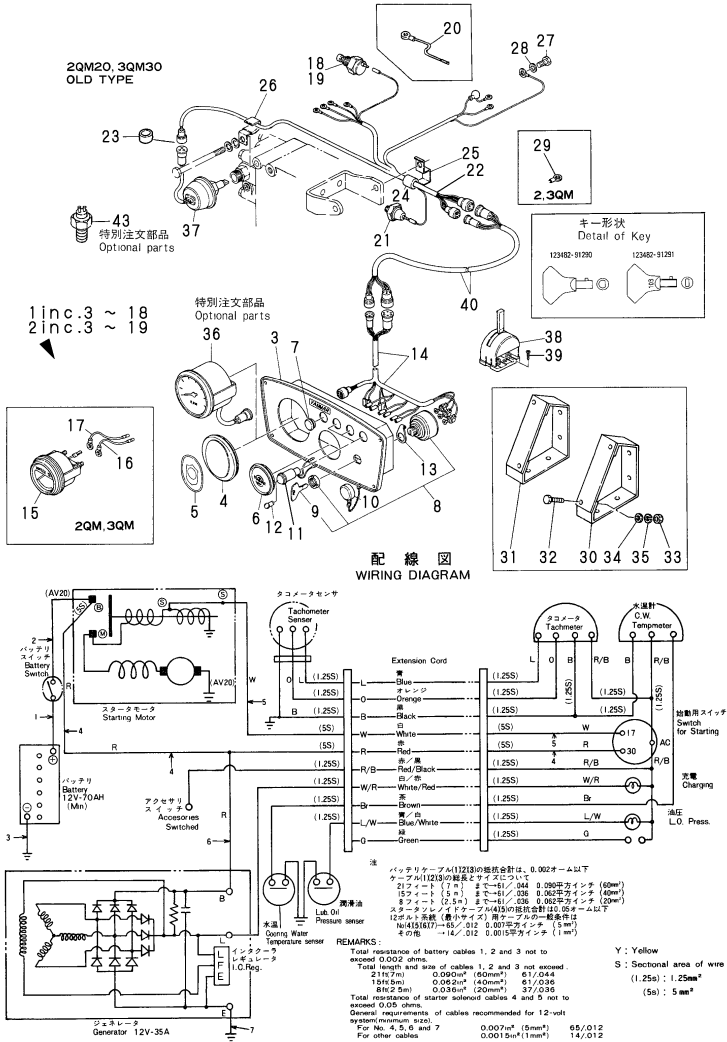
Y00R0919 19.STARTING MOTOR & GENERATOR

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-77010	STARTER	1							
2	1	121370-77010	STARTER (S12-47)		1	1	1				
3	1	121370-77200	GENERATOR	1	1	1	1				
4	1	124772-42780	V-BELT (A-32)	1	1	1	1				
4-1	1	124772-77350	V-BELT (A-32)	1	1	1	1				N
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)									
5	1	124240-42291	V-BELT (A-37)				1	1			
6	1	26116-080222	BOLT M 8X 22 PLATED	3	3	2	2				
7	1	26116-080302	BOLT 8X30	3	3	3	3				
8	1	26716-080002	NUT M 8	3	3	3	3				
9	1	22212-080000	SPRING WASHER 8	6	6	5	5				
9-1	1	22217-080000	SPRING WASHER 8	6	6	5	5				N
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)									
10	1	121250-77210	COVER, GENERATOR	1	1	1	1				
11	1	22137-080000	WASHER 8, POLISHED	1	1	1	1				
12	1	124770-77250	BRACKET, GENERATOR	1	1	1	1				
13	1	124770-77330	ADJUSTER, BELT	1	1						
14	1	124790-77330	ADJUSTER, BELT				1	1			
15	1	124070-77800	BOX, FUSE	1	1						W
		(A=E/#85658) (B=E/#81661)									
15-1	1	124070-77801	BOX, FUSE (304)	1	1						N
		(A=E/#87587) (B=E/#83271)									
16	1	26557-050162	SCREW M 5X 16	2	2						W
		(A=E/#85658) (B=E/#81661)									
17	1	22212-050000	SPRING WASHER 5	2	2						W
		(A=E/#85658) (B=E/#81661)									
18	1	124772-77810	BRACKET, FUSE BOX	1	1						W
		(A=E/#85658) (B=E/#81661)									
19	1	26116-080142	BOLT 8X14	2	2						W
		(A=E/#85658) (B=E/#81661)									
20	1	105584-59870	RETAINER	1	1						W
		(A=E/#85658) (B=E/#81661)									
21	1	26557-050082	SCREW M 5X 8	1	1						W
		(A=E/#85658) (B=E/#81661)									
22	1	22212-060000	SPRING WASHER 6	1	1						W
		(A=E/#85658) (B=E/#81661)									
23	1	46150-003660	FUSE	1	1						W 1
		(A=E/#85658) (B=E/#81661)									
23-1	1	46150-003680	FUSE 30A	1	1						N 1
		(A=E/#87587) (B=E/#83271)									
24	1	124770-77081	GASKET	1	1						

Remarks
(1)NOT ILLUSTRATED.

Fig.20.INSTRUMENT PANEL



Remarks

(1)NEW TYPE REFER TO FIG.21.

(2)EXCLUSIVE FOR 123482-91250

(3)EXCLUSIVE FOR 123482-91251

(4)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.20.

(5)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.18-1.

(6)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.19-1.

(7)REFER TO FIG.21 FOR ILLUSTRATED.

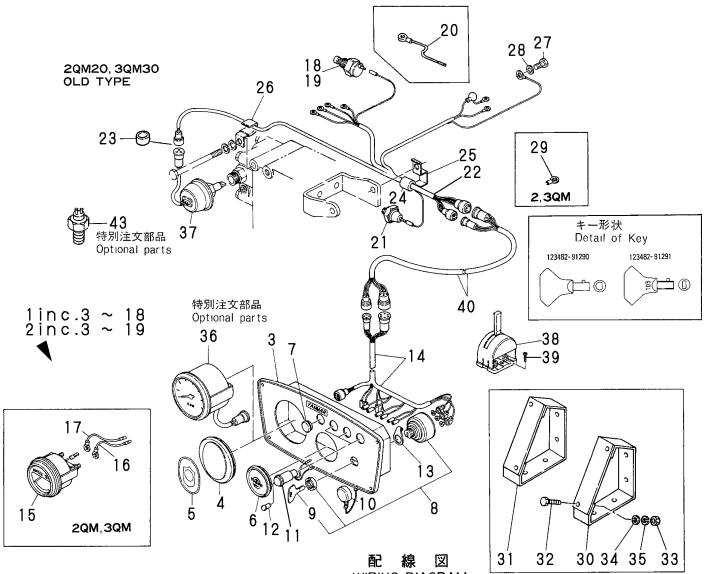
(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

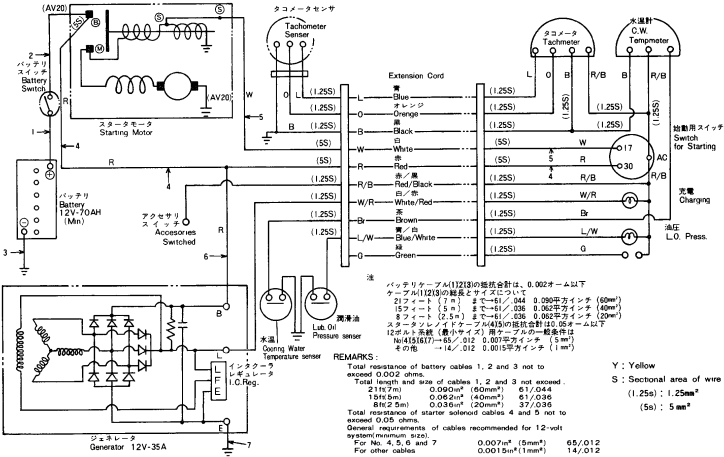
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-91000 (A=E/#85657) (B=E/#81660)	PANEL ASSY, INSTRUM.	1	1					Z	1
2	1	124790-91000	PANEL ASSY, INSTRUM.				1	1			
3	2	124770-91010	HOUSING, PANEL		1	1	1	1			
4	2	124770-91200	COVER 80	1	1	1	1	1			
5	2	101400-55440	LABEL, "YANMAR"	1	1	1	1	1			
6	2	124770-91220	COVER 52	1	1						
7	2	124770-91230	COVER 16	1	1	1	1	1			
8	2	124770-91250	SWITCH W/KEY	1	1	1	1	1			
8-1	2	123482-91250 (A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)	SWITCH W/KEY	1	1	1	1	1			N
8-2	2	123482-91251 (A=*1978.09) (B=*1978.09) (C=*1978.09) (D=*1978.09)	SWITCH W/KEY	1	1	1	1	1			N
9	3	124770-91290	KEY	1	1	1	1	1			
9-1	3	123482-91290	KEY, SWITCH	1	1	1	1	1			S 2
9-2	3	123482-91291 (A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)	KEY, SWITCH	1	1	1	1	1			S 3
10	2	124770-91260	CAP, SWITCH	1	1	1	1	1			
11	2	124770-91040	LAMP, PILOT	3	3	2	2	2			
12	3	46150-001110	BULB(12V3W/G11.BA9S)	3	3	2	2	2			
13	2	124770-91270	CLAMP	1	1	1	1	1			
14	2	124770-91030	HARNESS, WIRE	1	1	1	1	1			
15	2	124790-91400	THERMOMETER, WATER				1	1			
16	2	124790-91430	WIRE (A)				1	1			
17	2	124790-91440	WIRE (B)				1	1			
18	2	46150-004530	SENDER UNIT, CW	1	1						
18-1	2	123682-91340 (A=E/#86262) (B=E/#82258)	SENDER UNIT, CW	1	1						F 4
19	2	46150-400590	SENDER UNIT, CW				1	1			
19-1	2	144626-91590 (C=EXXX) (D=EXXX)	SENDER UNIT, CW				1	1			N
19-2	2	144626-91570 (C=E/#81931) (D=E/#81847)	SENDER UNIT, CW				1	1			S
20	1	124790-91440 (A=E/#86262) (B=E/#82258)	WIRE (B)	1	1						W
21	1	124160-39450	SWITCH, OIL PRESSURE	1	1	1	1	1			
22	1	121370-77920	HARNESS, WIRE	1	1	1	1	1			
22-1	1	124772-77920	HARNESS, WIRE	1	1						N
22-2	1	124772-77921 (A=*1978.05) (B=*1978.05) (A=E/#86262) (B=E/#82258)	HARNESS, WIRE	1	1						F 5
22-3	1	124790-77920 (C=E/#81931) (D=E/#81847)	HARNESS, WIRE				1	1			F 6
23	1	124770-77980	CAP	1	1	1	1	1			
24	1	124770-77940	PROTECTOR	1	1	1	1	1			
25	1	124770-77950	CLAMP(A)	1	1	1	1	1			
26	1	124770-77960	CLAMP (B)	1	1	2	2				
27	1	26117-080129	BOLT M 8X 12	1	1	1	1	1			
28	1	22137-080000	WASHER 8, POLISHED	1	1	1	1	1			
29	1	124223-77840 (C=E/#81931) (D=E/#81847)	TERMINAL SET				1	1			Z
30	1	124790-91710	BRACKET (R)				1	1			
31	1	124790-91720	BRACKET (L)				1	1			

++ CONTINUE ++

Fig.20.INSTRUMENT PANEL



配線図
WIRING DIAGRAM



Remarks
(1)NEW TYPE REFER TO FIG.21.

(2)EXCLUSIVE FOR 123482-91250

(3)EXCLUSIVE FOR 123482-91251

(4)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.20.

(5)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.18-1.

(6)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.19-1.

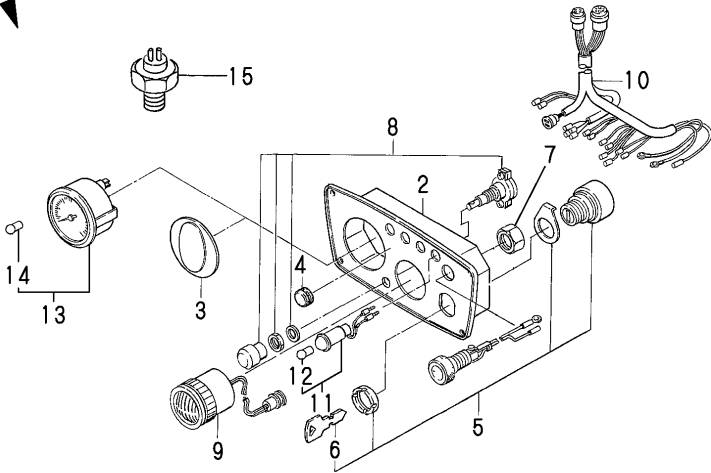
(7)REFER TO FIG.21 FOR ILLUSTRATED.

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

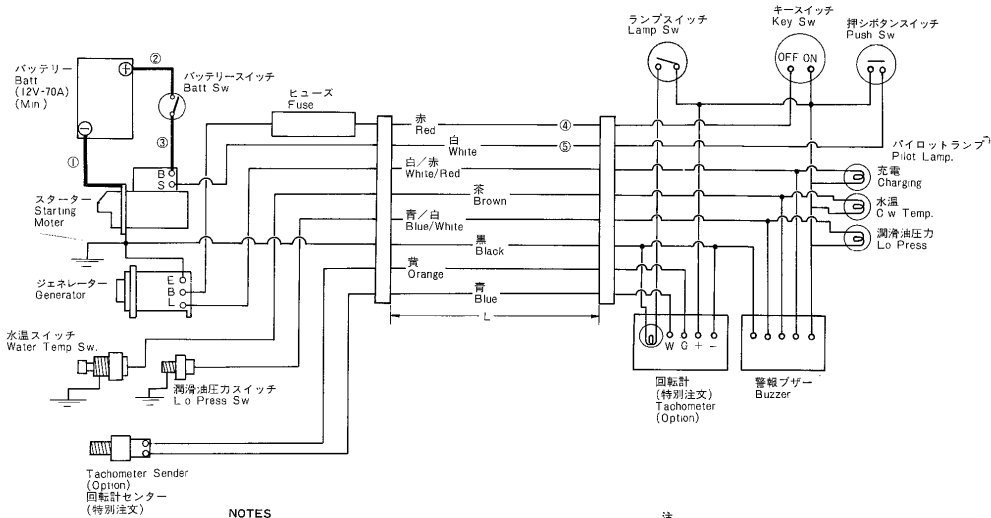
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	1	26113-040259	BOLT M 8X 25			4	4				
33	1	26713-040002	NUT M 4			4	4				
34	1	22113-040000	WASHER 4			4	4				
35	1	22212-040000	SPRING WASHER 4			4	4				
35-1	1	22217-040000	SPRING WASHER 4 (C=EXXX) (D=EXXX)			4	4			N	
36	1	124770-91100	TACHOMETER, ELECTRIC	1	1	1	1				
37	1	124770-91160	TACHOMETER, ELECTRIC	1	1	1	1				
37-1	1	124770-91161	SENCER	1	1	1	1			N	
		(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)									
38	1	123310-77640	SWITCH, BATTERY	1	1	1	1				
39	1	22724-800380	SCREW 8X 38	2	2	2	2				
40	1	124770-91500	CORD	1	1	1	1				
41	1	104571-91100	TACHOMETER	1	1					W	7
		(A=*1978.10) (B=*1978.10)									
42	1	46150-001110	BULB(12V3W/G11.BA9S)	1	1					W	7
		(A=*1978.10) (B=*1978.10)									
43	1	124070-91160	SENDER UNIT	1	1					W	
		(A=*1978.10) (B=*1978.10)									

Fig.21.INSTRUMENT PANEL

1 inc.2 ~ 12



配線図
WIRING DIAGRAM



NOTES

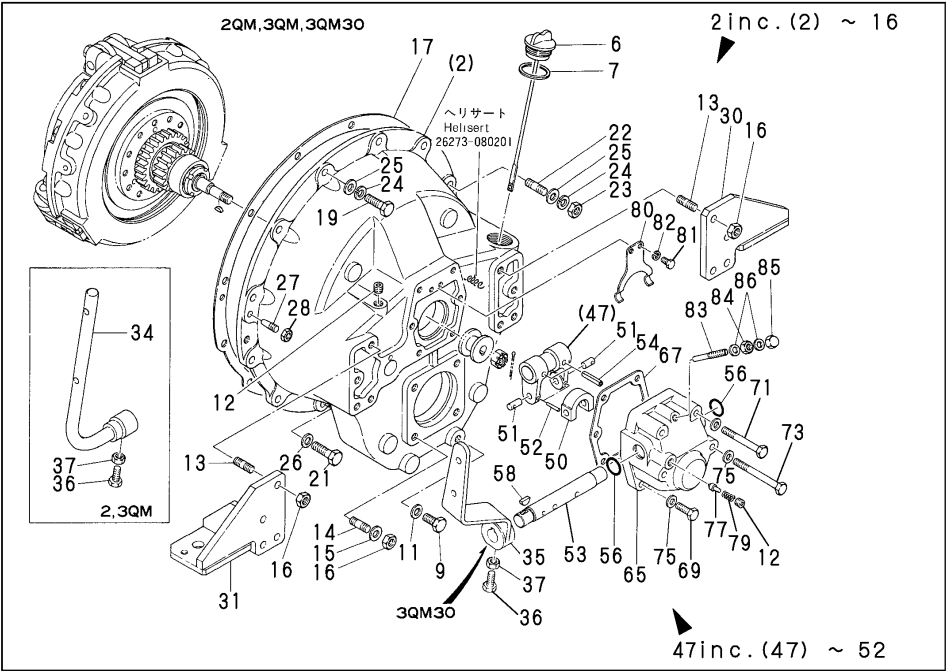
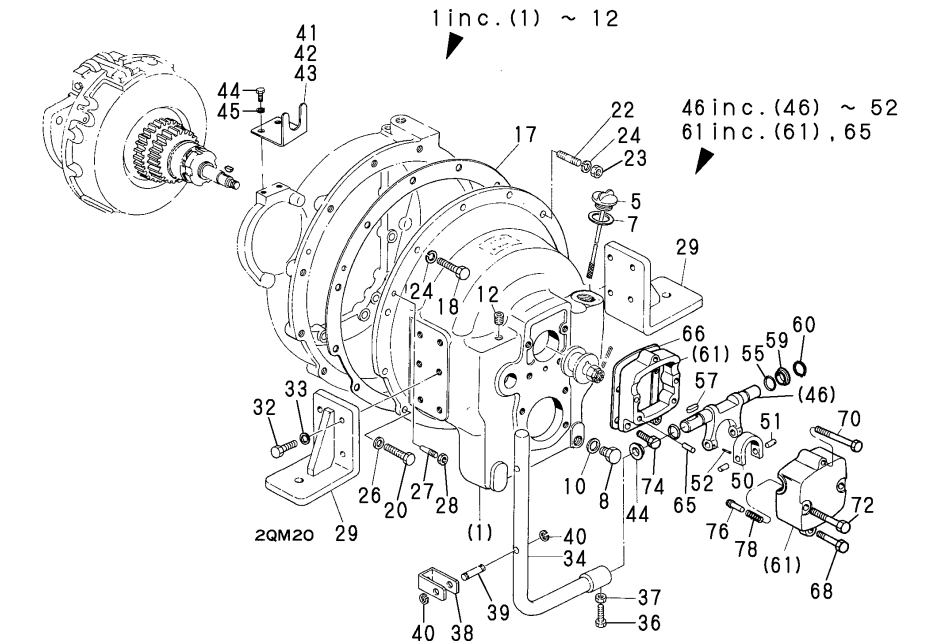
Total resistance of battery cables ①, ② and ③ not to exceed 0.002 ohms
Guide to total length and size of cables 1, 2 and 3
Length up to not exceeding
21ft (7m) → 60mm²
15ft (5m) → 40mm²
8ft (2.5m) → 20mm²
(L)=less than 3m No ④ and ⑤ → 5mm² other cables → 1mm²(min)
(L)=less than 6m No ④ and ⑤ → 8mm² other cables → 2mm²(min)

注

バッテリーケーブル①②③の抵抗合計は、0.002オーム以下
ケーブル①②③の総長とサイズについて次の長さを越えないこと。
21フィート(7m)迄 60mm²
15フィート(5m)迄 40mm²
8フィート(2.5m)迄 20mm²
(L)=3m以下: ④と⑤ 5mm²
その他のケーブル 1mm²以上
(L)=6m以下: ④と⑤ 8mm²
その他のケーブル 2mm²以上

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124070-91000	PANEL ASSY, INSTRUM.	1	1						
2	2	124070-91010	HOUSING, PANEL	1	1						
3	2	124770-91200	COVER 80	1	1						
4	2	124770-91230	COVER 16	1	1						
5	2	124070-91250	SWITCH W/KEY	1	1						
6	3	124070-91290	KEY, SWITCH	1	1						
7	2	124070-91300	SWITCH	1	1						
8	2	124070-91310	SWITCH	1	1						
9	2	104271-91350	BUZZER, ALARM	1	1						
10	2	124070-91030	HARNESS, WIRE	1	1						
11	2	124770-91040	LAMP, PILOT	3	3						
12	3	124770-91040	LAMP, PILOT	3	3						
13	1	104571-91100	TACHOMETER	1	1						
14	2	46150-001110	BULB(12V3W/G11.BA9S)	1	1						
15	2	124070-91160	SENDER UNIT	1	1						

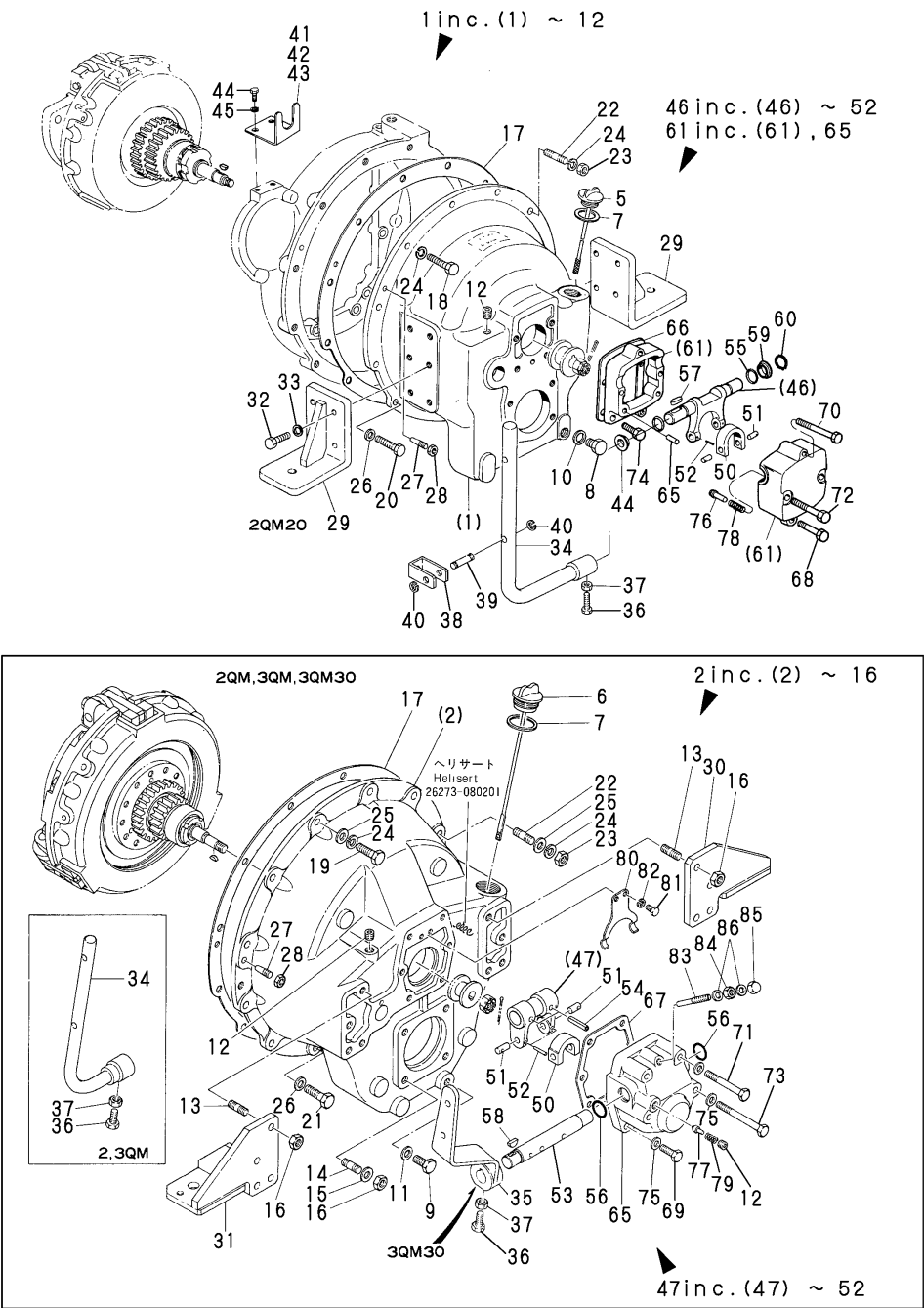
Fig.22.CLUTCH HOUSING



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-82550	HOUSING ASSY, CLUTCH	1							
1-1	1	724770-82551	HOUSING ASSY, CLUTCH	1							N
(A=EXXX)											
2	1	776000-02550	HOUSING ASSY, CLUTCH		1	1	1				
5	2	124770-82900	CAP W/DIPSTICK	1							
6	2	176000-02901	CAP W/DIPSTICK		1	1	1				
7	2	101104-01760	GASKET, CAP	1	1	1	1				
8	2	23883-160002	PLUG 16	1							
9	2	26114-100222	BOLT M10X 22		1	1	1				
10	2	23414-160000	GASKET 16, ROUND	1							
11	2	23414-100000	GASKET 10, ROUND		1	1	1				
12	2	23873-010000	PLUG PT 1/8	1	2	2	2				
13	2	26226-100222	STUD M10X 22 PLATED		8	8	8				
14	2	26226-100202	STUD M10X 20 PLATED		4	4	4				
15	2	22117-100000	WASHER 10		4	4	4				
16	2	26716-100002	NUT 10		12	12	12				
17	1	124770-82031	PACKING	1	1	1	1				
18	1	26116-100302	BOLT 10X30	6							
19	1	26116-100352	BOLT 10X35		6	6	6				
20	1	26113-100302	BOLT M10X 30	2							
21	1	26113-100352	BOLT 10* 35		2	2	2				
22	1	26216-100252	STUD M10X 25 PLATED	4	4	4	4				
23	1	26716-100002	NUT 10	4	4	4	4				
24	1	22212-100000	WASHER, 10	10	10	10	10				
24-1	1	22217-100000	SPRING WASHER 10	10	10	10	10				N
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
25	1	22117-100000	WASHER 10		10	10	10				
26	1	22113-100000	WASHER 10		2	2	2				
27	1	22332-080220	TAPER PIN 8X22		2	2	2				
28	1	26756-080002	LOCK NUT M 8 PLATED		2	2	2				
29	1	124770-82810	BRACKET	2							
30	1	176000-02801	BRACKET (A)		1	1	1				
31	1	176000-02811	BRACKET (B)		1	1	1				
32	1	26116-100252	BOLT M10X 25 PLATED	8							
33	1	22212-100000	WASHER, 10	8							
33-1	1	22217-100000	SPRING WASHER 10	8							N
(A=EXXX)											
34	1	104214-84450	HANDLE, OPERATING	1		1	1				
35	1	176000-04521	LEVER		1						
36	1	26116-080202	BOLT M 8X 20 PLATED	1	1	1	1				
37	1	26756-080002	LOCK NUT M 8 PLATED	1	1	1	1				
38	1	104214-86030	CONNECTOR	1		1	1				
39	1	41710-000860	PIN	1		1	1				
40	1	22272-000070	CIRCLIP E- 7	2		2	2				
41	1	124772-86100	BRACKET, REMOTE-CONT	1							
42	1	121370-86101	BRACKET, REMOTE-CONT		1						
43	1	124790-86100	BRACKET, REMOTE-CONT			1	1				
44	1	26116-060129	BOLT M 6X 12 PLATED	2	2	2	2				
45	1	22212-060000	SPRING WASHER 6	2	2	2	2				
45-1	1	22217-060000	SPRING WASHER 6	2	2	2	2				N
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											
46	1	120220-84472	FORK ASSY, LEVER	1							
47	1	105582-84470	FORK ASSY, LEVER		1	1	1				
50	2	120220-84300	BUSH, SHIFTER	1	1	1	1				

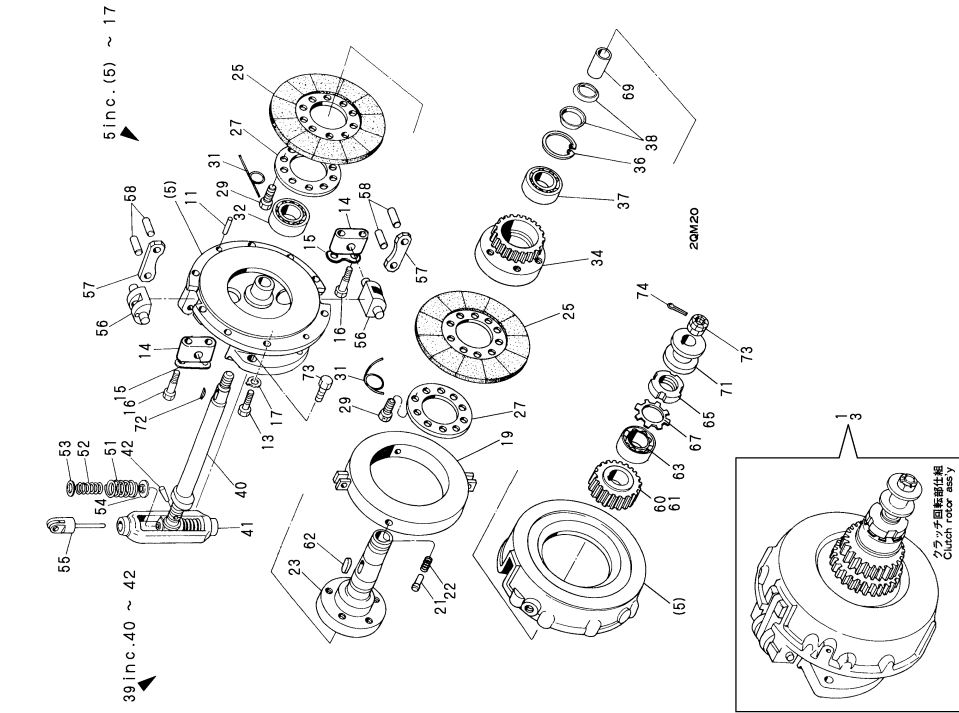
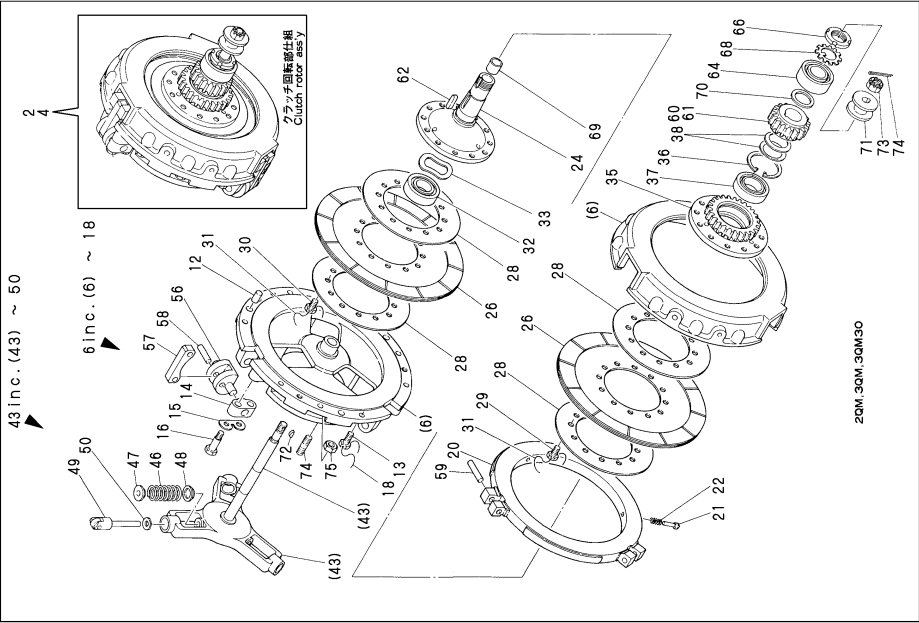
++ CONTINUE ++

Fig.22.CLUTCH HOUSING



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	2	22312-080180	PARALLEL PIN 8X16	2	2	2	2				
52	2	22322-030220	TAPER PIN 3X22	2	2	2	2				
53	1	105582-84150	SHAFT		1	1	1				
54	1	22351-060032	SPRING PIN 6X32		2	2	2				
55	1	24311-000180	O-RING 1A P-18.0	2							
56	1	24311-000200	O-RING 1A P-20.0		2	2	2				
57	1	22512-050180	KEY 5X 18	1							
58	1	22522-050160	KEY 5X16		1	1	1				
59	1	120220-84130	RETAINER, O-RING	2							
60	1	22242-000180	CIRCLIP 18	1							
61	1	704211-82500	COVER ASSY, REAR	1							
64	2	22312-040120	PARALLEL PIN 4X12	2							
65	1	705582-82500	COVER ASSY, REAR		1	1	1				
66	1	104211-82090	PACKING	1							
67	1	105582-82090	PACKING, REAR COVER		1	1	1				
68	1	26116-080352	BOLT M 8X 35	1							
69	1	26116-080302	BOLT 8X30		2	2	2				
70	1	26116-080552	BOLT 8X55	1							
71	1	26116-080702	BOLT M 8X 70 PLATED		2	2	2				
72	1	26116-080902	BOLT M 8X 90 PLATED	2							
73	1	26116-080852	BOLT M 8X 85 PLATED		2	2	2				
74	1	26116-080202	BOLT M 8X 20 PLATED	2							
75	1	22117-080000	WASHER 8		6	6	6				
76	1	124210-83360	CLAW	1							
77	1	105582-82120	CLAW		1	1	1				
78	1	120220-82130	SPRING	1							
79	1	105582-82130	SPRING		1	1	1				
80	1	176000-02201	SPRING		1	1	1				
81	1	26117-060129	BOLT M 6X 12 PLATED		2	2	2				
82	1	22212-060000	SPRING WASHER 6		2	2	2				
82-1	1	22217-060000	SPRING WASHER 6		2	2	2				N
(B=EXXX) (C=EXXX) (D=EXXX)											
83	1	105582-82780	BOLT		1	1	1				
84	1	26756-080002	LOCK NUT M 8 PLATED		1	1	1				
85	1	26668-080002	NUT,CAP 8		1	1	1				
86	1	23414-080000	GASKET 8, ROUND		2	2	2				

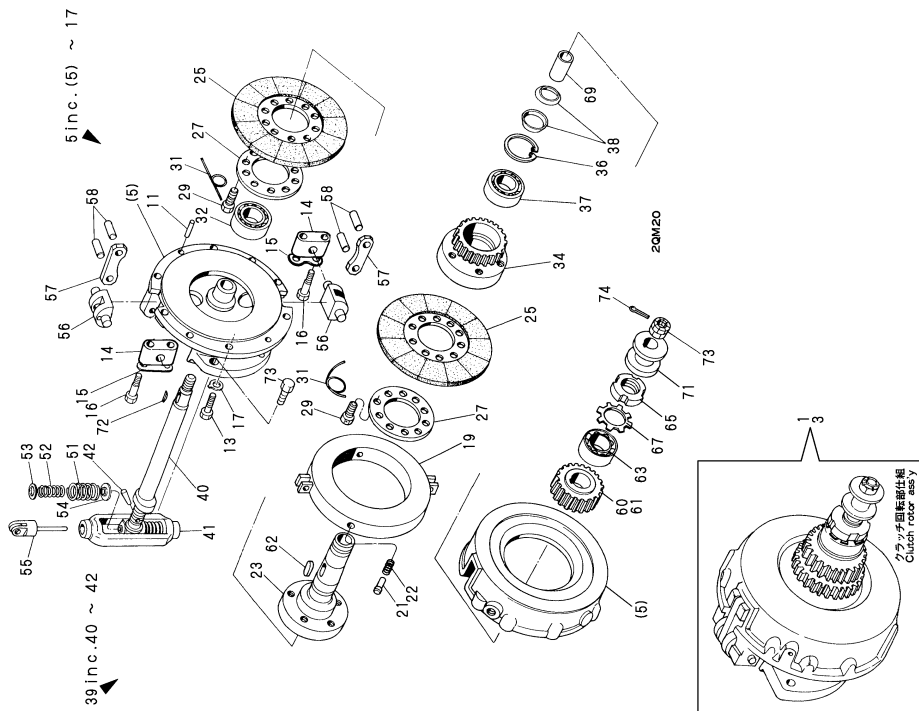
Fig.23.FRICTION DISC & AHEAD SHAFT



(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

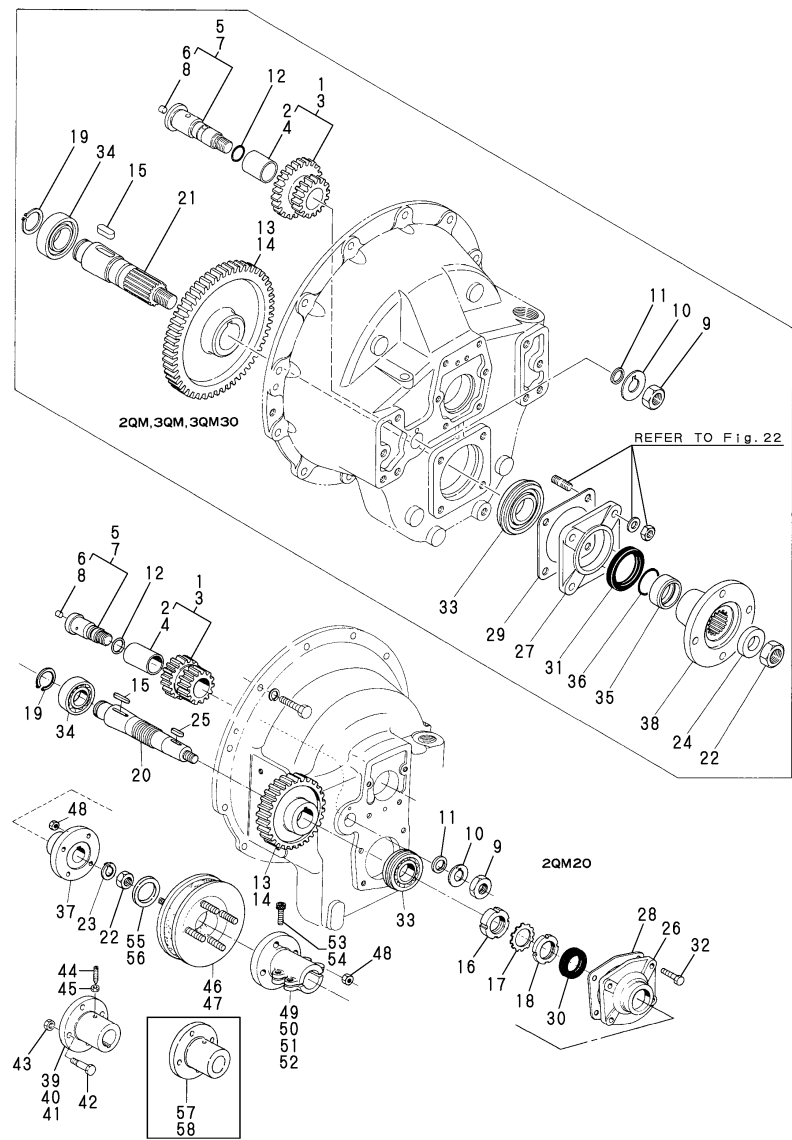
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-83730	ROTATOR(I=2.20) ASY	1							
2	1	776000-03730	ROTATOR(I=2.20) ASY		1	1	1				
3	1	724771-83730	ROTATOR(I=3.21) ASY	1							
4	1	776001-03730	ROTATOR(I=3.21) ASY		1	1	1				
5	2	724770-83150	HOUSING ASSY, CLUTCH	1							
6	2	776000-03720	HOUSING ASSY, CLUTCH		1	1	1				
11	3	22312-080180	PARALLEL PIN 8X16	2							
12	3	22312-100180	PARALLEL PIN 10X 18								
13	3	26116-080206	BOLT M 8X 20 PLATED	6	9	6	9				
14	3	122310-83380	FITTINGS, V-LEVER	2	3	3	3				
15	3	122310-83630	WASHER	2	3	2	3				
16	3	122310-83390	BOLT	4	6	6	6				
17	3	124210-83150	WASHER	6							
18	3	22451-100000	WIRE 1.0		3	3	3				
19	2	120220-83342	PLATE, FRICT. DISC	1							
20	2	176000-03150	PLATE, DISC		1	1	1				
21	2	124210-83360	CLAW	4	3	3	3				
22	2	124210-83370	SPRING	4	3	3	3				
23	2	124770-83210	SHAFT, FORWARD	1							
24	2	176000-03201	SHAFT, FORWARD		1	1	1				
25	2	124770-83300	DISC, FRICTION	2							
26	2	176000-03300	DISC, FRICTION		2	2	2				
27	2	124770-83330	WASHER	2							
28	2	176000-03330	WASHER		4	4	4				
29	2	104211-83290	BOLT	15							
30	2	120220-83290	BOLT		24	24	24				
31	2	22451-100000	WIRE 1.0	2	2	2	2				
32	2	24104-062054	BALL BEARING	1	1	1	1				
33	2	176000-03450	WASHER		1	1	1				
34	2	120220-83200	SHAFT, REVERSING	1							
35	2	176000-03211	SHAFT, REVERSING		1	1	1				
36	2	22252-000550	CIRCLIP 55	1	1	1	1				
37	2	24101-060064	BALL BEARING	1	1	1	1				
38	2	120220-83250	SPRING	2	2	2	2				
39	2	120220-84490	SHAFT ASSY, THRUST	1							
40	3	120220-84120	SHAFT, SHIFTING	1							
41	3	120220-84320	CASE	1							
42	3	22322-040400	TAPER PIN 4X40	1							
43	2	776000-03570	SHAFT ASSY, THRUST		1	1	1				
46	3	176000-03860	SPRING		3	3	3				
47	3	125110-84480	RETAINER		3	3	3				
48	3	125110-84490	RETAINER		3	3	3				
49	3	176000-03740	ROD W/ROLLER		3	3	3				
50	3	125110-84520	SHIM		3	3	3				
51	2	122310-84460	SPRING (A)	2							
52	2	122310-84470	SPRING (B)	2							
53	2	125110-84480	RETAINER	2							
54	2	125110-84490	RETAINER	2							
55	2	122310-84450	ROD W/ROLLER	2							
56	2	124210-84402	LEVER(V)	2	3	2	3				
57	2	122310-84421	LINK	2	3	2	3				
58	2	124210-84410	PIN	4	3	3	3				
59	2	122410-84450	PIN		3	3	3				
60	2	124770-83520	PINION Z=25 I=2.20	1	1	1	1				

++ CONTINUE ++



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	2	120221-83520	PINION Z=19 I=3.21	1	1	1	1				
62	2	22512-070260	KEY 7X 26	1	1	1	1				
63	2	24101-062054	BEARING #6205	1							
64	2	176000-03950	BEARING #5205S		1	1	1				
65	2	120220-83450	NUT	1							
66	2	24211-025002	NUT M25,BEARING		1	1	1				
67	2	122310-83460	WASHER	1							
68	2	24231-025000	WASHER 25,BEARING		1	1	1				
69	2	122310-83800	BUSH	1	1	1	1				
70	2	176000-03461	SPACER		1	1	1				
71	2	120220-84310	PLATE	1	1	1	1				
72	2	22522-040130	WOODRUFF KEY 4X13	1	1	1	1				
73	2	26887-120002	NUT M12	1	1	1	1				
74	2	22411-300250	PIN 3.0* 25	1	1	1	1				

Fig.24.IDLE GEAR SHAFT & THRUST SHAFT



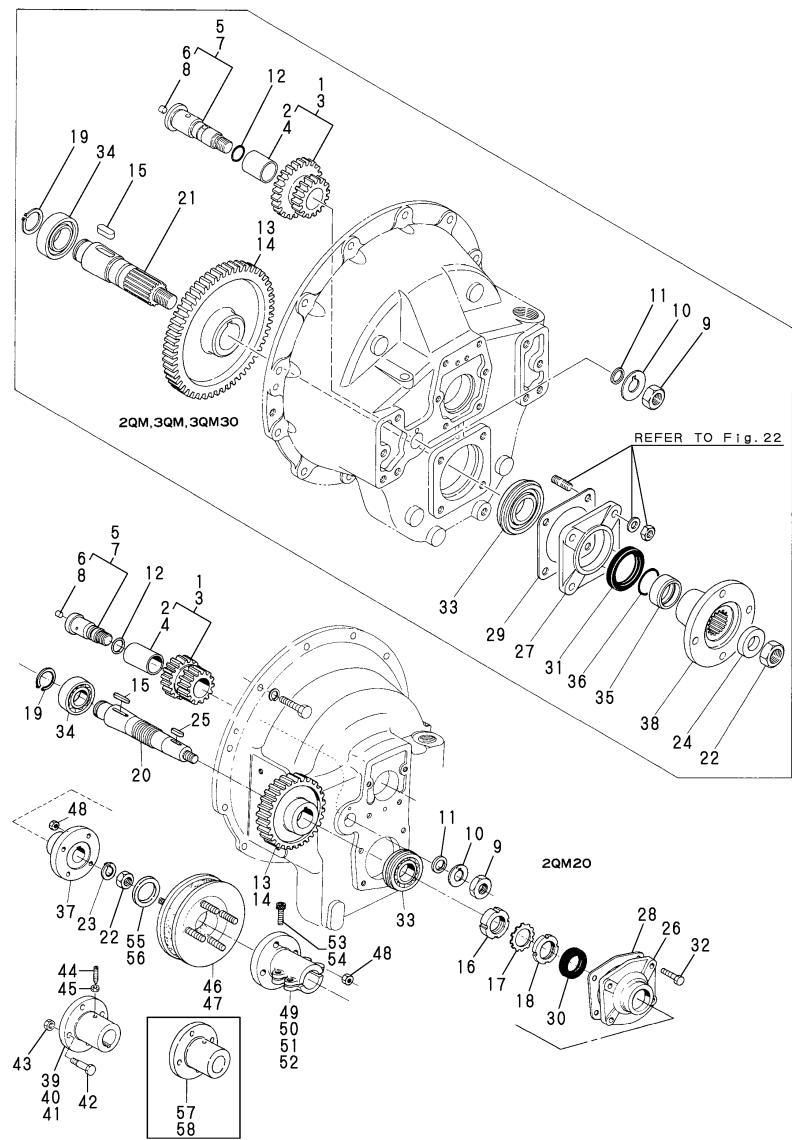
Remarks
(1)l=2.20
(2)l=3.21
(3)2QM & 2QM20:l=3.21
2QM20 & 3QM30:l=2.2
FROM REF.NO.39 UP TO REF.NO58 IS
OPTIONAL.

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-83030	GEAR (Z=23/26), IDLE	1	1	1	1				
2	2	120220-83060	BUSH	1	1	1	1				
3	1	120221-83030	GEAR W/BUSH, IDLE	1	1	1	1				
4	2	120220-83060	BUSH	1	1	1	1				
5	1	120220-83230	SHAFT, IDLE GEAR	1	1	1	1				
6	2	124210-83270	PLUG	1	1	1	1				
7	1	176000-03230	SHAFT, IDLE GEAR	1	1	1	1				
8	2	124210-83270	PLUG	1	1	1	1				
9	1	120220-83420	NUT	1	1	1	1				
10	1	120220-83410	WASHER	1	1	1	1				
11	1	120220-83260	WASHER	1	1	1	1				
12	1	24311-000180	O-RING 1A P-18.0	1	1	1	1				
13	1	124770-83530	GEAR(Z=55) l=2.20	1	1	1	1				
14	1	124221-83530	GEAR(Z=61) l=3.21	1	1	1	1				
15	1	22512-100260	KEY 10X 26	1	1	1	1				
16	1	120220-83470	NUT	1							
17	1	120220-83480	WASHER	1							
18	1	120220-83490	NUT, LOCK	1							
19	1	22242-000300	CIRCLIP 30	1	1	1	1				
20	1	124227-83220	SHAFT, THRUST	1							
21	1	176000-03651	SHAFT, THRUST		1	1	1				
22	1	26776-200002	LOCK NUT 20	1	1	1	1				
23	1	122310-83410	WASHER	1							
24	1	176000-03730	WASHER		1	1	1				
25	1	22512-070300	KEY 7X 30	1							
26	1	120220-82230	COVER, REAR	1							
27	1	176000-02401	COVER, REAR		1	1	1				
28	1	120220-82240	PACKING	1							
29	1	176000-02410	GASKET		1	1	1	1			
30	1	120220-82300	SEAL, OIL	1							
31	1	176000-02440	SEAL, OIL		1	1	1				
32	1	26116-100222	BOLT 10X22	4							
33	1	120220-82280	BEARING, BALL	1	1	1	1				
34	1	24101-062064	BALL BEARING	1	1	1	1				
35	1	176000-03721	SPACER		1	1	1				
36	1	24321-000350	O-RING 1A G-35.0		1	1	1				
37	1	122310-83400	COUPLING	1							
38	1	176000-03701	COUPLING (ENGINE)		1	1	1				
39	1	48110-028070	COUPLING 28	1		1					1
40	1	48110-030060	COUPLING 30	1	1	1	1				3
41	1	48110-034070	COUPLING 34		1		1				2
42	1	26116-100322	BOLT M10X 32 PLATED	4	4	4	4				
43	1	26716-100002	NUT 10	4	4	4	4				
44	1	48110-032411	SCREW	1	1	1	1				
45	1	26756-080002	LOCK NUT M 8 PLATED	1	1	1	1				
46	1	124770-85400	COUPLING	1							
47	1	121370-85401	COUPLING		1	1	1				
48	2	26736-100002	NUT M10	8	8	8	8				
49	1	104214-83500	COUPLING (28), SLIT	1							
50	1	104214-83980	COUPLING (20), SLIT	1							
51	1	104214-83990	COUPLING (1 INCH)	1							
52	1	121370-83981	COUPLING (25), SLIT		1						
53	2	26450-080282	BOLT M 8X 28	4							
54	2	26450-100302	BOLT M10X 30		6						

++ CONTINUE ++

Fig.24.IDLE GEAR SHAFT & THRUST SHAFT



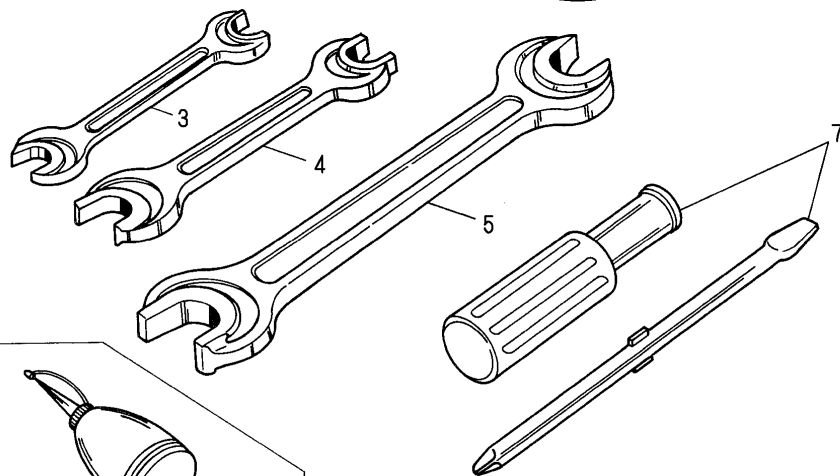
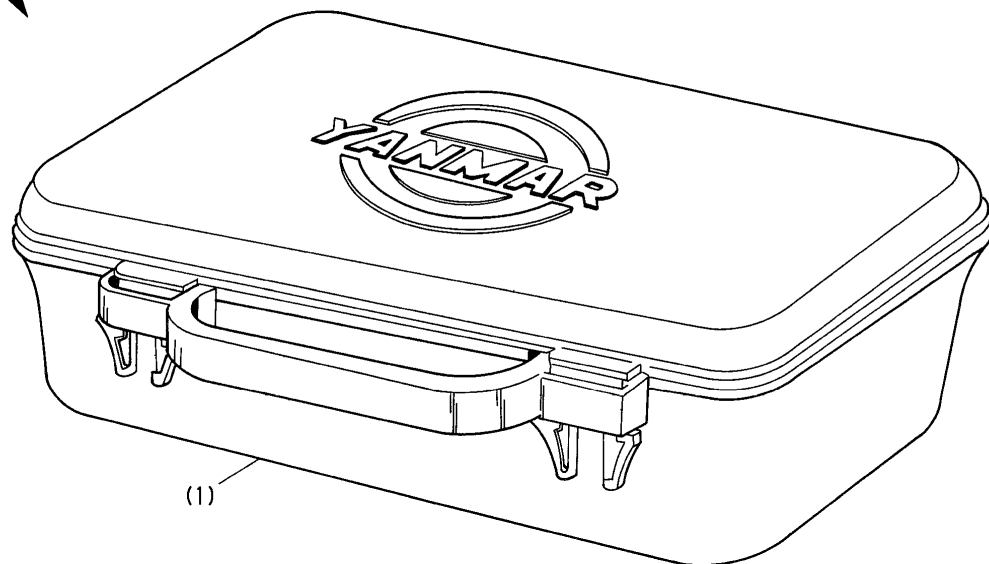
Remarks
(1)l=2.20
(2)l=3.21
(3)2QM & 2QM20:l=3.21
2QM20 & 3QM30:l=2.2
FROM REF.NO.39 UP TO REF.NO58 IS
OPTIONAL.

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
55	1	124772-85910	FITTINGS, COUPLING	1							W
		(A=*1978.03)									
56	1	121370-85910	RING, COUPLING		1	1	1				W
		(B=*1978.03)	(C=*1978.03)								
			(D=*1978.03)								
57	1	105583-85900	COUPLING 22	1							W
		(A=*1978.03)									
58	1	124323-85900	COUPLING		1						W
		(B=*1978.03)									

Fig.25.TOOL

1 inc. (1) ~ 5, 7



特別注文部品
Optional parts

Remarks

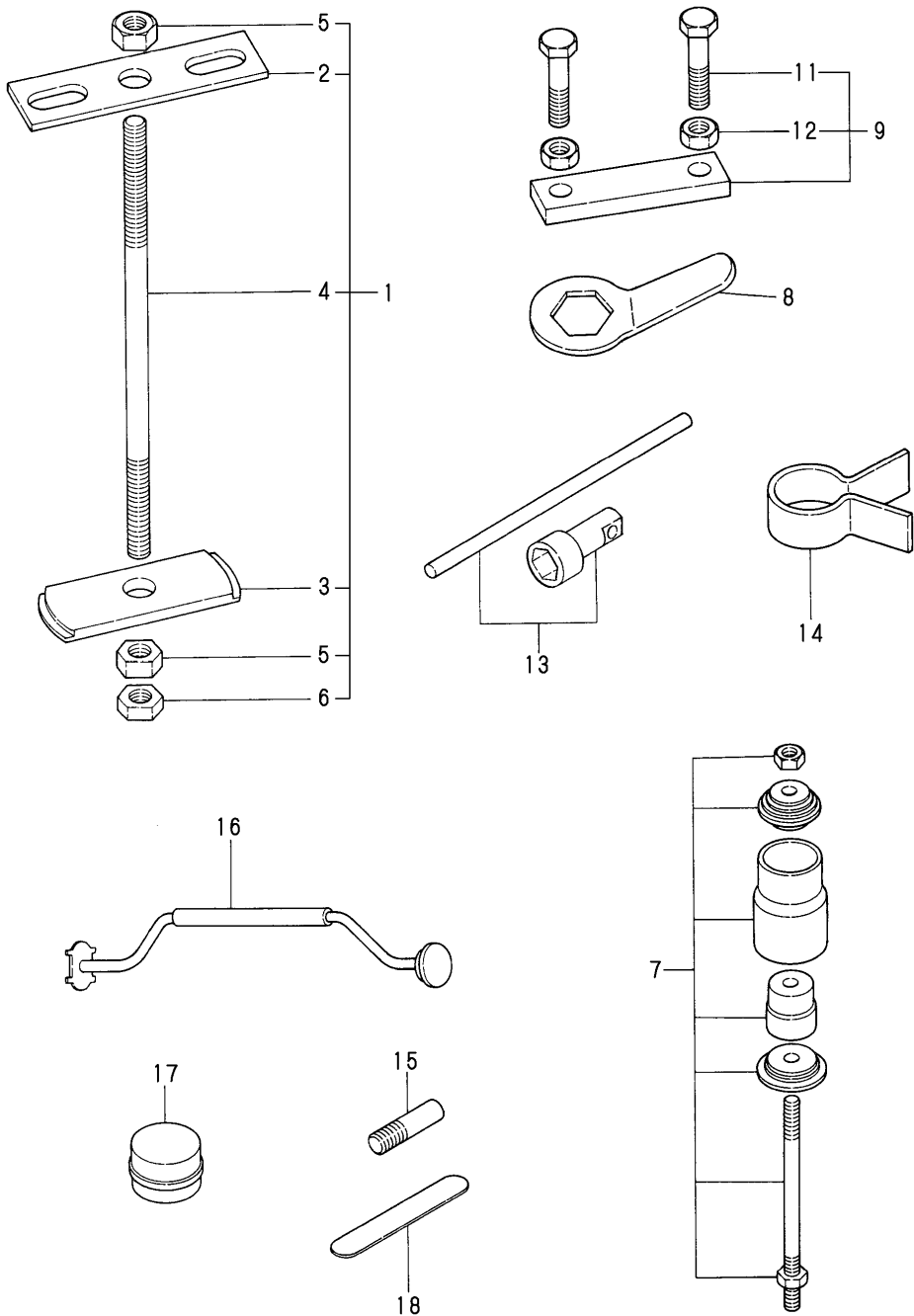
(1)FROM APRIL,1978,THE OIL FEEDER
IS AVAILABEL AS AN OPTIONAL.

(A)=2QM20
(B)=3QM30
(C)=2QM

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	704507-92100	SEE 704800-92100	1	1	1	1			
3	2	28110-100130	WRENCH 10X13	1	1	1	1			
4	2	28110-170190	WRENCH 17X19	1	1	1	1			
5	2	28110-220240	WRENCH 22X24	1	1	1	1			
6	2	28210-000150	FEEDER, OIL	1	1	1	1			
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)						Z 1
7	2	104200-92350	DRIVER, SCREW	1	1	1	1			

Fig.26.SPECIAL TOOL(OPTIONAL)



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724770-92210	TOOL, CYL LINER	1	1	1	1				
2	2	103338-92020	RETAINER	1	1	1	1				
3	2	101400-92010	RETAINER	1	1	1	1				
4	2	103338-92030	BOLT	1	1	1	1				
5	2	26717-160002	NUT M16	2	2	2	2				
5-1	2	26716-160002	NUT M16	2	2	2	2				R
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)				1	1	1	1				
6	2	26717-160002	LOCK NUT M16 PLATED	1	1	1	1				
6-1	2	26756-160002	LOCK NUT M16 PLATED	1	1	1	1				R
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)				1	1	1	1				
7	1	124460-92400	TOOL, MAIN-BEARING	1	1	1	1				
8	1	103338-92100	WRENCH, END NUT	1		1					
9	1	724770-92220	TOOL, FLYWHEEL	1		1					
11	2	104200-92130	BOLT	2		2					
12	2	26717-120002	NUT 12	2		2					
12-1	2	26716-120002	NUT 12	2		2					R
(A=EXXX) (C=EXXX)				1		1					
13	1	124770-92690	REPLACER, PULLEY	1		1					
14	1	101404-92140	TOOL, PISTON&RING	1	1	1	1				
15	1	101104-92180	PULLER, NOZZLE	1	1	1	1				
16	1	28210-000031	RAPPING TOOL	1	1	1	1				
17	1	28210-000070	LAPPING POWDER	1	1	1	1				
18	1	28312-150750	THICKNESS GAUGE	1	1	1	1				

Fig.27.PACKING KIT(OPTIONAL)

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724772-92600	GASKET SET	1							
2	1	721370-92600	GASKET SET		1						
3	1	724790-92600	GASKET SET			1					
4	1	721390-92600	GASKET SET				1				
5	2	124465-01750	GASKET	1		1					
5-1	2	124465-01751	GASKET	1		1				N	
	(A=EXXX)		(C=EXXX)								
6	2	121250-01750	GASKET, OIL SUMP		1		1				
6-1	2	121250-01751	GASKET, OIL SUMP		1		1			N	
		(B=EXXX)	(D=EXXX)								
7	2	124160-01861	GASKET	1	1	1	1				
7-1	2	124160-01863	GASKET	1	1	1	1			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
8	2	124450-01511	GASKET, GEAR HOUSING	1	1	1	1				
8-1	2	124450-01512	GASKET, GEAR HOUSING	1	1	1	1			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
9	2	124770-01861	GASKET	1	1	1	1				
10	2	124240-01881	GASKET, HYD.OIL PUMP	1	1	1	1				
10-1	2	124240-01882	GASKET, HYD.OIL PUMP	1	1	1	1			N	
	(A=EXXX)	(B=EXXX)	(C=EXXX)	(D=EXXX)							
11	2	124450-44410	GASKET	1	1	1	1				
12	2	124450-11681	GASKET	1	1	1	1				
13	2	123210-09310	PACKING	3	3	1	1				
14	2	104900-11450	GASKET, CHAMBER	4	6	4	6				
15	2	103854-11490	INSULATOR	2	3	2	3				
16	2	124450-11310	GASKET, BONNET	1		1					
17	2	121370-11310	GASKET, BONNET		1		1				
18	2	121370-11331	GASKET, BONNET		2		2				
18-1	2	124460-03663	GASKET		2		2			S	
		(B=EXXX)	(D=EXXX)								
19	2	124460-02150	GASKET	1	1	1	1				
20	2	124160-34842	GASKET		1		1				
20-1	2	124160-34843	GASKET		1		1			N	
		(B=EXXX)	(C=EXXX)								
20-2	2	124160-34844	GASKET		1		1			N	
		(B=EXXX)	(D=EXXX)								
21	2	124450-32020	GASKET	1	1	1	1				
22	2	124770-34730	GASKET	2	2	2	2				
23	2	124772-01610	GASKET	1	1	1	1				
24	2	124223-42020	GASKET	1	1	1	1				
25	2	124223-42110	GASKET	1	1	1					
26	2	145410-46110	PACKING				1				
27	2	124223-42140	GASKET	1	1	1					
28	2	121390-42140	GASKET				1				
29	2	104211-49160	PACKING	1							
30	2	121370-49160	PACKING		2						
31	2	124790-49760	PACKING, THERMOSTART			1	1				
32	2	124223-01850	GASKET, FEED PUMP	1	1	1	1				
33	2	124770-77081	GASKET	1	1	1	1				
34	2	124770-82031	PACKING	1	1	1	1				
35	2	120220-82090	PACKING	1							
36	2	105582-82090	PACKING, REAR COVER		1	1	1				
37	2	120220-82240	PACKING	1							
38	2	176000-02410	GASKET		1	1	1				

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

Fig.27.PACKING KIT(OPTIONAL)

(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						R
				(A)	(B)	(C)	(D)	(E)	(F)	
39	2	124550-51350	GASKET, DELIVERY	2	3	2	3			
40	2	174307-51270	GASKET	2	3	2	3			
41	2	172100-53200	GASKET	2	3	2	3			
42	2	23414-060000	GASKET 6, ROUND	5	5	5	5			
43	2	23414-080000	GASKET 8, ROUND	20	20	20	20			
44	2	23414-100000	GASKET 10, ROUND	5	5	5	5			
45	2	23414-120000	GASKET 12, ROUND	20	20	20	20			
46	2	23414-140000	GASKET 14, ROUND	5	5	5	5			
47	2	23414-160000	GASKET 16, ROUND	5	5	5	5			
48	2	23414-250000	GASKET 25,ROUND	5	5	5	5			

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Fig.28.SPAIR PART KIT

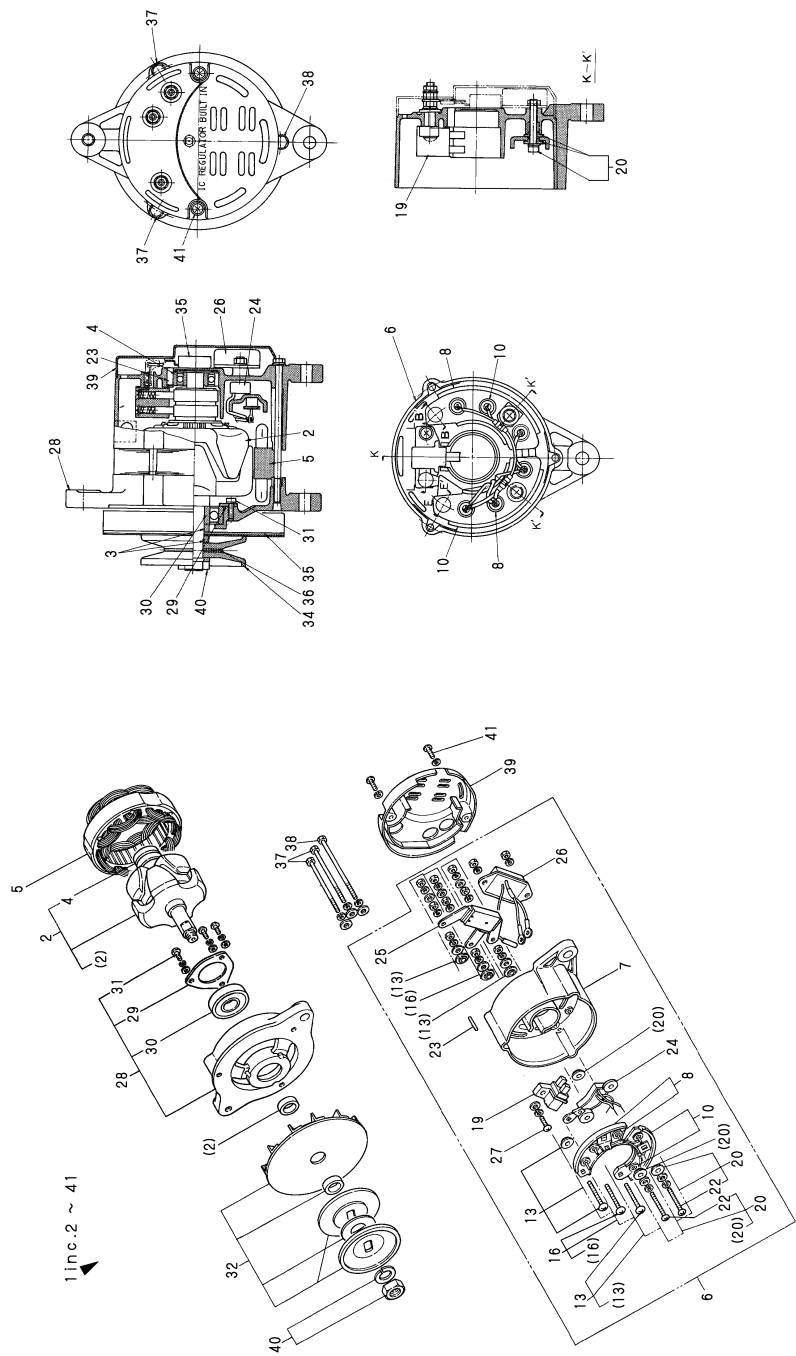
REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724772-92500	REPAIR SET	1							
2	1	721370-92500	REPAIR SET		1						
3	2	124750-01331	GASKET, CYL. HEAD	1							
3-1	2	124772-01330	GASKET, CYL. HEAD	1							N
	(A=*1979.12)										
4	2	121370-01330	GASKET, CYL. HEAD		1						
4-1	2	121370-01331	GASKET, CYL. HEAD		1						N
	(B=*1976.12)										
5	2	124450-11900	GASKET, SUC.MANIFOLD	1							
6	2	121250-13520	GASKET, EXH.MANIFOLD		3						
7	2	124770-13130	GASKET	1							
8	2	124770-13180	GASKET	1							
9	2	124770-13170	GASKET	1	2						
10	2	724750-22500	RING SET	2	3						
10-1	2	724790-22500	RING SET	2	3						N
	(A=*1978.03)										
	(B=*1978.03)										
11	2	124550-35110	ELEMENT, LUB. OIL	1	1						
12	2	104500-55710	ELEMENT, FUEL	1	1						
13	2	124223-42091	IMPELLER, C. WATER	1	1						
14	2	124770-49200	THERMOSTAT	1							
15	2	105582-49200	THERMOSTAT		1						
16	2	27210-200300	ZINC, ANTI-CORROSIVE	3	3						
17	2	124160-39450	SWITCH, OIL PRESSURE	1	1						
18	2	46150-004530	SENDER UNIT, CW	1	1						
18-1	2	123682-91340	SENDER UNIT, CW	1	1						F 1
	(A=E##86262)										
	(B=E##82258)										
19	2	124770-91040	LAMP, PILOT	3	3						
20	2	124770-53000	NOZZLE ASSY,F.INJECT	2	3						
21	2	124772-77350	V-BELT (A-32)	1	1						

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.
(1)REFER TO FIG.20 REF.NO.18-1.

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	724790-11990	GASKET, SET			1					
2	1	721390-11990	GASKET, SET				1				
3	2	24311-000140	O-RING 1A P-14.0			2	3				
4	2	124465-01750	GASKET			1					
4-1	2	124465-01751	GASKET			1					N
			(C=E XXX)								
5	2	121250-01750	GASKET, OIL SUMP				1				
5-1	2	121250-01751	GASKET, OIL SUMP				1				N
			(D=E XXX)								
6	2	124750-01331	GASKET, CYL. HEAD			1					
6-1	2	124772-01330	GASKET, CYL. HEAD			1					N
			(C=E XXX)								
7	2	121370-01330	GASKET, CYL. HEAD				1				
7-1	2	121370-01331	GASKET, CYL. HEAD				1				N
			(D=E XXX)								
8	2	121250-12710	GASKET, INT.MANIFOLD				1				
9	2	124450-11900	GASKET, SUC.MANIFOLD			1					
10	2	124770-13130	GASKET			1					
11	2	121250-13520	GASKET, EXH.MANIFOLD				3				
12	2	124450-44410	GASKET			1	1				
13	1	776000-02980	GASKET SET			1	1				
14	2	124770-82031	PACKING			1	1				
15	2	176000-02410	GASKET			1	1				
16	2	22411-300250	PIN 3.0* 25			1	1				
17	2	22451-100000	WIRE 1.0			3	3				
18	2	124210-83360	CLAW			3	3				
19	2	124210-83370	SPRING			3	3				

Remarks
THIS FIGURE ARE NOT ILLUSTRATED.

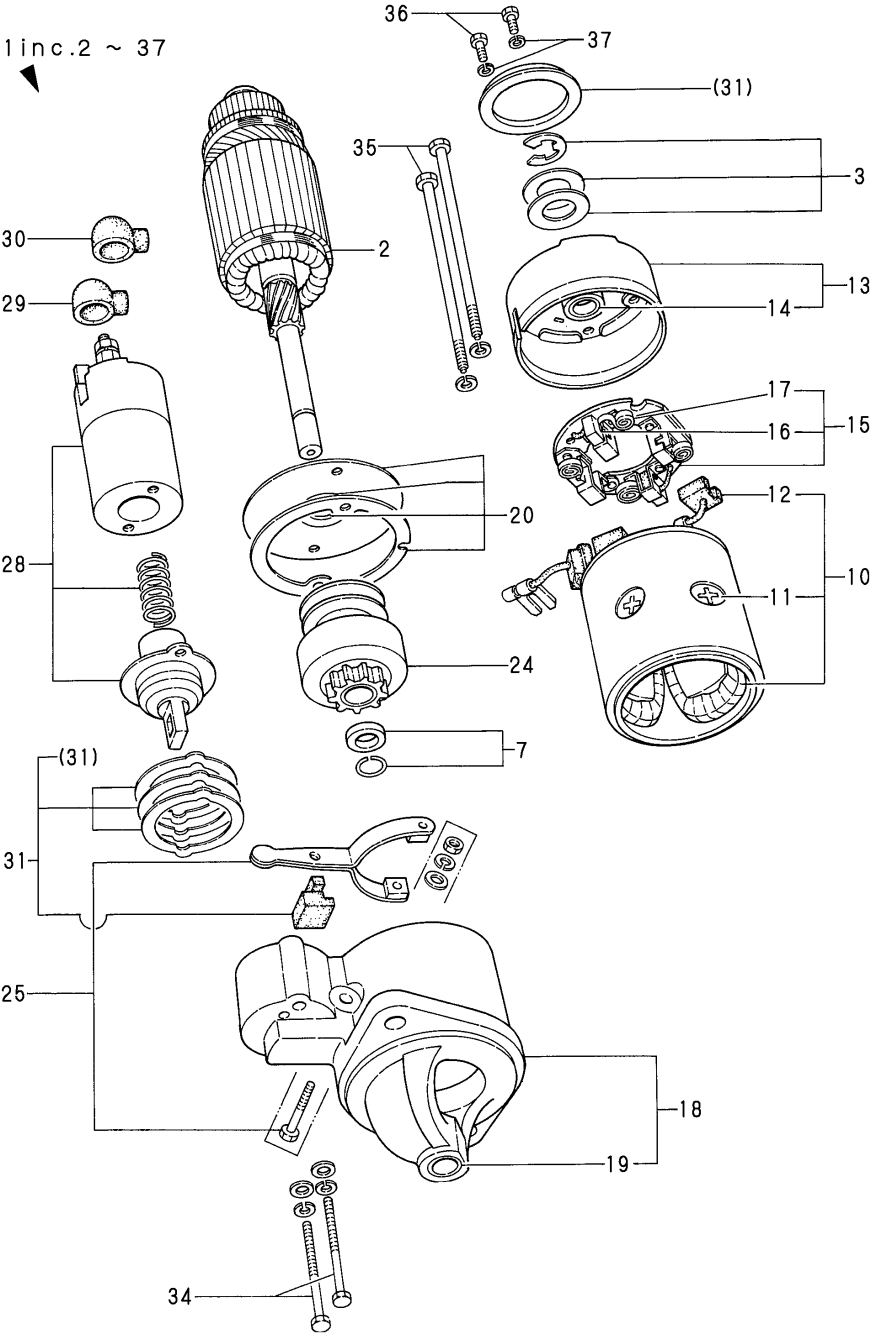
Fig.30.GENERATOR COMPONENT PART



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-77200	GENERATOR	1	1	1	1				
2	2	XL135Y1100	ROTOR ASSY	1	1	1	1				
4	3	X6201SD	BEARING	1	1	1	1				
5	2	XL135Y1200	STATOR ASSY	1	1	1	1				
6	2	XL135Y1300	COVER ASSY, REAR	1	1	1	1				
7	3	XL135Y1301	COVER, REAR	1	1	1	1				
8	3	XL135Y1302	SR HOLDER (+)	1	1	1	1				
10	3	XL135Y1303	SR HOLDER (-)	1	1	1	1				
13	3	XL135Y1310	TERMINAL ASSY	2	2	2	2				
16	3	XL135Y1311	TERMINAL ASSY	1	1	1	1				
19	3	XL135Y13200	BRUSH ASSY.	1	1	1	1				
20	3	XL135Y1803	SCREW SET	2	2	2	2				
22	4	26557-050362	SCREW M 5X 36	2	2	2	2				
23	3	XL135Y1810	LOCK, BEARING	1	1	1	1				
24	3	XMV11305	CONTROL UNIT, FIELD	1	1	1	1				
25	3	XMV11306	CR ASSY	1	1	1	1				
26	3	121370-77950	REGULATOR (TR1Z-28)	1	1	1	1				
27	3	26557-050162	SCREW M 5X 16	1	1	1	1				
28	2	XL135Y1400	COVER ASSY, FRONT	1	1	1	1				
29	3	XL135Y1401	RETAINER, BEARING	1	1	1	1				
30	3	X6302B	BALL BEARING	1	1	1	1				
31	3	26557-040182	SCREW	3	3	3	3				
32	2	XL135Y1531	PULLEY ASSY	1	1	1	1				
37	2	XL135Y1801	BOLT, THROUGH	2	2	2	2				
38	2	XL135Y1802	BOLT, THROUGH	1	1	1	1				
39	2	XL135Y1820	COVER	1	1	1	1				
40	2	XB444001A	NUT SET, PULLEY	1	1	1	1				
41	2	26557-050102	SCREW M 5X 10	2	2	2	2				

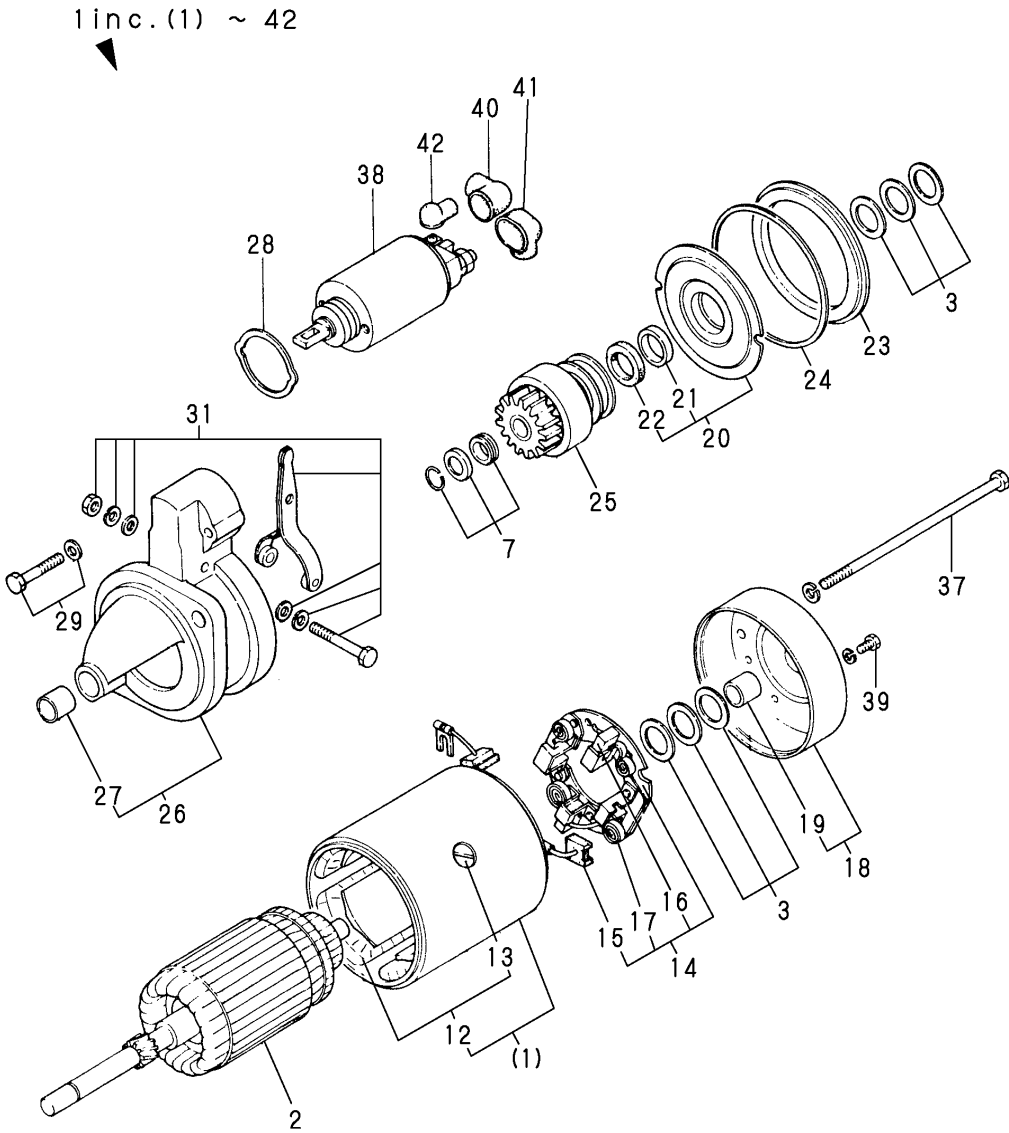
Fig.31.STARTING MOTOR COMPONENT PART(12V 1.0KW)

(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=



REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	124770-77010	STARTER	1							
2	2	X211441004	ARMATURE ASSY	1							
3	2	X21148110	WASHER SET, THRUST	1							
7	2	X21147155	STOPPER SET, PINION	1							
10	2	X211482001	COIL ASSY, FIELD	1							
11	3	X21147215	SCREW, POLE CORE	4							
12	3	X21145312	BRUSH (+)	2							
13	2	X211423001	COVER ASSY, REAR	1							
14	3	X21145352	METAL	1							
15	2	X21141360	HOLDER ASSY, BRUSH	1							
16	3	X21145313	BRUSH(-)	2							
17	3	X21144314	SPRING, BRUSH	4							
18	2	X211426006	CASE ASSY, GEAR	1							
19	3	X21144661	METAL, GEAR CASE	1							
20	2	X211484001	BRACKET ASSY	1							
24	2	X211485001	PINION ASSY	1							
25	2	X211416511	LEVER ASSY.	1							
28	2	X211427003	SWITCH ASSY, MAGNET.	1							
29	2	X21142742	COVER (A), RUBBER	1							
30	2	X21141742	COVER (B), RUBBER	1							
31	2	X21148861	COVER SET, DUST	1							
34	2	X21144886	BOLT	2							
35	2	X21146815	BOLT, THROUGH	2							
36	2	26557-040122	SCREW M 4X 12,PAN HD	2							
37	2	22212-040000	SPRING WASHER 4	2							
37-1	2	22217-040000	SPRING WASHER 4	2							R
(A=EXXX) (B=EXXX) (C=EXXX) (D=EXXX)											

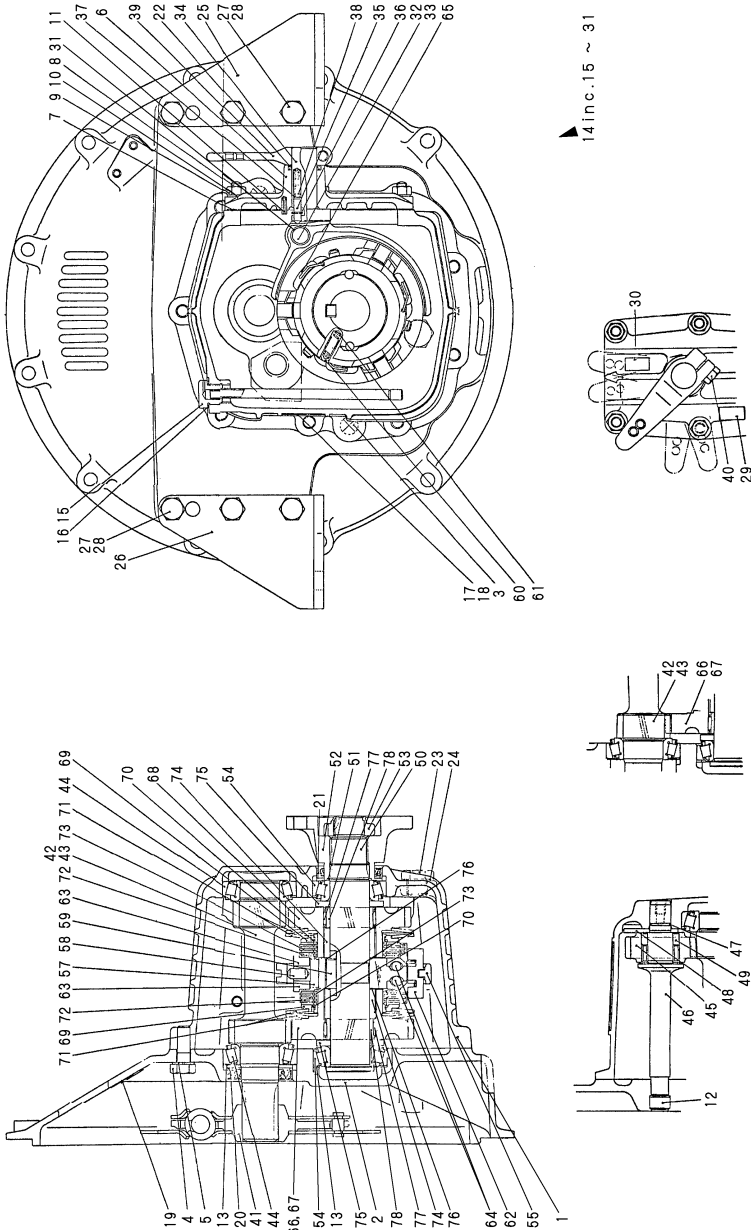
Fig.32.STARTING MOTOR COMPONENT PART(12V 1.8KW)



(A)=2QM20
(B)=3QM30
(C)=2QM
(D)=3QM
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	121370-77010	STARTER (S12-47)		1	1	1				
2	2	X21207100	ARMATURE ASSY		1	1	1				
3	2	X21201115	WASHER SET, THRUST		1	1	1				
7	2	X21143155	STOPPER SET, PINION		1	1	1				
12	2	X21202220	COIL ASSY, FIELD		1	1	1				
13	3	X21142215	SCREW		4	4	4				
14	2	X21203305Y	HOLDER ASSY, BRUSH		1	1	1				
15	3	X21207311	BRUSH (+)		2	2	2				
16	3	X21205312	BRUSH (-)		2	2	2				
17	3	X21201313	SPRING, BRUSH		4	4	4				
18	2	X21202350	COVER ASSY, REAR		1	1	1				
19	4	X21204302	METAL, COVER BEARING		1	1	1				
20	2	X21209400	BEARING ASSY		1	1	1				
21	3	X21204401	METAL, CENTER BERG.		1	1	1				
22	3	X21201403	SEAL, OIL		1	1	1				
23	2	X21202404	CENTER PIECE		1	1	1				
24	2	X21201404	PACKING, CENTER		1	1	1				
25	2	X21205550	PINION ASSY		1	1	1				
26	2	X212086001	HOUSING ASSY, GEAR		1	1	1				
27	3	X21202601	METAL, GEAR CASE		1	1	1				
28	2	X21204610	COVER, DUST		1	1	1				
29	2	X21201815	BOLT		2	2	2				
31	2	X21206605	LEVER SET, SHIFT		1	1	1				
37	2	X21207810	BOLT, THROUGH		2	2	2				
38	2	X21203750	SWITCH, MAGNETIC		1	1	1				
39	2	26557-040082	SCREW M 4X 8		6	6	6				
40	2	X21201836	COVER, RUBBER		1	1	1				
41	2	X21201742	COVER, RUBBER		1	1	1				
42	2	X21201744	COVER, RUBBER		1	1	1				

Fig.33.CLUTCH KBW-10A(FOR 2QM20)(OPTIONAL)



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.49-1.

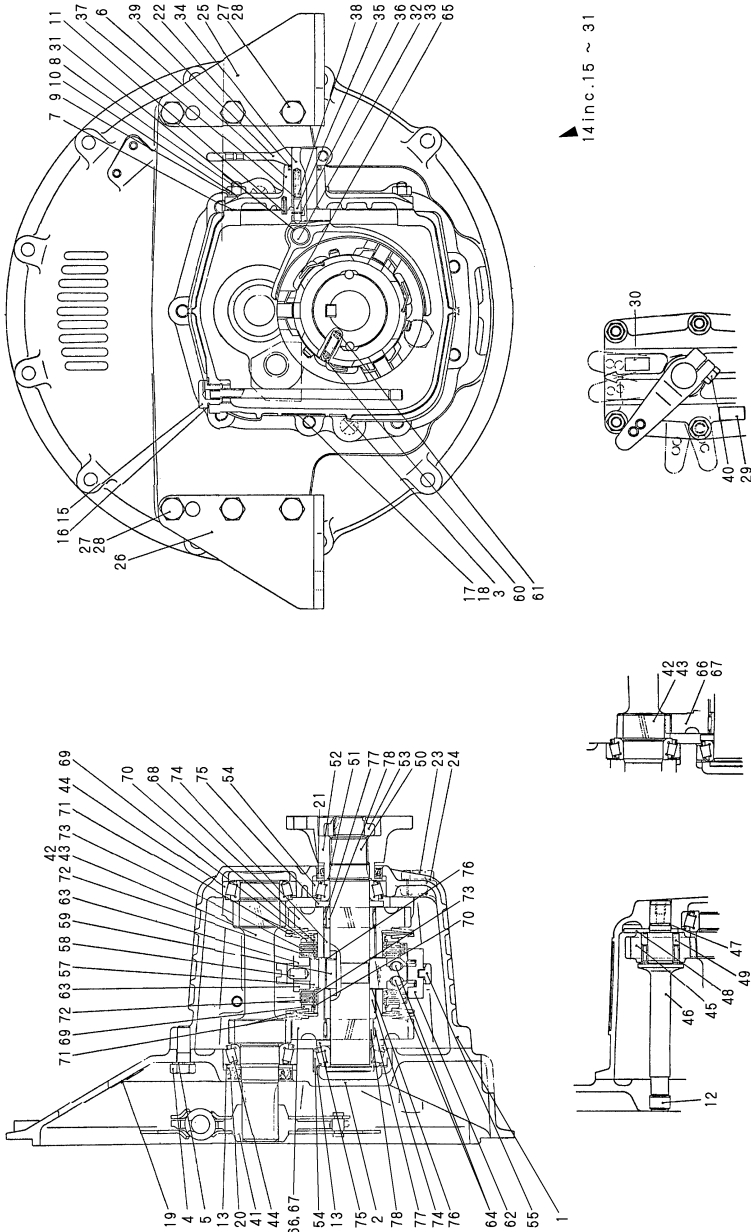
Y00R0919 33.CLUTCH KBW-10A(FOR 2QM20)(OPTIONAL)

(A)=KH18-A
(B)=KBW-10A
(C)=
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177099-02110	HOUSING, CLUTCH		1						
2	1	177099-02120	FLANGE, MOUNTING		1						
3	1	177099-02130	STRAIGHT PIN		2						
4	1	26116-100302	BOLT 10X30		9						
5	1	22287-100000	WASHER 10		9						
6	1	177099-02081	COVER, SIDE		1						
7	1	177099-02091	GASKET		1						
8	1	26216-080222	STUD M 8X 22 PLATED		6						
9	1	26716-080002	NUT M 8		6						
10	1	22287-080000	LOCKING WASHER		6						
11	1	22352-040012	SPRING PIN 4X12		1						
12	1	177099-06050	PLUG		1						
13	1	177099-02250	SHIM SET		2						
14	1	177099-06010	FORK ASSY, SHIFT		1						
15	2	177099-02450	DIPSTICK W/BREATHER		1						
16	2	23414-160021	GASKET 16		1						
17	2	177099-02421	LABEL		4						
18	2	102210-07990	RIVET		4						
19	2	177095-02400	LABEL		1						
20	2	177099-02950	SEAL TC30 52 8, OIL		1						
21	2	177099-02960	SEAL TC40 52 8, OIL		1						
22	2	177095-02980	SEAL, OIL		1						
23	2	23884-160002	PLUG 16		1						
24	2	23414-160000	GASKET 16, ROUND		1						
25	2	177080-02720	BRACKET (A)		1						
26	2	177080-02730	BRACKET (B)		1						
27	2	26116-100302	BOLT 10X30		4						
28	2	22287-100000	WASHER 10		6						
29	2	177090-02620	LABEL		1						
30	2	177090-02630	LABEL		1						
31	2	177095-06070	BEARING, SHIFT FORK		2						
32	1	177099-06041	SHAFT, SHIFT		1						
33	1	177099-06050	PLUG		1						
34	1	177095-06030	CAM, SHIFT		1						
35	1	177095-06050	PIN		1						
36	1	177095-06140	CIRCLIP		1						
37	1	177095-03200	SPRING		1						
38	1	177095-06060	SPRING		1						
39	1	177095-06040	LEVER		1						
40	1	26116-080252	BOLT M 8X 25 PLATED		1						
41	1	177099-03500	DISK, (NON-ASB.)		1						
42	1	177099-03011	SHAFT, INPUT (I=2)		1						
43	1	177099-03411	SHAFT, INPUT (I=3)		1						
44	1	177099-03920	ROLLER BEARING		2						
45	1	177099-03301	GEAR (Z=25), IDLE		1						
46	1	177099-03311	SHAFT, IDLE GEAR		1						
46-1	1	177099-03980	SHAFT		1					S	1
(B=C/#2679)											
47	1	24341-000150	O-RING 1A S-15.0		1						
48	1	177099-03321	WASHER, THRUST		1						
49	1	177099-03900	NEEDLE BEARING		2						
49-1	1	177099-03901	NEEDLE BEARING		2					S	
(B=C/#2679)											
50	1	177099-03021	SHAFT, OUTPUT		1						

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Fig.33.CLUTCH KBW-10A(FOR 2QM20)(OPTIONAL)



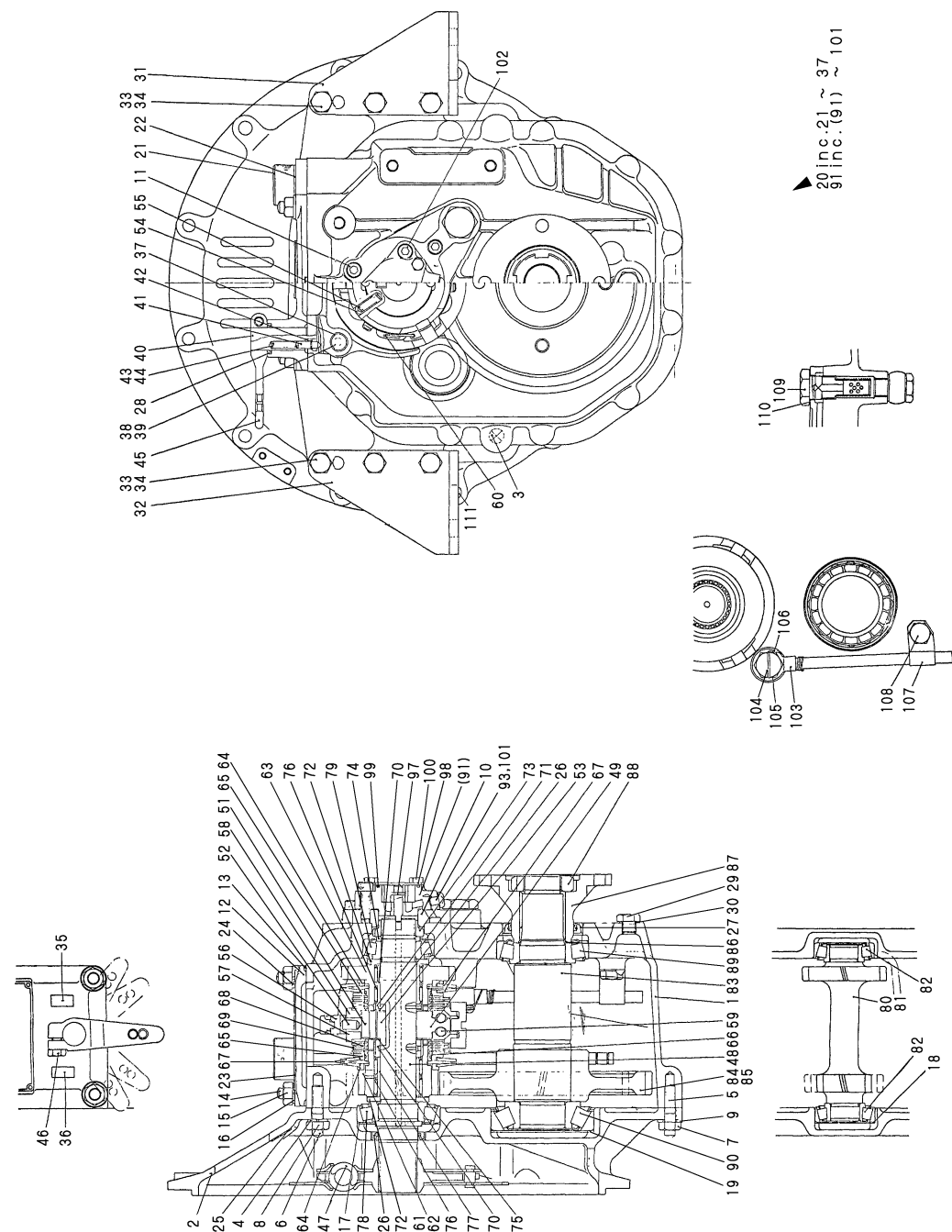
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.49-1.

Y00R0919 33.CLUTCH KBW-10A(FOR 2QM20)(OPTIONAL)

(A)=KH18-A
(B)=KBW-10A
(C)=
(D)=
(E)=
(F)=

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	1	24321-000300	O-RING G30		1						
52	1	177099-03550	COUPLING, OUTPUT		1						
53	1	177099-03540	LOCK NUT		1						
54	1	177099-03920	ROLLER BEARING		2						
55	1	177099-03040	PLATE ASSY, DRIVING		1						
57	2	177095-03030	PARALLEL PIN		2						
58	2	177095-03040	PARALLEL PIN		3						
59	1	177090-03230	KEY		1						
60	1	177095-03190	PIN		3						
61	1	177095-03200	SPRING		3						
62	1	177099-03070	RING, SHIFTING		1						
63	1	177099-03080	PLATE, PRESSURE		2						
64	1	177090-03180	BALL 8MM		6						
65	1	177095-03210	SPRING, RETURN		3						
66	1	177099-03101	GEAR (Z=47), FORWARD		1						
67	1	177099-03431	GEAR (Z=51), FORWARD		1						
68	1	177099-03111	GEAR (Z=45)		1						
69	1	177090-03110	RETAINER (B)		2						
70	1	177095-03280	CIRCLIP		2						
71	1	177090-03121	SPRING		4						
72	1	177090-03080	DISC, FRICTION		8						
73	1	177090-03090	PLATE, STEEL		6						
74	1	177099-03161	SPACER		2						
75	1	177090-03270	WASHER, THRUST		2						
76	1	177095-03800	SHIM SET		2						
77	1	177095-03900	ROLLER BEARING		2						
78	1	177099-03470	RACE INNER		2						

Fig.34.CLUTCH KH-18A(FOR 3QM30)(OPTIONAL)



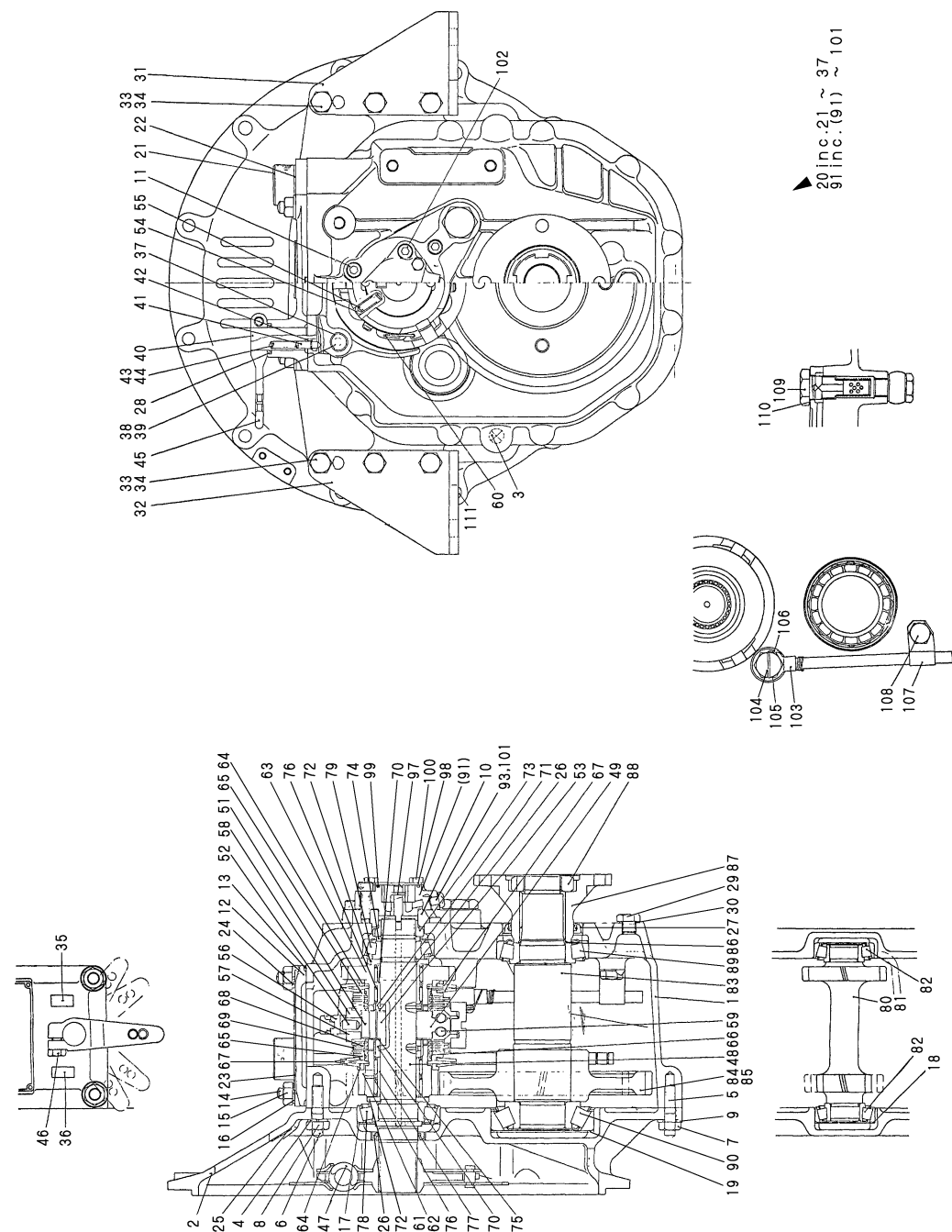
(A)=KH18-A
(B)=KBW-10A
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177090-02700	HOUSING, CLUTCH	1							
2	1	177091-02710	FLANGE, MOUNTING	1							
3	1	177099-02130	STRAIGHT PIN	2							
4	1	22287-100000	WASHER 10	8							
5	1	26223-100252	STUD M10X 25	4							
6	1	26226-100252	STUD M10X 25 PLATED	8							
7	1	26713-100002	NUT, M10 (STENLES	4							
8	1	26716-100002	NUT 10	8							
9	1	22133-100000	WASHER 10	4							
10	1	177090-02800	SPACER, L.O. PUMP	1							
11	1	26450-080222	BOLT M 8X 22	3							
12	1	177090-02070	COVER, UPPER	1							
13	1	177090-02120	PACKING, UPPER COVER	1							
14	1	26226-100252	STUD M10X 25 PLATED	4							
15	1	26716-100002	NUT 10	4							
16	1	22287-100000	WASHER 10	4							
17	1	177095-02250	SHIM SET	1							
18	1	177090-02250	SHIM SET	1							
19	1	177095-02310	SHIM	1							
20	1	177090-06010	FORK ASSY, SHIFT	1							
21	2	177090-02451	DIPSTICK	1							
22	2	23418-270035	GASKET 27, ROUND	1							
23	2	177090-02421	LABEL	1							
24	2	102210-07990	RIVET	4							
25	2	177095-02400	LABEL	1							
26	2	177095-02960	SEAL SB35 47 7, OIL	1							
27	2	177090-02970	SEAL TC54 70 9, OIL	1							
28	2	177095-02980	SEAL, OIL	1							
29	2	23884-120002	PLUG M12,HEX.	1							
30	2	23414-120000	GASKET 12, ROUND	1							
31	2	177091-02720	BRACKET (A)	1							
32	2	177091-02730	BRACKET (B)	1							
33	2	26116-100282	BOLT M10X 28 PLATED	6							
34	2	22287-100000	WASHER 10	6							
35	2	177090-02620	LABEL	1							
36	2	177090-02630	LABEL	1							
37	2	177095-06070	BEARING, SHIFT FORK	2							
38	1	177090-06300	SHAFT, SHIFT	1							
39	1	177099-06050	PLUG	1							
40	1	177095-06030	CAM, SHIFT	1							
41	1	177095-06050	PIN	1							
42	1	177095-06140	CIRCLIP	1							
43	1	177095-03200	SPRING	1							
44	1	177095-06060	SPRING	1							
45	1	177095-06040	LEVER	1							
46	1	26116-080252	BOLT M 8X 25 PLATED	1							
47	1	177090-03500	DISC, DAMPER	1							
48	1	177090-03750	SHAFT, INPUT	1							
49	1	177090-03020	PLATE ASSY, DRIVING	1							
51	2	177095-03030	PARALLEL PIN	2							
52	2	177095-03040	PARALLEL PIN	3							
53	1	177090-03230	KEY	1							
54	1	177095-03190	PIN	3							
55	1	177095-03200	SPRING	3							

++ CONTINUE ++

Fig.34.CLUTCH KH-18A(FOR 3QM30)(OPTIONAL)



(A)=KH18-A
(B)=KBW-10A
(C)=

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	1	177090-03050	RING, SHIFTING	1							
57	1	177090-03060	PLATE (L), PRESSURE	1							
58	1	177090-03070	PLATE, PRESSURE	1							
59	1	177090-03180	BALL 8MM	6							
60	1	177090-03210	SPRING	3							
61	1	177090-03300	PINION (Z=24), FWD.	1							
62	1	177090-03600	PINION (Z=32), FWD.	1							
63	1	177090-03310	GEAR (Z=36)	1							
64	1	177090-03100	RETAINER (A)	2							
65	1	177090-03110	RETAINER (B)	2							
66	1	177095-03280	CIRCLIP	2							
67	1	177090-03121	SPRING	4							
68	1	177090-03080	DISC, FRICTION	8							
69	1	177090-03090	PLATE, STEEL	6							
70	1	177090-03130	SPACER (A)	1							
71	1	177090-03140	SPACER (B)	1							
72	1	177090-03270	WASHER, THRUST	2							
73	1	177090-03760	NUT	1							
74	1	177095-03240	SPACER	1							
75	1	177095-03800	SHIM SET	2							
76	1	177095-03900	ROLLER BEARING	4							
77	1	177095-03150	BUSH	2							
78	1	24141-302070	ROLLER BEARING	1							
79	1	24141-302060	ROLLER BEARING	1							
80	1	177090-03320	GEAR (Z=17/26), IDLE	1							
81	1	177090-03610	GEAR (Z=24/26), IDLE	1							
82	1	24141-302050	ROLLER BEARING	2							
83	1	177090-03800	SHAFT, OUTPUT	1							
84	1	177090-03810	GEAR (Z=72) I=3	1							
85	1	177090-03820	GEAR (Z=65), OUTPUT	1							
86	1	24341-000380	O-RING 1A S-38.0	1							
87	1	177090-03391	COUPLING, OUTPUT	1							
88	1	177090-03400	NUT	1							
89	1	24141-302080	ROLLER BEARING	1							
90	1	177090-03920	ROLLER BERG. #30308	1							
91	1	777095-04900	PUMP ASSY, HYDRAULIC	1							
93	2	124060-32990	PLUG	2							
97	2	101304-32560	PIN, SHAFT	1							
98	2	124060-32070	COVER	1							
99	2	103338-32570	O-RING	1							
100	2	26116-060102	BOLT M 6X 10 PLATED	3							
101	2	23414-080000	GASKET 8, ROUND	2							
102	1	26450-080222	BOLT M 8X 22	2							
103	1	177090-07400	PIPE, LUB OIL	1							
104	1	23851-100006	JOINT BOLT 10	1							
105	1	23414-160000	GASKET 16, ROUND	2							
106	1	22451-100000	WIRE 1.0	1							
107	1	177090-07410	RETAINER, PIPE	1							
108	1	26116-100152	BOLT M10X 15 PLATED	1							
109	1	177090-04400	STRAINER, LUB OIL	1							
110	1	23414-200000	GASKET 20, ROUND	1							
111	1	177095-04120	GASKET	1							

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

REF.	LEV.	PARTS NO.	DESCRIPTION	Q'TY						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	177090-09010	SPACER	1	1						
2	1	177095-09020	REPLACER	1	1						
3	1	177095-09060	HOLDER	1							
4	1	177099-09040	REPLACER		1						
5	1	177095-09170	REPLACER		1						
6	1	177095-09070	REPLACER	1	1						
7	1	177095-09080	WRENCH	1	1						
8	1	177095-09090	WRENCH	1							
9	1	177090-09100	WRENCH	1							
10	1	177099-09010	WRENCH		1						
11	1	177095-09110	REPLACER	1							
12	1	177099-09030	REPLACER		1						
13	1	177090-09130	SPACER	1							
14	1	177090-09140	WRENCH W/PIN	1							
15	1	177099-09020	WRENCH W/PIN		1						
16	1	177090-09150	PIN	2							
17	1	22312-100200	PARALLEL PIN 10X20		2						
18	1	177090-09160	SPACER	1	1						

THIS FIGURE ARE NOT ILLUSTRATED.