

OCK10-M39703EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) Vio20-3 for japan.

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	OCK10-G39700	Sep. , 2004	Disuse old edition
	Engine	OCB10-G71400		
1st revised	Vehicle	OCK10-G39701	Jun. , 2006	Disuse old edition
	Engine	OCB10-G71401		
2nd revised	Vehicle	OCK10-G39702	Feb. , 2007	Disuse old edition
	Engine	OCB10-G71401		
3rd revised	Vehicle	OCK10-G39703	Oct. , 2010	
	Engine	OCB10-G71401		

3. Model name

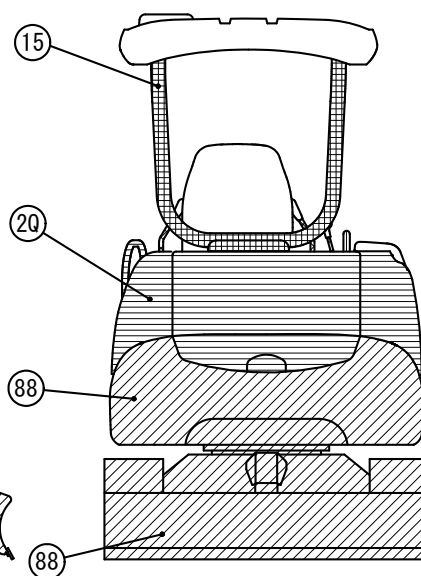
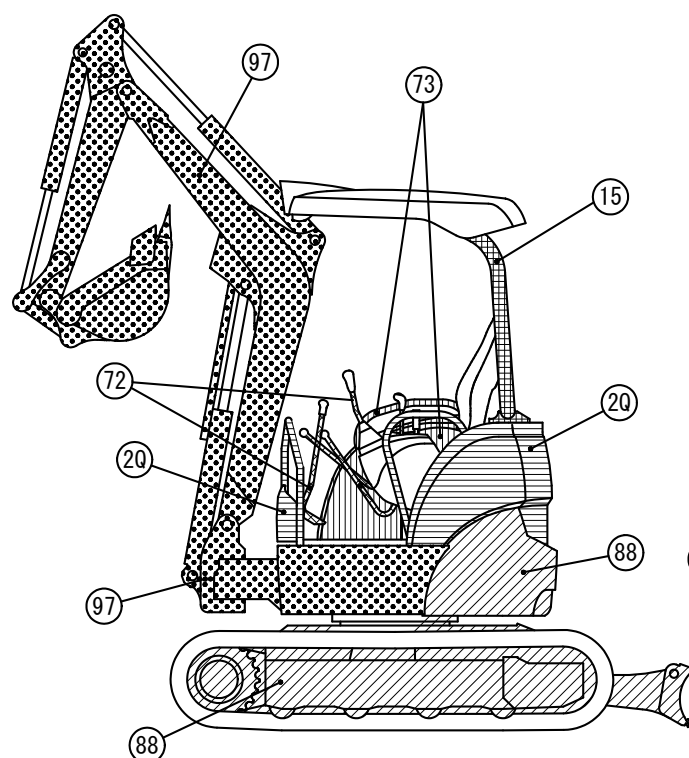
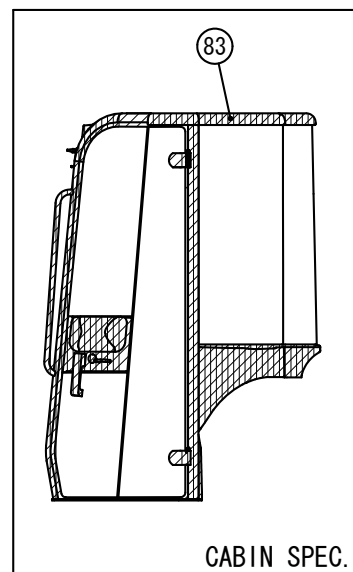
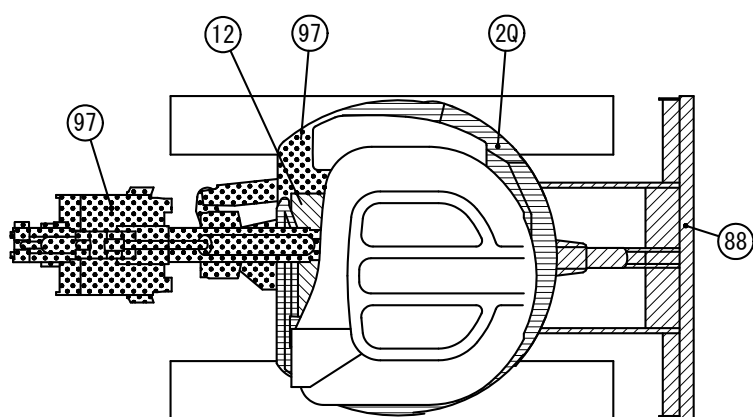
SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio20-3 C(JP)	30501 ~	2004/04 ~
	(B)	Vio20-3 P(JP)		
	(C)	Vio20-3 P(EX)		
II (Engine)	(A)	3TNV76-PBV	04372 ~	2004/03 ~

(Note) C:Cabin spec. P:Canopy spec. JP:Japan EX:export except U. S. A. & Australia

4. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.

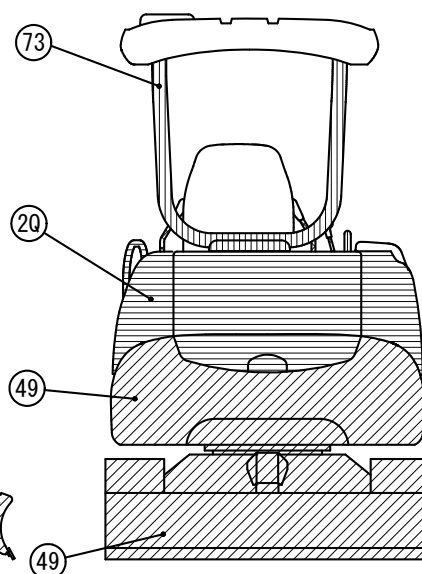
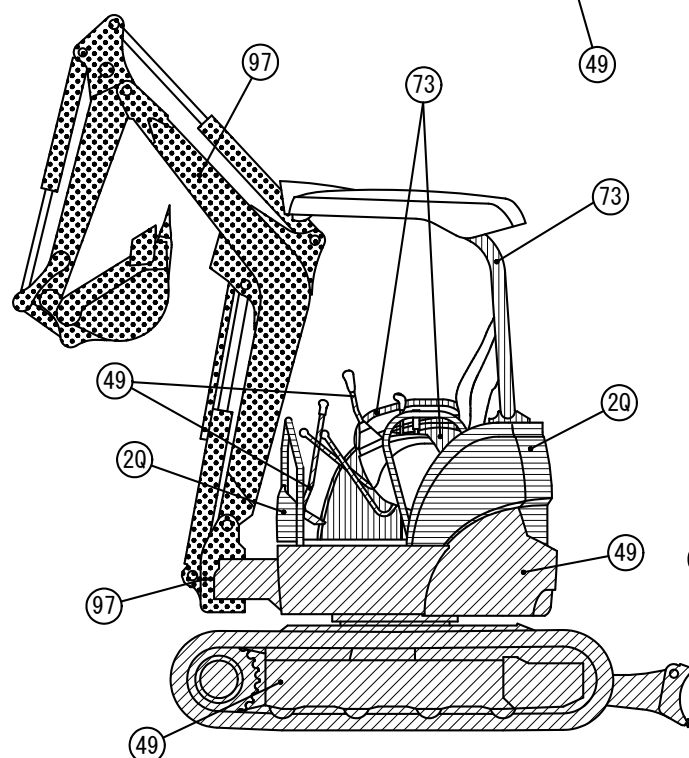
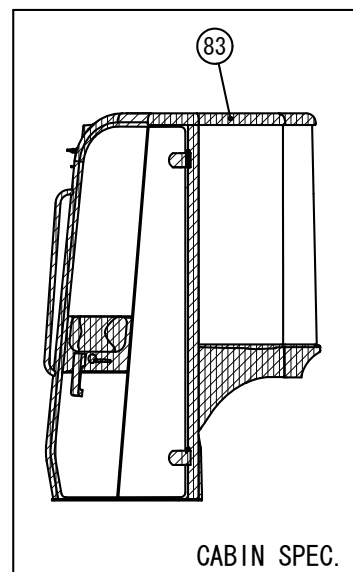
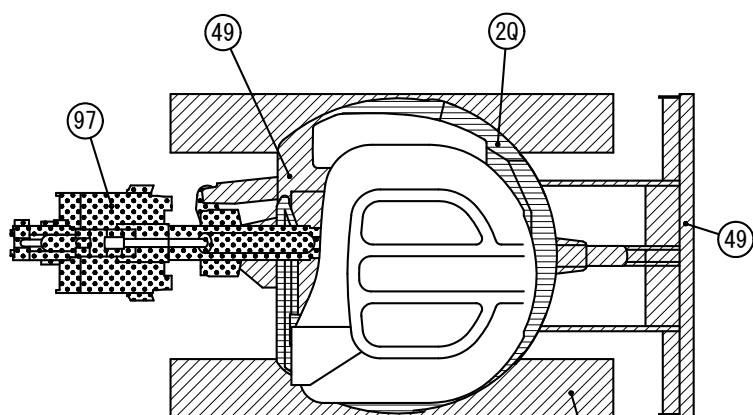
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

本機塗装色 (1) (33091号機まで)
VEHICLE PAINTED COLOR(1) (TO M33091)



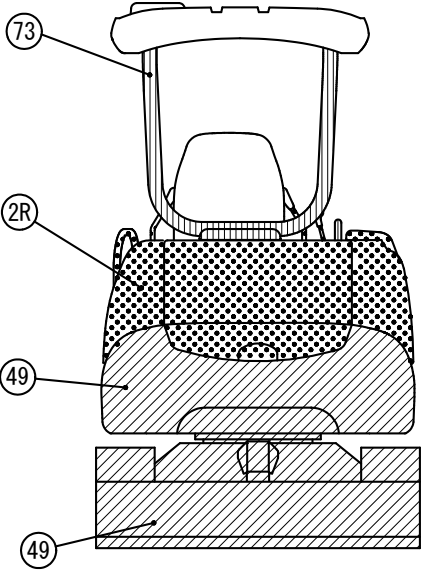
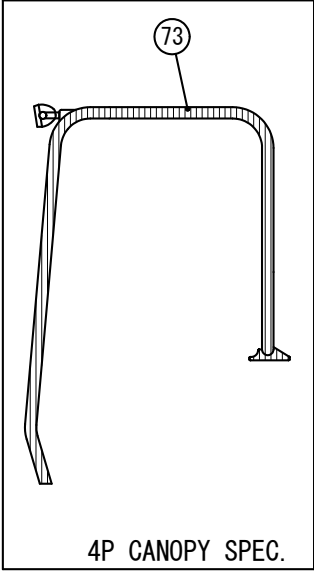
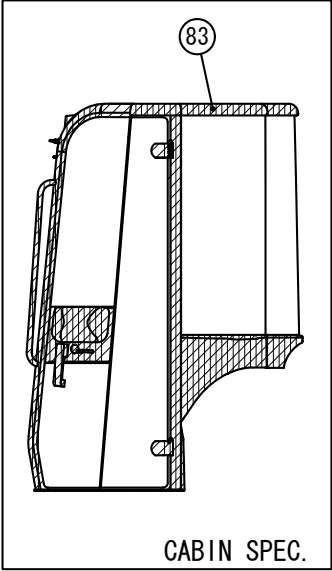
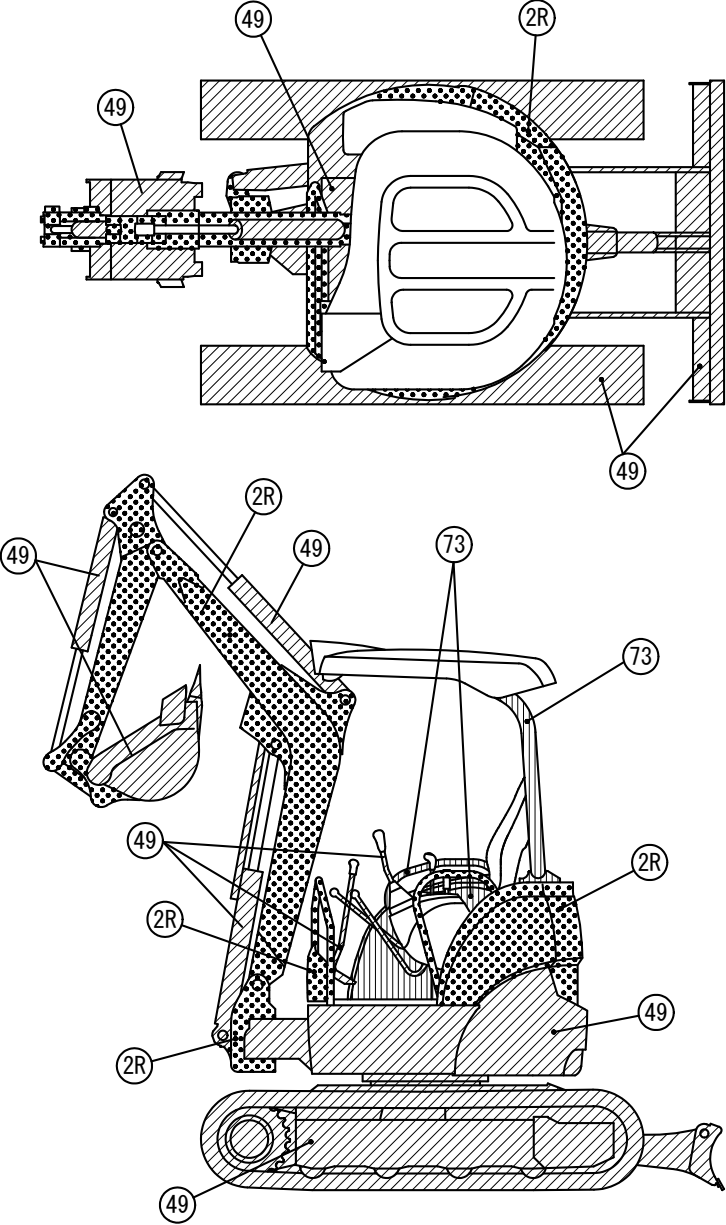
色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	塗料部品番号 (Paint Part No.)		
			16L缶 (16L Can)	4L缶 (4L Can)	ｽﾌﾟﾚｰ (SPRAY)
88		ヤンマー新ディープグリーン YANMAR New Deep Green	981101-09588	977620-40880	977620-30881
97		ヤンマーピーコックグリーン YANMAR Peacock Green	981101-09597	977620-40970	977620-30971
20		ヤンマーシトラスグリーン 2 YANMAR Citrus Green 2	-----	977620-40991	977620-30992
72		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	-----	977620-40720	TOR-94800720
15		ナチュラルホワイト Natural White	-----	-----	977620-30301
73		ヤンマーワームグレー YANMAR Warm Gray	-----	TOR-91450000	TOR-90450003
12		ヤンマーブラック YANMAR Black	-----	TOR-91220001	TOR-94800120
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	981101-09615	977620-40830	977620-30N41

本機塗装色 (2) (33092号機から38500号機まで)
VEHICLE PAINTED COLOR (2) (FROM M33092 TO M38500)



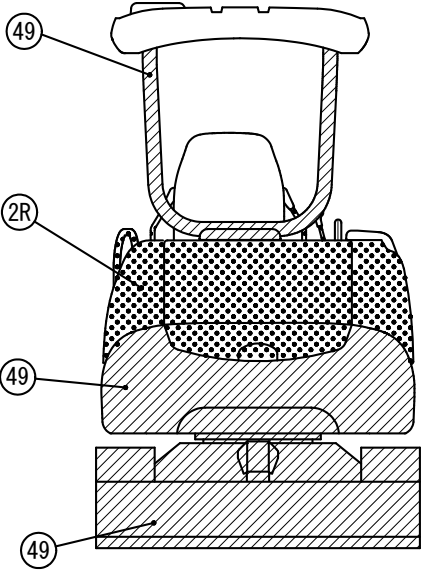
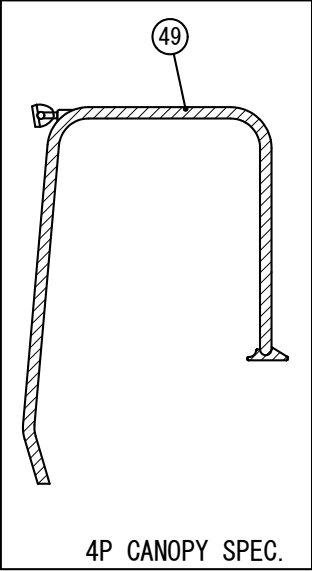
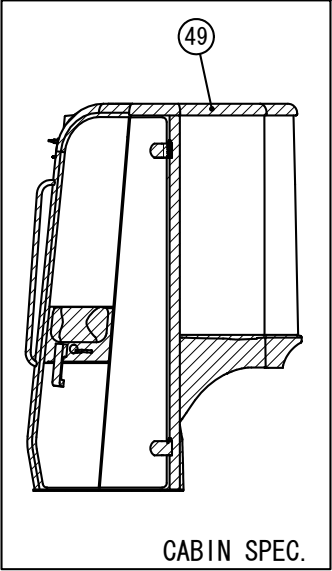
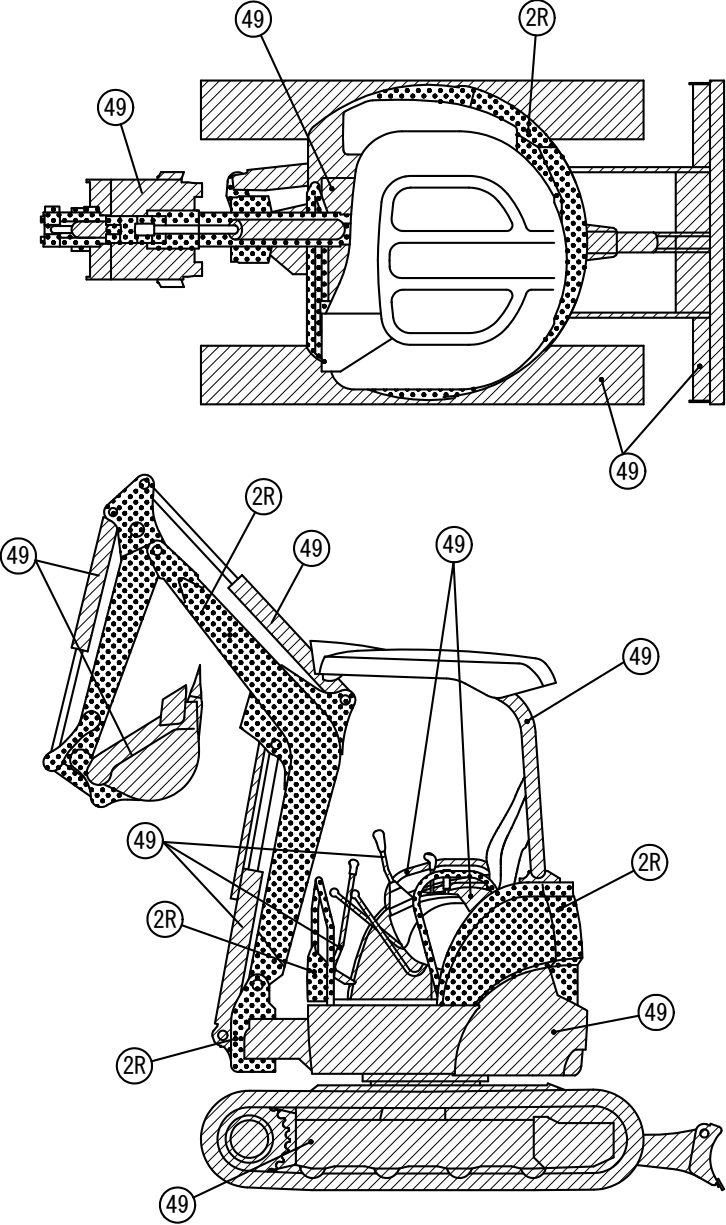
色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	塗料部品番号 (Paint Part No.)		
			16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
49		ヤンマーネイビーグレー YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490
97		ヤンマーピーコックグリーン YANMAR Peacock Green	981101-09597	977620-40970	977620-30971
20		ヤンマーシトラスグリーン 2 YANMAR Citrus Green 2	-----	977620-40991	977620-30992
73		ヤンマーワームグレー YANMAR Warm Gray	-----	TOR-91450000	TOR-90450003
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	981101-09615	977620-40830	977620-30N41

本機塗装色（3）（38501号機から3F000号機まで）
VEHICLE PAINTED COLOR (3) (FROM M38501 TO M3F000)



色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	塗料部品番号 (Paint Part No.)		
			16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
49		ヤンマーネイビーグレー YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490
2R		ヤンマーターメリックイエロー YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
73		ヤンマーウォームグレー YANMAR Warm Gray	-----	TOR-91450000	TOR-90450003
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	981101-09615	977620-40830	977620-30N41

本機塗装色（４）（３Ｆ００１号機から）
VEHICLE PAINTED COLOR (4) (FROM M3F001)



色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	塗料部品番号 (Paint Part No.)		
			16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
49		ヤンマーネイビーグレー YANMAR Navy Gray	-----	TOR-91390001	TOR-94800491
2R		ヤンマーターメリックイエロー YANMAR Turmeric Yellow	-----	977620-41001	977620-41002

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16. オプション & キット部
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3. 電装品部
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6. 操縦装置部
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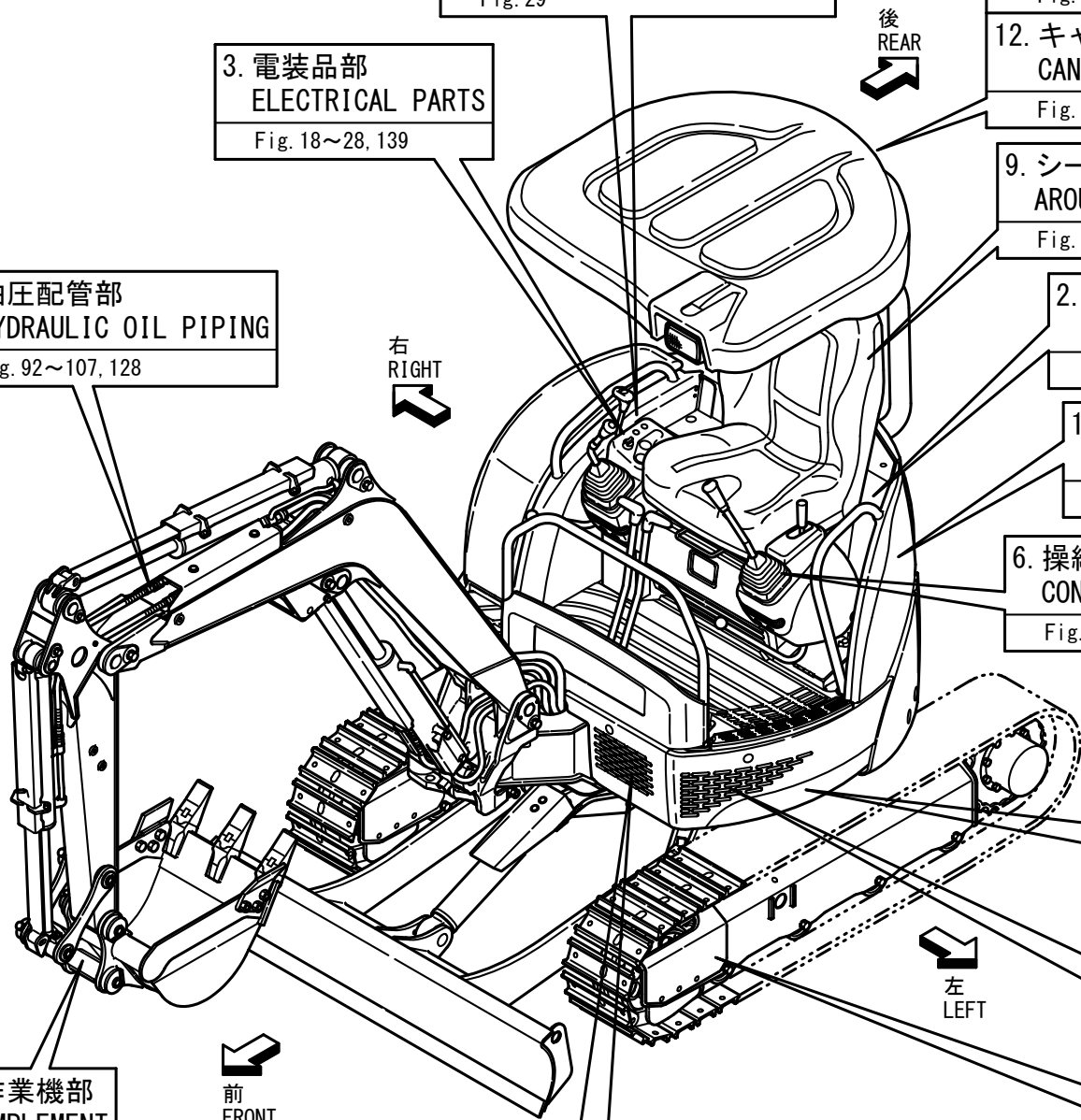
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 HYDRAULIC OIL EQUIPMENT
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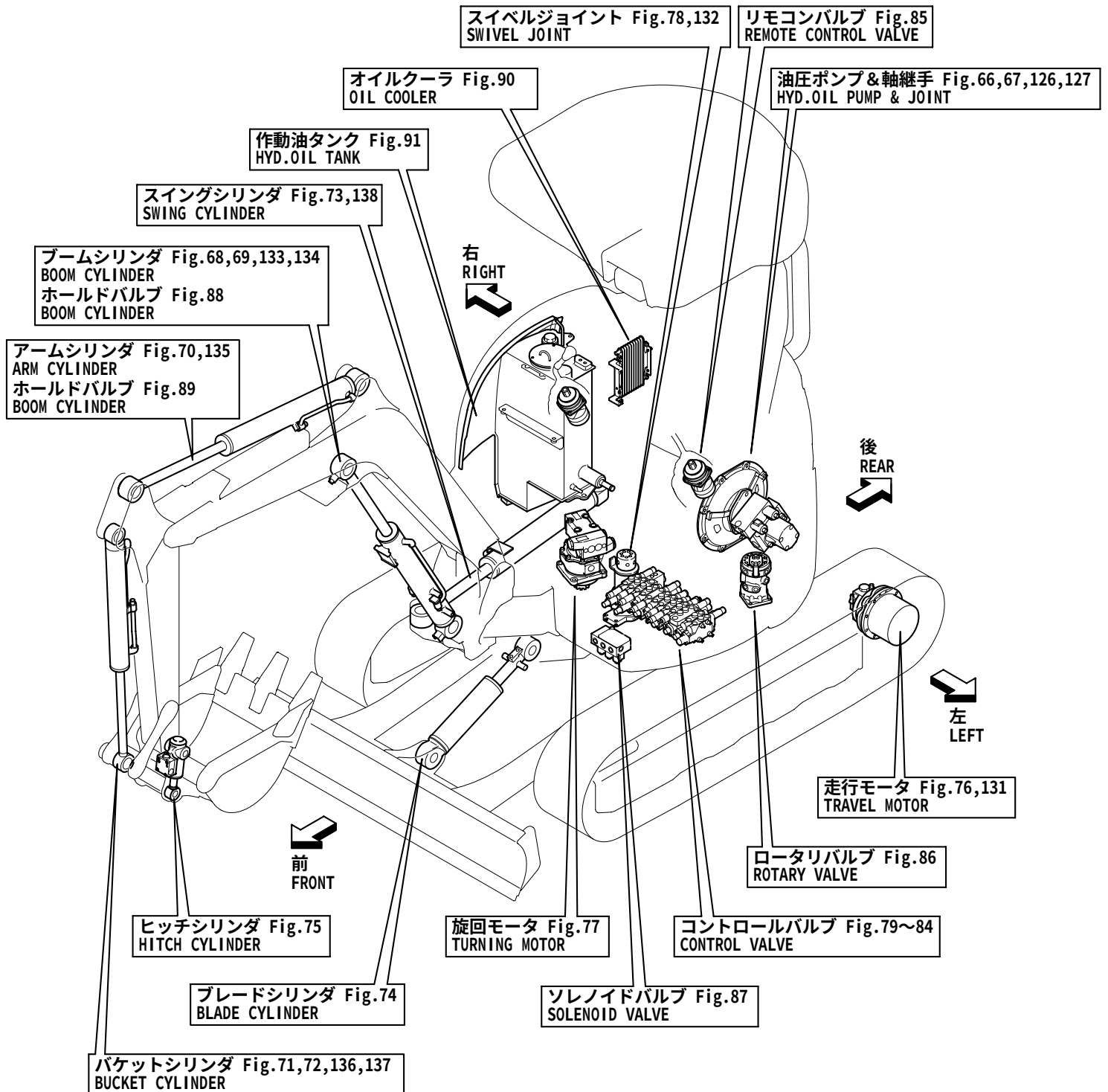
15. 作業機部
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 Fig. 108~120



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8. SAFETY LABEL(QUICK COUPLER)(JP)
9. SAFETY LABEL(CANOPY)(EX)
10. SAFETY LABEL(CRANE)(JP)
11. ACCESSORY

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12. SUCTION PIPE & EXHAUST PIPE
13. ACCELERATOR
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Fig. No. Fig. Name

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- 146. (64B)CABIN(EXTERIOR)
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- 150. (64F)CABIN(ELECTRIC PARTS)
- 151. (64G)CABIN DOOR
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- 126. (66A) HYD.OIL PUMP & JOINT(FROM M36240)
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- 93. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR)
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- 95. HYD.OIL PIPING(RETURN)
- 96. HYD.OIL PIPING(P.T.O. FRAME END)
- 97. HYD.OIL PIPING(TRACK FRAME)
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- 100. HYD.OIL PIPING(QUICK COUPLER)
- 101. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)
- 102. CONTROL PIPING(REMOTE CONTROL V. - CONTROL V. : STD.,2-WAY SPEC.)
- 128. (102A)CONTROL PIPING(REMOTE C/V-C/V:STD.,2-WAY CRANE SPEC.)
- 103. CONTROL PIPING(REMOTE CONTROL V. - ROTARY V. : 4-WAY SPEC.)
- 104. CONTROL PIPING(ROTARY V. - CONTROL V. : 4-WAY SPEC.)
- 105. CONTROL PIPING(4-WAY V. - CONTROL V. : MULTI AND CRANE SPEC.)
- 106. CONTROL PIPING(HOLD VALVE : CRANE SPEC.)
- 107. GREASING

Fig. No. Fig. Name

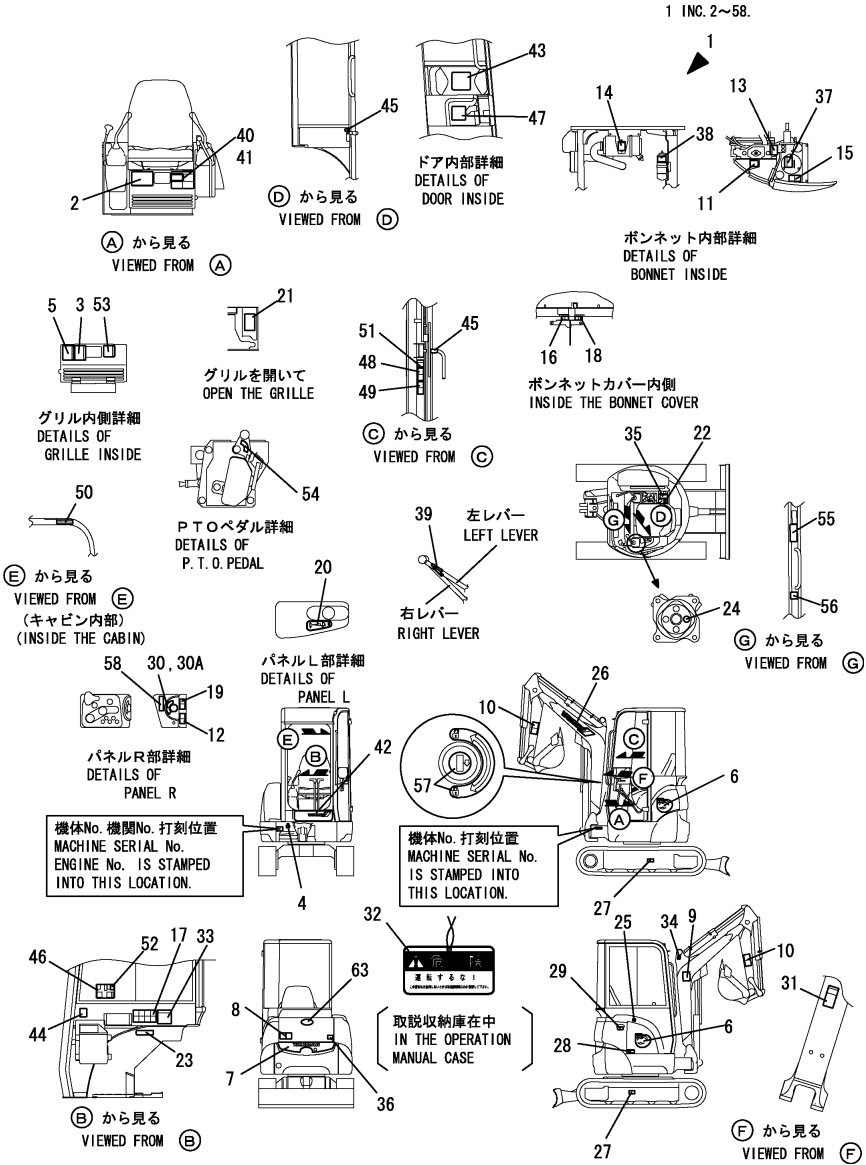
IMPLEMENT

- 108. BOOM
- 109. BOOM(CRANE SPEC.)
- 110. BOOM BRACKET
- 111. ARM
- 112. ARM(QUICK HITCH SPEC.)
- 113. ARM(CRANE SPEC.)
- 114. BUCKET ARM & LINK
- 115. BUCKET ARM & LINK(CRANE SPEC.)
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- 118. HOOK(CRANE SPEC.)
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- 160. IMMOBILIZER KIT(OPTIONAL)
- 166. SEAT KIT(OPTIONAL)(REPAIR PARTS)
- 167. SEAT KIT(CRANE)(OPTIONAL)(REPAIR PARTS)

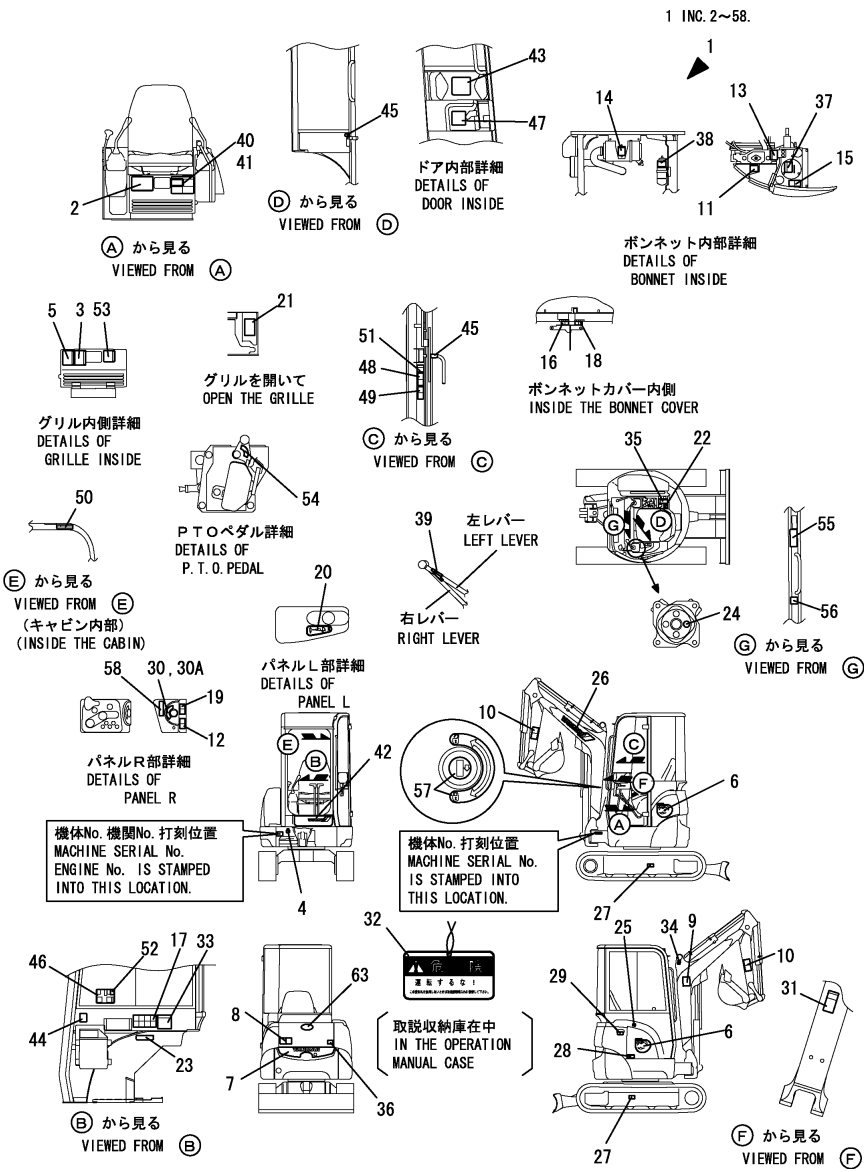
Fig.1. LABEL(CABIN)(JP)(TO M3F000)



Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)IMMOBILIZER SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A23-03100	SET,LABEL VIO20-3JPC	1							
1-1	1	172A23-03410	SET,LABEL VIO20-3JPC	1							S
(A=M37001)											
1-2	1	172A23-03411	SET,LABEL VIO20-3JPC	1							S
(A=M38501)											
2	2	172A23-03110	LABEL,SPECIFICATION	1							
2-1	2	172A23-03111	LABEL, SPECIFICATION	1							N
(A=M/#31175)											
2-2	2	172A23-03112	LABEL,SPEC	1							S
(A=M37001)											
3	2	172456-03121	LABEL,OIL & WATER	1							
4	2	172157-03130	LABEL, GREASE	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172456-03150	LABEL,MODEL	2							
6-1	2	172A23-03120	LABEL,MODEL	2							S
(A=M38501)											
7	2	172458-03160	LABEL, REAR	1							
8	2	172444-03170	LABEL	1							
9	2	172A23-03180	LABEL,LIFTING	1							
10	2	172444-03181	LABEL	2							
11	2	172444-03190	LABEL	1							
12	2	172448-03190	LABEL,FAN	1							
13	2	172458-03190	LABEL,OILING	1							
14	2	172141-03202	LABEL,CAUTION	1							
15	2	172450-03200	LABEL,BATTERY	1							
16	2	172458-03200	LABEL,FAN	1							
17	2	172444-03210	LABEL	1							
18	2	172458-03210	LABEL,BELT	1							
19	2	172446-03220	LABEL,BELT	1							
20	2	172458-03220	LABEL,ACCELERATOR	1							
21	2	172458-03231	LABEL, HUSE	1							
22	2	172A23-03240	LABEL,OPEN	1							
23	2	172444-03240	LABEL	1							
24	2	172173-03250	LABEL	1							Z
(A=M37379)											
25	2	172183-03250	LABEL,FUEL	1							
26	2	172524-03271	LABEL, REAR	1							
26-1	2	172A55-03310	LABEL, BRAND 450	1							N
(A=M/#33092)											
26-2	2	172A86-03310	LABEL,YANMAR	1							N
(A=M38501)											
27	2	172444-03280	LABEL	2							
28	2	172142-03302	LABEL,CAUTION	1							
29	2	172455-03340	LABEL	1							
30	2	172141-03360	LABEL, START SWITCH	1							
30-1	2	172157-03170	LABEL, KEY SWITCH	1							N
(A=M/#32044)											
30-2	2	172A64-03700	LABEL, START SWITCH	1							N
(A=M/# 34874)											
30A	2	172A64-03750	LABEL,START SWITCH	1							W 4
(A=M/# 35337)											

Fig.1. LABEL(CABIN)(JP)(TO M3F000)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

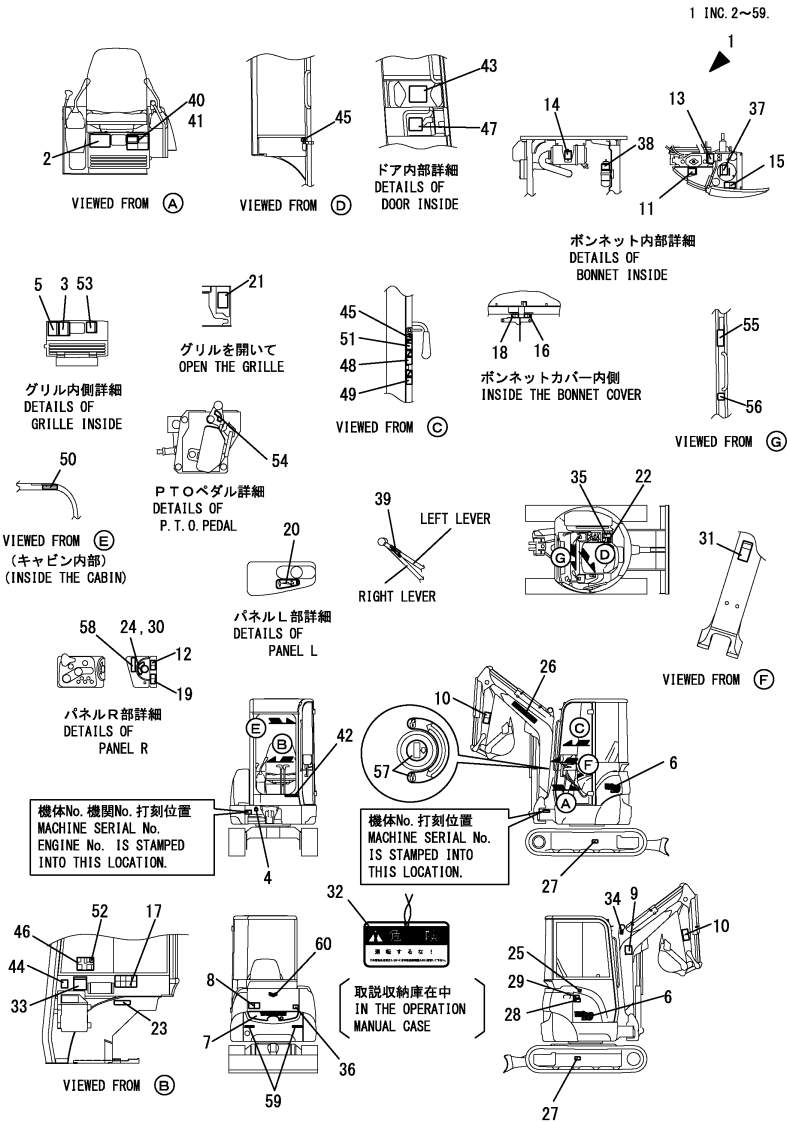
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
31	2	172964-03370	LABEL	1							
32	2	172964-03481	TAG ASSY, CAUTION	1							
33	2	172164-03510	LABEL,LOADING	1							
34	2	172437-03510	LABEL, HOOK	3							
34-1	2	172437-03510	LABEL, HOOK	1							K
(A=M/#31175)											
34-2	2	172437-03511	LABEL, HOOK	1							N
(A=M/#31399)											
35	2	172164-03540	LABEL	1							
36	2	172519-04180	LABEL,WARNING	1							
37	2	172519-04290	LABEL,WARNING	1							
38	2	121470-44540	LABEL, SUB-TANK	1							
39	2	172183-03280	LABEL, LOCK	1							
40	2	172444-03290	MAGNET	1							1
41	2	172151-03551	LABEL	1							1
42	2	172460-03140	LABEL,FRONT	1							
42-1	2	172464-03120	LABEL,VIO17 FRONT	1							N
(A=M38501)											
43	2	172175-03170	LABEL	1							
44	2	172456-03170	LABEL	1							
45	2	172445-03180	LABEL	3							
46	2	172496-03200	LABEL, OPERATION	1							
47	2	172445-03220	LABEL	1							
48	2	172445-03230	LABEL	1							
49	2	172458-03260	LABEL	1							
50	2	172A23-03300	LABEL	1							
51	2	172455-03520	LABEL	1							
52	2	172490-03210	LABEL, P.T.O.	1							2
52-1	2	172496-03210	LABEL, P.T.O.	1							N 2
(A=M30501)											
53	2	172165-03240	LABEL	1							3
54	2	172458-03240	LABEL, LOCK	1							2
55	2	172460-03230	LABEL,SEAT BELT	1							
56	2	172460-03241	LABEL,ROPS	1							
57	2	172458-03601	LABEL, DOOR LOCK	1							
58	2	172A47-03400	LABEL,START	1							W
(A=M37379)											
63	1	172A64-03050	EMBLEM ASSY	1							W
(A=M38501)											

Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)IMMOBILIZER SPEC.

Fig.155. (1A)LABEL(CABIN)(JP)(FROM M3F001 TO M3F855)(T SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



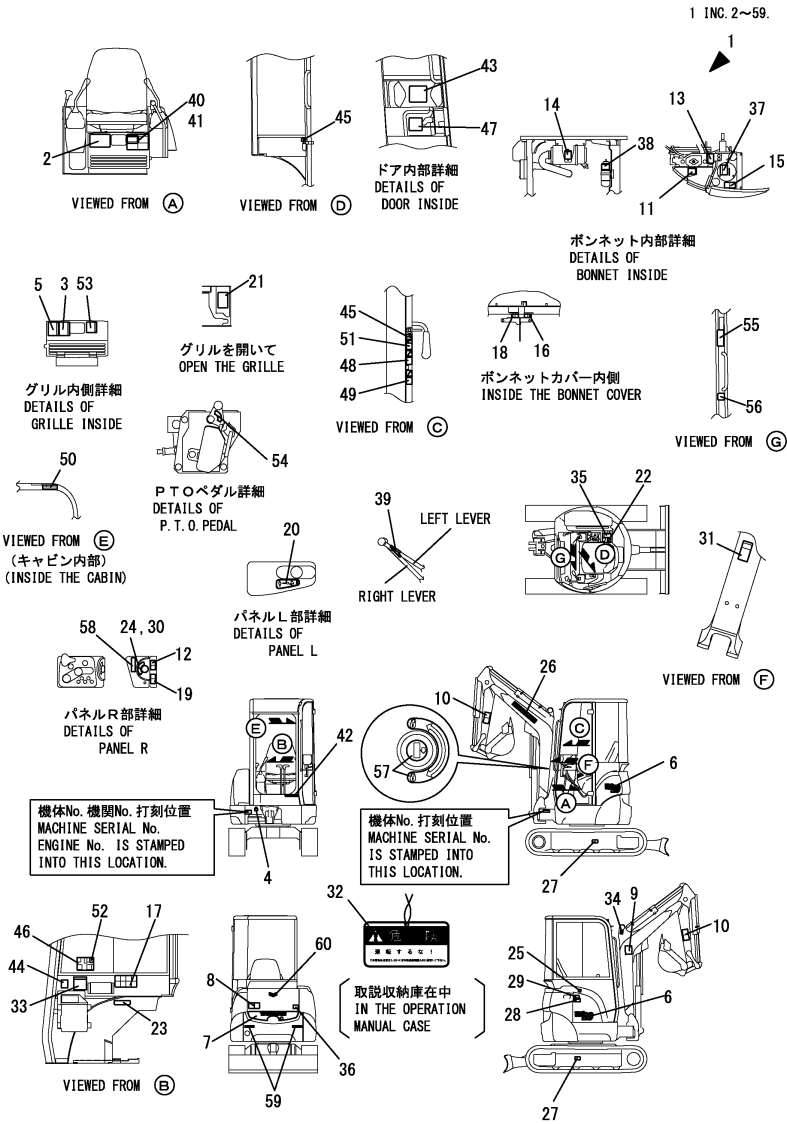
Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)IMMOBILIZER SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-03412	LABEL SET,VIO20-3JCD	1							Z
		(A=M3F856)									
2	2	172A23-03113	LABEL,SPEC	1							
3	2	172456-03121	LABEL,OIL & WATER	1							
4	2	172A23-03130	LABEL,GREASE	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172A23-03470	LABEL,MODEL VIO20	2							
7	2	172A23-03790	LABEL,REAR	1							
8	2	172444-03170	LABEL	1							
9	2	172A23-03180	LABEL,LIFTING	1							
10	2	172444-03181	LABEL	2							
11	2	172444-03190	LABEL	1							
12	2	172448-03190	LABEL,FAN	1							
13	2	172458-03190	LABEL,OILING	1							
14	2	172141-03202	LABEL,CAUTION	1							
15	2	172450-03200	LABEL,BATTERY	1							
16	2	172458-03200	LABEL,FAN	1							
17	2	172444-03210	LABEL	1							
18	2	172458-03210	LABEL,BELT	1							
19	2	172446-03220	LABEL,BELT	1							
20	2	172458-03220	LABEL,ACCELERATOR	1							
21	2	172458-03231	LABEL,HUSE	1							
22	2	172A23-03240	LABEL,OPEN	1							
23	2	172444-03240	LABEL	1							
24	2	172A64-03750	LABEL,START SWITCH	1							4
25	2	172183-03250	LABEL,FUEL	1							
26	2	172A86-03790	LABEL,YANMAR 450 B	1							
27	2	172444-03280	LABEL	2							
28	2	172142-03302	LABEL,CAUTION	1							
29	2	172455-03340	LABEL	1							
30	2	172A64-03700	LABEL,START SWITCH	1							
31	2	172964-03370	LABEL	1							
32	2	172964-03481	TAG ASSY, CAUTION	1							
33	2	172164-03510	LABEL,LOADING	1							
34	2	172437-03511	LABEL,HOOK	1							
35	2	172164-03540	LABEL	1							
36	2	172519-04180	LABEL,WARNING	1							
37	2	172519-04290	LABEL,WARNING	1							
38	2	121470-44540	LABEL,SUB-TANK	1							
39	2	172183-03280	LABEL,LOCK	1							
40	2	172444-03290	MAGNET	1							1
41	2	172151-03551	LABEL	1							1
42	2	172B16-03180	LABEL,BRANDLOGO 200	1							
43	2	172175-03170	LABEL	1							
44	2	172456-03170	LABEL	1							
45	2	172445-03180	LABEL	3							
46	2	172496-03200	LABEL,OPERATION	1							
47	2	172445-03220	LABEL	1							
48	2	172445-03230	LABEL	1							
49	2	172458-03260	LABEL	1							
50	2	172A23-03300	LABEL	1							

Fig.155. (1A)LABEL(CABIN)(JP)(FROM M3F001 TO M3F855)(T SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	2	172455-03520	LABEL	1							
52	2	172496-03210	LABEL, P.T.O.	1							2
53	2	172165-03240	LABEL	1							3
54	2	172458-03240	LABEL, LOCK	1							2
55	2	172460-03230	LABEL, SEAT BELT	1							
56	2	172460-03241	LABEL, ROPS	1							
57	2	172458-03601	LABEL, DOOR LOCK	1							
58	2	172A47-03400	LABEL, START	1							
59	2	172B04-03980	LABEL, REFLECTOR M	2							
60	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

Remarks

* P.T.O. kit is shown in Fig.154.

* IMMOBILIZER kit is shown in Fig.160.

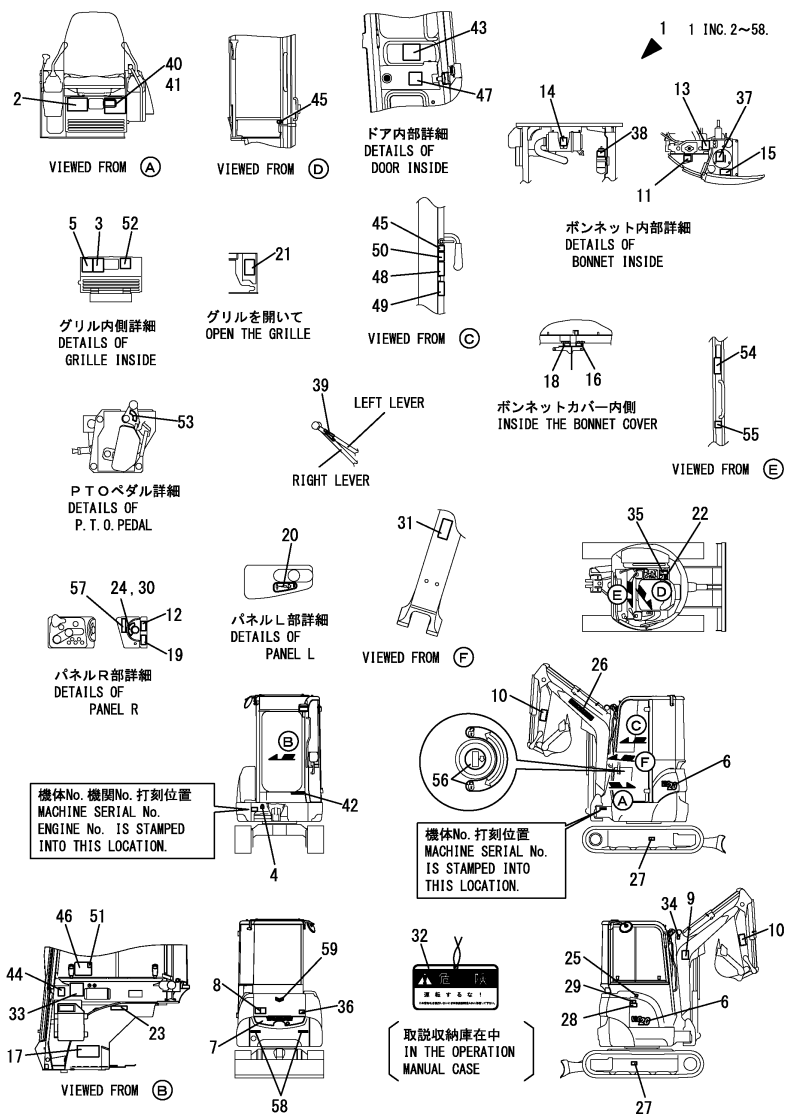
(1)4-WAY MULT SPEC.

(2)P.T.O. SPEC.

(3)RUBBER CRAWLER SPEC.

(4)IMMOBILIZER SPEC.

Fig.169. (1B)LABEL(CABIN)(JP)(FROM M3F856)(Y SPEC.)



(4)IMMOBILIZER SPEC.

(F)=

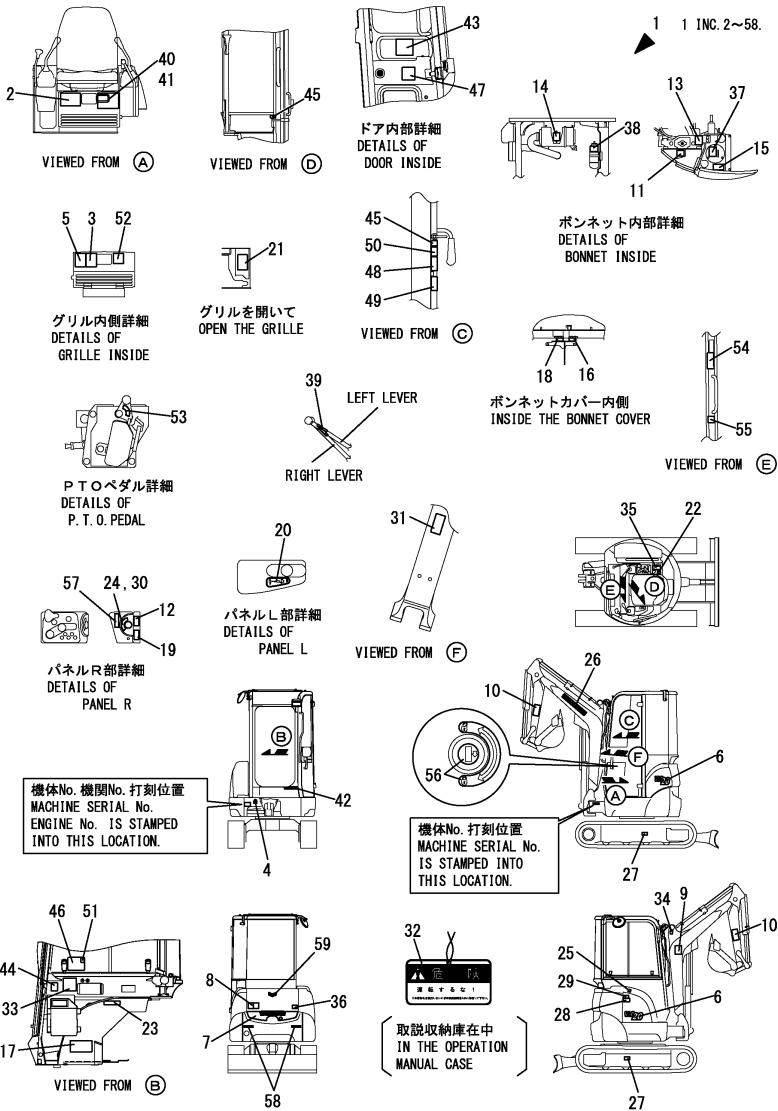
No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172A23-03413	LABEL SET,VIO20-3JCD	1						W
	(A=M3F856)									
2	2	172A23-03113	LABEL,SPEC	1						
3	2	172456-03122	LABEL, OIL&WATER	1						
4	2	172A23-03130	LABEL,GREASE	1						
5	2	172458-03130	LABEL,GREASE FEED	1						
6	2	172A23-03470	LABEL,MODEL VIO20	2						
7	2	172A23-03790	LABEL,REAR	1						
8	2	172444-03170	LABEL	1						
9	2	172A23-03180	LABEL,LIFTING	1						
10	2	172444-03181	LABEL	2						
11	2	172444-03190	LABEL	1						
12	2	172448-03190	LABEL,FAN	1						
13	2	172458-03191	LABEL,OILING	1						
14	2	172141-03202	LABEL,CAUTION	1						
15	2	172450-03200	LABEL,BATTERY	1						
16	2	172458-03200	LABEL,FAN	1						
17	2	172444-03210	LABEL	1						
18	2	172458-03210	LABEL,BELT	1						
19	2	172446-03220	LABEL,BELT	1						
20	2	172458-03220	LABEL, ACCELERATOR	1						
21	2	172458-03231	LABEL, HUSE	1						
22	2	172A23-03240	LABEL,OPEN	1						
23	2	172444-03240	LABEL	1						
24	2	172A64-03750	LABEL,START SWITCH	1						4
25	2	172183-03250	LABEL,FUEL	1						
26	2	172A86-03790	LABEL,YANMAR 450 B	1						
27	2	172444-03280	LABEL	2						
28	2	172142-03302	LABEL,CAUTION	1						
29	2	172455-03340	LABEL	1						
30	2	172A64-03700	LABEL, START SWITCH	1						
31	2	172964-03370	LABEL	1						
32	2	172964-03481	TAG ASSY, CAUTION	1						
33	2	172164-03510	LABEL,LOADING	1						
34	2	172437-03511	LABEL, HOOK	1						
35	2	172164-03540	LABEL	1						
36	2	172519-04180	LABEL,WARNING	1						
37	2	172519-04290	LABEL,WARNING	1						
38	2	121470-44540	LABEL, SUB-TANK	1						
39	2	172183-03280	LABEL, LOCK	1						
40	2	172444-03290	MAGNET	1						1
41	2	172151-03551	LABEL	1						1
42	2	172B16-03180	LABEL,BRANDLOGO 200	1						
43	2	172175-03170	LABEL	1						
44	2	172456-03170	LABEL	1						
45	2	172445-03180	LABEL	3						
46	2	172496-03200	LABEL, OPERATION	1						
47	2	172445-03220	LABEL	1						
48	2	172445-03230	LABEL	1						
49	2	172458-03260	LABEL	1						
50	2	172455-03520	LABEL	1						

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.169. (1B)LABEL(CABIN)(JP)(FROM M3F856)(Y SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



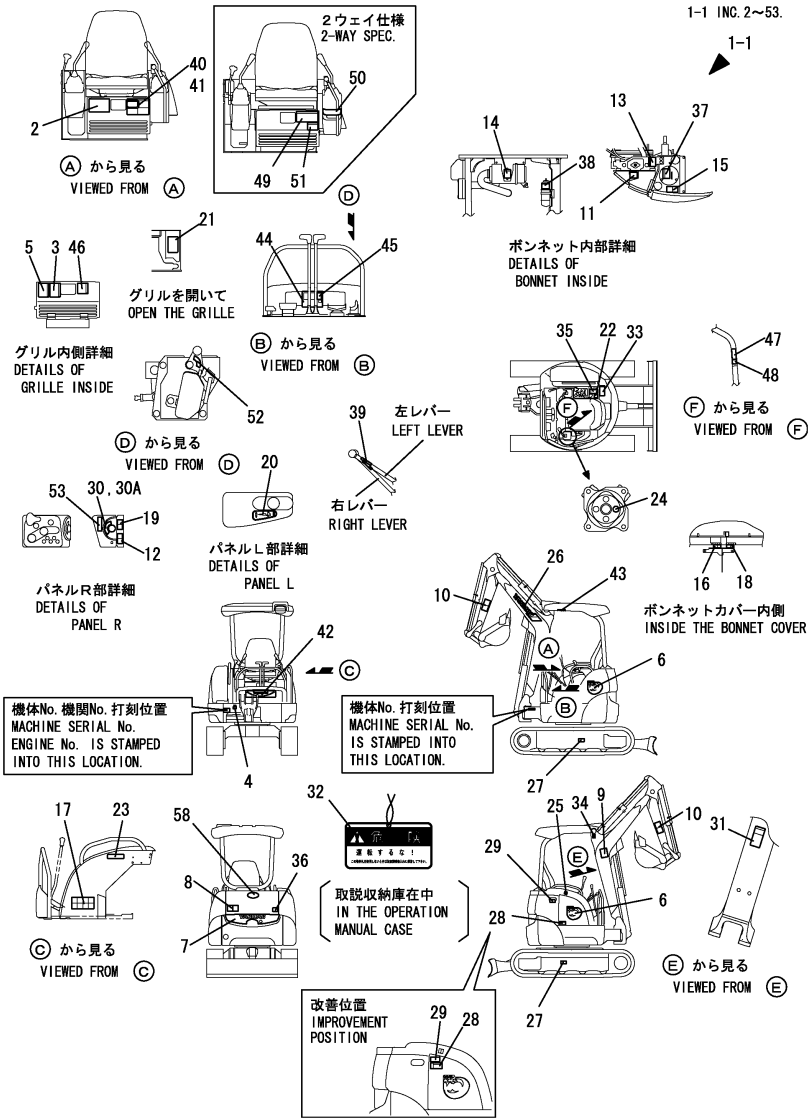
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	2	172496-03210	LABEL, P.T.O.	1							2
52	2	172165-03240	LABEL	1							3
53	2	172458-03240	LABEL, LOCK	1							2
54	2	172460-03230	LABEL, SEAT BELT	1							
55	2	172460-03241	LABEL, ROPS	1							
56	2	172458-03601	LABEL, DOOR LOCK	1							
57	2	172A47-03400	LABEL, START	1							
58	2	172B04-03980	LABEL, REFLECTOR M	2							
59	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)IMMOBILIZER SPEC.

Fig.2. LABEL(CANOPY)(JP)(TO M3F000)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

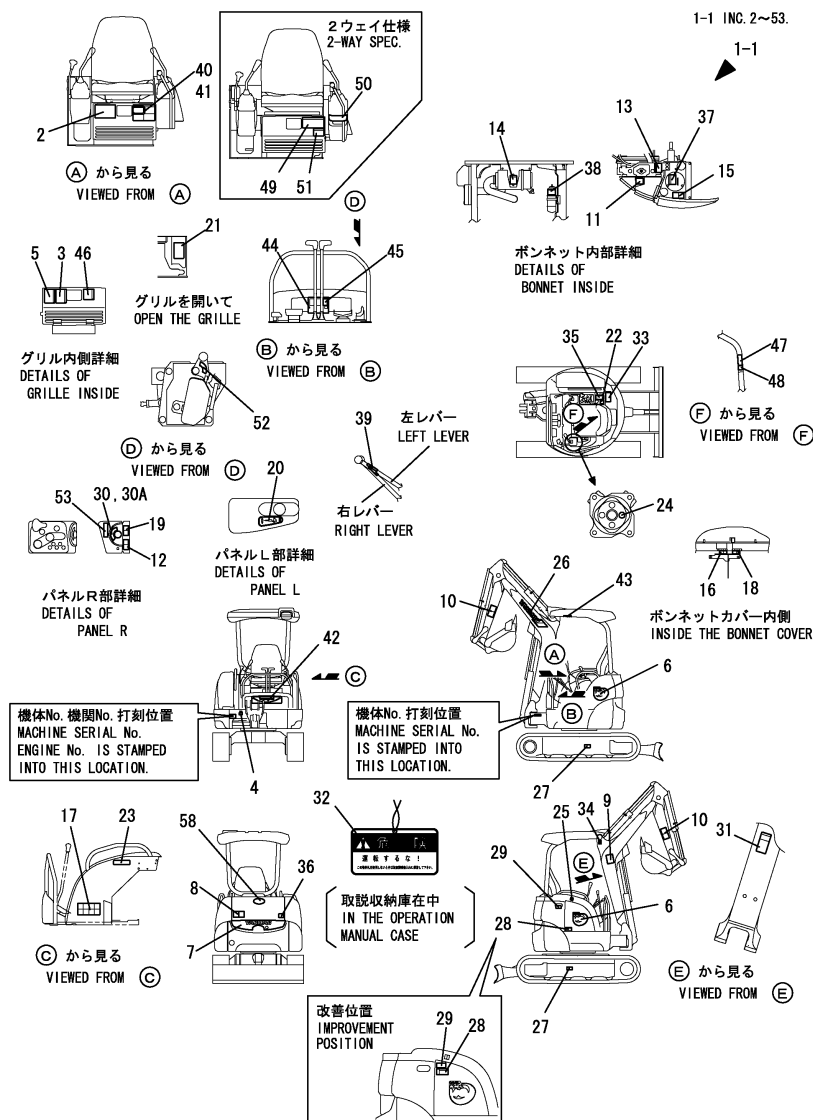
(D)=
(E)=
(F)=



Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)2-WAY MULTI SPEC.
(5)IMMOBILIZER SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1-1	1	772A23-03110	LABEL SET,VIO20-3JPP		1						
1-2	1	172A23-03420	LABEL SET,VIO20-3JPP (B=M37001)		1						S
1-3	1	172A23-03421	SET,LABEL VIO20-3JPP (B=M38501)		1						S
2	2	172A23-03110	LABEL,SPECIFICATION		1						
2-1	2	172A23-03111	LABEL, SPECIFICATION (B=M/#31175)		1						N
2-2	2	172A23-03112	LABEL,SPEC (B=M37001)		1						S
3	2	172456-03121	LABEL,OIL & WATER		1						
4	2	172157-03130	LABEL, GREASE		1						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172456-03150	LABEL,MODEL		2						
6-1	2	172A23-03120	LABEL,MODEL (B=M38501)		2						S
7	2	172458-03160	LABEL, REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172A23-03180	LABEL,LIFTING		1						
10	2	172444-03181	LABEL		2						
11	2	172444-03190	LABEL		1						
12	2	172448-03190	LABEL,FAN		1						
13	2	172458-03190	LABEL,OILING		1						
14	2	172141-03202	LABEL,CAUTION		1						
15	2	172450-03200	LABEL,BATTERY		1						
16	2	172458-03200	LABEL,FAN		1						
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172446-03220	LABEL,BELT		1						
20	2	172458-03220	LABEL,ACCELERATOR		1						
21	2	172458-03231	LABEL, HUSE		1						
22	2	172A23-03240	LABEL,OPEN		1						
23	2	172444-03240	LABEL		1						
24	2	172173-03250	LABEL (B=M37379)		1						Z
25	2	172183-03250	LABEL,FUEL		1						
26	2	172524-03271	LABEL, REAR		1						
26-1	2	172A55-03310	LABEL, BRAND 450 (B=M/#33092)		1						N
26-2	2	172A86-03310	LABEL,YANMAR (B=M38501)		1						N
27	2	172444-03280	LABEL		2						
28	2	172142-03302	LABEL,CAUTION		1						
29	2	172455-03340	LABEL		1						
30	2	172141-03360	LABEL, START SWITCH		1						
30-1	2	172157-03170	LABEL, KEY SWITCH (B=M/#32044)		1						N
30-2	2	172A64-03700	LABEL, START SWITCH (B=M/# 34874)		1						N
30A	2	172A64-03750	LABEL,START SWITCH (B=M/# 35240)		1						W 5

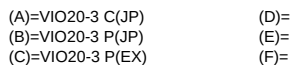
Fig.2. LABEL(CANOPY)(JP)(TO M3F000)



				(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I R
31	2	172964-03370	LABEL		1					
32	2	172964-03481	TAG ASSY, CAUTION		1					
33	2	172164-03510	LABEL,LOADING		1					
34	2	172437-03510	LABEL, HOOK		3					
34-1	2	172437-03510	LABEL, HOOK		1					K
(B=M/#31175)										
34-2	2	172437-03511	LABEL, HOOK		1					N
(B=M/#31399)										
35	2	172164-03540	LABEL		1					
36	2	172519-04180	LABEL,WARNING		1					
37	2	172519-04290	LABEL,WARNING		1					
38	2	121470-44540	LABEL, SUB-TANK		1					
39	2	172183-03280	LABEL, LOCK		2					
40	2	172444-03290	MAGNET		1					1
41	2	172151-03551	LABEL		1					1
42	2	172458-03140	LABEL, FRONT		1					
42-1	2	172A64-03120	LABEL,VIO17 FRONT		1					N
(B=M38501)										
43	2	172444-03330	LABEL		1					
44	2	172490-03200	LABEL, OPERATION		1					
45	2	172490-03210	LABEL, P.T.O.		1					2
46	2	172165-03240	LABEL		1					3
47	2	172460-03230	LABEL,SEAT BELT		1					2
48	2	172460-03241	LABEL,ROPS		1					2
49	2	172458-03550	LABEL		1					4
50	2	172458-03560	LABEL		1					4
51	2	172458-03570	LABEL		1					4
52	2	172458-03240	LABEL, LOCK		1					2
53	2	172A47-03400	LAVEL,START		1					W
(B=M37379)										
58	1	172A64-03050	EMBLEM ASSY		1					W
(B=M38501)										

- * P.T.O. kit is shown in Fig.154.
- * IMMOBILIZER kit is shown in Fig.160.
- (1)4-WAY MULT SPEC.
- (2)P.T.O. SPEC.
- (3)RUBBER CRAWLER SPEC.
- (4)2-WAY MULTI SPEC.
- (5)IMMOBILIZER SPEC.

Fig.156. (2A)LABEL(CANOPY)(JP)(FROM M3F001)



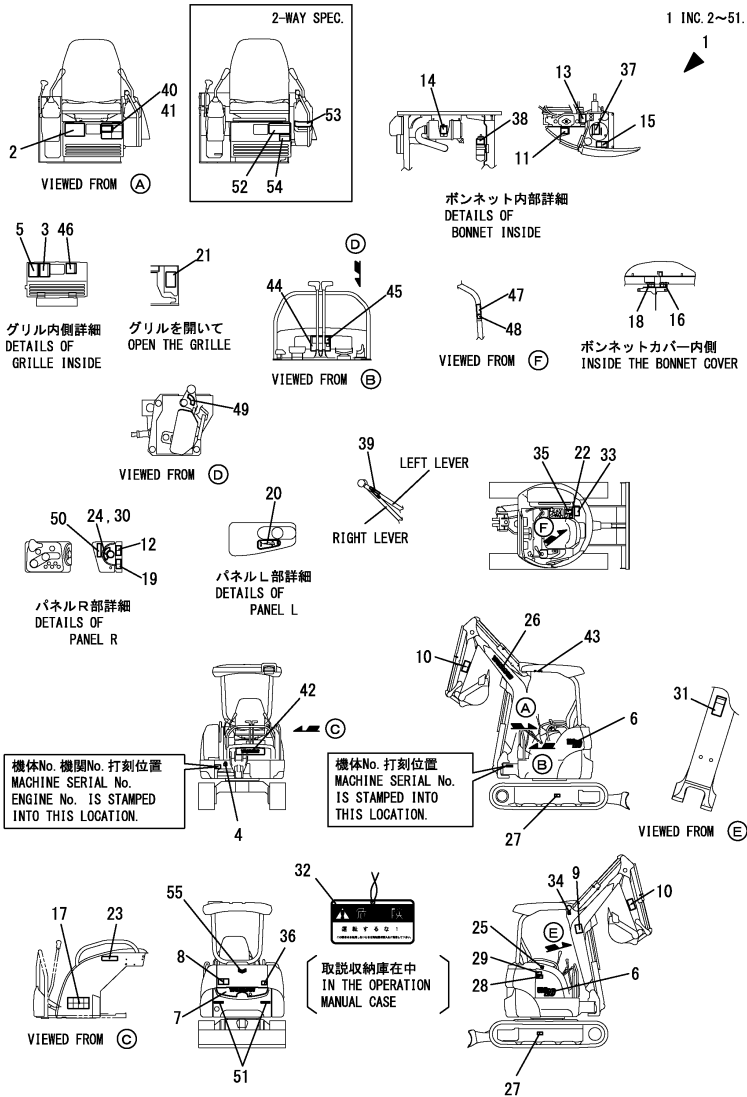
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-03422	LABEL SET,VIO20-3JPP		1						
2	2	172A23-03113	LABEL,SPEC		1						
3	2	172456-03121	LABEL,OIL & WATER		1						
4	2	172A23-03130	LABEL,GREASE		1						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172A23-03470	LABEL,MODEL VIO20		2						
7	2	172A23-03790	LABEL,REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172A23-03180	LABEL,LIFTING		1						
10	2	172444-03181	LABEL		2						
11	2	172444-03190	LABEL		1						
12	2	172448-03190	LABEL,FAN		1						
13	2	172458-03190	LABEL,OILING		1						
14	2	172141-03202	LABEL,CAUTION		1						
15	2	172450-03200	LABEL,BATTERY		1						
16	2	172458-03200	LABEL,FAN		1						
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172446-03220	LABEL,BELT		1						
20	2	172458-03220	LABEL, ACCELERATOR		1						
21	2	172458-03231	LABEL, HUSE		1						
22	2	172A23-03240	LABEL,OPEN		1						
23	2	172444-03240	LABEL		1						
24	2	172A64-03750	LABEL,START SWITCH		1						5
25	2	172183-03250	LABEL,FUEL		1						
26	2	172A86-03790	LABEL,YANMAR 450 B		1						
27	2	172444-03280	LABEL		2						
28	2	172142-03302	LABEL,CAUTION		1						
29	2	172455-03340	LABEL		1						
30	2	172A64-03700	LABEL, START SWITCH		1						
31	2	172964-03370	LABEL		1						
32	2	172964-03481	TAG ASSY, CAUTION		1						
33	2	172164-03510	LABEL,LOADING		1						
34	2	172437-03511	LABEL, HOOK		1						
35	2	172164-03540	LABEL		1						
36	2	172519-04180	LABEL,WARNING		1						
37	2	172519-04290	LABEL,WARNING		1						
38	2	121470-44540	LABEL, SUB-TANK		1						
39	2	172183-03280	LABEL, LOCK		2						
40	2	172444-03290	MAGNET		1						1
41	2	172151-03551	LABEL		1						1
42	2	172A86-03750	LABEL,YANMAR 280 B		1						
43	2	172444-03330	LABEL		1						
44	2	172490-03200	LABEL, OPERATION		1						
45	2	172490-03210	LABEL, P.T.O.		1						2
46	2	172165-03240	LABEL		1						3
47	2	172460-03230	LABEL,SEAT BELT		1						2
48	2	172460-03241	LABEL,ROPS		1						2
49	2	172458-03240	LABEL, LOCK		1						2
50	2	172A47-03400	LAVEL,START		1						
51	2	172B04-03980	LABEL, REFLECTOR M		2						

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.156. (2A)LABEL(CANOPY)(JP)(FROM M3F001)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	172458-03550	LABEL		1						4
53	1	172458-03560	LABEL		1						4
54	1	172458-03570	LABEL		1						4
55	1	172A64-03400	EMBLEM ASSY,FY L2 Y		1						

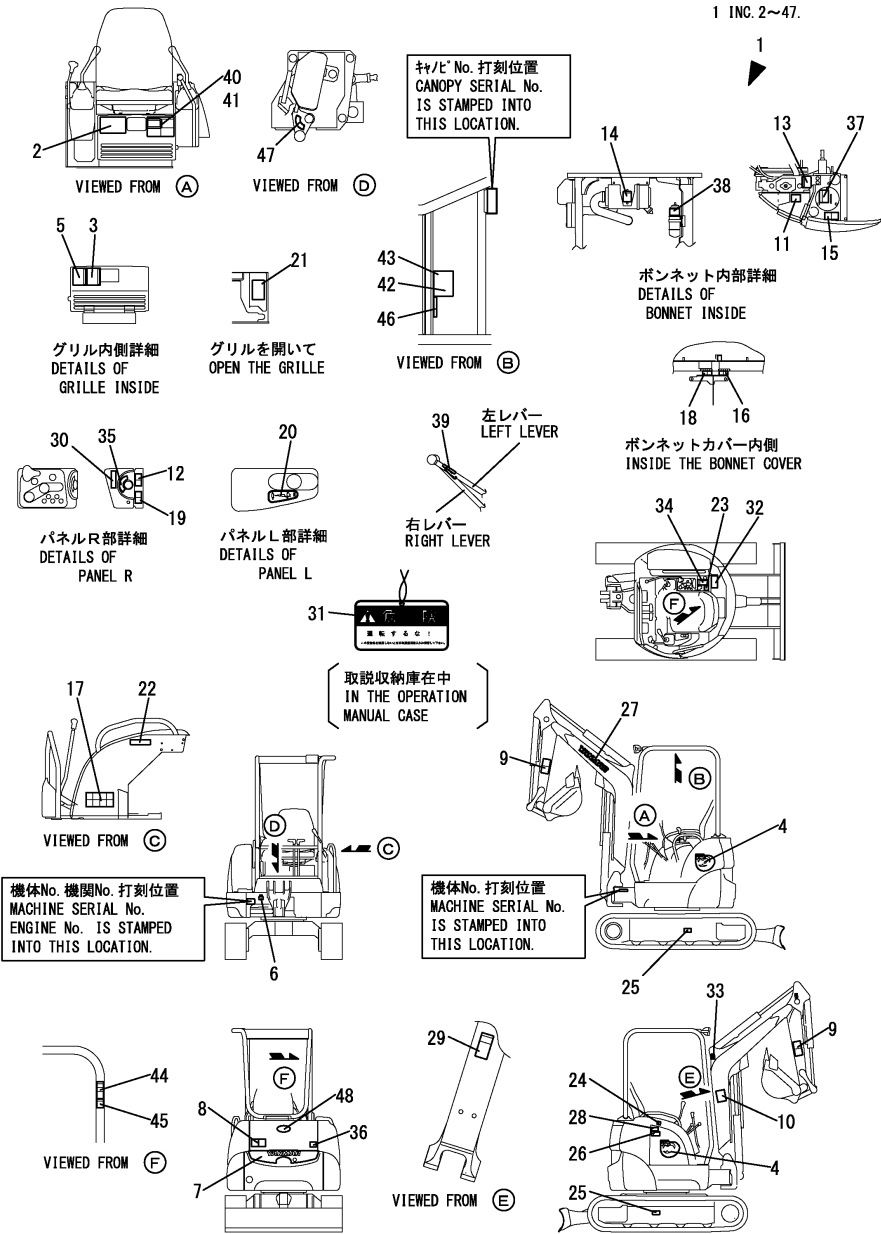
Remarks
* P.T.O. kit is shown in Fig.154.
* IMMOBILIZER kit is shown in Fig.160.
(1)4-WAY MULT SPEC.
(2)P.T.O. SPEC.
(3)RUBBER CRAWLER SPEC.
(4)2-WAY MULTI SPEC.
(5)IMMOBILIZER SPEC.

Fig.140. (2B)LABEL(4P CANOPY)(JP)(TO M3F000)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-03440	LABEL SET,JPRP		1						
2	2	172A23-03113	LABEL,SPEC		1						
3	2	172456-03121	LABEL,OIL & WATER		1						
4	2	172A23-03120	LABEL,MODEL		2						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172A23-03130	LABEL,GREASE		1						
7	2	172458-03160	LABEL, REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172444-03181	LABEL		2						
10	2	172A23-03180	LABEL,LIFTING		1						
11	2	172444-03190	LABEL		1						
12	2	172448-03190	LABEL,FAN		1						
13	2	172458-03190	LABEL,OILING		1						
14	2	172141-03202	LABEL,CAUTION		1						
15	2	172450-03200	LABEL,BATTERY		1						
16	2	172458-03200	LABEL,FAN		1						
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172446-03220	LABEL,BELT		1						
20	2	172458-03220	LABEL,ACCELERATOR		1						
21	2	172458-03231	LABEL,HUSE		1						
22	2	172444-03240	LABEL		1						
23	2	172A23-03240	LABEL,OPEN		1						
24	2	172183-03250	LABEL,FUEL		1						
25	2	172444-03280	LABEL		2						
26	2	172142-03302	LABEL,CAUTION		1						
27	2	172A86-03310	LABEL,YANMAR		1						
28	2	172455-03340	LABEL		1						
29	2	172964-03370	LABEL		1						
30	2	172A47-03400	LABEL,START		1						
31	2	172964-03481	TAG ASSY, CAUTION		1						
32	2	172164-03510	LABEL,LOADING		1						
33	2	172437-03511	LABEL,HOOK		1						
34	2	172164-03540	LABEL		1						
35	2	172A64-03700	LABEL, START SWITCH		1						
36	2	172519-04180	LABEL,WARNING		1						
37	2	172519-04290	LABEL,WARNING		1						
38	2	121470-44540	LABEL, SUB-TANK		1						
39	2	172183-03280	LABEL, LOCK		1						
40	2	172444-03290	MAGNET		1						
41	2	172151-03551	LABEL		1						
42	2	172490-03200	LABEL, OPERATION		1						
43	2	172490-03210	LABEL, P.T.O.		1						
44	2	172460-03230	LABEL,SEAT BELT		1						
45	2	172460-03241	LABEL,ROPS		1						
46	2	172444-03330	LABEL		1						
47	2	172458-03240	LABEL, LOCK		1						
48	1	172A64-03050	EMBLEM ASSY		1						

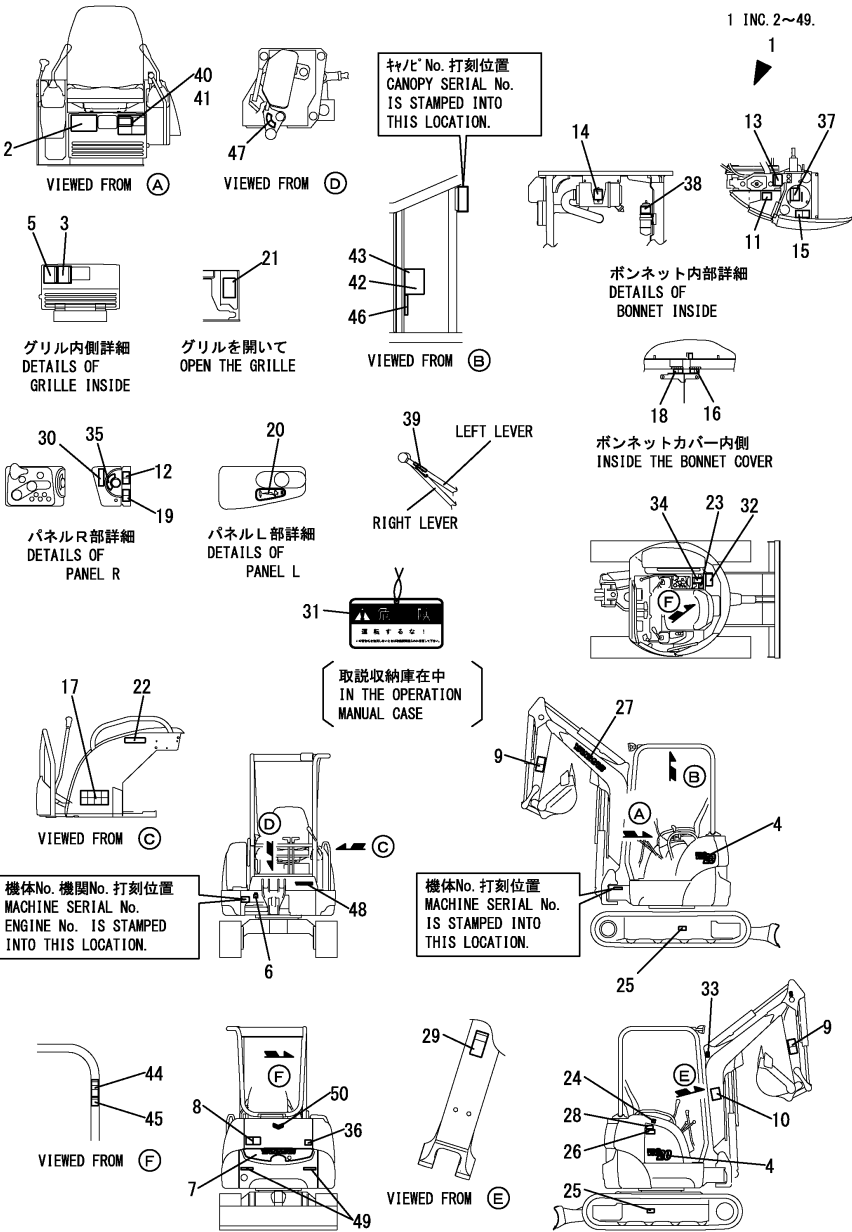


Remarks
* P.T.O. kit is shown in Fig.154.

Fig.157. (2C)LABEL(4P CANOPY)(JP)(FROM M3F001)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

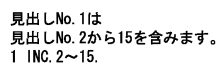
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-03441	LABEL SET,JPRP D		1						
2	2	172A23-03113	LABEL,SPEC		1						
3	2	172456-03121	LABEL,OIL & WATER		1						
4	2	172A23-03470	LABEL,MODEL VIO20		2						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172A23-03130	LABEL,GREASE		1						
7	2	172A23-03790	LABEL,REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172444-03181	LABEL		2						
10	2	172A23-03180	LABEL,LIFTING		1						
11	2	172444-03190	LABEL		1						
12	2	172448-03190	LABEL,FAN		1						
13	2	172458-03190	LABEL,OILING		1						
14	2	172141-03202	LABEL,CAUTION		1						
15	2	172450-03200	LABEL,BATTERY		1						
16	2	172458-03200	LABEL,FAN		1						
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172446-03220	LABEL,BELT		1						
20	2	172458-03220	LABEL,ACCELERATOR		1						
21	2	172458-03231	LABEL,HUSE		1						
22	2	172444-03240	LABEL		1						
23	2	172A23-03240	LABEL,OPEN		1						
24	2	172183-03250	LABEL,FUEL		1						
25	2	172444-03280	LABEL		2						
26	2	172142-03302	LABEL,CAUTION		1						
27	2	172A86-03790	LABEL,YANMAR 450 B		1						
28	2	172455-03340	LABEL		1						
29	2	172964-03370	LABEL		1						
30	2	172A47-03400	LABEL,START		1						
31	2	172964-03481	TAG ASSY, CAUTION		1						
32	2	172164-03510	LABEL,LOADING		1						
33	2	172437-03511	LABEL,HOOK		1						
34	2	172164-03540	LABEL		1						
35	2	172A64-03700	LABEL,START SWITCH		1						
36	2	172519-04180	LABEL,WARNING		1						
37	2	172519-04290	LABEL,WARNING		1						
38	2	121470-44540	LABEL,SUB-TANK		1						
39	2	172183-03280	LABEL,LOCK		1						
40	2	172444-03290	MAGNET		1						
41	2	172151-03551	LABEL		1						
42	2	172490-03200	LABEL,OPERATION		1						
43	2	172490-03210	LABEL,P.T.O.		1						
44	2	172460-03230	LABEL,SEAT BELT		1						
45	2	172460-03241	LABEL,ROPS		1						
46	2	172444-03330	LABEL		1						
47	2	172458-03240	LABEL,LOCK		1						
48	2	172B16-03180	LABEL,BRANDLOGO 200		1						
49	2	172B04-03980	LABEL,REFLECTOR M		2						
50	1	172A64-03400	EMBLEM ASSY,FY L2 Y		1						

Remarks
* P.T.O. kit is shown in Fig.154.

Fig.3. LABEL(QUICK COUPLER)(JP)



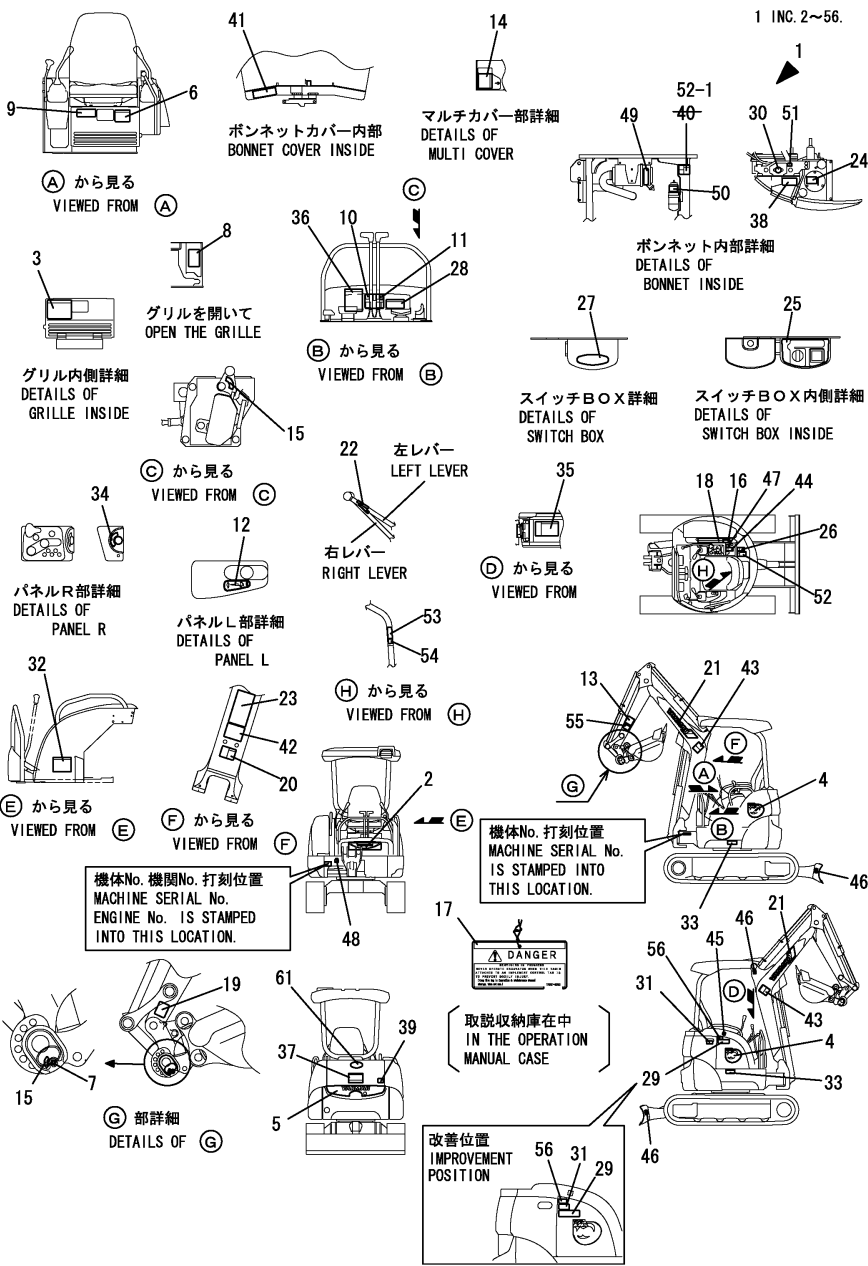
No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	772958-03101	LABEL SET,VIO(QUICK	1	1					
1-1	1	172A23-03430	SET,LABEL VIO20-3JPQ	1	1					N
		(A=M37001)	(B=M37001)							
2	2	172958-03110	LABEL	1	1					
3	2	172958-03120	LABEL	1	1					1
4	2	172958-03130	LABEL	1	1					1
5	2	172958-03140	LABEL	1	1					
6	2	172958-03160	LABEL	1	1					
7	2	172958-03180	LABEL, COVER	1	1					
8	2	172958-03220	LABEL	1	1					
9	2	172958-03230	LABEL,PIN	1	1					
10	2	172458-03240	LABEL, LOCK	1	1					
11	2	172958-03100	LABEL	1	1					
12	2	172958-03170	LABEL	1	1					2
13	2	172958-03190	LABEL, SWITCH	1	1					
14	2	172958-03310	LABEL,COLLAR	1	1					Z
		(A=M30501)	(B=M30501)							
15	2	172958-03300	LABEL,PLUG	1	1					

(1)NOT USED FOR THE CABIN SPEC.
(2)NOT USED FOR THE CANOPY SPEC.

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

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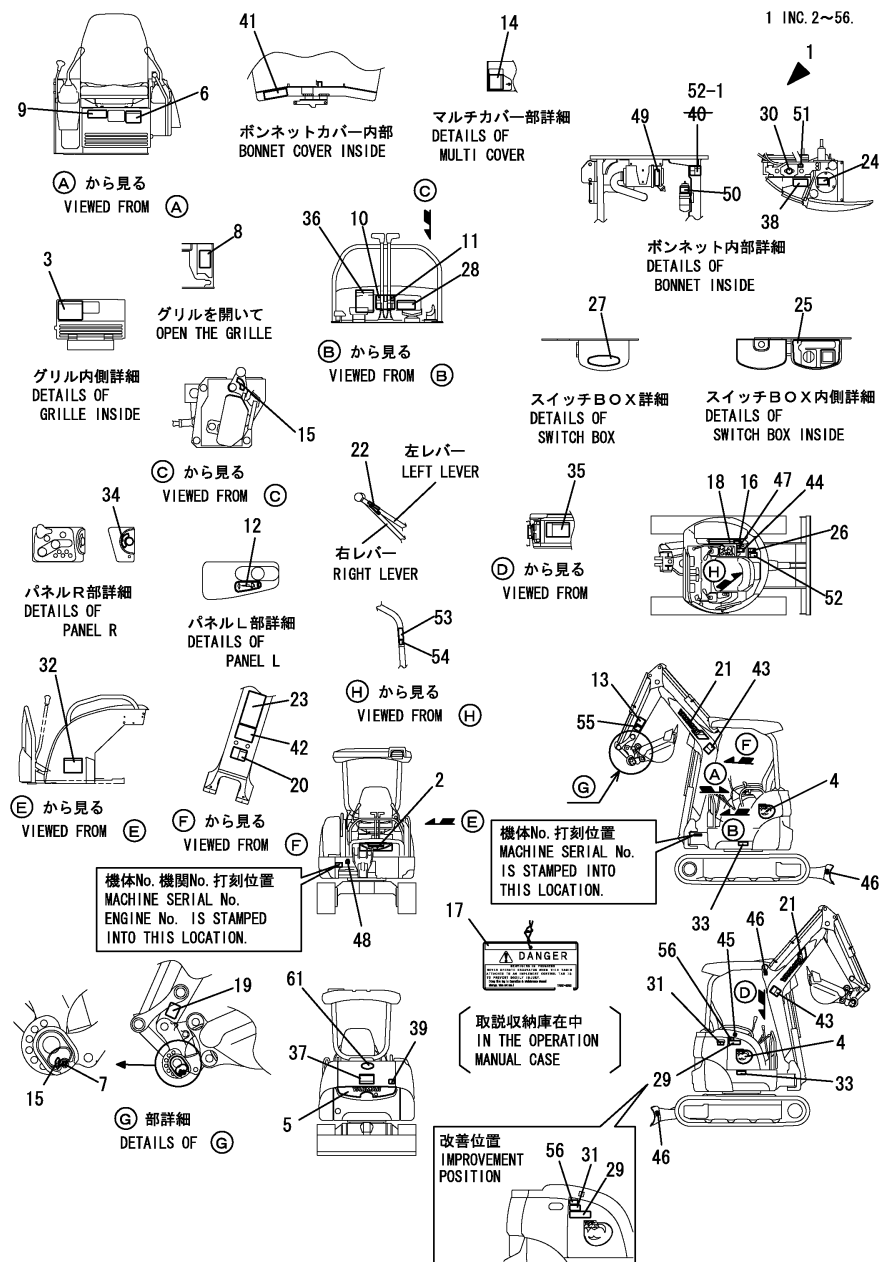
Fig.4. LABEL(CANOPY)(EX)(TO M3F000)



Remarks
(1)RUBBER CRAWLER SPEC.
(2)P.T.O. SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A36-03140	LABEL SET VIO20-3(EX			1					
1-1	1	772A36-03140-Y	LABEL SET VIO20-3(EX (C=M38501)			1				S	
2	2	172458-03140	LABEL, FRONT			1					
2-1	2	172A64-03120	LABEL,VIO17 FRONT (C=M38501)			1				N	
3	2	172469-03140	LABEL,OIL&WATER			1					
4	2	172456-03150	LABEL,MODEL			2					
4-1	2	172A23-03120	LABEL,MODEL (C=M38501)			2				S	
5	2	172458-03160	LABEL, REAR			1					
6	2	172472-03160	LABEL,GREASE			1					
7	2	172958-03160	LABEL			1					
8	2	172472-03171	LABEL,FUSE US			1					
9	2	172A36-03200	LABEL,SPECIFICATION			1					
9-1	2	172A36-03201	LABEL, SPECIFICATION (C=M/#31175)			1				N	
9-2	2	172A36-03202	LABEL,SPEC KR (C=M45001)			1				S	
10	2	172490-03200	LABEL, OPERATION			1					
11	2	172490-03210	LABEL, P.T.O.			1					2
12	2	172458-03220	LABEL, ACCELERATOR			1					
13	2	172472-03230	LABEL, OPERATION			1					
14	2	172437-03241	LABEL,CRAWLER			1					1
14-1	2	172437-03242	LABEL, CRAWLER (C=M/#31299)			1				N	1
15	2	172458-03240	LABEL, LOCK			2					
16	2	172472-03240	LABEL,PIN US			1					
16-1	2	172472-03241	LABEL, PINUS (C=M/#31299)			1				N	
17	2	172437-03250	TAG ASSY, CAUTION			1					
17-1	2	172437-03252	TAG ASSY, CAUTION (C=M/#32722)			1				N	
18	2	172472-03250	LABEL, OPERATION			1					
19	2	172472-03260	LABEL,FINGER			1					
19-1	2	172472-03261	LABEL, FINGER (C=M/#31299)			1				N	
20	2	172472-03270	LABEL,SAND US			1					
20-1	2	172472-03271	LABEL, SANDUS (C=M/#31299)			1				N	
21	2	172524-03271	LABEL, REAR			2					
21-1	2	172A55-03310	LABEL, BRAND 450 (C=M/#32637)			2				N	
21-2	2	172A86-03310	LABEL,YANMAR (C=M38501)			2				N	
22	2	172183-03280	LABEL, LOCK			2					
23	2	172472-03280	LABEL			1					
23-1	2	172472-03281	LABEL, WARNING HITCH (C=M/#31299)			1				N	
24	2	172463-03290	LABEL, HYD.OIL			1					
25	2	172472-03290	LABEL, SWITCH			1					Z

Fig.4. LABEL(CANOPY)(EX)(TO M3F000)

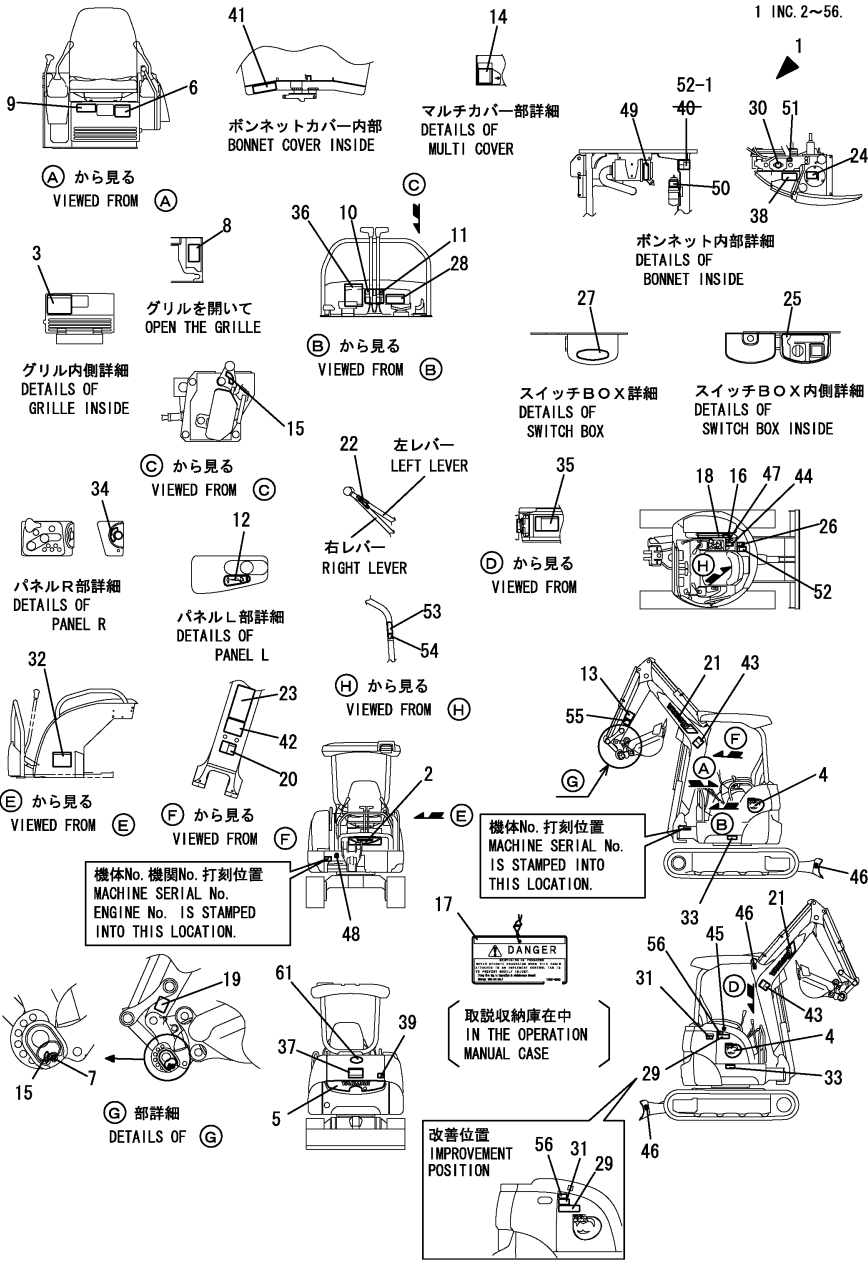


Remarks
(1) RUBBER CRAWLER SPEC.
(2) P.T.O. SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
			(C=M/# 35241)								
26	2	172437-03300	LABEL,MANUAL			1					
26-1	2	172437-03301	LABEL, MANUAL US			1					N
			(C=M/#31299)								
26-2	2	172437-03302	LABEL, MANUAL			1					N
			(C=M/#32722)								
27	2	172472-03300	LABEL, COVER			1					Z
			(C=M/# 35241)								
28	2	172437-03310	LABEL,SLOPE			1					
28-1	2	172437-03311	LABEL, SLOPE US			1					N
			(C=M/#31299)								
28-2	2	172437-03312	LABEL, SLOPE			1					N
			(C=M/#32044)								
29	2	172437-03321	LABEL,HYD.OIL TANK			1					
29-1	2	172437-03322	LABEL, RESEVOIR			1					N
			(C=M/#31299)								
30	2	172462-03320	LABEL, RADIATOR			1					
31	2	172463-03330	LABEL,COVER			1					
32	2	172437-03341	LABEL,TRANSPORT			1					
32-1	2	172437-03342	LABEL, TRANSPORT US			1					N
			(C=M/#31299)								
32-2	2	172437-03343	LABEL, TRANSPORT			1					N
			(C=M/#32722)								
33	2	172437-03351	LABEL,GREASE CYL.			2					
33-1	2	172437-03352	LABEL, CYLINDER			2					N
			(C=M/#31299)								
34	2	172141-03360	LABEL, START SWITCH			1					
34-1	2	172A64-03700	LABEL, START SWITCH			1					N
			(C=M/# 35337)								
35	2	172437-03360	LABEL,BATTERY			1					
35-1	2	172437-03361	LABEL, BATTERY			1					N
			(C=M/#31299)								
36	2	172437-03371	LABEL			1					
36-1	2	172437-03372	LABEL, NEUTRAL			1					N
			(C=M/#31299)								
37	2	172437-03380	LABEL,SWING AREA			1					
37-1	2	172437-03381	LABEL, SWING AREA			1					N
			(C=M/#31299)								
38	2	172437-03390	LABEL,RADIATOR			1					
38-1	2	172437-03391	LABEL, RADIATOR			1					N
			(C=M/#31299)								
39	2	172437-03401	LABEL (ENG COVER US			1					
39-1	2	172437-03402	LABEL, ENGINE COVER			1					N
			(C=M/#31299)								
40	2	172437-03411	LABEL (ENG ROOM US			1					Z
			(C=M/#30501)								
41	2	172437-03421	LABEL,MUFFLER			1					
41-1	2	172437-03422	LABEL, MUFFLER			1					N
			(C=M/#31299)								
42	2	172437-03431	LABEL,STEERING			1					
42-1	2	172437-03432	LABEL, STEERING			1					N

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.4. LABEL(CANOPY)(EX)(TO M3F000)



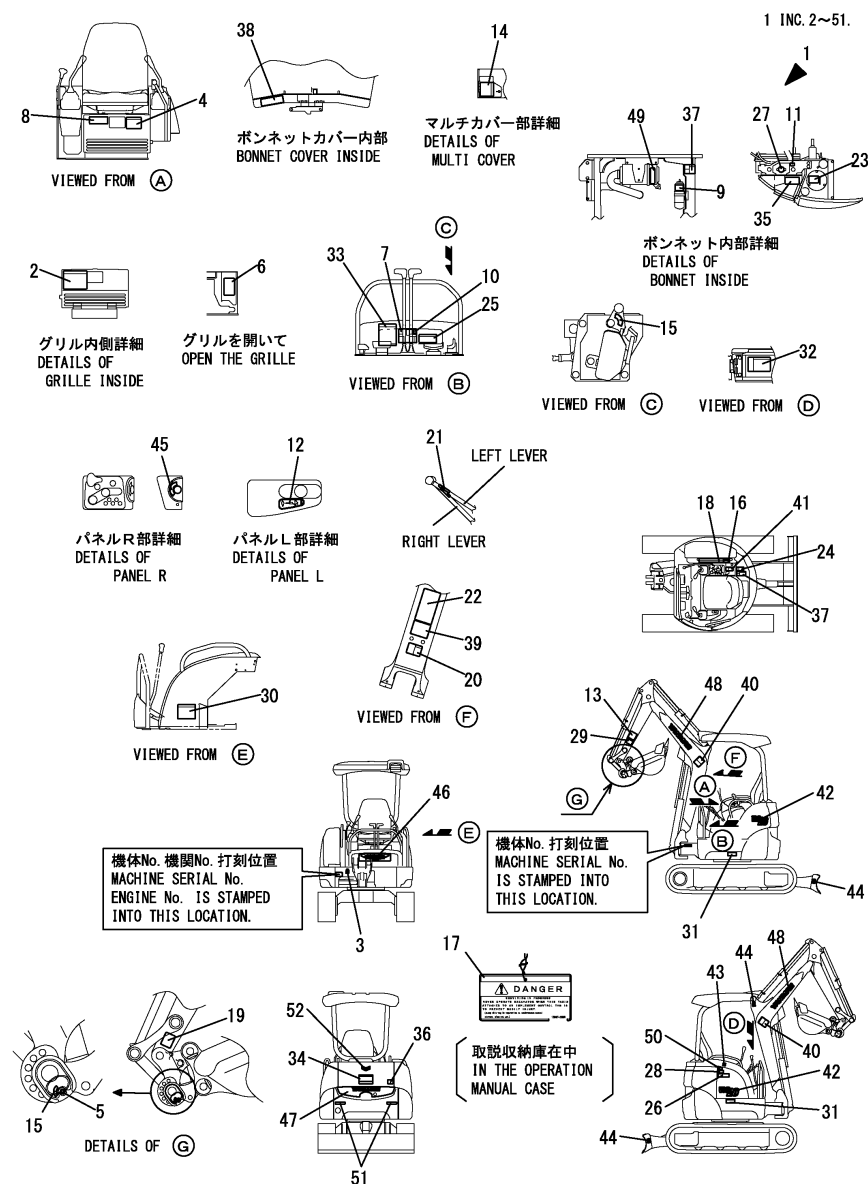
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
			(C=M/#31299)								
43	2	172437-03460	LABEL, BOOM			2					
43-1	2	172437-03461	LABEL, BOOM			2				N	
			(C=M/#31299)								
44	2	172437-03470	LABEL, LEVER LOCK			1					
44-1	2	172437-03471	LABEL, LEVER LOCK			1				N	
			(C=M/#31299)								
45	2	172437-03500	LABEL, FUEL			1					
45-1	2	172437-03501	LABEL, FUEL			1				N	
			(C=M/#31299)								
46	2	172437-03510	LABEL, HOOK			4					
46-1	2	172437-03510	LABEL, HOOK			3				K	
			(C=M/#31175)								
46-2	2	172437-03511	LABEL, HOOK			3				N	
			(C=M/#31299)								
47	2	172437-03530	LABEL, RE-START			1				Z	
			(C=M31399)								
48	2	172157-03740	LABEL			1					
48-1	2	172157-03741	LABEL, GREASE US			1				N	
			(C=M/#31299)								
49	2	172125-03950	LABEL, AIR CLEANER			1					
49-1	2	172125-03951	LABEL, AIR CLEANER			1				N	
			(C=M/#31299)								
50	2	124764-44810	LABEL, SUB TANK			1					
50-1	2	172A38-03200	LABEL, SUB-TANK US			1				N	
			(C=M/#31299)								
50-2	2	172A38-03201	LABEL, SUB TANK			1				N	
			(C=M/#32722)								
51	2	124764-44920	LABEL, ANTI-FREEZING			1					
51-1	2	172A38-03210	LABEL, ANTI-FREEZING			1				N	
			(C=M/#31299)								
51-2	2	172A38-03211	LABEL, ANTI-FREEZING			1				N	
			(C=M/#32722)								
52	2	172A36-03410	LABEL, ENGINE ROOM			1					
52-1	2	172A36-03411	LABEL, ENGINE ROOM			2				N	
			(C=M/#30501)								
53	2	172437-03450	LABEL, SEAT BELT			1					
54	2	172437-03440	LABEL, ROPS			1					
55	2	172472-03330	LABEL, LOCK PIN			1				W	
			(C=M/#31474)								
56	2	114110-07760	LABEL, FUEL CAUTION			1				W	
			(C=M35238)								
61	1	172A64-03050	EMBLEM ASSY			1				W	
			(C=M38501)								

Remarks
(1) RUBBER CRAWLER SPEC.
(2) P.T.O. SPEC.

Fig.158. (4A) LABEL(CANOPY)(EX)(FROM M3F001)

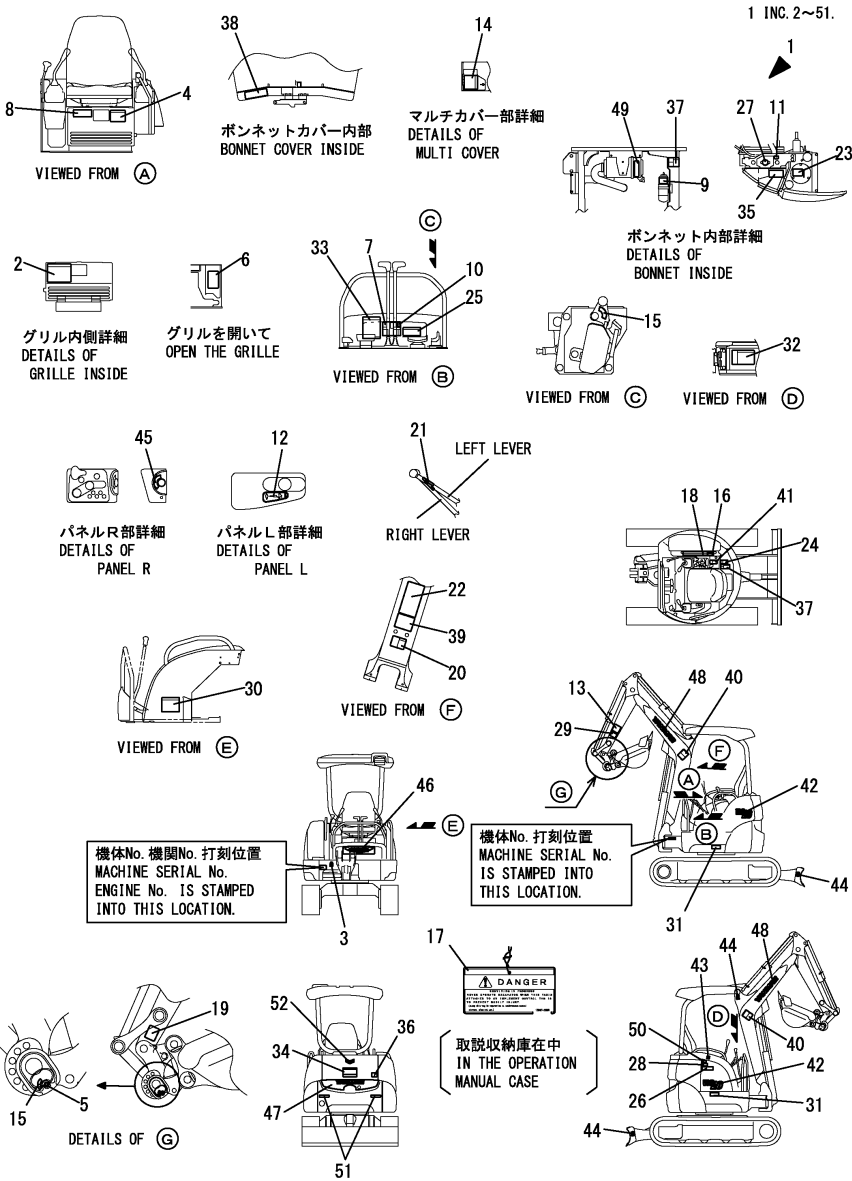


- (1) P.T.O. specification.
- (2) Rubber crawler specification.

No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	172A36-03520	LABEL SET,VIO20-3EXD			1		
2	2	172469-03140	LABEL,OIL&WATER			1		
3	2	172A23-03140	LABEL, GREASE			1		
4	2	172472-03160	LABEL,GREASE			1		
5	2	172958-03160	LABEL			1		
6	2	172472-03171	LABEL,FUSE US			1		
7	2	172490-03200	LABEL, OPERATION			1		
8	2	172A36-03202	LABEL,SPEC KR			1		
9	2	172A38-03201	LABEL, SUB TANK			1		
10	2	172490-03210	LABEL, P.T.O.			1		1
11	2	172A38-03211	LABEL, ANTI-FREEZING			1		
12	2	172458-03220	LABEL, ACCELERATOR			1		
13	2	172472-03230	LABEL, OPERATION			1		
14	2	172437-03242	LABEL, CRAWLER			1		2
15	2	172458-03240	LABEL, LOCK			2		
16	2	172472-03241	LABEL, PIN US			1		
17	2	172437-03252	TAG ASSY, CAUTION			1		
18	2	172472-03250	LABEL, OPERATION			1		
19	2	172472-03261	LABEL, FINGER			1		
20	2	172472-03271	LABEL, SANDUS			1		
21	2	172183-03280	LABEL, LOCK			2		
22	2	172472-03281	LABEL, WARNING HITCH			1		
23	2	172463-03290	LABEL, HYD.OIL			1		
24	2	172437-03302	LABEL, MANUAL			1		
25	2	172437-03312	LABEL, SLOPE			1		
26	2	172437-03322	LABEL, RESEVOIR			1		
27	2	172462-03320	LABEL, RADIATOR			1		
28	2	172463-03330	LABEL,COVER			1		
29	2	172472-03330	LABEL, LOCK PIN			1		
30	2	172437-03343	LABEL, TRANSPORT			1		
31	2	172437-03352	LABEL, CYLINDER			2		
32	2	172437-03361	LABEL, BATTERY			1		
33	2	172437-03372	LABEL, NEUTRAL			1		
34	2	172437-03381	LABEL, SWING AREA			1		
35	2	172437-03391	LABEL, RADIATOR			1		
36	2	172437-03402	LABEL, ENGINE COVER			1		
37	2	172A36-03411	LABEL, ENGINE ROOM			2		
38	2	172437-03422	LABEL, MUFFLER			1		
39	2	172437-03432	LABEL, STEERING			1		
40	2	172437-03461	LABEL, BOOM			2		
41	2	172437-03471	LABEL, LEVER LOCK			1		
42	2	172A23-03470	LABEL,MODEL VIO20			2		
43	2	172437-03501	LABEL, FUEL			1		
44	2	172437-03511	LABEL, HOOK			3		
45	2	172A64-03700	LABEL, START SWITCH			1		
46	2	172A86-03750	LABEL,YANMAR 280 B			1		
47	2	172A23-03790	LABEL,REAR			1		
48	2	172A86-03790	LABEL,YANMAR 450 B			2		
49	2	172125-03951	LABEL, AIR CLEANER			1		
50	2	114110-07761	LABEL, FUEL OIL CAUT			1		
51	2	172B04-03980	LABEL, REFLECTOR M			2		

N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.158. (4A)LABEL(CANOPY)(EX)(FROM M3F001)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

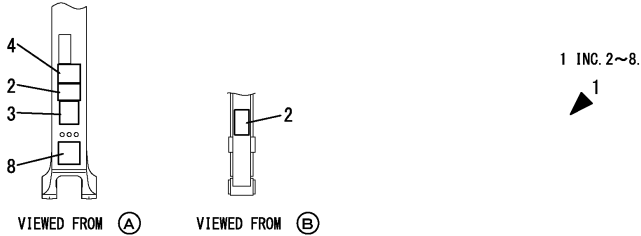
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	1	172A64-03400	EMBLEM ASSY,FY L2 Y			1					

Remarks
(1)P.T.O. specification.
(2)Rubber crawler specification.

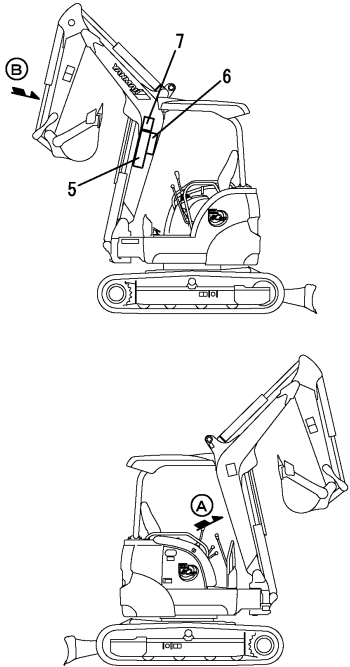
Fig.5. LABEL(CRANE)(JP)(TO M3F000)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



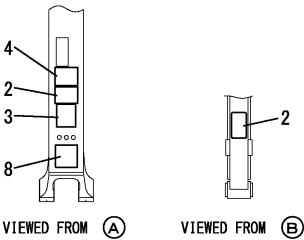
機体No. 機関No. 打刻位置
MACHINE SERIAL No.
ENGINE No. IS STAMPED
INTO THIS LOCATION.



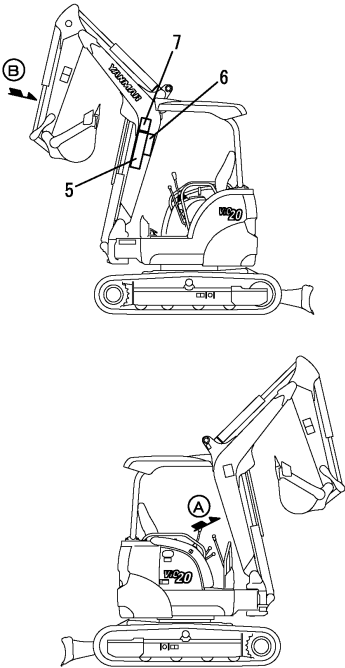
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A23-03200	LABEL SET		1						
2	2	172425-03350	LABEL		2						
3	2	172425-03720	LABEL		1						
4	2	172A23-03740	LABEL,LOAD		1						
5	2	172187-03750	LABEL		1						
6	2	172A23-03760	LABEL		1						
7	2	172A23-03770	LABEL		1						
8	2	172187-03781	LABEL		1						

Remarks
* CRANE kit, CANOPY is shown in Fig.130.

Fig.159. (5A)LABEL(CRANE)(JP)(FROM M3F001)



機体No. 機関No. 打刻位置
MACHINE SERIAL No.
ENGINE No. IS STAMPED
INTO THIS LOCATION.



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-03460	LABEL SET,CRANE D		1						
2	2	172425-03350	LABEL		2						
3	2	172425-03720	LABEL		1						
4	2	172A23-03740	LABEL,LOAD		1						
5	2	172A86-03950	LABEL,CRANE		1						
6	2	172A23-03760	LABEL		1						
7	2	172A23-03770	LABEL		1						
8	2	172187-03781	LABEL		1						

Remarks
* CRANE kit, CANOPY is shown in Fig.130.

Fig.6. SAFETY LABEL(CABIN)(JP)

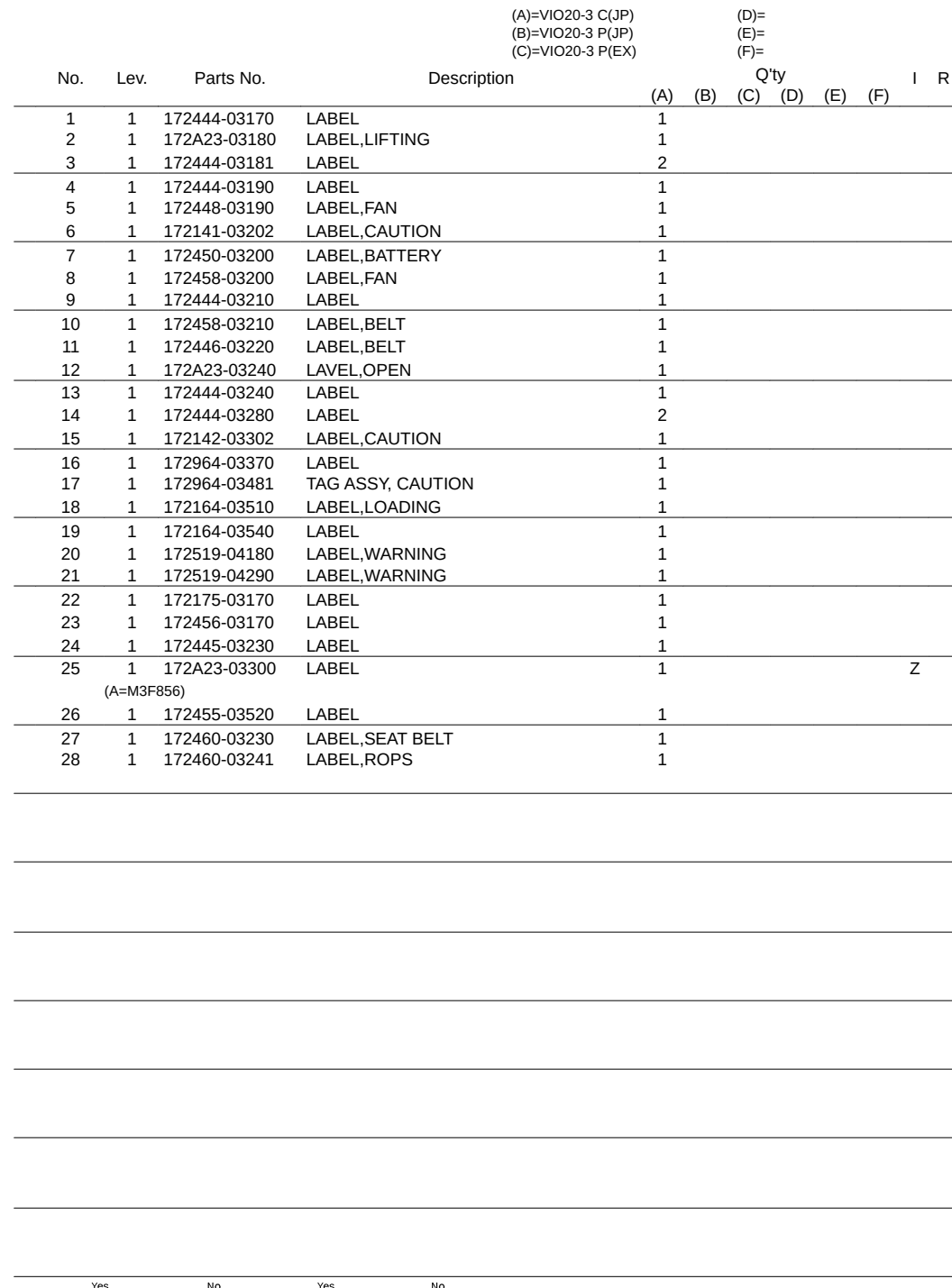
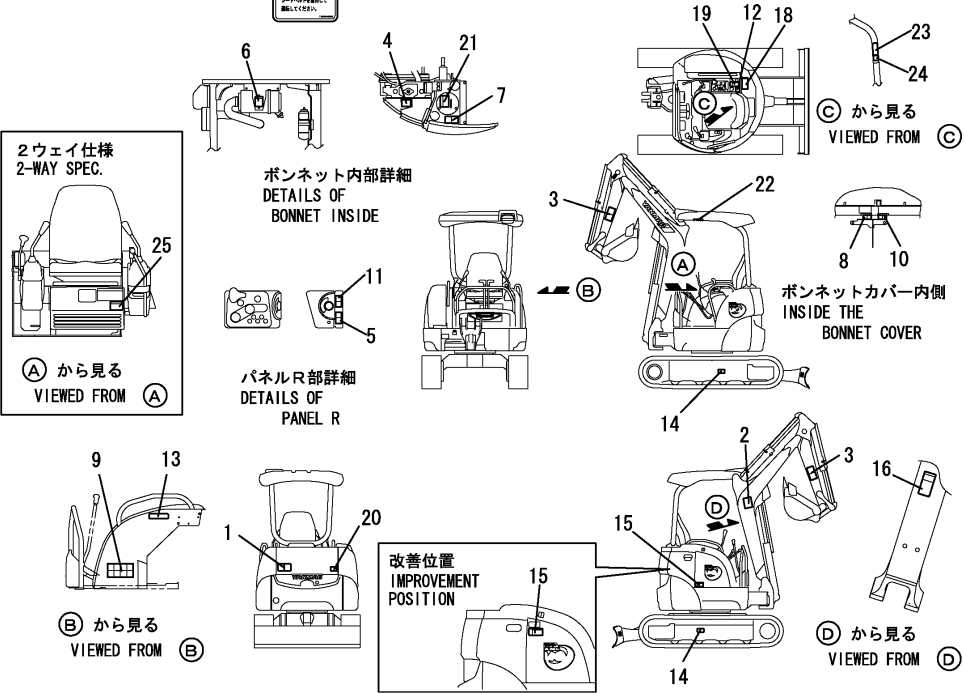
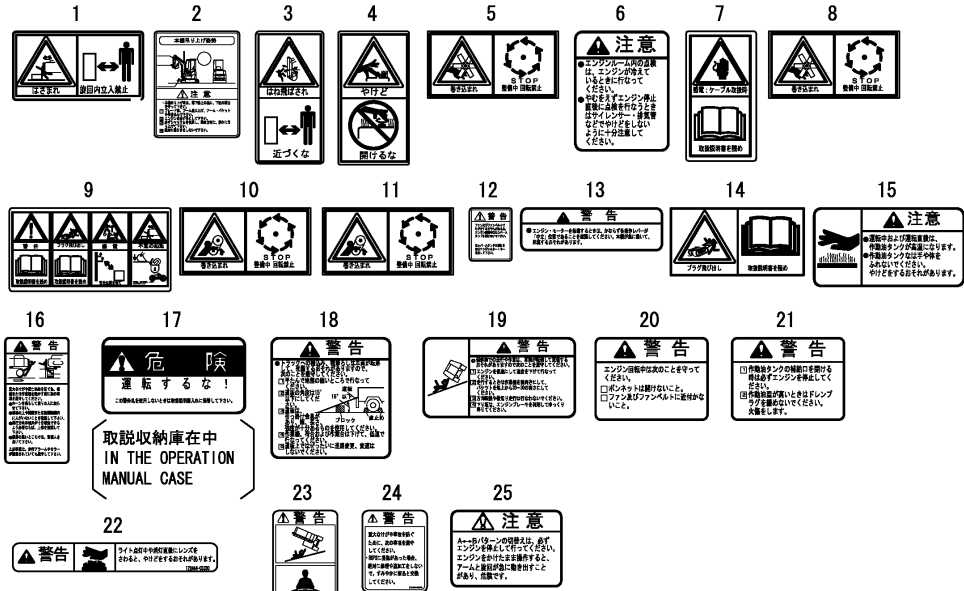


Fig.7. SAFETY LABEL(CANOPY)(JP)

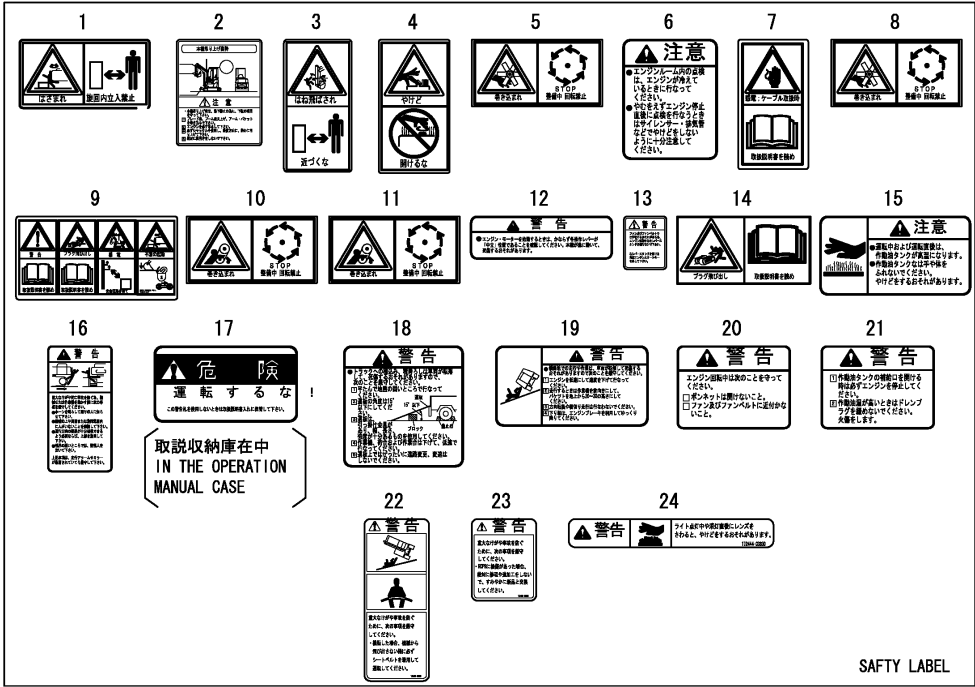
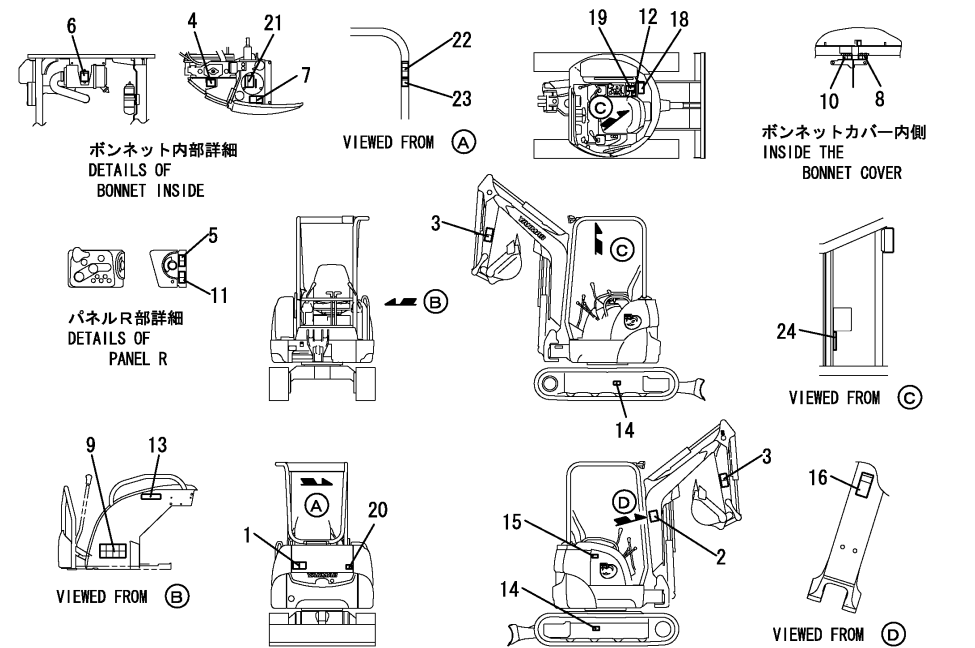
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



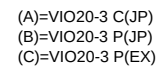
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL		1						
2	1	172A23-03180	LABEL,LIFTING		1						
3	1	172444-03181	LABEL		2						
4	1	172444-03190	LABEL		1						
5	1	172448-03190	LABEL,FAN		1						
6	1	172141-03202	LABEL,CAUTION		1						
7	1	172450-03200	LABEL,BATTERY		1						
8	1	172458-03200	LABEL,FAN		1						
9	1	172444-03210	LABEL		1						
10	1	172458-03210	LABEL,BELT		1						
11	1	172446-03220	LABEL,BELT		1						
12	1	172A23-03240	LABEL,OPEN		1						
13	1	172444-03240	LABEL		1						
14	1	172444-03280	LABEL		2						
15	1	172142-03302	LABEL,CAUTION		1						
16	1	172964-03370	LABEL		1						
17	1	172964-03481	TAG ASSY, CAUTION		1						
18	1	172164-03510	LABEL,LOADING		1						
19	1	172164-03540	LABEL		1						
20	1	172519-04180	LABEL,WARNING		1						
21	1	172519-04290	LABEL,WARNING		1						
22	1	172444-03330	LABEL		1						
23	1	172460-03230	LABEL,SEAT BELT		1						
24	1	172460-03241	LABEL,ROPS		1						
25	1	172458-03570	LABEL		1						

Fig.141. (7A)SAFETY LABEL(4P CANOPY)(JP)



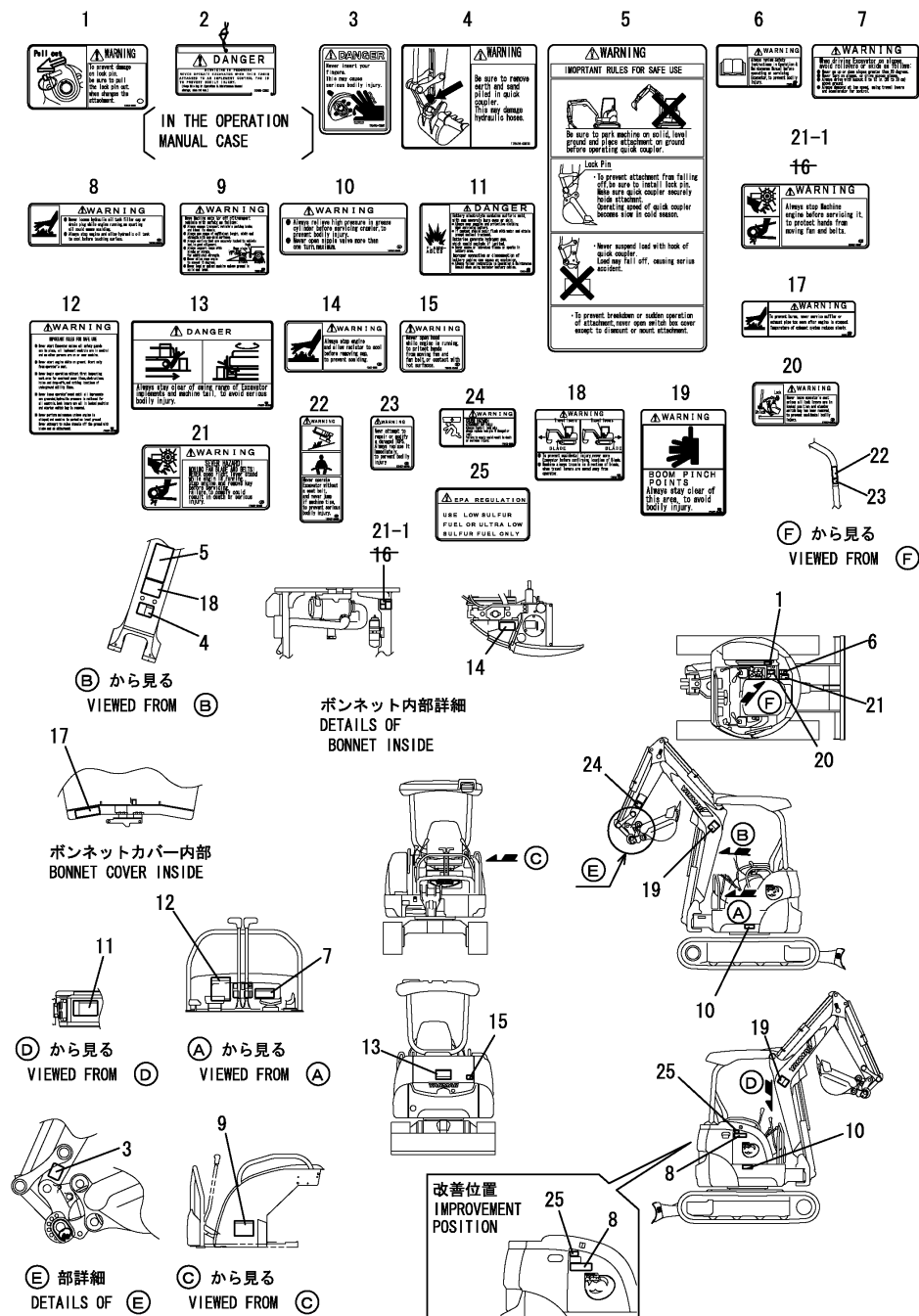
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL		1						
2	1	172444-03181	LABEL		2						
3	1	172A23-03180	LABEL,LIFTING		1						
4	1	172444-03190	LABEL		1						
5	1	172448-03190	LABEL,FAN		1						
6	1	172141-03202	LABEL,CAUTION		1						
7	1	172450-03200	LABEL,BATTERY		1						
8	1	172458-03200	LABEL,FAN		1						
9	1	172444-03210	LABEL		1						
10	1	172458-03210	LABEL,BELT		1						
11	1	172446-03220	LABEL,BELT		1						
12	1	172444-03240	LABEL		1						
13	1	172A23-03240	LABEL,OPEN		1						
14	1	172444-03280	LABEL		2						
15	1	172142-03302	LABEL,CAUTION		1						
16	1	172964-03370	LABEL		1						
17	1	172964-03481	TAG ASSY, CAUTION		1						
18	1	172164-03510	LABEL,LOADING		1						
19	1	172164-03540	LABEL		1						
20	1	172519-04180	LABEL,WARNING		1						
21	1	172519-04290	LABEL,WARNING		1						
22	1	172460-03230	LABEL,SEAT BELT		1						
23	1	172460-03241	LABEL,ROPS		1						
24	1	172444-03330	LABEL		1						

Fig.8. SAFETY LABEL(QUICK COUPLER)(JP)



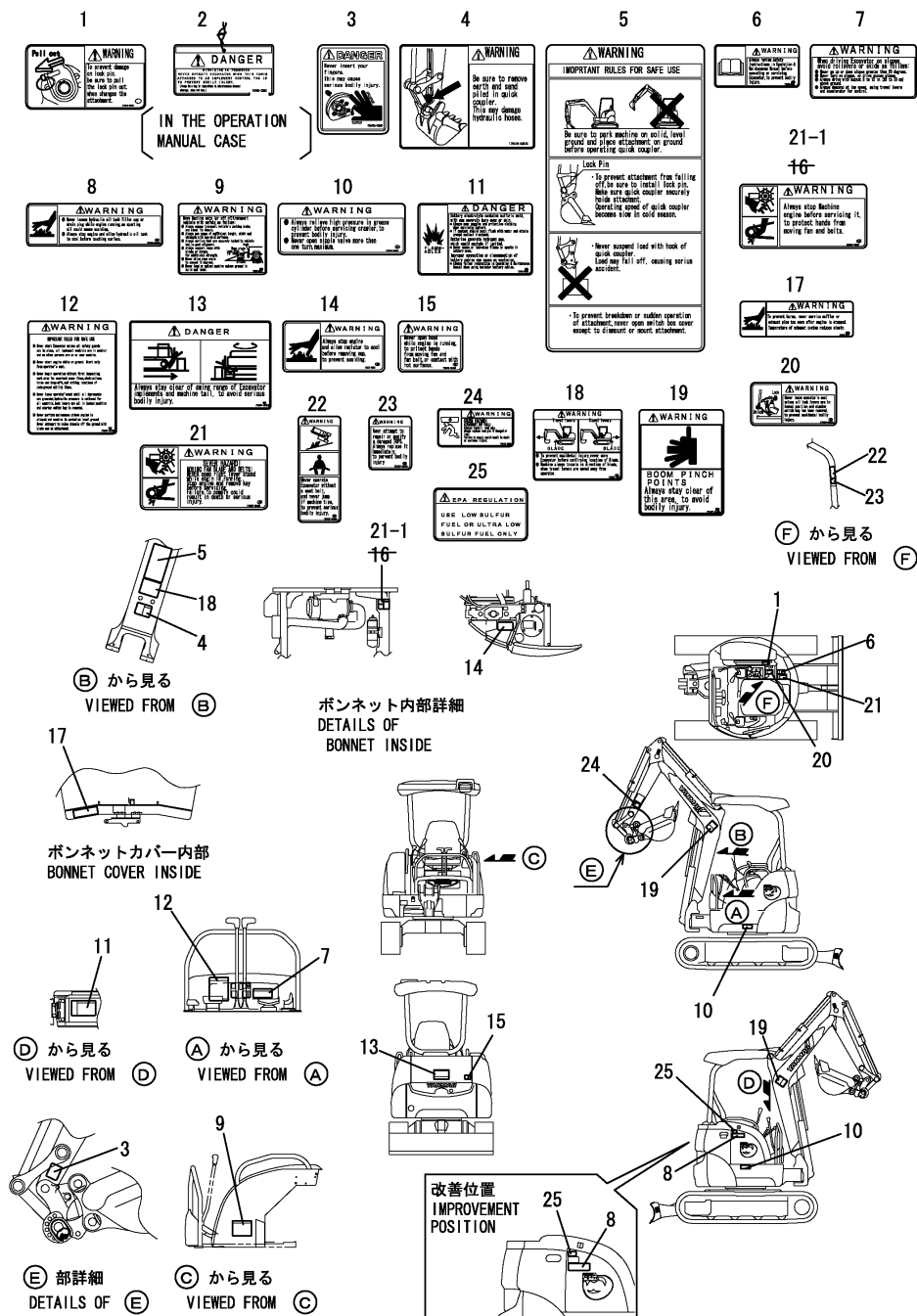
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-03100	LABEL	1	1						
2	1	172958-03140	LABEL	1	1						
3	1	172958-03220	LABEL	1	1						
4	1	172958-03230	LABEL,PIN	1	1						
5	1	172958-03300	LABEL,PLUG	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03240	LABEL,PIN US			1					
1-1	1	172472-03241	LABEL, PINUS (C=M/#31299)			1				N	
2	1	172437-03250	TAG ASSY, CAUTION			1					
2-1	1	172437-03252	TAG ASSY, CAUTION (C=M/#32722)			1				N	
3	1	172472-03260	LABEL,FINGER			1					
3-1	1	172472-03261	LABEL, FINGER (C=M/#31299)			1				N	
4	1	172472-03270	LABEL,SAND US			1					
4-1	1	172472-03271	LABEL, SANDUS (C=M/#31299)			1				N	
5	1	172472-03280	LABEL			1					
5-1	1	172472-03281	LABEL, WARNING HITCH (C=M/#31299)			1				N	
6	1	172437-03300	LABEL,MANUAL			1					
6-1	1	172437-03301	LABEL, MANUAL US (C=M/#31299)			1				N	
6-2	1	172437-03302	LABEL, MANUAL (C=M/#32722)			1				N	
7	1	172437-03310	LABEL,SLOPE			1					
7-1	1	172437-03311	LABEL, SLOPE US (C=M/#31299)			1				N	
7-2	1	172437-03312	LABEL, SLOPE (C=M/#32044)			1				N	
8	1	172437-03321	LABEL,HYD.OIL TANK			1					
8-1	1	172437-03322	LABEL, RESEVOIR (C=M/#31299)			1				N	
9	1	172437-03341	LABEL,TRANSPORT			1					
9-1	1	172437-03342	LABEL, TRANSPORT US (C=M/#31299)			1				N	
9-2	1	172437-03343	LABEL, TRANSPORT (C=M/#32722)			1				N	
10	1	172437-03351	LABEL,GREASE CYL.			2					
10-1	1	172437-03352	LABEL, CYLINDER (C=M/#31299)			2				N	
11	1	172437-03360	LABEL,BATTERY			1					
11-1	1	172437-03361	LABEL, BATTERY (C=M/#31299)			1				N	
12	1	172437-03371	LABEL			1					
12-1	1	172437-03372	LABEL, NEUTRAL (C=M/#31299)			1				N	
13	1	172437-03380	LABEL,SWING AREA			1					
13-1	1	172437-03381	LABEL, SWING AREA (C=M/#31299)			1				N	
14	1	172437-03390	LABEL,RADIATOR			1					
14-1	1	172437-03391	LABEL, RADIATOR (C=M/#31299)			1				N	
15	1	172437-03401	LABEL (ENG COVER US			1					
15-1	1	172437-03402	LABEL, ENGINE COVER (C=M/#31299)			1				N	

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
16	1	172437-03411	LABEL (ENG ROOM US (C=M/#30501)			1				Z	
17	1	172437-03421	LABEL,MUFFLER			1					
17-1	1	172437-03422	LABEL, MUFFLER (C=M/#31299)			1				N	
18	1	172437-03431	LABEL,STEERING			1					
18-1	1	172437-03432	LABEL, STEERING (C=M/#31299)			1				N	
19	1	172437-03460	LABEL, BOOM			2					
19-1	1	172437-03461	LABEL, BOOM (C=M/#31299)			2				N	
20	1	172437-03470	LABEL,LEVER LOCK			1					
20-1	1	172437-03471	LABEL, LEVER LOCK (C=M/#31299)			1				N	
21	1	172A36-03410	LABEL, ENGINE ROOM			1					
21-1	1	172A36-03411	LABEL, ENGINE ROOM (C=M/#30501)			2				N	
22	1	172437-03450	LABEL,SEAT BELT			1					
23	1	172437-03440	LABEL,ROPS			1					
24	1	172472-03330	LABEL, LOCK PIN (C=M/#31474)			1				W	
25	1	114110-07760	LABEL, FUEL CAUTION (C=M35238)			1				W	

Fig.10. SAFETY LABEL(CRANE)(JP)

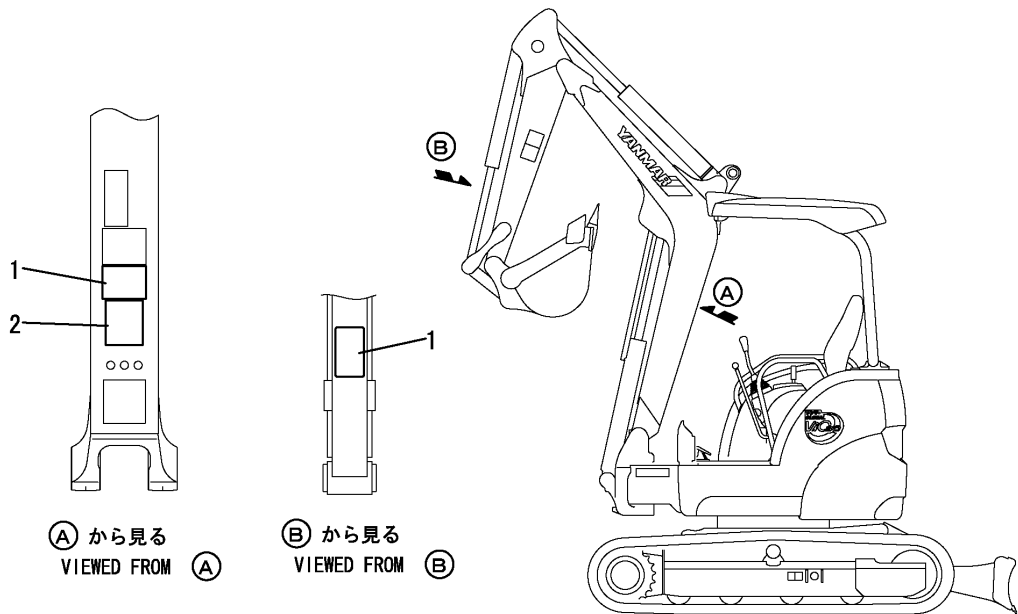
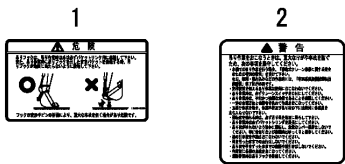
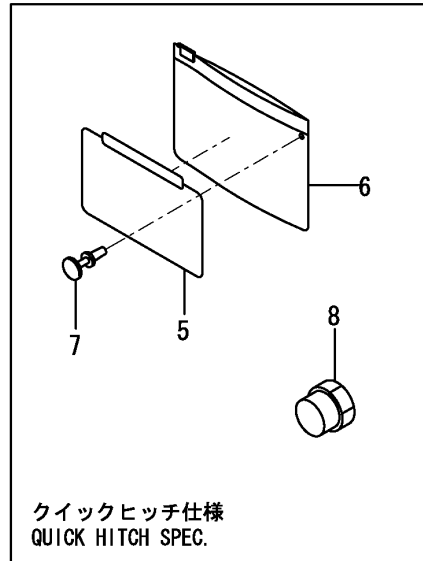
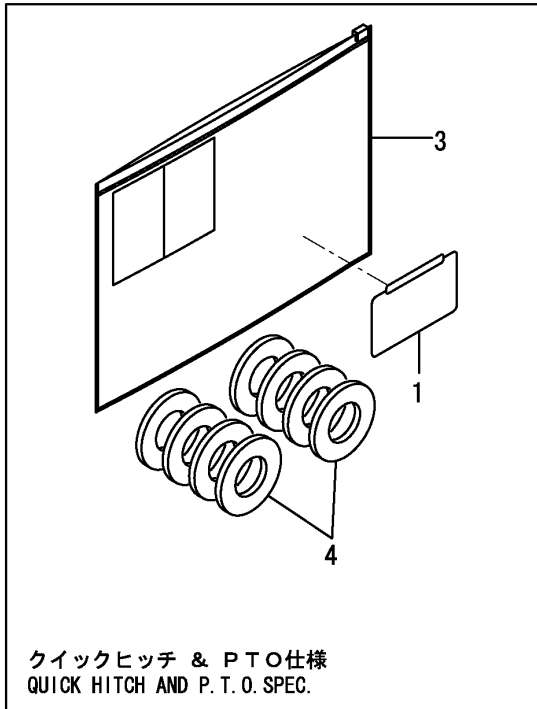
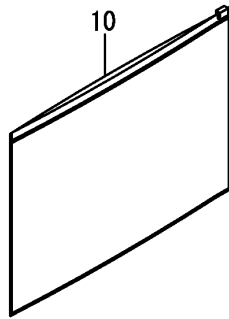
[illegible]

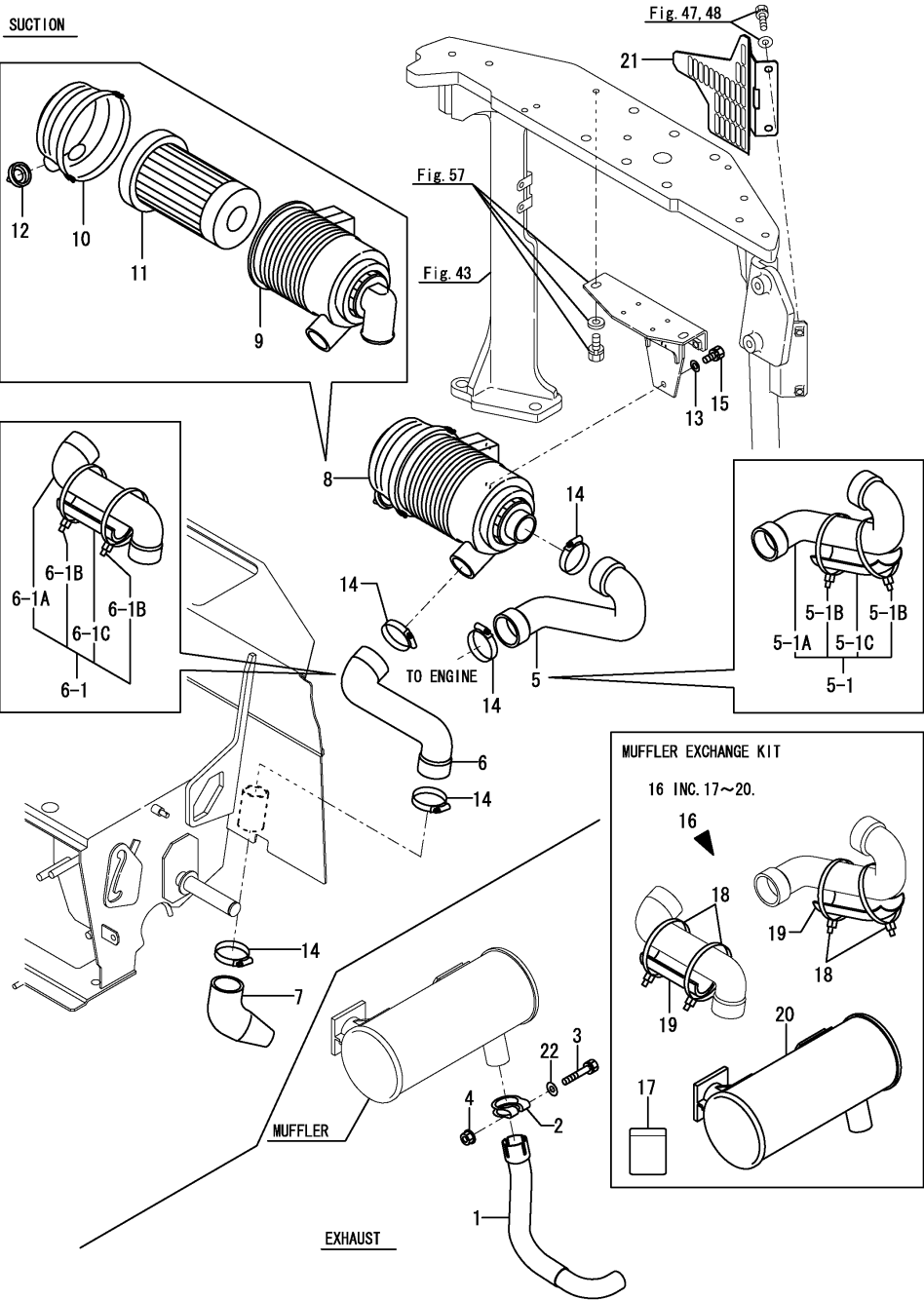
Fig.11. ACCESSORY



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-03310	LABEL, COLLAR (C=M30501)	1	1	1					Z
3	1	172958-07330	CASE, MANUAL (C=M30501)	1	1	1					Z
3-1	1	172176-07330 (A=M3B295) (B=M3B295)	BAG, MANUAL	1	1						N
4	1	172956-08110	COLLAR, 35X70X6 (C=M30501)	8	8	8					Z
5	1	172958-03300	LABEL, PLUG	1	1	1					
6	1	172958-05100	CASE, PLUG	1	1	1					
7	1	172958-05110 (A=M35811) (B=M35811) (C=M35811)	RIVET	1	1	1					Z
8	1	1E3030-78370	CAP, SCREW	4	4	4					
10	1	172176-07330	BAG, MANUAL	1	1						

Fig.12. SUCTION PIPE & EXHAUST PIPE

SUCTION

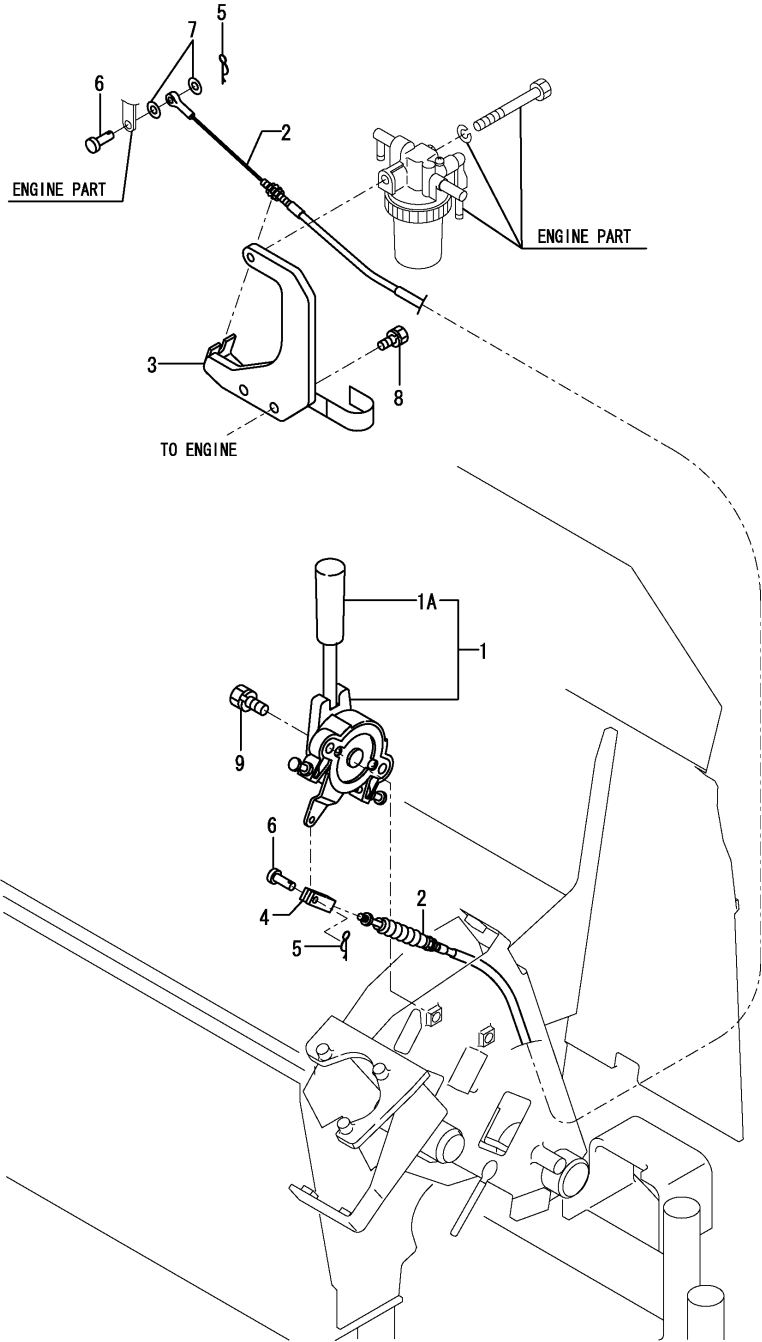


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172487-11350	PIPE ASSY, EXHAUST	1	1	1					
2	1	172487-11400	CLAMP	1	1	1					
3	1	26013-100552	BOLT, M10X 55	1	1	1					
4	1	26366-100002	NUT, M10	1	1	1					
5	1	172A23-11490	HOSE A, AIR CLEANER	1	1	1					
5-1	1	172A23-11470	HOSE A ASSY,AIRCLEAN	1	1	1					N
(A=M33952) (B=M33952) (C=M33952)											
5-1A	2	172A23-11490	HOSE A, AIR CLEANER	1	1	1					
5-1B	2	172126-11510	BAND	2	2	2					
5-1C	2	172A23-11600	INSULATOR	1	1	1					
6	1	172A23-11500	HOSE B, AIR CLEANER	1	1	1					
6-1	1	172A23-11480	HOSE B ASSY,AIRCLEAN	1	1	1					N
(A=M33952) (B=M33952) (C=M33952)											
6-1A	2	172A23-11500	HOSE B, AIR CLEANER	1	1	1					
6-1B	2	172126-11510	BAND	2	2	2					
6-1C	2	172A23-11600	INSULATOR	1	1	1					
7	1	172456-11500	HOSE C,AIR CLEANER	1	1	1					
8	1	172456-11510	CLEANER ASSY, AIR	1	1	1					
9	2	172456-11590	BODY	1	1	1					
10	2	172456-11600	COVER ASSY	1	1	1					
11	2	129619-12520	ELEMENT	1	1	1					
12	2	119808-12540	VALVE, UNLOADER	1	1	1					
13	1	22137-080000	WASHER, 8	2	2	2					
14	1	23000-060000	CLAMP, 60	5	5	5					
15	1	26013-080202	BOLT, M8X 20	2	2	2					
16	1	172A23-08400	CHANGE KIT, MUFFLER	1	1						W
(A=M/#34332) (B=M/#34332)											
17	2	172141-03202	LABEL,CAUTION	1	1						W
(A=M/#34332) (B=M/#34332)											
18	2	172126-11510	BAND	4	4						W
(A=M/#34332) (B=M/#34332)											
19	2	172A23-11600	INSULATOR	2	2						W
(A=M/#34332) (B=M/#34332)											
20	2	119740-13511	SILENCER	1	1						W
(A=M/#34332) (B=M/#34332)											
21	1	172487-65160	GUARD, MUFFLER	1	1	1					W
(A=M33952) (B=M33952) (C=M33952)											
22	1	22137-100000	WASHER, 10	1	1						W
(A=*2014.04) (B=*2014.04)											

Fig.13. ACCELERATOR

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-12100	LEVER,ACCELERATOR	1	1	1					
1A	2	172165-12140	GRIP	1	1	1					W
		(A=M/#32289) (B=M/#32289) (C=M/#32289)									
1A-1	2	172A79-12150	GRIP	1	1	1					N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
2	1	172456-12111	CABLE, ACCELERATOR	1	1	1					
3	1	172487-12220	BRACKET	1	1	1					
4	1	172137-12270	JOINT, CABLE	1	1	1					
5	1	1C6281-52310	PIN, SNAP 6	2	2	2					
6	1	1A1040-56900	PIN, 6X17	2	2	2					
7	1	22137-060000	WASHER, 6	2	2	2					
8	1	26013-080162	BOLT, M8X 16	2	2	2					
9	1	26013-100252	BOLT, M10X 25	2	2	2					

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER	2	2	2					
2	1	172487-13090	MOUNT LF ASSY (ENG	1	1	1					
2-1	1	172487-13091	MOUNT ASSY,ENG LF	1	1	1					S
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
3	1	172487-13100	MOUNT RE,ENG	1	1	1					
3-1	1	172487-13101	MOUNT RF, ENG	1	1	1					N
(A=M35842) (B=M35842) (C=M35842)											
4	1	172A23-13120	MOUNT LR ASSY	1	1	1					
4-1	1	172A23-13121	MOUNT ASSY,ENG LR	1	1	1					S
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
5	1	172456-13120	MOUNT RR,ENG	1	1	1					
6	1	172456-13140	STOPPER	1	1	1					
7	1	172456-13150	STOPPER	1	1	1					
8	1	172179-13211	RUBBER, ANTI VIBRAT.	4	4	4					
9	1	22217-100000	WASHER, SPRING 10	8	8	8					
10	1	26013-100202	BOLT, M10X 20	2	2	2					
11	1	26013-100252	BOLT, M10X 25	2	2	2					
12	1	26013-100252	BOLT, M10X 25	16	16	16					
13	1	26716-100002	NUT, M10	8	8	8					

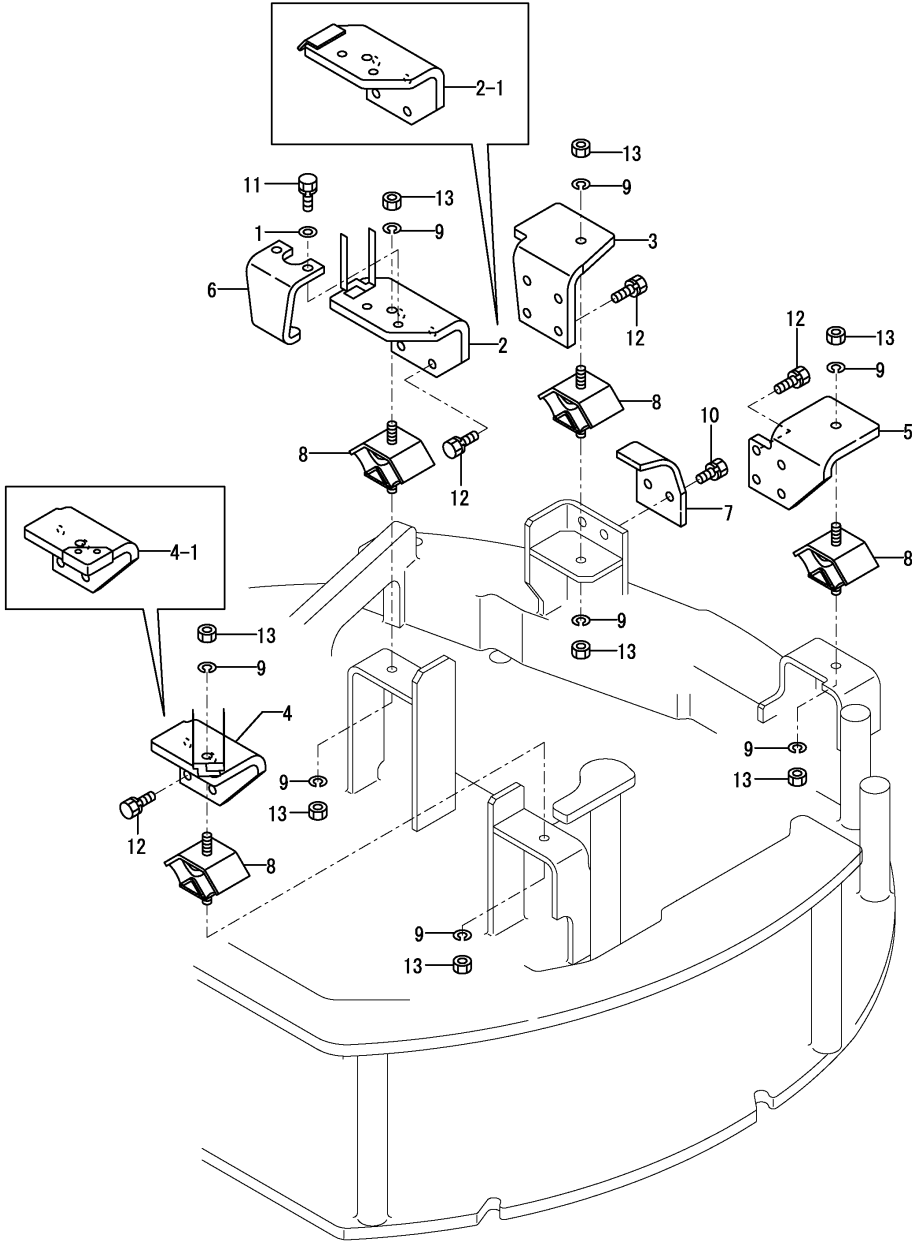
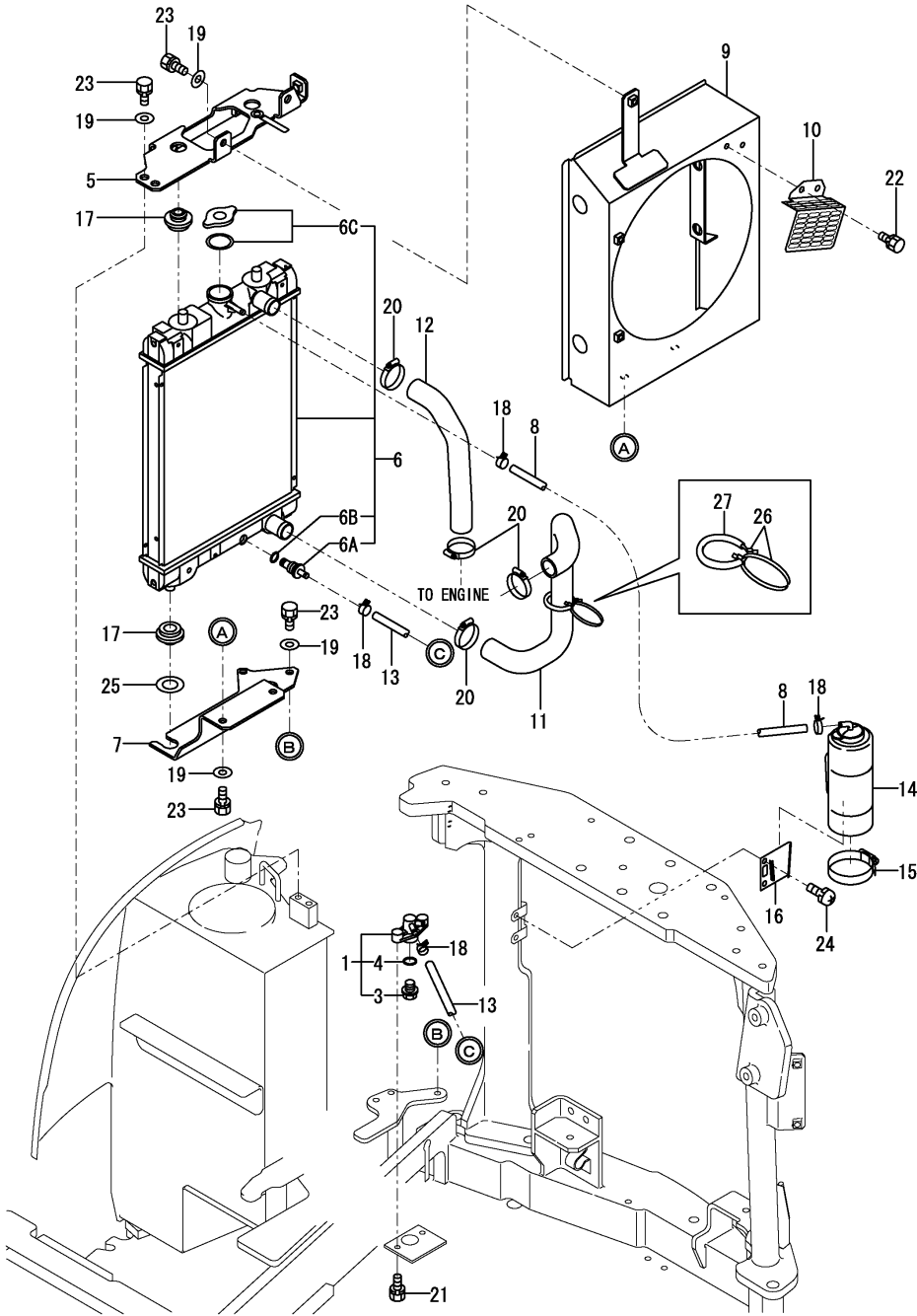


Fig.15. RADIATOR & MOUNT

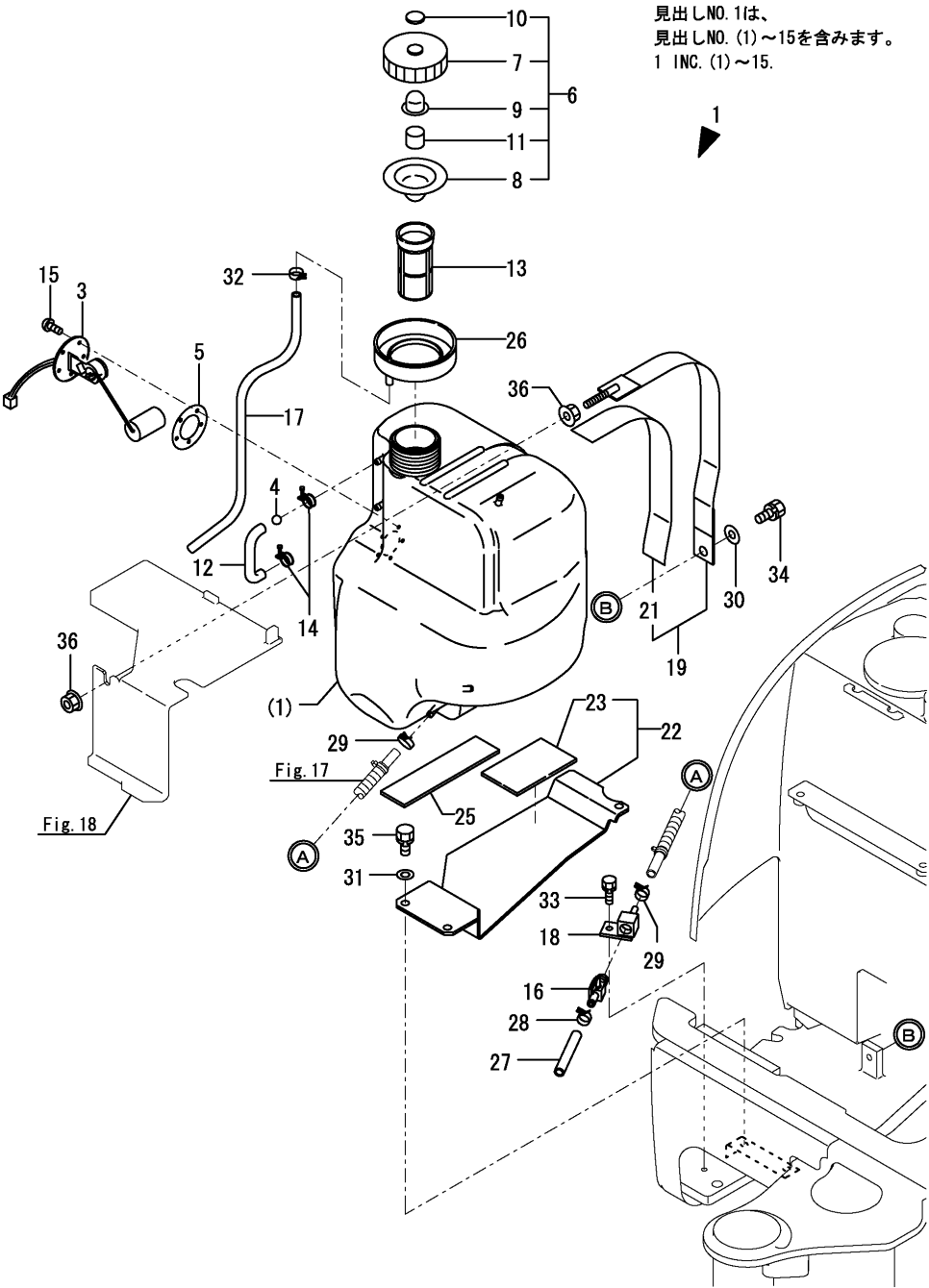
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



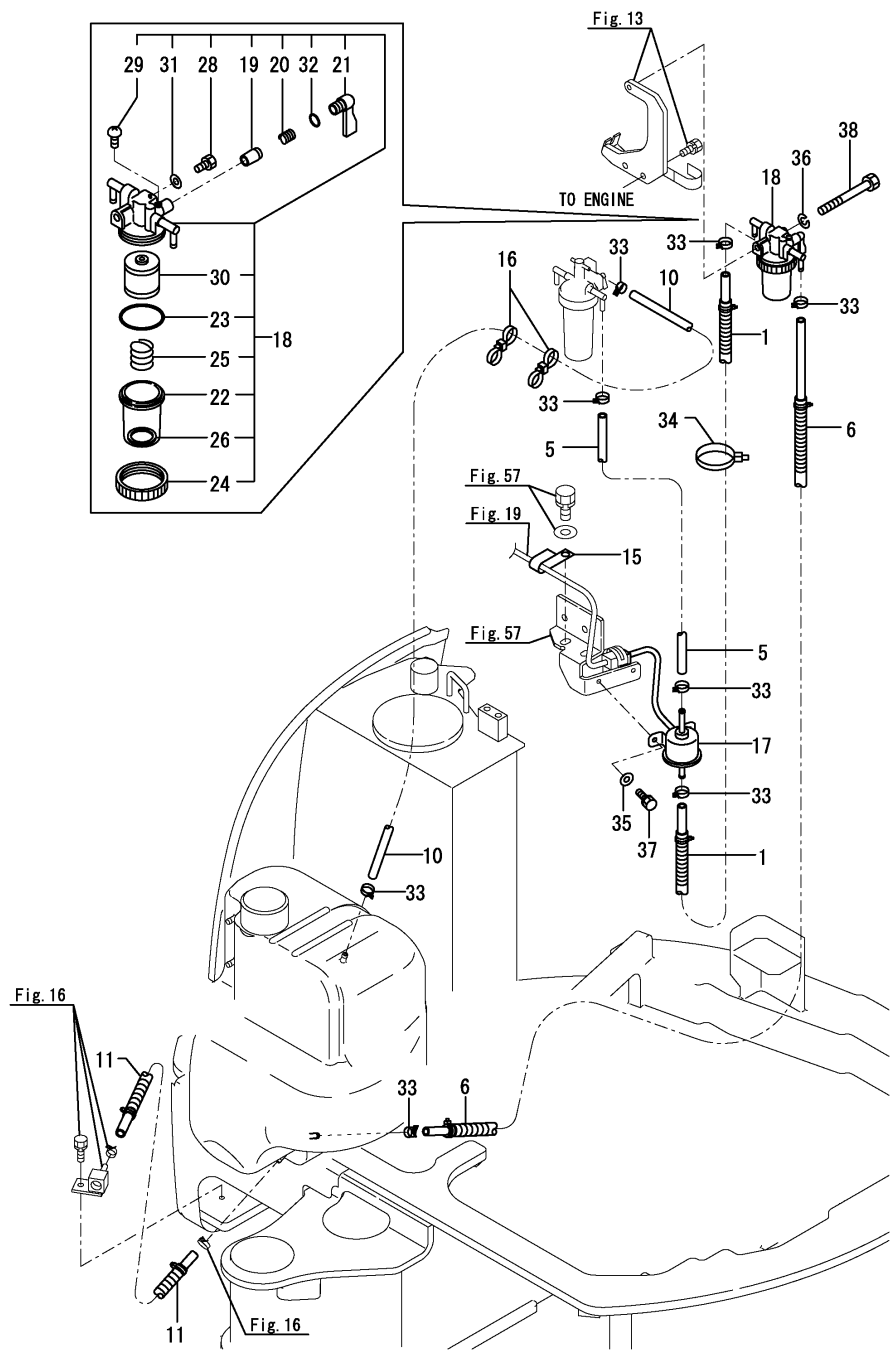
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1	1	1					
3	2	121250-49121	PLUG, DRAIN	1	1	1					
4	2	24311-000160	O-RING, 1AP16.0	1	1	1					
5	1	172A23-13300	BRACKET ASSY,RADIATO	1	1	1					
5-1	1	172A23-13320	BRACKET ASSY,RADIATO	1	1	1					N
(A=M/#30757) (B=M/#30757) (C=M/#30757)											
6	1	172482-13300	RADIATOR ASSY	1	1	1					
6A	2	172460-13230	PLUG, DRAIN COCK	1	1	1					
6B	2	172460-13240	O-RING	1	1	1					
6C	2	172456-13310	CAP ASSY	1	1	1					
7	1	172A23-13310	BRACKET,RADIATOR	1	1	1					
8	1	172157-13381	HOSE	1	1	1					
9	1	172A23-13411	SHROUD ASSY	1	1	1					
10	1	172A23-13460	GUARD, FAN	1	1	1					
11	1	172A23-13510	PIPE, WATER	1	1	1					
12	1	172A23-13520	PIPE, WATER	1	1	1					
13	1	172734-14620	PIPE L=300, FUEL	1	1	1					
14	1	119813-44510	TANK ASSY	1	1	1					
15	1	124450-44550	BAND	1	1	1					
16	1	121256-44600	BRACKET, SUB TANK	1	1	1					
17	1	119255-44660	ABSORBER	4	4	4					
18	1	124766-59050	CLIP, HOSE 12	4	4	4					
19	1	22137-100000	WASHER, 10	8	8	8					
20	1	23001-041000	CLAMP, HOSE 41	4	4	4					
21	1	26013-080162	BOLT, M8X 16	2	2	2					
22	1	26013-080162	BOLT, M8X 16	2	2	2					
23	1	26013-100202	BOLT, M10X 20	8	8	8					
24	1	26022-080162	SCREW, M8X16	2	2	2					
25	1	172156-81430	SHIM	1	1	1					
26	1	172126-11510	BAND 300	1	1	1					W
(A=M/#30501) (B=M/#30501) (C=M/#30501)											
26-1	1	172126-11510	BAND 300	2	2	2					K
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
27	1	172A23-13530	HOSE	1	1	1					W
(A=M/#30501) (B=M/#30501) (C=M/#30501)											

Fig.16. FUEL TANK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-14111	TANK ASSY, FUEL	1	1	1					
1-1	1	772456-14112	TANK ASSY, FUEL	1	1	1				N	
(A=M36153) (B=M36153) (C=M36153)											
3	2	172456-14151	GAUGE, FUEL	1	1	1					
3-1	2	172456-14152	GAUGE, FUEL	1	1	1				R	
(A=M35336) (B=M35336) (C=M35336)											
4	2	172447-14160	FLOAT	1	1	1					
5	2	172162-14200	GASKET	1	1	1					
6	2	172444-14200	CAP, FUEL	1	1	1					
7	3	172444-14450	CAP	1	1	1					
8	3	172444-14460	GASKET	1	1	1					
9	3	172444-14470	GASKET	1	1	1					
10	3	172444-14480	WASHER	1	1	1					
11	3	172444-14490	SPONGE	1	1	1					
12	2	172458-14202	HOSE, FUEL GAUGE	1	1	1					
12-1	2	172458-14203	HOSE, FUEL GAUGE	1	1	1				N	
(A=M33499) (B=M33499) (C=M33499)											
13	2	172183-14250	FILTER (FUEL	1	1	1					
14	2	23000-013000	CLAMP, 13	2	2	2					
15	2	26022-050122	SCREW, M5X12	5	5	5					
16	1	104200-11920	COCK, WATER	1	1	1					
16-1	1	172A69-14230	VALVE, FUEL DRAIN	1	1	1				N	
(A=M35842) (B=M35842) (C=M35842)											
17	1	172444-14260	HOSE, FUEL	1	1	1					
18	1	172444-14270	JOINT, DRAIN	1	1	1					
19	1	172456-14300	CLAMP ASSY, FUEL	1	1	1					
21	2	172456-14330	RUBBER, CLAMP	1	1	1					
22	1	172456-14340	PLATE ASSY	1	1	1					
22-1	1	172456-14340-2	BLADE ASSY	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
22-2	1	172456-14341-1	PLATE ASSY (GRAY:49)	1	1	1				N	
(A=M37001) (B=M37001) (C=M37001)											
23	2	172444-14130	PLATE A	1	1	1					
25	1	172458-14340	RUBBER PLATE A,FO	1	1	1					
26	1	172458-14370	SUMP, FUEL	1	1	1					
27	1	172444-14410	HOSE	1	1	1					
28	1	106990-44660	CLIP, HOSE 12.5	1	1	1					
29	1	124766-59050	CLIP, HOSE 12	2	2	2					
30	1	22137-100000	WASHER, 10	1	1	1					
31	1	22137-100000	WASHER, 10	3	3	3					
32	1	23080-013000	CLAMP, 13	1	1	1					
33	1	26013-080202	BOLT, M8X 20	1	1	1					
34	1	26013-100202	BOLT, M10X 20	1	1	1					
35	1	26013-100202	BOLT, M10X 20	3	3	3					
36	1	26367-100002	NUT, M10	2	2	2					

Fig.17. FUEL LINE

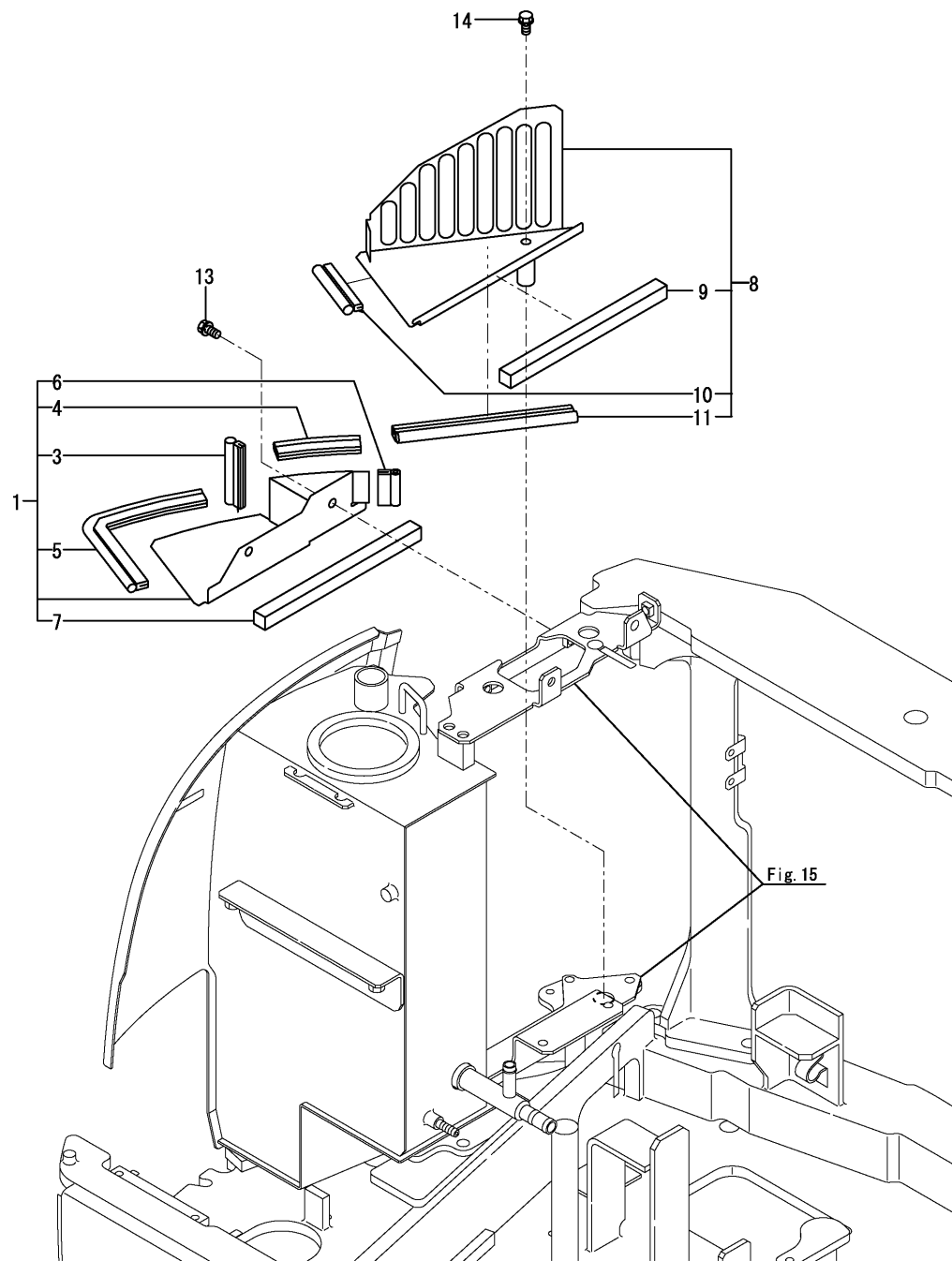


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

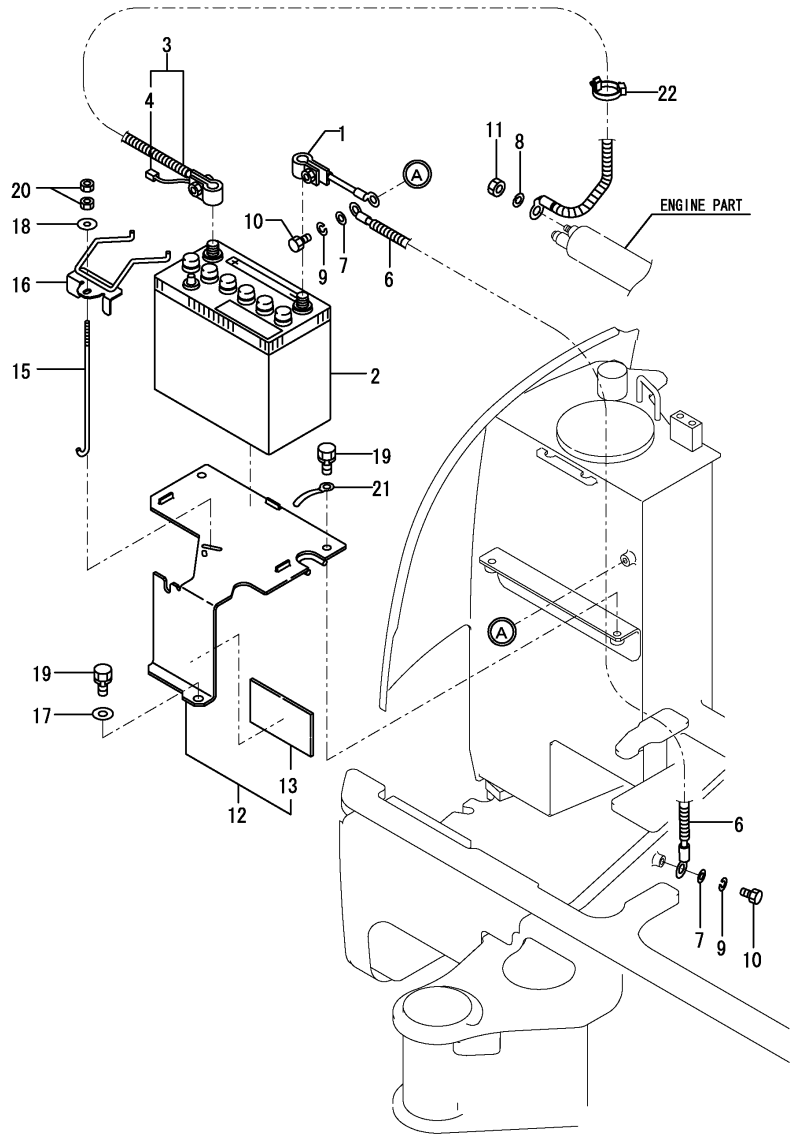
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-13810	HOSE ASSY	1	1	1					
5	1	172171-14610	HOSE, FUEL	1	1	1					
6	1	172456-14610	HOSE,FO1470 ASSY	1	1	1					
10	1	172122-14620	PIPE, FUEL	1	1	1					
10-1	1	172A23-14100	PIPE (C), FUEL	1	1	1					N
(A=M/#32861) (B=M/#32861) (C=M/#32861)											
10-2	1	172487-14520	HOSE	1	1	1					N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
11	1	172456-14630	HOSE,FO 150 ASSY	1	1	1					
15	1	172126-16540	CLAMP	1	1	1					Z
(A=M/#31553) (B=M/#31553) (C=M/#31553)											
16	1	172137-16560	BAND	2	2	2					
16-1	1	172126-11510	BAND	5	5	5					N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
17	1	129612-52100	PUMP ASSY, FUEL FEED	1	1	1					
18	1	129335-55700	SEPARATOR ASSY,WATER	1	1	1					
19	2	104200-55321	VALVE, TAPER	1	1	1					
20	2	104200-55330	SPRING, VALVE	1	1	1					
21	2	104200-55341	HANDLE	1	1	1					
22	2	124064-55510	COVER	1	1	1					
23	2	102103-55520	O-RING	1	1	1					
24	2	110250-55610	RING, RETAINING	1	1	1					
25	2	121257-55720	SPRING	1	1	1					
26	2	121257-55731	FLOAT	1	1	1					
28	2	101720-55750	PLUG, 6	2	2	2					
29	2	104200-55750	SCREW, M4	1	1	1					
30	2	171081-55910	SCREEN	1	1	1					
31	2	23418-060000	GASKET, 6X1.0	2	2	2					
32	2	24311-240100	O-RING, 1AP10A	1	1	1					
33	1	124766-59050	CLIP, HOSE 12	8	8	8					
34	1	172122-79930	CLAMP, HOSE	1	1	1					
35	1	22137-060000	WASHER, 6	2	2	2					
36	1	22217-080000	WASHER, SPRING 8	1	1	1					
37	1	26013-060202	BOLT, M6X 20	2	2	2					
37-1	1	26013-060162	BOLT, M6X 16	2	2	2					N
(A=M/#31553) (B=M/#31553) (C=M/#31553)											
38	1	26116-080702	BOLT, M8X 70 PLATED	1	1	1					

Fig.59. DUCT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-65700	DUCT ASSY	1	1	1					
1-1	1	172A23-65700-1	DUCT ASSY	1	1	1					S
		(A=M/#33092)	(B=M/#33092)	(C=M/#33092)							
3	2	172456-65790	RUBBER, SEAL	1	1	1					
4	2	172456-65860	RUBBER, SEAL	1	1	1					
4-1	2	172455-63660	SEAL, RUBBER	1	1	1					N
		(A=MXXXXXX)	(B=MXXXXXX)	(C=MXXXXXX)							
5	2	172164-66480	RUBBER 340, SEAL	1	1	1					
6	2	172164-66800	RUBBER, SEAL 60	1	1	1					
7	2	172480-75260	SEAL, RESERVER	1	1	1					
8	1	172A23-65750-2	DUCT ASSY	1	1	1					
8-1	1	172A23-65750-3	DUCT ASSY	1	1	1					S
		(A=M/#33092)	(B=M/#33092)	(C=M/#33092)							
9	2	172480-13520	SEAL	1	1	1					
10	2	172164-61250	RUBBER, SEAL	1	1	1					
11	2	172175-64810	SEAL	1	1	1					
11-1	2	172444-54910	SEAL, WEIGHT	1	1	1					N
		(A=MXXXXXX)	(B=MXXXXXX)	(C=MXXXXXX)							
13	1	26013-100202	BOLT, M10X 20	2	2	2					
14	1	26013-100752	BOLT, M10X 75	1	1	1					

Fig.18. BUTTERY



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

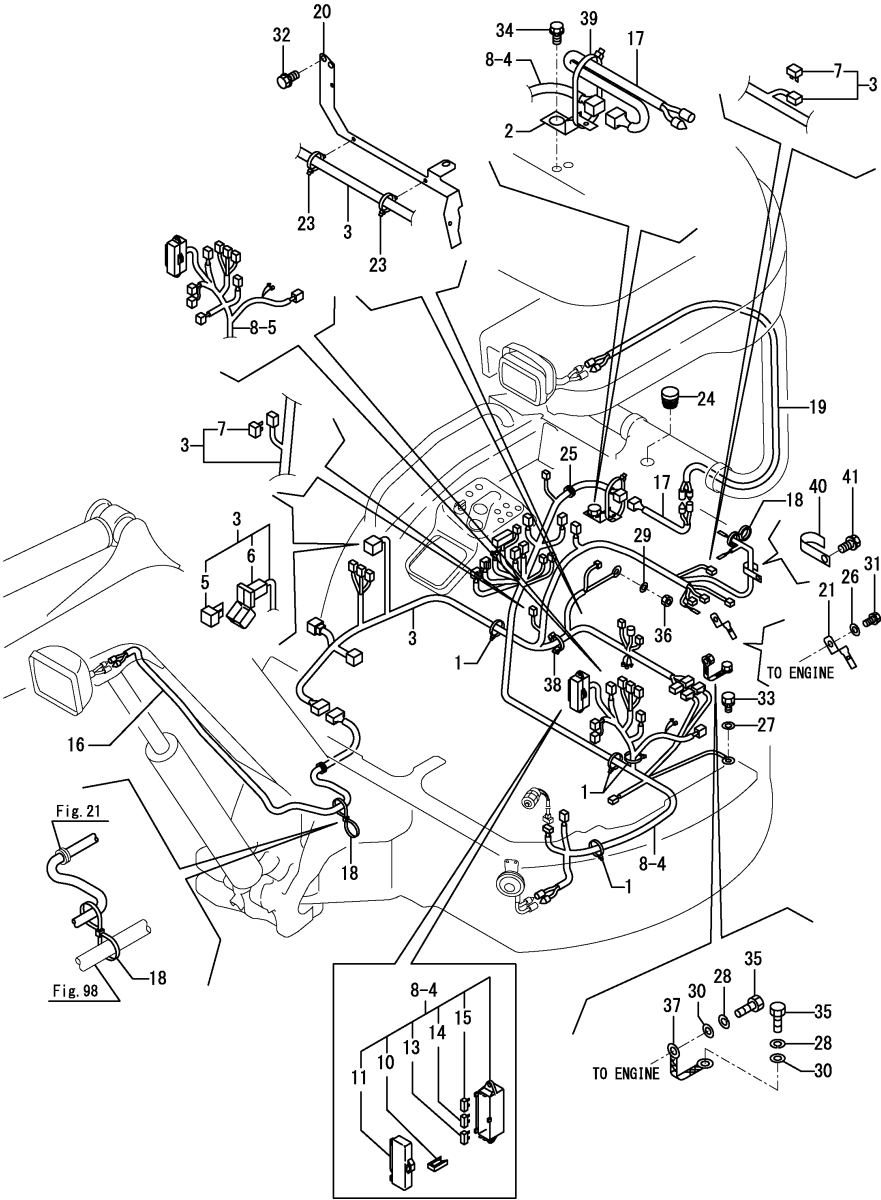
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-16110	HARNES,BATTERY(-)	1	1	1					
2	1	172458-16110	BATTERY	1	1	1					
3	1	172456-16200	CORD, BATTERY	1	1	1					
4	2	172458-16140	HARNESS, WIRE	1	1	1					
6	1	172456-16210	CORD, BATTERY	1	1	1					
7	1	22137-080000	WASHER, 8	2	2	2					
8	1	22217-080000	WASHER, SPRING 8	1	1	1					
9	1	22217-080000	WASHER, SPRING 8	2	2	2					
10	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2					
11	1	26716-080002	NUT, M8	1	1	1					
12	1	172456-16100	BRACKT,BATTERY	1	1	1					
12-1	1	172456-16101	BRACKT,BATTERY	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
13	2	172444-14130	PLATE, RUBBER	1	1	1					
15	1	172725-16160	ROD, BATTERY CLAMP	1	1	1					
16	1	172458-16300	CLAMP ASSY, BATTERY	1	1	1					
17	1	22137-100000	WASHER, 10	1	1	1					
18	1	22157-060000	WASHER, 6	1	1	1					
19	1	26013-100202	BOLT, M10X 20	3	3	3					
20	1	26716-060002	NUT, M6	2	2	2					
21	1	172126-16540	CLAMP	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
22	1	194680-51670	BAND, CLIP	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											

Fig.19. WIRING

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	5	4	4					
1-1	1	172126-11510	BAND	9	8	8					K
(A=M30645) (B=M30645) (C=M30645)											
2	1	172A23-14200	SUPPORT, CONNECTOR		1	1					
3	1	172A23-16500	HARNESS ASSY ,A	1	1	1					
5	2	172458-16550	FUSE, SLOWBLOW	1	1	1					
6	2	172447-17140	HOUSING	1	1	1					
7	2	172648-16600	DIODE, 1.5-2P	2	2	2					
8-4	1	172A23-16400	HARNESS B ASSY,KIT	1	1	1					W
(A=M30501) (B=M30501) (C=M30501)											
8-5	1	172A23-16401	HARNESS B ASSY,KIT	1	1	1					S
(A=M37431) (B=M37431) (C=M45094)											
10	3	172175-17120	PULLER	1	1	1					
11	3	172187-17220	COVER	1	1	1					
13	3	29420-050000	FUSE, B 5A	2	2	2					
14	3	29420-150000	FUSE, B 15A	6	6	6					
15	3	29420-300000	FUSE, B 30A	2	2	2					
16	1	172456-16530	HARNESS,BOOM LAMP	1	1	1					
16-1	1	172456-16531	HARNESS, BOOM LAMP	1	1	1					N
(A=M3A362) (B=M3A362) (C=M3A362)											
17	1	172A23-16540	HARNESS, WIRE		1	1					
18	1	172137-16560	BAND	2	2	2					
19	1	172458-16561	HARNESS,CANOPY LAMP		1	1					
19-1	1	172458-16562	HARNESS, LAMP		1	1					N
(B=M/#30865) (C=M/#30865)											
20	1	172A23-16600	SUPPORT ASSY	1	1	1					
21	1	172460-16700	STAY	1	1	1					
23	1	194680-51670	BAND, CLIP	4	4	4					
24	1	172480-54150	PLUG		1	1					
25	1	172958-64500	PLUG		1	1					1
25-1	1	172958-64600	PLUG, BLACK 28		1	1					S 2
(B=M3F001) (C=M3F001)											
26	1	22137-080000	WASHER, 8	1	1	1					
27	1	22137-100000	WASHER, 10	1	1	1					
28	1	22137-120000	WASHER, 12	2	2	2					
29	1	22217-060000	WASHER, SPRING 6	1	1	1					
30	1	22217-120000	WASHER, SPRING 12	2	2	2					
31	1	26013-080162	BOLT, SPRING M8X 16	1	1	1					
32	1	26013-100162	BOLT, SPRING M10X 16	2	2	2					
33	1	26013-100202	BOLT, SPRING M10X 20	1	1	1					
34	1	26013-100202	BOLT, SPRING M10X 20		1	1					
35	1	26116-120162	BOLT, M12X 16 PLATED	2	2	2					
36	1	26716-060002	NUT, M6	1	1	1					
37	1	933171-15801	CORD, ENGINE EARTH	1	1	1					
38	1	194680-51670	BAND, CLIP	2	2	2					W
(A=M39355) (B=M39355) (C=M39355)											
39	1	172126-11510	BAND		1	1					W
(B=M3B603) (C=M3B603)											
40	1	1A1380-59480	CLAMP, CORD	1	1	1					
41	1	26013-100162	BOLT, M10X 16	1	1	1					



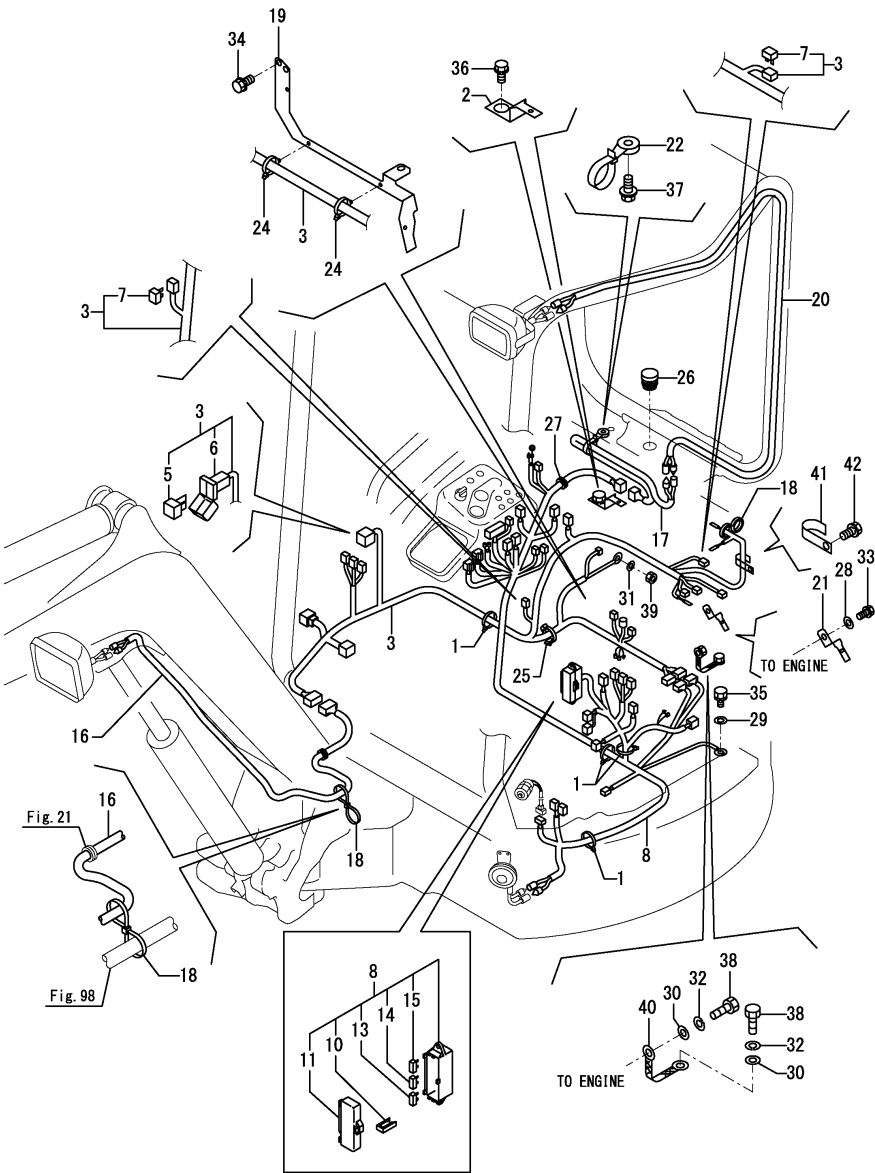
Remarks
(1)Color = WARM GARY.
(2)Color = BLACK.

Fig.139. (19A)WIRING(4P CANOPY)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND		8						
2	1	172A23-14200	SUPPORT, CONNECTOR		1						
3	1	172A23-16500	HARNESS ASSY ,A		1						
5	2	172458-16550	FUSE, SLOWBLOW		1						
6	2	172447-17140	HOUSING		1						
7	2	172648-16600	DIODE, 1.5-2P		2						
8	1	172A23-16523	HARNESS ASSY,B		1						
10	2	172175-17120	PULLER		1						
11	2	172187-17220	COVER		1						
13	2	29420-050000	FUSE, B 5A		2						
14	2	29420-150000	FUSE, B 15A		6						
15	2	29420-300000	FUSE, B 30A		2						
16	1	172456-16531	HARNESS, BOOM LAMP		1						
17	1	172A23-16540	HARNESS, WIRE		1						
18	1	172137-16560	BAND		2						
19	1	172A23-16600	SUPPORT ASSY		1						
20	1	172A23-16630	HARNESS, WORK LAMP		1						
21	1	172460-16700	STAY		1						
22	1	172A23-17100	CLIP,HARNESS		1						
24	1	194680-51670	BAND, CLIP		4						
25	1	194680-51670	BAND, CLIP		2						
26	1	172480-54150	PLUG		1						
27	1	172958-64500	PLUG		1						1
27-1	1	172958-64600	PLUG, BLACK 28		1					S	2
(B=M3F001)											
28	1	22137-080000	WASHER, 8		1						
29	1	22137-100000	WASHER, 10		1						
30	1	22137-120000	WASHER, 12		2						
31	1	22217-060000	WASHER, SPRING 6		1						
32	1	22217-120000	WASHER, SPRING 12		2						
33	1	26013-080162	BOLT, SPRING M8X 16		1						
34	1	26013-100162	BOLT, SPRING M10X 16		2						
35	1	26013-100202	BOLT, SPRING M10X 20		1						
36	1	26013-100202	BOLT, SPRING M10X 20		1						
37	1	26014-100202	BOLT, M10X 20		1						
38	1	26116-120162	BOLT, M12X 16 PLATED		2						
39	1	26716-060002	NUT, M6		1						
40	1	933171-15801	CORD, ENGINE EARTH		1						
41	1	1A1380-59480	CLAMP, CORD		1						
42	1	26013-100162	BOLT, M10X 16		1						

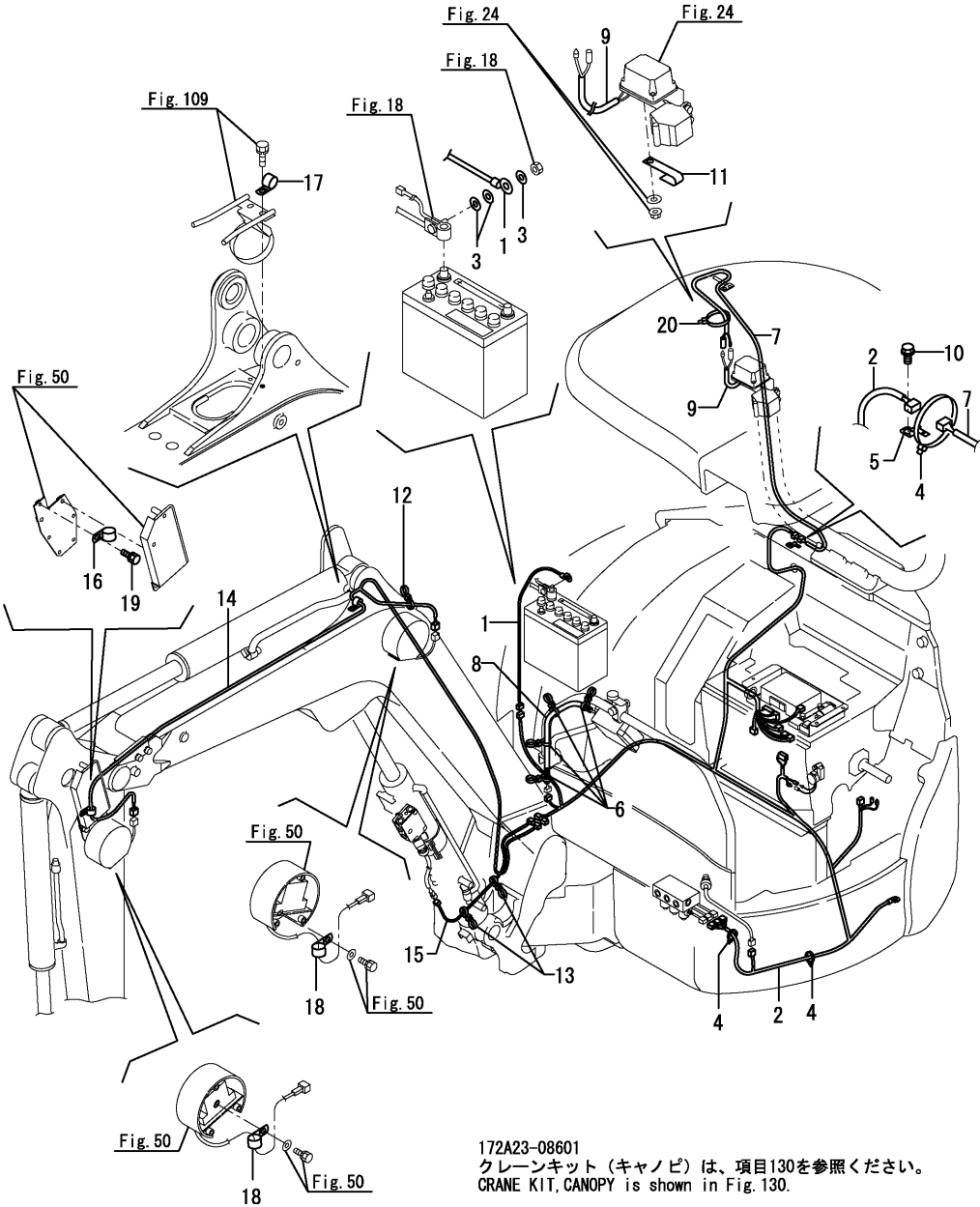


Remarks
(1)Color = WARM GARY.
(2)Color = BLACK.

Fig.20. WIRING(CRANE)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

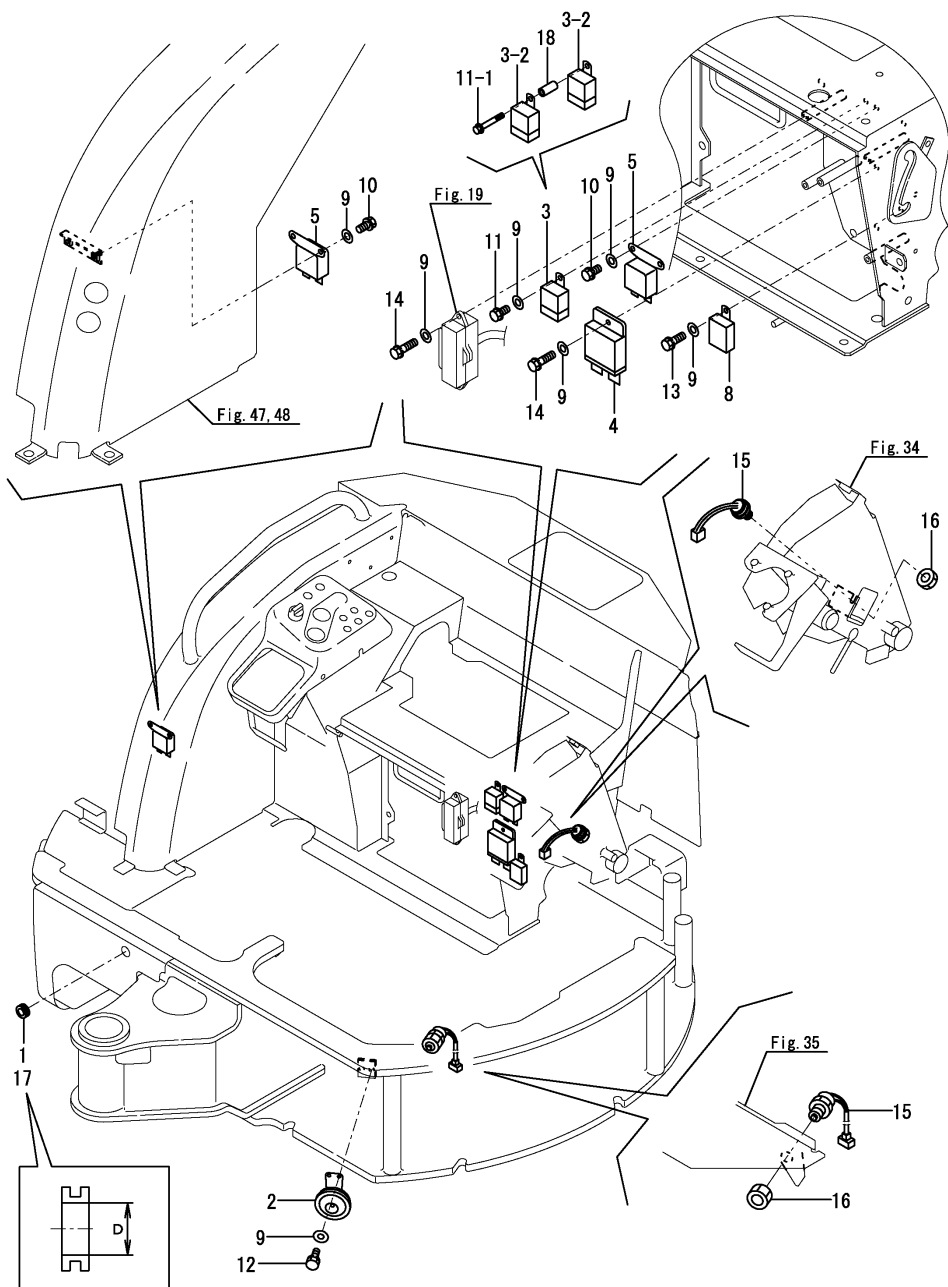
(D)=
(E)=
(F)=



172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig. 130.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172732-16560	LINK, FUSIBLE		1						
2	1	172A25-16710	HARNESS,C-B		1						
3	1	22137-060000	WASHER, 6		3						
4	1	933152-09280	BAND		6						
5	1	172A23-14200	SUPPORT, CONNECTOR		1						
6	1	172137-16560	BAND		4						
7	1	172A25-16730	HARNESS,C-D		1						
8	1	172425-16741	TUBE, CORRUGATED		1						
9	1	172187-16780	TUBE		1						
10	1	26013-100202	BOLT, SPRING M10X 20		1						
11	1	172126-16540	CLAMP		1						
12	1	172137-16560	BAND		6						
13	1	172137-16560	BAND		2						
14	1	172A23-16720	HARNESS,C-C		1						
15	1	172A23-16740	HARNESS,C-E		1						
16	1	184016-44300	CLAMP, WRC12		1						
17	1	172183-46440	CLAMP, WRC10		1						
18	1	172183-46440	CLAMP, WRC10		2						
19	1	26013-080162	BOLT, SPRING M8X 16		1						
20	1	933152-09280	BAND		1						

Fig.21. EQUIPMENT



(1)D=REF.NO.1 15MM,NO.17 25MM

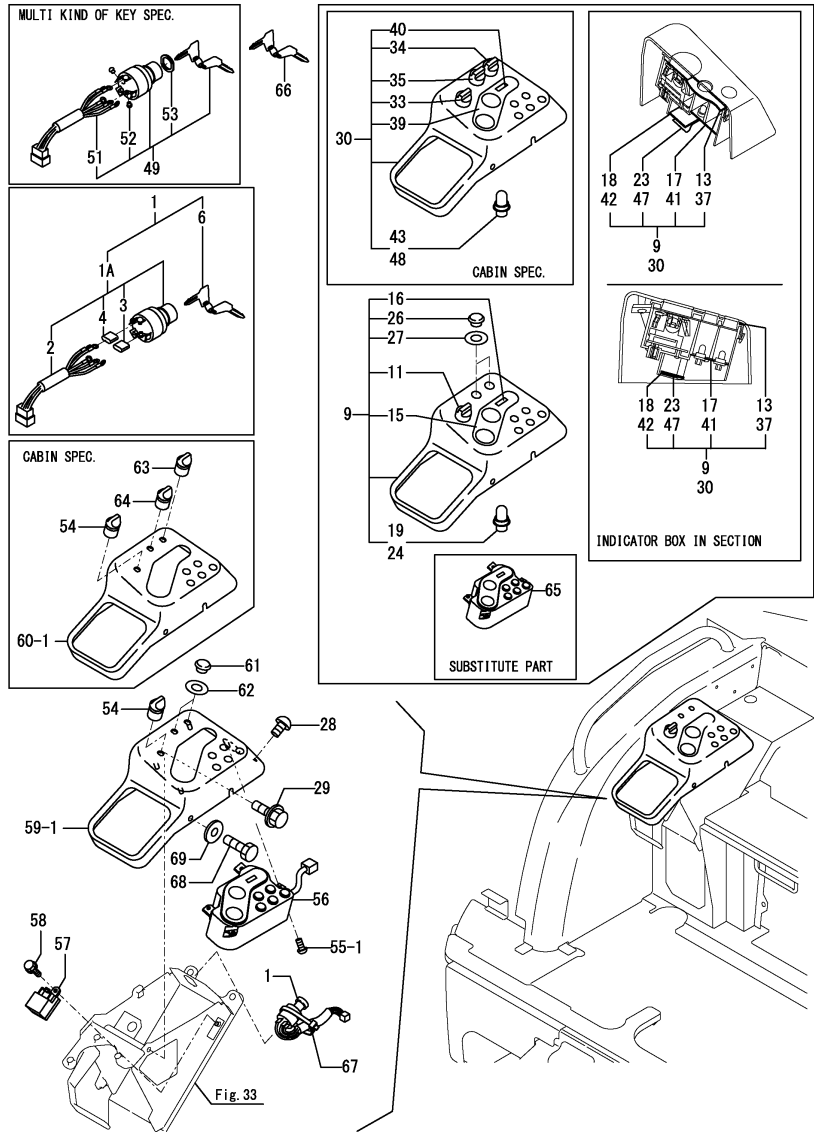
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172187-16560	GROMMET	1	1	1			Z	1
		(A=M/#32722)	(B=M/#32722)	(C=M/#32722)						
2	1	194151-57100	HORN	1	1	1				
3	1	119247-77100	RELAY, POWER	1	1	1				
3-1	1	198461-52950	RELAY, CA TYPE C	1	1	1			R	
		(A=M37269)	(B=M37269)	(C=M37269)						
3-2	1	198461-52950	RELAY, CA TYPE C	2	2	2			K	
		(A=M37431)	(B=M37431)	(C=M45094)						
4	1	119802-77200	RELAY, SAFETY	1	1	1				
5	1	119650-77910	RELAY ASSY, GLOW	2	2	2				
8	1	129211-77920	TIMER	1	1	1				
9	1	22137-060000	WASHER, 6	11	11	11				
9-1	1	22137-060000	WASHER, 6	10	10	10			K	
		(A=M37431)	(B=M37431)	(C=M45094)						
10	1	26013-060122	BOLT, SPRING M6X 12	4	4	4				
11	1	26013-060122	BOLT, SPRING M6X 12	1	1	1				
11-1	1	26014-060402	BOLT, M6X 40	1	1	1			S	
		(A=M37431)	(B=M37431)	(C=M45094)						
12	1	26013-060162	BOLT, SPRING M6X 16	2	2	2				
12-1	1	26013-060122	BOLT, SPRING M6X 12	2	2	2			N	
		(A=M30645)	(B=M30645)	(C=M30645)						
13	1	26013-060162	BOLT, SPRING M6X 16	1	1	1				
14	1	26013-060202	BOLT, SPRING M6X 20	3	3	3				
15	1	194464-52190	SWITCH, START	2	2	2				
16	1	26776-180002	NUT, LOCK M18	2	2	2				
17	1	933171-15680	GROMMET	1	1	1			W	1
		(A=M/#32722)	(B=M/#32722)	(C=M/#32722)						
18	1	172A65-17480	COLLAR	1	1	1			W	
		(A=M37431)	(B=M37431)	(C=M45094)						

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

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Fig.22. EQUIPMENT(INDICATOR BOX)



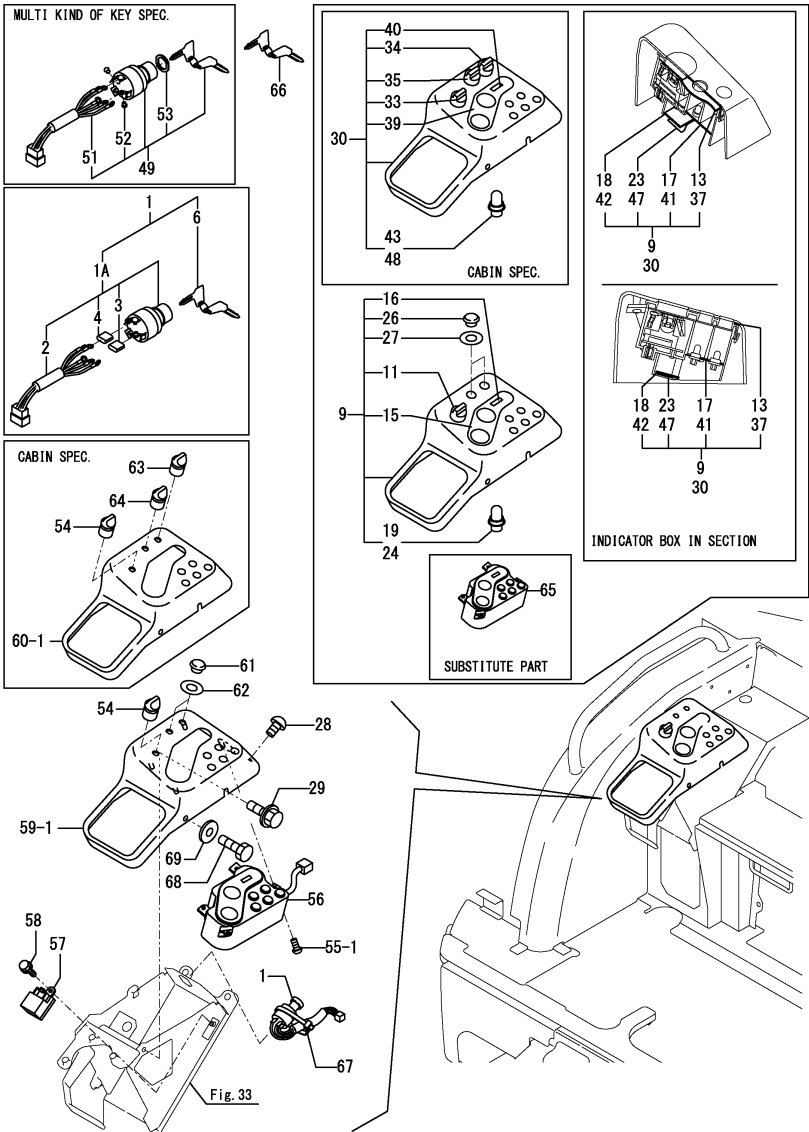
Remarks
(1)MULTI KIND OF KEY SPEC.
(2)HOUR METER = ANALOG TYPE. ONLY THE MONITOR PORT COPE IN REF.NO.65.
(3)HOUR METER = L.C.D. TYPE.
(4)For bonnet, door.
(5)Color = DARK OLIVE GRAY.
(6)Color = PANTONE 425C.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1	1					
1A	2	172A47-17210	CYLINDER ASSY, KEY	1	1	1				W	
(A=M36045) (B=M36045) (C=M36045)											
2	3	172187-17070	CORD ASSY	1	1	1					
3	3	172187-17080	COVER	3	3	3					
4	3	172187-17090	COVER	2	2	2					
6	2	933110-00301	KEY ASSY	1	1	1					
9	1	172458-17501	BOX,INDICATOR(CANOPY		1	1				Z	2
(B=M/#35460) (C=M/#35460)											
11	2	172187-17280	SWITCH ASSY, LIGHT		1	1					
13	2	172187-17320	PACKING		1	1					
15	2	172187-17341	GAUGE ASSY		1	1					
16	2	172187-17350	METER ASSY, HOUR		1	1					
17	2	172187-17360	PRINT, CIRCUIT		1	1					
18	2	172187-17371	CIRCUIT ASSY		1	1					
19	2	172187-17380	BULB		4	4					
23	2	172187-17470	PLATE		1	1					
24	2	172187-17480	BULB		2	2					
26	2	172187-17560	CAP		2	2					
27	2	172187-17570	GASKET		2	2					
28	1	172458-46720	BOLT	1	1	1					
28-1	1	172519-63240	BOLT	1	1	1				R	
(A=*2015.06.) (B=*2015.06.) (C=*2015.06.)											
29	1	172519-63240	BOLT	3	3	3					
29-1	1	172519-63240	BOLT	2	2	2				K	
(A=*2015.06.) (B=*2015.06.) (C=*2015.06.)											
30	1	172458-17251	BOX,INDICATOR(CABIN	1						Z	2
(A=M/#35460)											
33	2	172187-17280	SWITCH ASSY, LIGHT	1							
34	2	172187-17290	SWITCH ASSY, HEATER	1							
35	2	172187-17301	SWITCH ASSY, WIPER	1							
37	2	172187-17320	PACKING	1							
39	2	172187-17341	GAUGE ASSY	1							
40	2	172187-17350	METER ASSY, HOUR	1							
41	2	172187-17360	PRINT, CIRCUIT	1							
42	2	172187-17371	CIRCUIT ASSY	1							
43	2	172187-17380	BULB	4							
47	2	172187-17470	PLATE	1							
48	2	172187-17480	BULB	2							
49	1	172458-17171	KEY ASSY		1						1
51	3	172458-17150	HARNESS		1						
52	3	26022-050102	SCREW, M5X10		5						
53	2	172458-17161	PLATE		1						
54	1	172187-17280	SWITCH ASSY, LIGHT	1	1	1				W	5
(A=M/#35460) (B=M/#35460) (C=M/#35460)											
54-1	1	172187-17760	SWITCH ASSY, LAMP D	1	1	1				S	6
(A=M3F001) (B=M3F001) (C=M3F001)											
55-1	1	22877-400121	SCREW, 4X12	4	4	4				W	
(A=M35460) (B=M35460) (C=M35460)											
56	1	172A77-17250	MONITOR ASSY	1	1	1				W	
(A=M/#35460) (B=M/#35460) (C=M/#35460)											

Fig.22. EQUIPMENT(INDICATOR BOX)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



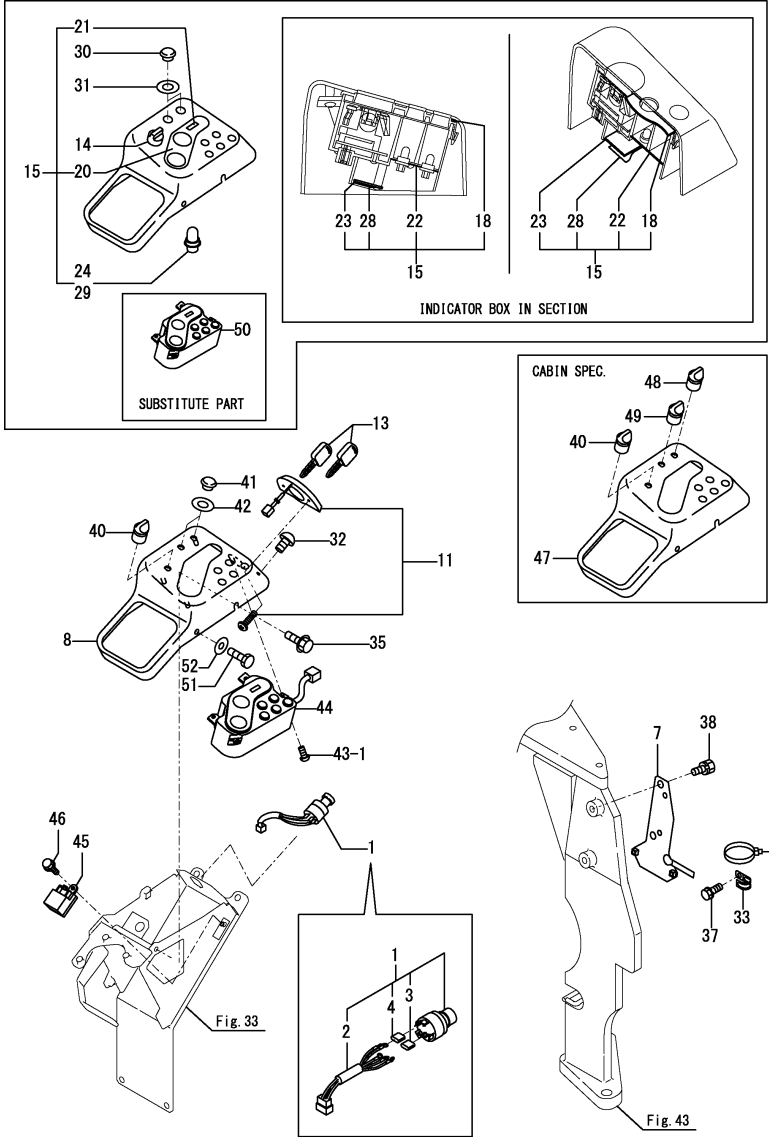
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
57	1	124970-77920	TIMER (A=M/#35460) (B=M/#35460) (C=M/#35460)	1	1	1				W	
58	1	26014-060202	BOLT, M6X 20 (A=M/#35460) (B=M/#35460) (C=M/#35460)	1	1	1				W	
59-1	1	172A25-17200	IN-PANE R,CANOPY (B=M35460) (C=M35460)		1	1				W	5
59-2	1	172A25-17300	COVER, INPANE P D (B=M3F001) (C=M3F001)		1	1				S	6
60-1	1	172A25-17210	PANEL, INSTRUMENT (A=M35460)	1						W	5
60-2	1	172A25-17310	COVER, INPANE C D (A=M3F001)	1						S	6
61	1	172187-17560	CAP (B=M/#35460) (C=M/#35460)		2	2				W	
62	1	172187-17570	GASKET (B=M/#35460) (C=M/#35460)		2	2				W	
63	1	172187-17290	SWITCH ASSY, HEATER (A=M/#35460)	1						W	5
63-1	1	172187-17770	SWITCH ASSY,HEATER D (A=M3F001)	1						S	6
64	1	172187-17301	SWITCH ASSY, WIPER (A=M/#35460)	1						W	5
64-1	1	172187-17780	SWITCH ASSY,WIPER D (A=M3F001)	1						S	6
65	1	172A77-17500	MONITOR ASSY	1	1	1					2
66	1	933110-00301	KEY ASSY	1	1	1					4
67	1	172126-11510	BAND	1	1	1				W	
68	1	172487-63500	BOLT,LOW HEAD 8X20 (A=*2015.06.) (B=*2015.06.) (C=*2015.06.)	1	1	1				W	
69	1	22137-080000	WASHER, 8 (A=*2015.06.) (B=*2015.06.) (C=*2015.06.)	1	1	1				W	

Remarks
(1)MULTI KIND OF KEY SPEC.
(2)HOUR METER = ANALOG TYPE. ONLY THE MONITOR PORT COPE IN REF.NO.65.
(3)HOUR METER = L.C.D. TYPE.
(4)For bonnet, door.
(5)Color = DARK OLIVE GRAY.
(6)Color = PANTONE 425C.

Fig.23. EQUIPMENT(INDICATOR BOX)(IMMOBILIZER SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



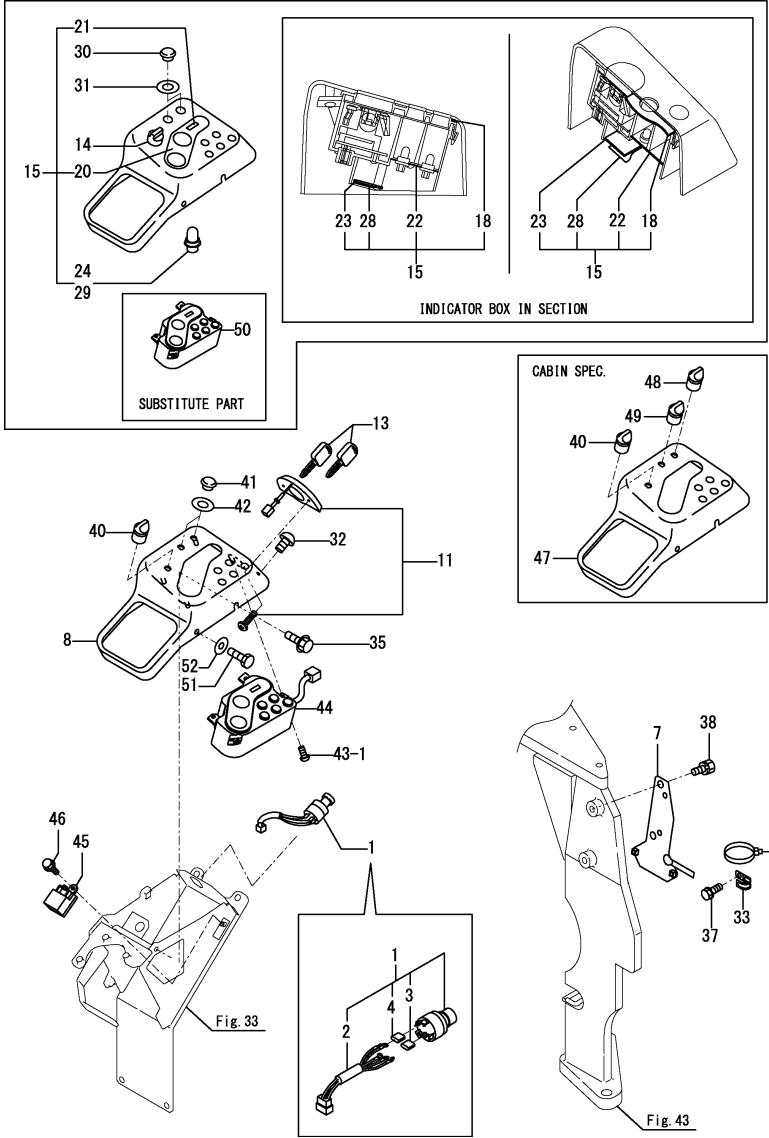
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER		1						
1-1	1	172A47-17210	CYLINDER ASSY, KEY	1	1						Q
(B=M36104)											
2	2	172187-17070	CORD ASSY	1	1						
3	2	172187-17080	COVER	3	3						
4	2	172187-17090	COVER	2	2						
7	1	172460-17110	BRACKET, TIMER	1	1						
8	1	172A25-17200	IN-PANE R,CANOPY		1						3
8-1	1	172A25-17300	COVER, INPANE P D		1						S 4
(B=M3F001)											
11	1	172A47-17360	ANTENNA	1	1						3
11-1	1	172A47-17700	ANTENNA ASSY,IMOB I B	1	1						S 5
(A=M3F001) (B=M3F001)											
13	1	172A47-17380	KEY, STARTING	2	2						
14	1	172187-17280	SWITCH ASSY, LIGHT	1	1						3
14-1	1	172187-17760	SWITCH ASSY, LAMP D	1	1						S 4
(A=M3F001) (B=M3F001)											
15	1	172472-17501	PANEL ASSY, MONITOR		1						Z 1
(B=M/#35460)											
18	2	172187-17320	PACKING		1						
20	2	172187-17341	GAUGE ASSY		1						
21	2	172187-17350	METER ASSY, HOUR		1						
22	2	172187-17360	PRINT, CIRCUIT		1						
23	2	172187-17371	CIRCUIT ASSY		1						
24	2	172187-17380	BULB		4						
28	2	172187-17470	PLATE		1						
29	2	172187-17480	BULB		2						
30	1	172187-17560	CAP		2						
31	1	172187-17570	GASKET		2						
32	1	172458-46720	BOLT	1	1						
32-1	1	172519-63240	BOLT	1	1						R
(A=*2015.06.) (B=*2015.06.)											
33	1	194440-51620	CLAMP, B	1	1						
34	1	194202-56460	BAND, 200	1	1						
35	1	172519-63240	BOLT	3	3						
35-1	1	172519-63240	BOLT	2	2						K
(A=*2015.06.) (B=*2015.06.)											
37	1	26013-080162	BOLT, SPRING M8X 16	1	1						
38	1	26013-120252	BOLT, SPRING M12X 25	2	2						
40	1	172187-17280	SWITCH ASSY, LIGHT	1	1						W 3
(B=M/#35460)											
40-1	1	172187-17760	SWITCH ASSY, LAMP D	1	1						S 4
(A=M3F001) (B=M3F001)											
41	1	172187-17560	CAP		2						W
(B=M/#35460)											
42	1	172187-17570	GASKET		2						W
(B=M/#35460)											
43-1	1	22877-400121	SCREW, 4X12		4						W
(B=M35460)											
44	1	172A77-17250	MONITOR ASSY	1	1						W
(B=M35469)											

Remarks
* IMMOBILIZER kit is shown in Fig.160.
(1)HOUR METER = ANALOG TYPE. COPIES IN REF.NO.50.
(2)HOUR METER = L.C.D. TYPE.
(3)Color = DARK OLIVE GRAY.
(4)Color = PANTONE 425C.
(5)Color = BLACK.

Fig.23. EQUIPMENT(INDICATOR BOX)(IMMOBILIZER SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



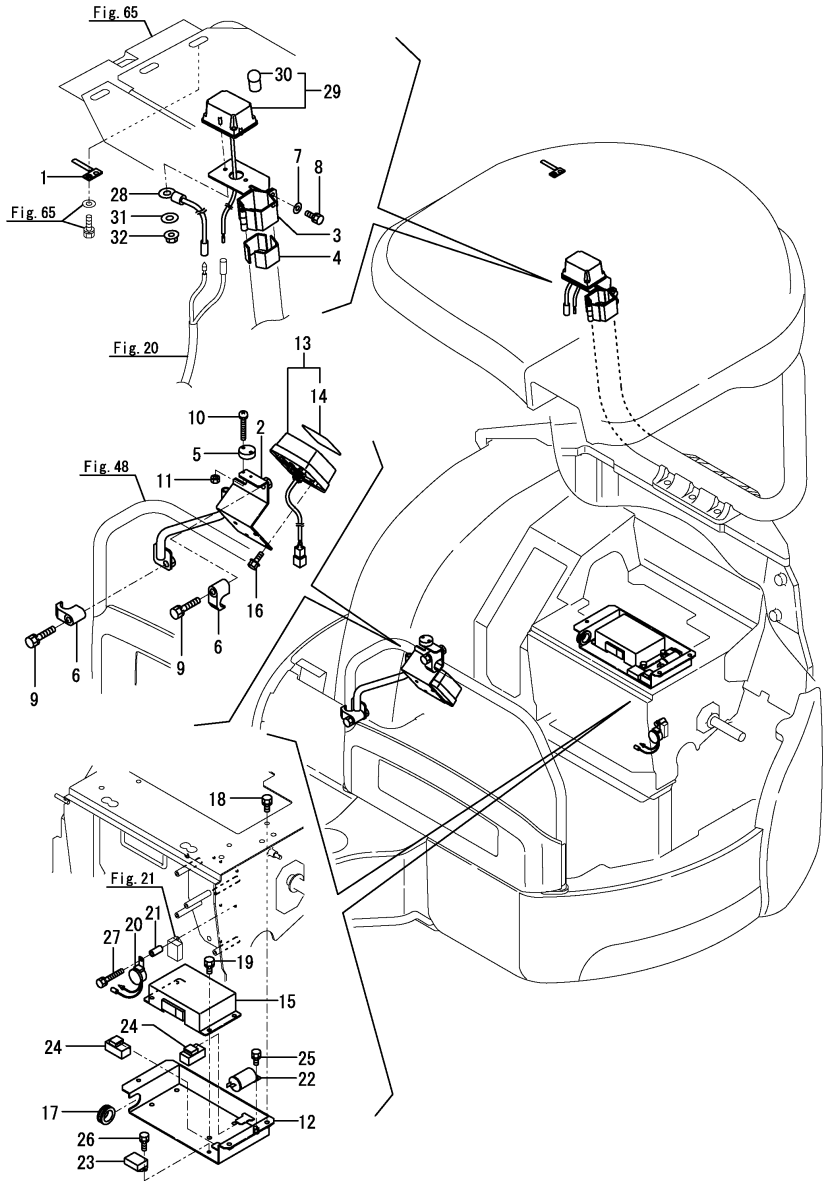
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
45	1	124970-77920	TIMER (B=M35469)	1	1						W
46	1	26014-060202	BOLT, M6X 20 (B=M35469)	1	1						W
47	1	172A25-17210	PANEL, INSTRUMENT	1							3
47-1	1	172A25-17310	COVER, INPANE C D (A=M3F001)	1							S 4
48	1	172187-17290	SWITCH ASSY, HEATER	1							3
48-1	1	172187-17770	SWITCH ASSY,HEATER D (A=M3F001)	1							S 4
49	1	172187-17301	SWITCH ASSY, WIPER	1							3
49-1	1	172187-17780	SWITCH ASSY,WIPER D (A=M3F001)	1							S 4
50	1	172A77-17500	MONITOR ASSY		1						2
51	1	172487-63500	BOLT,LOW HEAD 8X20 (A=*2015.06.) (B=*2015.06.)	1	1						W
52	1	22137-080000	WASHER, 8 (A=*2015.06.) (B=*2015.06.)	1	1						W

Remarks
* IMMOBILIZER kit is shown in Fig.160.
(1)HOUR METER = ANALOG TYPE. COPES IN REF.NO.50.
(2)HOUR METER = L.C.D. TYPE.
(3)Color = DARK OLIVE GRAY.
(4)Color = PANTONE 425C.
(5)Color = BLACK.

Fig.24. EQUIPMENT(CRANE)(1)

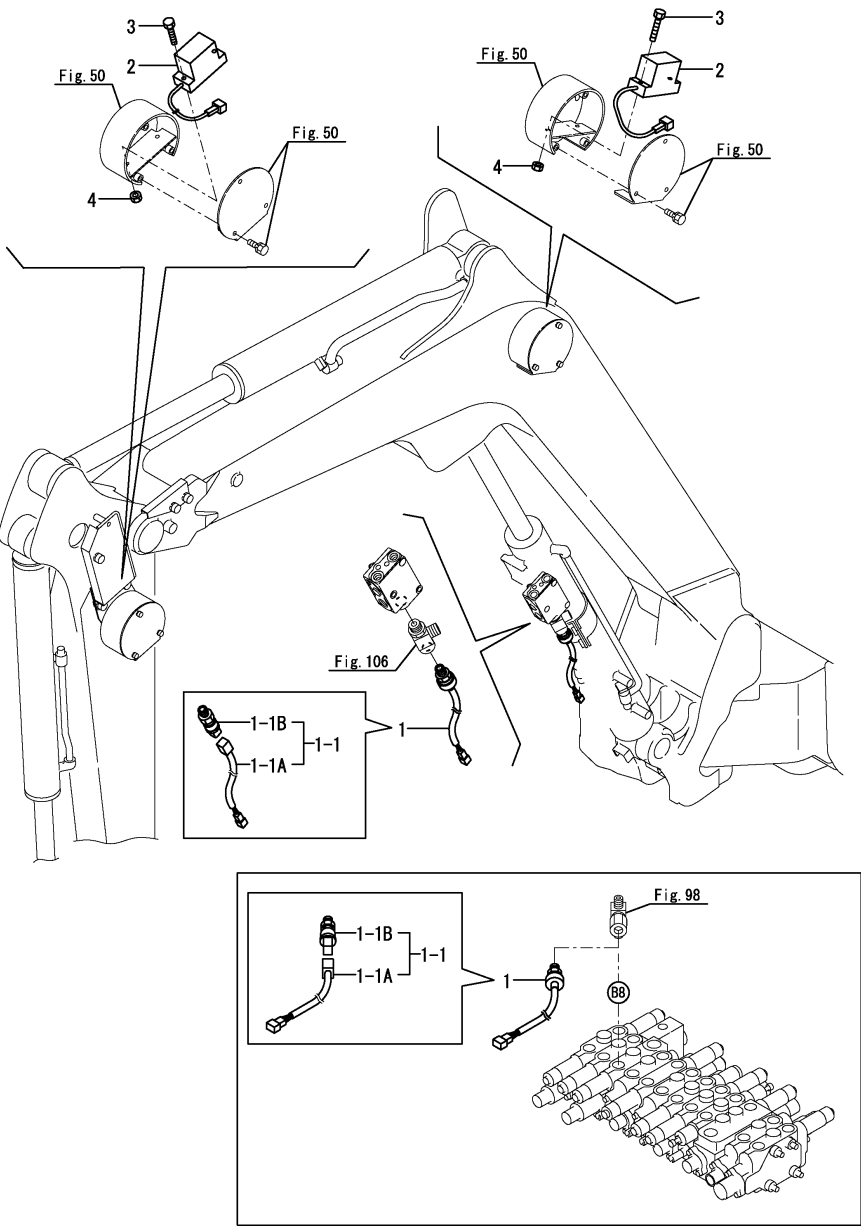
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172190-12420	CLAMP		1						
2	1	172A25-17500-2	BRACKET (GREEN:2Q)		1						
2-1	1	172A25-17500-Y	BRACKET		1						S
		(B=M38501)									
3	1	172496-17570	BRACKET ASSY		1						
3-1	1	172496-17570-1	BRACKET ASSY		1						S
		(B=M/#33092)									
3-2	1	172496-17570-3	BURACKET ASSY		1						S
		(B=M3F001)									
4	1	172496-17610	RUBBER		2						
5	1	172455-63230	GAUGE, LEVEL		1						
6	1	172142-76940-7	CLAMP		2						
6-1	1	172142-76940-Y	CLAMP		2						S
		(B=M38501)									
7	1	22137-080000	WASHER, 8		2						
8	1	26013-080202	BOLT, SPRING M8X 20		2						
9	1	26013-120552	BOLT, SPRING M12X 55		2						
10	1	26022-030202	SCREW, M3X20		2						
11	1	26716-030002	NUT, M3		2						
12	1	172A25-17400	CONTROLLER BOX ASSY		1						
13	1	172187-17882	PANEL ASSY, CRANE		1						1
13-1	1	172187-17883	PANEL, CRANE		1						R 1
		(B=M37203)									
13-2	1	172187-17870	PANEL ASSY, CRANE D		1						S 2
		(B=M3F001)									
14	2	172187-17890	SHEET, PANEL		1						Z
		(B=M37019)									
15	1	172A23-17900	CONTROLLER ASSY		1						
16	1	172164-45880	BOLT		4						
17	1	172165-62800	GROMMET		1						
18	1	26013-080162	BOLT, SPRING M8X 16		3						
19	1	26013-080162	BOLT, SPRING M8X 16		4						
20	1	172141-17150	BUZZER		1						
21	1	172A25-17450	COLLAR		1						
22	1	194080-57202	RELAY, FLASHER		1						
23	1	129211-77920	TIMER		1						
24	1	1E6910-82500	RELAY, CA-1A		2						
24-1	1	172B02-17160	RELAY,CAA TYPE		2						N
		(B=M3B073)									
25	1	26013-060122	BOLT, SPRING M6X 12		1						
26	1	26013-060162	BOLT, SPRING M6X 16		1						
27	1	26013-060352	BOLT, SPRING M6X 35		1						
28	1	172647-16560	WIRE, EARTH		1						
29	1	1E6300-81050	LAMP, FLASHER		1						
30	2	172738-17120	BULB, 12V 20W		1						
31	1	22137-080000	WASHER, 8		1						
32	1	26367-060002	NUT, M6		2						

Remarks
* CRANE kit, CANOPY is shown in Fig.130.
(1)Color = WARM GARY.
(2)Color = PANTONE 425C.



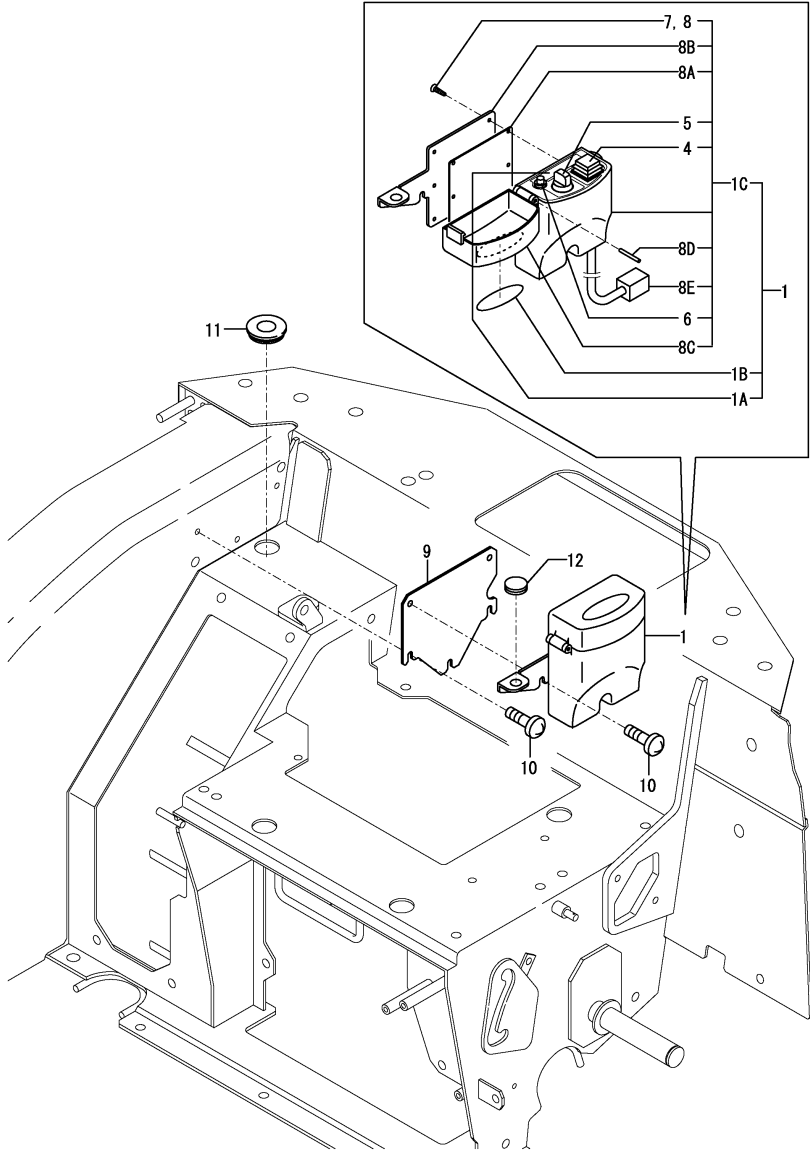
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17730	SENSOR		2						
1-1	1	172A23-17730 (B=M3A641)	SENSOR ASSY,PRES 35M		2						R
1-1A	2	172A23-16620 (B=M3A641)	HARNESS, MIDDLE		2						W
1-1B	2	172B03-17530 (B=M3A641)	SENSOR,PRESSURE 35MP		2						W
2	1	172187-17740	SENSOR		2						
3	1	26116-060304	BOLT, M6X 30 PLATED		4						
4	1	26716-060002	NUT, M6		4						

Remarks
* Crane kit(canopy) is shown in Fig.130.

Fig.26. QUICK COUPLER(SWITCH BOX)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

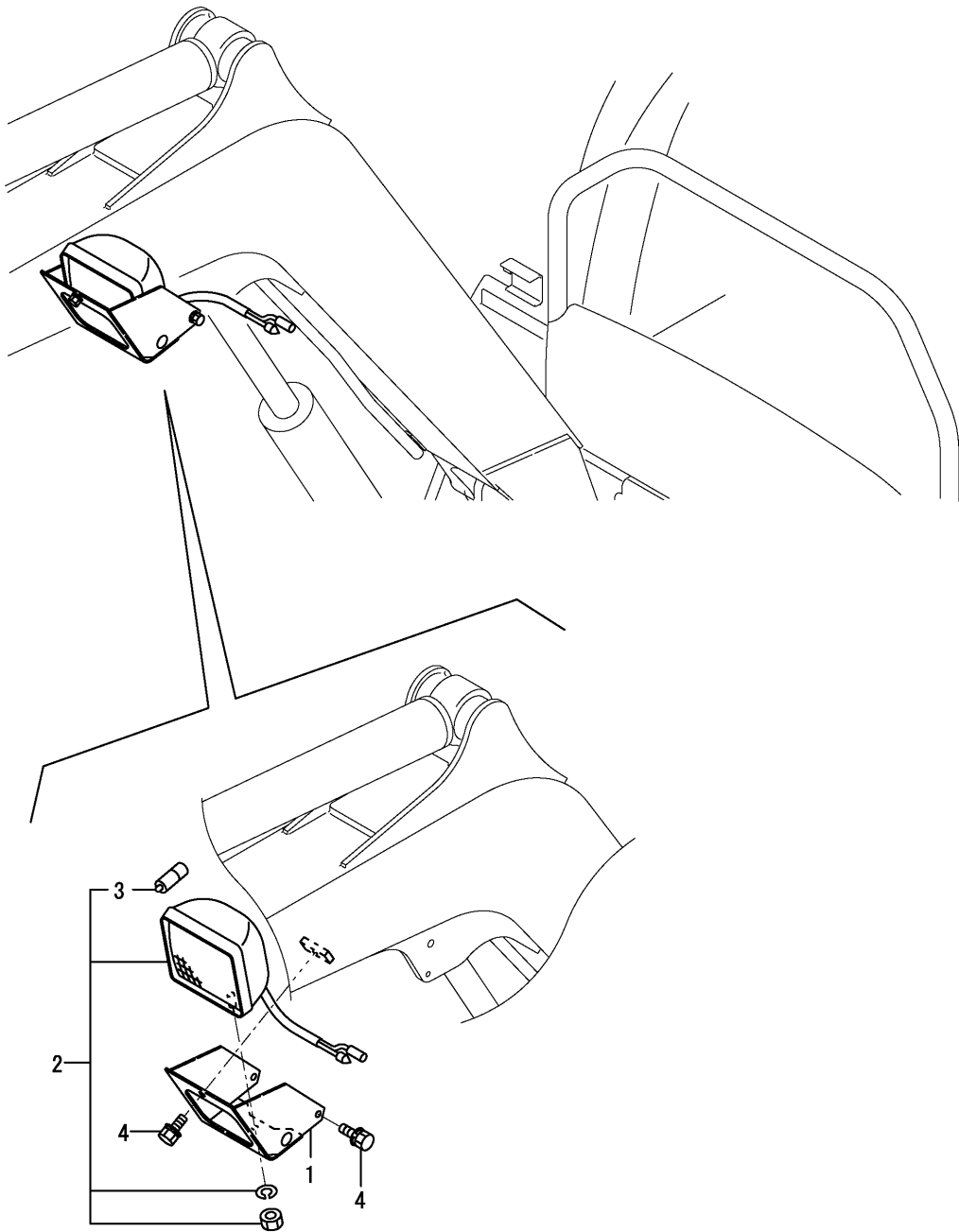
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17110	BOX, SWITCH (C=M/#35241)			1				W	2
1-1	1	172958-17111	BOX, SWITCH EX (C=M39666)			1				N	2
1-2	1	172958-17410	BOX, SWITCH EX D (C=M3F001)			1				S	4
1A	2	172472-03290	LABEL, SWITCH (C=M/#35241)			1				W	
1B	2	172472-03300	LABEL, COVER (C=M/#35241)			1				W	
1C	2	172958-17101	BOX, SWITCH (A=M/#35241) (B=M/#35241) (C=M/#35241)	1	1	1				W	2
1C-1	2	172958-17102	BOX, SWITCH (A=M39666) (B=M39666) (C=M39666)	1	1	1				N	2
1C-2	2	172958-17400	BOX, SWITCH D (A=M3F001) (B=M3F001) (C=M3F001)	1	1	1				S	4
4	3	172958-17140	SWITCH ASSY	1	1	1					1
5	3	172958-17150	SWITCH ASSY	1	1	1					1
6	3	172958-17160	LAMP, INDICATOR	1	1	1					1
7	3	172958-17170	SCREW, TAPPING	1	1	1					1
7-1	3	172958-17170	SCREW, TAPPING (A=M/#31849) (B=M/#31849) (C=M/#31849)	6	6	6				K	1
8	3	172958-17180	SCREW, TAPPING	1	1	1					1
8-1	3	172958-17180	SCREW, TAPPING (A=M/#31849) (B=M/#31849) (C=M/#31849)	2	2	2				K	1
8A	3	172958-17190	PACKING	1	1	1					1
8B	3	172958-17200	BRACKET	1	1	1					1
8C	3	172958-17210	CASE	1	1	1					2
8C-1	3	172958-17230	CASE, UPPER (A=M3F001) (B=M3F001) (C=M3F001)	1	1	1				S	4
8D	3	22351-030028	PIN, SPRING 3.0X28	1	1	1					1
8E	3	172958-17220	CORD (A=M/#32563) (B=M/#32563) (C=M/#32563)	1	1	1				W	1
9	1	172A30-17200	BRACKET ASSY, Q HITCH	1	1	1					
10	1	172137-46210	SCREW	5	5	5					
11	1	172958-64500	PLUG	1	1	1					3
11-1	1	172958-64600	PLUG, BLACK 28 (A=M3F001) (B=M3F001) (C=M3F001)	1	1	1				S	5
12	1	172187-64900	PLUG	1	1	1					

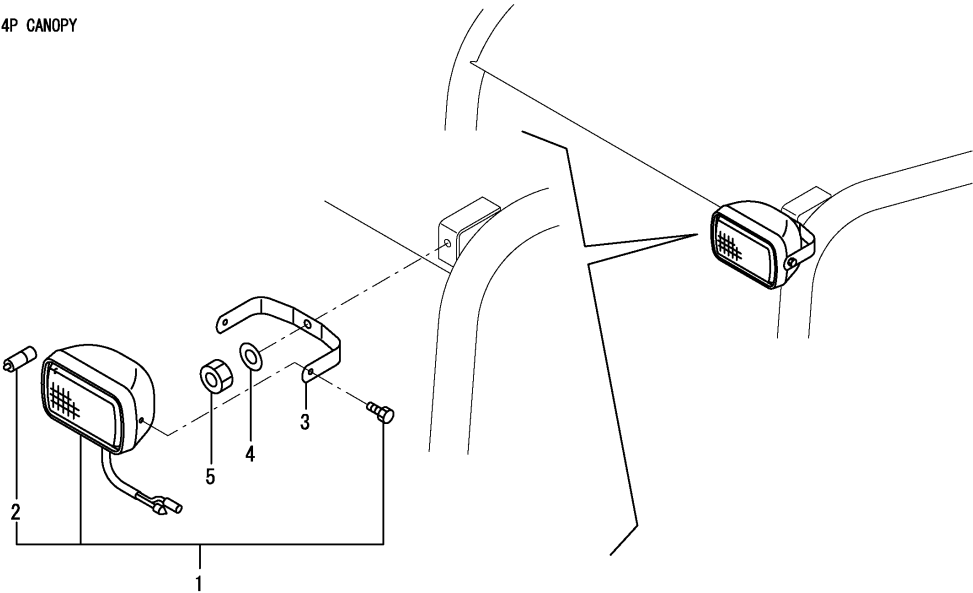
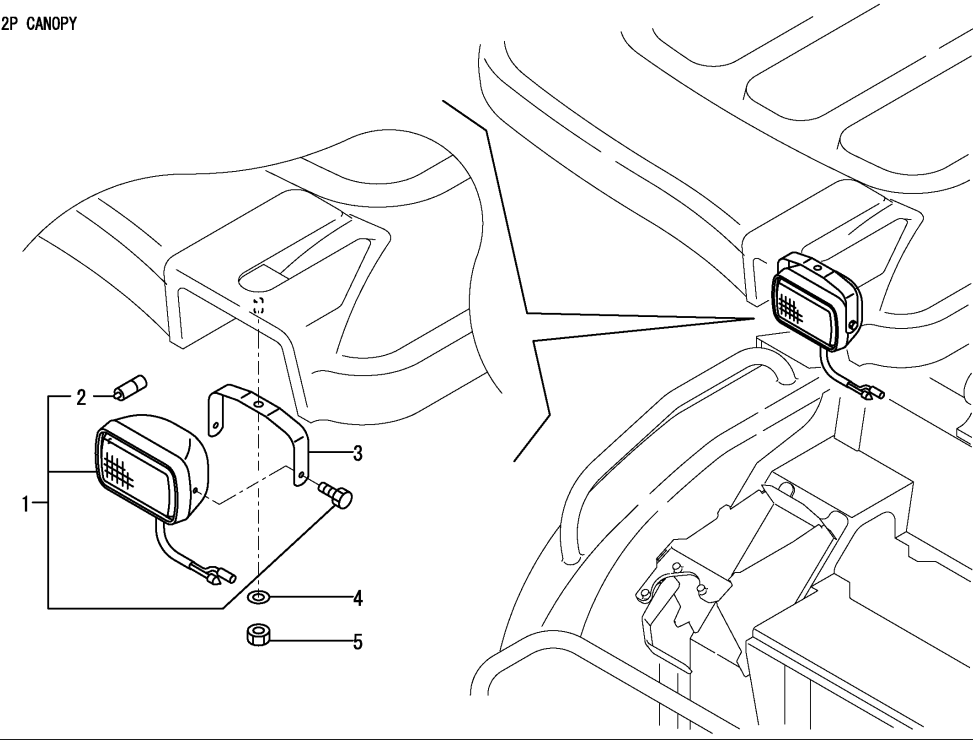
Remarks
(1)LEVEL CHANGED.
(2)Color = DARK OLIVE GRAY.
(3)Color = WARM GARY.
(4)Color = PANTONE 425C.
(5)Color = BLACK.

Fig.27. WORK LAMP



No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-17400	COVER ASSY, LAMP	1	1	1					
1-1	1	172456-17401-1 (A=M37001)	COVER ASSY, LAMP (B=M37001) (C=M37001)	1	1	1					N
1-2	1	172456-17401-Y (A=M38501)	COVER ASSY, LAMP (B=M38501) (C=M38501)	1	1	1					S
2	1	172458-17450	LAMP, WORK	1	1	1					
3	2	172187-17540	BULB	1	1	1					
4	1	26014-080202	BOLT, M8X 20	3	3	3					

Fig.28. CANOPY LAMP

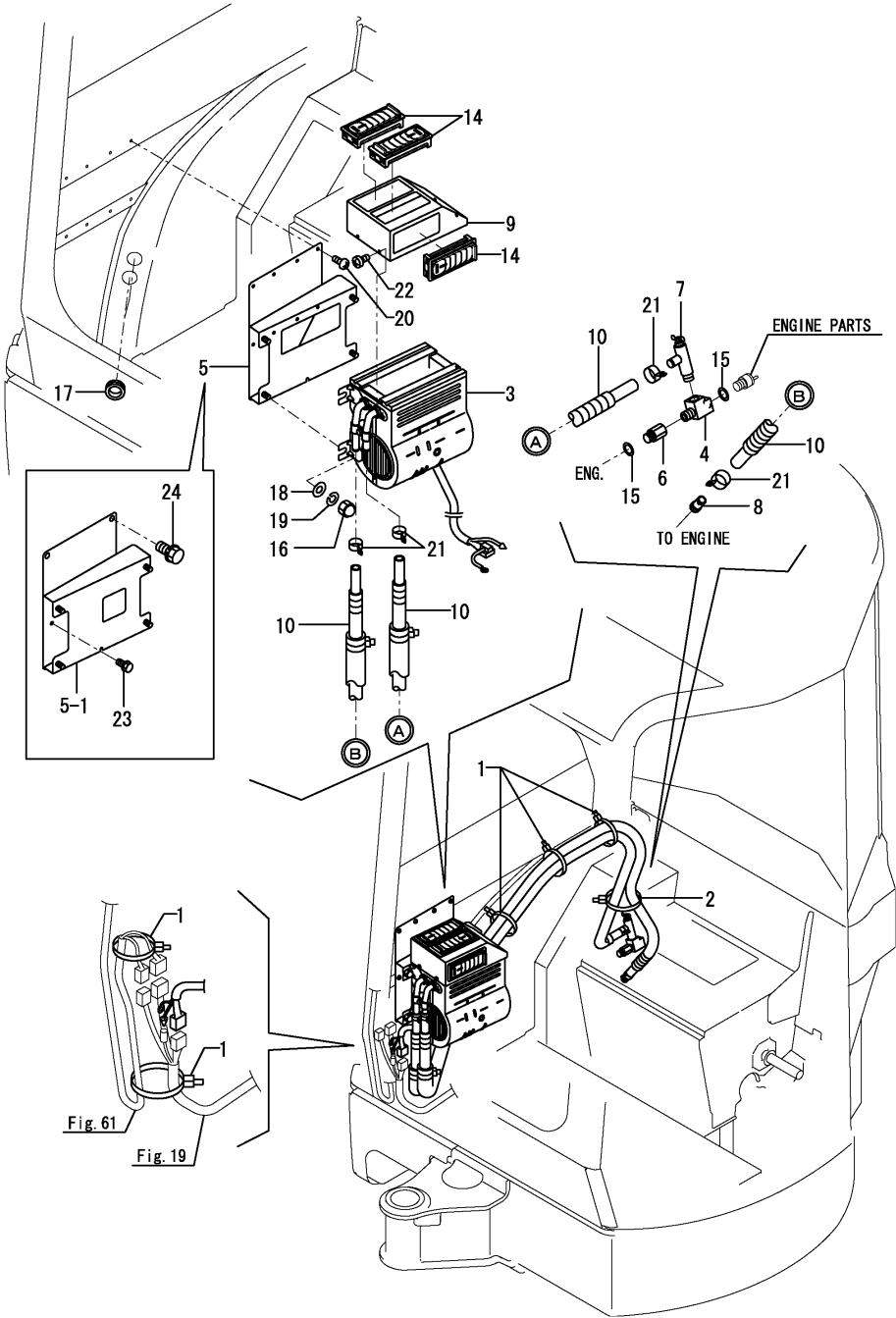


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-17400	LAMP	1	1	1					
2	2	172458-17420	BULB	1	1	1					
3	1	172458-17410	STAY, LAMP	1	1	1					
3-1	1	172458-17410-4	STAY, LAMP	1	1	1					S
		(A=M3F001) (B=M3F001) (C=M3F001)									
4	1	22137-100000	WASHER, 10	1	1	1					
5	1	26346-100002	NUT, M10	1	1	1					

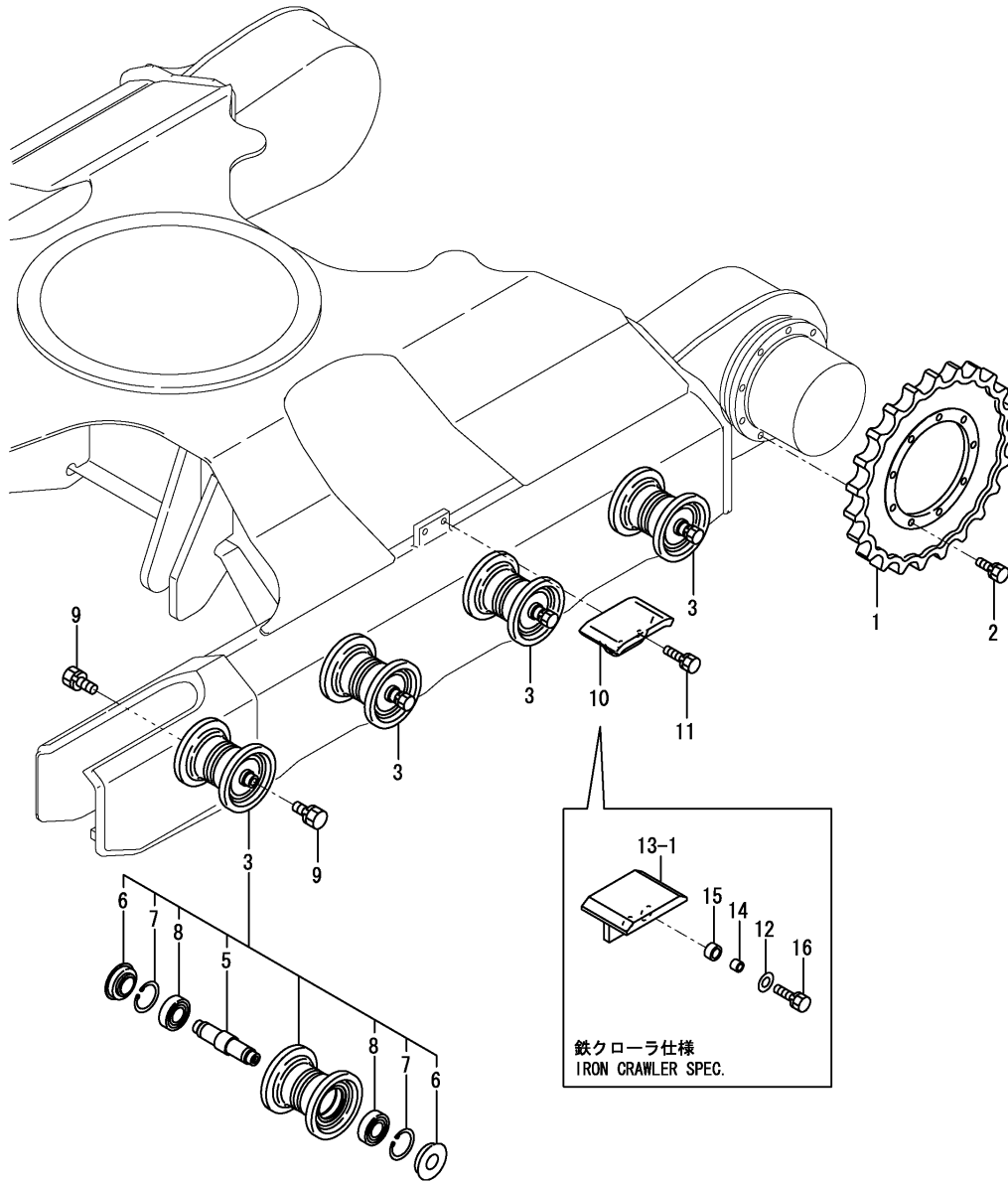
Fig.29. HEATER



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	5							
2	1	172183-16560	CLIP, HOSE	1							
3	1	172458-17551	HEATER	1							
4	1	172168-17601	CONNECTOR	1							
5	1	172456-17600	BRACKET, HEATER	1							
5-1	1	172456-17601	BRACKET, HEATER	1							S
(A=M/#30645)											
5-2	1	172456-17601-N	BRACKET ASSY,HEATER	1							S
(A=M3F001)											
6	1	172137-17631	JOINT, HEATER	1							
7	1	172425-17630	VALVE ASSY, HEATER	1							
8	1	172124-17640	JOINT, PIPE	1							
9	1	172456-17650	DUCT, HEATER	1							
9-1	1	172456-17650-N	DUCT, HEATER	1							S
(A=M3F001)											
10	1	172456-17700	HOSE ASSY, HEATER	2							
14	1	172458-17700	GRILLE	3							
15	1	124465-44950	GASKET, 16	2							
16	1	172458-63470	NUT, CAP	4							
17	1	172137-66230	GROMMET	2							
18	1	22137-100000	WASHER, 10	4							
19	1	22217-100000	WASHER, SPRING 10	4							
20	1	22877-500120	SCREW, 5X12	8							Z
(A=M/#30645)											
21	1	23001-022000	CLAMP, HOSE 22	4							
22	1	26587-040122	SCREW, M4X12	4							
23	1	26013-060202	BOLT, SPRING M6X 20	2							W
(A=M/#30645)											
24	1	26013-100202	BOLT, SPRING M10X 20	2							W
(A=M/#30645)											

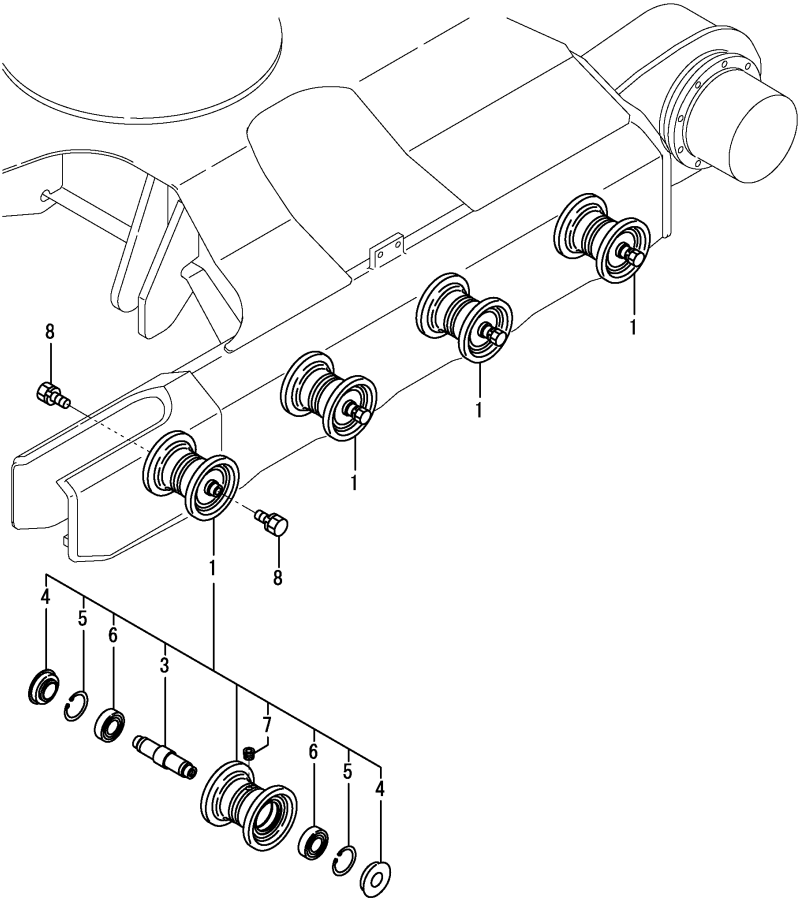


No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172173-29100	SPROCKET	2	2	2				
1-1	1	172173-29100-2	SPROCKET, 23	2	2	2				S
		(A=M/#33092)	(B=M/#33092)	(C=M/#32643)						
2	1	26013-100252	BOLT, SPRING M10X 25	18	18	18				
3	1	772456-37301	ROLLER ASSY, TRACK	8	8	8				
3-1	1	172487-37050	ROLLER ASSY, TRACK	8	8	8				N
		(A=M/#32860)	(B=M/#32860)	(C=M/#32860)						
3-2	1	172487-37050-1	ROLLER ASSY, TRACK	8	8	8				S
		(A=M/#33092)	(B=M/#33092)	(C=M/#32643)						
3-3	1	172487-37050-1	ROLLER ASSY, TRACK	8	8	8				Z 3
		(A=M3B855)	(B=M3B855)	(C=M3B855)						
5	2	172456-37320	SHAFT, ROLLER	8	8	8				
6	2	1E6140-73420	SEAL, OIL 25X52X18	16	16	16				
7	2	22252-000520	RING, 52	16	16	16				
8	2	24101-062054	BEARING, BALL 6205	16	16	16				
9	1	26013-120252	BOLT, SPRING M12X 25	16	16	16				
10	1	172456-37500	PLATE, SHOE	2	2	2				1
10-1	1	172456-37500-2	PLATE, SHOE	2	2	2				S 1
		(A=M/#33092)	(B=M/#33092)	(C=M/#32643)						
11	1	26013-100302	BOLT, SPRING M10X 30	4	4	4				1
12	1	172110-36010	COLLAR	4	4	4				2
13-1	1	172173-37500-1	PLATE, SHOE	2	2	2				2
13-2	1	172173-37500-3	PLATE,HOSE BAFFLE(49	2	2	2				S 2
		(A=M/#33092)	(B=M/#33092)	(C=M/#32643)						
14	1	172183-37510	COLLAR, 11X16X13	4	4	4				2
15	1	172183-37520	COLLAR, 16X24X13	4	4	4				2
16	1	26013-100352	BOLT, SPRING M10X 35	4	4	4				2

(1)Rubber crawler specification.
(2)Iron crawler specification.
(3)Interchangeable by Fig.144(30A) No.1.

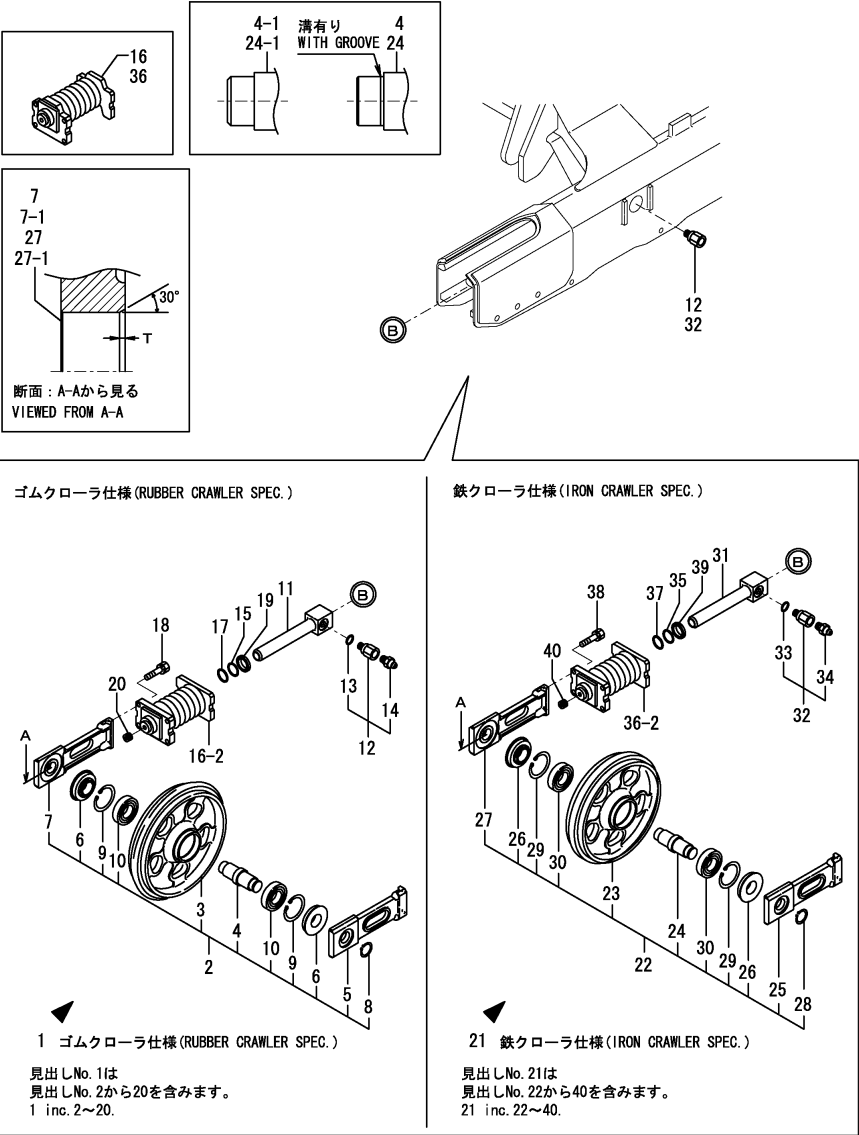
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.144. (30A)TRACK ROLLER(S SPEC.)



No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=			I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172A23-37300 (A=M3B855)	ROLLER ASSY, LOWER (B=M3B855) (C=M3B855)	1	1	1				W
3	2	172A23-37320	SHAFT	1	1	1				
4	2	1E6140-73420	SEAL, OIL 25X52X18	2	2	2				
5	2	22252-000520	RING, 52	2	2	2				
6	2	24101-062054	BEARING, BALL 6205	2	2	2				
7	2	933171-13691	PLUG	1	1	1				
8	1	26013-120252	BOLT, SPRING M12X 25	2	2	2				

Fig.31. IDLER & ADJUST



Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.7-1.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.27-1.
(3)T=REF.NO.7,27 1MM,
NO.7-1,27-1 1.5MM

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

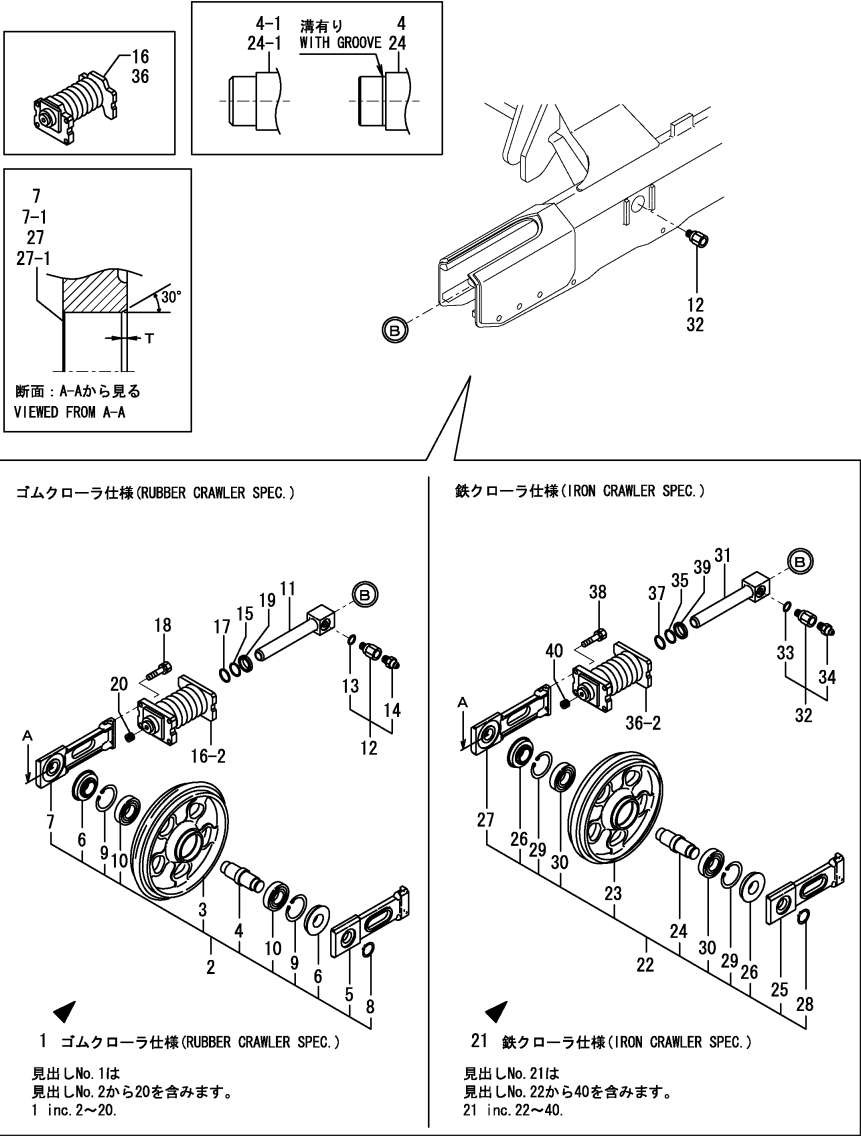
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-37120	IDLER ASSY, RUBBER	2	2	2					
1-1	1	772456-37120-1	IDLER ASSY, RUBBER	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
2	2	772456-37100	IDLER ASSY, RUBBER	2	2	2					
2-1	2	772456-37100-2	IDLER ASSY, RUBBER	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
3	3	172456-37100	IDLER ASSY	2	2	2					
3-1	3	172456-37100-2	IDLER ASSY	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
4	3	172456-37120	SHAFT, IDLER	2	2	2					
4-1	3	172456-37121	SHAFT, IDLER	2	2	2				F	1
(A=M/#32797) (B=M/#32797) (C=M/#32797)											
5	3	172456-37130	COVER, IDLER SEAL	2	2	2					
6	3	172141-37140	SEAL, 357220	4	4	4					
7	3	172456-37140	COVER, IDLER SEAL	2	2	2					3
7-1	3	172456-37141	COVER, IDLER SEAL	2	2	2				S	3
(A=M/#32797) (B=M/#32797) (C=M/#32797)											
8	3	22242-000300	RING, 30	2	2	2					
9	3	22252-000720	RING, 72	4	4	4					
10	3	24101-062074	BEARING, BALL 6207	4	4	4					
11	2	172456-37801	TUBE ASSY, ADJUST	2	2	2					
12	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2					
13	3	24315-000140	O-RING, 1BP14.0	2	2	2					
14	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
15	2	172137-37850	RING, BACK UP	2	2	2					
15-1	2	172A23-37750	RING, BACK UP	2	2	2				N	
(A=M/#31944) (B=M/#31944) (C=M/#31944)											
16	2	172421-37851	SPRING ASSY, ADJUST	2	2	2					
16-1	2	172421-37852	SPRING ASSY, CRAWLER	2	2	2				N	
(A=M/#32044) (B=M/#32044) (C=M/#32044)											
16-2	2	172421-37853	SPRING ASSY, CRAWLER	2	2	2				S	
(A=M/#32563) (B=M/#32563) (C=M/#32563)											
17	2	24315-000300	O-RING, 1BP30.0	2	2	2					
18	2	26013-100402	BOLT, M10X 40	8	8	8					
19	2	933126-38600	SEAL, DUST	2	2	2					
20	2	933171-13691	PLUG PT1/8	2	2	2					
21	1	772456-37130	IDLER ASSY, IRON	2	2	2					
21-1	1	772456-37130-1	IDLER ASSY, IRON	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
22	2	772456-37110	IDLER ASSY, IRON	2	2	2					
22-1	2	772456-37110-2	IDLER ASSY, IRON	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
23	3	172456-37110	IDLER ASSY	2	2	2					
23-1	3	172456-37110-2	IDLER ASSY	2	2	2				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
24	3	172456-37120	SHAFT, IDLER	2	2	2					
24-1	2	172456-37121	SHAFT, IDLER	2	2	2				F	2
(A=M/#32797) (B=M/#32797) (C=M/#32797)											
25	3	172456-37130	COVER, IDLER SEAL	2	2	2					
26	3	172141-37140	SEAL, 357220	4	4	4					
27	3	172456-37140	COVER, IDLER SEAL	2	2	2					3

Fig.31. IDLER & ADJUST

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27-1	2	172456-37141 (A=M/#32797) (B=M/#32797) (C=M/#32797)	COVER, IDLER SEAL	2	2	2				S	3
28	3	22242-000300	RING, 30	2	2	2					
29	3	22252-000720	RING, 72	4	4	4					
30	3	24101-062074	BEARING, BALL 6207	4	4	4					
31	2	172456-37801	TUBE ASSY, ADJUST	2	2	2					
32	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2					
33	3	24315-000140	O-RING, 1BP14.0	2	2	2					
34	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
35	2	172137-37850	RING, BACK UP	2	2	2					
35-1	2	172A23-37750 (A=M/#31944) (B=M/#31944) (C=M/#31944)	RING, BACK UP	2	2	2				N	
36	2	172421-37701	SPRING ASSY, CRAWLER	2	2	2					
36-1	2	172421-37702 (A=M/#32044) (B=M/#32044) (C=M/#32044)	SPRING ASSY, CRAWLER	2	2	2				N	
36-2	2	172421-37703 (A=M/#32563) (B=M/#32563) (C=M/#32563)	SPRING ASSY, CRAWLER	2	2	2				S	
37	2	24315-000300	O-RING, 1BP30.0	2	2	2					
38	2	26013-100402	BOLT, M10X 40	8	8	8					
39	2	933126-38600	SEAL, DUST	2	2	2					
40	2	933171-13691	PLUG PT1/8	2	2	2					

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.7-1.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.27-1.
(3)T=REF.NO.7,27 1MM,
NO.7-1,27-1 1.5MM

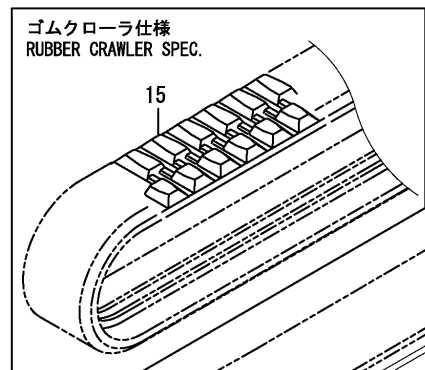
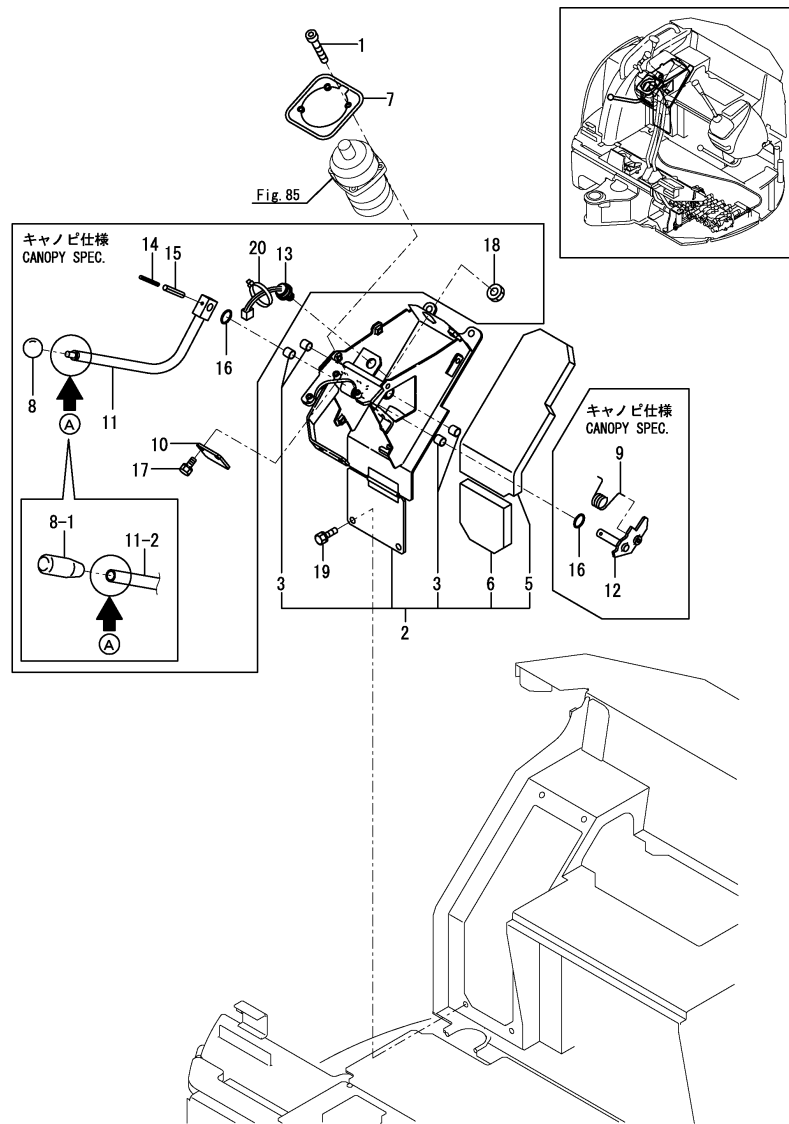


Fig.33. CONTROL EQUIPMENT(LOCK LECER & STAND)(RIGHT)



Remarks
(1)A=REF.NO.11-1 M10 SCREW,
NO.11-2 NO SCREW.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH RE.NO.8-1.

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

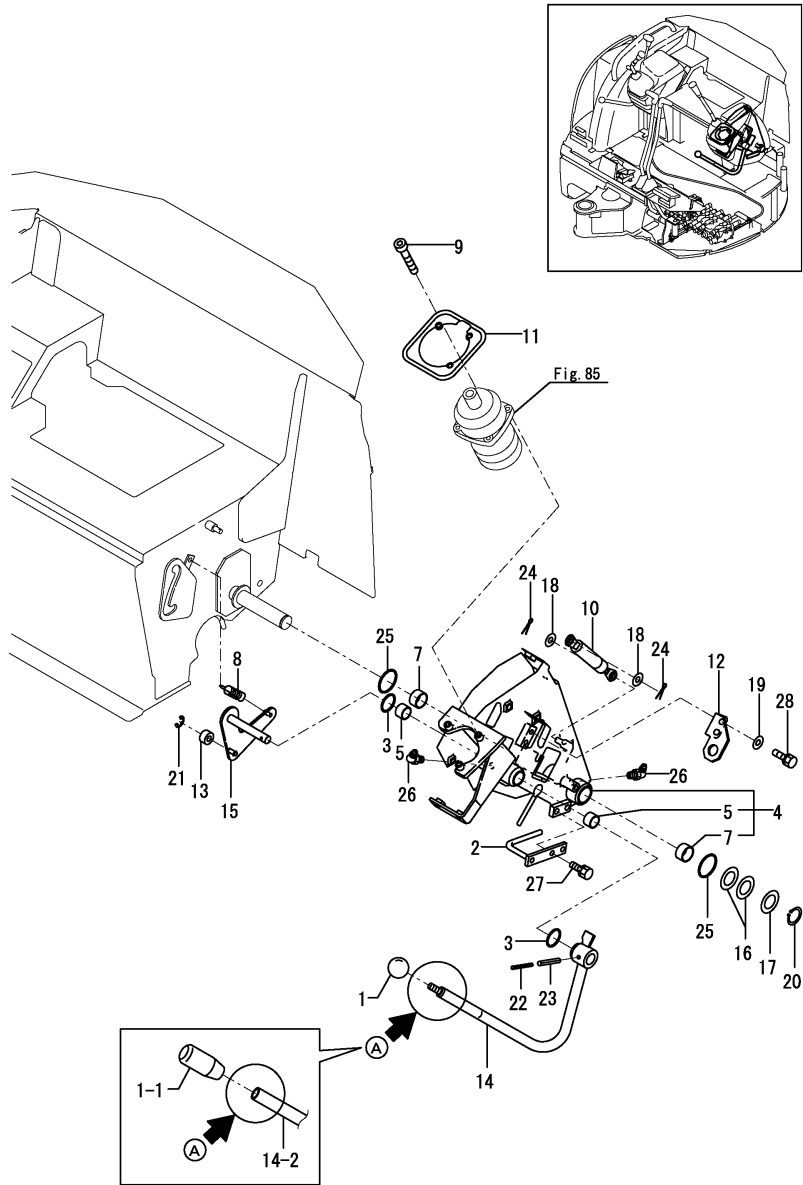
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT N6X30	3	3	3					
2	1	172A23-46800	STAND ASSY, LEVER	1	1	1					
2-1	1	172A23-46801	STAND ASSY, LEVER	1	1	1					N
2-2	1	172A23-46802	STAND ASSY, LEVER	1	1	1					N
3	2	172141-41360	BUSH	4	4	4					
5	2	172A23-46840	SPONGE	1	1	1					
6	2	172A23-46850	SPONGE	1	1	1					
7	1	172455-46941	PLATE, BOOT	1	1	1					
8	1	1D4070-23580	GRIP		1	1					
8-1	1	172A77-46050	GRIP		1	1					S
9	1	172165-45970	SPRING		1	1					
10	1	172458-46950	PLATE		1	1					
11	1	172458-47680	LEVER, LOCK		1	1					
11-1	1	172458-47680-1	LEVER, LOCK		1	1					S
11-2	1	172458-47681	LOCK LEVER R(GRAY:49		1	1					F 1
12	1	172458-47710	SHAFT ASSY		1	1					
13	1	194464-52190	SWITCH, SAFETY START		1	1					
14	1	22351-030032	PIN, SPRING 3.0X32		1	1					
15	1	22351-050032	PIN, SPRING 5.0X32		1	1					
16	1	24311-000210	O-RING, 1AP21.0		2	2					
17	1	26013-080162	BOLT, M8X 16		2	2					
18	1	26776-180002	NUT, LOCK M18		1	1					
19	1	26013-100202	BOLT, M10X 20	3	3	3					
20	1	194202-56460	BAND, 200		1	1					W

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.34. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

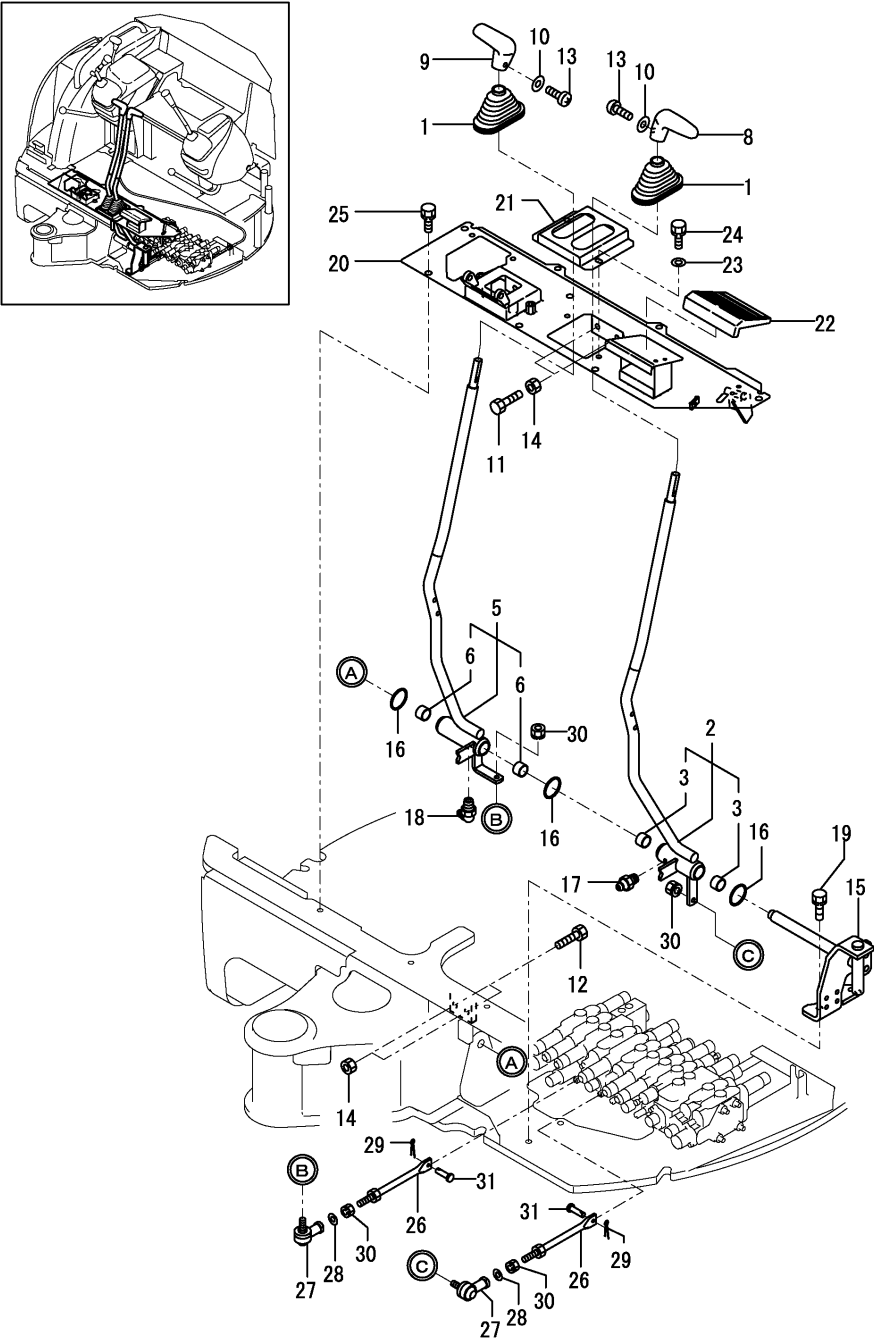
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP	1	1	1					
1-1	1	172A77-46050	GRIP	1	1	1				S	
(A=M36315) (B=M36315) (C=M36315)											
2	1	172458-45850	GUIDE, HOSE	1	1	1					
3	1	172124-46200	O-RING	2	2	2					
4	1	172458-46600	STAND, LEVER	1	1	1					
5	2	172141-41370	BUSH 2015	2	2	2					
7	2	24550-025150	BUSH, 25X15	2	2	2					
8	1	172162-46690	SPRING	1	1	1					
9	1	172458-46730	BOLT N6X30	3	3	3					
10	1	172455-46890	SPRING, GAS	1	1	1					
11	1	172455-46901	PLATE, BOOT	1	1	1					
12	1	172455-46950	BRACKET, SWITCH	1	1	1					
13	1	172165-47550	BUSH	1	1	1					
14	1	172458-47621	LEVER, LOCK	1	1	1					
14-1	1	172458-47621-1	LEVER, LOCK	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
14-2	1	172458-47622	LOCK LEVER L ASSY(49	1	1	1				F	1
(A=M36315) (B=M36315) (C=M36315)											
15	1	172458-47640	ROD ASSY, SPRING	1	1	1					
16	1	172165-47980	SHIM	2	2	2					
17	1	172165-47990	WASHER 25.5X42	1	1	1					
18	1	22137-080000	WASHER, 8	2	2	2					
19	1	22137-080000	WASHER, 8	2	2	2					
20	1	22242-000250	RING, 25	1	1	1					
21	1	22272-000070	RING, E- 7	1	1	1					
22	1	22351-035040	PIN, SPRING 3.5X40	1	1	1					
23	1	22351-060040	PIN, SPRING 6.0X40	1	1	1					
24	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
25	1	24311-000340	O-RING, 1AP34.0	2	2	2					
26	1	24761-050000	NIPPLE, GREASE C	2	2	2					
27	1	26013-080162	BOLT, M8X 16	2	2	2					
28	1	26013-080202	BOLT, M8X 20	2	2	2					

Remarks
(1)A=REF.NO.14-1 M10 SCREW,
NO.14-2 NO SCREW.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH RE.NO.1-1.

Fig.35. CONTROL EQUIPMENT(TRAVEL LEVER& LINK STAND)

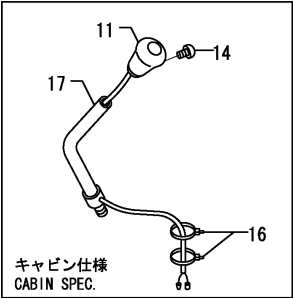


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2	2					
2	1	172469-45100	LEVER, TRACK	1	1	1					
2-1	1	172469-45100-1	LEVER, TRACK	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
3	2	172141-41370	BUSH	2	2	2					
5	1	172469-45140	LEVER, TRACK	1	1	1					
5-1	1	172469-45140-1	LEVER, TRACK	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
6	2	172141-41370	BUSH	2	2	2					
8	1	172187-45870	GRIP, DRIVE	1	1	1					
9	1	172187-45880	GRIP, DRIVE	1	1	1					
10	1	22117-040000	WASHER, 4	2	2	2					
11	1	26116-100404	BOLT, M10X 40 PLATED	2	2	2					
12	1	26116-100604	BOLT, M10X 60 PLATED	2	2	2					
13	1	26587-040122	SCREW, M4X12	2	2	2					
14	1	26716-100002	NUT, M10	4	4	4					
15	1	172472-45661	BRACKET ASSY, TRUCK	1	1	1					
16	1	172124-46200	O-RING	3	3	3					
17	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
18	1	24761-050000	NIPPLE, GREASE C	1	1	1					
19	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
20	1	172458-45401	STAND ASSY, LINK	1	1	1					
20-1	1	172458-45401-1	STAND ASSY, LINK	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
20-2	1	172458-45402-1	STAND ASSY, LINK	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
21	1	172458-45510	BRACKET, BOOM	1	1	1					
21-1	1	172458-45510-1	BRACKET, BOOT	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
22	1	172187-45760	PAD	1	1	1					
23	1	22137-080000	WASHER, 8	2	2	2					
24	1	26013-080162	BOLT, SPRING M8X 16	2	2	2					
25	1	26013-100202	BOLT, SPRING M10X 20	6	6	6					
26	1	172458-45250	ROD ASSY	2	2	2					
27	1	172122-46590	ELBOW	2	2	2					
28	1	22117-080000	WASHER, 8	2	2	2					
29	1	22417-160160	PIN, COTTER 1.6X16	2	2	2					
30	1	26051-080002	NUT, M8	4	4	4					
31	1	933110-54100	PIN	2	2	2					

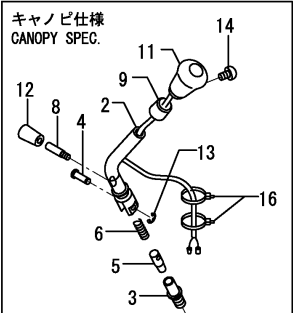
Fig.36. CONTROL EQUIPMENT(OPERATION LEVER)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

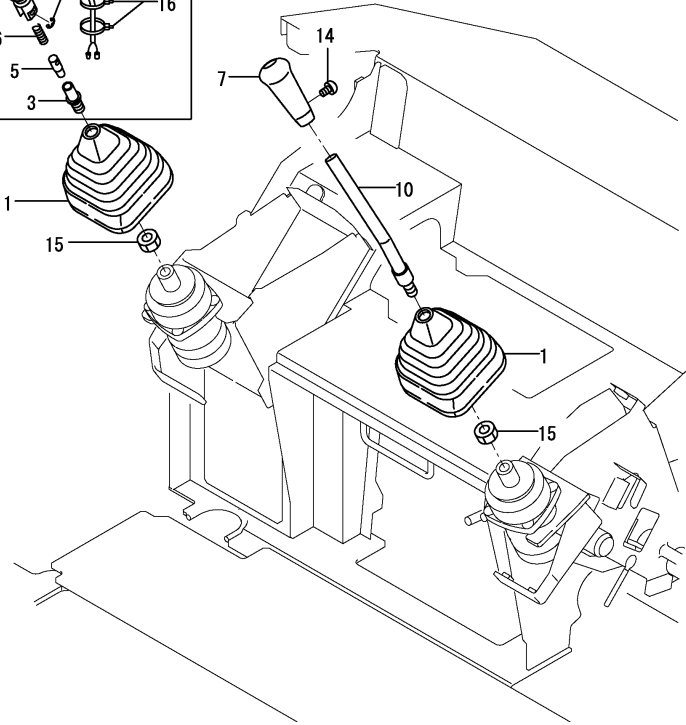
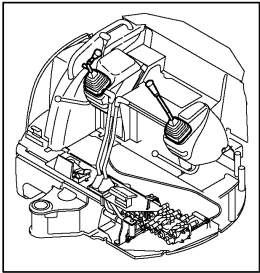
(D)=
(E)=
(F)=



キャビン仕様
CABIN SPEC.



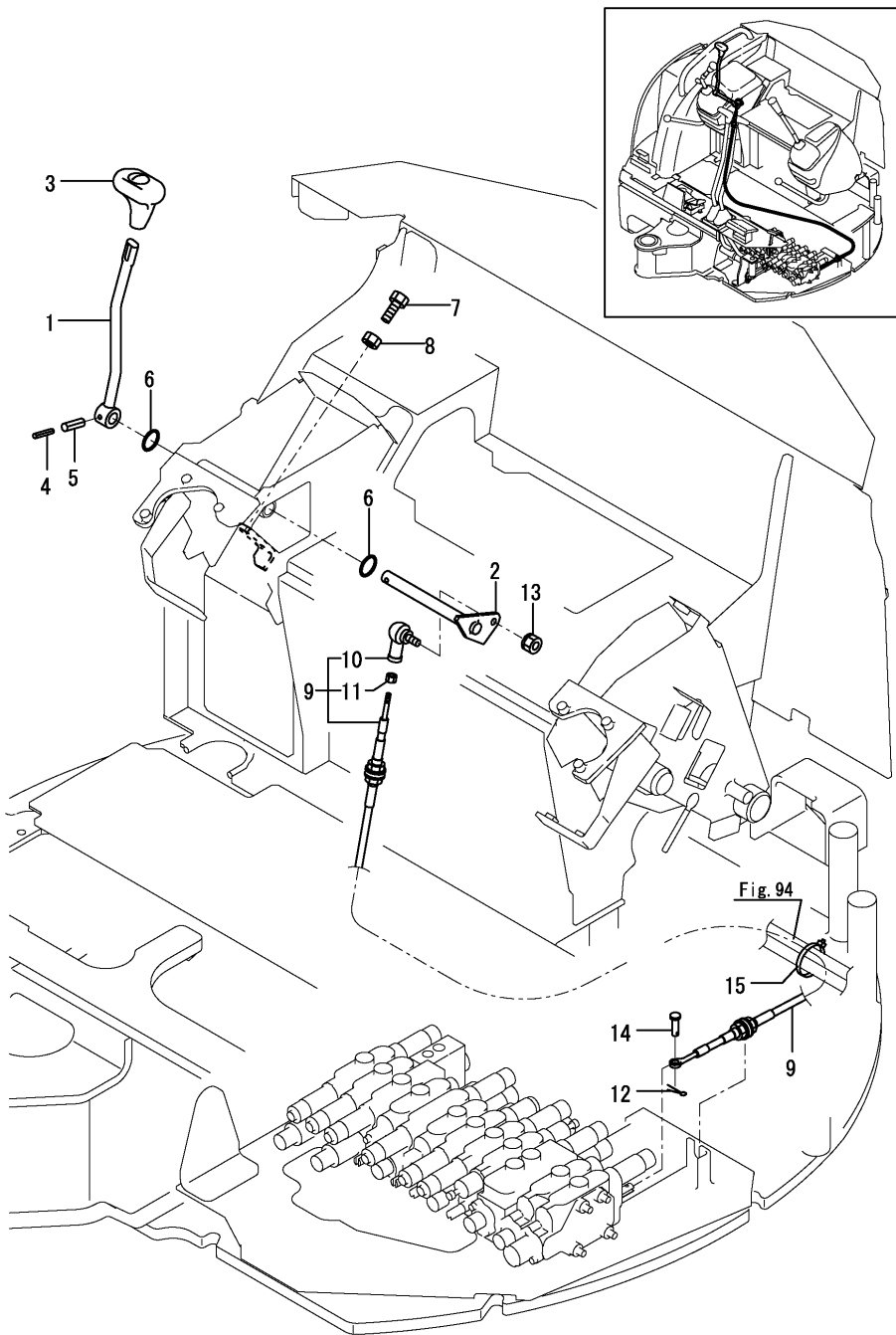
キャノピ仕様
CANOPY SPEC.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-45010	BOOT P,LEVER	2	2	2					
2	1	172456-45010	LEVER		1	1					
2-1	1	172456-45010-1	LEVER		1	1					S
(B=M/#33092) (C=M/#33092)											
3	1	172164-45041	HINGE		1	1					
4	1	172164-45050	PIN 8X 22		1	1					
5	1	172164-45061	PIN		1	1					
6	1	172164-45070	SPRING		1	1					
7	1	172165-45071	KNOB ASSY	1	1	1					
8	1	172164-45080	SCREW, M6		1	1					
9	1	172164-45090	CAP		1	1					
10	1	172165-47851	LEVER	1	1	1					
10-1	1	172165-47851-2	LEVER	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
11	1	172165-47871	KNOB ASSY	1	1	1					1
12	1	172157-58830	KNOB, 6.5X18X35		1	1					
13	1	22272-000060	RING, E- 6		1	1					
14	1	26587-040062	SCREW, M4X 6	2	2	2					
15	1	26776-140002	NUT, LOCK M14	2	2	2					
16	1	933168-55770	BAND 146	2	2	2					
17	1	172165-47821	LEVER	1							
17-1	1	172165-47821-2	LEVER	1							S
(A=M/#33092)											

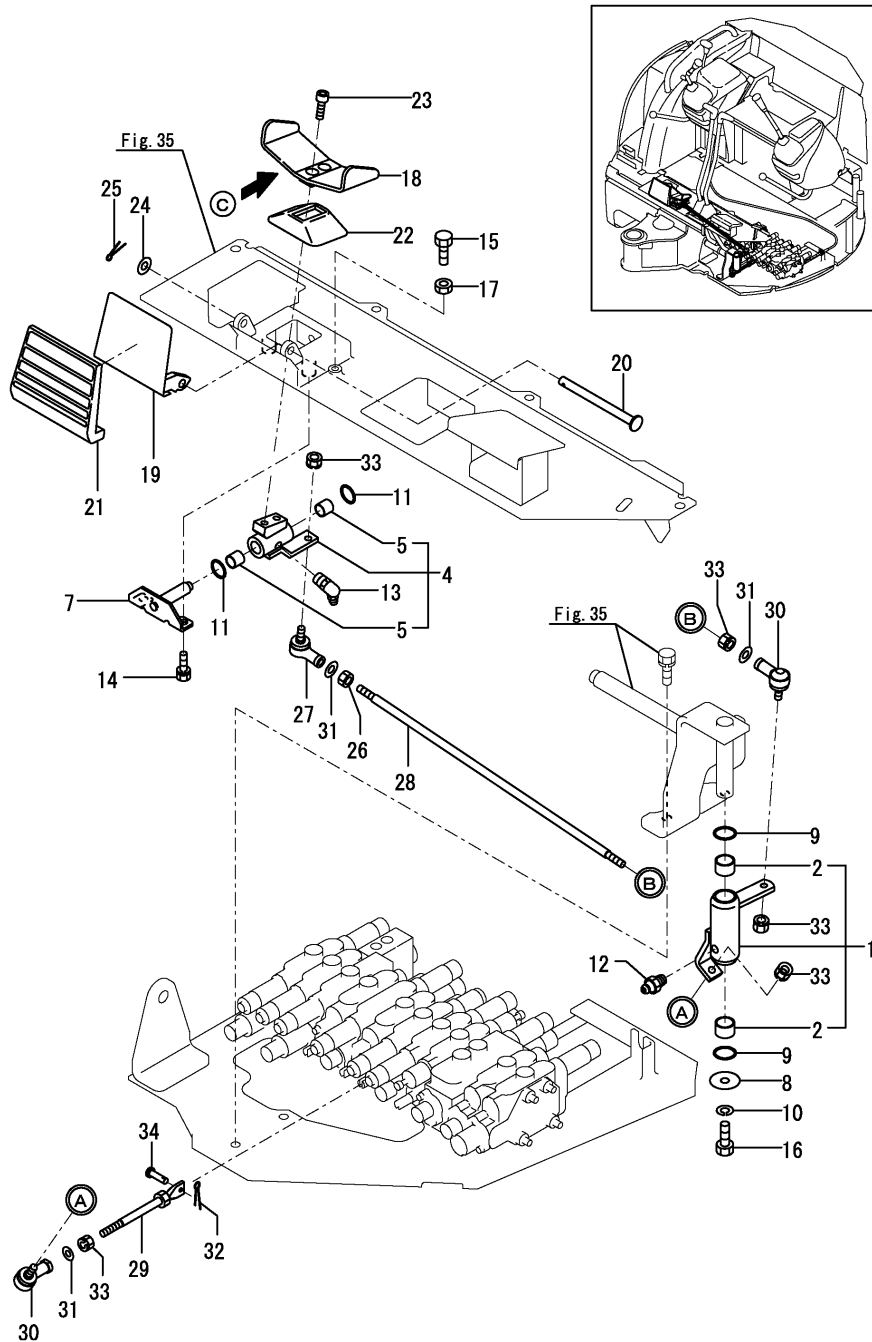
Remarks
(1)A KNOB WITH A BUILT-IN
HORN SWITCH.

Fig.37. CONTROL EQUIPMENT(BLADE LEVER)



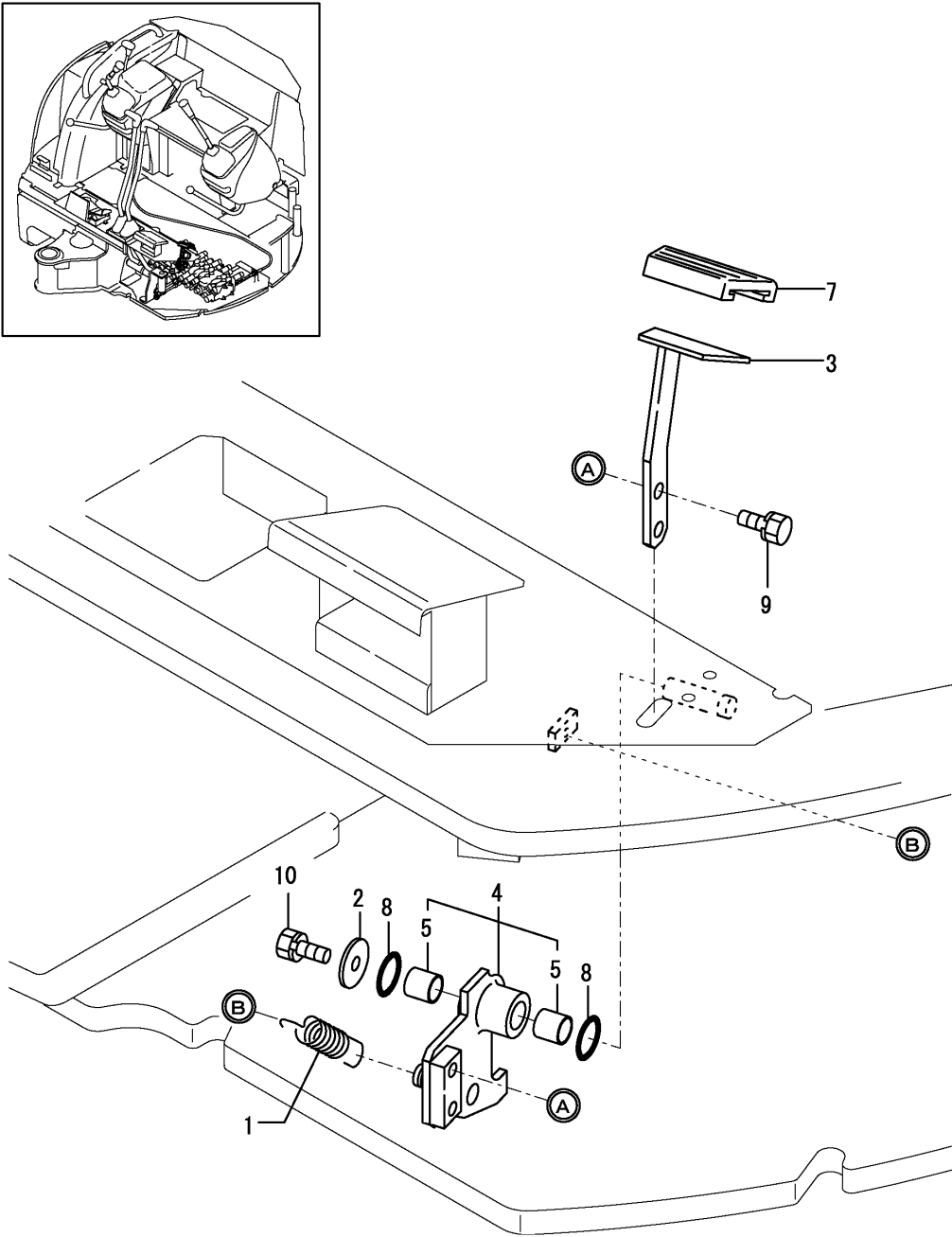
No.	Lev.	Parts No.	Description	Q'ty			I			R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172458-45700	LEVER, BLADE	1	1	1				
1-1	1	172458-45700-1	LEVER, BLADE	1	1	1				S
		(A=M/#33092)	(B=M/#33092)	(C=M/#33092)						
2	1	172458-45720	SHAFT ASSY	1	1	1				
2-1	1	172458-45720-1	SHAFT ASSY	1	1	1				S
		(A=M/#33092)	(B=M/#33092)	(C=M/#33092)						
3	1	172164-45970	GRIP, BLADE	1	1	1				
4	1	22351-030032	PIN, SPRING 3.0X32	1	1	1				
5	1	22351-050032	PIN, SPRING 5.0X32	1	1	1				
6	1	24311-000210	O-RING, 1AP21.0	2	2	2				
7	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2				
8	1	26716-080002	NUT, M8	2	2	2				
9	1	172456-45800	CABLE, BLADE	1	1	1				
10	2	172458-45810	JOINT, BALL	1	1	1				
11	2	26757-050002	NUT, LOCK M5	1	1	1				
12	1	22417-160160	PIN, COTTER 1.6X16	1	1	1				
13	1	26051-080002	NUT, M8	1	1	1				
14	1	933110-54100	PIN 4.75X14	1	1	1				
15	1	933168-55770	BAND 146	1	1	1				

Fig.38. CONTROL EQUIPMENT(SWING PEDAL)



				(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F)	I	R
1	1	172458-45180	LINK, SWING	1	1	1					
1-1	1	172458-45180-1	LINK, SWING	1	1	1					S
		(A=M/#33092)	(B=M/#33092) (C=M/#33092)								
2	2	172141-41370	BUSH 2015	2	2	2					
4	1	172458-45200	LINK, PEDAL	1	1	1					
4-1	1	172458-45200-1	LINK, PEDAL	1	1	1					S
		(A=M/#33092)	(B=M/#33092) (C=M/#33092)								
5	2	172141-41360	BUSH 1415	2	2	2					
7	1	172458-45230	SHAFT, PEDAL	1	1	1					
7-1	1	172458-45230-1	SHAFT, PEDAL	1	1	1					S
		(A=M/#33092)	(B=M/#33092) (C=M/#33092)								
8	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1					
9	1	172124-46200	O-RING	2	2	2					
10	1	22217-100000	WASHER, SPRING 10	1	1	1					
11	1	24311-000210	O-RING, 1AP21.0	2	2	2					
12	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
13	1	24761-040000	NIPPLE, GREASE B	1	1	1					
14	1	26013-080162	BOLT, M8X 16	2	2	2					
15	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2					
16	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1					
17	1	26716-080002	NUT, M8	2	2	2					
18	1	172458-45521	PEDAL, SWING	1	1	1					
18-1	1	172458-45521-1	PEDAL, SWING	1	1	1					S
		(A=M/#33092)	(B=M/#33092) (C=M/#33092)								
19	1	172458-45540	COVER, PEDAL	1	1	1					
19-1	1	172458-45540-1	COVER, PEDAL	1	1	1					S
		(A=M/#33092)	(B=M/#33092) (C=M/#33092)								
20	1	172187-45651	SHAFT	1	1	1					
21	1	172187-45760	COVER PAD	1	1	1					
22	1	172157-45990	BOOTS, PEDAL	1	1	1					
23	1	172165-46340	BOLT	2	2	2					
24	1	22137-100000	WASHER, 10	1	1	1					
25	1	22417-250200	PIN, COTTER 2.5X20	1	1	1					
26	1	194200-37780	NUT, M8	1	1	1					
27	1	172734-41300	JOINT, BALL	1	1	1					
27-1	1	1E6740-64200	BALL BL8DL, LINK	1	1	1					R
		(A=M35718)	(B=M35718) (C=M35718)								
28	1	172456-45160	LOD,SWING	1	1	1					
29	1	172823-45940	ROD 130 COMP.	1	1	1					
30	1	172122-46590	ELBOW	2	2	2					
31	1	22117-080000	WASHER, 8	3	3	3					
32	1	22417-160160	PIN, COTTER 1.6X16	1	1	1					
33	1	26051-080002	NUT, M8	5	5	5					
34	1	933110-54100	PIN 4.75X14	1	1	1					

Fig.39. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

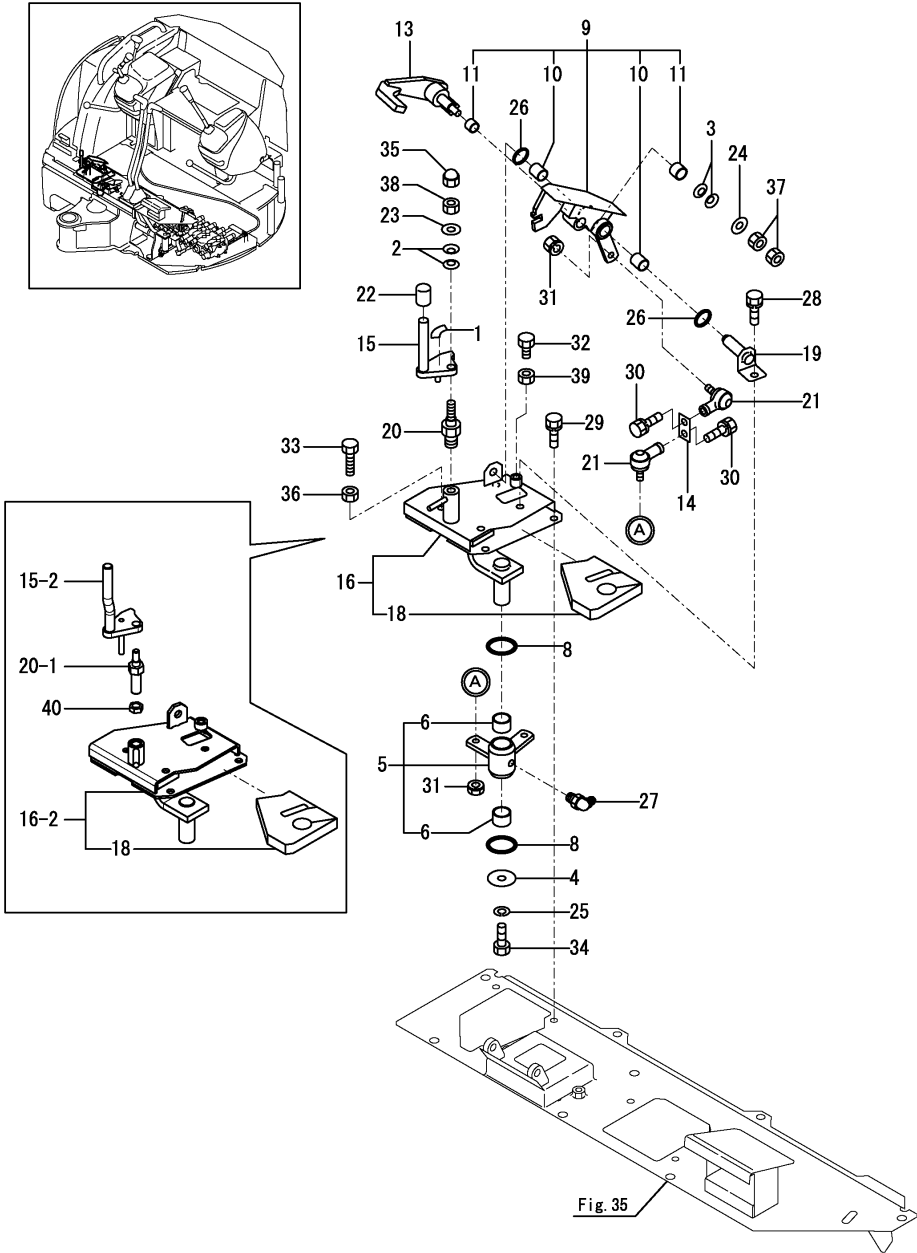


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1	1	1					
2	1	1A1040-43900	WASHER, SPRING	1	1	1					
3	1	172487-45900	PEDAL, LOW-HIGH	1	1	1					
3-1	1	172487-45900-1	PEDAL, LOW-HIGH (A=M/#33092) (B=M/#33092) (C=M/#33092)	1	1	1					S
4	1	172458-45920	BRACKET, PEDAL	1	1	1					
4-1	1	172458-45920-1	BRACKET, PEDAL (A=M/#33092) (B=M/#33092) (C=M/#33092)	1	1	1					S
5	2	172141-41360	BUSH 1415	2	2	2					
7	1	172458-45950	PAD,PEDAL	1	1	1					
8	1	24311-000210	O-RING, 1AP21.0	2	2	2					
9	1	26013-080162	BOLT, M8X 16	2	2	2					
10	1	26013-080202	BOLT, M8X 20	1	1	1					

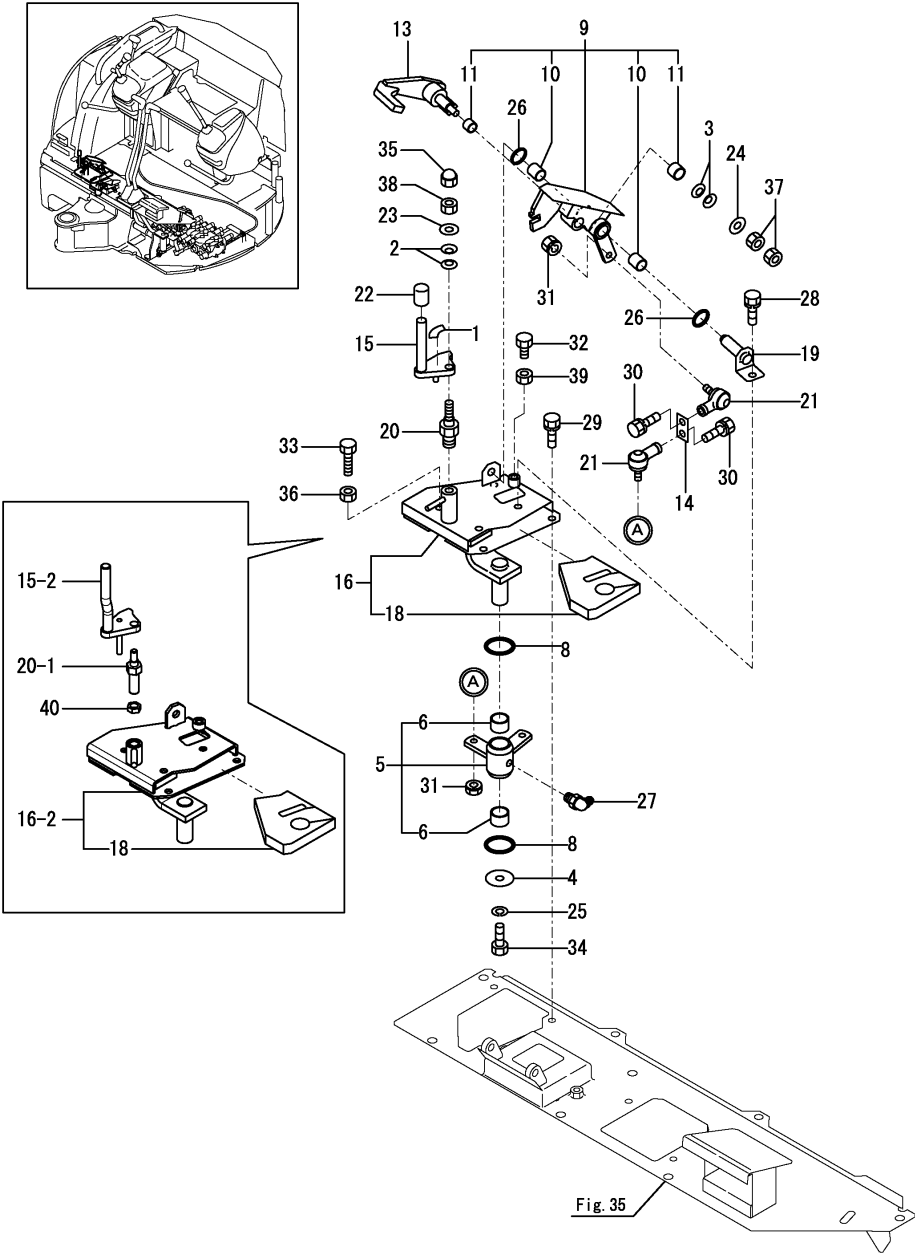
Fig.40. CONTROL EQUIPMENT(P.T.O.PEDAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-03240	LABEL, LOCK	1	1	1					
2	1	172068-28490	SPRING	2	2	2					
3	1	172068-28490	SPRING	2	2	2					
4	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1					
5	1	172458-46121	LINK ASSY, PTO	1	1	1					
5-1	1	172458-46121-1	LINK ASSY, PTO	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
6	2	172141-41370	BUSH	2	2	2					
8	1	172124-46200	O-RING	2	2	2					
9	1	172458-46230	PEDAL	1	1	1					
9-1	1	172458-46230-1	PEDAL	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
10	2	172141-41360	BUSH	2	2	2					
11	2	172110-45050	BUSH	2	2	2					
13	1	172458-46280	PEDAL	1	1	1					
13-1	1	172458-46280-1	PEDAL	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
14	1	172458-46290	PLATE	1	1	1					
15	1	172458-46350	PLATE, LOCK	1	1	1					
15-1	1	172458-46350-1	PLATE, LOCK	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
15-2	1	172B16-46780	PLATE ASSY, LOCK	1	1	1					S
(A=M3B308) (B=M3B308) (C=M3B308)											
16	1	172458-46371	BASE, PEDAL	1	1	1					
16-1	1	172458-46371-1	BASE, PEDAL	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
16-2	1	172B16-46600	PEDAL ASSY, BASE	1	1	1					S
(A=M3B308) (B=M3B308) (C=M3B308)											
18	2	172458-46380	RUBBER	1	1	1					
19	1	172187-46400-4	BRACKET ASSY	1	1	1					
19-1	1	172187-46400-1	BRACKET ASSY	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
20	1	172187-46430	SHAFT	1	1	1					
20-1	1	172B16-46770	SHAFT	1	1	1					S
(A=M3B308) (B=M3B308) (C=M3B308)											
21	1	172122-46590	ELBOW	2	2	2					
22	1	172116-46630	KNOB, LEVER	1	1	1					
23	1	22137-080000	WASHER, 8	1	1	1					
24	1	22137-080000	WASHER, 8	1	1	1					
25	1	22217-100000	WASHER, SPRING 10	1	1	1					
26	1	24311-000210	O-RING, 1AP21.0	2	2	2					
27	1	24761-050000	NIPPLE, GREASE C	1	1	1					
28	1	26013-080162	BOLT, SPRING M8X 16	1	1	1					
29	1	26013-080162	BOLT, SPRING M8X 16	3	3	3					
30	1	26013-080252	BOLT, SPRING M8X 25	2	2	2					
31	1	26051-080002	NUT, M8	2	2	2					
32	1	26116-080254	BOLT, M8X 25 PLATED	1	1	1					
33	1	26116-080304	BOLT, M8X 30 PLATED	1	1	1					
34	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1					
35	1	26658-080002	NUT, CAP M8	1	1	1					
35-1	1	26657-080002	NUT, CAP M8	1	1	1					R

Remarks
* P.T.O. kit is shown in Fig.154.

Fig.40. CONTROL EQUIPMENT(P.T.O.PEDAL)



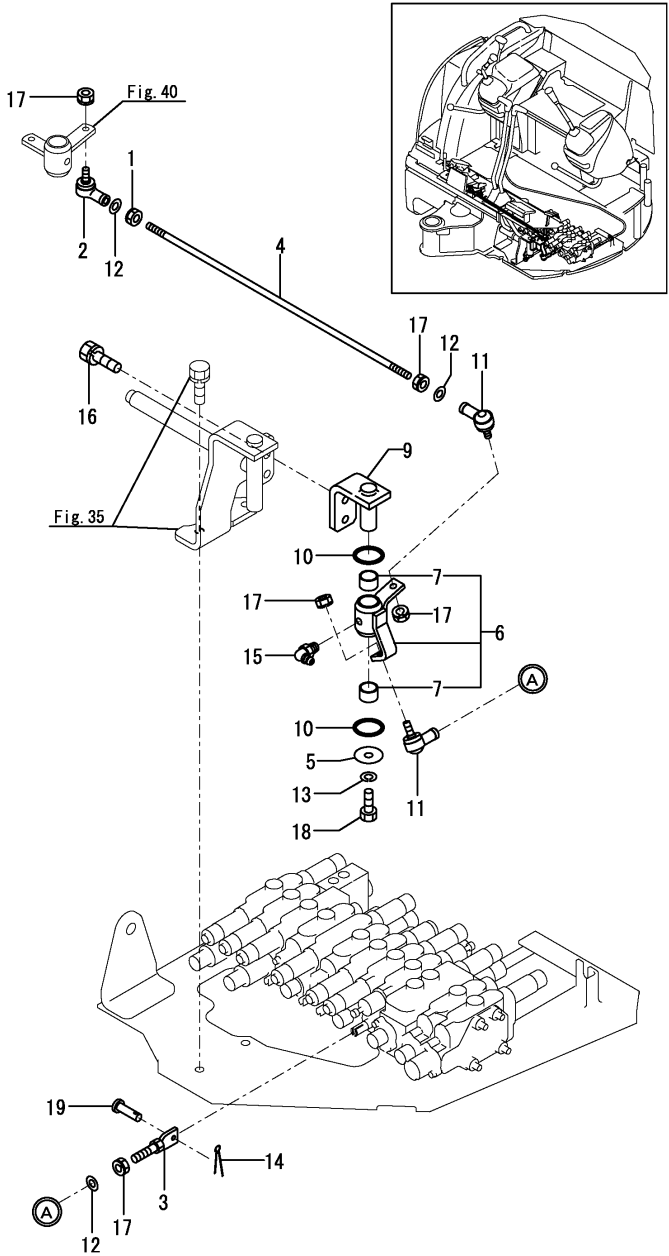
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=*2015.10.)	(B=*2015.10.)	(C=*2015.10.)							
36	1	26716-080002	NUT, M8	1	1	1					
37	1	26756-080002	NUT, LOCK M8	2	2	2					
38	1	26756-080002	NUT, LOCK M8	1	1	1					
39	1	26756-080002	NUT, LOCK M8	1	1	1					
40	1	26716-120002	NUT, M12	1	1	1					W
		(A=M3B308)	(B=M3B308)	(C=M3B308)							

Remarks
* P.T.O. kit is shown in Fig.154.

Fig.41. CONTROL EQUIPMENT(P.T.O.LINK)



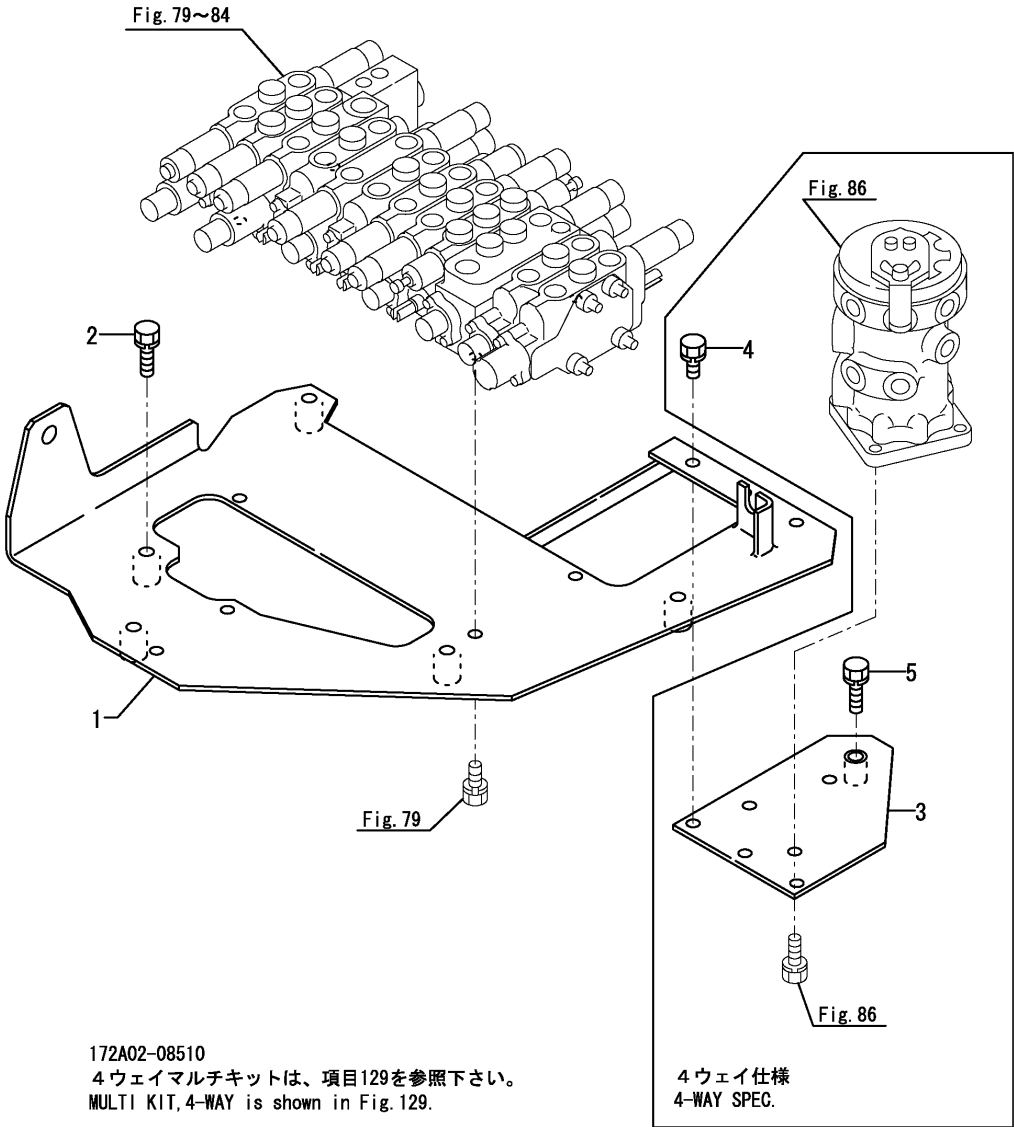
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194200-37780	NUT, M8	1	1	1					
2	1	172734-41300	JOINT, BALL	1	1	1					
2-1	1	1E6740-64200	BALL, LINK	1	1	1					R
(A=M35718) (B=M35718) (C=M35718)											
3	1	172823-45000	ROD, SPOOL	1	1	1					
4	1	172456-45170	ROD, P.T.O.	1	1	1					
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1					
6	1	172458-46100	LINK ASSY, PTO	1	1	1					
6-1	1	172458-46100-1	LINK ASSY, PTO	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
7	2	172141-41370	BUSH	2	2	2					
9	1	172458-46150	BRACKET, PTO	1	1	1					
9-1	1	172458-46150-1	BRACKET, PTO	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
10	1	172124-46200	O-RING	2	2	2					
11	1	172122-46590	ELBOW	2	2	2					
12	1	22117-080000	WASHER, 8	3	3	3					
13	1	22217-100000	WASHER, SPRING 10	1	1	1					
14	1	22417-160160	PIN, COTTER 1.6X16	1	1	1					
15	1	24761-050000	NIPPLE, GREASE C	1	1	1					
16	1	26013-100202	BOLT, M10X 20	2	2	2					
17	1	26051-080002	NUT, M8	5	5	5					
18	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1					
19	1	933110-54100	PIN	1	1	1					

Remarks
* P.T.O. kit is shown in Fig.154.

Fig.42. CONTROL VALVE PLATE(TO M37000)

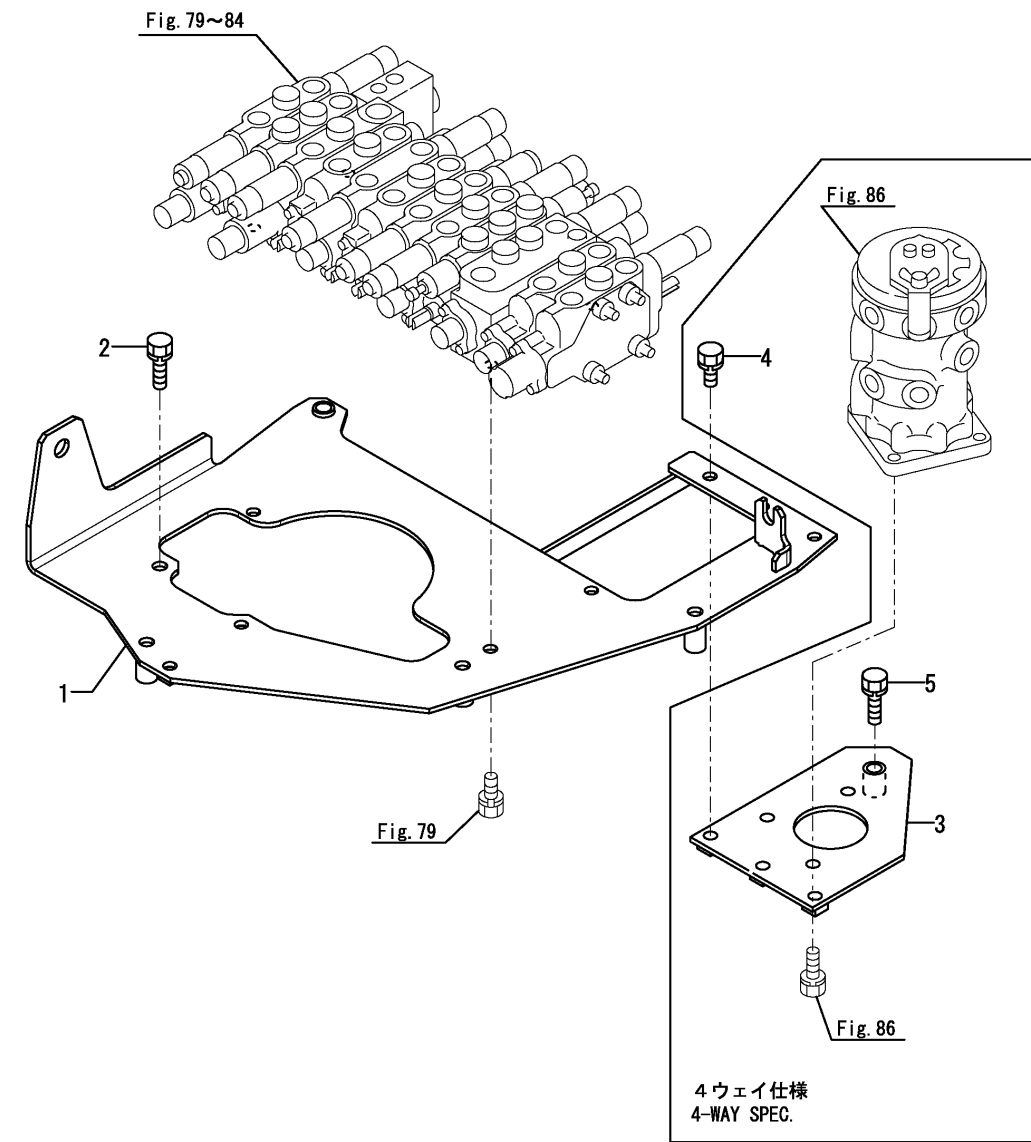


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172487-45600	PLATE, VALVE	1	1	1					
1-1	1	172487-45600-1	PLATE, VALVE	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
2	1	26013-100402	BOLT, M10X 40	5	5	5					
3	1	172487-74200	BRACKET,MULTI	1	1						
4	1	26013-100202	BOLT, M10X 20	3	3						
5	1	26013-100352	BOLT, M10X 35	1	1						

Fig.123. (42A)CONTROL VALVE PLATE(FROM M37001)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

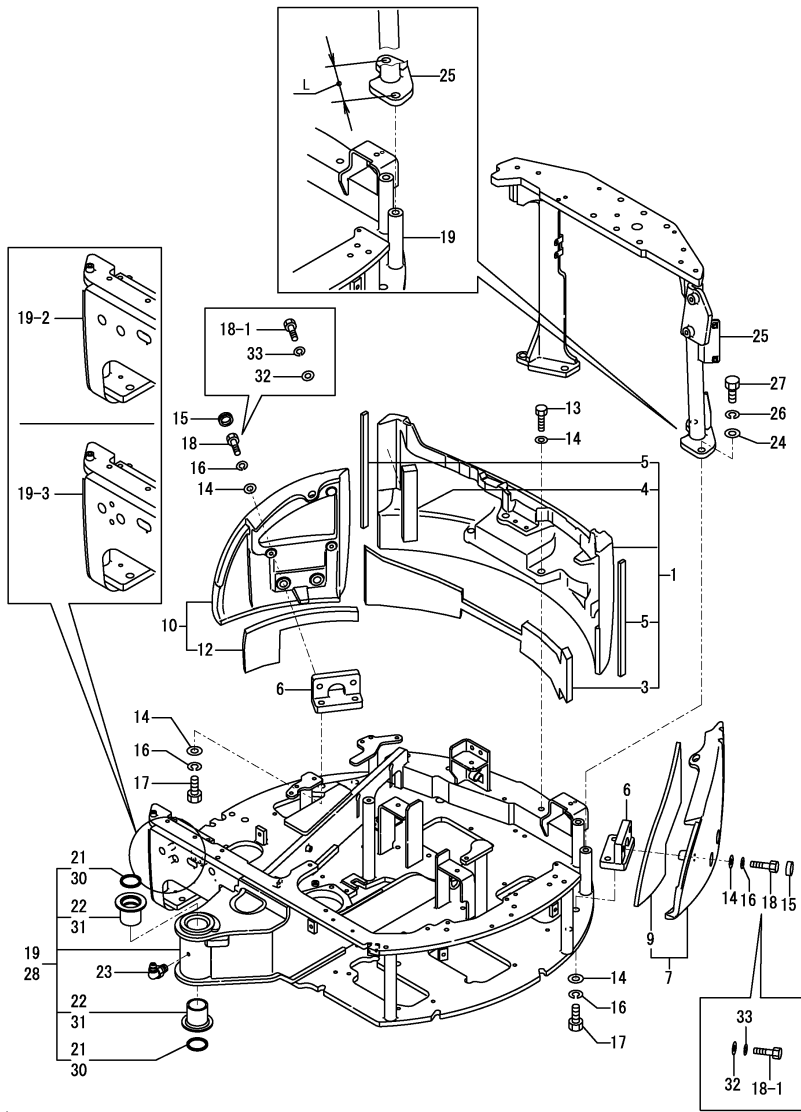
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-45600	PLATE ASSY,VALVE	1	1						
2	1	26013-100452	BOLT, M10X 45	5	5						
3	1	172A23-74200	BRACKET ASSY,MULTI	1	1						
4	1	26013-100202	BOLT, M10X 20	3	3						
5	1	26013-100452	BOLT, M10X 45	1	1						

Fig.43. TURNING FRAME(TO M37000)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



Remarks
(1)CRANE SPEC.
(2)TURNING FRAME OF STD.SPEC. AND
CRANE SPEC. BECOME SHARE
REF.NO.19-1 L=143.45MM,
NO.19-2 L=135.23MM.
(3)REF.NO.25-1 L=143.45MM,
NO.25-2 L=135.23MM.

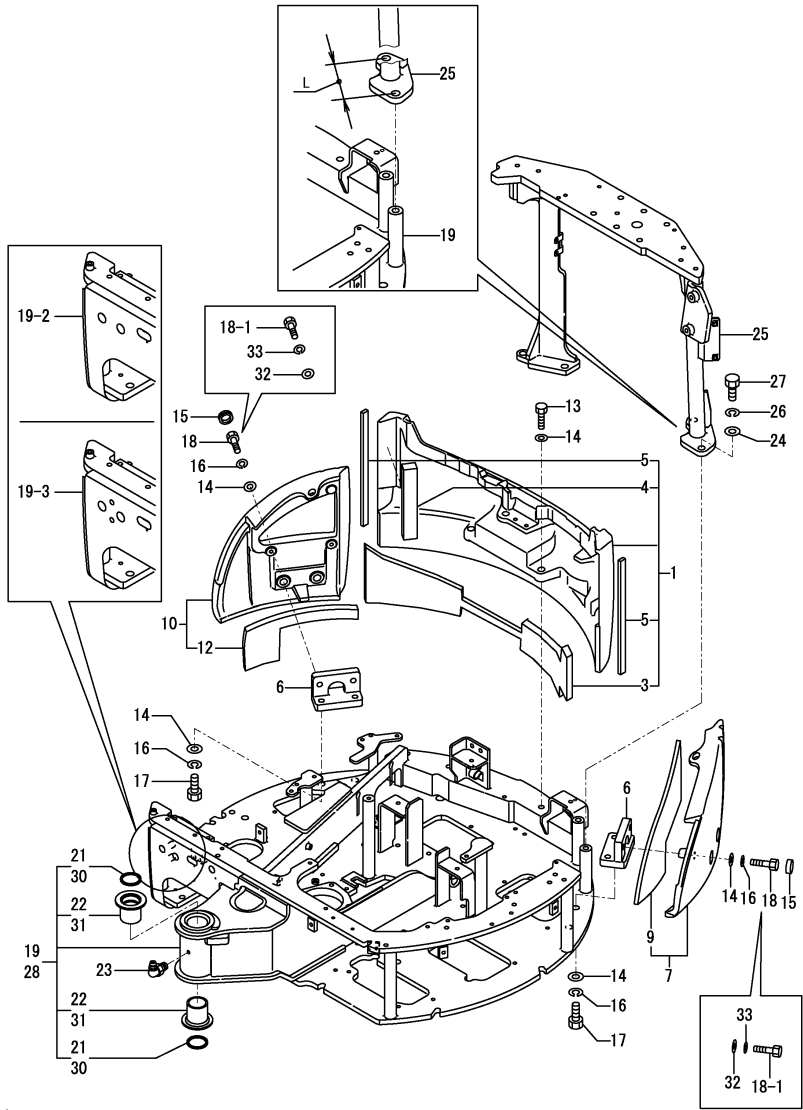
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172487-53300	WEIGHT, COUNTER	1	1	1					
1-1	1	172487-53300-2	WEIGHT, COUNTER	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
3	2	172487-53320	SEAL A	1	1	1					
4	2	172487-53330	SEAL	1	1	1					
5	2	172458-53370	SEAL, COUNTER	2	2	2					
6	1	172458-53330	BRACKET ASSY	2	2	2					
7	1	172487-53350	WEIGHT	1	1	1					
7-1	1	172487-53350-2	WEIGHT	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
9	2	172487-53370	SEAL C	1	1	1					
10	1	172487-53400	WEIGHT ASSY	1	1	1					
10-1	1	172487-53400-2	WEIGHT ASSY	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
12	2	172487-53420	SEAL D	1	1	1					
13	1	172165-53480	BOLT	2	2	2					
14	1	172165-53500	WASHER	10	10	10					
14-1	1	172165-53500	WASHER	6	6	6				K	
(A=*2014.10) (B=*2014.10) (C=*2014.10)											
15	1	172456-53700	GROMMET	4	4					Z	
(A=*2014.10) (B=*2014.10)											
16	1	22217-160000	WASHER, SPRING 16	8	8	8					
16-1	1	22217-160000	WASHER, SPRING 16	4	4	4				K	
(A=*2014.10) (B=*2014.10) (C=*2014.10)											
17	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4					
18	1	26116-160652	BOLT, M16X 65 PLATED	4	4	4					
18-1	1	172A23-53250	BOLT, M16X65	4	4	4				N	
(A=*2014.10) (B=*2014.10) (C=*2014.10)											
19	1	172A23-54100	FRAME ASSY, TURNING	1	1	1					
19-1	1	172A23-54100-2	FRAME ASSY, TURNING	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
19-2	1	172A23-54101	FRAME ASSY,TURNING	1	1	1				S	2
(A=M36240) (B=M36240) (C=M36240)											
19-3	1	172A23-54102	FRAME ASSY,TURNING	1	1	1				S	
(A=M37001) (B=M37001) (C=M37001)											
19-4	1	172A23-54103	FRAME ASSY,TURNING	1	1	1				N	
(A=M45019) (B=M45019) (C=M45019)											
21	2	172448-54120	SEAL, DUST	2	2	2					
22	2	172171-54750	BUSH 50X65	2	2	2					
23	1	24761-040000	NIPPLE, GREASE B	1	1	1					
24	1	172165-53500	WASHER	4	4	4					
25	1	172A23-67210	MOUNT, CANOPY	1	1	1					
25-1	1	172A23-67210-1	MOUNT, CANOPY	1	1	1				S	
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
25-2	1	172A23-67211-1	MOUNT,CANOPY (49)	1	1	1				S	3
(A=M36240) (B=M36240) (C=M36240)											
26	1	22217-160000	WASHER, SPRING 16	4	4	4					
27	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4					
28	1	172A23-54080	FRAME ASSY, TURNING		1						1
28-1	1	172A23-54080-1	FRAME ASSY, TURNING		1					S	1
(B=M/#33092)											

Fig.43. TURNING FRAME(TO M37000)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

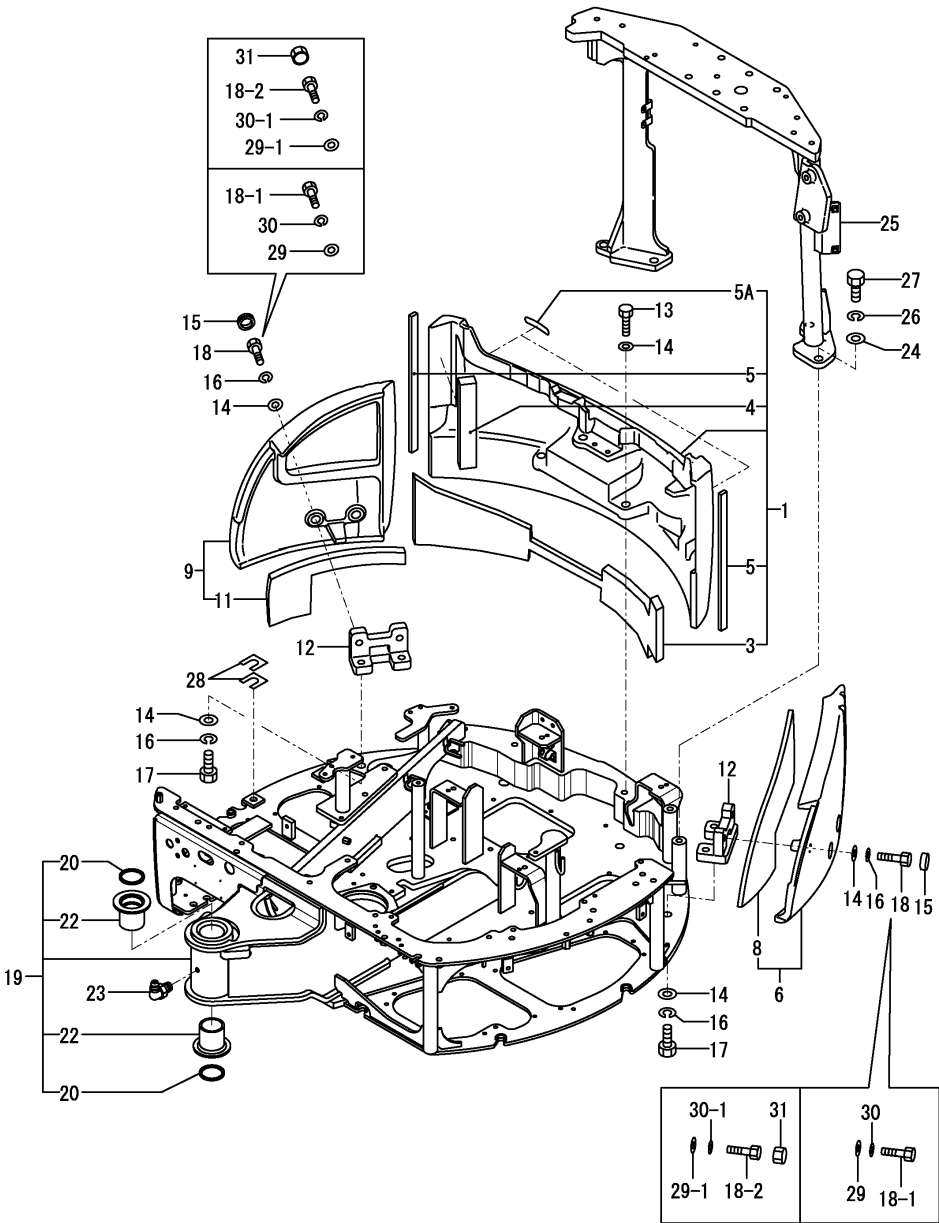
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28-2	1	172A23-54080-1	FRAME ASSY, TURNING (B=M36239)		1					Z	2
30	2	172448-54120	SEAL, DUST		2						1
31	2	172171-54750	BUSH 50X65		2						1
32	1	172A23-53260	WASHER, 16.5X35 (A=*2014.10) (B=*2014.10) (C=*2014.10)	4	4	4				W	
33	1	172A23-53270	WASHER, SPRING (A=*2014.10) (B=*2014.10) (C=*2014.10)	4	4	4				W	



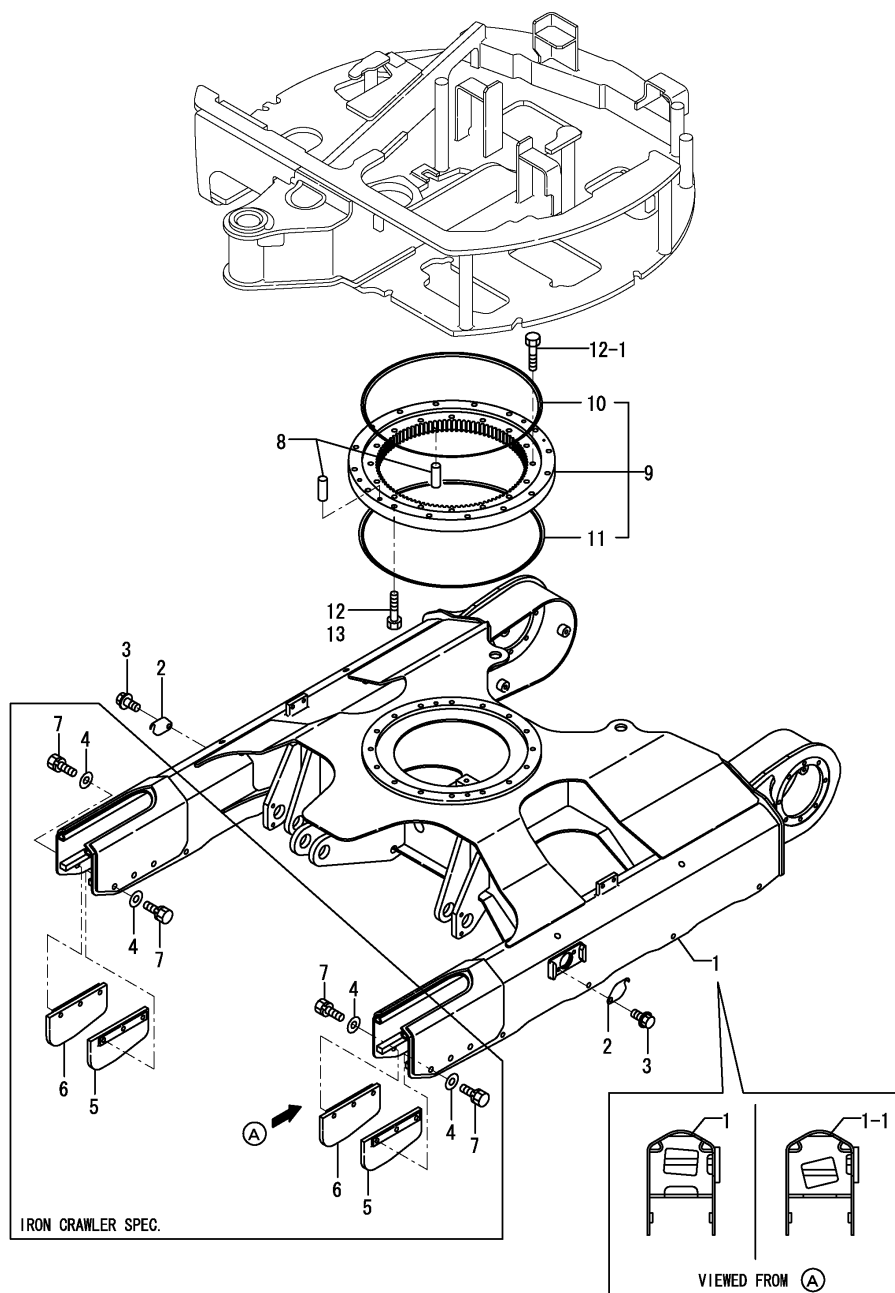
Remarks
(1)CRANE SPEC.
(2)TURNING FRAME OF STD.SPEC. AND
CRANE SPEC. BECOME SHARE
REF.NO.19-1 L=143.45MM,
NO.19-2 L=135.23MM.
(3)REF.NO.25-1 L=143.45MM,
NO.25-2 L=135.23MM.

Fig.124. (43A)TURNING FRAME(FROM M37001)



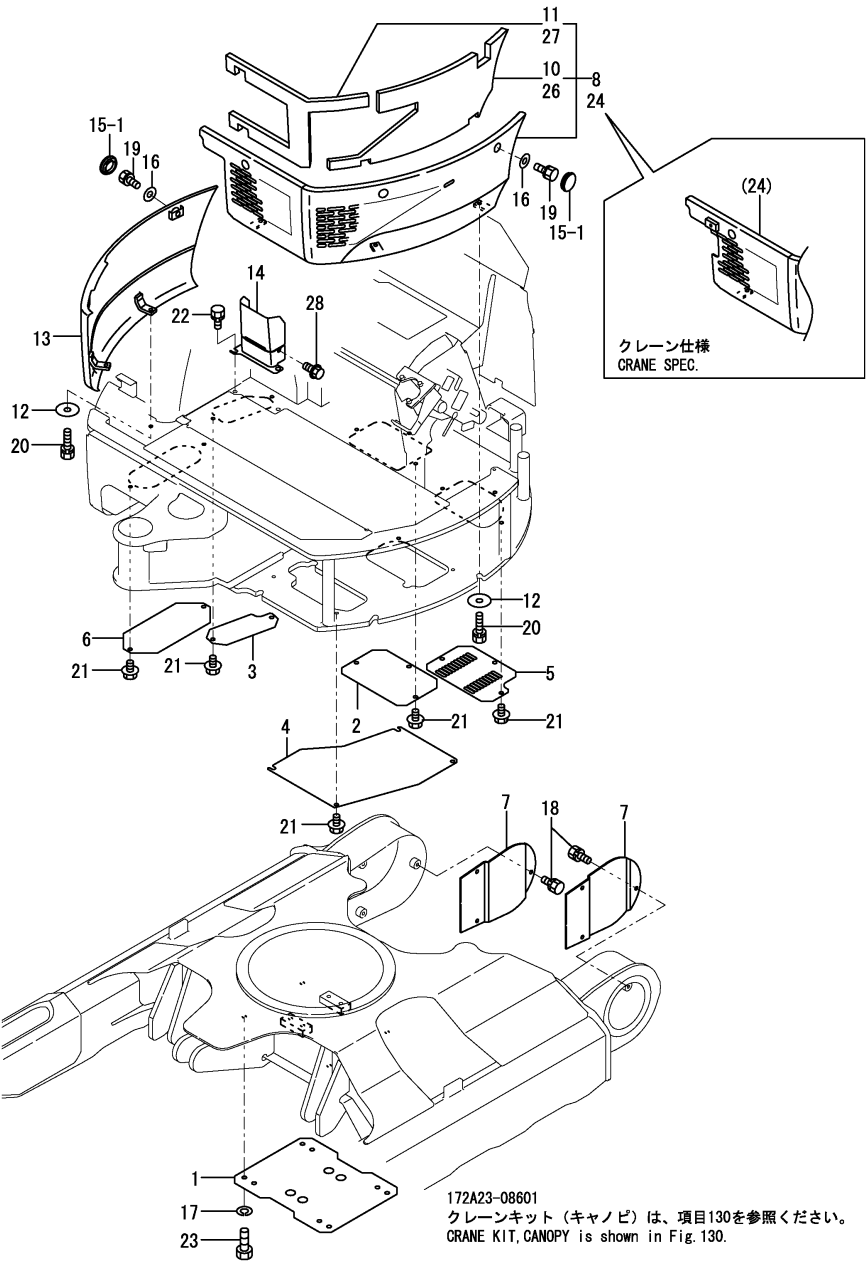
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-53300	WEIGHT ASSY, COUNTER	1	1						
1-1	1	172A23-53301	WEIGHT ASSY,COUNT D	1	1						S
		(A=M3F001) (B=M3F001)									
3	2	172487-53320	SEAL A	1	1						
4	2	172487-53330	SEAL	1	1						
5	2	172458-53370	SEAL, COUNTER	2	2						
5A	2	172B04-03980	LABEL, REFLECTOR M	1	1						W
		(A=M3F001) (B=M3F001)									
6	1	172A23-53320	WEIGHT ASSY	1	1						
8	2	172487-53370	SEAL C	1	1						
9	1	172A23-53340	WEIGHT ASSY	1	1						
11	2	172487-53420	SEAL D	1	1						
12	1	172A23-53400	BRACKET, FRONT	2	2						
13	1	172165-53480	BOLT	2	2						
14	1	172165-53500	WASHER	10	10						
14-1	1	172165-53500	WASHER	6	6						K
		(A=M46206) (B=M46206)									
15	1	172456-53700	GROMMET	4	4						Z
		(A=M46206) (B=M46206)									
16	1	22217-160000	WASHER, SPRING 16	8	8						
16-1	1	22217-160000	WASHER, SPRING 16	4	4						K
		(A=M46206) (B=M46206)									
17	1	26116-160452	BOLT, M16X 45 PLATED	4	4						
18	1	26116-160652	BOLT, M16X 65 PLATED	4	4						
18-1	1	172A23-53250	BOLT, M16X65	4	4						N
		(A=M46206) (B=M46206)									
18-2	1	26116-160652	BOLT, M16X 65 PLATED	4	4						S
		(A=*2014.12) (B=*2014.12)									
19	1	172A23-54640	FRAME ASSY,TURNING	1	1						
20	2	172448-54120	SEAL, DUST	2	2						
22	2	172171-54750	BUSH 50X65	2	2						
23	1	24761-040000	NIPPLE, GREASE B	1	1						
24	1	172165-53500	WASHER	4	4						
25	1	172A23-67211-1	MOUNT,CANOPY (49)	1	1						
26	1	22217-160000	WASHER, SPRING 16	4	4						
27	1	26116-160452	BOLT, M16X 45 PLATED	4	4						
28	1	172117-53340	SPACER, M20X2.3	2	2						W
		(A=M3A444) (B=M3A444)									
29	1	172A23-53260	WASHER, 16.5X35	4	4						W
		(A=M46206) (B=M46206)									
29-1	1	172165-53500	WASHER	4	4						S
		(A=*2014.12) (B=*2014.12)									
30	1	172A23-53270	WASHER, SPRING	4	4						W
		(A=M46206) (B=M46206)									
30-1	1	22217-160000	WASHER, SPRING 16	4	4						S
		(A=*2014.12) (B=*2014.12)									
31	1	172A23-53280	CAP,M16	4	4						W
		(A=*2014.12) (B=*2014.12)									

Fig.44. TRACK FRAME & TURNING BEARING



No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	172456-50102	FRAME ASSY, LOWER	1	1	1		
1-1	1	172456-50103	FRAME ASSY, LOWER	1	1	1	S	
		(A=M/#32563)	(B=M/#32563) (C=M/#32563)					
1-2	1	172456-50103-1	FRAME ASSY, LOWER	1	1	1	S	
		(A=M/#33092)	(B=M/#33092) (C=M33902)					
1-3	1	172456-50104-1	FRAME ASSY,LOWER(49)	1	1	1	N	
		(A=M34222)	(B=M34222) (C=M34222)					
1-4	1	172456-50105	FRAME ASSY,LOWER	1	1	1	N	
		(A=M37001)	(B=M37001) (C=M37001)					
2	1	172458-50480	COVER, FRAME	2	2	2		
2-1	1	172458-50480-2	COVER, FRAME	2	2	2	S	
		(A=M/#33092)	(B=M/#33092) (C=M33902)					
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4		
4	1	172730-05250	WASHER	12	12	12		
5	1	172456-50800	GUARD, SHOE	2	2	2		
5-1	1	172456-50800-2	GUARD, SHOE	2	2	2	S	
		(A=M/#33092)	(B=M/#33092) (C=M33902)					
6	1	172456-50830	GUARD, SHOE	2	2	2		
6-1	1	172456-50830-2	GUARD, SHOE	2	2	2	S	
		(A=M/#33092)	(B=M/#33092) (C=M33902)					
7	1	26013-120352	BOLT, M12X 35	12	12	12		
8	1	194940-24350	PIN, 10X28	3	3	3		
9	1	172456-57600	BEARING,TURNING	1	1	1		
10	2	172183-57620	SEAL, TURNING	1	1	1		
11	2	172183-57630	SEAL, TURNING	1	1	1		
12	1	172141-57650	BOLT M12X 55 PLATED	32	32	32		
12-1	1	172141-57650	BOLT M12X 55 PLATED	16	16	16	K	
		(A=M36027)	(B=M36027) (C=M36027)					
13	1	172A23-57650	BOLT 10.9 12X55	16	16	16	W	
		(A=M36027)	(B=M36027) (C=M36027)					

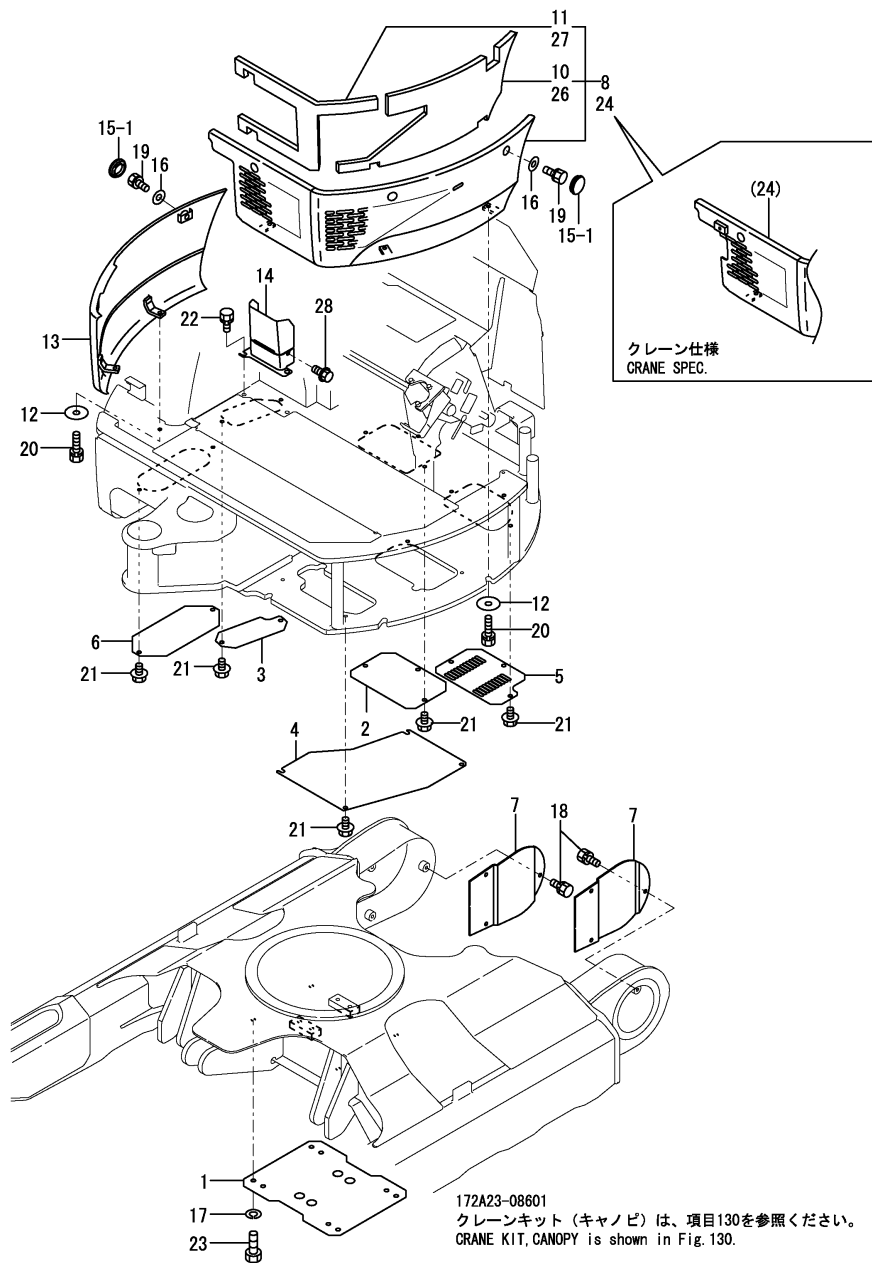
Fig.45. COVER(FRAME)(TO M37000)



Remarks
(1)CRANE SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-50762-1	COVER	1	1	1					
1-1	1	172141-50762-3	COVER	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
1-2	1	172141-50763-1	COVER	1	1	1				N	
		(A=M37001) (B=M37001) (C=M37001)									
2	1	172456-61100	COVER	1	1	1					
2-1	1	172456-61100-2	COVER	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
3	1	172456-61110	COVER	1	1	1					
3-1	1	172456-61110-2	COVER	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
4	1	172458-61110	COVER, VALVE	1	1	1					
4-1	1	172458-61110-2	COVER, VALVE	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
5	1	172456-61130	PLATE, PUMP	1	1	1					
5-1	1	172456-61130-2	PLATE, PUMP	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
6	1	172458-61150	COVER, FUEL	1	1	1					
6-1	1	172458-61150-3	COVER, FUEL	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
7	1	172173-61190-1	COVER, TRAVEL	2	2	2					
7-1	1	172173-61190-3	COVER, TRAVEL	2	2	2				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
7-2	1	172173-61191-1	COVER, TRAVEL	2	2	2				N	
		(A=M37001) (B=M37001) (C=M37001)									
8	1	172A23-61200	COVER, FRAME	1	1	1					
8-1	1	172A23-61200-2	COVER, FRAME	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
10	2	172487-61240	SEAL, COVER	1	1	1					
11	2	172456-61310	SPONGE	1	1	1					
12	1	172458-61261	WASHER	5	5	5					
13	1	172456-61270	COVER, FRAME	1	1	1					
13-1	1	172456-61270-2	COVER, FRAME	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
14	1	172A23-61410	PLATE ASSY	1	1	1					
14-1	1	172A23-61410-1	PLATE ASSY	1	1	1				S	
		(A=M/#33092) (B=M/#33092) (C=M/#33092)									
15-1	1	172A21-61600	PLUG 28X3.2	5	5	5					
16	1	22137-100000	WASHER, 10	5	5	5					
17	1	22217-120000	WASHER, SPRING 12	4	4	4					
18	1	26013-100202	BOLT, M10X 20	6	6	6					
19	1	26013-100202	BOLT, M10X 20	5	5	5					
20	1	26013-100352	BOLT, M10X 35	5	5	5					
21	1	26106-100162	BOLT, M10X 16 PLATED	14	14	14					
22	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2					
22-1	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2				N	
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
23	1	26116-120252	BOLT, M12X 25 PLATED	4	4	4					
24	1	172A23-61230	COVER ASSY, FRAME		1						1
26	2	172487-61240	SEAL, COVER		1						1
27	2	172456-61310	SPONGE		1						1

Fig.45. COVER(FRAME)(TO M37000)



Remarks
(1)CRANE SPEC.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

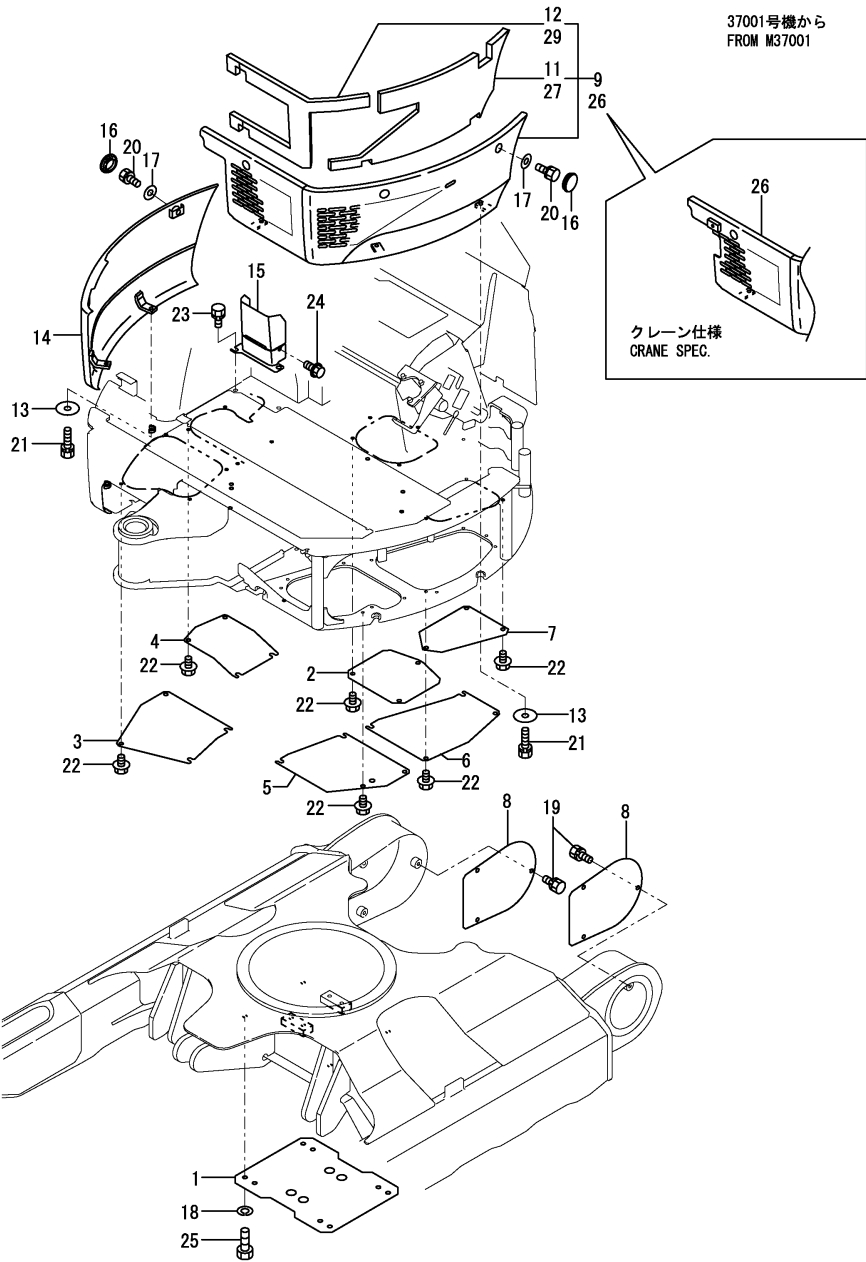
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28	1	26106-100162	BOLT, M10X 16 PLATED	1	1	1					W
	(A=MXXXXXX)	(B=MXXXXXX)	(C=MXXXXXX)								

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

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Fig.125. (45A)COVER(FRAME)(FROM M37001)



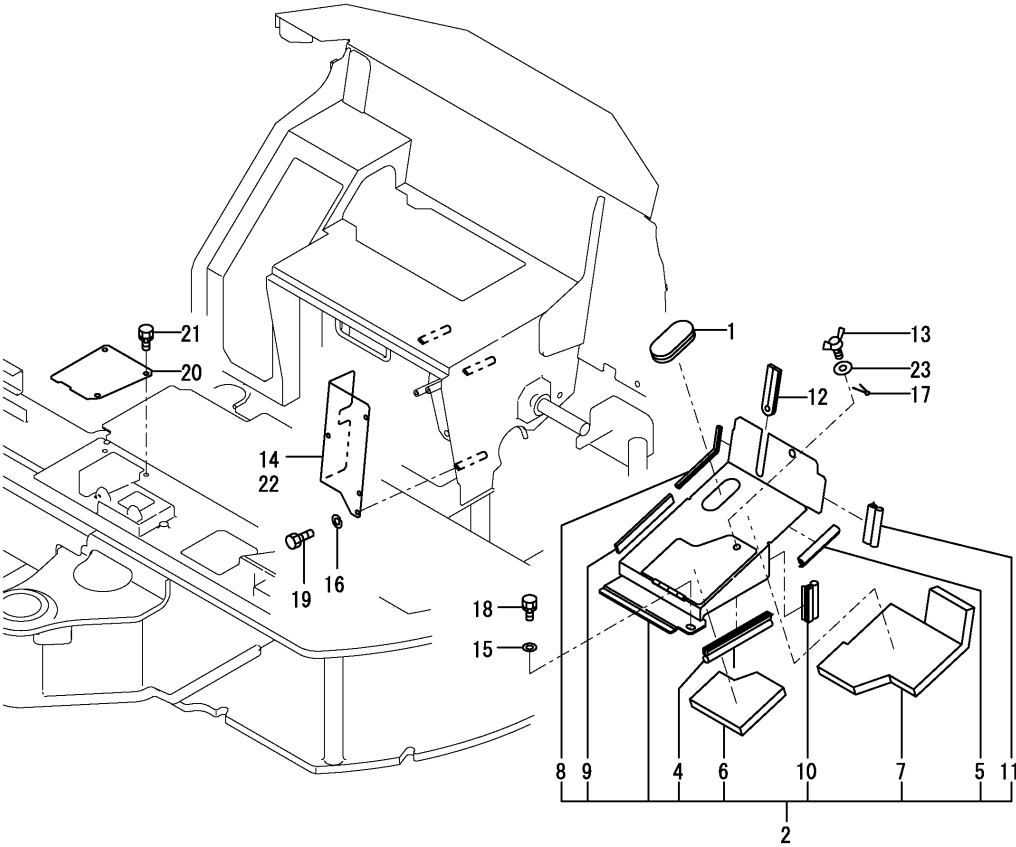
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-50763-1	COVER	1	1						
2	1	172A23-61100	COVER, OIL SUMP	1	1						
3	1	172A23-61110	COVER, FUEL	1	1						
4	1	172A23-61120	COVER, RESERVOIR	1	1						
5	1	172A23-61130	COVER, VALVE	1	1						
6	1	172A23-61140	COVER, MULTI	1	1						
7	1	172A23-61150	COVER, PUMP	1	1						
8	1	172173-61191-1	COVER, TRAVEL	2	2						
9	1	172A23-61200-2	COVER, FRAME	1	1						
11	2	172487-61240	SEAL, COVER	1	1						
12	2	172456-61310	SPONGE	1	1						
13	1	172458-61261	WASHER	5	5						
14	1	172456-61270-2	COVER, FRAME	1	1						
15	1	172A23-61410-1	PLATE ASSY	1	1						
16	1	172A21-61600	PLUG 28X3.2	5	5						
17	1	22137-100000	WASHER, 10	5	5						
18	1	22217-120000	WASHER, SPRING 12	4	4						
19	1	26013-100202	BOLT, M10X 20	6	6						
20	1	26013-100202	BOLT, M10X 20	5	5						
21	1	26013-100352	BOLT, M10X 35	5	5						
22	1	26106-100162	BOLT, M10X 16 PLATED	22	22						
23	1	26106-100162	BOLT, M10X 16 PLATED	2	2						
24	1	26106-100162	BOLT, M10X 16 PLATED	1	1						
25	1	26116-120252	BOLT, M12X 25 PLATED	4	4						
26	1	172A23-61230	COVER ASSY, FRAME		1						1
27	2	172487-61240	SEAL, COVER		1						
29	2	172456-61310	SPONGE		1						

Remarks
(1)CRANE SPEC.

Fig.46. COVER(AROUND CONTROL)



172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT,CANOPY is shown in Fig.130.

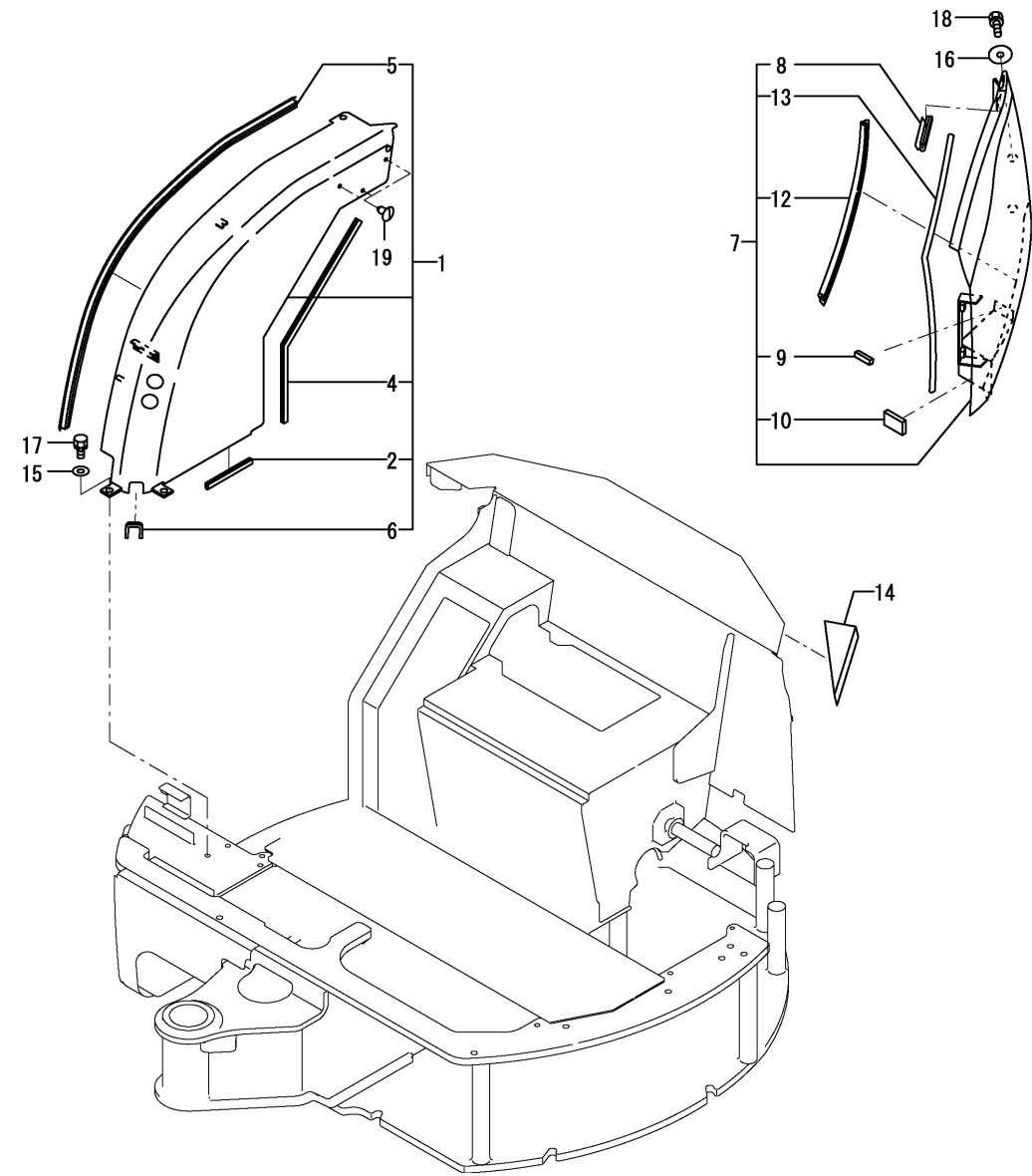
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172146-41320	GROMMET	1	1	1					
2	1	172456-61151	COVER ASSY, MULTI	1	1	1					
2-1	1	172456-61152	COVER ASSY, MULTI	1	1	1					N
(A=M/#31760) (B=M/#31760) (C=M/#31760)											
2-2	1	172456-61152-1	COVER ASSY, MULTI	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
2-3	1	172456-61153-1	COVER ASSY, MULTI	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
4	2	172164-61250	RUBBER, SEAL	1	1	1					
5	2	172456-61340	RUBBER, SEAL 105	1	1	1					
6	2	172456-61350	SPONGE	1	1	1					
7	2	172456-61360	SPONGE	1	1	1					
8	2	172146-61370	RUBBER, SEAL	1	1	1					
9	2	172458-61540	SEAL, MULTI COVER	1	1	1					
10	2	172171-65850	RUBBER, SEAL	1	1	1					
11	2	172164-66800	RUBBER, SEAL 60	1	1	1					
12	1	172458-61300	GROMMET	1	1	1					
13	1	172142-62300	WING BOLT M10X15	1	1	1					
13-1	1	172142-62301	WING BOLT,M10X20	1	1	1					N
(A=M35780) (B=M35780) (C=M35780)											
14	1	172456-64640	COVER, ELECTRIC	1	1	1					
15	1	22137-100000	WASHER, 10	2	2	2					
16	1	22217-060000	WASHER, SPRING 6	3	3	3					
17	1	22417-320200	PIN, COTTER 3.2X20	1	1	1					
17-1	1	22417-250200	PIN, COTTER 2.5X20	1	1	1					N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
17-2	1	22417-320200	PIN, COTTER 3.2X20	1	1	1					N
(A=M37415) (B=M37415) (C=M37415)											
18	1	26013-100202	BOLT, M10X 20	2	2	2					
19	1	26116-060122	BOLT, M6X 12 PLATED	3	3	3					
20	1	172458-45500	PLATE	1	1	1					
20-1	1	172458-45500-1	PLATE	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
21	1	26013-080162	BOLT, M8X 16	3	3	3					
22	1	172A23-64780	COVER, ELECTRIC		1						1
23	1	22117-100000	WASHER, 10	1	1	1					W
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
23-1	1	22133-100000	WASHER, 10	1	1	1					N
(A=M37415) (B=M37415) (C=M37415)											

Remarks
(1)CRANE SPEC.

Fig.47. COVER(CABIN)



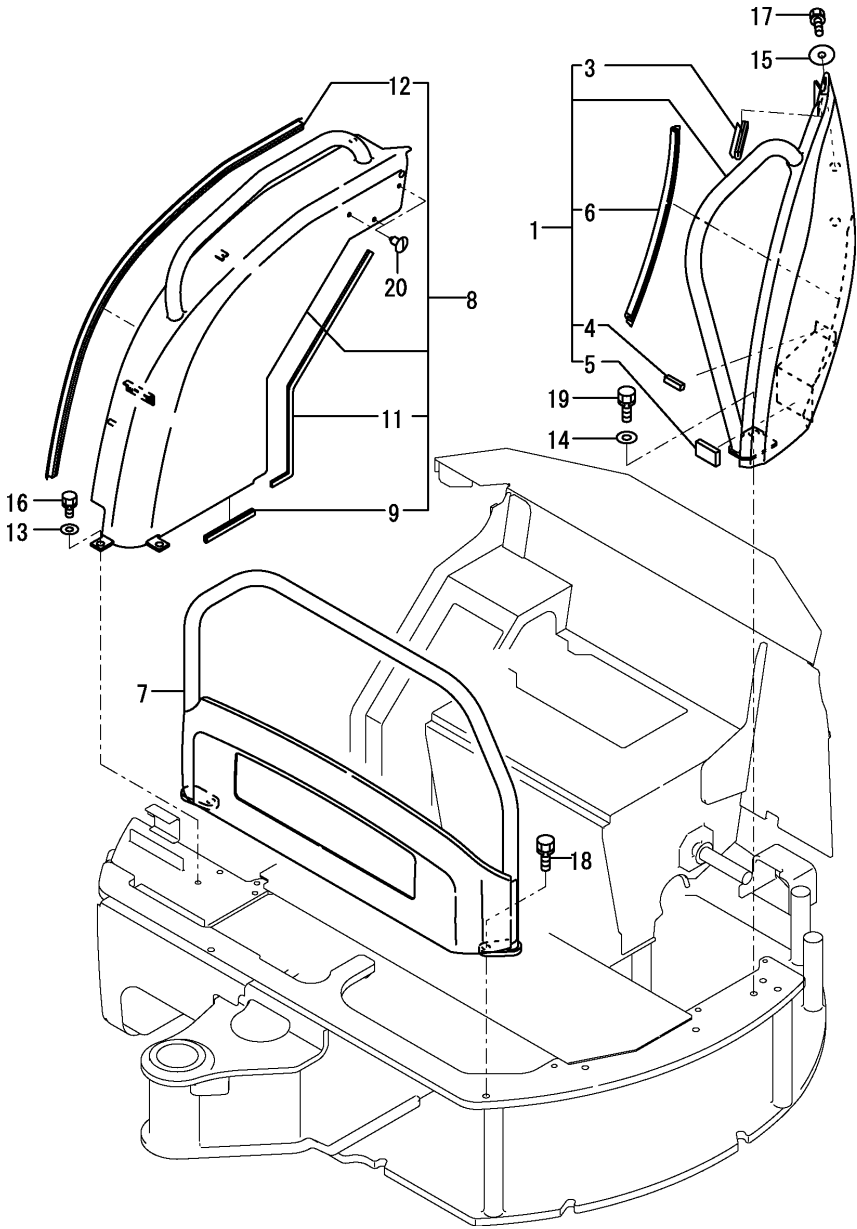
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61731	COVER ASSY	1							
1-1	1	172456-61731-N	COVER ASSY	1							S
(A=M3F001)											
2	2	172156-11150	SEAL, ENGINE	1							
4	2	172458-64140	SEAL	1							
5	2	172165-65460	RUBBER, SEAL	1							
6	2	172175-65641	TRIM	1							
7	1	172456-61800-2	BONNET L,CAB(GREEN2Q	1							
7-1	1	172456-61801-2	BONNET L,CAB(GREEN2Q	1							N
(A=M/#34491)											
7-2	1	172456-61801-Y	BONNET L,CAB	1							S
(A=M38501)											
8	2	172456-61480	RUBBER, SEAL 95	1							
9	2	172456-61490	SEAL	1							
10	2	172456-61500	SEAL	1							
12	2	172183-65560	RUBBER, SEAL 390	1							
12-1	2	172487-64780	RUBBER, SEAL 365	1							R
(A=M35868)											
13	2	172164-66630	RUBBER, SEAL	1							
14	1	172460-61960	SEAL	1							
15	1	22137-100000	WASHER, 10	4							
16	1	22157-100000	WASHER, 10	4							
17	1	26013-100202	BOLT, SPRING M10X 20	4							
18	1	26013-100252	BOLT, SPRING M10X 25	4							
19	1	172458-64610	CLIP, TREE	3							1
19-1	1	183341-91800	CLIP, TREE 5	3							S 2
(A=M3F001)											

Remarks
(1)Color = GRAY.
(2)Color = BLACK.

Fig.48. COVER(CANOPY)



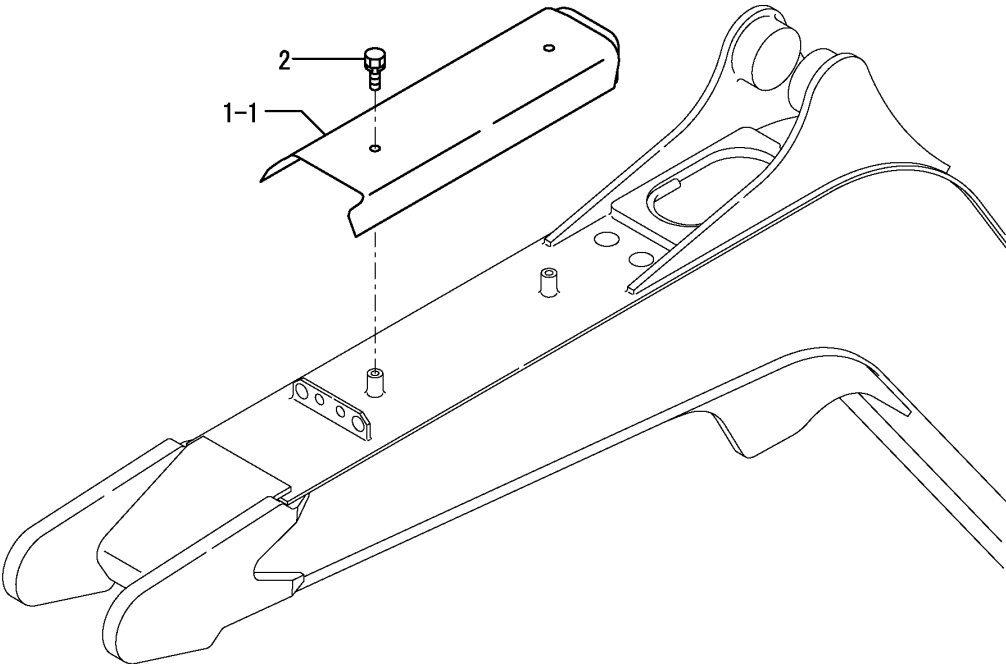
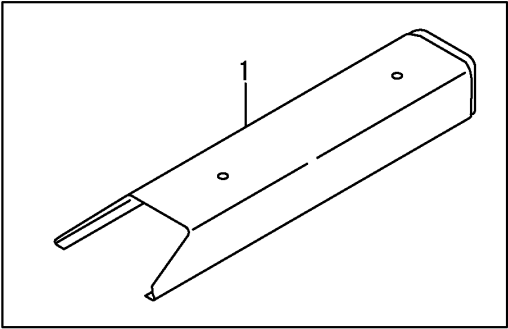
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61400-4	BONNET L (GREEN:2Q)		1	1					
1-1	1	172456-61400-Y	BONNET L (B=M38501) (C=M38501)		1	1				S	
3	2	172456-61480	RUBBER, SEAL 95		1	1					
4	2	172456-61490	SEAL		1	1					
5	2	172456-61500	SEAL		1	1					
6	2	172183-65560	RUBBER, SEAL 390		1	1					
6-1	2	172487-64780	RUBBER, SEAL 365 (B=M35868) (C=M35868)		1	1				R	
7	1	172458-61600-2	COVER ASSY		1	1					
7-1	1	172458-61600-Y	COVER ASSY (B=M38501) (C=M38501)		1	1				S	
8	1	172456-61691	COVER ASSY		1	1					
8-1	1	172456-61691-N	COVER ASSY (B=M3F001) (C=M3F001)		1	1				S	
9	2	172156-11150	SEAL, ENGINE		1	1					
11	2	172458-64140	SEAL		1	1					
12	2	172165-65460	RUBBER, SEAL		1	1					
13	1	22137-100000	WASHER, 10		4	4					
14	1	172730-05250	WASHER		1	1					
15	1	22157-100000	WASHER, 10		2	2					
16	1	26013-100202	BOLT, SPRING M10X 20		4	4					
17	1	26013-100252	BOLT, SPRING M10X 25		2	2					
18	1	26013-120302	BOLT, SPRING M12X 30		2	2					
19	1	26013-120352	BOLT, M12X 35		1	1					
20	1	172458-64610	CLIP, TREE		3	3					1
20-1	1	183341-91800	CLIP, TREE 5		3	3				S	2
(B=M3F001) (C=M3F001)											

Remarks
(1)Color = GRAY.
(2)Color = BLACK.

Fig.49. COVER(BOOM)

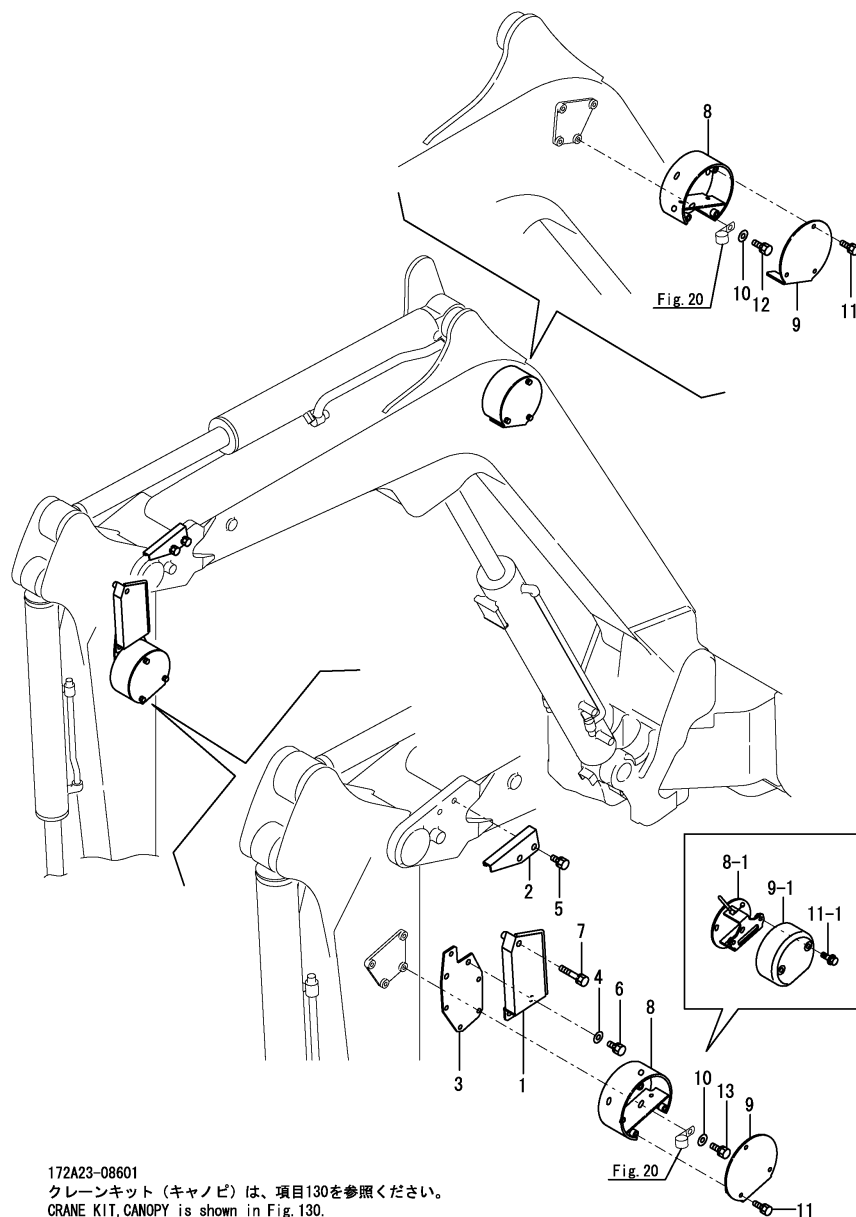


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61963	COVER, BOOM	1	1	1					
1-1	1	172456-61964	COVER, BOOM	1	1	1					R
		(A=M/#35180) (B=M/#35180) (C=M/#35180)									
1-2	1	172456-61964-Y	COVER, BOOM	1	1	1					S
		(A=M38501) (B=M38501) (C=M38501)									
2	1	26013-080162	BOLT, M8X 16	2	2	2					

Fig.50. COVER(CRANE)



172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig. 130.

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.8-1,9-1
& 11-1.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

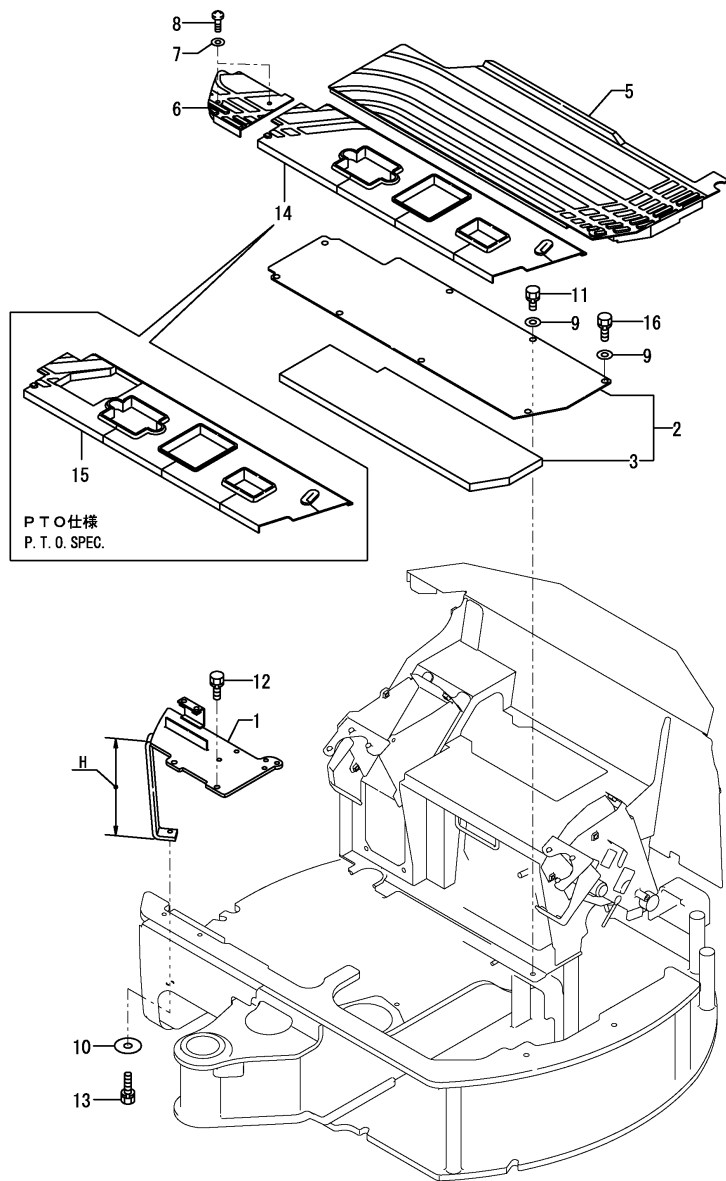
(D)=
(E)=
(F)=

No.	Lev.	Parts No.		Description	Q'ty						I	R
					(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-61800	COVER, HARNESS		1							
1-1	1	172A23-61800-Y (B=M38501)	COVER, HARNESS		1							S
2	1	172A25-61831	COVER, HARNESS		1							
2-1	1	172A25-61831-Y (B=M38501)	COVER, HARNESS		1							S
3	1	172A23-61840	STAY ASSY		1							
3-1	1	172A23-61840-Y (B=M38501)	STAY ASSY		1							S
4	1	22137-100000	WASHER, 10		2							
5	1	26013-100202	BOLT, M10X 20		2							
6	1	26013-100202	BOLT, M10X 20		2							
7	1	26013-100552	BOLT, M10X 55		1							
8	1	172187-61800	CASE ASSY, SENSOR		2							
8-1	1	172A78-61800-2 (B=M36288)	CASE ASSY		2							S 1
8-2	1	172A78-61800-Y (B=M38501)	CASE ASSY		2							S
9	1	172187-61840	COVER, SENSOR CASE		2							
9-1	1	172A78-61840 (B=M36288)	COVER,SENSOR		2							S
9-2	1	172A78-61840-Y (B=M38501)	COVER, SENSOR		2							S
10	1	22137-080000	WASHER, 8		8							
11	1	26013-060162	BOLT, M6X 16		6							
11-1	1	26014-100252 (B=M36288)	BOLT, M10X 25		4							S
12	1	26013-080162	BOLT, M8X 16		4							
13	1	26013-080202	BOLT, M8X 20		4							

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

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Fig.51. STEP(CABIN SPEC.)



				(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)	(D)= (E)= (F)=					
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I R
1	1	172456-62100	STEP	1						
1-1	1	172456-62100-2	STEP	1						S
(A=M/#33092)										
1-2	1	172A23-62100	STEP ASSY	1						S 1
(A=M37001)										
2	1	172A23-62170	STEP ASSY	1						
2-1	1	172A23-62170-1	STEP ASSY	1						S
(A=M/#33092)										
2-2	1	172A23-62171	STEP ASSY	1						N
(A=M37001)										
3	2	172487-62170	SEAL, STEP	1						
5	1	172456-62300	MAT, FLOOR	1						
6	1	172456-62320	FLOORMAT C, CAB	1						
7	1	172458-62430	WASHER	2						
8	1	172137-69850	SCREW	2						
9	1	22137-100000	WASHER, 10	8						
10	1	22157-100000	WASHER, 10	1						
11	1	26013-100202	BOLT, M10X 20	8						
11-1	1	26013-100202	BOLT, M10X 20	6						K
(A=*2014.01)										
12	1	26013-100252	BOLT, M10X 25	2						
13	1	26013-100352	BOLT, M10X 35	1						
14	1	172456-62310	MAT, FLOOR	1						
15	1	172456-62520	MAT, FLOOR B(CAB PTO	1						
16	1	26013-100252	BOLT, M10X 25	2						W
(A=*2014.01)										

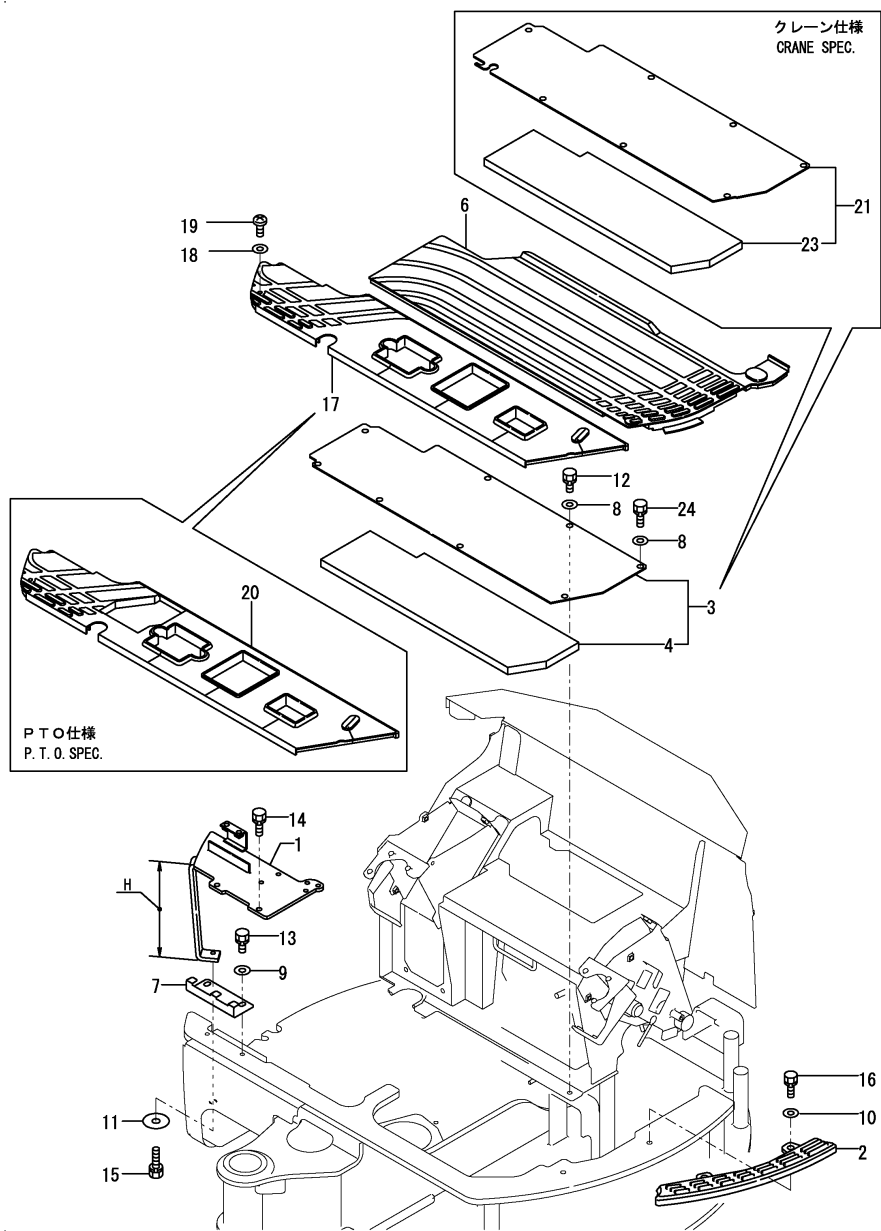
Remarks

(1)H=No.1-1 : 267mm, No.1-2 : 278.5mm.

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

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Fig.52. STEP(CANOPY SPEC.)



* Crane kit(canopy) is shown in Fig.130.
(1)H=No.1-1 : 267mm, No.1-2 : 278.5mm.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.		Description	Q'ty						I	R
					(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-62100	STEP			1	1					
1-1	1	172456-62100-2	STEP			1	1				S	
		(B=M/#33092)	(C=M/#33092)									
1-2	1	172A23-62100	STEP ASSY			1					S	
		(B=M37001)										
2	1	172458-62110	STEP			1	1					
2-1	1	172458-62110-1	STEP			1	1				S	
		(B=M/#33092)	(C=M/#33092)									
3	1	172A23-62170	STEP ASSY			1	1					
3-1	1	172A23-62170-1	STEP ASSY			1	1				S	
		(B=M/#33092)	(C=M/#33092)									
3-2	1	172A23-62171	STEP ASSY			1	1				N	
		(B=M37001)	(C=M37001)									
4	2	172487-62170	SEAL, STEP			1	1					
6	1	172456-62200	MAT A			1	1					
7	1	172456-62500	HOOK, FLOOR MAT			1	1					
7-1	1	172456-62500-1	HOOK, FLOOR MAT			1	1				S	
		(B=M/#33092)	(C=M/#33092)									
8	1	22137-100000	WASHER, 10			8	8					
9	1	22137-100000	WASHER, 10			2	2					
10	1	22137-120000	WASHER, 12			2	2					
11	1	22157-100000	WASHER, 10			1	1					
12	1	26013-100202	BOLT, M10X 20			8	8					
12-1	1	26013-100202	BOLT, M10X 20			6	6				K	
		(B=*2014.01)	(C=*2014.01)									
13	1	26013-100202	BOLT, M10X 20			2	2					
14	1	26013-100252	BOLT, M10X 25			2	2					
15	1	26013-100352	BOLT, M10X 35			1	1					
16	1	26013-120302	BOLT, M12X 30			2	2					
17	1	172456-62210	MAT, FLOOR (B			1	1					
18	1	172458-62430	WASHER			1	1					
19	1	172137-69850	SCREW			1	1					
20	1	172456-62510	MAT, FLOOR B P.T.O.			1	1					
21	1	172A23-62150	STEP ASSY, CRANE			1						
23	2	172487-62170	SEAL, STEP			1						
24	1	26013-100252	BOLT, M10X 25			2	2				W	
		(B=*2014.01)	(C=*2014.01)									

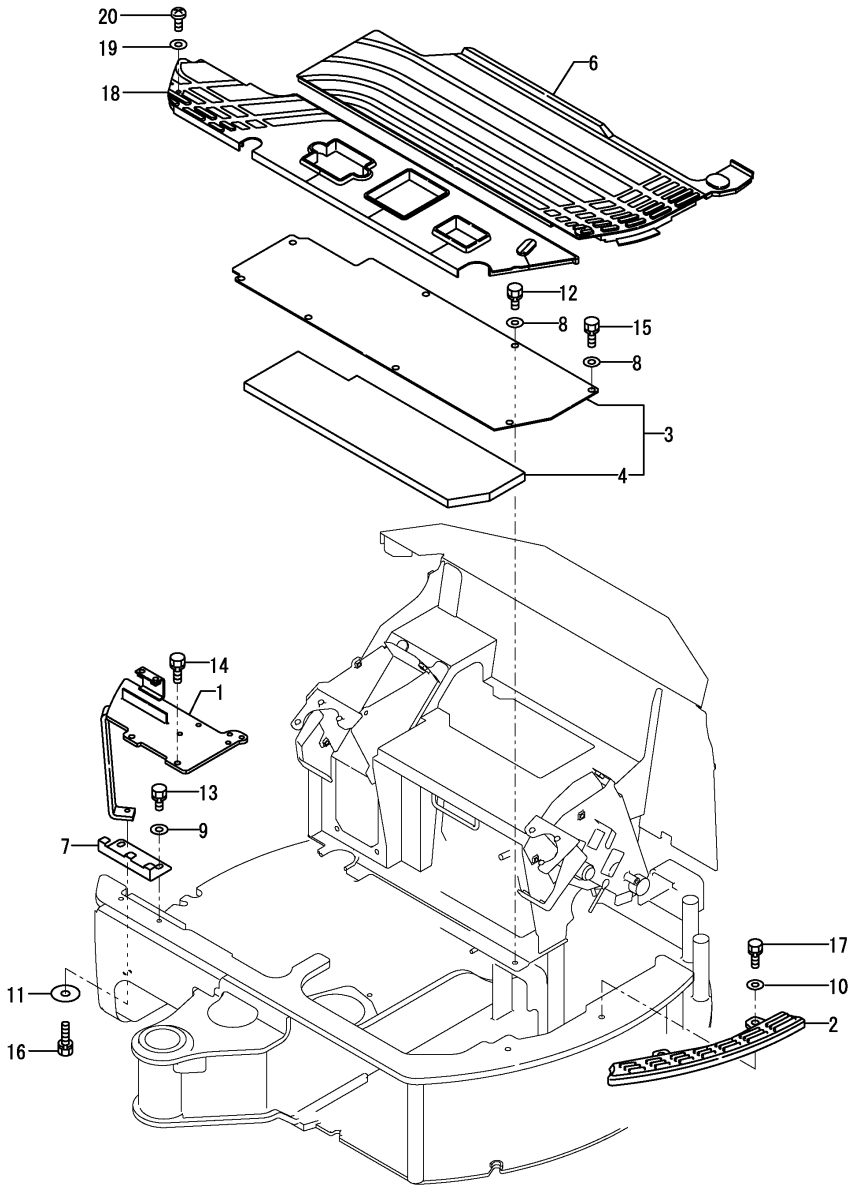
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.142. (52A)STEP(4P CANOPY SPEC.)

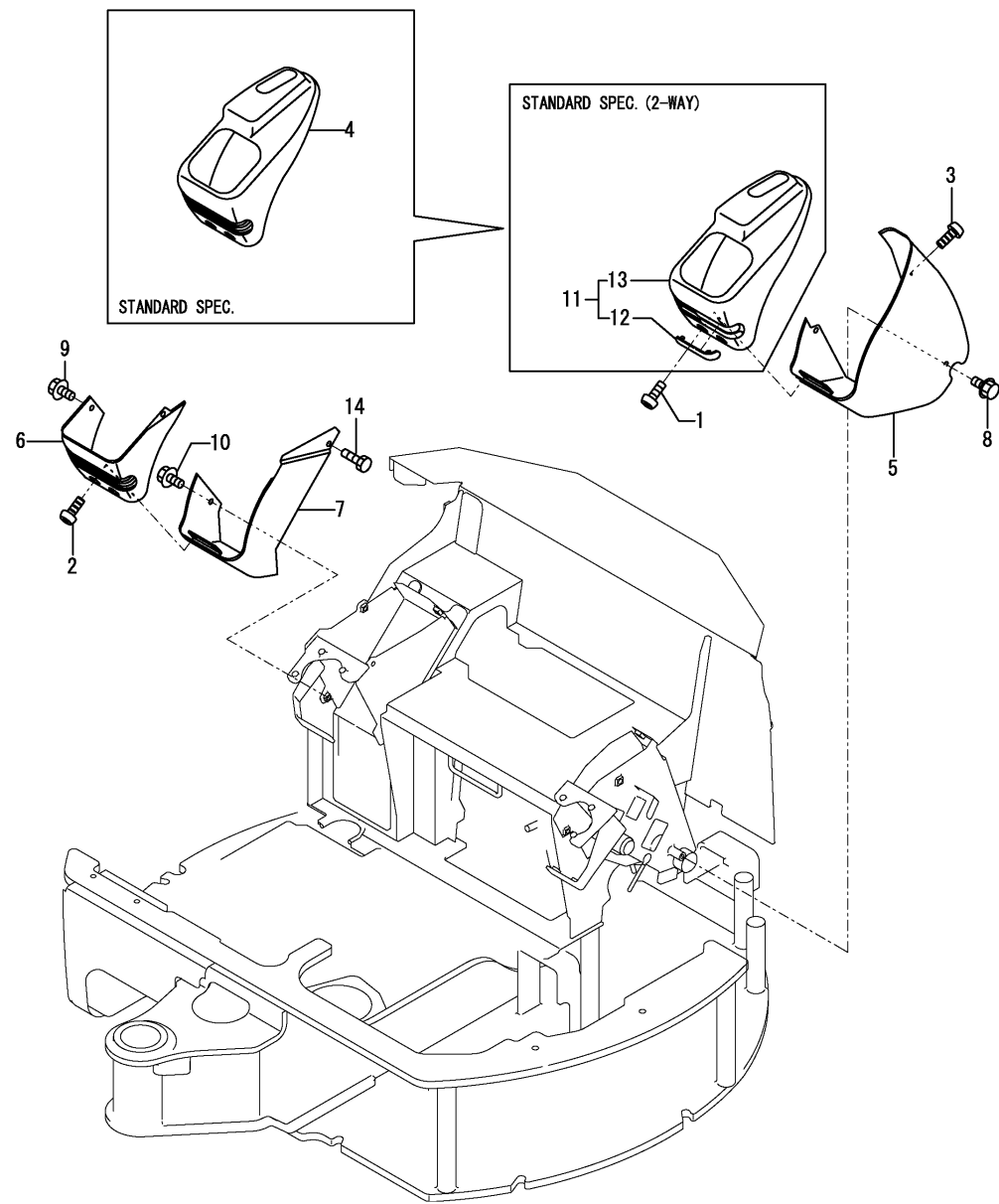
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-62100	STEP ASSY,FRONT R		1						
2	1	172458-62110-1	STEP		1						
3	1	172A23-62171	STEP ASSY		1						
4	2	172487-62170	SEAL, STEP		1						
6	1	172456-62200	MAT A		1						
7	1	172456-62500-1	HOOK, FLOOR MAT		1						
8	1	22137-100000	WASHER, 10		8						
9	1	22137-100000	WASHER, 10		2						
10	1	22137-120000	WASHER, 12		2						
11	1	22157-100000	WASHER, 10		1						
12	1	26013-100202	BOLT, M10X 20		6						
13	1	26013-100202	BOLT, M10X 20		2						
14	1	26013-100252	BOLT, M10X 25		2						
15	1	26013-100252	BOLT, M10X 25		2						
16	1	26013-100352	BOLT, M10X 35		1						
17	1	26013-120302	BOLT, M12X 30		2						
18	1	172A23-62230	MAT, FLOOR RP PTO		1						
19	1	172458-62430	WASHER		1						
20	1	172137-69850	SCREW		1						

Fig.53. INSTRUMENT PANEL



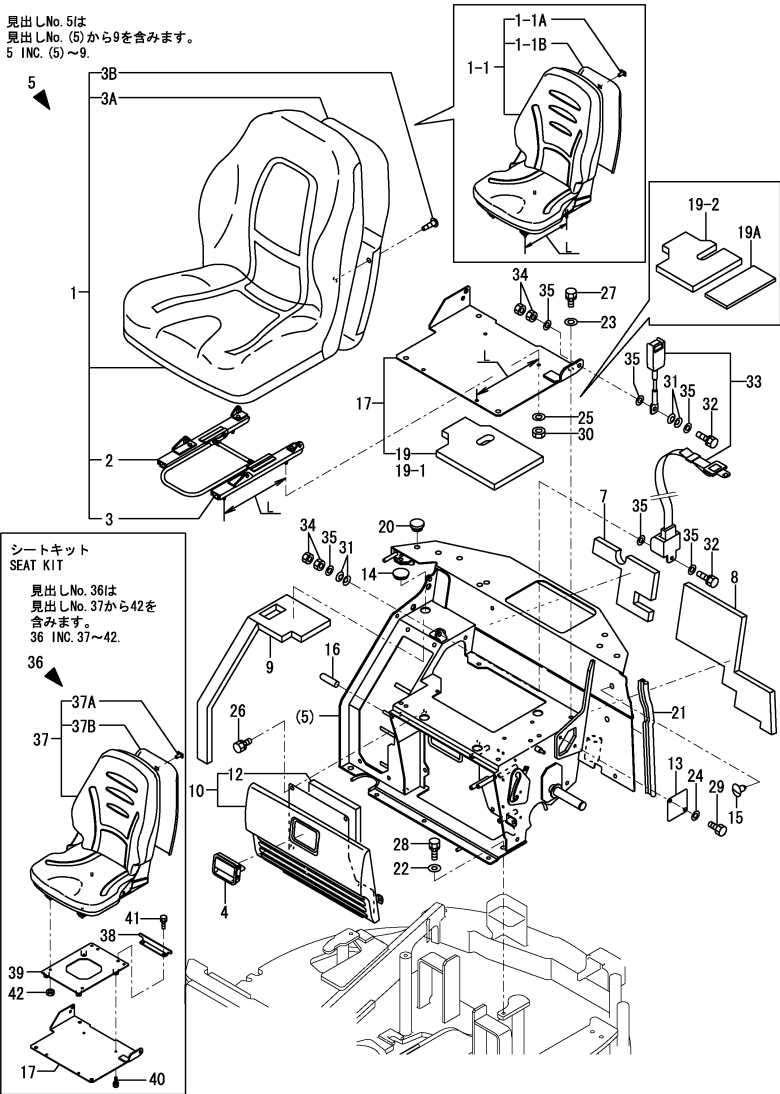
Remarks
(1)Color = DARK OLIVE GRAY.
(2)Color = WARM GARY.
(3)Color = PANTONE 425C.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46720	BOLT	3	3	3					
2	1	172458-46720	BOLT	2	2	2					
3	1	172458-46720	BOLT	1	1	1					
4	1	172458-63100	PANEL, INSTRUMENT	1	1	1					1
4-1	1	172458-62900	COVER,LEVER LUP STDD	1	1	1				S	3
		(A=M3F001) (B=M3F001) (C=M3F001)									
5	1	172458-63120	PANEL, INSTRUMENT	1	1	1					2
5-1	1	172458-62920	COVER,LEVER L LOW D	1	1	1				S	3
		(A=M3F001) (B=M3F001) (C=M3F001)									
6	1	172458-63130	PANEL, INSTRUMENT	1	1	1					1
6-1	1	172458-62930	COVER,LEVER R UP D	1	1	1				S	3
		(A=M3F001) (B=M3F001) (C=M3F001)									
7	1	172458-63140	PANEL, INSTRUMENT	1	1	1					2
7-1	1	172458-62940	COVER,LEVER R LOW D	1	1	1				S	3
		(A=M3F001) (B=M3F001) (C=M3F001)									
8	1	172519-63240	BOLT	2	2	2					
9	1	172519-63240	BOLT	1	1	1					
10	1	172519-63240	BOLT	2	2	2					
10-1	1	172519-63240	BOLT	1	1	1					K
		(A=*2015.06.) (B=*2015.06.) (C=*2015.06.)									
11	1	172490-61920	INSTRUMENT PANEL ASY	1	1						1
11-1	1	172490-61970	COVER ASSY,L LUPSTDD	1	1					S	3
		(A=M3F001) (B=M3F001)									
12	2	172490-61950	COVER, PANEL	1	1						1
12-1	2	172490-61980	COVER, NO 2M D	1	1					S	3
		(A=M3F001) (B=M3F001)									
13	2	172458-63110	INSTRUMENT PANEL L,2	1	1						1
13-1	2	172458-62910	COVER,LEVER L UP 2MD	1	1					S	3
		(A=M3F001) (B=M3F001)									
14	1	172487-63500	BOLT,LOW HEAD 8X20	1	1	1					W
		(A=*2015.06.) (B=*2015.06.) (C=*2015.06.)									

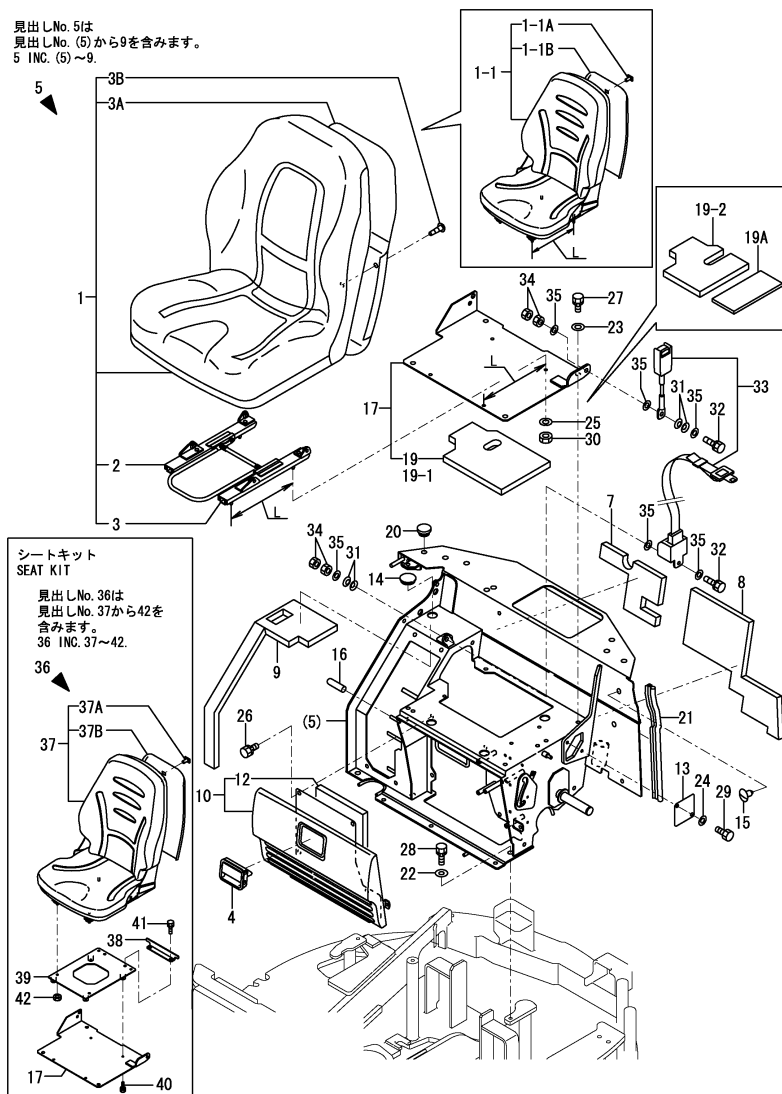
Fig.54. SEAT & SEAT MOUNT(CABIN)(TO M3F494)



Remarks
(1)L=No.1 & 17 : 255mm, No.1-1 & 17-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 17-1.
(2)Interchangeable by simultaneous replacement with No.19A.
(3)Interchangeable by simultaneous replacement with No.31-1, 32-1, 34-1 & 35-1.
(4)Color = DARK OLIVE GRAY.
(5)Color = WARM GARY.
(6)Color = BLACK.
(7)Spare parts is shown in Fig.166.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET	1							
1-1	1	172A46-64200	SEAT, OPERATOR	1						F	1
(A=M32796)											
1-1A	2	172A46-64180	LOCK-FUSE,LID	1							W
(A=M32796)											
1-1B	2	172A46-64190	COVER, BACK	1							W
(A=M32796)											
1-2	1	172A46-64200	SEAT, OPERATOR	1						Z	7
(A=M3F495)											
2	2	172455-64600	TRACK ASSY, SEAT	1							Z
(A=M32796)											
3	2	172455-64610	TRACK ASSY, SEAT	1							Z
(A=M32796)											
3A	2	172455-64590	BOARD, FR SEAT BACK	1							W
(A=M/#30501)											
3A-1	2	172455-64590	BOARD, FR SEAT BACK	1							Z
(A=M32796)											
3B	2	172455-64710	SCREW	14							W
(A=M/#30501)											
3B-1	2	172455-64710	SCREW	14							Z
(A=M32796)											
4	1	172187-61421	HANDLE, LOCK	1							4
4-1	1	172B02-69040	HANDLE,LOCK BLACK	1						S	6
(A=M3F001)											
5	1	172A23-64200	MOUNT ASSY, SEAT	1							
5-1	1	172A23-64201	MOUNT ASSY, SEAT	1							N
(A=M32563)											
5-2	1	172A23-64201-N	MOUNT ASSY, SEAT	1							S
(A=M3F001)											
5-3	1	172A23-64202	MOUNT ASSY,SEAT	1							N
(A=M3F495)											
7	2	172A23-64700	SPONGE	1							
8	2	172456-64710	SPONGE	1							
9	2	172A23-64720	SPONGE	1							
10	1	172A23-64460	GRILLE ASSY	1							
10-1	1	172A23-64461	GRILLE ASSY	1							N
(A=M33952)											
10-2	1	172A23-64461-N	GRILLE ASSY	1							S
(A=M3F001)											
12	2	172A23-64500	SPONGE	1							
12-1	2	172A23-64501	SPONGE	1							N
(A=M33952)											
13	1	172458-64510	COVER, SEAT MOUNT	1							Z
(A=M30757)											
14	1	172458-64590	PLUG	1							5
14-1	1	172A21-61600	PLUG	1						S	6
(A=M3F001)											
15	1	172458-64600	CLIP, TREE	2							5
15-1	1	172458-64600	CLIP, TREE	3						K	5
(A=*2012.03.)											
15-2	1	172176-68210	CLIP, TREE	3							S 6

Fig.54. SEAT & SEAT MOUNT(CABIN)(TO M3F494)

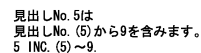


(7) Spare parts is shown in Fig.166.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(A=M3F001)											
16	1	172187-64800	CAP	1							
17	1	172A23-64850	PLATE, SEAT	1							
17-1	1	172A23-64851	PLATE, SEAT	1						S	1
(A=M32769)											
17-2	1	172A23-64852	PLATE, SEAT	1							N
(A=M33952)											
17-3	1	172A23-64853	PLATE ASSY,SEAT RP	1							N
(A=M37001)											
17-4	1	172A23-64853-N	PLATE ASSY,SEAT RP	1							S
(A=M3F001)											
19	2	172A23-64880	SPONGE	1							
19-1	2	172A23-64881	SPONGE	1							R
(A=M32796)											
19-2	2	172A23-64882	SPONGE	1							F 2
(A=M33952)											
19A	2	172A23-64930	INSURATOR,SEAT	1							W
(A=M33952)											
20	1	172187-64900	PLUG	1							
21	1	172164-66480	RUBBER 340, SEAL	1							
22	1	22137-100000	WASHER, 10	3							
23	1	22137-100000	WASHER, 10	5							
24	1	22217-080000	WASHER, SPRING 8	2							Z
(A=M30757)											
25	1	22217-080000	WASHER, SPRING 8	4							
26	1	26013-100202	BOLT, SPRING M10X 20	4							
27	1	26013-100202	BOLT, SPRING M10X 20	5							
28	1	26013-100252	BOLT, SPRING M10X 25	3							
29	1	26116-080162	BOLT, M8X 16 PLATED	2							Z
(A=M30757)											
30	1	26716-080002	NUT, M8	4							
31	1	172652-64220	SPRING	4							
31-1	1	172A77-64270	SPRING	4							F 3
(A=M35974)											
32	1	172433-64511	BOLT	2							
32-1	1	26116-100352	BOLT, M10X 35 PLATED	2							F 3
(A=M35974)											
33	1	172A23-64770	BELT ASSY, SEAT	1							
33-1	1	1A8160-63400	BELT ASSY, SEAT	1							R
(A=M35974)											
34	1	172187-64831	NUT	4							
34-1	1	26716-100002	NUT, M10	4							F 3
(A=M35974)											
35	1	22137-120000	WASHER, 12	4							
35-1	1	22137-100000	WASHER, 10	4							F 3
(A=M35974)											
35-2	1	22137-100000	WASHER, 10	6							K
(A=M35974)											
36	1	172456-08600	SEAT KIT	1							W
(A=M/#33595)											
36-1	1	172456-08600-N	SEAT KIT	1							S

N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.54. SEAT & SEAT MOUNT(CABIN)(TO M3F494)



シートキット
SEAT KIT

見出しNo. 36は
見出しNo. 37から42を
含みます。
36 INC. 37~42.

The diagram shows an exploded view of a seat kit. At the top is a seat cushion with a ribbed pattern, labeled with 36, 37A, and 37B. Below it is a rectangular seat base plate with a central circular cutout, labeled with 38, 39, and 42. To the right of the base plate is a small rectangular component labeled 41. Below the base plate is a larger rectangular floor plate with a central circular cutout, labeled with 17 and 40. Dashed lines indicate the assembly path for the components.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36-2	1	172456-08600-N	SEAT KIT	1						Z	7
37	2	172A46-64200	SEAT, OPERATOR	1						W	
37A	3	172A46-64180	LOCK-FUSE,LID	1						W	
37B	3	172A46-64190	COVER, BACK	1						W	
38	2	172A46-64520	STOPPER ASSY	1						W	
38-1	2	172A46-64520-N	STOPPER ASSY	1						S	
39	2	172A46-64500	PLATE ASSY,SEAT	1						W	
39-1	2	172A46-64500-N	PLATE ASSY,SEAT	1						S	
40	2	26013-080202	BOLT, SPRING M8X 20	4						W	
41	2	26013-100202	BOLT, SPRING M10X 20	2						W	
42	2	26051-080002	NUT, M8	4						W	

Remarks

(1)L=No.1 & 17 : 255mm, No.1-1 & 17-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 17-1.

(2)Interchangeable by simultaneous replacement with No.19A.

(3)Interchangeable by simultaneous replacement with No.31-1, 32-1, 34-1 & 35-1.

(4)Color = DARK OLIVE GRAY.

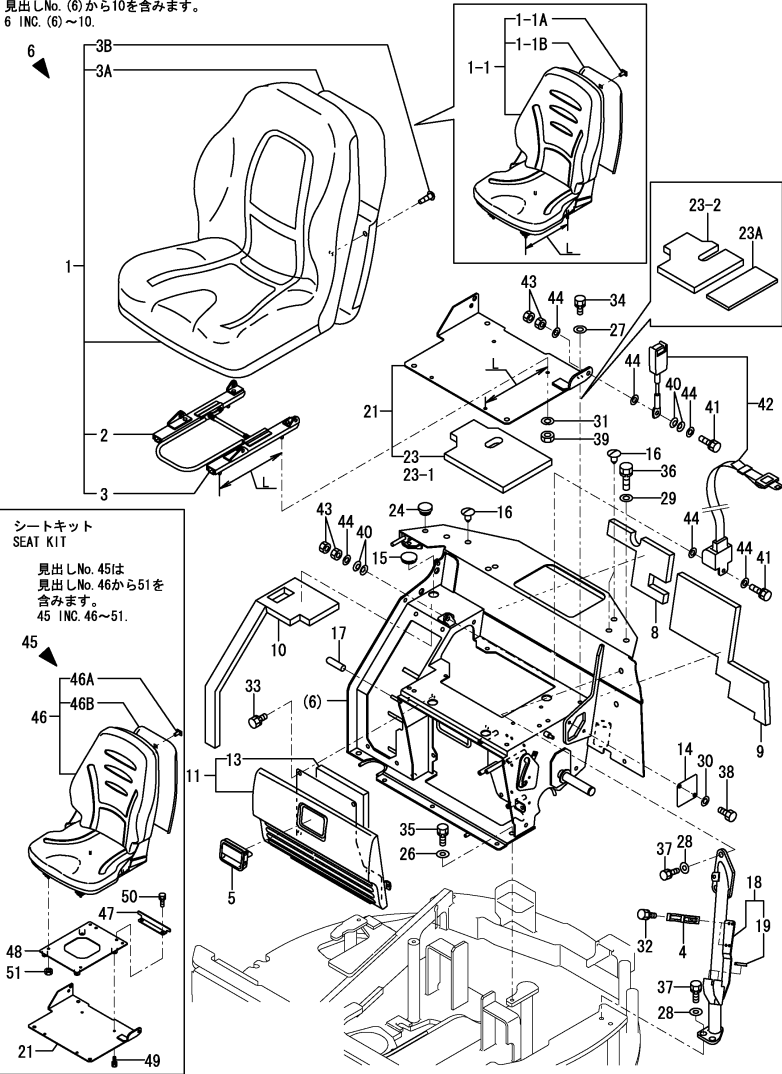
(5)Color = WARM GARY.

(6)Color = BLACK.

(7)Spare parts is shown in Fig.166.

Fig.55. SEAT & SEAT MOUNT(CANOPY)(TO M3F494)

見出しNo.6は
見出しNo.(6)から10を含みます。
6 INC.(6)~10.



シートキット
SEAT KIT
見出しNo.45は
見出しNo.46から51を
含みます。
45 INC.46~51.

Remarks
(1)L=No.1 & 21 : 255mm, No.1-1 & 21-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 21-1.
(2)Interchangeable by simultaneous replacement with No.23A.
(3)Interchangeable by simultaneous replacement with No.40-1, 41-1, 43-1 & 44-1.
(4)Color = DARK OLIVE GRAY.
(5)Color = WARM GARY.
(6)Color = BLACK.
(7)Spare parts is shown in Fig.166.

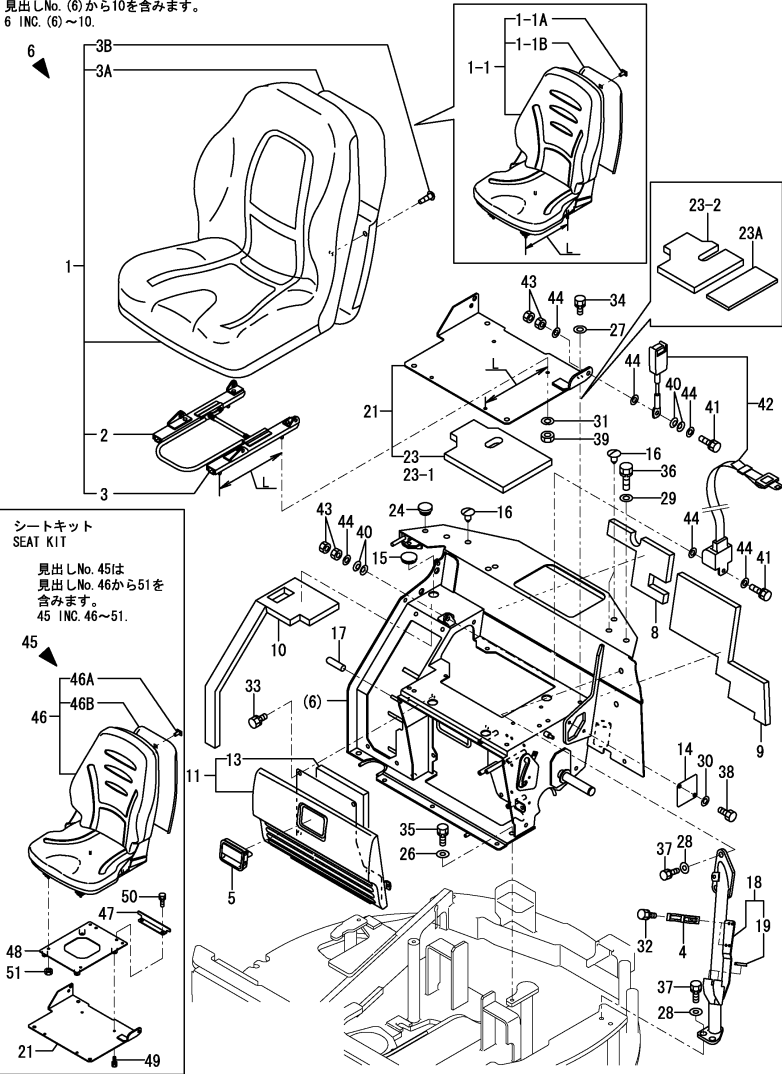
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET		1	1					
1-1	1	172A46-64200	SEAT, OPERATOR		1	1				F	1
		(B=M32769) (C=M32769)									
1-1A	2	172A46-64180	LOCK-FUSE,LID		1	1				W	
		(B=M32769) (C=M32769)									
1-1B	2	172A46-64190	COVER, BACK		1	1				W	
		(B=M32769) (C=M32769)									
1-2	1	172A46-64200	SEAT, OPERATOR		1	1				Z	7
		(B=M3F495) (C=M3F495)									
2	2	172455-64600	TRACK ASSY, SEAT		1	1				Z	
		(B=M32796) (C=M32796)									
3	2	172455-64610	TRACK ASSY, SEAT		1	1				Z	
		(B=M32796) (C=M32796)									
3A	2	172455-64590	BOARD, FR SEAT BACK		1	1				W	
		(B=M/#30501) (C=M/#30501)									
3A-1	2	172455-64590	BOARD, FR SEAT BACK		1	1				Z	
		(B=M32796) (C=M32796)									
3B	2	172455-64710	SCREW		14	14				W	
		(B=M/#30501) (C=M/#30501)									
3B-1	2	172455-64710	SCREW		14	14				Z	
		(B=M32796) (C=M32796)									
4	1	172122-55061	BRACKET, PUMP		2	2					
5	1	172187-61421	HANDLE, LOCK		1	1					4
5-1	1	172B02-69040	HANDLE,LOCK BLACK		1	1				S	6
		(B=M3F001) (C=M3F001)									
6	1	172A23-64200	MOUNT ASSY, SEAT		1	1				N	
6-1	1	172A23-64201	MOUNT ASSY, SEAT		1	1					
		(B=M32567) (C=M32567)									
6-2	1	172A23-64201-N	MOUNT ASSY, SEAT		1	1				S	
		(B=M3F001) (C=M3F001)									
6-3	1	172A23-64202	MOUNT ASSY,SEAT		1	1				N	
		(B=M3F495) (C=M3F495)									
8	2	172A23-64700	SPONGE		1	1					
9	2	172456-64710	SPONGE		1	1					
10	2	172A23-64720	SPONGE		1	1					
11	1	172A23-64460	GRILLE ASSY		1	1					
11-1	1	172A23-64461	GRILLE ASSY		1	1				N	
		(B=M33952) (C=M33952)									
11-2	1	172A23-64461-N	GRILLE ASSY		1	1				S	
		(B=M3F001) (C=M3F001)									
13	2	172A23-64500	SPONGE		1	1					
13-1	2	172A23-64501	SPONGE		1	1				N	
		(B=M33952) (C=M33952)									
14	1	172458-64510	COVER, SEAT MOUNT		1	1				Z	
		(B=M30757) (C=M30757)									
15	1	172458-64590	PLUG		1	1					5
15-1	1	172A21-61600	PLUG		1	1				S	6
		(B=M3F001) (C=M3F001)									
16	1	172458-64600	CLIP, TREE		3	3					5
16-1	1	172176-68210	CLIP, TREE		3	3				S	6
		(B=M3F001) (C=M3F001)									

Fig.55. SEAT & SEAT MOUNT(CANOPY)(TO M3F494)

見出しNo.6は
見出しNo.(6)から10を含みます。
6 INC.(6)~10.

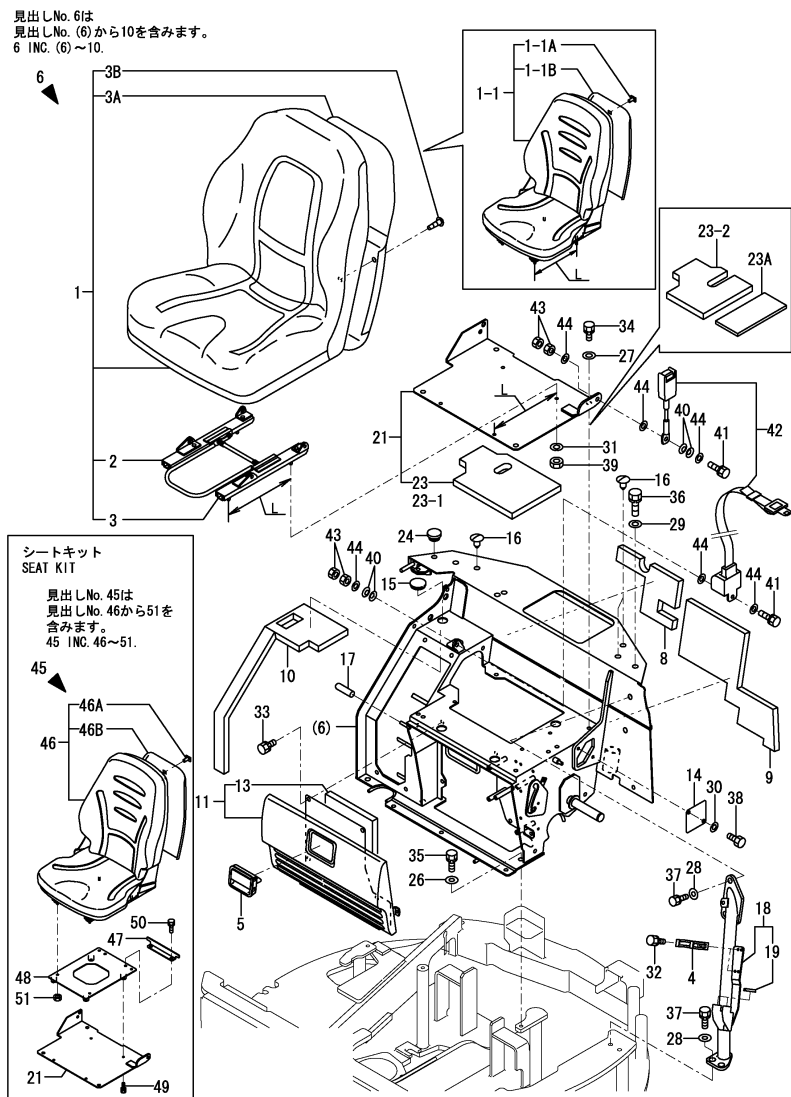


- Remarks
- (1)L=No.1 & 21 : 255mm, No.1-1 & 21-1 : 285mm.
 - (2)Interchangeable by simultaneous replacement with No.1-1 & 21-1.
 - (3)Interchangeable by simultaneous replacement with No.23A.
 - (4)Interchangeable by simultaneous replacement with No.40-1, 41-1, 43-1 & 44-1.
 - (5)Color = DARK OLIVE GRAY.
 - (6)Color = BLACK.
 - (7)Spare parts is shown in Fig.166.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
17	1	172187-64800	CAP		1	1					
18	1	172456-64800	PIPE ASSY		1	1					
18-1	1	172456-64800-N	PIPE ASSY		1	1					S
		(B=M3F001) (C=M3F001)									
19	2	172445-62010	TRIM		2	2					
21	1	172A23-64850	PLATE, SEAT		1	1					
21-1	1	172A23-64851	PLATE, SEAT		1	1					S 1
		(B=M32796) (C=M32796)									
21-2	1	172A23-64852	PLATE, SEAT		1	1					N
		(B=M33952) (C=M33952)									
21-3	1	172A23-64853	PLATE ASSY,SEAT RP		1	1					N
		(B=M37001) (C=M37001)									
21-4	1	172A23-64853-N	PLATE ASSY,SEAT RP		1	1					S
		(B=M3F001) (C=M3F001)									
23	2	172A23-64880	SPONGE		1	1					
23-1	2	172A23-64881	SPONGE		1	1					R
		(B=M32796) (C=M32796)									
23-2	2	172A23-64882	SPONGE		1	1					F 2
		(B=M33952) (C=M33952)									
23A	2	172A23-64930	INSURATOR,SEAT		1	1					W
		(B=M33952) (C=M33952)									
24	1	172187-64900	PLUG		1	1					
26	1	22137-100000	WASHER, 10		3	3					
27	1	22137-100000	WASHER, 10		5	5					
28	1	22137-120000	WASHER, 12		4	4					
29	1	22137-120000	WASHER, 12		2	2					
30	1	22217-080000	WASHER, SPRING 8		2	2					Z
		(B=M30757) (C=M30757)									
31	1	22217-080000	WASHER, SPRING 8		4	4					
32	1	26013-060102	BOLT, SPRING M6X 10		4	4					
33	1	26013-100202	BOLT, SPRING M10X 20		4	4					
34	1	26013-100202	BOLT, SPRING M10X 20		5	5					
35	1	26013-100252	BOLT, SPRING M10X 25		3	3					
36	1	26013-120252	BOLT, SPRING M12X 25		2	2					
37	1	26013-120302	BOLT, SPRING M12X 30		4	4					
38	1	26116-080162	BOLT, M8X 16 PLATED		2	2					Z
		(B=M30757) (C=M30757)									
39	1	26716-080002	NUT, M8		4	4					
40	1	172652-64220	SPRING		4	4					
40-1	1	172A77-64270	SPRING		4	4					F 3
		(B=M35974) (C=M35974)									
41	1	172433-64511	BOLT		2	2					
41-1	1	26116-100352	BOLT, M10X 35 PLATED		2	2					F 3
		(B=M35974) (C=M35974)									
42	1	172A23-64770	BELT ASSY, SEAT		1	1					
42-1	1	1A8160-63400	BELT ASSY, SEAT		1	1					R
		(B=M35974) (C=M35974)									
43	1	172187-64831	NUT		4	4					
43-1	1	26716-100002	NUT, M10		4	4					F 3
		(B=M35974) (C=M35974)									
44	1	22137-120000	WASHER, 12		4	4					

Fig.55. SEAT & SEAT MOUNT(CANOPY)(TO M3F494)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44-1	1	22137-100000	WASHER, 10 (B=M35974) (C=M35974)		4	4				F	3
44-2	1	22137-100000	WASHER, 10 (B=M35974) (C=M35974)		6	6				K	
45	1	172456-08600	SEAT KIT (B=M/#33595) (C=M/#33595)		1	1				W	
45-1	1	172456-08600-N	SEAT KIT (B=M3F001) (C=M3F001)		1	1				S	
45-2	1	172456-08600-N	SEAT KIT (B=M3F495) (C=M3F495)		1	1				Z	7
46	2	172A46-64200	SEAT, OPERATOR (B=M/#33595) (C=M/#33595)		1	1				W	
46A	2	172A46-64180	LOCK-FUSE,LID (B=M33595) (C=M33595)		1	1				W	
46B	3	172A46-64190	COVER, BACK (B=M33595) (C=M33595)		1	1				W	
47	2	172A46-64520	STOPPER ASSY (B=M/#33595) (C=M/#33595)		1	1				W	
47-1	2	172A46-64520-N	STOPPER ASSY (B=M3F001) (C=M3F001)		1	1				S	
48	2	172A46-64500	PLATE ASSY,SEAT (B=M/#33595) (C=M/#33595)		1	1				W	
48-1	2	172A46-64500-N	PLATE ASSY,SEAT (B=M3F001) (C=M3F001)		1	1				S	
49	2	26013-080202	BOLT, SPRING M8X 20 (B=M/#33595) (C=M/#33595)		4	4				W	
50	2	26013-100202	BOLT, SPRING M10X 20 (B=M/#33595) (C=M/#33595)		2	2				W	
51	2	26051-080002	NUT, M8 (B=M/#33595) (C=M/#33595)		4	4				W	

- (1)L=No.1 & 21 : 255mm, No.1-1 & 21-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 21-1.
- (2)Interchangeable by simultaneous replacement with No.23A.
- (3)Interchangeable by simultaneous replacement with No.40-1, 41-1, 43-1 & 44-1.
- (4)Color = DARK OLIVE GRAY.
- (5)Color = WARM GARY.
- (6)Color = BLACK.
- (7)Spare parts is shown in Fig.166.

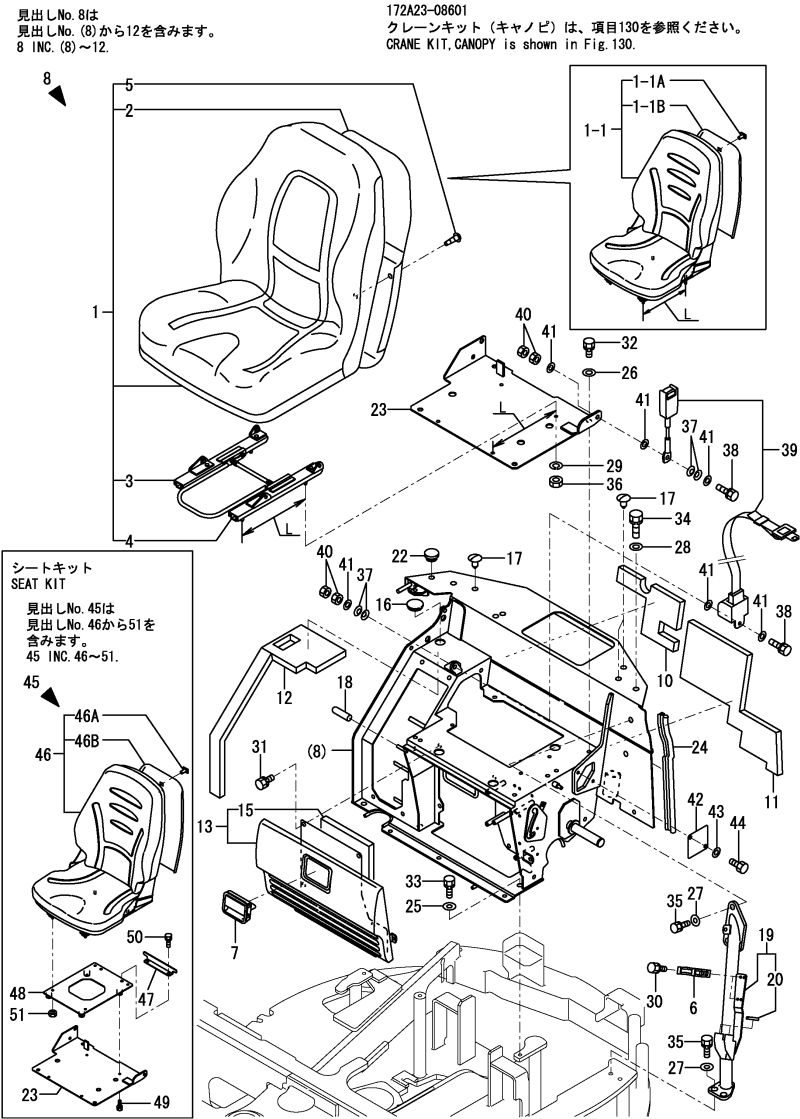
N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.56. SEAT & MOUNT(CANOPY)(CRANE)(TO M3F494)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



Remarks
(1)L=No.1 & 23 : 255mm, No.1-1 & 23-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 23-1.
(2)Interchangeable by simultaneous replacement with No.37-1, 38-1, 40-1 & 41-1.
(3)Color = DARK OLIVE GRAY.
(4)Color = WARM GARY.
(5)Color = BLACK.
(6)Spare parts is shown in Fig.167.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET		1						
1-1	1	172A46-64200	SEAT, OPERATOR		1					F	1
		(B=M32796)									
1-1A	2	172A46-64180	LOCK-FUSE,LID		1					W	
		(B=M32769)									
1-1B	2	172A46-64190	COVER, BACK		1					W	
		(B=M32769)									
1-2	1	172A46-64200	SEAT, OPERATOR		1					Z	6
		(B=M3F495)									
2	2	172455-64590	BOARD, FR SEAT BACK		1					Z	
		(B=M32796)									
3	2	172455-64600	TRACK ASSY, SEAT		1					Z	
		(B=M32796)									
4	2	172455-64610	TRACK ASSY, SEAT		1					Z	
		(B=M32796)									
5	2	172455-64710	SCREW		14					Z	
		(B=M32796)									
6	1	172122-55061	BRACKET, PUMP		2						
7	1	172187-61421	HANDLE, LOCK		1						3
7-1	1	172B02-69040	HANDLE,LOCK BLACK		1					S	5
		(B=M3F001)									
8	1	172A23-64200	MOUNT ASSY, SEAT		1						
8-1	1	172A23-64201	MOUNT ASSY, SEAT		1					N	
		(B=M32567)									
8-2	1	172A23-64201-N	MOUNT ASSY, SEAT		1					S	
		(B=M3F001)									
8-3	1	172A23-64202	MOUNT ASSY,SEAT		1					N	
		(B=M3F495)									
10	2	172A23-64700	SPONGE		1						
11	2	172456-64710	SPONGE		1						
12	2	172A23-64720	SPONGE		1						
13	1	172A23-64460	GRILLE ASSY		1						
13-1	1	172A23-64461	GRILLE ASSY		1					N	
		(B=M33952)									
13-2	1	172A23-64461-N	GRILLE ASSY		1					S	
		(B=M3F001)									
15	2	172A23-64500	SPONGE		1						
15-1	2	172A23-64501	SPONGE		1					N	
		(B=M33952)									
16	1	172458-64590	PLUG		1						4
16-1	1	172A21-61600	PLUG		1					S	5
		(B=M3F001)									
17	1	172458-64600	CLIP, TREE		3						4
17-1	1	172176-68210	CLIP, TREE		3					S	5
		(B=M3F001)									
18	1	172187-64800	CAP		1						
19	1	172456-64800	PIPE ASSY		1						
19-1	1	172456-64800-N	PIPE ASSY		1					S	
		(B=M3F001)									
20	2	172445-62010	TRIM		2						
22	1	172187-64900	PLUG		1						

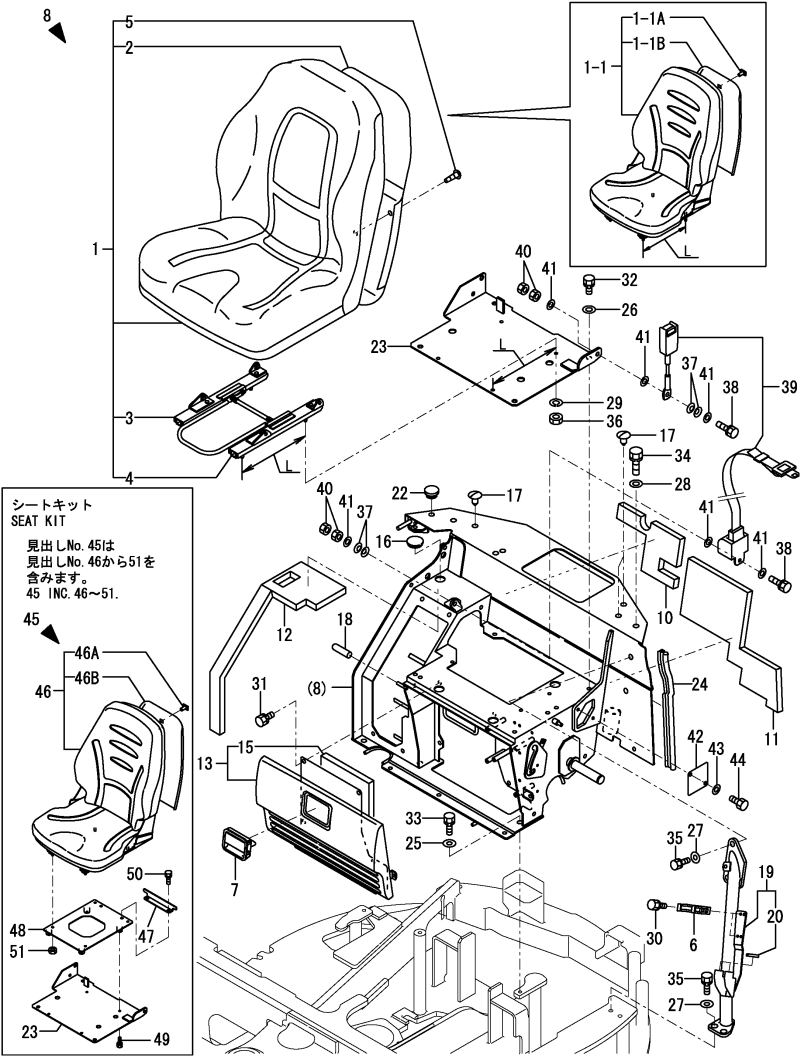
Fig.56. SEAT & MOUNT(CANOPY)(CRANE)(TO M3F494)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

見出しNo. 8は
見出しNo. (8)から12を含みます。
8 INC. (8) ~12.

172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig.130.



Remarks
(1)L=No.1 & 23 : 255mm, No.1-1 & 23-1 : 285mm.
(2)Interchangeable by simultaneous replacement with No.1-1 & 23-1.
(3)Color = DARK OLIVE GRAY.
(4)Color = WARM GARY.
(5)Color = BLACK.
(6)Spare parts is shown in Fig.167.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
23	1	172A23-64910	PLATE ASSY, SEAT		1						
23-1	1	172A23-64911	PLATE ASSY, SEAT (B=M32796)		1					S	1
23-2	1	172A23-64911-N	PLATE ASSY, SEAT (B=M3F001)		1					S	
24	1	172164-66480	RUBBER 340, SEAL		1						
25	1	22137-100000	WASHER, 10		3						
26	1	22137-100000	WASHER, 10		5						
27	1	22137-120000	WASHER, 12		4						
28	1	22137-120000	WASHER, 12		2						
29	1	22217-080000	WASHER, SPRING 8		4						
30	1	26013-060102	BOLT, SPRING M6X 10		4						
31	1	26013-100202	BOLT, SPRING M10X 20		4						
32	1	26013-100202	BOLT, SPRING M10X 20		5						
33	1	26013-100252	BOLT, SPRING M10X 25		3						
34	1	26013-120252	BOLT, SPRING M12X 25		2						
35	1	26013-120302	BOLT, SPRING M12X 30		4						
36	1	26716-080002	NUT, M8		4						
37	1	172652-64220	SPRING		4						
37-1	1	172A77-64270	SPRING (B=M35974)		4					F	2
38	1	172433-64511	BOLT		2						
38-1	1	26116-100352	BOLT, M10X 35 PLATED (B=M35974)		2					F	2
39	1	172A23-64770	BELT ASSY, SEAT		1						
39-1	1	1A8160-63400	BELT ASSY, SEAT (B=M35974)		1					R	
40	1	172187-64831	NUT		4						
40-1	1	26716-100002	NUT, M10 (B=M35974)		4					F	2
41	1	22137-120000	WASHER, 12		4						
41-1	1	22137-100000	WASHER, 10 (B=M35974)		4					F	2
41-2	1	22137-100000	WASHER, 10 (B=M35974)		6					K	
42	1	172458-64510	COVER, SEAT MOUNT (B=M30757)		1					Z	
43	1	22217-080000	WASHER, SPRING 8 (B=M30757)		2					Z	
44	1	26116-080162	BOLT, M8X 16 PLATED (B=M30757)		2					Z	
45	1	172456-08600	SEAT KIT (B=M/#33595)		1					W	
45-1	1	172456-08600-N	SEAT KIT (B=M3F001)		1					S	
45-2	1	172456-08600-N	SEAT KIT (B=M3F495)		1					Z	6
46	2	172A46-64200	SEAT, OPERATOR (B=M/#33595)		1					W	
46A	3	172A46-64180	LOCK-FUSE,LID (B=M33595)		1					W	

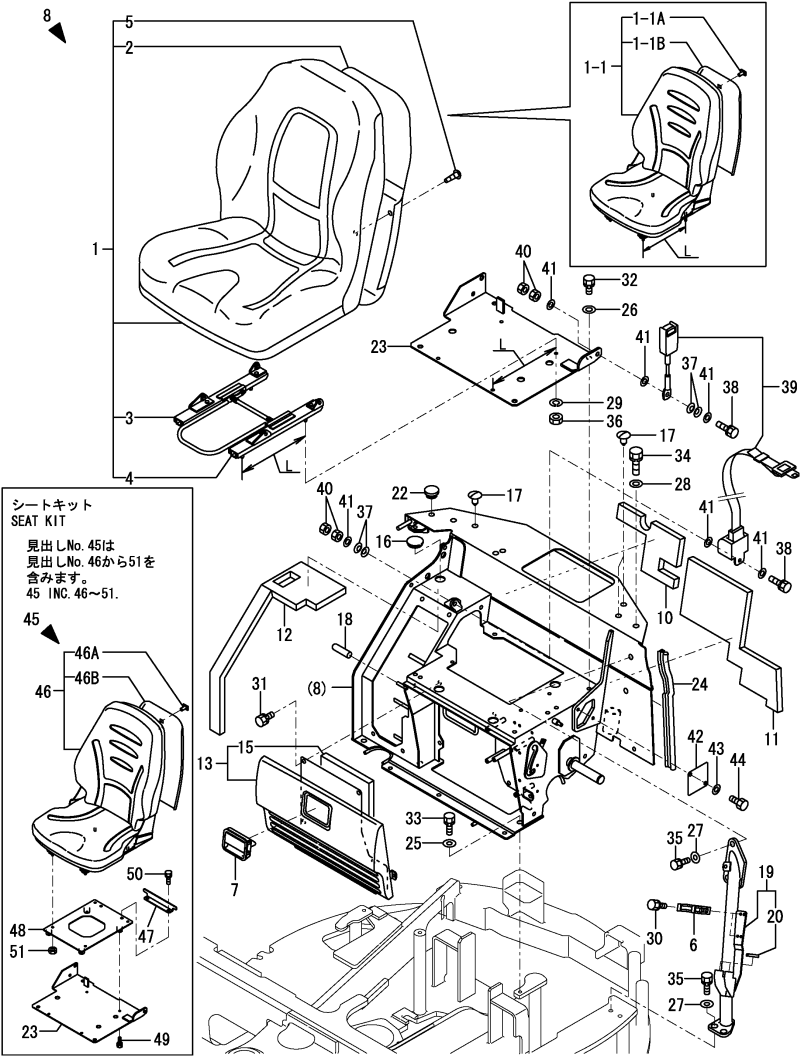
Fig.56. SEAT & MOUNT(CANOPY)(CRANE)(TO M3F494)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

見出しNo. 8は
見出しNo. (8)から12を含みます。
8 INC. (8) ~12.

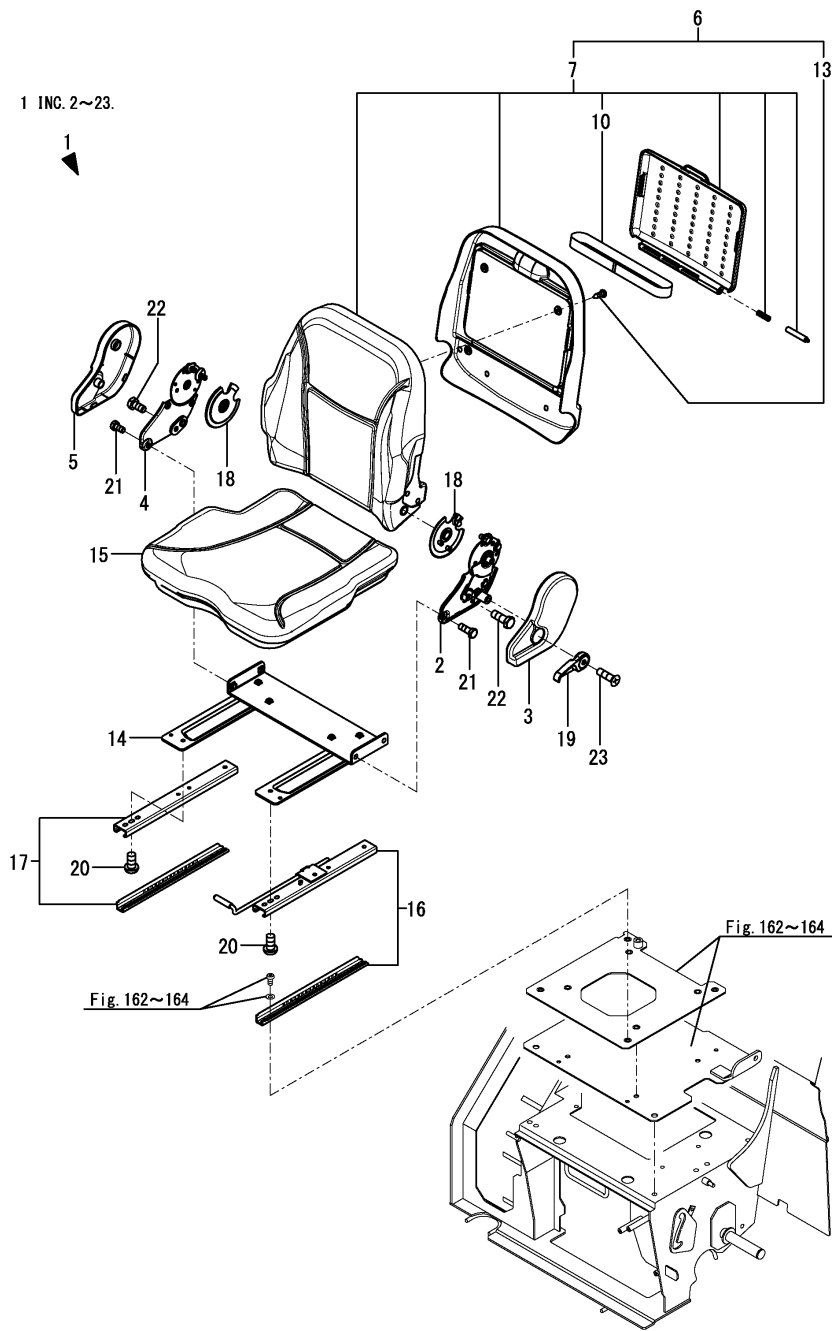
172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig.130.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46B	3	172A46-64190	COVER, BACK (B=M33595)		1						W
47	2	172A46-64520	STOPPER ASSY (B=M/#33595)		1						W
47-1	2	172A46-64520-N	STOPPER ASSY (B=M3F001)		1						S
48	2	172A46-64500	PLATE ASSY,SEAT (B=M/#33595)		1						W
48-1	2	172A46-64500-N	PLATE ASSY,SEAT (B=M3F001)		1						S
49	2	26013-080202	BOLT, SPRING M8X 20 (B=M/#33595)		4						W
50	2	26013-100202	BOLT, SPRING M10X 20 (B=M/#33595)		2						W
51	2	26051-080002	NUT, M8 (B=M/#33595)		4						W

Remarks
(1)L=No.1 & 23 : 255mm, No.1-1 & 23-1 : 285mm.
Interchangeable by simultaneous replacement with No.1-1 & 23-1.
(2)Interchangeable by simultaneous replacement with No.37-1, 38-1, 40-1 & 41-1.
(3)Color = DARK OLIVE GRAY.
(4)Color = WARM GARY.
(5)Color = BLACK.
(6)Spare parts is shown in Fig.167.

Fig.161. (56A)SEAT(FROM M3F495)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

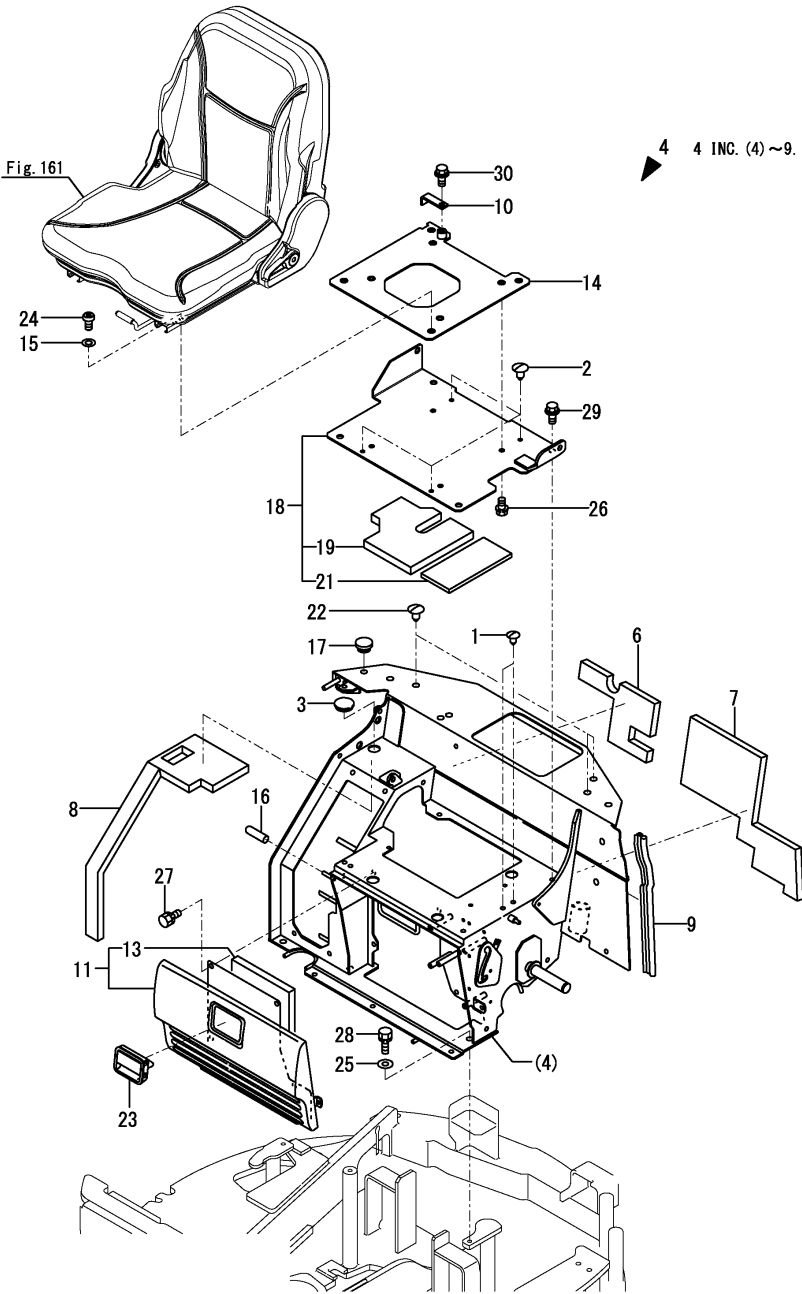
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-64070	SEAT ASSY, RECLINING	1	1	1					
2	2	172A64-64040	HINGE ASSY	1	1	1					
3	2	172A64-64060	COVER	1	1	1					
4	2	172A64-64080	HINGE ASSY	1	1	1					
5	2	172A64-64090	COVER	1	1	1					
6	2	172B02-64210	SEAT ASSY, BACK	1	1	1					
7	3	172B02-64270	BOX ASSY, MANUAL	1	1	1					
10	4	172A89-64950	BAND	1	1	1					
13	3	22859-500200	SCREW, 5.0 X 20	4	4	4					
14	2	172B02-64230	BRACKET ASSY, SEAT	1	1	1					
15	2	172A89-64780	SEAT, CUSHION	1	1	1					
16	2	172A89-64800	RAIL ASSY, TL	1	1	1					
17	2	172A89-64810	RAIL ASSY, TR	1	1	1					
18	2	172A89-64870	COVER	2	2	2					
19	2	172A89-64880	LEVER	1	1	1					
20	2	26106-080252	BOLT, M8X 25 PLATED	4	4	4					
21	2	26106-100162	BOLT, M10X 16 PLATED	6	6	6					
22	2	26106-100252	BOLT, M10X 25 PLATED	2	2	2					
23	2	26559-050202	SCREW, M5X20	1	1	1					

Fig.162. (56B)SEAT MOUNT(CABIN)(FROM M3F495)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

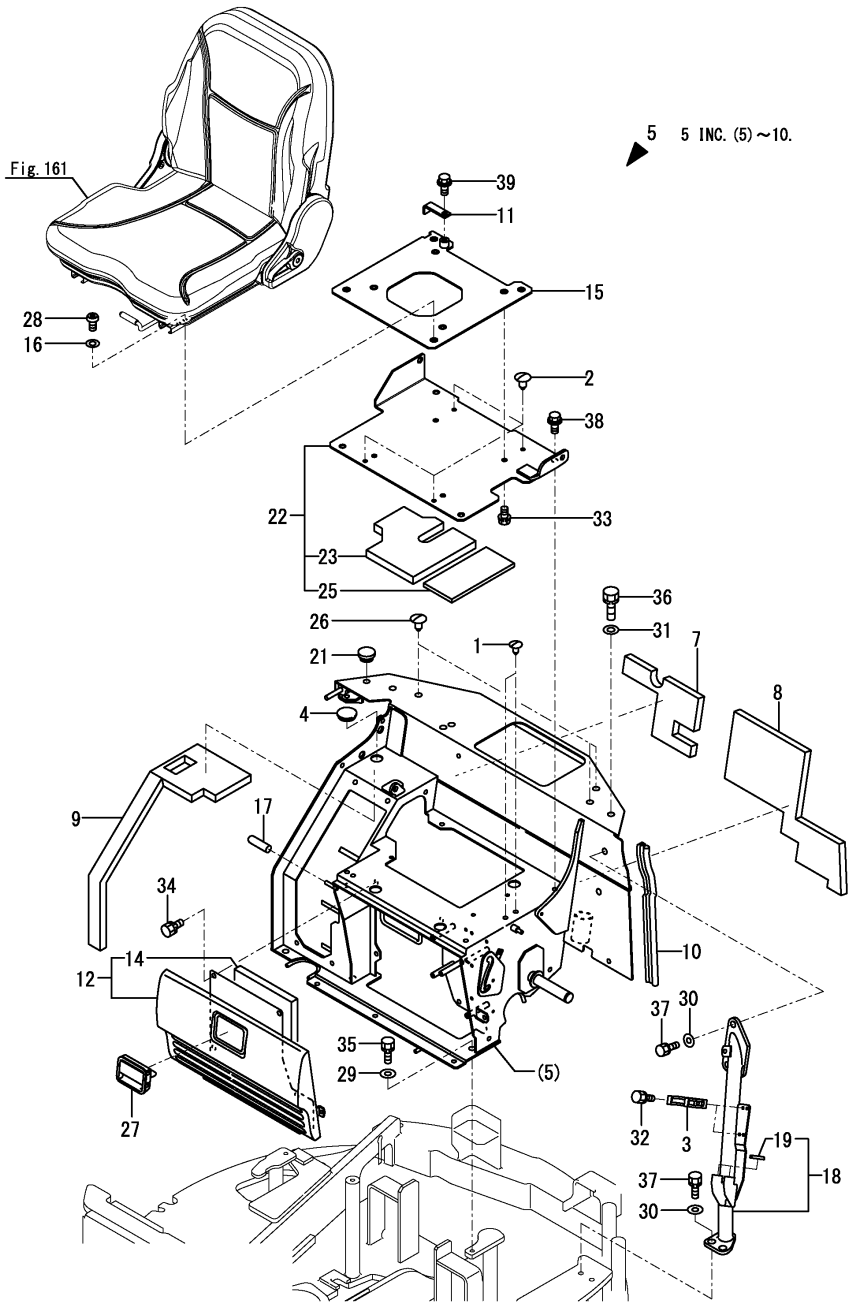


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2							
2	1	172122-17190	CLIP, TREE	4							
3	1	172A21-61600	PLUG	1							
4	1	172A23-64202	MOUNT ASSY,SEAT	1							
6	2	172A23-64700	SPONGE	1							
7	2	172456-64710	SPONGE	1							
8	2	172A23-64720	SPONGE	1							
9	2	172164-66480	RUBBER 340, SEAL	1							
10	1	172A36-64450	PLATE, LOCK	1							
11	1	172A23-64461-N	GRILLE ASSY	1							
13	2	172A23-64501	SPONGE	1							
14	1	172A23-64550	PLATE ASSY,MOUNT	1							
15	1	172A23-64600	COLLAR	4							
16	1	172187-64800	CAP	1							
17	1	172187-64900	PLUG	1							
18	1	172A36-64903	PLATE ASSY,SEAT	1							
19	2	172A23-64882	SPONGE	1							
21	2	172A23-64930	INSURATOR,SEAT	1							
22	1	172176-68210	CLIP, TREE D25XL15	3							
23	1	172B02-69040	HANDLE,LOCK BLACK	1							
24	1	172958-83320	BOLT	4							
25	1	22137-100000	WASHER, 10	3							
26	1	26013-100162	BOLT, M10X 16	4							
27	1	26013-100202	BOLT, M10X 20	4							
28	1	26013-100252	BOLT, M10X 25	3							
29	1	26014-100202	BOLT, M10X 20	5							
30	1	26014-100202	BOLT, M10X 20	1							

Fig.163. (56C)SEAT MOUNT(CANOPY)(FROM M3F495)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

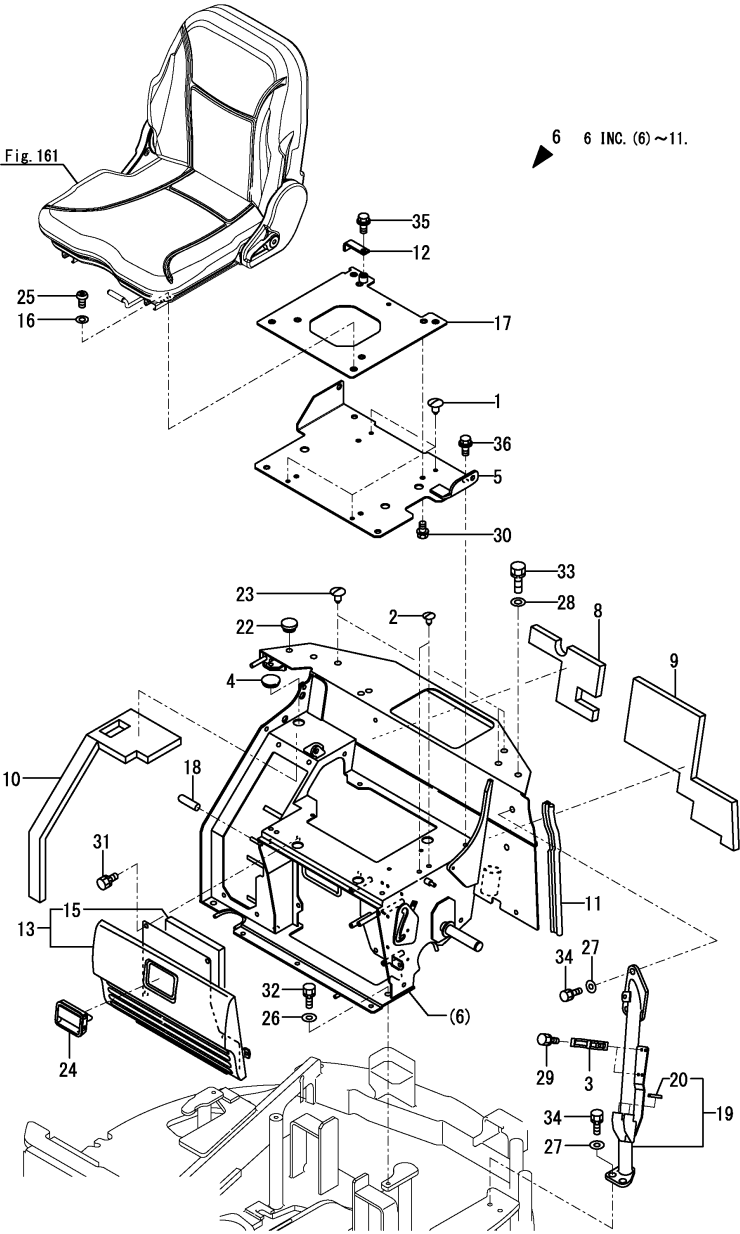


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE		2	2					
2	1	172122-17190	CLIP, TREE		4	4					
3	1	172122-55061	BRACKET, PUMP		2	2					
4	1	172A21-61600	PLUG		1	1					
5	1	172A23-64202	MOUNT ASSY,SEAT		1	1					
7	2	172A23-64700	SPONGE		1	1					
8	2	172456-64710	SPONGE		1	1					
9	2	172A23-64720	SPONGE		1	1					
10	2	172164-66480	RUBBER 340, SEAL		1	1					
11	1	172A36-64450	PLATE, LOCK		1	1					
12	1	172A23-64461-N	GRILLE ASSY		1	1					
14	2	172A23-64501	SPONGE		1	1					
15	1	172A23-64550	PLATE ASSY,MOUNT		1	1					
16	1	172A23-64600	COLLAR		4	4					
17	1	172187-64800	CAP		1	1					
18	1	172456-64800-N	PIPE ASSY		1	1					
19	2	172445-62010	TRIM		2	2					
21	1	172187-64900	PLUG		1	1					
22	1	172A36-64903	PLATE ASSY,SEAT		1	1					
23	2	172A23-64882	SPONGE		1	1					
25	2	172A23-64930	INSURATOR,SEAT		1	1					
26	1	172176-68210	CLIP, TREE D25XL15		3	3					
27	1	172B02-69040	HANDLE,LOCK BLACK		1	1					
28	1	172958-83320	BOLT		4	4					
29	1	22137-100000	WASHER, 10		3	3					
30	1	22137-120000	WASHER, 12		4	4					
31	1	22137-120000	WASHER, 12		2	2					
32	1	26013-060102	BOLT, M6X 10		4	4					
33	1	26013-100162	BOLT, M10X 16		4	4					
34	1	26013-100202	BOLT, M10X 20		4	4					
35	1	26013-100252	BOLT, M10X 25		3	3					
36	1	26013-120252	BOLT, M12X 25		2	2					
37	1	26013-120302	BOLT, M12X 30		4	4					
38	1	26014-100202	BOLT, M10X 20		5	5					
39	1	26014-100202	BOLT, M10X 20		1	1					

Fig.164. (56D)SEAT MOUNT(CANOPY)(CRANE)(FROM M3F495)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

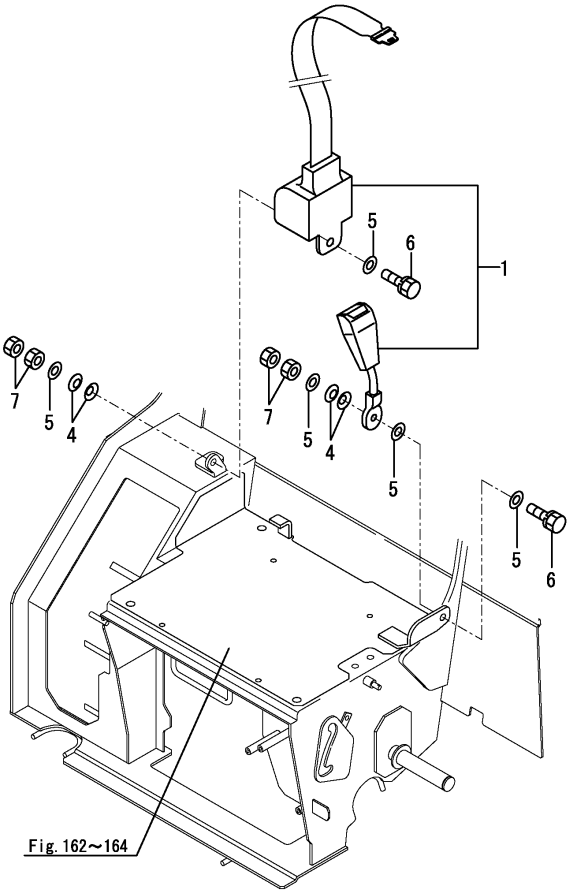
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE		4						
2	1	172122-17190	CLIP, TREE		2						
3	1	172122-55061	BRACKET, PUMP		2						
4	1	172A21-61600	PLUG		1						
5	1	172A23-64060	PLATE ASSY, SEAT K		1						
6	1	172A23-64202	MOUNT ASSY, SEAT		1						
8	2	172A23-64700	SPONGE		1						
9	2	172456-64710	SPONGE		1						
10	2	172A23-64720	SPONGE		1						
11	2	172164-66480	RUBBER 340, SEAL		1						
12	1	172A36-64450	PLATE, LOCK		1						
13	1	172A23-64461-N	GRILLE ASSY		1						
15	2	172A23-64501	SPONGE		1						
16	1	172A23-64600	COLLAR		4						
17	1	172A23-64730	PLATE ASSY, MOUNT K		1						
18	1	172187-64800	CAP		1						
19	1	172456-64800-N	PIPE ASSY		1						
20	2	172445-62010	TRIM		2						
22	1	172187-64900	PLUG		1						
23	1	172176-68210	CLIP, TREE D25XL15		3						
24	1	172B02-69040	HANDLE, LOCK BLACK		1						
25	1	172958-83320	BOLT		4						
26	1	22137-100000	WASHER, 10		3						
27	1	22137-120000	WASHER, 12		4						
28	1	22137-120000	WASHER, 12		2						
29	1	26013-060102	BOLT, M6X 10		4						
30	1	26013-100162	BOLT, M10X 16		4						
31	1	26013-100202	BOLT, M10X 20		4						
32	1	26013-100252	BOLT, M10X 25		3						
33	1	26013-120252	BOLT, M12X 25		2						
34	1	26013-120302	BOLT, M12X 30		4						
35	1	26014-100202	BOLT, M10X 20		1						
36	1	26014-100202	BOLT, M10X 20		5						

Remarks
* Crane kit(canopy) is shown in Fig.130.

Fig.165. (56E)SEAT BELT(FROM M3F495)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

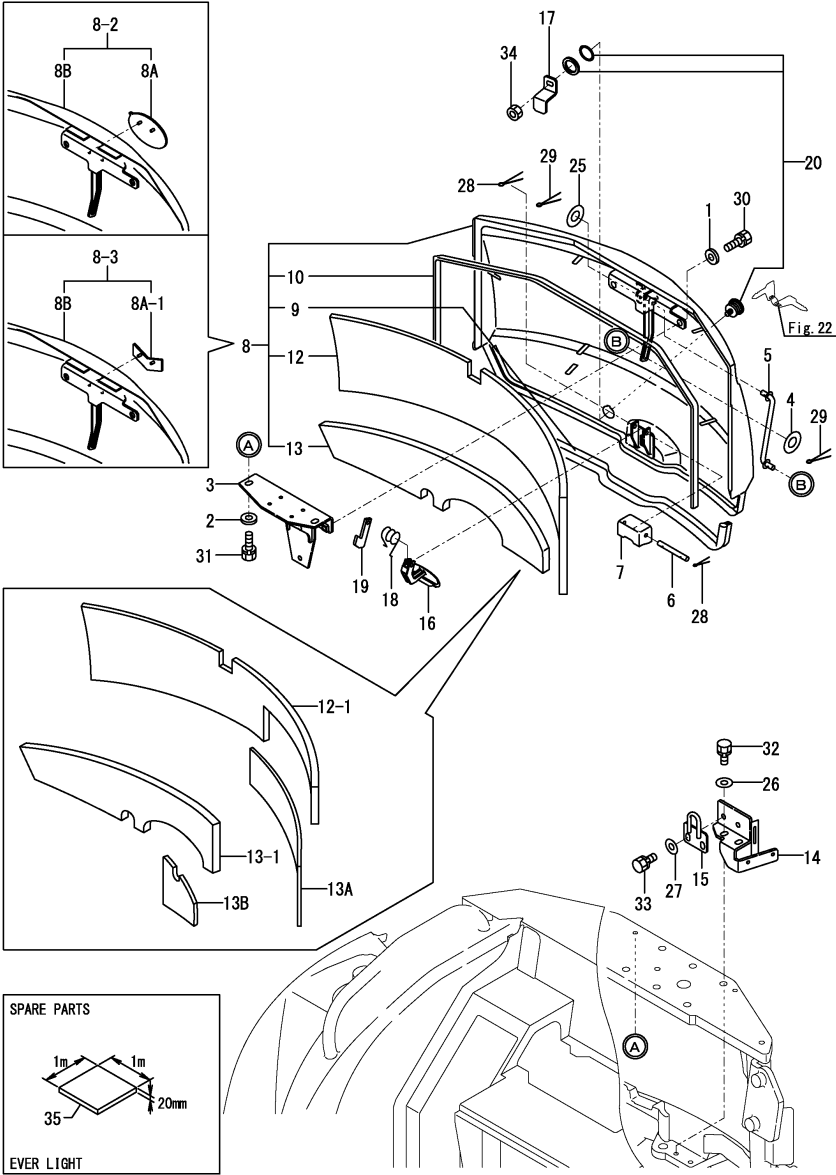
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8160-63401	SEATBELT ASSY	1	1	1					
4	1	172A77-64270	SPRING	4	4	4					
5	1	22137-100000	WASHER, 10	6	6	6					
6	1	26116-100352	BOLT, M10X 35 PLATED	2	2	2					
7	1	26716-100002	NUT, M10	4	4	4					

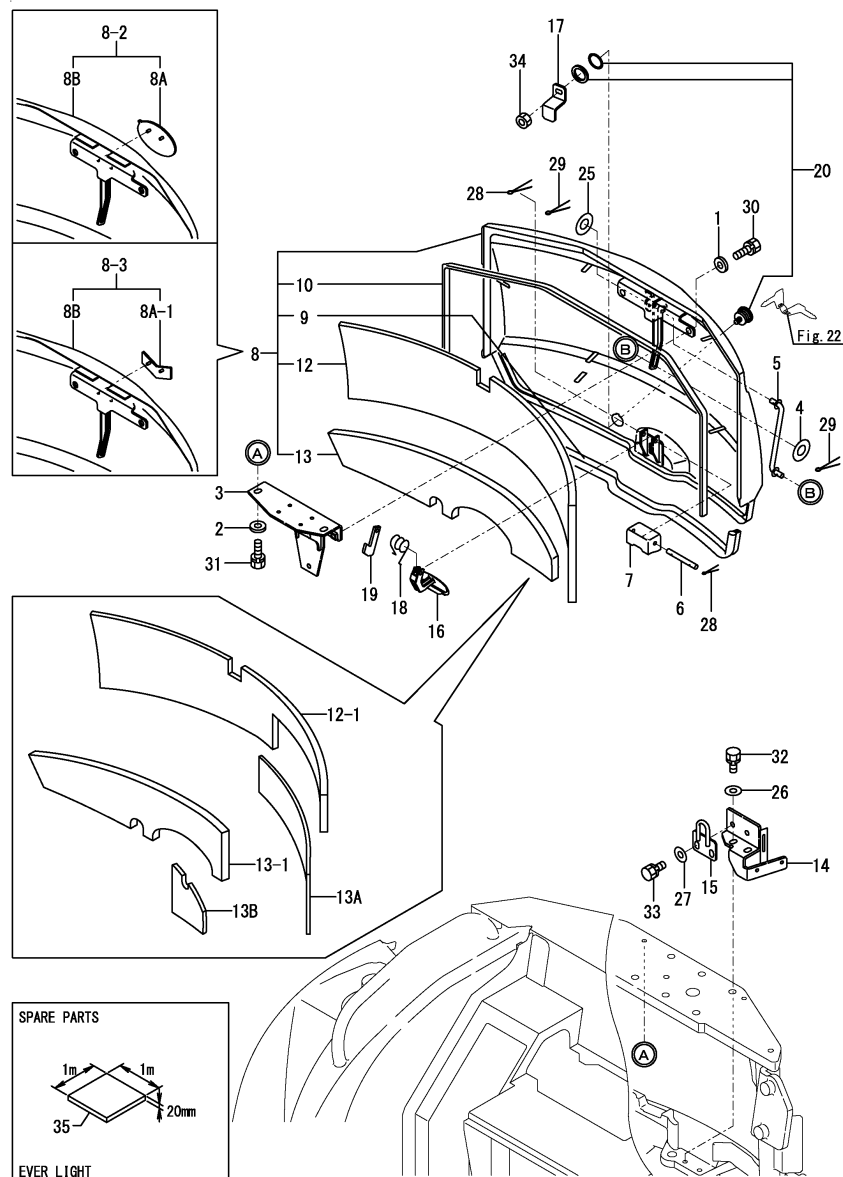
Fig.57. BONNET(1)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER, 10	2	2	2					
2	1	194145-04810	WASHER, 10	2	2	2					
3	1	172458-11552	BRACKET ASSY	1	1	1					
4	1	1A1380-62160	WASHER, BELT COVER	1	1	1					
5	1	172444-64730	ROD ASSY, STOPPER	1	1	1					
6	1	172458-65050	SHAFT	1	1	1					
7	1	172458-65060	COVER, LOCK	1	1	1					
8	1	172487-65100-2	BONNET A (GREEN:2Q)	1	1	1					
8-1	1	172487-65101-3	BONNET A (GREEN:2Q)	1	1	1					N
(A=M33952) (B=M33952) (C=M33952)											
8-2	1	172A23-08450	BONNET KIT, Y	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
8-3	1	172A23-08451	BONNET KIT, Y D	1	1	1					S
(A=M3F001) (B=M3F001) (C=M3F001)											
8A	2	172A64-03050	EMBLEM ASSY	1	1	1					W
(A=M38501) (B=M38501) (C=M38501)											
8A-1	2	172A64-03400	EMBLEM ASSY,FY L2 Y	1	1	1					S
(A=M3F001) (B=M3F001) (C=M3F001)											
8B	2	172A23-65600	BONNET ASSY	1	1	1					W
(A=M38501) (B=M38501) (C=M38501)											
9	3	172458-65070	SEAL	1	1	1					
10	3	172458-65080	RUBBER, SEAL	1	1	1					
12	3	172487-65110	SEAL	1	1	1					
12-1	3	172487-65111	SEAL A	1	1	1					F 1
(A=M33952) (B=M33952) (C=M33952)											
13	3	172487-65120	SEAL	1	1	1					
13-1	3	172487-65121	SEAL B	1	1	1					F 2
(A=M33952) (B=M33952) (C=M33952)											
13A	3	172487-65130	INSURATOR	1	1	1					W
(A=M33952) (B=M33952) (C=M33952)											
13B	3	172487-65140	INSURATOR	1	1	1					W
(A=M33952) (B=M33952) (C=M33952)											
14	1	172456-65150	BRACKET, LOCK	1	1	1					
14-1	1	172456-65150-1	BRACKET, LOCK	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
15	1	172456-65171	BRACKET B, LOCK	1	1	1					
16	1	172187-65210	LEVER ASSY, LOCK	1	1	1					
17	1	172458-65271	PLATE, LOCK	1	1	1					
18	1	172734-65270	SPRING, CATCH	1	1	1					
19	1	172124-65480	CATCHER	1	1	1					
20	1	172164-66170	KEY ASSY, CYLINDER	1	1	1					
25	1	22137-080000	WASHER, 8	1	1	1					
26	1	22137-100000	WASHER, 10	2	2	2					
27	1	22137-100000	WASHER, 10	2	2	2					
28	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
29	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
30	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
31	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
32	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
33	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
34	1	26347-100002	NUT, M10	1	1	1					



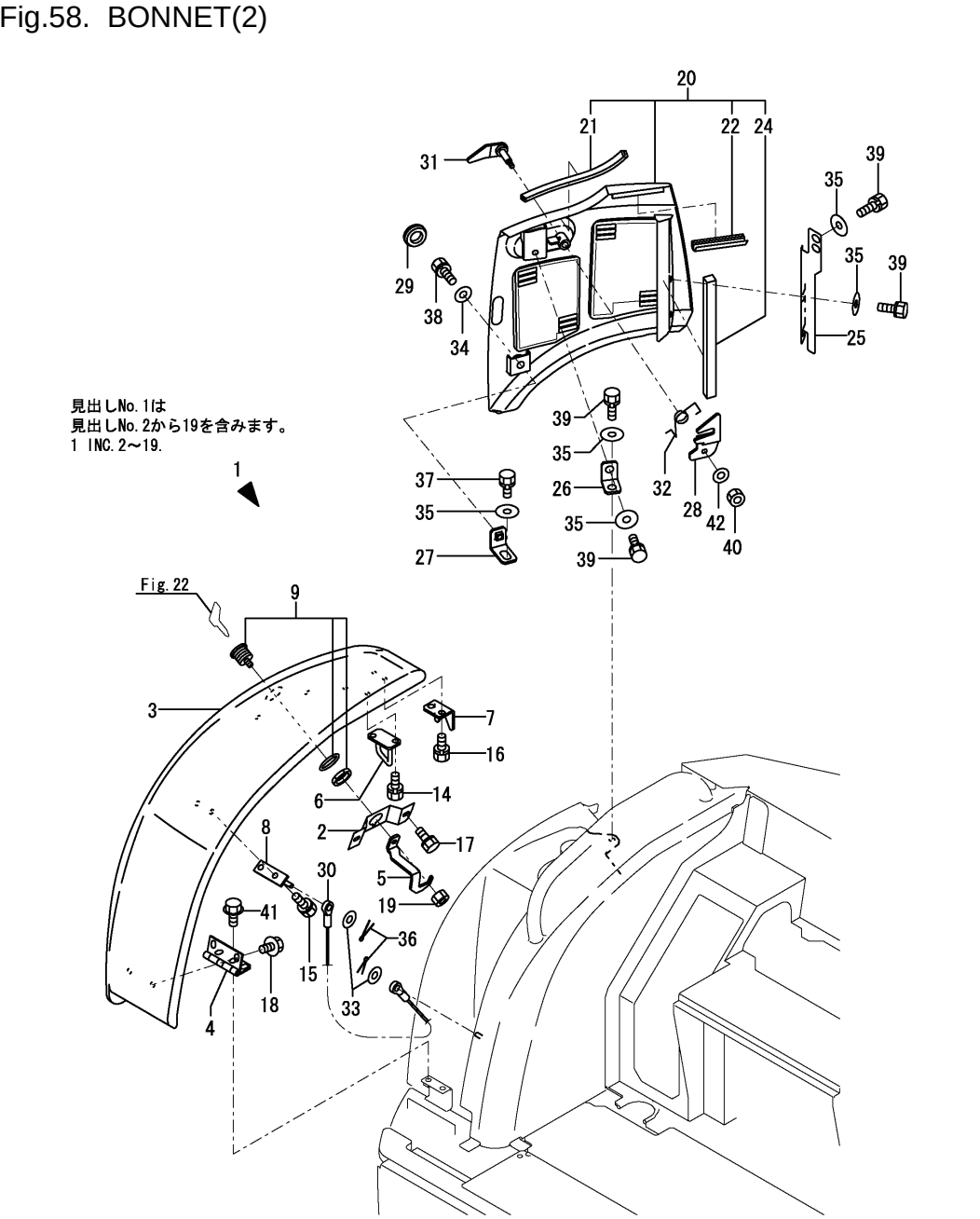
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35	1	172478-65750	SPONGE	1	1	1					

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.13A.
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.13B.

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

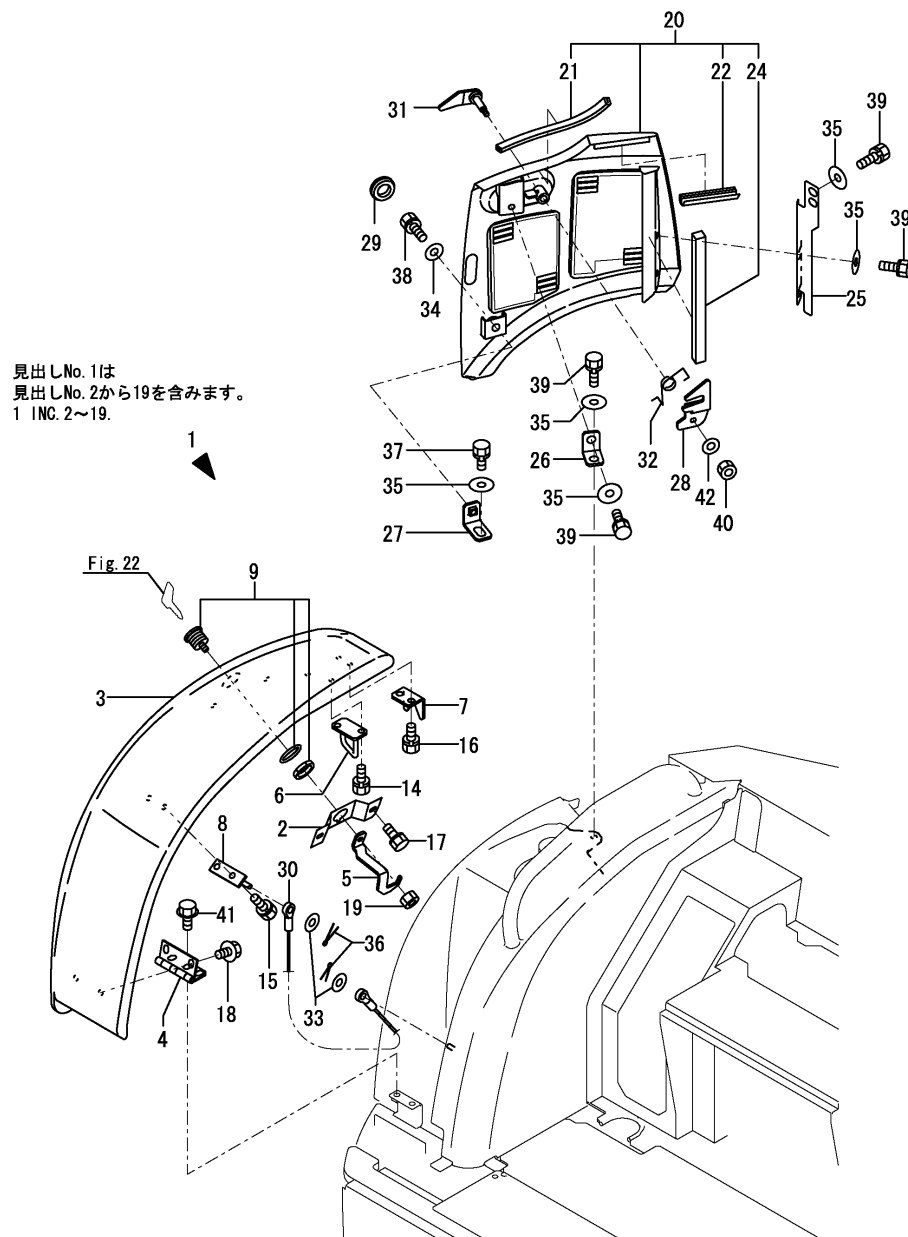
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Fig.58. BONNET(2)



Remarks
(1)Color = PEACOCK GREEN.
(2)Color = TURMERIC YELLOW.
(3)Color = BLACK.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-65490	BONNET ASSY (A=M/#32722) (B=M/#32722) (C=M/#32722)	1	1	1				W	1
1-1	1	172A23-65490	BONNET ASSY,B TY (A=M38501) (B=M38501) (C=M38501)	1	1	1				S	2
1-2	1	172A36-65530	BONNET ASSY,B BK (A=M3F001) (B=M3F001) (C=M3F001)	1	1	1				S	3
2	2	172455-65230-4	PLATE, KEY	1	1	1					
2-1	2	172455-65230	PLATE, KEY (C=M/#32643)			1					N
3	2	172456-65500	BONNET	1	1	1					1
3-1	2	172A23-65500	BONNET,B Y (A=M38501) (B=M38501) (C=M38501)	1	1	1				S	2
3-2	2	172A36-65540	BONNET B,BLACK (A=M3F001) (B=M3F001) (C=M3F001)	1	1	1				S	3
4	2	172456-65511	HINGE, BONNET	1	1	1					
4-1	2	172456-65511-2	HINGE, BONNET (A=M/#33092) (B=M/#33092) (C=M/#33092)	1	1	1				S	
4-2	2	172456-65511-3	HINGE, BONNET (A=*2005.02.) (B=*2005.02.) (C=*2005.02.)	1	1	1					N
5	2	172487-65520	PLATE,HOOK	1	1	1					
6	2	172458-65540	PLATE ASSY, STOPPER	1	1	1					
7	2	172458-65560	PLATE, GUIDE	1	1	1					
8	2	172458-65640	STAY ASSY, WIRE	1	1	1					
9	2	172164-66170	KEY ASSY, CYLINDER	1	1	1					
14	2	26013-100202	BOLT, SPRING M10X 20	2	2	2					
15	2	26013-100202	BOLT, SPRING M10X 20	2	2	2					
16	2	26013-100202	BOLT, SPRING M10X 20	2	2	2					
17	2	26013-100202	BOLT, SPRING M10X 20	2	2	2					
18	2	26106-100162	BOLT, M10X 16 PLATED	2	2	2					
19	2	26347-100002	NUT, M10	1	1	1					
20	1	172456-65302-4	BONNET R ASSY (2Q)	1	1	1					
20-1	1	172456-65302-Y	BONNET R ASSY (A=M38501) (B=M38501) (C=M38501)	1	1	1				S	
21	2	172434-61190	TRIM	1	1	1					
22	2	172458-61500	RUBBER, SEAL	1	1	1					
24	2	172456-65890	SEAL, 20X20	1	1	1					
25	1	172456-65441	BRACKET A	1	1	1					
26	1	172456-65450	BRACKET B,BONNET R	1	1	1					
27	1	172456-65461	BRACKET ASSY	1	1	1					
28	1	172456-65520	PLATE,HOOK	1	1	1					
29	1	172455-65590	PLUG	1	1	1					
29-1	1	172463-65410	PLUG (A=M38501) (B=M38501) (C=M38501)	1	1	1				S	
29-2	1	172A21-61600	PLUG (A=*2012.05.) (B=*2012.05.) (C=*2012.05.)	1	1	1					N
30	1	172458-65600	CABLE	1	1	1					
31	1	172458-65610	HOOK ASSY	1	1	1					
32	1	172156-65690	SPRING, STOPPER	1	1	1					
33	1	22137-080000	WASHER, 8	2	2	2					
34	1	22137-100000	WASHER, 10	1	1	1					
35	1	22157-100000	WASHER, 10	7	7	7					



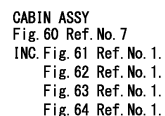
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35-1	1	22157-100000	WASHER, 10	6	6	6				K	
	(A=M/#32722)	(B=M/#32722)	(C=M/#32722)								
36	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
37	1	26013-100202	BOLT, SPRING M10X 20	1	1	1					
38	1	26013-100252	BOLT, SPRING M10X 25	1	1	1					
39	1	26013-100252	BOLT, SPRING M10X 25	6	6	6					
40	1	26347-080002	NUT, M8	1	1	1					
41	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2				W	
	(A=M/#32722)	(B=M/#32722)	(C=M/#32722)								
42	1	22137-080000	WASHER, 8	1	1	1				W	
	(A=*2011.01.)	(B=*2011.01.)	(C=*2011.01.)								

Remarks
(1)Color = PEACOCK GREEN.
(2)Color = TURMERIC YELLOW.
(3)Color = BLACK.

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

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Fig.60. CABIN(ACCESSORY)(T SPEC.)(TO M3B681)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER	9							
2	1	172652-13320	SEAL, RADIATOR	1							
2-1	1	172458-54750	SEAL	1							N
(A=M/#31399)											
3	1	172190-16500	HARNES, WIRE	1							
4	1	172122-55061	BRACKET, PUMP	2							
5	1	172458-63580	SPACER	1							
6	1	172458-63900	STOPPER	2							
7	1	172456-68401	CABIN ASSY	1							1
7-1	1	172456-68402	CABIN ASSY	1							R 1
(A=M39448)											
7-2	1	172456-68402	CABIN ASSY	1							Z
(A=M3B682)											
8	1	172456-68810	SEAL	1							
9	1	172456-68900	HOLDER, GREASE GUN	1							
9-1	1	172456-68901	HOLDER, GREASE GUN	1							N
(A=M/#31024)											
10	2	172445-62010	TRIM	2							
12	1	22217-120000	WASHER, SPRING 12	9							
13	1	26013-060102	BOLT, SPRING M6X 10	4							
14	1	26013-060162	BOLT, SPRING M6X 16	2							
14-1	1	26013-060202	BOLT, SPRING M6X 20	2							N
(A=M/#31024)											
15	1	26076-120402	BOLT, 10.912X 40	9							
15-1	1	26076-120402	BOLT, 10.912X 40	7							K
(A=M37001)											
16	1	172A23-68190	GUARD ASSY, FOPS	1							
16-1	1	172A23-68190-1	GUARD ASSY, FOPS	1							S
(A=M/#33092)											
17	2	172480-13530	SEAL	2							
19	1	172164-68270	SPACER	2							
20	1	26116-080202	BOLT, M8X 20 PLATED	1							
21	1	172A25-68301	BRACKET, MIRROR	1							
21-1	1	172A25-68301-1	BRACKET, MIRROR	1							S
(A=M/#33092)											
22-1	1	172A23-68500	BRACKET ASSY, MIRROR	1							
22-2	1	172A23-68500-1	BRACKET ASSY, MIRROR	1							S
(A=M/#33092)											
23	1	172A25-68500	MIRROR, REARVIEW	1							
24	1	26013-100162	BOLT, SPRING M10X 16	2							
24-1	1	26013-100252	BOLT, SPRING M10X 25	2							N
(A=*2009.01.)											
25	1	172456-65800	RUBBER, SEAL 150	1							W
(A=M/#31399)											
26	1	26076-120302	BOLT, 10.912X 30	2							W
(A=M37001)											
27	1	172444-17660	CLIP, TREE	1							
(A=*2012.03.)											
28	1	172176-67790	PLUG	3							
(A=*2012.03.)											
29	1	172A23-68550	GUIDE, STOPPER	1							W

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

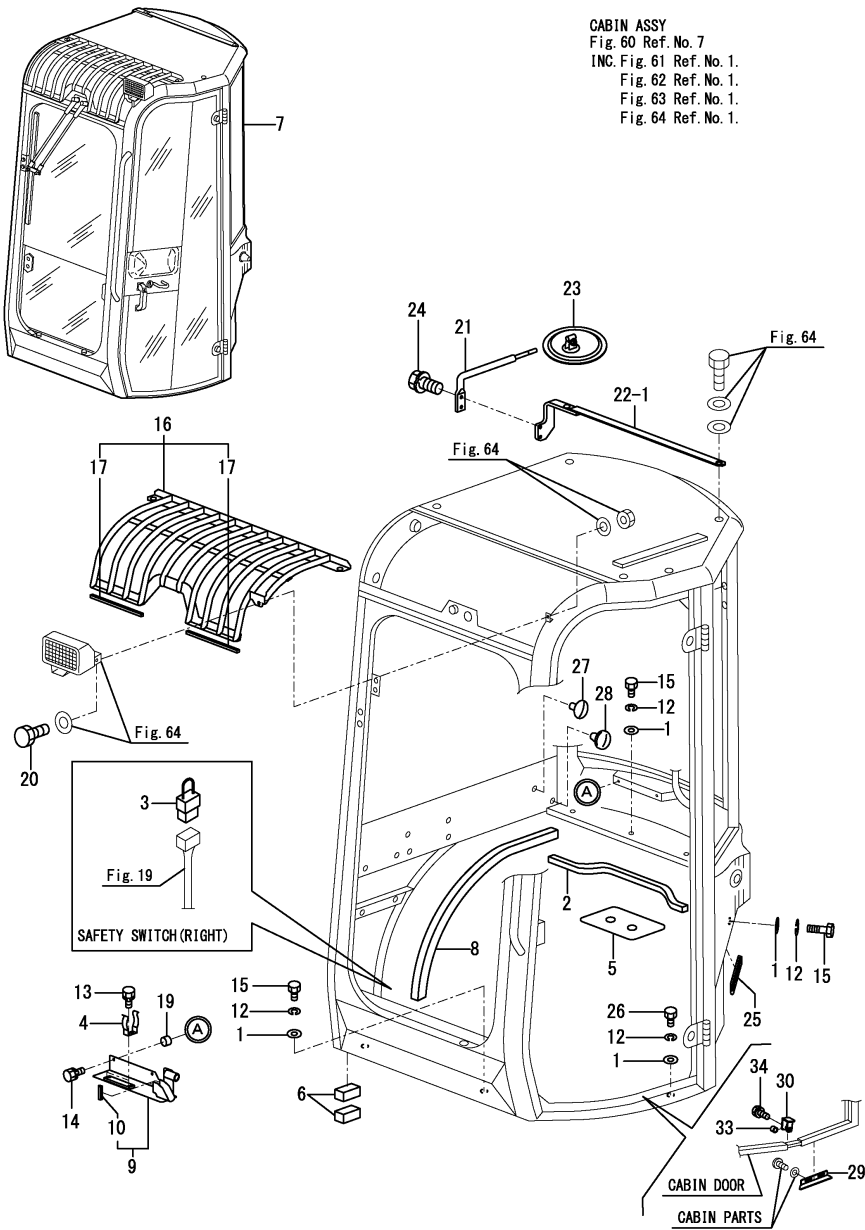
(1) Inner parts are shown in Fig.61, 62, 63 & 64.

Fig.60. CABIN(ACCESSORY)(T SPEC.)(TO M3B681)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

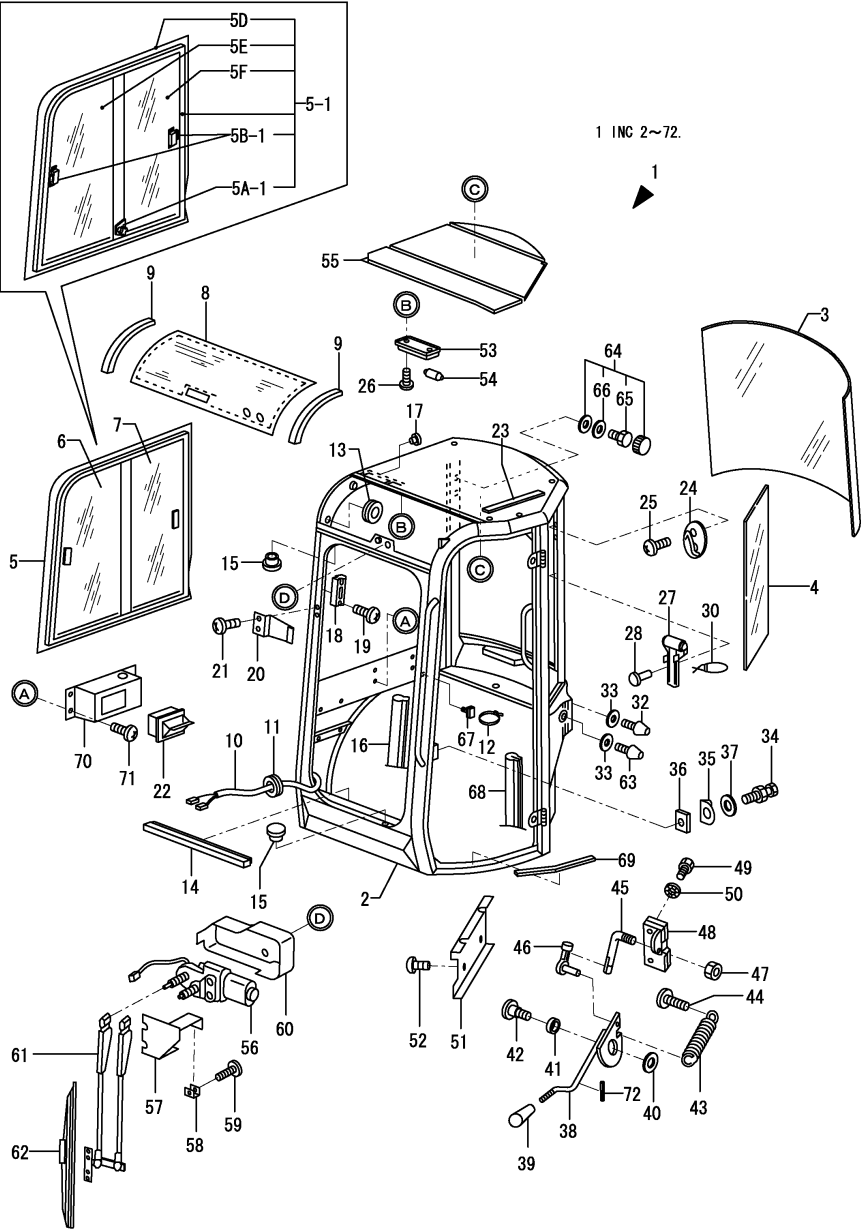
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
30	1	172A23-68600	CLAMP ASSY, STOPPER	1							W
33	1	172A46-72070	SPACER	1							W
34	1	26013-060202	BOLT, SPRING M6X 20	1							W



Remarks
(1)Inner parts are shown in Fig.61, 62, 63 & 64.

Fig.61. CABIN(BODY)



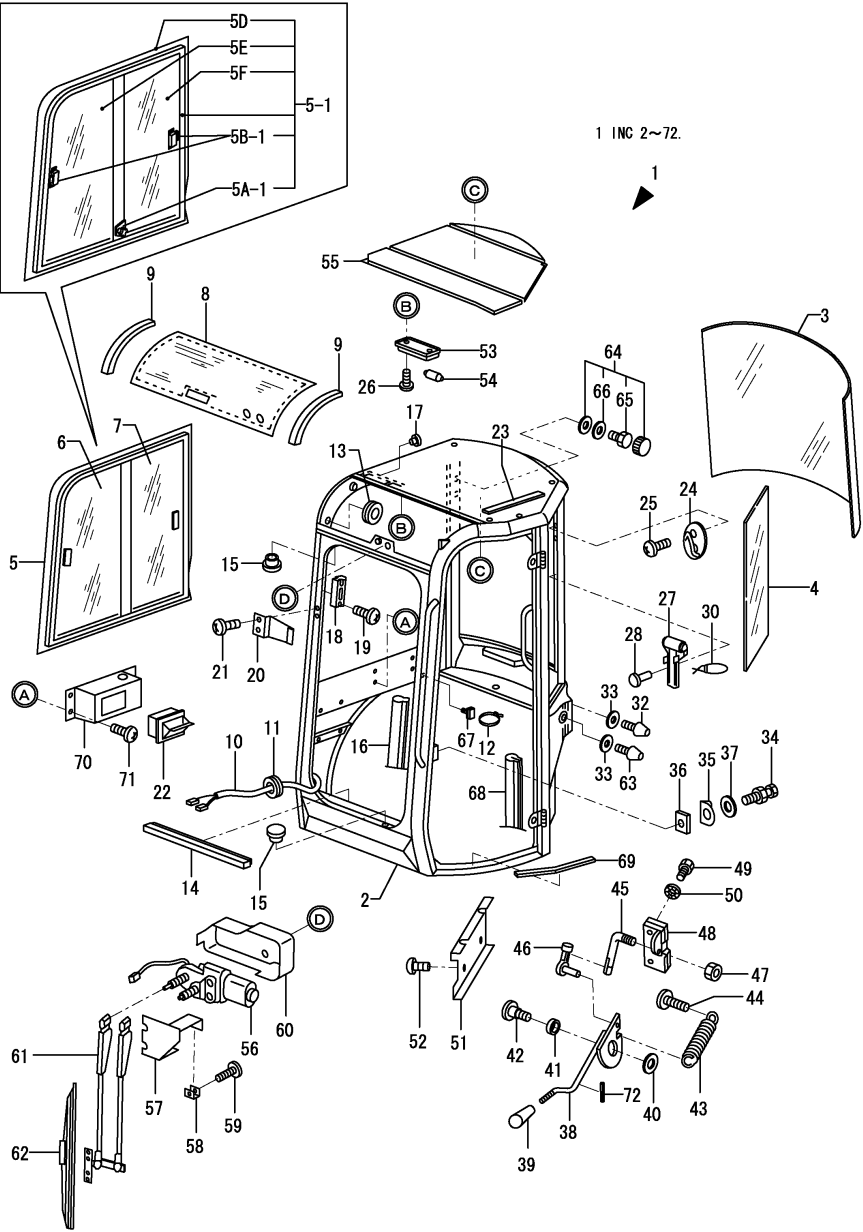
Remarks
*Cabin assy is shown in Fig.60.
(1)Plese cope in Ref.No.5-1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-68410	CABIN BODY ASSY	1							
1-1	2	172456-68411	CABIN BODY ASSY	1							N
(A=MXXXXX)											
2	3	172456-68420	CABIN ASSY	1							
3	3	172456-68430	GLASS	1							
4	3	172456-68440	GLASS	1							
5	3	172456-68450	SASH	1							
5-1	3	172456-68451	GLASS ASSY	1							N
(A=MXXXXX)											
5A-1	4	172A21-69870	STOPPER	1							
5B-1	4	172A21-69890	LATCH	2							
5D	4	172456-67940	FRAME ASSY, WINDOW	1							
5E	4	172456-68461	GLASS, SIDE RF	1							
5F	4	172456-68471	GLASS, SIDE RR	1							
6	3	172456-68460	GLASS	1						Z	1
(A=MXXXXX)											
7	3	172456-68470	GLASS	1						Z	1
(A=MXXXXX)											
8	3	172456-68480	GLASS, SKYLIGHT	1							
9	3	172456-68490	SEAL, JOINT 300	2							
10	3	172456-68500	WIRE HARNESS	1							
11	3	172456-68510	GROMMET	1							
12	3	172456-68520	CLAMP, CABLE	6							
13	3	172456-68530	GROMMET, 16X22X3	2							
14	3	172456-68540	SEAL, 640	1							
15	3	172456-68550	STOPPER	4							
16	3	172456-68560	SEAL, 3040	1							
17	3	172456-68570	PLUG	1							
18	3	172456-68580	STRIKER	2							
19	3	172456-68590	SCREW, M6X12	4							
20	3	172456-68600	SUPPORT, WIPER BLADE	1							
21	3	172456-68610	SCREW, M5X8	2							
22	3	172456-68620	ASHTRAY	1							
23	3	172456-68630	SEAL, 310	1							
24	3	172456-68640	HOOK	1							
25	3	172456-68650	SCREW, M3.5X12.7	2							
26	3	172456-68650	SCREW, M3.5X12.7	2							
27	3	172456-68660	HAMMER	1							
28	3	172456-68670	RIVET 3.2X8	2							
30	3	172456-68680	SEAL, BAND	1							
32	3	172456-68700	STOPPER, DOOR	1							
33	3	172456-68710	WASHER, 10X38X5	2							
34	3	172456-68720	CATCH, DOOR	1							
35	3	172456-68730	PROTECTOR L	1							
36	3	172456-68740	PLATE L	1							
37	3	172456-68750	WASHER, 12X30X2	1							
38	3	172456-68760	LEVER DOOR LOCK	1							
39	3	172456-68770	KNOB, LEVER	1							
40	3	172456-68780	WASHER	1							
41	3	172456-68790	COLLAR, NYLON	1							
42	3	172456-68800	SCREW	1							

Fig.61. CABIN(BODY)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



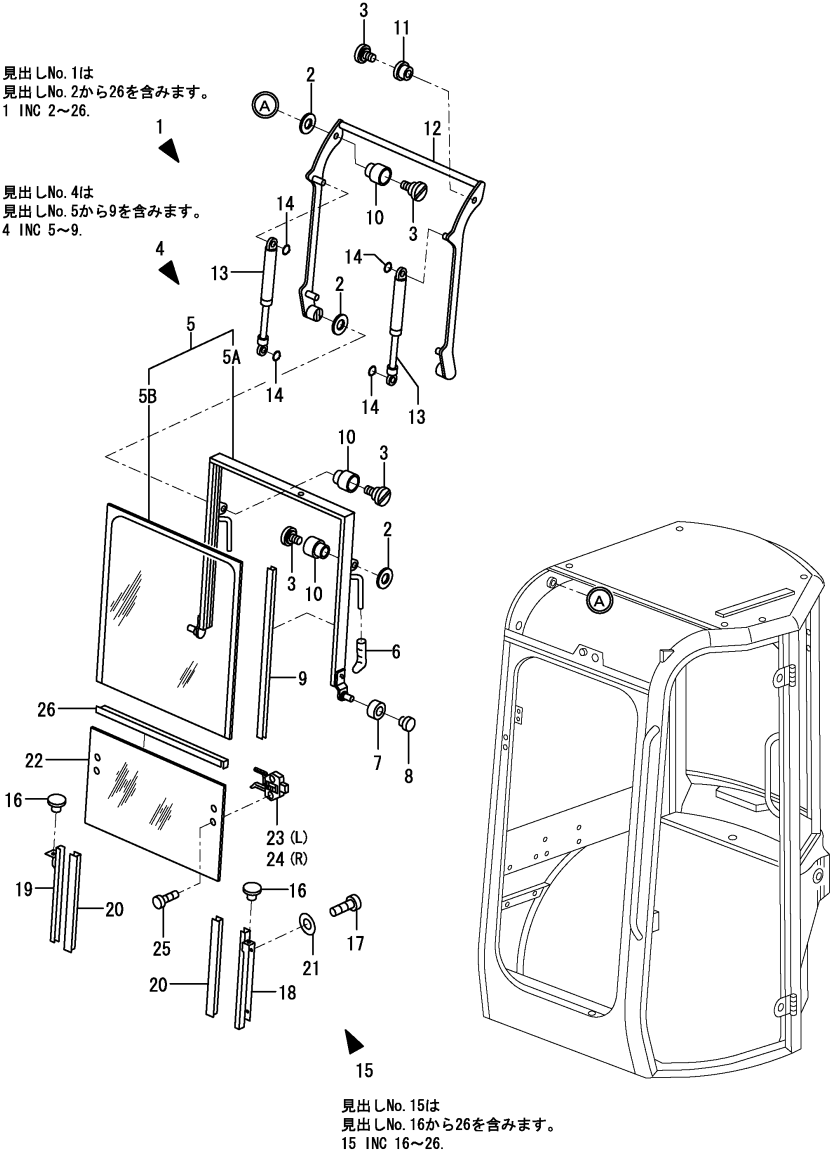
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
43	3	172456-68830	SPRING, 1.5X10X50	1							
44	3	172456-68840	SCREW, M8X20	1							
45	3	172456-68850	LINKAGE	1							
46	3	172456-68860	CLIP	1							
47	3	172456-68870	NUT, SAFETY	1							
48	3	172456-68880	CATCH, DOOR	1							
49	3	172456-68890	SCREW, M6X25	4							
50	3	172456-68930	WASHER	4							
51	3	172456-68940	COVER, LOCK	1							
52	3	172456-68950	SCREW, M6X16	4							
53	3	172456-68960	ROOM LAMP	1							
54	3	172456-68970	LAMP	1							
55	3	172456-68980	INNER ROOF	1							
56	3	172456-68990	WIPER MOTOR	1							
57	3	172456-69170	SUPPORT, MOTOR	1							
58	3	172456-69180	CLIP	2							
59	3	172456-69190	SCREW, M5X12	2							
60	3	172456-69200	COVER, MOTOR	1							
61	3	172456-69210	ARM, WIPER	1							
62	3	172456-69220	BLADE, WIPER	1							
63	3	172456-69230	STOPPER, DOOR	1							
63-1	3	172456-69231	STOPPER, DOOR	1							N
(A=MXXXXX)											
63-2	3	172437-68640	STOPPER, DOOR	1							R
(A=MXXXXX)											
64	3	172456-69240	CAP, NUT	2							
65	4	172456-69250	SCREW, M10X16	2							
66	4	172456-69260	SEAT, 10.2X18.5X2.5	2							
67	3	172456-69270	CLAMP	3							
68	3	172456-69280	SEAL, 3620	1							
69	3	172456-69290	SEAL, 550	1							
70	3	172456-69300	SUPPORT, ASHTRAY	1							
71	3	172456-69310	SCREW, M4.8X16	4							
72	3	172456-69320	SEAL, 90	1							

Remarks
*Cabin assy is shown in Fig.60.
(1)Plese cope in Ref.No.5-1.

Fig.62. CABIN(FRONT GLASS)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

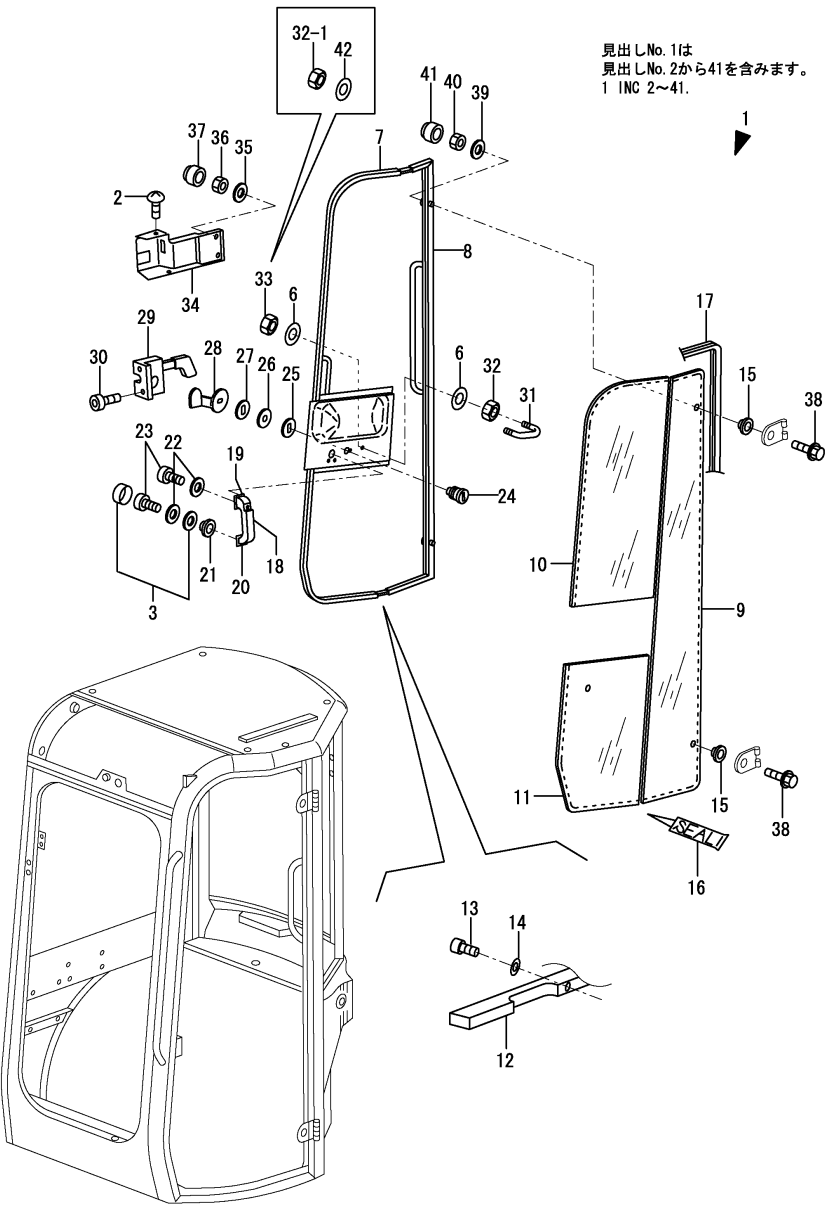
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-69330	GLASS ASSY	1							
2	3	172456-68780	WASHER	4							
3	3	172456-68800	SCREW	4							
4	3	172456-69340	GLASS ASSY	1							
5	4	172456-69350	GLASS ASSY	1							
5A	5	172456-69360	FLAME, FRONT GLASS	1							
5B	5	172456-69370	GLASS	1							
6	4	172456-69380	GRIP	2							
7	4	172456-69390	BUSH, NYLON	2							
8	4	172456-69400	PLUG	1							
9	4	172456-69410	SEAL, 780	2							
10	3	172456-69420	SPACER, NYLON	3							
11	3	172456-69430	WASHER, NYLON	1							
12	3	172456-69440	LINKAGE	1							
13	3	172456-69450	SPRING, GAS	2							
14	3	172456-69460	CIRCLIP	4							
15	3	172456-69530	GLASS ASSY	1							
16	4	172456-68550	STOPPER	2							
17	4	172456-68950	SCREW, M6X16	4							
18	4	172456-69470	GUIDE	1							
19	4	172456-69480	GUIDE	1							
20	4	172456-69490	SEAL, NYLON 410	2							
21	4	172456-69520	WASHER	4							
22	4	172456-69540	GLASS	1							
23	4	172456-69550	LOCK L, UNDER GLASS	1							
23-1	4	172456-69551	LOCK, L UNDER GLASS	1							R
(A=MXXXXX)											
24	4	172456-69560	LOCK R, UNDER GLASS	1							
24-1	4	172456-69561	LOCK, R UNDER GLASS	1							R
(A=MXXXXX)											
25	4	172456-69570	SCREW, M5X25	4							Z
(A=MXXXXX)											
26	4	172456-69580	SEAL, 590	1							

Remarks
*Cabin assy is shown in Fig.60.

Fig.63. CABIN(SIDE DOOR)



見出しNo. 1は
見出しNo. 2から41を
1 1INC 2~41.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

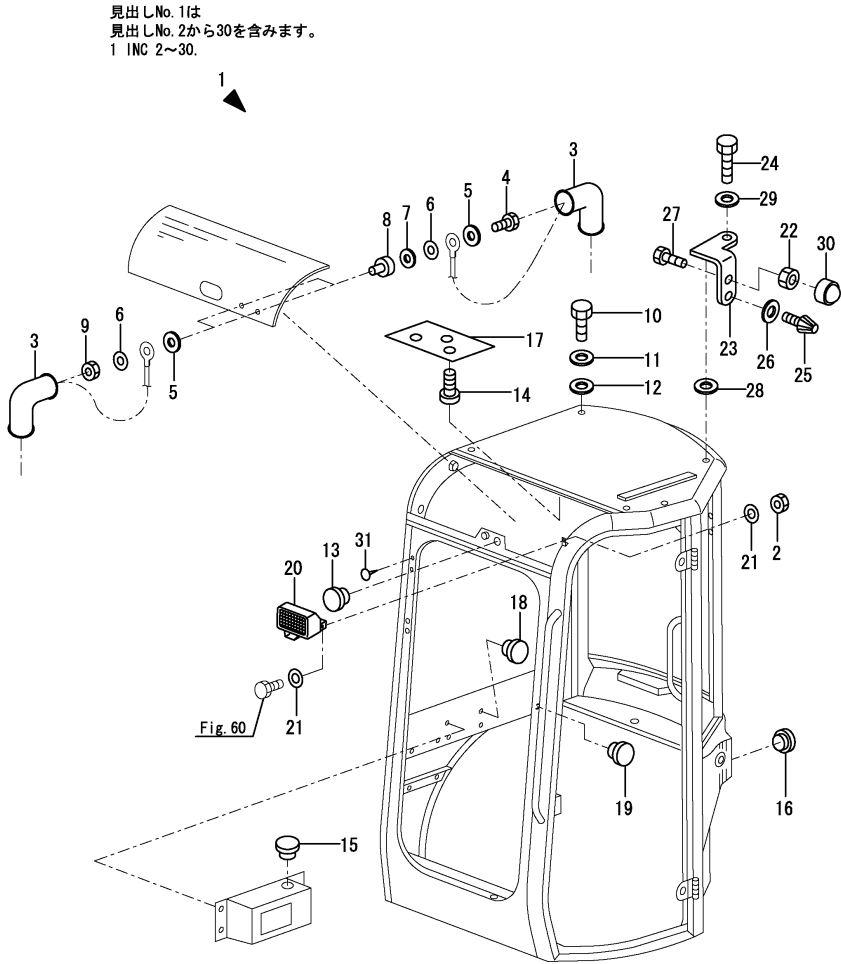
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-69590	DOOR ASSY	1							
2	3	172456-68950	SCREW, M6X16	2							
3	3	172456-69240	CAP, NUT	1							
6	3	172456-69260	SEAT, 10.2X18.5X2.5	4							
6-1	3	172456-69260	SEAT, 10.2X18.5X2.5	2							K
(A=MXXXXX)											
7	3	172456-69610	FRAME, FRONT	1							
8	3	172456-69620	FRAME, REAR	1							
9	3	172456-69630	GLASS	1							
10	3	172456-69640	GLASS	1							
11	3	172456-69650	GLASS	1							
12	3	172456-69660	BAR	2							
13	3	172456-69670	SCREW, M5X15	4							
14	3	172456-69680	WASHER	4							
15	3	172456-69690	SPACER, RUBBER	2							
16	3	172456-69700	SEAL	1							
17	3	172456-69710	SEAL, 4070	1							
18	3	172456-69720	HANDLE, OUTER	1							
19	3	172456-69730	SOLE, HANDLE	1							
20	3	172456-69740	SOLE, HANDLE	1							
21	3	172456-69750	SPACER, PLASTIC	1							
22	3	172456-69760	WASHER, 8X19X1.5	3							
23	3	172456-69770	SCREW, M6X20	3							
24	3	172456-69780	LOCK, KEY	1							
25	3	172456-69790	SPACER, BOLT	1							
26	3	172456-69800	WASHER	1							
27	3	172456-69810	BRACE, BOLT	1							
28	3	172456-69820	LOCK, BOLT	1							
29	3	172456-69830	LOCK ASSY	1							
30	3	172456-69840	SCREW, M8X40	2							
31	3	172456-69850	CATCH, DOOR	1							
32	3	172456-69860	NUT	2							
32-1	3	172456-69860	NUT	4							K
(A=MXXXXX)											
33	3	172456-69870	NUT, M10	2							Z
(A=MXXXXX)											
34	3	172456-69880	COVER, LOCK	1							
35	3	172456-69890	WASHER, 6	1							
36	3	172456-69900	NUT, M6	1							
37	3	172456-69910	CAP, NUT M6	1							
38	3	172456-69920	BOLT BM12X60	2							
39	3	172456-69930	WASHER 12X22.5X2.5	2							
40	3	172456-69940	NUT, M12	2							
41	3	172456-69950	CAP, 12	2							
42	3	172456-67960	WASHER, 20X10.5X1	2							W
(A=MXXXXX)											

Remarks
*Cabin assy is shown in Fig.60.

Fig.64. CABIN(JP SPEC. ACCESSORY)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



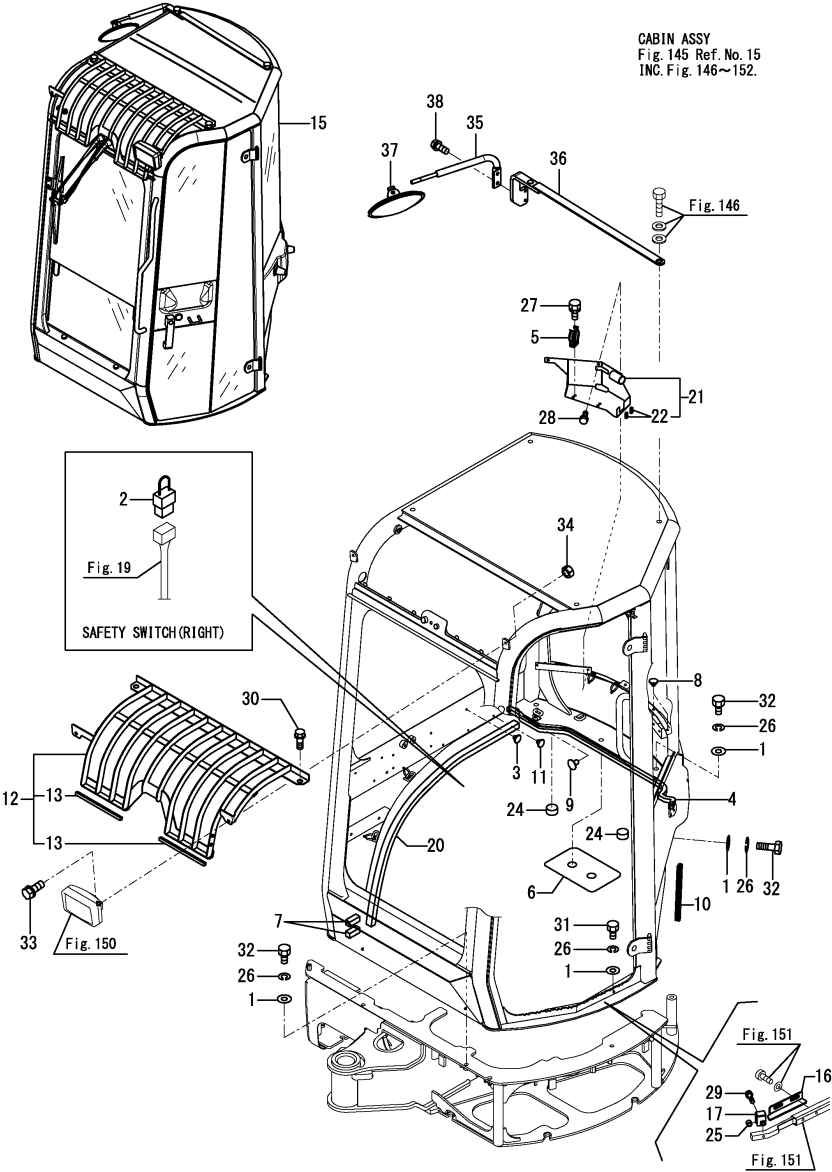
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-69960	BOLT SET,CABIN	1							
1-1	2	172456-69961	BOLT SET,CABIN	1							N
(A=M/#30501)											
2	3	172456-68100	NUT, M8	1							
3	3	172456-68110	CAP	4							
4	3	172456-68120	SCREW	2							
5	3	172456-68130	WASHER, 7X16X3	4							
6	3	172456-68140	WASHER, 6	4							
7	3	172456-68150	WASHER, 6X18X1	2							
8	3	172456-68160	NUT, SEAL M6	2							
9	3	172456-68170	NUT, BRASS M6	2							
10	3	172456-68180	BOLT 16X30	4							
10-1	3	172456-68180	BOLT 16X30	3							K
(A=M/#30501)											
11	3	172456-68190	WASHER 17X40X4	4							
11-1	3	172456-68190	WASHER 17X40X4	3							K
(A=M/#30501)											
12	3	172456-68200	WASHER	4							
12-1	3	172456-68200	WASHER	3							K
(A=M/#30501)											
13	3	172456-68210	GROMMET	1							
14	3	172456-68220	SCREW, M4.8X15.9	3							
15	3	172456-68230	PLUG	1							
16	3	172456-68240	GROMMET	1							
17	3	172456-68250	CAP	1							
18	3	172456-68260	PLUG	1							
19	3	172456-68570	PLUG	1							
20	3	172456-69970	WORK LAMP	1							
21	3	172456-69990	WASHER, 8	2							
22	3	172456-68100	NUT, M8	1							W
(A=M/#30501)											
23	3	172456-68300	SUPPORT	1							W
(A=M/#30501)											
24	3	172472-68570	BOLT 16X40	1							W
(A=M/#30501)											
25	3	172437-68640	STOPPER, DOOR	1							W
(A=M/#30501)											
26	3	172456-68710	WASHER, 10X38X5	1							W
(A=M/#30501)											
27	3	172472-68790	BOLT	1							W
(A=M/#30501)											
28	3	172A21-68840	WASHER, 15X30X2	1							W
(A=M/#30501)											
29	3	172A21-68990	WASHER	1							W
(A=M/#30501)											
30	3	172A21-69030	CAP, NUT M8	1							W
(A=M/#30501)											
31	3	172456-67970	CAP	2							W
(A=MXXXXX)											

Remarks
*Cabin assy is shown in Fig.60.

Fig.145. (64A)CABIN(ACCESSORY)(T SPEC.)(FROM M3B682 TO M3F855)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



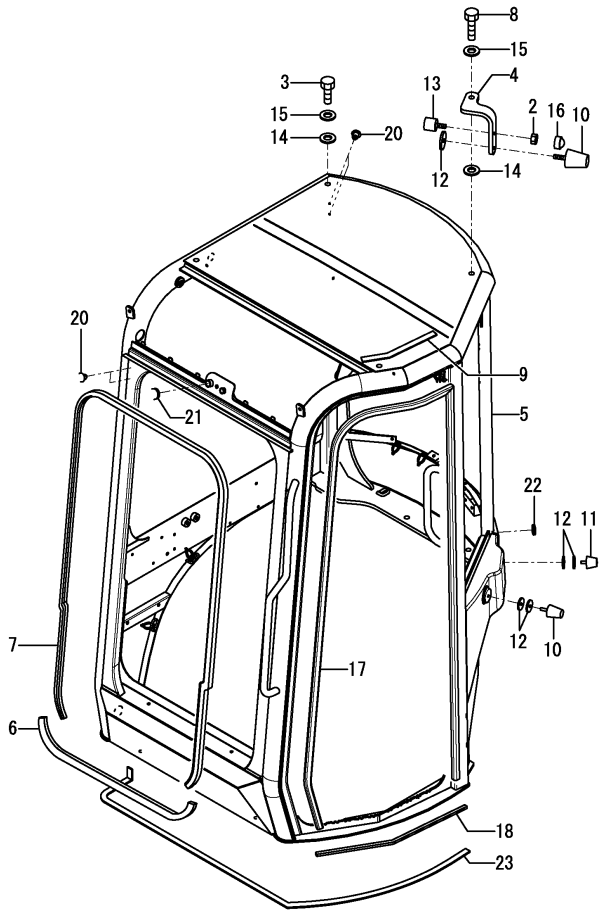
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER	9							
2	1	172190-16500	HARNESS, WIRE	1							
3	1	172444-17660	CLIP, TREE	1							
4	1	172458-54750	SEAL	1							
5	1	172122-55061	BRACKET, PUMP	2							
6	1	172458-63580	SPACER, CAB	1							
6-1	1	172458-63580-N	SPACER	1							S
(A=M3F001)											
7	1	172458-63900	STOPPER	2							
8	1	172458-64610	CLIP, TREE	3							1
8-1	1	183341-91800	CLIP, TREE 5	3							S 2
(A=M3F001)											
9	1	172458-64610	CLIP, TREE	2							1
9-1	1	183341-91800	CLIP, TREE 5	2							S 2
(A=M3F001)											
10	1	172456-65800	RUBBER, SEAL 150	1							
11	1	172176-67790	PLUG	3							
12	1	172A23-68191	FOPS GUARD ASSY	1							
13	2	172480-13530	SEAL	2							
15	1	172456-68403	CABIN ASSY	1							W
(A=M3B682)											
15-1	1	172456-68404	CABIN ASSY	1							S
(A=M3F001)											
15-2	1	172456-68404	CABIN ASSY	1							Z 3
(A=M3F855)											
16	1	172A23-68550	GUIDE, STOPPER	1							
17	1	172A23-68600	CLAMP ASSY, STOPPER	1							
20	1	172456-68810	SEAL	1							
21	1	172A23-68900	PLATE ASSY, GREASE GUN	1							
21-1	1	172A23-68900-N	PLATE ASSY, GREASE GUN	1							S
(A=M3F001)											
22	2	172478-65220	TRIM	2							
24	1	172A23-68950	RUBBER, SEAT MOUNT	2							
25	1	172A46-72070	SPACER	1							
26	1	22217-120000	WASHER, SPRING 12	9							
27	1	26013-060102	BOLT, SPRING M6X 10	4							
28	1	26013-060162	BOLT, SPRING M6X 16	2							
29	1	26013-060202	BOLT, SPRING M6X 20	1							
30	1	26013-080202	BOLT, SPRING M8X 20	1							
31	1	26076-120302	BOLT, 10.912X 30	2							
32	1	26076-120402	BOLT, 10.912X 40	7							
33	1	26116-080202	BOLT, M8X 20 PLATED	1							
34	1	26716-080002	NUT, M8	2							
35	1	172A25-68301-1	BRACKET, MIRROR	1							
35-1	1	172A25-68301-2	BRACKET ASSY, MIRROR	1							S
(A=M3F001)											
36	1	172A23-68500-1	BRACKET ASSY, MIRROR	1							
36-1	1	172A23-68500-2	BRACKET ASSY, MIRROR	1							S
(A=M3F001)											
37	1	172A25-68500	MIRROR, REARVIEW	1							
38	1	26013-100252	BOLT, SPRING M10X 25	2							

Remarks
(1)Color = GRAY.
(2)Color = BLACK.
(3)Replacement with Fig.168(64I) No13.
The inner parts are not compatible.

Fig.146. (64B)CABIN(EXTERIOR)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



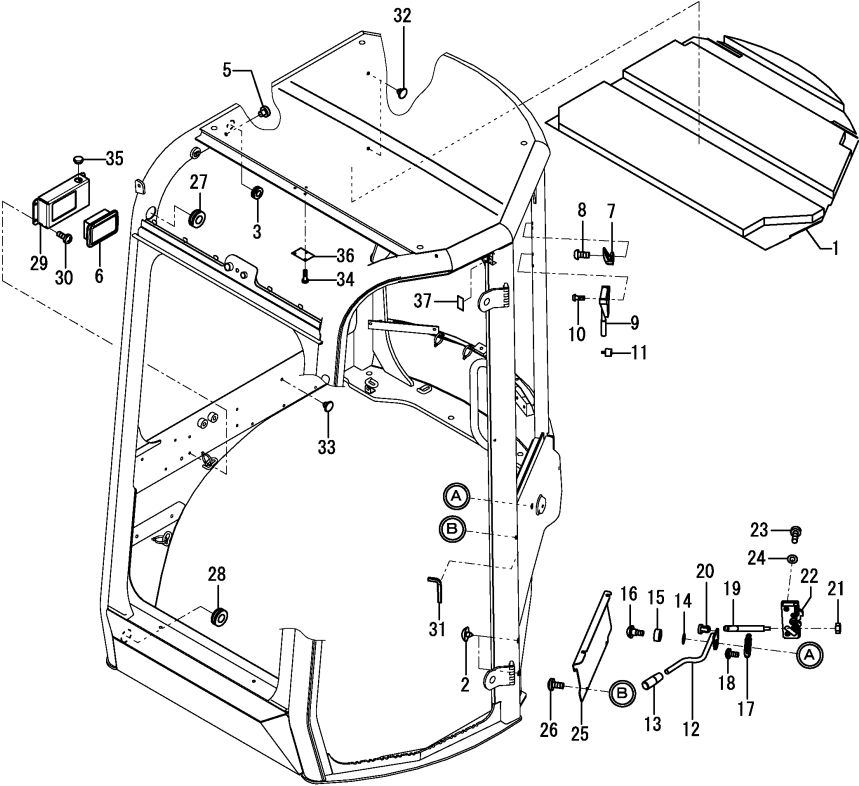
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172456-68100	NUT, M8	1							
3	3	172456-68180	BOLT 16X30	3							
4	3	172456-68300	SUPPORT	1							
4-1	3	172456-68300-1 (A=M3F001)	SUPPORT	1							S
5	3	172B16-68330-1	CABIN ASSY	1							
5-1	3	172B16-68330 (A=M3F001)	CABIN ASSY	1							S
6	3	172456-68540	SEAL, 640	1							
7	3	172456-68560	SEAL, 3040	1							
8	3	172472-68570	BOLT 16X40	1							
9	3	172456-68630	SEAL, 310	1							
10	3	172437-68640	STOPPER, DOOR	2							
11	3	172456-68700	STOPPER, DOOR	1							
12	3	172456-68710	WASHER, 10X38X5	5							
13	3	172472-68790	BOLT	1							
14	3	172A21-68840	WASHER, 15X30X2	4							
15	3	172A21-68990	WASHER	4							
16	3	172A21-69030	CAP, NUT M8	1							
17	3	172456-69280	SEAL 3620	1							
18	3	172456-69290	SEAL 550	1							
20	3	172456-67970	CAP	6							
21	3	172456-68210	GROMMET	1							
22	3	172456-68240	GROMMET	1							
23	2	172B16-68280	SEAL	1							

Remarks
* Cabin assy is shown in Fig.145.

Fig.147. (64C)CABIN(INTERIOR)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

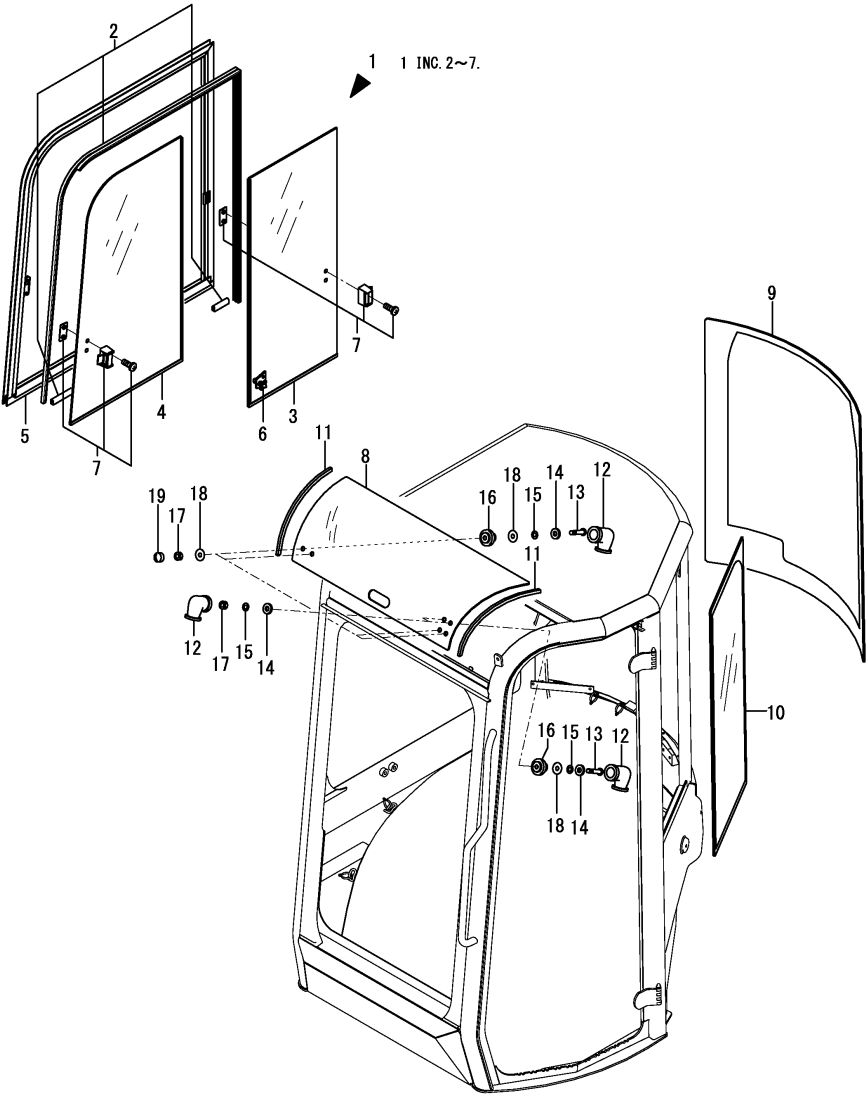
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B16-68110	TOP BOARD ASSY	1							
2	3	172456-68260	PLUG	2							
3	3	172456-68530	GROMMET, 16X22X3	1							
5	3	172456-68570	PLUG	2							
6	3	172456-68620	ASHTRAY	1							
7	3	172456-68640	HOOK	1							
8	3	172456-68650	SCREW, M3.5X12.7	2							
9	3	172456-68660	HAMMER	1							
10	3	172456-68670	RIVET 3.2X8	2							
11	3	172456-68680	SEAL, BAND	1							
12	3	172456-68760	LEVER DOOR LOCK	1							
13	3	172456-68770	KNOB, LEVER	1							
14	3	172456-68780	WASHER	1							
15	3	172456-68790	COLLAR, NYLON	1							
16	3	172456-68800	SCREW	1							
17	3	172456-68830	SPRING, 1.5X10X50	1							
18	3	172456-68840	SCREW, M8X20	1							
19	3	172456-68850	LINKAGE	1							
20	3	172456-68860	CLIP	1							
21	3	172456-68870	NUT, SAFETY	1							
22	3	172456-68880	CATCH, DOOR	1							
23	3	172456-68890	SCREW, M6X25	4							
24	3	172456-68930	WASHER	4							
25	3	172456-68940	COVER LOCK	1							
25-1	3	172456-68940-1	COVER LOCK	1							S
(A=M3F001)											
26	3	172456-68950	SCREW, M6X16	4							
27	3	172A21-68970	GROMMET, 20X28X4	1							
28	3	172A21-68970	GROMMET, 20X28X4	1							
29	3	172456-69300	SUPPORT, ASHTRAY	1							
29-1	3	172456-69300-1	SUPPORT, ASHTRAY	1							S
(A=M3F001)											
30	3	172456-69310	SCREW, M4.8X16	4							
31	3	172456-69320	SEAL, 90	1							
32	3	172A21-69520	PLUG	2							
33	3	172456-67970	CAP	2							
34	3	172456-68220	SCREW, M4.8X15.9	3							
35	3	172456-68230	PLUG	1							
36	3	172456-68250	CAP	1							
37	2	172A23-68460	FILM,ADHESIVE	1							

Remarks
* Cabin assy is shown in Fig.145.

Fig.148. (64D)CABIN(GLASS)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

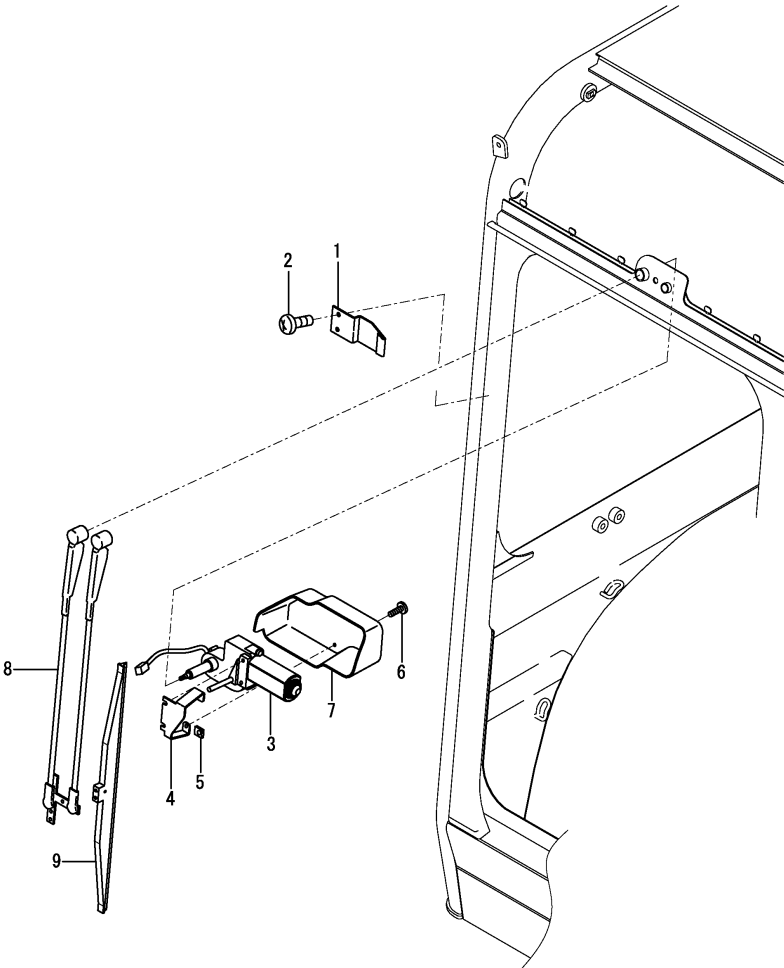
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B16-68040-1	GLASS ASSY,SIDE R	1							
1-1	3	172B16-68040	GLASS ASSY,SIDE R	1							S
(A=M3F001)											
2	4	172B16-68050	FRAME ASSY,SLIDE	1							
3	4	172B16-68060	GLASS ASSY, SIDE RR	1							
4	4	172B16-68070	GLASS ASSY, SIDE RF	1							
5	4	172B16-68080-1	FRAME ASSY	1							
5-1	4	172B16-68080	FRAME ASSY	1							S
(A=M3F001)											
6	4	172B16-68090	LOCK	1							
7	4	172B16-68100	DOOR,KNOB	2							
8	3	172B16-68140	ROOF,GLASS	1							
9	3	172456-68430	GLASS	1							
10	3	172456-68440	GLASS	1							
11	3	172456-68490	SEAL, JOINT 300	2							
12	3	172456-68110	CAP	8							
13	3	172456-68120	SCREW	6							
14	3	172456-68130	WASHER, 7X16X3	8							
15	3	172456-68140	WASHER, 6	8							
16	3	172456-68160	NUT, SEAL M6	6							
17	3	172456-68170	NUT, BRASS M6	6							
18	3	172456-69520	WASHER	10							
19	3	172456-69910	CAP, NUT M6	4							

Remarks
* Cabin assy is shown in Fig.145.

Fig.149. (64E)CABIN(WIPER)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172456-68600	SUPPORT, WIPER BLADE	1							
1-1	3	172456-68600-1	SUPPORT, WIPER BLADE	1							S
(A=M3F001)											
2	3	172456-68610	SCREW, M5X8	2							
3	3	172456-68990	WIPER MOTOR	1							
4	3	172456-69170	SUPPORT, MOTOR	1							
4-1	3	172456-69170-1	SUPPORT, MOTOR	1							S
(A=M3F001)											
5	3	172456-69180	CLIP	2							
6	3	172456-69190	SCREW, M5X12	2							
7	3	172456-69200	COVER, MOTOR	1							
8	3	172456-69210	ARM, WIPER	1							
9	3	172456-69220	BLADE, WIPER	1							

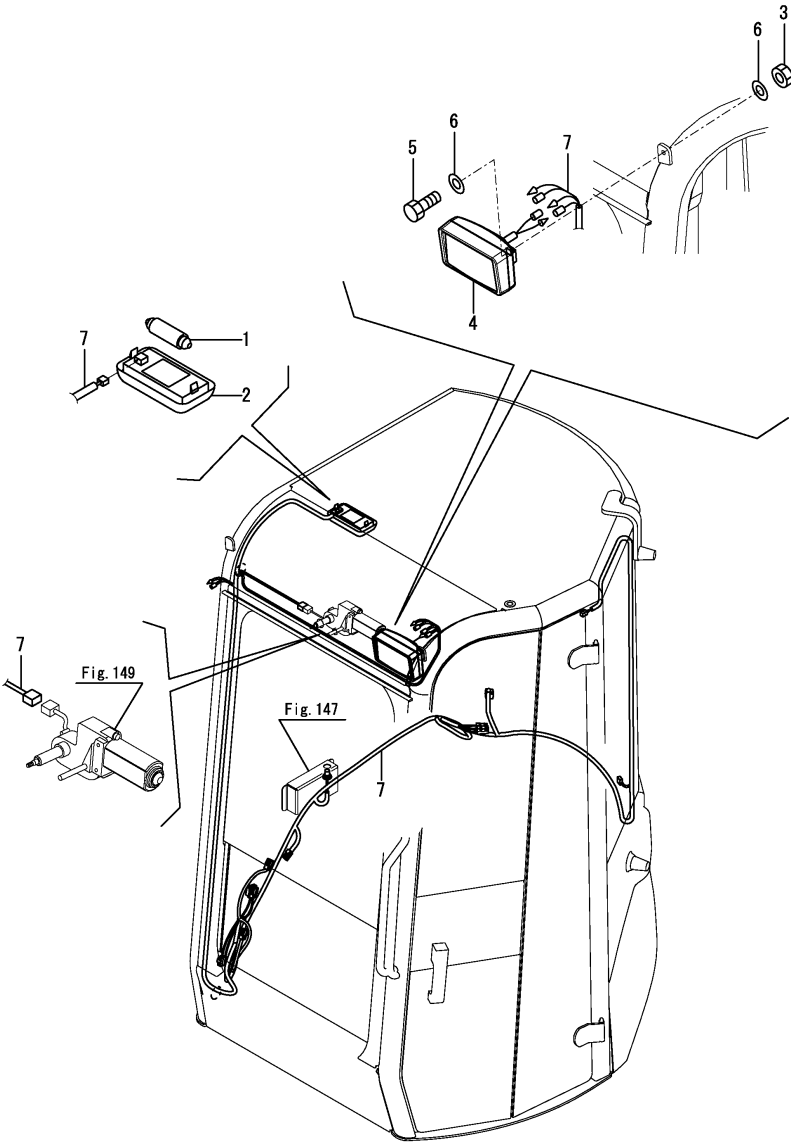
Remarks
* Cabin assy is shown in Fig.145.

Fig.150. (64F)CABIN(ELECTRIC PARTS)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

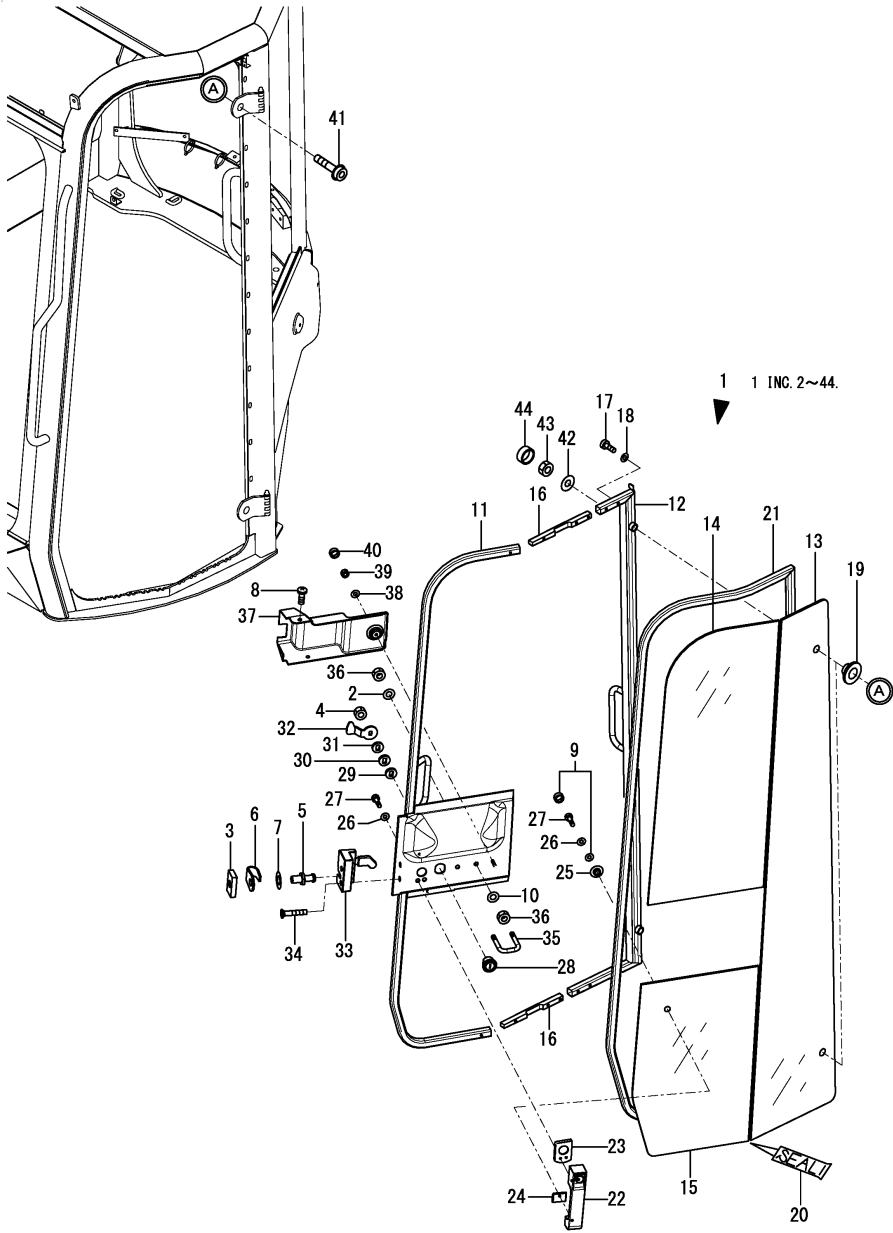
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B16-68120	LAMP	1							
2	3	172B16-68130	LAMP, ROOM	1							
3	3	172456-68100	NUT, M8	1							
4	3	172456-69970	WORK LAMP	1							
5	3	172456-69980	SCREW, M8X16	1							
6	3	172456-69990	WASHER, 8	2							
7	2	172B16-68300	HARNESS, CABIN	1							



Remarks
* Cabin assy is shown in Fig.145.

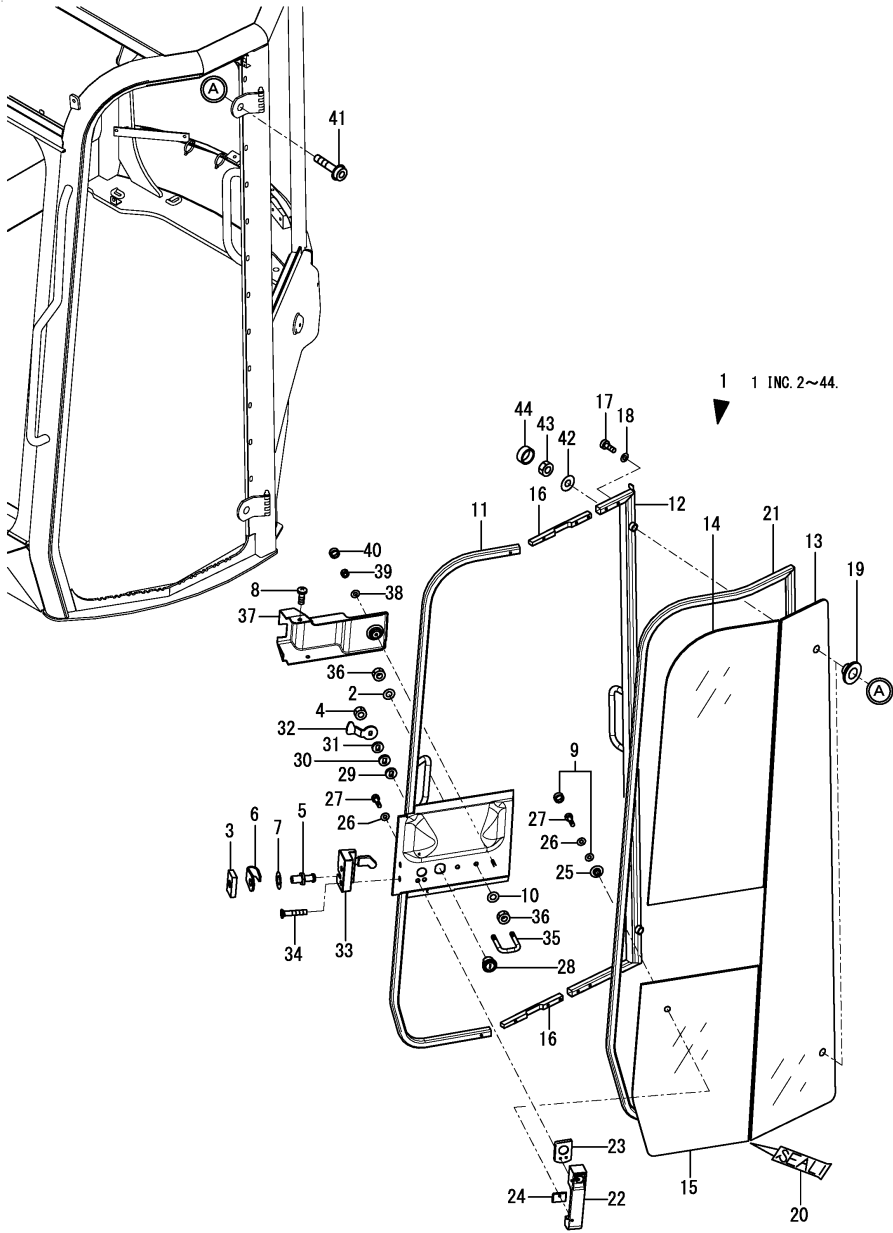
Fig.151. (64G)CABIN DOOR



Remarks
* Cabin assy is shown in Fig.145.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-69591	SIDE DOOR ASSY	1							
1-1	2	172456-69591-N	SIDE DOOR ASSY	1							S
(A=M3F001)											
2	3	172456-67960	WASHER, 20X10.5X1	2							
3	3	172B16-68240	PLATE	1							
4	3	172437-68720	NUT	1							
5	3	172456-68720	CATCH, DOOR	1							
6	3	172456-68730	PROTECTOR L	1							
7	3	172456-68750	WASHER, 12X30X2	1							
8	3	172456-68950	SCREW, M6X16	2							
9	3	172456-69240	CAP, NUT	1							
10	3	172456-69260	WASHER 10.2X18.5X2.5	2							
11	3	172456-69610	FRAME, FRONT	1							
11-1	3	172456-69610-N	FRAME, FRONT	1							S
(A=M3F001)											
12	3	172456-69620	FRAME, REAR	1							
12-1	3	172456-69620-N	FRAME, REAR	1							S
(A=M3F001)											
13	3	172456-69630	GLASS	1							
14	3	172456-69640	GLASS	1							
15	3	172456-69650	GLASS	1							
16	3	172456-69660	BAR	2							
17	3	172456-69670	SCREW, M5X15	4							
18	3	172456-69680	WASHER	4							
19	3	172456-69690	SPACER, RUBBER	2							
20	3	172456-69700	SEAL	1							
21	3	172456-69710	SEAL, 4070	1							
22	3	172456-69720	HANDLE, OUTER	1							
22-1	3	172456-69720-1	HANDLE OUTER	1							S
(A=M3F001)											
23	3	172456-69730	SOLE, HANDLE	1							
24	3	172456-69740	SOLE, HANDLE	1							
25	3	172456-69750	SPACER, PLASTIC	1							
26	3	172456-69760	WASHER, 8X19X1.5	3							
27	3	172456-69770	SCREW, M6X20	3							
28	3	172456-69780	LOCK, KEY	1							
29	3	172456-69790	SPACER, BOLT	1							
30	3	172456-69800	WASHER	1							
31	3	172456-69810	BRACE, BOLT	1							
32	3	172456-69820	LOCK, BOLT	1							
33	3	172456-69830	LOCK ASSY	1							
34	3	172456-69840	SCREW, M8X40	2							
35	3	172456-69850	CATCH, DOOR	1							
35-1	3	172456-69850-1	DOOR CATCH	1							S
(A=M3F001)											
36	3	172456-69860	NUT	4							
37	3	172456-69880	COVER, LOCK	1							
38	3	172456-69890	WASHER, 6	1							
39	3	172456-69900	NUT, M6	1							
40	3	172456-69910	CAP, NUT M6	1							
41	3	172456-69920	BOLT BM12X60	2							

Fig.151. (64G)CABIN DOOR



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

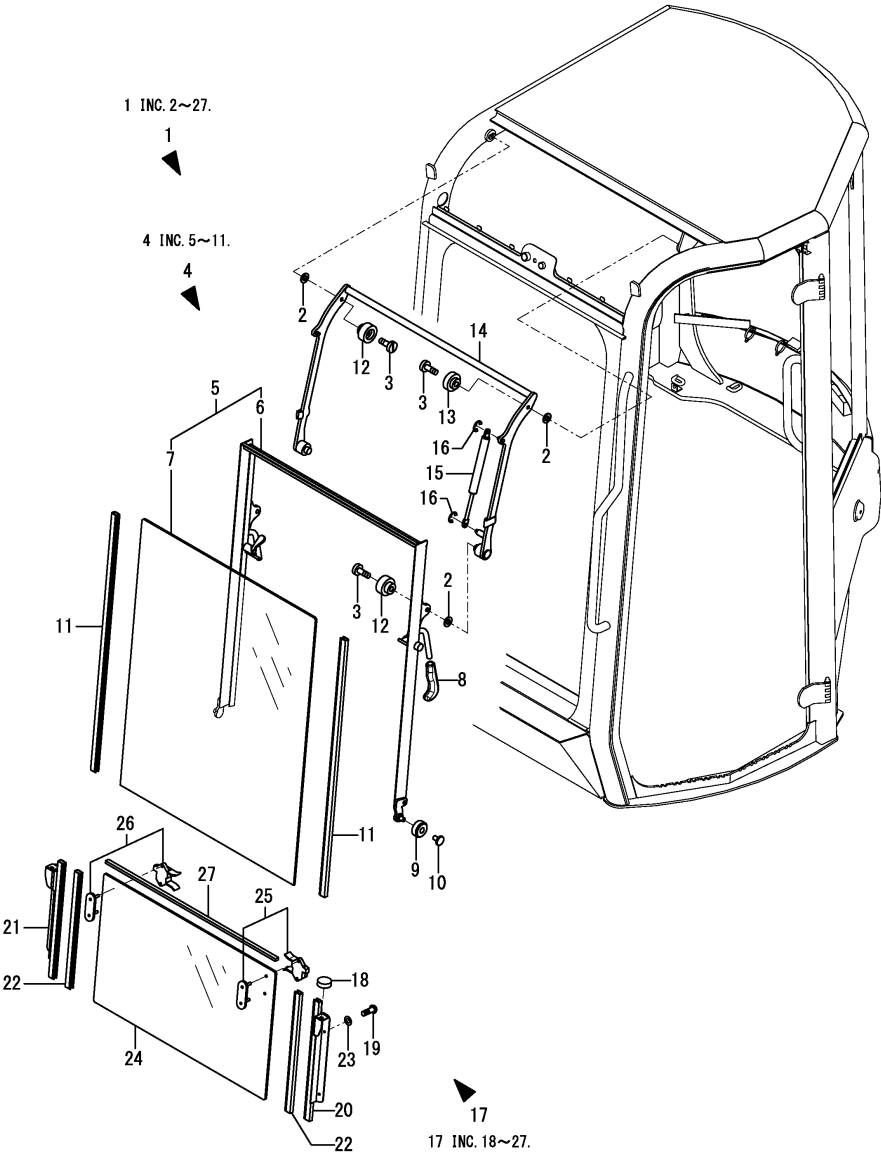
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	3	172456-69930	WASHER 12X22.5X2.5	2							
43	3	172456-69940	NUT, M12	2							
44	3	172456-69950	CAP, 12	2							

Remarks
* Cabin assy is shown in Fig.145.

Fig.152. (64H)CABIN(FRONT GLASS)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

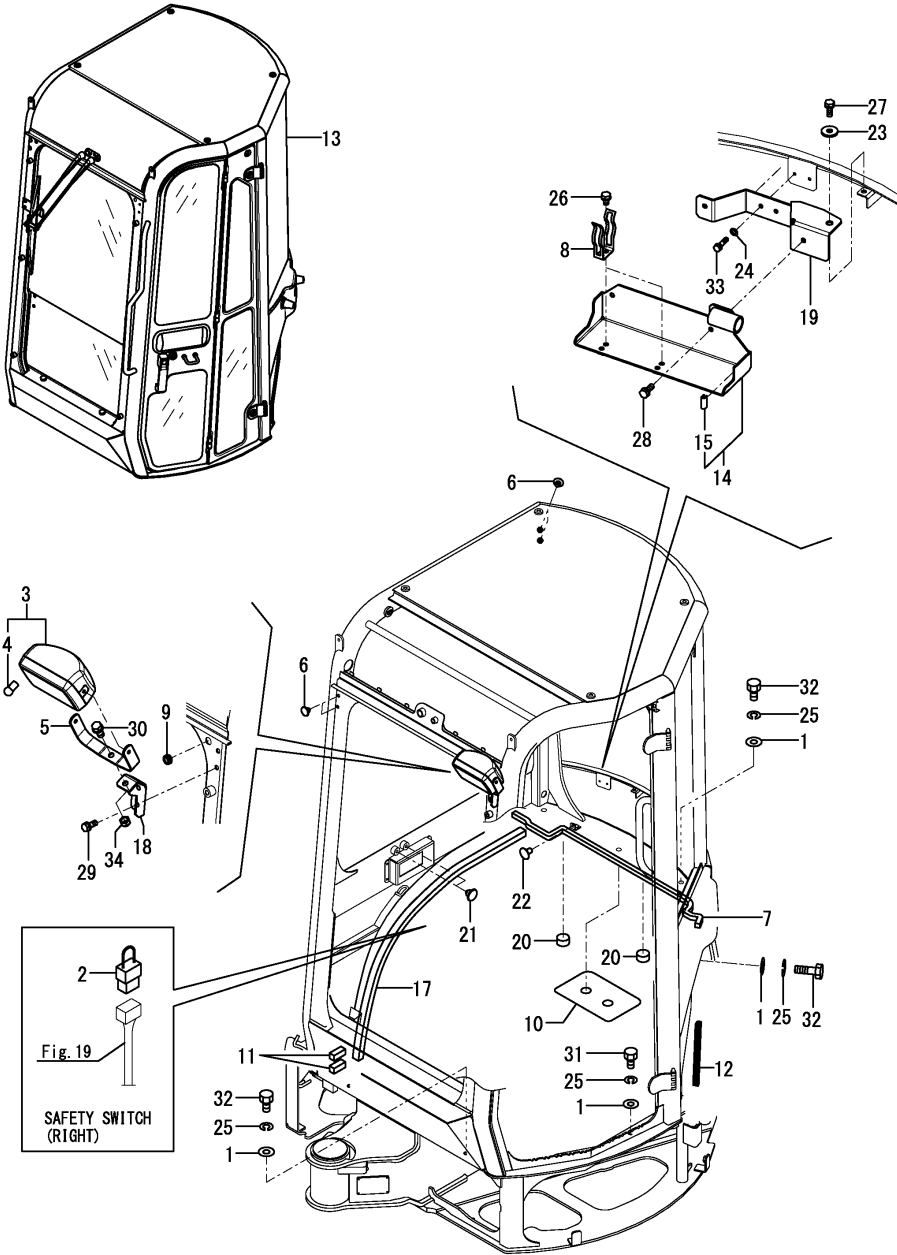
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-69330	FRONT GLASS ASSY	1							
1-1	2	172456-69330-1	FRONT GLASS ASSY	1							S
(A=M3F001)											
2	3	172456-68780	WASHER	4							
3	3	172456-68800	SCREW	4							
4	3	172456-69340	FRONT GLASS UP ASSY	1							
4-1	3	172456-69340-1	FRONT GLASS UP ASSY	1							S
(A=M3F001)											
5	4	172456-69350	FRONT GLASS ASSY	1							
6	5	172456-69360	FRAME, FRONT GLASS	1							
6-1	5	172456-69360-1	FLAME, FRONT GLASS	1							S
(A=M3F001)											
7	5	172456-69370	GLASS	1							
8	4	172456-69380	GRIP	2							
9	4	172456-69390	BUSH, NYLON	2							
10	4	172456-69400	PLUG	1							
11	4	172456-69410	SEAL, 780	2							
12	3	172456-69420	SPACER, NYLON	3							
13	3	172456-69430	WASHER, NYLON	1							
14	3	172456-69440	LINKAGE	1							
14-1	3	172456-69440-1	LINKAGE	1							S
(A=M3F001)											
15	3	172456-69450	SPRING, GAS	2							
16	3	172456-69460	CIRCLIP	4							
17	3	172456-69530	GLASS ASSY	1							
18	4	172456-68550	STOPPER	2							
19	4	172456-68950	SCREW, M6X16	4							
20	4	172456-69470	GUIDE L	1							
20-1	4	172456-69470-1	GUIDE L	1							S
(A=M3F001)											
21	4	172456-69480	GUIDE R	1							
21-1	4	172456-69480-1	GUIDE R	1							S
(A=M3F001)											
22	4	172456-69490	SEAL, NYLON 410	2							
23	4	172456-69520	WASHER	4							
24	4	172456-69540	GLASS	1							
25	4	172456-69551	LOCK, L UNDER GLASS	1							
26	4	172456-69561	LOCK, R UNDER GLASS	1							
27	4	172456-69580	SEAL, 590	1							

Remarks
* Cabin assy is shown in Fig.145.

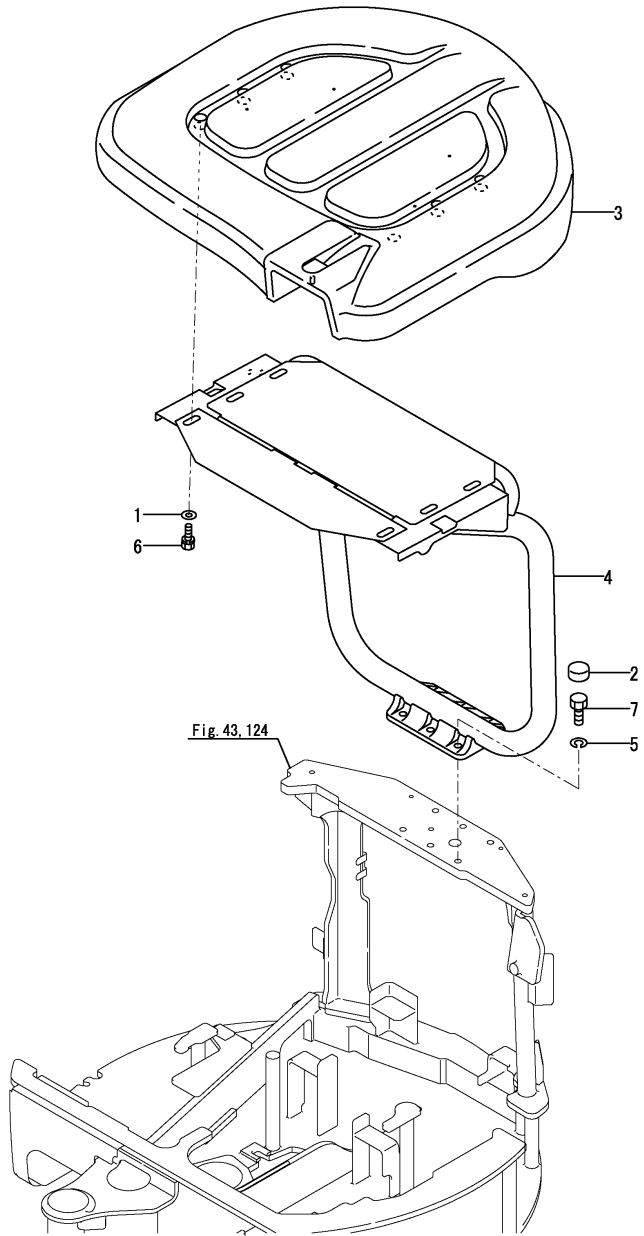
Fig.168. (64I)CABIN(ACCESSORY)(Y SPEC.)(FROM M3F856)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER	9							
2	1	172190-16500	HARNES, WIRE FRONT	1							
3	1	172458-17400	LAMP, 150X95	1							
4	2	172458-17420	BULB, 12V 55W	1							
5	1	172458-17410-4	STAY, LAMP	1							
6	1	172444-17660	CLIP, TREE 8	4							
7	1	172458-54750	SEAL, 960	1							
8	1	172122-55061	PLATE, GREASE PUMP	2							
9	1	172162-61850	GROMMET	1							
10	1	172458-63580-N	SPACER	1							
11	1	172458-63900	STOPPER	2							
12	1	172456-65800	RUBBER, SEAL 150	1							
13	1	172456-68405	CABIN ASSY	1							W
(A=M3F856)											
14	1	172A23-68800	BRACKET ASSY, GREASE	1							
15	2	172478-65220	TRIM	1							
17	1	172456-68810	SEAL	1							
18	1	172B16-68840	BRACKET, LIGHT	1							
19	1	172A23-68850	BASE ASSY, CAB REAR	1							
20	1	172A23-68950	RUBBER, SEAT MOUNT	2							
21	1	172183-81160	CLIP, TREE 9.5	2							
22	1	183341-91800	CLIP, TREE 5	2							
23	1	22157-060000	WASHER, 6	1							
24	1	22217-050000	WASHER, SPRING 5	2							
25	1	22217-120000	WASHER, SPRING 12	9							
26	1	26013-060102	BOLT, M6X 10	4							
27	1	26013-060162	BOLT, M6X 16	1							
28	1	26013-060162	BOLT, M6X 16	2							
29	1	26013-080202	BOLT, M8X 20	2							
30	1	26013-100202	BOLT, M10X 20	1							
31	1	26076-120302	BOLT, 10.912X 30	2							
32	1	26076-120402	BOLT, 10.912X 40	7							
33	1	26116-050202	BOLT, M5X 20 PLATED	2							
34	1	26346-100002	NUT, M10	1							

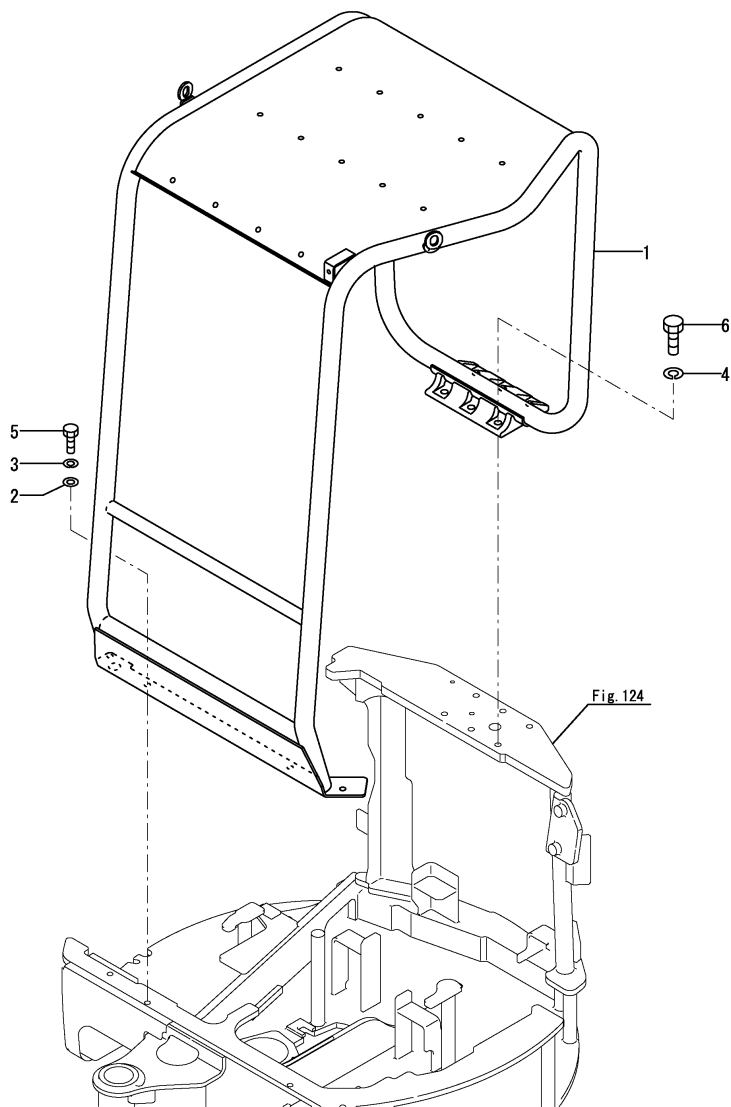
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER		6	6					
2	1	172458-67090	CAP		6	6					Z
		(B=M33876)	(C=M33876)								
3	1	172458-67100	ROOF ASSY,CANOPY		1	1					1
3-1	1	172458-67000	ROOF ASSY, CANOPY D		1	1				S	2
		(B=M3F001)	(C=M3F001)								
4	1	172A23-67110	CANOPY ASSY, TOPS		1	1					
4-1	1	172A23-67110-1	CANOPY ASSY, TOPS		1	1					S
		(B=M/#33092)	(C=M/#32643)								
4-2	1	172A23-67111-1	CANOPY ASSY, TOPS		1	1					N
		(B=M36157)	(C=M36157)								
4-3	1	172A23-67111-N	CANOPY ASSY, TOPS		1	1					S
		(B=M3F001)	(C=M3F001)								
5	1	22217-160000	WASHER, SPRING 16		6	6					
6	1	26013-120302	BOLT, SPRING M12X 30		6	6					
7	1	26076-160402	BOLT, 10.916X 40		6	6					

Remarks
(1)Color = NATURAL WHITE.
(2)Color = NAVY GRAY.



No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172469-66300-1	CANOPY ASSY, ROPS		1						
1-1	1	172469-66300-N (B=M3F001)	CANOPY ASSY, ROPS		1						S
2	1	172149-66550	WASHER		4						
3	1	22217-120000	WASHER, SPRING 12		4						
4	1	22217-160000	WASHER, SPRING 16		6						
5	1	26076-120402	BOLT, 10.912X 40		4						
6	1	26076-160402	BOLT, 10.916X 40		6						

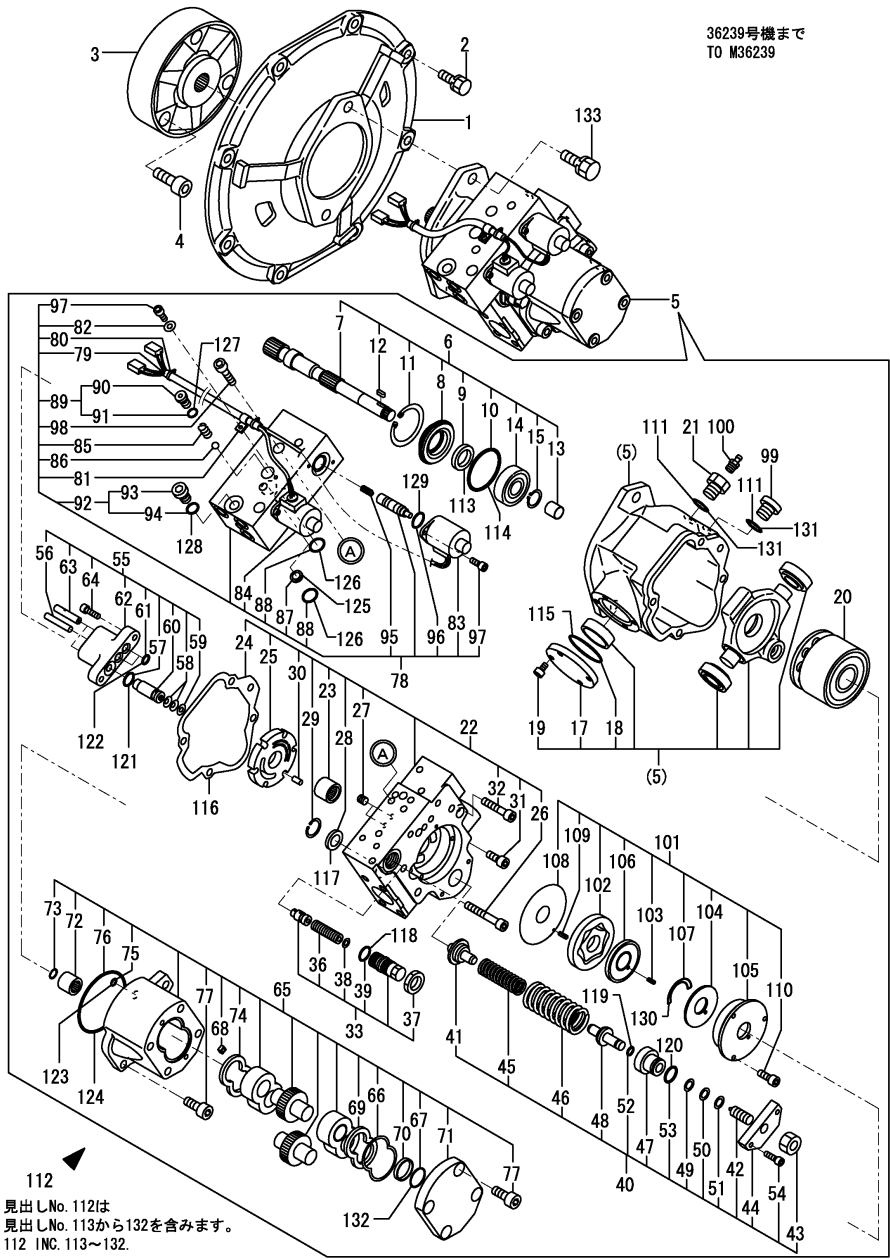
Remarks

* This fig. is the accessory repair items for the 4-column type canopy.

* In order to attach the canopy body, please refer to the attached operation manual, and fasten with a predetermined torque.

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

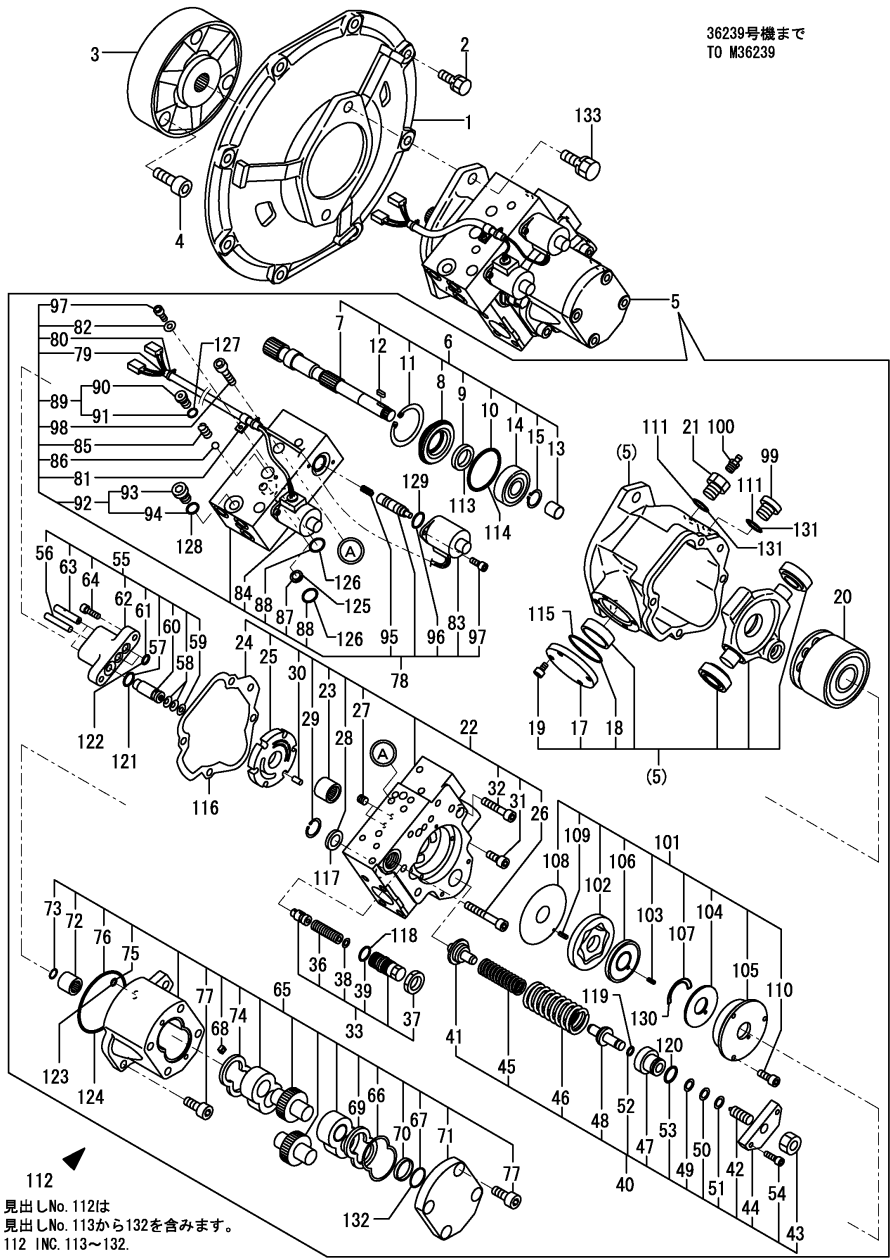
Fig.66. HYD.OIL PUMP & JOINT(TO M36239)



Remarks
(1)For second gear traveling.
(2)For safety lock.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1						
1-1	1	172168-71101-4	COVER, FLYWHEEL	1	1						S
(A)=M/#33092) (B)=M/#33092)											
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	172456-73100	PUMP ASSY	1	1						
6	2	172456-73110	SHAFT ASSY	1	1						
7	3	172456-73120	SHAFT	1	1						
8	3	172456-73130	SEAL, CASE	1	1						
9	3	172456-73140	SEAL, OIL	1	1						
10	3	172456-73150	O-RING	1	1						
11	3	172456-73160	CIRCLIP	1	1						
12	3	172456-73170	KEY	1	1						
13	3	172456-73180	PIN BUSH	1	1						
14	3	172179-73220	BEARING,	1	1						
15	3	22242-000200	RING, 20	1	1						
17	3	172179-73250	COVER	1	1						
18	3	24321-000450	O-RING, 1AG45.0	1	1						
19	3	26450-060122	BOLT, M6X 12	4	4						
20	2	172179-73130	ROTARY SET	1	1						
21	2	172179-73190	BUSHING	1	1						
22	2	172456-73280	COVER ASSY	1	1						
23	3	172179-73270	BEARING	1	1						
24	3	172179-73280	GASKET	1	1						
25	3	172456-73290	CONTROL PLATE	1	1						
26	3	172650-73450	BOLT,8X55HEX SOCKET	2	2						
27	3	172456-73600	ORIFICE	2	2						
28	3	172456-73610	FILTER	1	1						
29	3	172164-73670	CIRCLIP	1	1						
30	3	22312-060120	PIN, PARALLEL M6X12	2	2						
31	3	26450-080202	BOLT, M8X 20	2	2						
32	3	26450-080402	BOLT, M8X 40	1	1						
33	2	172164-73470	VALVE ASSY, RELIEF	1	1						
36	3	172164-73380	SPRING	1	1						
37	3	172164-73390	NUT	1	1						
38	3	172164-73510	SEAT, SPRING	1	1						
39	3	172141-74430	O-RING	1	1						
40	2	172456-73650	SPRING ASSY, CONTROL	1	1						
41	3	172179-73400	SEAT, SPRING	1	1						
42	3	172179-73430	SCREW, ADJUST	1	1						
43	3	172179-73460	NUT	1	1						
44	3	172456-73660	COVER	1	1						
45	3	172456-73670	SPRING	1	1						
46	3	172456-73680	SPRING	1	1						
47	3	172456-73690	SEAT, SPRING	1	1						
48	3	172456-73700	PLATE, SPRING	1	1						
49	3	172456-73710	SHIM	1	1						
50	3	172456-73720	SHIM	1	1						
51	3	172456-73730	SHIM	1	1						
52	3	24311-000090	O-RING, 1AP9.0	1	1						

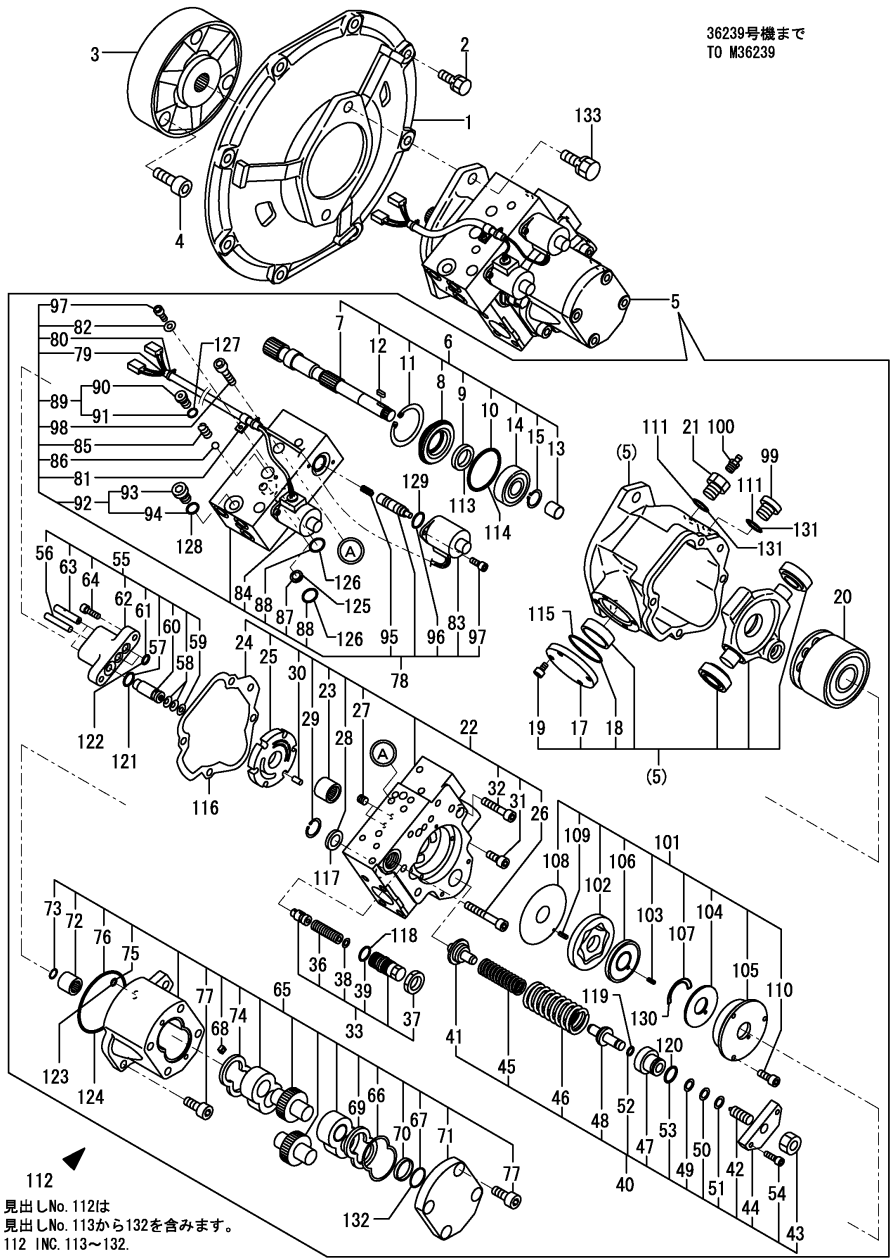
Fig.66. HYD.OIL PUMP & JOINT(TO M36239)



Remarks
(1)For second gear traveling.
(2)For safety lock.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
53	3	24311-000180	O-RING, 1AP18.0	1	1						
54	3	26450-060202	BOLT, M6X 20	1	1						
55	2	172456-73740	PISTON ASSY, CONTROL	1	1						
56	3	172168-71500	PARALLEL PIN	1	1						
57	3	172168-71510	O-RING	1	1						
58	3	172168-71520	SPRING	2	2						
59	3	172168-71530	RETAINER	1	1						
60	3	172179-73510	PISTON	1	1						
61	3	172179-73540	O-RING	2	2						
62	3	172456-73750	CYLINDER	1	1						
63	3	172456-73770	PISTON, HYDRAULIC	2	2						
64	3	26450-060202	BOLT, M6X 20	2	2						
65	2	172456-73790	PUMP ASSY, GEAR	1	1						
66	3	172141-71520	RING	1	1						
67	3	172141-71550	O-RING	2	2						
68	3	172141-71560	RING	2	2						
69	3	172141-73220	PLATE	1	1						
70	3	172141-73230	GUIDE	2	2						
71	3	172456-73800	COVER	1	1						
72	3	172456-73810	COUPLING	1	1						
73	3	172456-73840	CIRCLIP	1	1						
74	3	172456-73850	PLATE	1	1						
75	3	24315-000060	O-RING, 1BP6.0	1	1						
76	3	24321-000900	O-RING, 1AG90.0	1	1						
77	3	26450-100252	BOLT, M10X 25	6	6						
78	2	172456-73860	VALVE ASSY	1	1						
79	3	172164-73030	COVER, SUPPORT	1	1						
80	3	172164-73040	BAND	2	2						
81	3	172164-73490	CLAMP	1	1						
82	3	172164-73500	WASHER	1	1						
83	3	172456-73580	VALVE, SOLENOID	1	1						1
83-1	3	172989-73160	VALVE, SOLENOID	1	1						R 1
(A=MXXXXX) (B=MXXXXX)											
84	3	172456-73590	VALVE, SOLENOID	1	1						2
84-1	3	172989-73150	VALVE, SOLENOID	1	1						R 2
(A=MXXXXX) (B=MXXXXX)											
85	3	172456-73880	SPRING	1	1						
86	3	172456-73900	BALL, STEEL	1	1						
87	3	172456-73930	ELEMENT, FILTER	1	1						
88	3	172456-73960	O-RING	2	2						
89	3	172142-74590	PLUG	1	1						
90	4	172142-74650	PLUG	1	1						
91	4	24315-000080	O-RING, 1BP8.0	1	1						
92	3	172142-74600	PLUG	1	1						
93	4	172142-74660	PLUG	1	1						
94	4	24315-000110	O-RING, 1BP11.0	1	1						
95	3	172165-74740	SPRING	2	2						
96	3	24311-000160	O-RING, 1AP16.0	2	2						
97	3	26450-040102	BOLT, M4X 10	5	5						
98	3	26450-080302	BOLT, M8X 30	2	2						
99	2	172142-74670	PLUG	1	1						

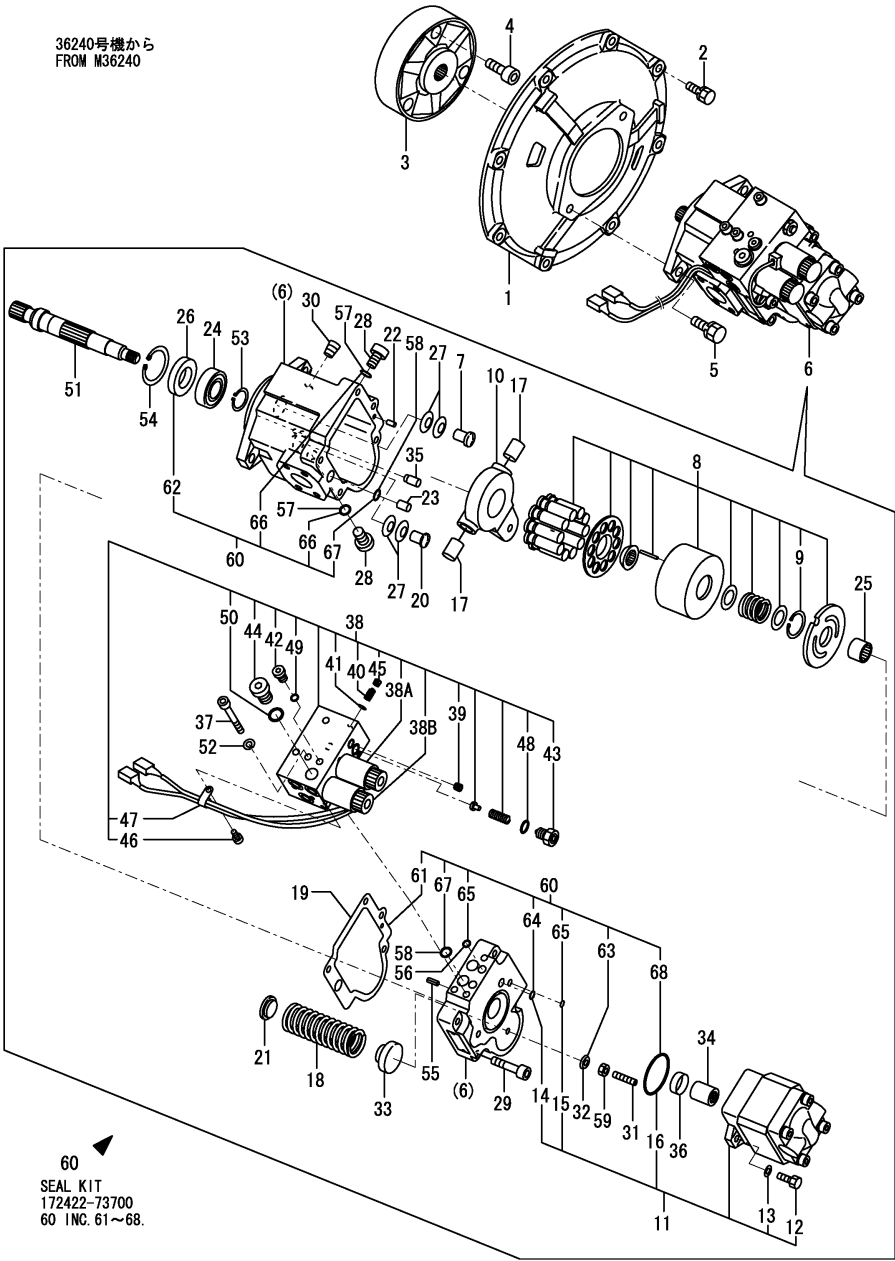
Fig.66. HYD.OIL PUMP & JOINT(TO M36239)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
100	2	172456-75430	PLUG, AIR VENT	1	1						
101	2	172456-75440	PUMP ASSY, TROCHOID	1	1						
102	3	172456-75450	GEAR	1	1						
103	3	172456-75460	PIN, SPRING	1	1						
104	3	172456-75480	PLATE	1	1						
105	3	172187-75860	CASE	1	1						
106	3	172187-75870	PLATE	1	1						
107	3	172187-75880	O-RING	1	1						
108	3	172187-75910	PLATE	1	1						
109	3	172187-75920	PIN, SPRING	1	1						
110	3	26450-050122	BOLT, M5X 12	3	3						
111	2	24315-000140	O-RING, 1BP14.0	2	2						
112	1	172456-73070	SEAL SET	1	1						
113	2	172456-73140	SEAL, OIL	1	1						
114	2	172456-73150	O-RING	1	1						
115	2	24321-000450	O-RING, 1AG45.0	1	1						
116	2	172179-73280	GASKET	1	1						
117	2	172456-73610	FILTER	1	1						
118	2	172141-74430	O-RING	1	1						
119	2	24311-000090	O-RING, 1AP9.0	1	1						
120	2	24311-000180	O-RING, 1AP18.0	1	1						
121	2	172168-71510	O-RING	1	1						
122	2	172179-73540	O-RING	2	2						
123	2	24315-000060	O-RING, 1BP6.0	1	1						
124	2	24321-000900	O-RING, 1AG90.0	1	1						
125	2	172456-73930	ELEMENT, FILTER	1	1						
126	2	172456-73960	O-RING	2	2						
127	2	24315-000080	O-RING, 1BP8.0	1	1						
128	2	24315-000110	O-RING, 1BP11.0	1	1						
129	2	24311-000160	O-RING, 1AP16.0	2	2						
130	2	172187-75880	O-RING	1	1						
131	2	24315-000140	O-RING, 1BP14.0	2	2						
132	2	172141-71550	O-RING	2	2						
133	1	26013-120302	BOLT, M12X 30	2	2						

Remarks
(1)For second gear traveling.
(2)For safety lock.

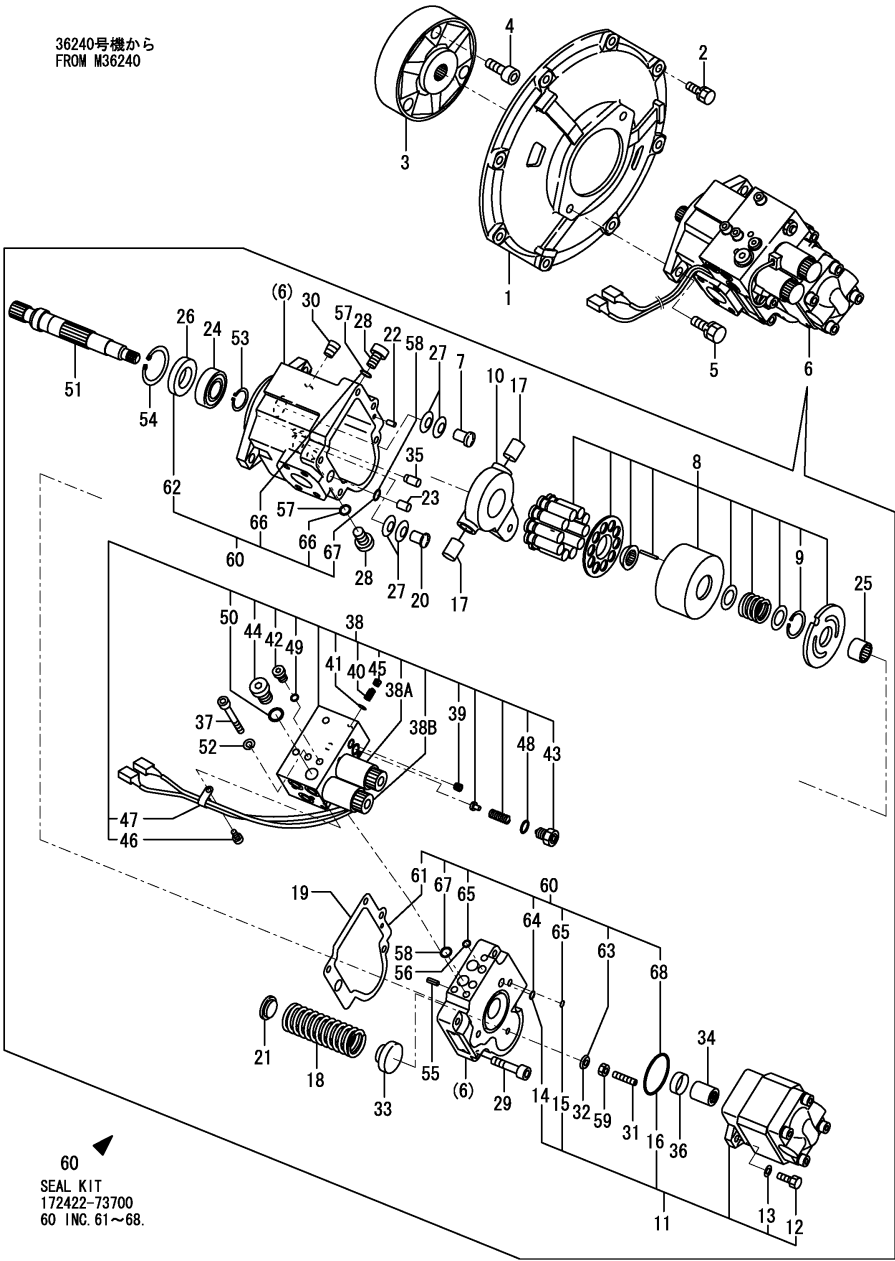
Fig.126. (66A) HYD.OIL PUMP & JOINT(FROM M36240)



Remarks
(1)For second gear traveling.
(2)For safety lock.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1						
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	26013-120302	BOLT, M12X 30	2	2						
6	1	172A23-73100	PUMP ASSY	1	1						
7	2	172450-73110	PIN,STOPPER	1	1						
8	2	172A23-73110	BARREL KIT	1	1						
9	3	172448-73190	SNAP RING	1	1						
10	2	172422-73140	PLATE, SWASH	1	1						
11	2	172A23-73140	PUMP ASSY	1	1						
12	3	172450-73120	BOLT	2	2						
13	3	172450-73130	WASHER	2	2						
14	3	24315-000070	O-RING, 1BP7.0	1	1						
15	3	24315-000080	O-RING, 1BP8.0	1	1						
16	3	24325-000550	O-RING, 1BG55.0	1	1						
17	2	172422-73160	PIN	2	2						
18	2	172A23-73160	SPRING	1	1						
19	2	172422-73170	GASKET	1	1						
20	2	172448-73180	PIN A,STOPPER	1	1						
21	2	172422-73200	HOLDER	1	1						
22	2	172422-73220	PIN	1	1						
23	2	172422-73280	PIN	1	1						
24	2	172422-73290	BEARING, BALL	1	1						
25	2	172422-73500	BEARING, NEEDLE	1	1						
26	2	172422-73510	SEAL, OIL	1	1						
27	2	172422-73520	SPRING	4	4						
28	2	172422-73530	PLUG	2	2						
29	2	172422-73540	BOLT	5	5						
30	2	172422-73550	PLUG	5	5						
31	2	172422-73560	SCREW	1	1						
32	2	172422-73570	WASHER	1	1						
33	2	172458-73570	GUIDE, SPRING	1	1						
34	2	172422-73580	COUPLING	1	1						
35	2	172458-73580	ROD	1	1						
36	2	172422-73590	COLLAR	1	1						
37	2	172422-73610	BOLT	3	3						
38	2	172458-73620	BLOCK ASSY, VALVE	1	1						
38-1	2	172458-73621	BLOCK ASSY, VALVE	1	1						N
(A=M3A824) (B=M3A824)											
38A	3	172458-73680	VALVE ASSY	1	1						1
38B	3	172458-73690	VALVE ASSY	1	1						2
39	3	172422-73550	PLUG	7	7						
40	3	172422-73620	SPRING	1	1						
41	3	172422-73630	FILTER	1	1						
42	3	172458-73630	PLUG	1	1						
43	3	172422-73640	ADJUSTER KIT	1	1						
44	3	172458-73640	PLUG	1	1						
45	3	172422-73650	PLUG	2	2						
46	3	172422-73660	BOLT	1	1						
47	3	172422-73670	CLAMP	1	1						

Fig.126. (66A) HYD.OIL PUMP & JOINT(FROM M36240)



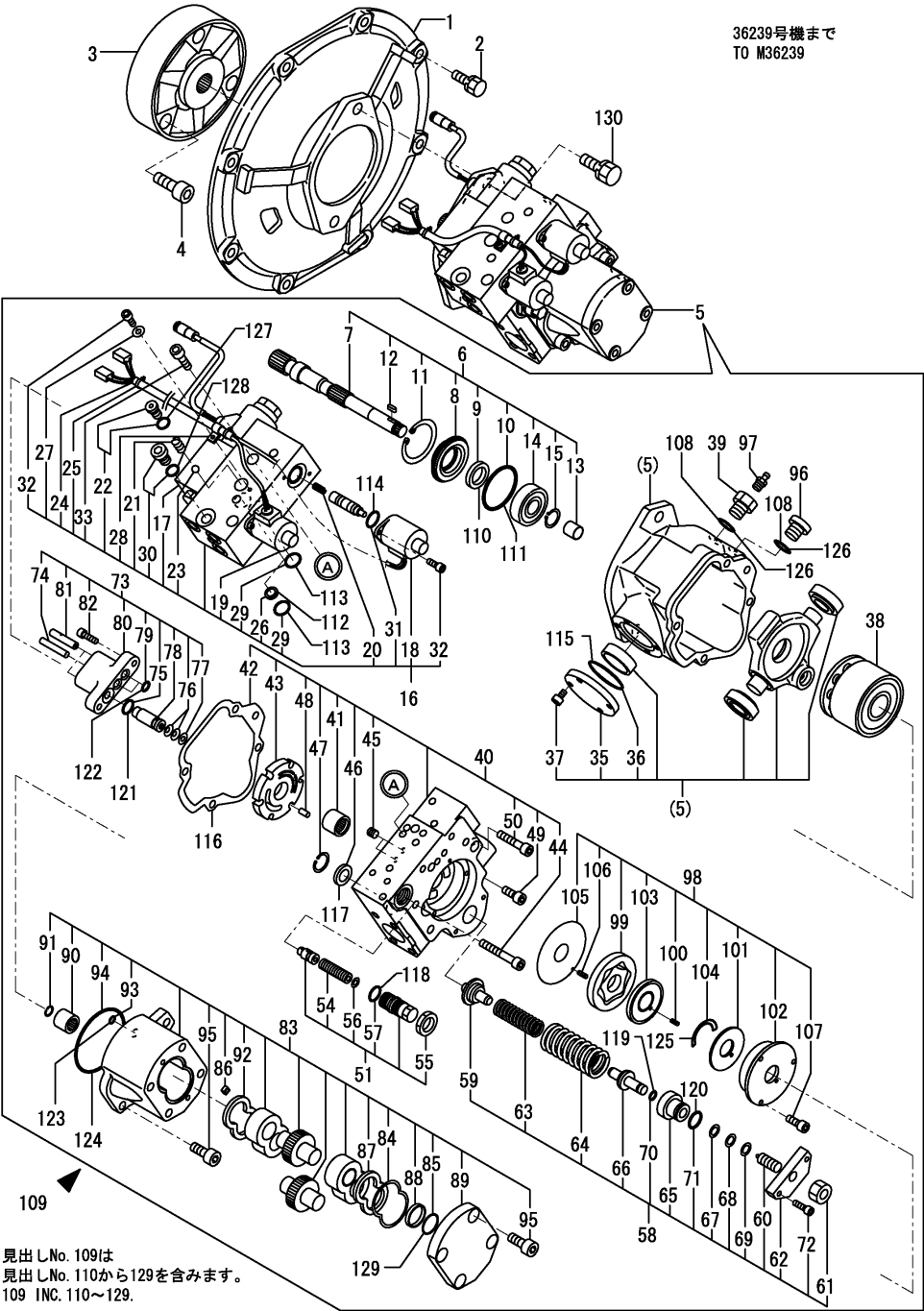
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	3	24311-000100	O-RING, 1AP10.0	1	1						
49	3	24315-000080	O-RING, 1BP8.0	1	1						
50	3	24315-000140	O-RING, 1BP14.0	1	1						
51	2	172458-73660	SHAFT	1	1						
52	2	22212-080000	WASHER 8	3	3						
53	2	22242-000250	RING, 25	1	1						
54	2	22252-000520	RING, 52	1	1						
55	2	22351-060016	PIN, SPRING 6.0X16	1	1						
56	2	24315-000080	O-RING, 1BP8.0	1	1						
57	2	24315-000110	O-RING, 1BP11.0	2	2						
58	2	24315-000120	O-RING, 1BP12.0	3	3						
59	2	26711-080002	NUT, M8	1	1						
60	1	172422-73700	SEAL SET, PUMP	1	1						
61	2	172422-73170	GASKET	1	1						
62	2	172422-73510	SEAL, OIL	1	1						
63	2	172422-73570	WASHER	1	1						
64	2	24315-000070	O-RING, 1BP7.0	1	1						
65	2	24315-000080	O-RING, 1BP8.0	2	2						
66	2	24315-000110	O-RING, 1BP11.0	2	2						
67	2	24315-000120	O-RING, 1BP12.0	3	3						
68	2	24325-000550	O-RING, 1BG55.0	1	1						

Remarks
(1)For second gear traveling.
(2)For safety lock.

Fig.67. HYD.OIL PUMP & JIONT(QUICK COUPLER SPEC.)(TO M36239)



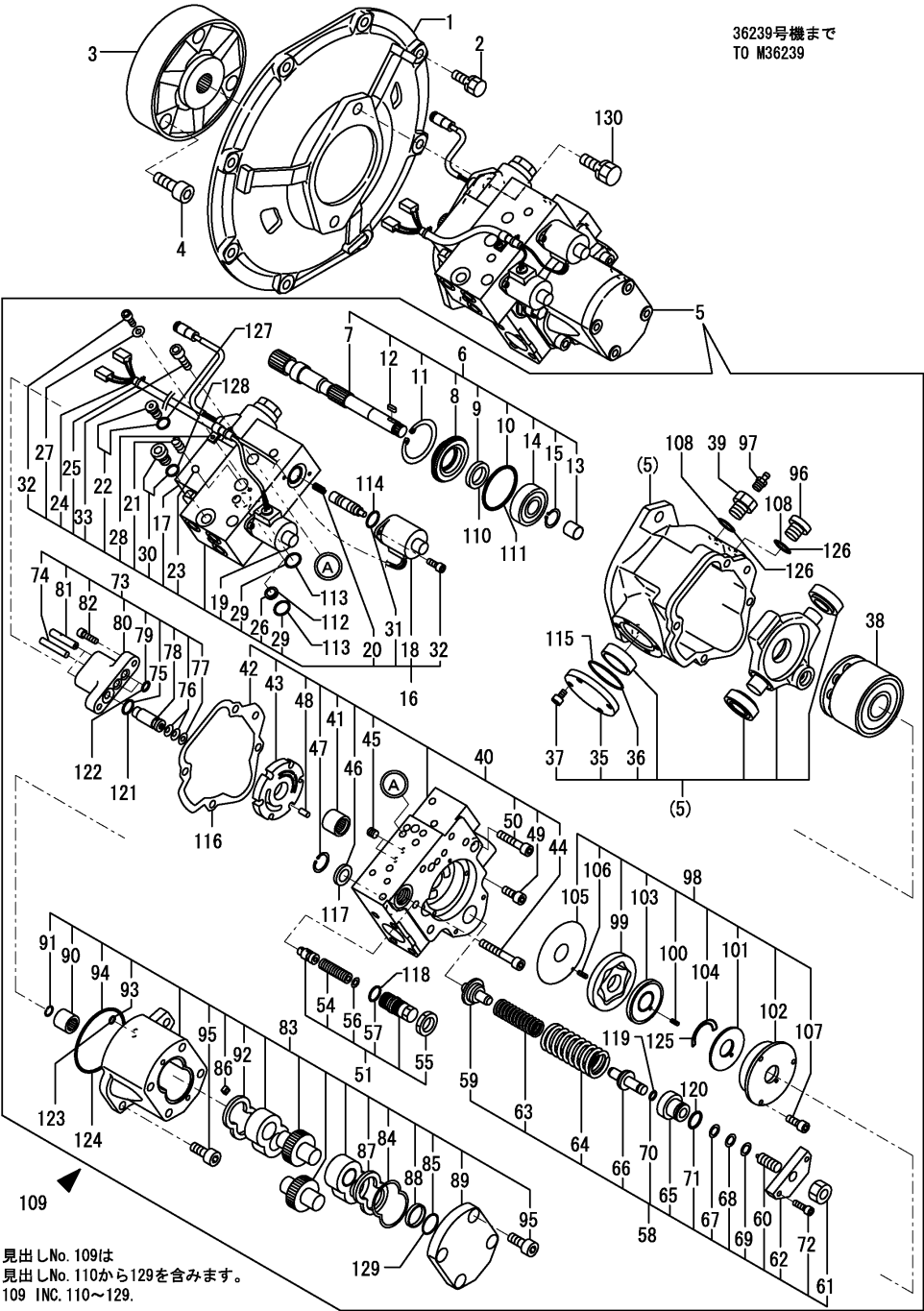
36239号機まで
TO M36239

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

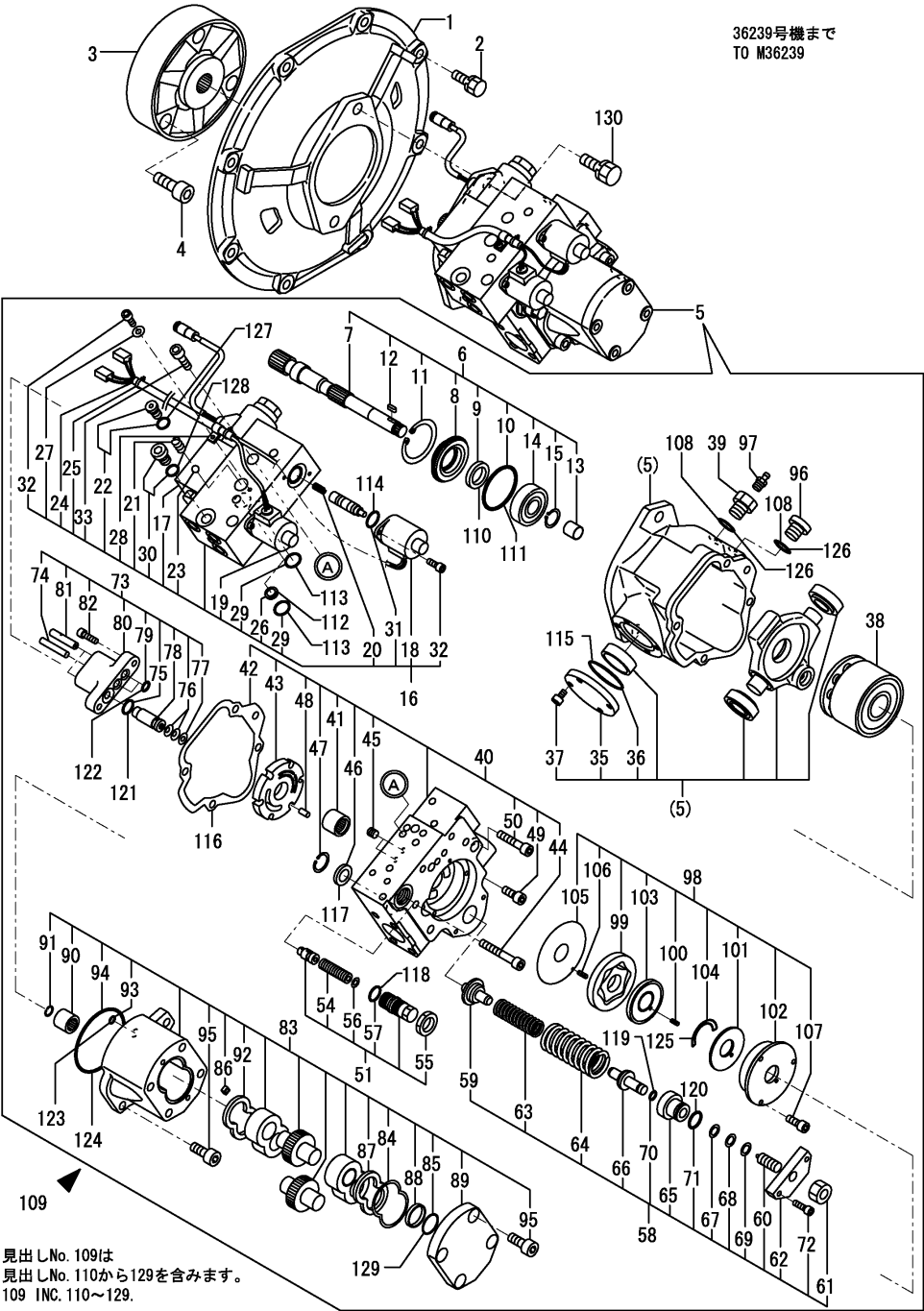
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1	1					
1-1	1	172168-71101-4	COVER, FLYWHEEL	1	1	1					S
(A)=M/#33092 (B)=M/#33092 (C)=M/#33092											
2	1	26013-100302	BOLT, M10X 30	8	8	8					
3	1	172165-71200	COUPLING	1	1	1					
4	1	26450-120402	BOLT, M12X 40	3	3	3					
5	1	172956-73100	PUMP Q ASSY	1	1	1					
6	2	172456-73110	SHAFT ASSY	1	1	1					
7	3	172456-73120	SHAFT	1	1	1					
8	3	172456-73130	SEAL, CASE	1	1	1					
9	3	172456-73140	SEAL, OIL	1	1	1					
10	3	172456-73150	O-RING	1	1	1					
11	3	172456-73160	CIRCLIP	1	1	1					
12	3	172456-73170	KEY	1	1	1					
13	3	172456-73180	PIN BUSH	1	1	1					
14	3	172179-73220	BEARING,	1	1	1					
15	3	22242-000200	RING, 20	1	1	1					
16	2	172956-73110	VALVE ASSY	1	1	1					
17	3	172956-73121	VALVE, SOLENOID	1	1	1					
18	3	172456-73580	SOLENOID (A	1	1	1					
18-1	3	172989-73160	SOLENOID (A	1	1	1					R
(A)=MXXXXX (B)=MXXXXX (C)=MXXXXX											
19	3	172456-73590	SOLENOID (B	1	1	1					
19-1	3	172989-73150	SOLENOID (B	1	1	1					R
(A)=MXXXXX (B)=MXXXXX (C)=MXXXXX											
20	3	172456-73870	SPRING	2	2	2					
21	3	172456-73880	SPRING	1	1	1					
22	3	172456-73890	PLUG ASSY	1	1	1					
23	3	172456-73900	BALL, STEEL	1	1	1					
24	3	172456-73910	COVER	1	1	1					
25	3	172456-73920	BAND	2	2	2					
26	3	172456-73930	ELEMENT, FILTER	1	1	1					
27	3	172456-73940	WASHER	1	1	1					
28	3	172456-73950	CLAMP	1	1	1					
29	3	172456-73960	O-RING	2	2	2					
30	3	172456-73970	PLUG ASSY	1	1	1					
31	3	24311-000160	O-RING, 1AP16.0	2	2	2					
32	3	26450-040102	BOLT, M4X 10	5	5	5					
33	3	26450-080302	BOLT, M8X 30	2	2	2					
35	3	172179-73250	COVER	1	1	1					
36	3	24321-000450	O-RING, 1AG45.0	1	1	1					
37	3	26450-060122	BOLT, M6X 12	4	4	4					
38	2	172179-73130	ROTARY SET	1	1	1					
39	2	172179-73190	BUSHING	1	1	1					
40	2	172456-73280	COVER ASSY	1	1	1					
41	3	172179-73270	BEARING	1	1	1					
42	3	172179-73280	GASKET	1	1	1					
43	3	172456-73290	CONTROL PLATE	1	1	1					
44	3	172650-73450	BOLT, 8X55HEX SOCKET	2	2	2					
45	3	172456-73600	ORIFICE	2	2	2					
46	3	172456-73610	FILTER	1	1	1					

Fig.67. HYD.OIL PUMP & JIONT(QUICK COUPLER SPEC.)(TO M36239)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	3	172164-73670	CIRCLIP	1	1	1					
48	3	22312-060120	PIN, PARALLEL M6X12	2	2	2					
49	3	26450-080202	BOLT, M8X 20	2	2	2					
50	3	26450-080402	BOLT, M8X 40	1	1	1					
51	2	172164-73470	VALVE ASSY, RELIEF	1	1	1					
54	3	172164-73380	SPRING	1	1	1					
55	3	172164-73390	NUT	1	1	1					
56	3	172164-73510	SEAT, SPRING	1	1	1					
57	3	172141-74430	O-RING	1	1	1					
58	2	172456-73650	SPRING ASSY, CONTROL	1	1	1					
59	3	172179-73400	SEAT, SPRING	1	1	1					
60	3	172179-73430	SCREW, ADJUST	1	1	1					
61	3	172179-73460	NUT	1	1	1					
62	3	172456-73660	COVER	1	1	1					
63	3	172456-73670	SPRING	1	1	1					
64	3	172456-73680	SPRING	1	1	1					
65	3	172456-73690	SEAT, SPRING	1	1	1					
66	3	172456-73700	PLATE, SPRING	1	1	1					
67	3	172456-73710	SHIM	1	1	1					
68	3	172456-73720	SHIM	1	1	1					
69	3	172456-73730	SHIM	1	1	1					
70	3	24311-000090	O-RING, 1AP9.0	1	1	1					
71	3	24311-000180	O-RING, 1AP18.0	1	1	1					
72	3	26450-060202	BOLT, M6X 20	1	1	1					
73	2	172456-73740	PISTON ASSY, CONTROL	1	1	1					
74	3	172168-71500	PARALLEL PIN	1	1	1					
75	3	172168-71510	O-RING	1	1	1					
76	3	172168-71520	SPRING	2	2	2					
77	3	172168-71530	RETAINER	1	1	1					
78	3	172179-73510	PISTON	1	1	1					
79	3	172179-73540	O-RING	2	2	2					
80	3	172456-73750	CYLINDER	1	1	1					
81	3	172456-73770	PISTON, HYDRAULIC	2	2	2					
82	3	26450-060202	BOLT, M6X 20	2	2	2					
83	2	172456-73790	PUMP ASSY, GEAR	1	1	1					
84	3	172141-71520	RING	1	1	1					
85	3	172141-71550	O-RING	2	2	2					
86	3	172141-71560	RING	2	2	2					
87	3	172141-73220	PLATE	1	1	1					
88	3	172141-73230	GUIDE	2	2	2					
89	3	172456-73800	COVER	1	1	1					
90	3	172456-73810	COUPLING	1	1	1					
91	3	172456-73840	CIRCLIP	1	1	1					
92	3	172456-73850	PLATE	1	1	1					
93	3	24315-000060	O-RING, 1BP6.0	1	1	1					
94	3	24321-000900	O-RING, 1AG90.0	1	1	1					
95	3	26450-100252	BOLT, M10X 25	6	6	6					
96	2	172142-74670	PLUG, 3/8	1	1	1					
97	2	172456-75430	PLUG	1	1	1					
98	2	172456-75440	PUMP ASSY, TROCHOID	1	1	1					
99	3	172456-75450	GEAR	1	1	1					

Fig.67. HYD.OIL PUMP & JIONT(QUICK COUPLER SPEC.)(TO M36239)

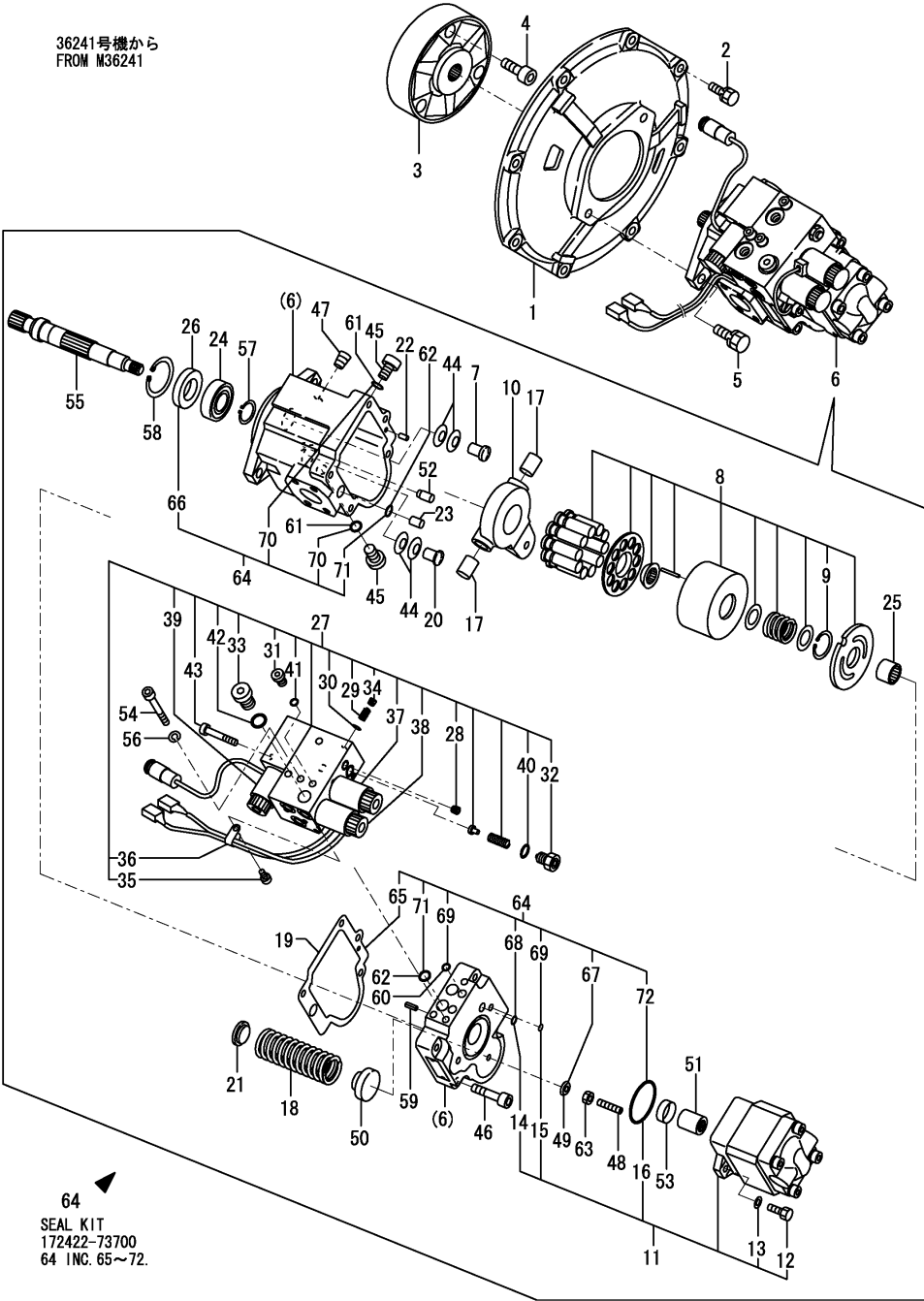


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
100	3	172456-75460	PIN, SPRING	1	1	1					
101	3	172456-75480	PLATE	1	1	1					
102	3	172187-75860	CASE	1	1	1					
103	3	172187-75870	PLATE A ,SIDE	1	1	1					
104	3	172187-75880	O-RING	1	1	1					
105	3	172187-75910	PLATE B ,SIDE	1	1	1					
106	3	172187-75920	PIN,SPRING	1	1	1					
107	3	26450-050122	BOLT, M5X 12	3	3	3					
108	2	24315-000140	O-RING, 1BP14.0	2	2	2					
109	1	172456-73070	SEAL SET	1	1	1					
110	2	172456-73140	SEAL, OIL	1	1	1					
111	2	172456-73150	O-RING	1	1	1					
112	2	172456-73930	ELEMENT, FILTER	1	1	1					
113	2	172456-73960	O-RING	2	2	2					
114	2	24311-000160	O-RING, 1AP16.0	2	2	2					
115	2	24321-000450	O-RING, 1AG45.0	1	1	1					
116	2	172179-73280	GASKET	1	1	1					
117	2	172456-73610	FILTER	1	1	1					
118	2	172141-74430	O-RING	1	1	1					
119	2	24311-000090	O-RING, 1AP9.0	1	1	1					
120	2	24311-000180	O-RING, 1AP18.0	1	1	1					
121	2	172168-71510	O-RING	1	1	1					
122	2	172179-73540	O-RING	2	2	2					
123	2	24315-000060	O-RING, 1BP6.0	1	1	1					
124	2	24321-000900	O-RING, 1AG90.0	1	1	1					
125	2	172187-75880	O-RING	1	1	1					
126	2	24315-000140	O-RING, 1BP14.0	2	2	2					
127	2	24315-000080	O-RING, 1BP8.0	1	1	1					
128	2	24315-000110	O-RING, 1BP11.0	1	1	1					
129	2	172141-71550	O-RING	2	2	2					
130	1	26013-120302	BOLT, M12X 30	2	2	2					

Fig.127. (67A)HYD. OIL PUMP & JOINT(QUICK COUPLER SPEC.)(FROM M36240)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

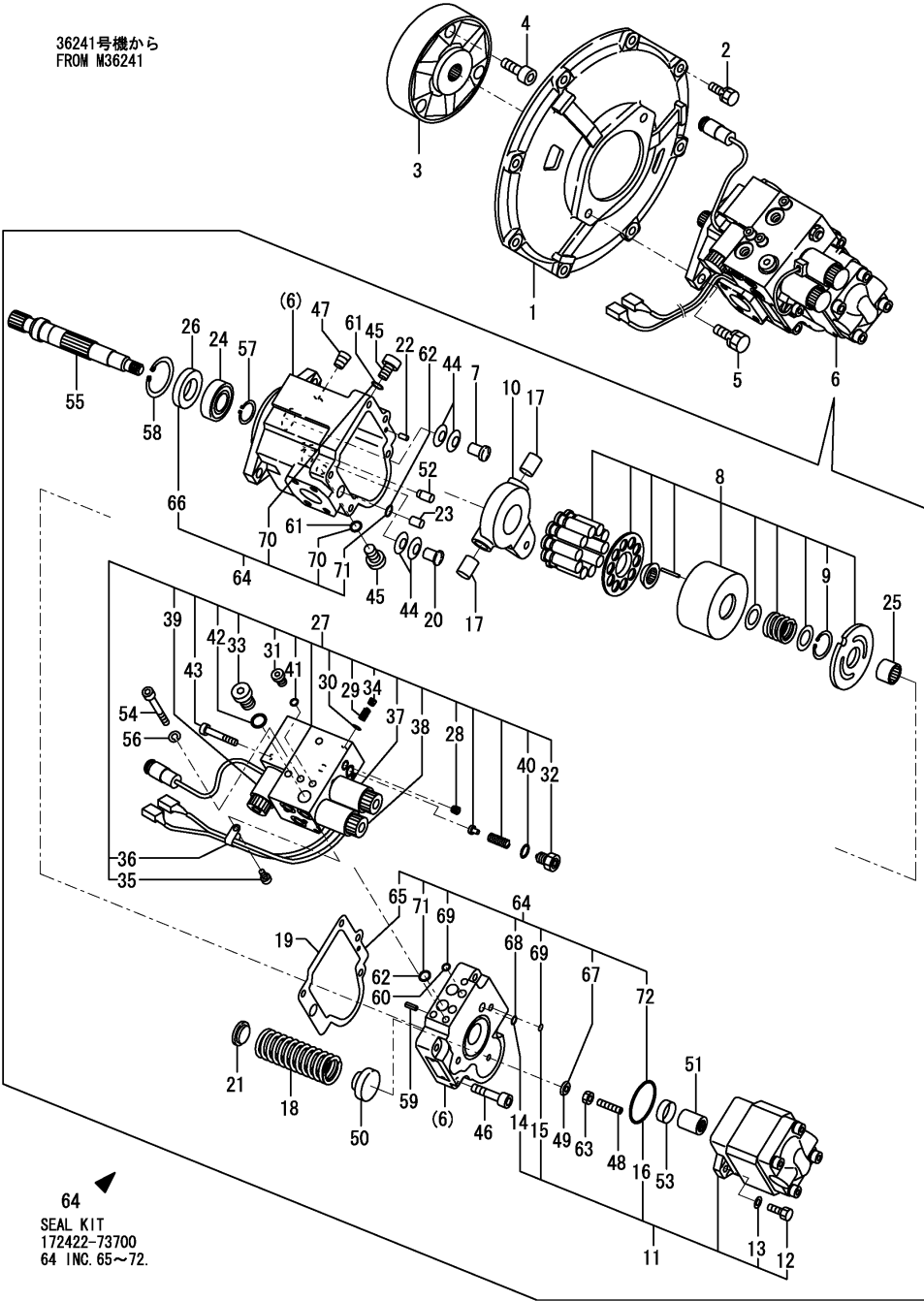


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1	1					
2	1	26013-100302	BOLT, M10X 30	8	8	8					
3	1	172165-71200	COUPLING	1	1	1					
4	1	26450-120402	BOLT, M12X 40	3	3	3					
5	1	26013-120302	BOLT, M12X 30	2	2	2					
6	1	172A30-73100	PUMP Q ASSY	1	1	1					
7	2	172450-73110	PIN,STOPPER	1	1	1					
8	2	172A23-73110	BARREL KIT	1	1	1					
9	3	172448-73190	SNAP RING	1	1	1					
10	2	172422-73140	PLATE, SWASH	1	1	1					
11	2	172A23-73140	PUMP ASSY	1	1	1					
12	3	172450-73120	BOLT	2	2	2					
13	3	172450-73130	WASHER	2	2	2					
14	3	24315-000070	O-RING, 1BP7.0	1	1	1					
15	3	24315-000080	O-RING, 1BP8.0	1	1	1					
16	3	24325-000550	O-RING, 1BG55.0	1	1	1					
17	2	172422-73160	PIN	2	2	2					
18	2	172A23-73160	SPRING	1	1	1					
19	2	172422-73170	GASKET	1	1	1					
20	2	172448-73180	PIN A,STOPPER	1	1	1					
21	2	172422-73200	HOLDER	1	1	1					
22	2	172422-73220	PIN	1	1	1					
23	2	172422-73280	PIN	1	1	1					
24	2	172422-73290	BEARING, BALL	1	1	1					
25	2	172422-73500	BEARING, NEEDLE	1	1	1					
26	2	172422-73510	SEAL, OIL	1	1	1					
27	2	172958-73510	BLOCK ASSY, VALVE	1	1	1					
27-1	2	172958-73511	BLOCK ASSY, VALVE	1	1	1					N
		(A=M46211) (B=M46211) (C=M46211)									
28	3	172422-73550	PLUG	8	8	8					
29	3	172422-73620	SPRING	1	1	1					
30	3	172422-73630	FILTER	1	1	1					
31	3	172458-73630	PLUG	1	1	1					
32	3	172422-73640	ADJUSTER KIT	1	1	1					
33	3	172458-73640	PLUG	1	1	1					
34	3	172422-73650	PLUG	2	2	2					
35	3	172422-73660	BOLT	1	1	1					
36	3	172422-73670	CLAMP	1	1	1					
37	3	172458-73680	VALVE ASSY	1	1	1					
38	3	172458-73690	VALVE ASSY	1	1	1					
39	3	172458-73790	VALVE,SOLENOID	1	1	1					
40	3	24311-000110	O-RING, 1AP11.0	1	1	1					
41	3	24315-000080	O-RING, 1BP8.0	1	1	1					
42	3	24315-000140	O-RING, 1BP14.0	1	1	1					
43	3	26450-050452	BOLT, M5X 45	4	4	4					
44	2	172422-73520	SPRING	4	4	4					
45	2	172422-73530	PLUG	2	2	2					
46	2	172422-73540	BOLT	5	5	5					
47	2	172422-73550	PLUG	5	5	5					
48	2	172422-73560	SCREW	1	1	1					
49	2	172422-73570	WASHER	1	1	1					

Fig.127. (67A)HYD. OIL PUMP & JOINT(QUICK COUPLER SPEC.)(FROM M36240)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

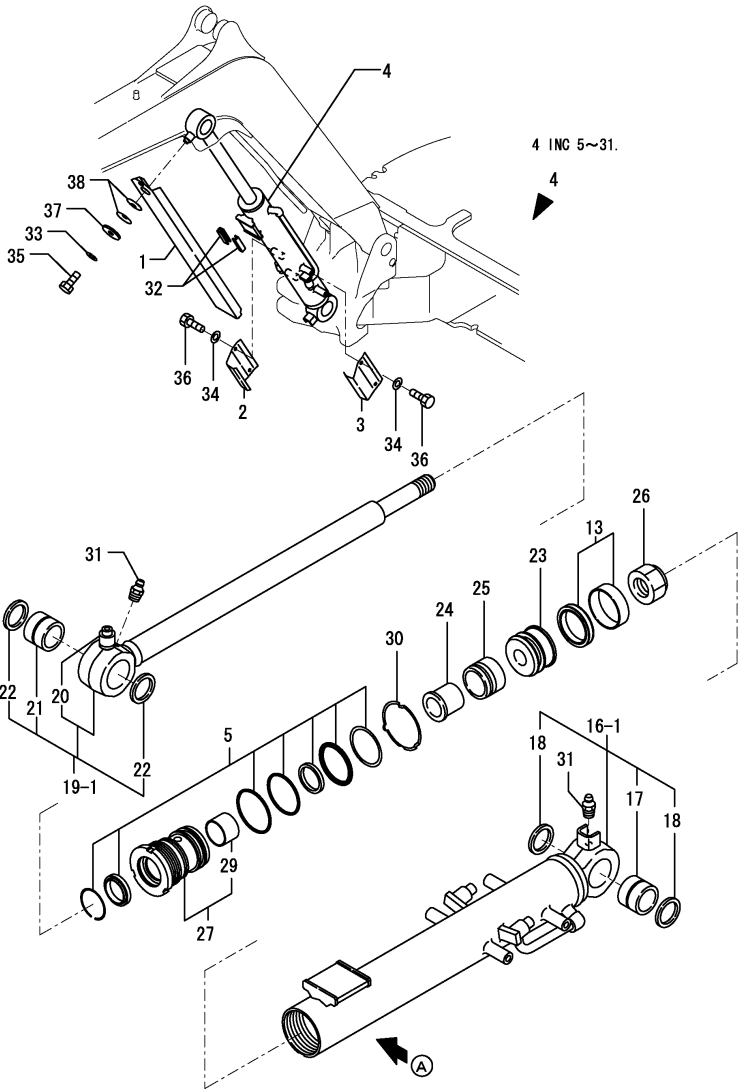


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	2	172458-73570	GUIDE, SPRING	1	1	1					
51	2	172422-73580	COUPLING	1	1	1					
52	2	172458-73580	ROD	1	1	1					
53	2	172422-73590	COLLAR	1	1	1					
54	2	172422-73610	BOLT	3	3	3					
55	2	172458-73660	SHAFT	1	1	1					
56	2	22212-080000	WASHER 8	3	3	3					
57	2	22242-000250	RING, 25	1	1	1					
58	2	22252-000520	RING, 52	1	1	1					
59	2	22351-060016	PIN, SPRING 6.0X16	1	1	1					
60	2	24315-000080	O-RING, 1BP8.0	1	1	1					
61	2	24315-000110	O-RING, 1BP11.0	2	2	2					
62	2	24315-000120	O-RING, 1BP12.0	3	3	3					
63	2	26711-080002	NUT, M8	1	1	1					
64	1	172422-73700	SEAL SET, PUMP	1	1	1					
65	2	172422-73170	GASKET	1	1	1					
66	2	172422-73510	SEAL, OIL	1	1	1					
67	2	172422-73570	WASHER	1	1	1					
68	2	24315-000070	O-RING, 1BP7.0	1	1	1					
69	2	24315-000080	O-RING, 1BP8.0	2	2	2					
70	2	24315-000110	O-RING, 1BP11.0	2	2	2					
71	2	24315-000120	O-RING, 1BP12.0	3	3	3					
72	2	24325-000550	O-RING, 1BG55.0	1	1	1					

Fig.68. BOOM CYLINDER(CABIN SPEC.)(Y SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



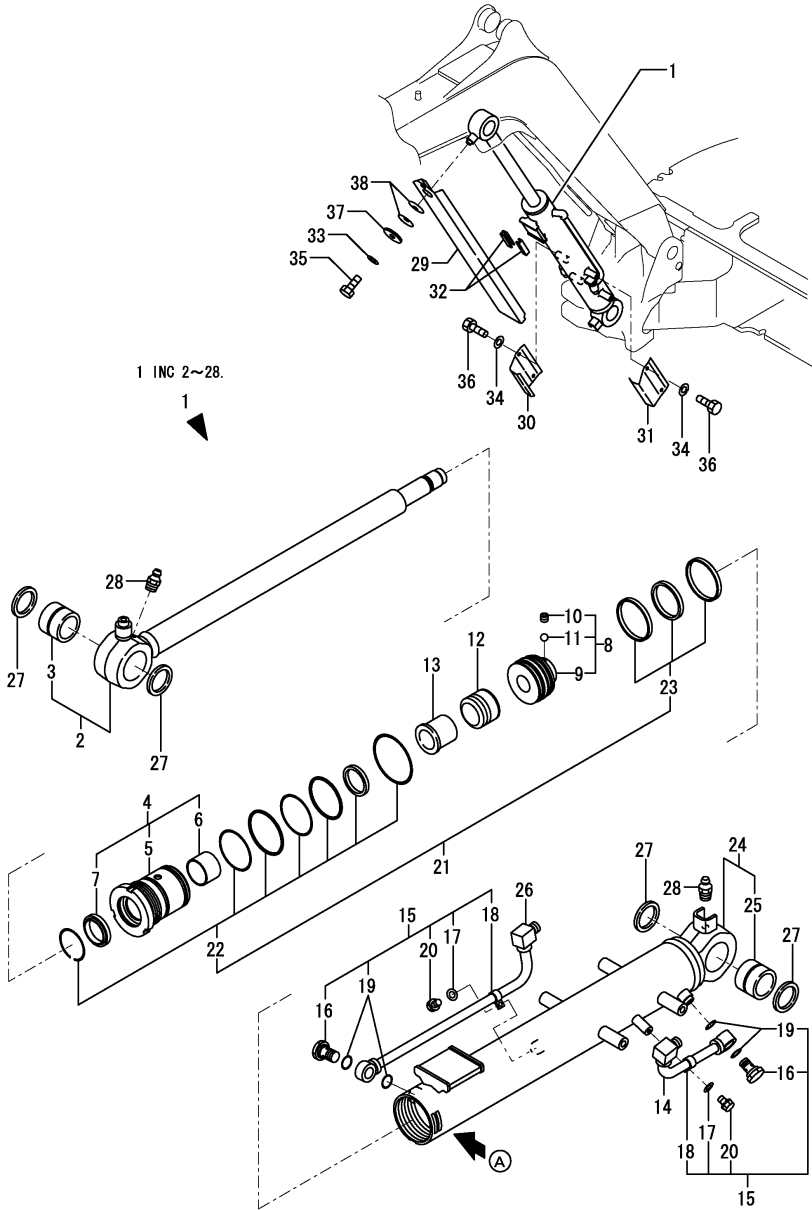
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72200	COVER, SLIDE	1							
1-1	1	172456-72200-N	COVER, SLIDE	1							S
(A=M38501)											
2	1	172457-72230	COVER ASSY, CYLINDER	1							
2-1	1	172457-72230-N	COVER ASSY, CYLINDER	1							S
(A=M38501)											
3	1	172457-72240	COVER, CYLINDER	1							
3-1	1	172457-72240-N	COVER, CYLINDER	1							S
(A=M38501)											
4	1	172469-72400	CYLINDER ASSY, BOOM	1							
4-1	1	172469-72400-N	CYLINDER ASSY, BOOM	1							S
(A=M38501)											
4-2	1	172469-72400-N	CYLINDER ASSY, BOOM	1						Z	1
(A=M45940)											
5	2	172456-72010	SEAL SET, HEAD 70 40	1							
13	2	172460-72070	SEAL SET, PISTON	1							
16-1	2	172456-72250	TUBE ASSY, BOOM	1							
16-2	2	172456-72250-N	TUBE ASSY, BOOM	1							S
(A=M38501)											
17	3	172168-72410	BUSH	1							
18	3	172448-72650	SEAL, DUST	2							
19-1	2	172456-72260	ROD ASSY,BOOM	1							
20	4	172168-72390	SEAT, SCREW M10X34.3	1							
21	3	172168-72410	BUSH	1							
22	3	172448-72650	SEAL, DUST	2							
23	2	172456-72190	PISTON	1							
24	2	172457-72190	COLLAR, 27 38	1							
25	2	172457-72200	PLUNGER 50,CUSHON	1							
26	2	172141-72250	NUT	1							
27	2	172469-72410	HEAD ASSY,70 40	1							
29	3	24550-040300	BUSH, 40X30	1							
30	2	172141-72420	WASHER, LOCK	1							
31	2	24761-020000	NIPPLE, GREASE PT1/8	2							
32	1	172186-72480	GUIDE, SLIDE	2							
33	1	22217-100000	WASHER, SPRING 10	1							
34	1	22217-100000	WASHER, SPRING 10	4							
35	1	26116-100162	BOLT, M10X 16 PLATED	1							
36	1	26116-100162	BOLT, M10X 16 PLATED	4							
37	1	933147-03400	WASHER, BRAKE ARM	1							
38	1	933168-14170	SPRING	2							

Remarks
(1)A : no mark.
Interchangeable by Fig.133(68A) No.1.

Fig.133. (68A)BOOM CYLINDER(CABIN SPEC.)(K SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-70400 (A=M45940)	CYLINDER ASSY, BM C	1							W
1-1	1	172A23-70401	CYLINDER ASSY, BM C	1							N
(A=*2014.03.)											
2	2	172A23-70130	ROD ASSY	1							
3	3	172A23-70120	BUSH, PIN 40	1							
4	2	172A23-70140	HEAD ASSY	1							
5	3	172A23-70150	HEAD	1							
6	3	172A23-70160	BEARING, SLEEVE	1							
7	3	172A23-70210	RING, RETAINING	1							
8	2	172A23-70220	PISTON ASSY	1							
9	3	172A23-70230	PISTON	1							
10	3	172A23-70240	SCREW, M6	1							
11	3	24190-050002	BALL, STEEL 5/32	1							
12	2	172A23-70250	PLUNGER, CUSHION	1							
13	2	172A23-70260	COLLAR, CUSHION	1							
14	2	172A23-70270	PIPE ASSY	1							
15	2	172A23-70290	PLUG ASSY	2							
16	3	172A23-70300	PLUG	2							
17	3	172A23-70310	WASHER	2							
18	3	172A23-70320	HOLDER, PIPE	2							
19	3	24315-000150	O-RING, 1BP15.0	4							
20	3	26013-080162	BOLT, SPRING M8X 16	2							
21	2	172A23-70330	SEAL KIT	1							
22	3	172A23-70340	SEAL KIT, HEAD	1							
23	3	172B04-72690	SEAL SET,PISTON 70	1							
24	2	172A23-70410	TUBE ASSY	1							
24-1	2	172A23-70411	TUBE ASSY	1							N
(A=*2014.03.)											
25	3	172A23-70120	BUSH, PIN 40	1							
26	2	172A23-70420	PIPE ASSY	1							
27	2	172B04-72770	SEAL,DUST 40	4							
28	2	24761-020000	NIPPLE, GREASE PT1/8	2							
29	1	172456-72200	COVER, SLIDE	1							
30	1	172457-72230-N	COVER ASSY, CYLINDER	1							
31	1	172457-72240-N	COVER, CYLINDER	1							
32	1	172186-72480	GUIDE, SLIDE	2							
33	1	22217-100000	WASHER, SPRING 10	1							
34	1	22217-100000	WASHER, SPRING 10	4							
35	1	26116-100162	BOLT, M10X 16 PLATED	1							
36	1	26116-100162	BOLT, M10X 16 PLATED	4							
37	1	933147-03400	WASHER, BRAKE ARM	1							
38	1	933168-14170	SPRING	2							

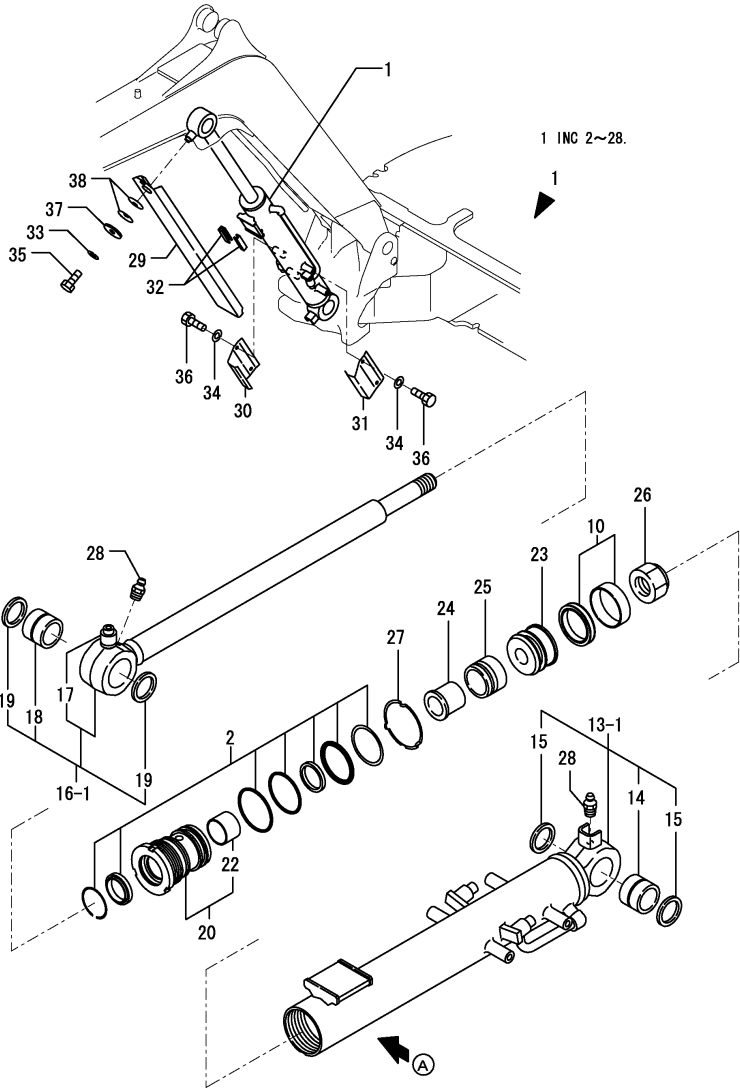
Remarks

* A : There is parts No. & serial No.(172A23-70400, YSXXX).

Fig.69. BOOM CYLINDER(CANOPY SPEC.)(Y SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



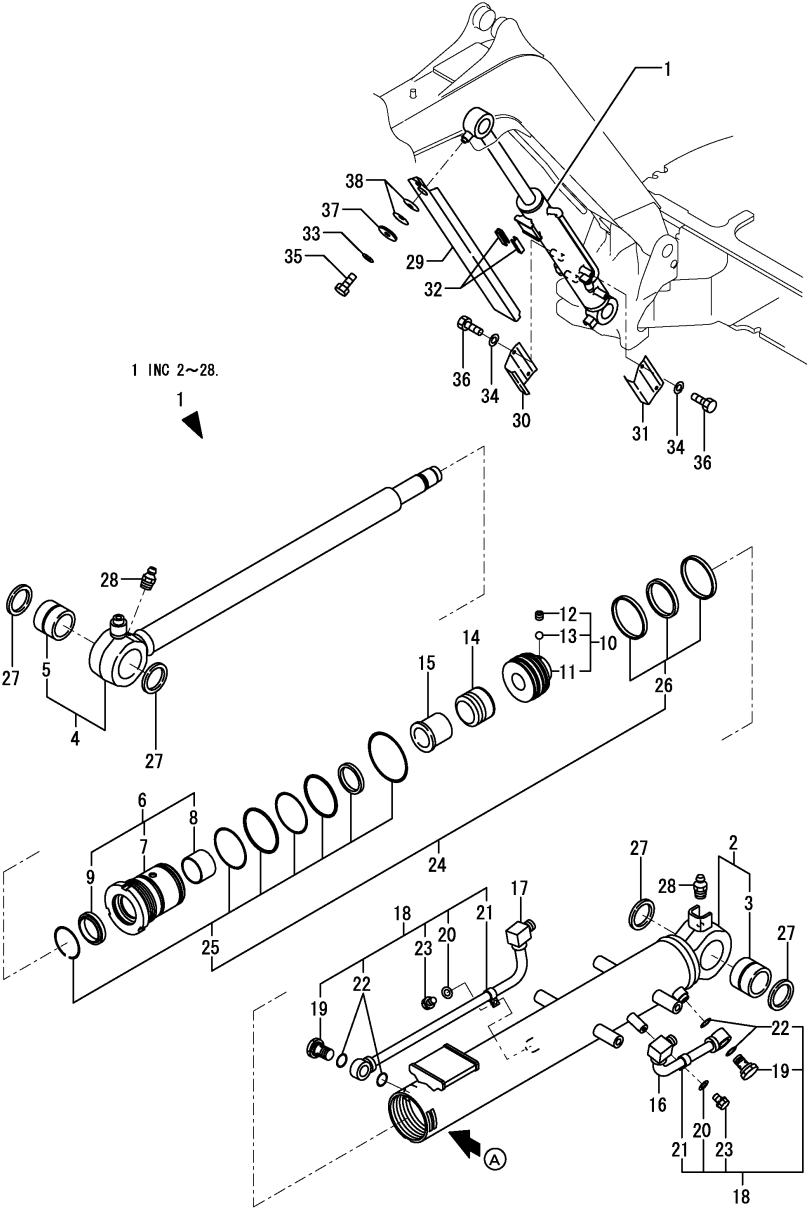
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72100	CYLINDER ASSY, BOOM		1	1					
1-1	1	172456-72100-N (B=M38501) (C=M38501)	CYLINDER ASSY, BOOM		1	1				S	
1-2	1	172456-72100-N (B=M3A333) (C=M3A333)	CYLINDER ASSY, BOOM		1	1				Z	2
2	2	172456-72010	SEAL SET, HEAD 70 40		1	1					
10	2	172460-72070	SEAL SET, PISTON		1	1					
13-1	2	172456-72250	TUBE ASSY, BOOM		1	1					
13-2	2	172456-72250-N (B=M38501) (C=M38501)	TUBE ASSY, BOOM		1	1				S	
14	3	172168-72410	BUSH		1	1					
15	3	172448-72650	SEAL, DUST		2	2					
16-1	2	172456-72260	ROD ASSY,BOOM		1	1					
17	4	172168-72390	SEAT, SCREW M10X34.3		1	1					1
18	3	172168-72410	BUSH		1	1					
19	3	172448-72650	SEAL, DUST		2	2					
20	2	172456-72170	HEAD ASSY 70 40		1	1					
22	3	24550-040300	BUSH, 40X30		1	1					
23	2	172456-72190	PISTON		1	1					
24	2	172457-72190	COLLAR, 27 38		1	1					
25	2	172457-72200	PLUNGER 50,CUSHON		1	1					
26	2	172141-72250	NUT		1	1					
27	2	172141-72420	WASHER, LOCK		1	1					
28	2	24761-020000	NIPPLE, GREASE PT1/8		2	2					
29	1	172456-72200	COVER, SLIDE		1	1					
29-1	1	172456-72200-N (B=M38501) (C=M38501)	COVER, SLIDE		1	1				S	
30	1	172457-72230	COVER ASSY, CYLINDER		1	1					
30-1	1	172457-72230-N (B=M38501) (C=M38501)	COVER ASSY, CYLINDER		1	1				S	
31	1	172457-72240	COVER, CYLINDER		1	1					
31-1	1	172457-72240-N (B=M38501) (C=M38501)	COVER, CYLINDER		1	1				S	
32	1	172186-72480	GUIDE, SLIDE		2	2					
33	1	22217-100000	WASHER, SPRING 10		1	1					
34	1	22217-100000	WASHER, SPRING 10		4	4					
35	1	26116-100162	BOLT, M10X 16 PLATED		1	1					
36	1	26116-100162	BOLT, M10X 16 PLATED		4	4					
37	1	933147-03400	WASHER, BRAKE ARM		1	1					
38	1	933168-14170	SPRING		2	2					

Remarks
(1)A : no mark.
Interchangeable by Fig.134(69A) No.1.

Fig.134. (69A)BOOM CYLINDER(CANOPY SPEC.)(K SPEC.)

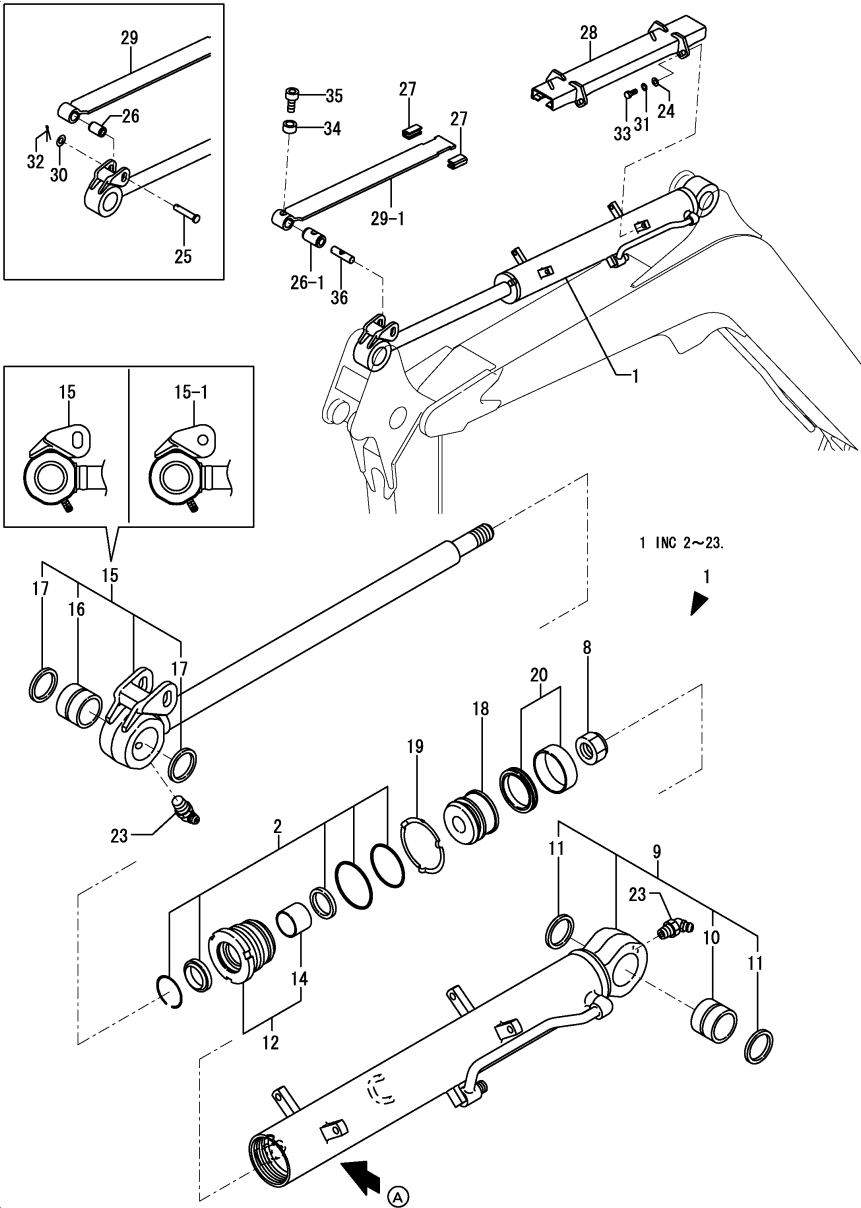
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-70100	CYLINDER ASSY, BM P (B=M3A333) (C=M3A333)		1	1					W
1-1	1	172A23-70101	CYLINDER ASSY, BM P (B=*2014.03.) (C=*2014.03.)		1	1					N
2	2	172A23-70110	TUBE ASSY		1	1					
2-1	2	172A23-70111	TUBE ASSY (B=*2014.03.) (C=*2014.03.)		1	1					N
3	3	172A23-70120	BUSH, PIN 40		1	1					
4	2	172A23-70130	ROD ASSY		1	1					
5	3	172A23-70120	BUSH, PIN 40		1	1					
6	2	172A23-70140	HEAD ASSY		1	1					
7	3	172A23-70150	HEAD		1	1					
8	3	172A23-70160	BEARING, SLEEVE		1	1					
9	3	172A23-70210	RING, RETAINING		1	1					
10	2	172A23-70220	PISTON ASSY		1	1					
11	3	172A23-70230	PISTON		1	1					
12	3	172A23-70240	SCREW, M6		1	1					
13	3	24190-050002	BALL, STEEL 5/32		1	1					
14	2	172A23-70250	PLUNGER, CUSHION		1	1					
15	2	172A23-70260	COLLAR, CUSHION		1	1					
16	2	172A23-70270	PIPE ASSY		1	1					
17	2	172A23-70280	PIPE ASSY		1	1					
18	2	172A23-70290	PLUG ASSY		2	2					
19	3	172A23-70300	PLUG		2	2					
20	3	172A23-70310	WASHER		2	2					
21	3	172A23-70320	HOLDER, PIPE		2	2					
22	3	24315-000150	O-RING, 1BP15.0		4	4					
23	3	26013-080162	BOLT, SPRING M8X 16		2	2					
24	2	172A23-70330	SEAL KIT		1	1					
25	3	172A23-70340	SEAL KIT, HEAD		1	1					
26	3	172B04-72690	SEAL SET,PISTON 70		1	1					
27	2	172B04-72770	SEAL,DUST 40		4	4					
28	2	24761-020000	NIPPLE, GREASE PT1/8		2	2					
29	1	172456-72200-N	COVER, SLIDE		1	1					
30	1	172457-72230-N	COVER, BOOM CYL. R		1	1					
31	1	172457-72240-N	COVER, BOOM CYL. L		1	1					
32	1	172186-72480	GUIDE, SLIDE		2	2					
33	1	22217-100000	WASHER, SPRING 10		1	1					
34	1	22217-100000	WASHER, SPRING 10		4	4					
35	1	26116-100162	BOLT, M10X 16 PLATED		1	1					
36	1	26116-100162	BOLT, M10X 16 PLATED		4	4					
37	1	933147-03400	WASHER, BRAKE ARM		1	1					
38	1	933168-14170	SPRING		2	2					

Remarks
* A : There is parts No. & serial No.(172A23-70100, YSXXX).

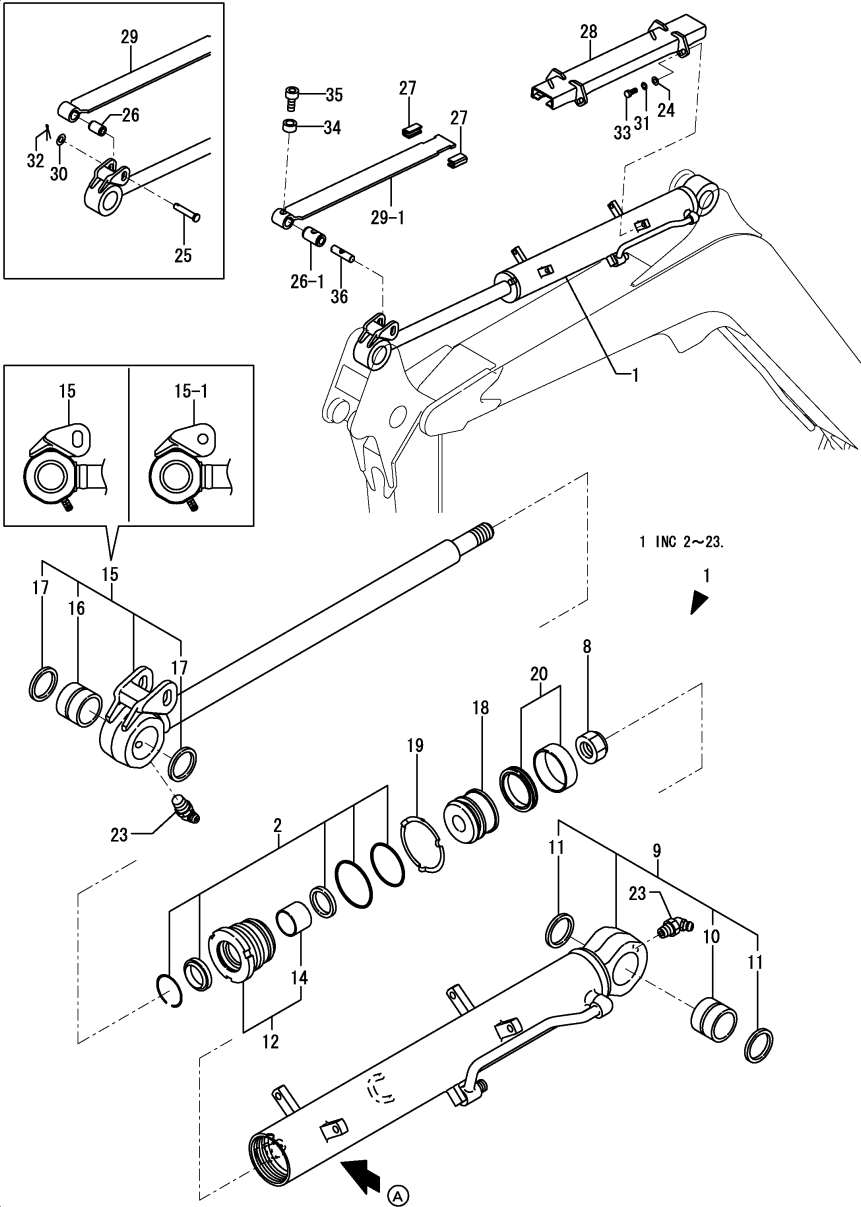


Remarks
(1)Interchangeable by simultaneous replacement with No.33-1.
(2)A : no mark.
Interchangeable by Fig.135(70A) No.1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72301	CYLINDER, ARM	1	1	1					
1-1	1	172A23-72302	CYLINDER, ARM	1	1	1				S	
(A=M33361) (B=M33361) (C=M33361)											
1-2	1	172A23-72302-N	CYLINDER, ARM	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
1-3	1	172A23-72302-N	CYLINDER, ARM	1	1	1				Z	2
(A=M45946) (B=M45946) (C=M45946)											
2	2	172456-72020	SEAL SET, HEAD 65 35	1	1	1					
8	2	172171-72130	NUT, M24	1	1	1					
9	2	172A23-72320	TUBE, ARM	1	1	1					
9-1	2	172A23-72320-N	TUBE, ARM	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
10	3	172168-72410	BUSH	1	1	1					
11	3	172448-72650	SEAL, DUST	2	2	2					
12	2	172173-72330	HEAD ASSY, 65 35	1	1	1					
14	3	24550-035300	BUSH, 35X30	1	1	1					
15	2	172A23-72340	ROD ASSY,ARM	1	1	1					
15-1	2	172A23-72341	ROD ASSY,ARM	1	1	1				S	
(A=M/#33361) (B=M/#33361) (C=M/#33361)											
16	3	172168-72410	BUSH	1	1	1					
17	3	172448-72650	SEAL, DUST	2	2	2					
18	2	172173-72352	PISTON 65 24	1	1	1					
19	2	172142-72560	WASHER, LOCK	1	1	1					
20	2	172148-72941	SEAL SET, PISTON	1	1	1					
23	2	24761-040000	NIPPLE, GREASE B	2	2	2					
24	1	172137-46040	SEAT, SPRING	4	4	4					
24-1	1	172A79-72570	WASHER	4	4	4				F	1
(A=M35892) (B=M35892) (C=M35892)											
25	1	172A23-72041	PIN	1	1	1					
25-1	1	172A23-72042	PIN	1	1	1				N	
(A=M/#30829) (B=M/#30829) (C=M/#30829)											
25-2	1	172A23-72042	PIN	1	1	1				Z	
(A=M/#33361) (B=M/#33361) (C=M/#33361)											
26	1	172A23-72050	GROMMET	1	1	1					
26-1	1	172A23-72051	GROMMET	1	1	1				N	
(A=M/#33361) (B=M/#33361) (C=M/#33361)											
26-2	1	172A23-72052	GROMMET	1	1	1				N	
(A=M32769) (B=M32769) (C=M32769)											
27	1	172A23-72081	GUIDE, SLIDE	2	2	2					
28	1	172A23-72061	GUIDE ASSY	1	1	1				W	
(A=M/#30757) (B=M/#30757) (C=M/#30757)											
28-1	1	172A23-72062-1	GUIDE ASSY, 545	1	1	1				N	
(A=M37001) (B=M37001) (C=M37001)											
28-2	1	172A23-72062-N	GUIDE ASSY, 545	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
29	1	172A23-72950	PLATE, SLIDE	1	1	1					
29-1	1	172A23-72951	PLATE, SLIDE	1	1	1				N	1
(A=M33361) (B=M33361) (C=M33361)											
29-2	1	172A23-72951-N	PLATE, SLIDE	1	1	1				S	1
(A=M38501) (B=M38501) (C=M38501)											
30	1	22137-140000	WASHER, 14	1	1	1					

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



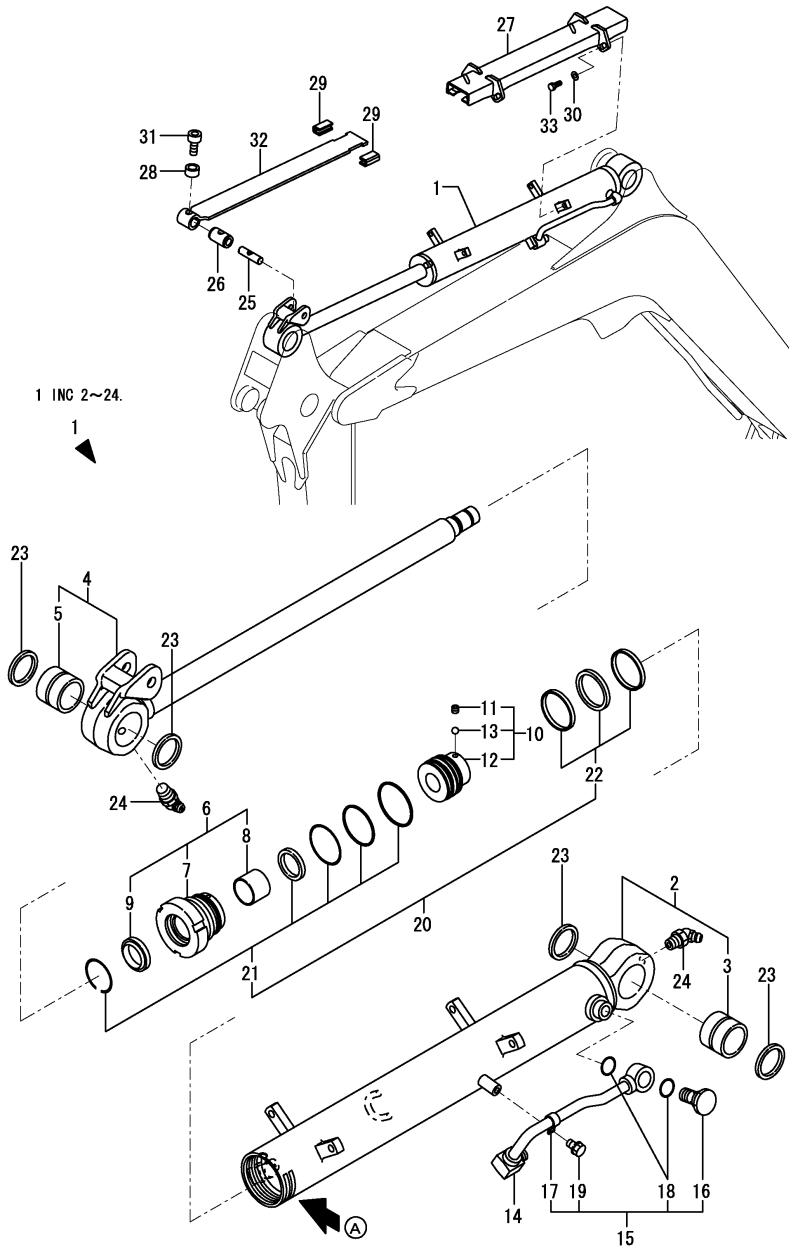
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
30-1	1	172A23-72020	WASHER (A=M/#30829) (B=M/#30829) (C=M/#30829)	1	1	1					R
30-2	1	172A23-72020	WASHER (A=M/#33361) (B=M/#33361) (C=M/#33361)	1	1	1					Z
31	1	22217-100000	WASHER, SPRING 10 (A=M/#31474)	4							Z
32	1	22417-500250	PIN, COTTER 5.0X25 (A=M/#33361) (B=M/#33361) (C=M/#33361)	1	1	1					Z
33	1	26076-100202	BOLT, 10.910X 20 (A=M35970) (B=M35970) (C=M35970)	4	4	4					
33-1	1	26076-100252	BOLT, 10.910X 25 (A=M35970) (B=M35970) (C=M35970)	4	4	4					N
34	1	172A46-72070	SPACER (A=M/#33361) (B=M/#33361) (C=M/#33361)	1	1	1					W
35	1	26450-060162	BOLT, M6X 16 (A=M/#33361) (B=M/#33361) (C=M/#33361)	1	1	1					W
35-1	1	172A47-72840	BOLT (A=M34875) (B=M34875) (C=M34875)	1	1	1					N
36	1	172A23-72043	SHAFT (A=M/#33361) (B=M/#33361) (C=M/#33361)	1	1	1					W 1

Remarks
(1)Interchangeable by simultaneous replacement with No.33-1.
(2)A : no mark.
Interchangeable by Fig.135(70A) No.1.

Fig.135. (70A)ARM CYLINDER(K SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

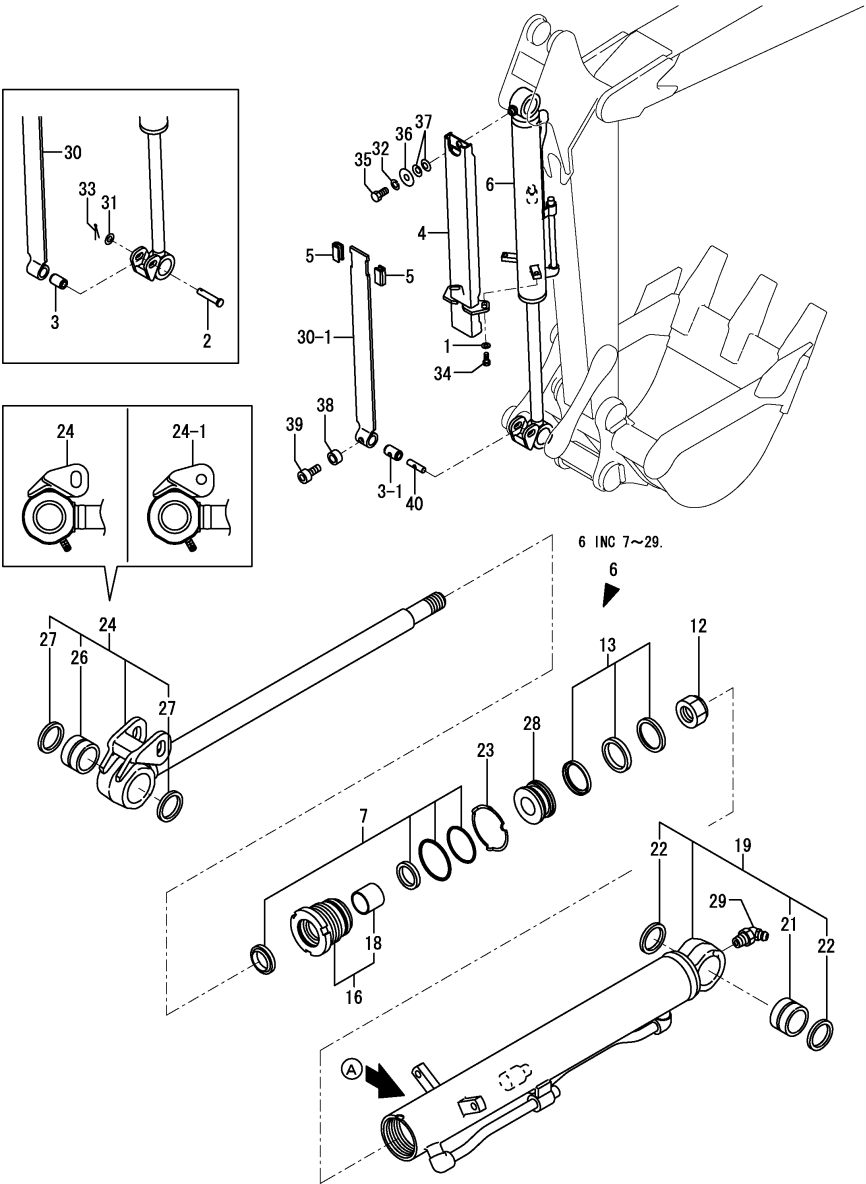
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-70500 (A=M45946) (B=M45946) (C=M45946)	CYLINDER ASSY,AM	1	1	1					W
2	2	172A23-70510	TUBE ASSY	1	1	1					
3	3	172A23-70120	BUSH, PIN 40	1	1	1					
4	2	172A23-70520	ROD ASSY	1	1	1					
5	3	172A23-70120	BUSH, PIN 40	1	1	1					
6	2	172A23-70530	HEAD ASSY	1	1	1					
7	3	172A23-70540	HEAD	1	1	1					
8	3	172A23-70550	BEARING, SLEEVE	1	1	1					
9	3	172A23-70560	RING, RETAINING	1	1	1					
10	2	172A23-70570	PISTON ASSY	1	1	1					
11	3	172A23-70240	SCREW, M6	1	1	1					
12	3	172A23-70580	PISTON	1	1	1					
13	3	24190-050002	BALL, STEEL 5/32	1	1	1					
14	2	172A23-70590	PIPE ASSY	1	1	1					
15	2	172A23-70600	PLUG ASSY	1	1	1					
16	3	172A23-70610	PLUG	1	1	1					
17	3	172A23-70620	HOLDER, PIPE	1	1	1					
18	3	24315-350220	O-RING, 1BP22A	2	2	2					
19	3	26013-080162	BOLT, SPRING M8X 16	1	1	1					
20	2	172A23-70630	SEAL KIT	1	1	1					
21	3	172A23-70640	SEAL KIT, HEAD	1	1	1					
22	3	172A23-70650	SEAL KIT, PISTON	1	1	1					
23	2	172B04-72770	SEAL,DUST 40	4	4	4					
24	2	24761-040000	NIPPLE, GREASE B	2	2	2					
25	1	172A23-72043	SHAFT	1	1	1					
26	1	172A23-72052	GROMMET	1	1	1					
27	1	172A23-72062-N	GUIDE ASSY, 545	1	1	1					
28	1	172A46-72070	SPACER	1	1	1					
29	1	172A23-72081	GUIDE, SLIDE	2	2	2					
30	1	172A79-72570	WASHER	4	4	4					
31	1	172A47-72840	BOLT	1	1	1					
32	1	172A23-72951-N	PLATE,SLIDE 585	1	1	1					
33	1	26076-100252	BOLT, 10.910X 25	4	4	4					

Remarks

* A : There is parts No. & serial No.(172A23-70500, YSXXX).



Remarks

(1)Interchangeable by simultaneous replacement with No.34-1.

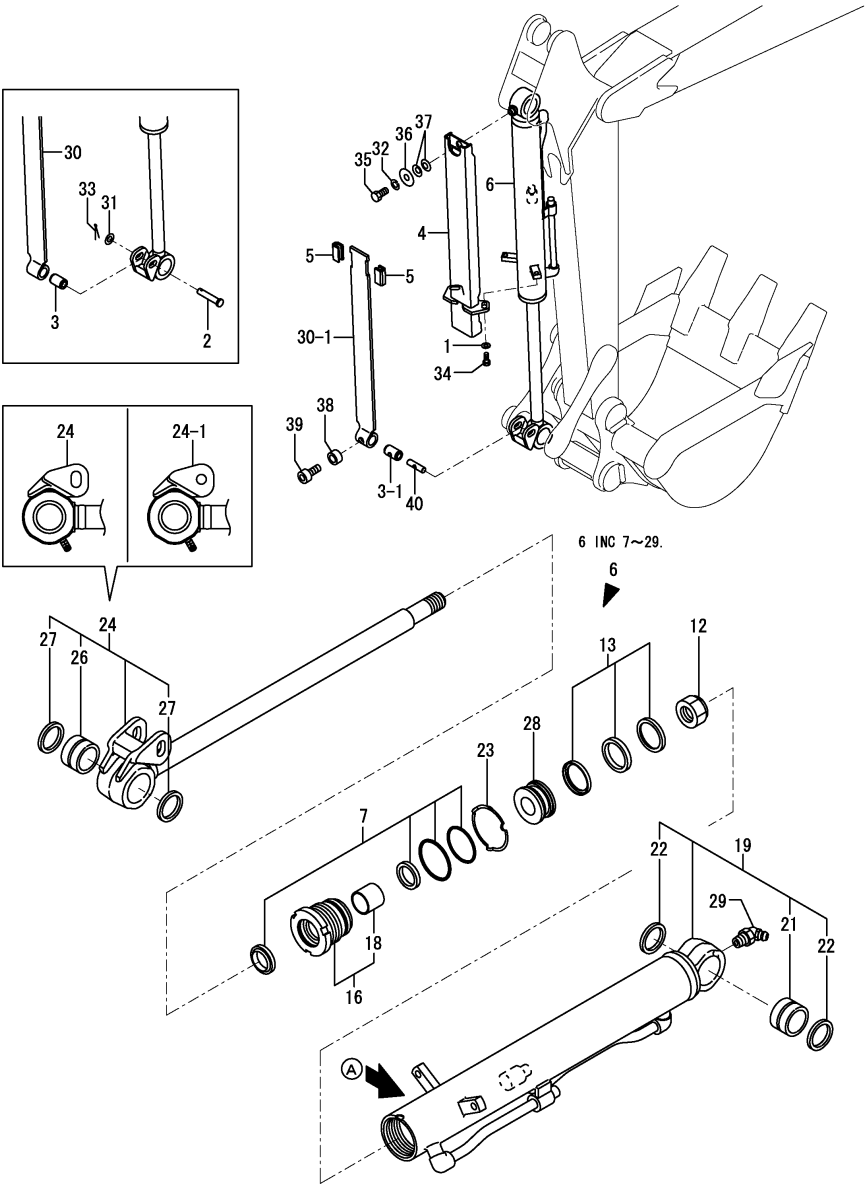
(2)A : no mark.

Interchangeable by Fig.136(71A) No.1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	2	2						
1-1	1	172A79-72570	WASHER	2	2					F	1
		(A=M35892) (B=M35892)									
2	1	172A23-72041	PIN	1	1						
2-1	1	172A23-72042	PIN	1	1						N
		(A=M/#30829) (B=M/#30829)									
2-2	1	172A23-72042	PIN	1	1						Z
		(A=M/#33361) (B=M/#33361)									
3	1	172A23-72050	GROMMET	1	1						
3-1	1	172A23-72051	GROMMET	1	1						N
		(A=M/#33361) (B=M/#33361)									
3-2	1	172A23-72052	GROMMET	1	1						N
		(A=M32796) (B=M32796)									
4	1	172A23-72901	GUIDE ASSY	1	1						
4-1	1	172A23-72902-1	GUIDE ASSY, 595	1	1						N
		(A=M37001) (B=M37001)									
4-2	1	172A23-72902-N	GUIDE ASSY, 595	1	1						S
		(A=M38501) (B=M38501)									
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172A23-72501	CYLINDER ASSY	1	1						
6-1	1	172A23-72502	CYLINDER ASSY	1	1						S
		(A=M/#33361) (B=M/#33361)									
6-2	1	172A23-72502-N	CYLINDER ASSY	1	1						S
		(A=M38501) (B=M38501)									
6-3	1	172A23-72502-N	CYLINDER ASSY	1	1					Z	2
		(A=M3A331) (B=M3A331)									
7	2	172456-72031	SEAL SET, HEAD 55 35	1	1						
12	2	172141-72250	NUT	1	1						
13	2	172449-72321	GASKET ASSY, RGU55	1	1						
16	2	172449-72410	HEAD CMP B,55-35	1	1						
18	3	24550-035300	BUSH, 35X30	1	1						
19	2	172A23-72520	TUBE, BUCKET	1	1						
19-1	2	172A23-72520-N	TUBE, BUCKET	1	1						S
		(A=M38501) (B=M38501)									
21	3	172141-72561	BUSH (35-45-30	1	1						
22	3	172448-81610	SEAL, DUST 35X45X4	2	2						
23	2	172173-72550	ROCK WASHER 55	1	1						
24	2	172A23-72570	ROD ASSY,BUCKET	1	1						
24-1	2	172A23-72571	ROD ASSY,BUCKET	1	1						S
		(A=M/#33361) (B=M/#33361)									
26	3	172141-72561	BUSH (35-45-30	1	1						
27	3	172448-81610	SEAL, DUST 35X45X4	2	2						
28	2	172456-72580	PISTON 55 (27-27	1	1						
29	2	24761-040000	NIPPLE, GREASE B	1	1						
30	1	172A23-72950	PLATE, SLIDE	1	1						
30-1	1	172A23-72951	PLATE, SLIDE	1	1						N
		(A=M/#33361) (B=M/#33361)									
30-2	1	172A23-72951-N	PLATE, SLIDE	1	1						S
		(A=M38501) (B=M38501)									
31	1	22137-140000	WASHER, 14	1	1						
31-1	1	172A23-72020	WASHER	1	1						R

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

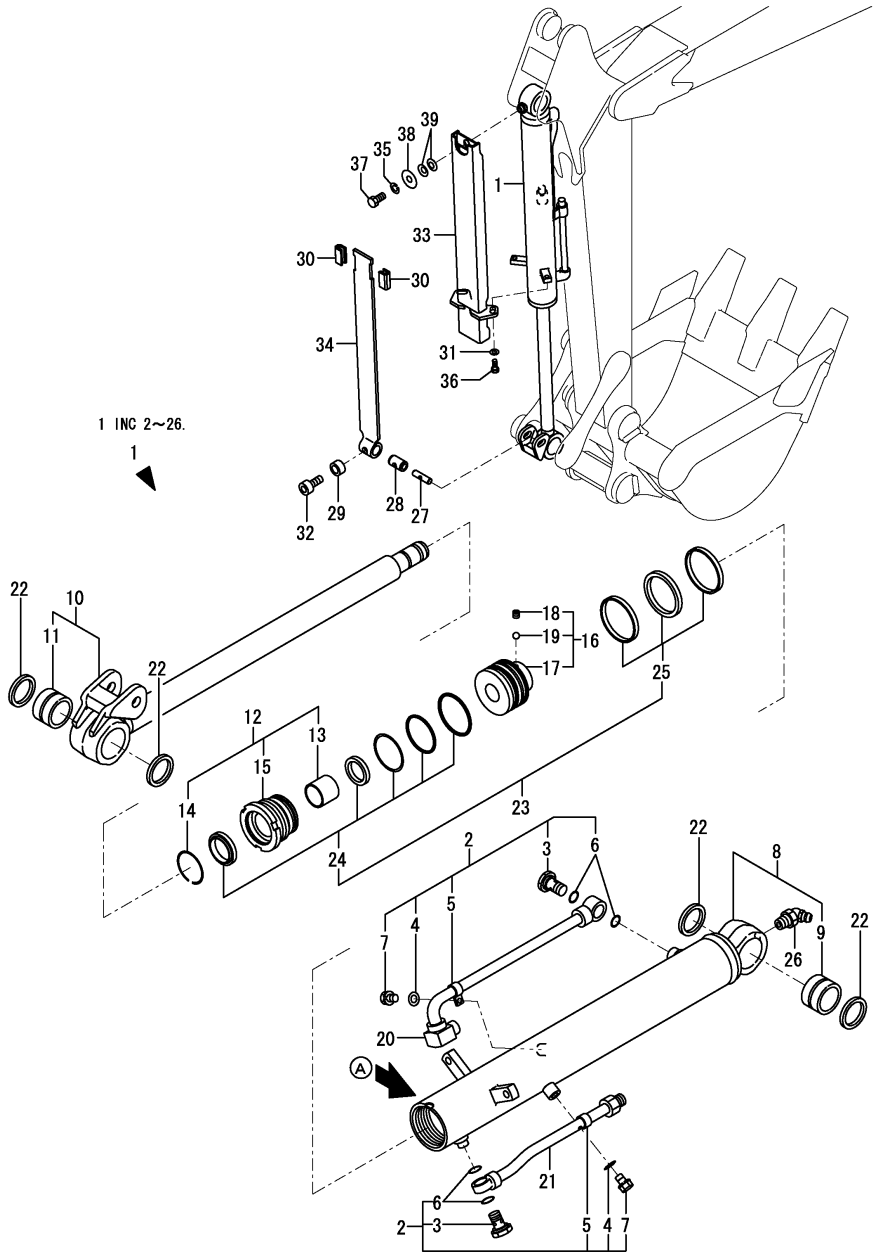
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
31-2	1	(A=M/#30829) (B=M/#30829) 172A23-72020	WASHER	1	1						Z
		(A=M/#33361) (B=M/#33361)									
32	1	22217-100000	WASHER, SPRING 10	1	1						
33	1	22417-500250	PIN, COTTER 5.0X25	1	1						Z
34	1	(A=M/#33361) (B=M/#33361) 26076-100202	BOLT, 10.910X 20	2	2						
		(A=M35892) (B=M35892) 26076-100252	BOLT, 10.910X 25	2	2						N
35	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
36	1	933147-03400	WASHER, BRAKE ARM	1	1						
37	1	933168-14170	SPRING	2	2						
38	1	172A46-72070	SPACER	1	1						W
39-1	1	(A=M/#33361) (B=M/#33361) 172A47-72840	BOLT	1	1						N
		(A=M34875) (B=M34875)									
40	1	172A23-72043	SHAFT	1	1						W
		(A=M/#33361) (B=M/#33361)									

Remarks
(1)Interchangeable by simultaneous replacement with No.34-1.
(2)A : no mark.
Interchangeable by Fig.136(71A) No.1.

Fig.136. (71A)BUCKET CYLINDER(K SPEC.)



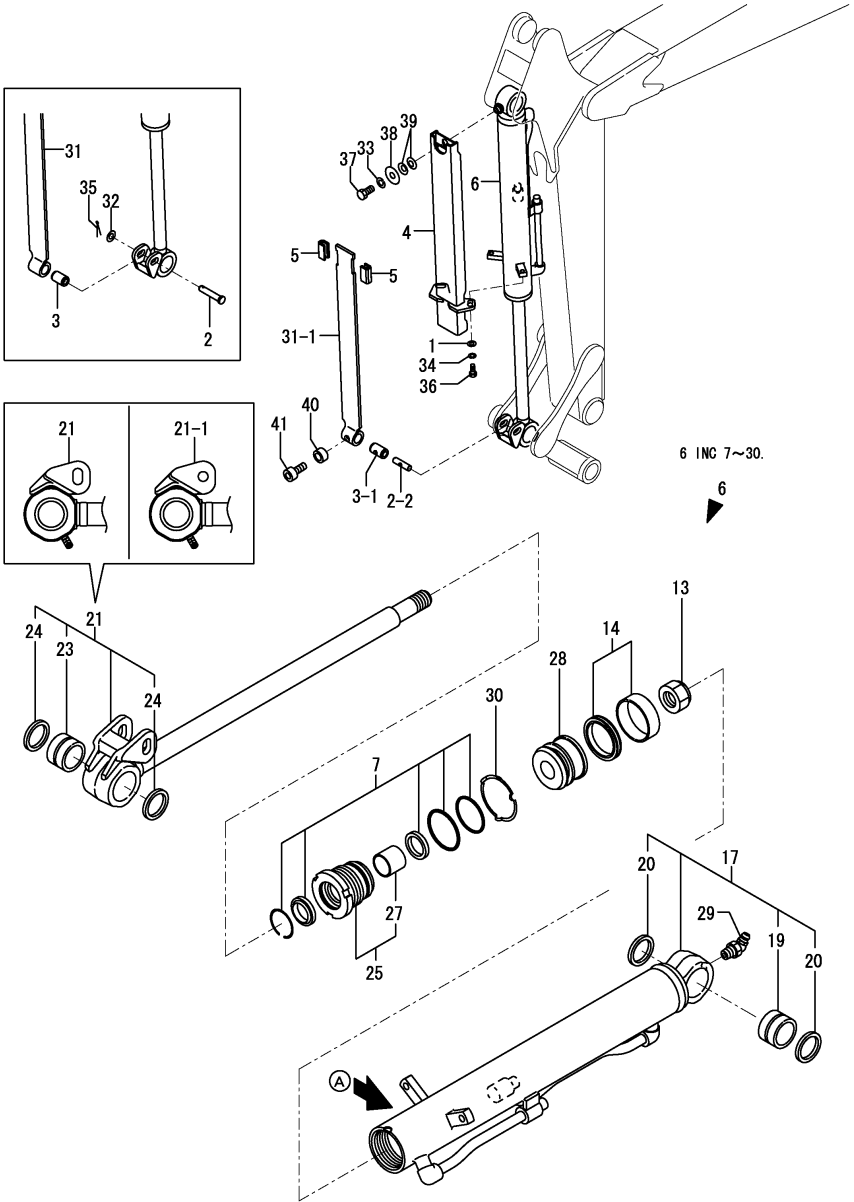
Remarks
* A : There is parts No. & serial No.(172A23-70700, YSXXX).

										OCK10-M39703 Fig.136	
										(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)	
										(D)= (E)= (F)=	
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
No.	Lev.	Parts No.	Description								
1	1	172A23-70700 (A=M3A331) (B=M3A331)	CYLINDER ASSY, BKT	1	1						
2	2	172A23-70290	PLUG ASSY	2	2						
3	3	172A23-70300	PLUG	2	2						
4	3	172A23-70310	WASHER	2	2						
5	3	172A23-70320	HOLDER, PIPE	2	2						
6	3	24315-000150	O-RING, 1BP15.0	4	4						
7	3	26013-080162	BOLT, SPRING M8X 16	2	2						
8	2	172A23-70710	TUBE ASSY	1	1						
9	3	172A23-70720	BUSH, PIN 35	1	1						
10	2	172A23-70730	ROD ASSY	1	1						
11	3	172A23-70720	BUSH, PIN 35	1	1						
12	2	172A23-70740	HEAD ASSY	1	1						
13	3	172A23-70550	BEARING, SLEEVE	1	1						
14	3	172A23-70560	RING, RETAINING	1	1						
15	3	172A23-70750	HEAD	1	1						
16	2	172A23-70780	PISTON ASSY	1	1						
17	3	172A23-70790	PISTON	1	1						
18	3	172A23-70800	SCREW, M6	1	1						
19	3	24190-050002	BALL, STEEL 5/32	1	1						
20	2	172A23-70810	PIPE ASSY	1	1						
21	2	172A23-70820	PIPE ASSY	1	1						
22	2	172A23-70830	SEAL, DUST PIN 35	4	4						
23	2	172A23-70840	SEAL KIT	1	1						
24	3	172A23-70850	SEAL KIT, HEAD	1	1						
25	3	172A23-70860	SEAL KIT, PISTON	1	1						
26	2	24761-040000	NIPPLE, GREASE B	1	1						
27	1	172A23-72043	SHAFT	1	1						
28	1	172A23-72052	GROMMET	1	1						
29	1	172A46-72070	SPACER	1	1						
30	1	172A23-72081	GUIDE, SLIDE	2	2						
31	1	172A79-72570	WASHER	2	2						
32	1	172A47-72840	BOLT	1	1						
33	1	172A23-72902-N	GUIDE ASSY, 595	1	1						
34	1	172A23-72951-N	PLATE,SLIDE 585	1	1						
35	1	22217-100000	WASHER, SPRING 10	1	1						
36	1	26076-100252	BOLT, 10.910X 25	2	2						
37	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
38	1	933147-03400	WASHER, BRAKE ARM	1	1						
39	1	933168-14170	SPRING	2	2						

Fig.72. BUCKET CYLINDER(Q SPEC.)(Y SPEC.)

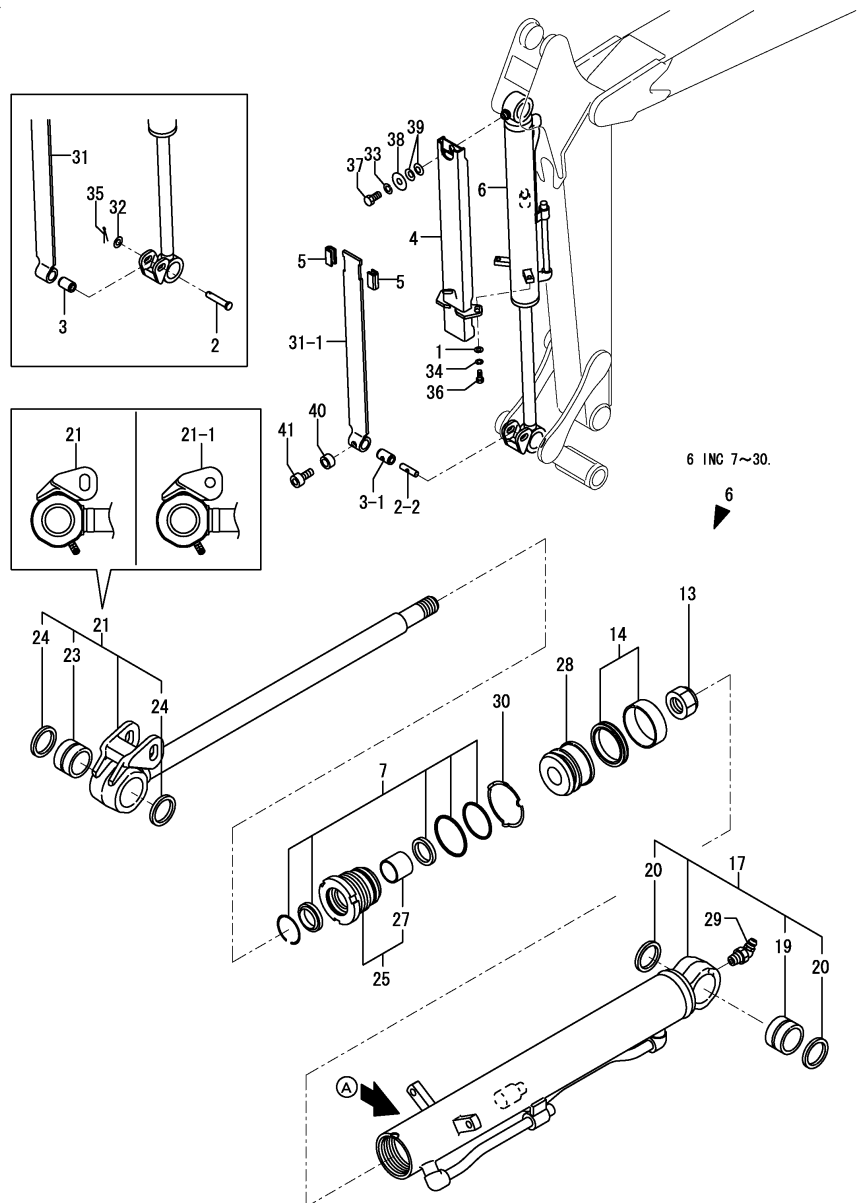
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	2	2	2					
1-1	1	172A79-72570	WASHER	2	2	2				F	1
		(A=M35970) (B=M35970) (C=M35970)									
2	1	172A23-72041	PIN	1	1	1					
2-1	1	172A23-72042	PIN	1	1	1					N
		(A=M/#30829) (B=M/#30829) (C=M/#30829)									
2-2	1	172A23-72043	SHAFT	1	1	1					S
		(A=M33669) (B=M33669) (C=M33669)									
3	1	172A23-72050	GROMMET	1	1	1					
3-1	1	172A23-72051	GROMMET	1	1	1					N
		(A=M33669) (B=M33669) (C=M33669)									
3-2	1	172A23-72052	GROMMET	1	1	1					N
		(A=M32796) (B=M32796) (C=M32796)									
4	1	172A23-72901	GUIDE ASSY	1	1	1					
4-1	1	172A23-72902	GUIDE ASSY, 595	1	1	1					N
		(A=M37001) (B=M37001) (C=M37001)									
4-2	1	172A23-72902-N	GUIDE ASSY, 595	1	1	1					S
		(A=M38501) (B=M38501) (C=M38501)									
5	1	172A23-72081	GUIDE, SLIDE	2	2	2					
6	1	172A30-72501	CYLINDER ASSY	1	1	1					
6-1	1	172A30-72502-3	CYLINDER ASSY	1	1	1					S
		(A=M33669) (B=M33669) (C=M33669)									
6-2	1	172A30-72502-N	CYLINDER ASSY	1	1	1					S
		(A=M38501) (B=M38501) (C=M38501)									
6-3	1	172A30-72502-N	CYLINDER ASSY	1	1	1					Z 2
		(A=M3A348) (B=M3A348) (C=M3A348)									
7	2	172457-72050	SEAL SET, HEAD	1	1	1					
13	2	172141-72250	NUT	1	1	1					
14	2	172137-72453	SEAL SET, PISTON 60A	1	1	1					
17	2	172A30-72520	TUBE, BUCKET	1	1	1					
17-1	2	172A30-72520-N	TUBE, BUCKET	1	1	1					S
		(A=M38501) (B=M38501) (C=M38501)									
19	3	172141-72561	BUSH (35-45-30	1	1	1					
20	3	172448-81610	SEAL, DUST 35X45X4	2	2	2					
21	2	172A30-72540	ROD,BUCKET Q	1	1	1					
21-1	2	172A30-72541	ROD ASSY,BUCKET Q	1	1	1					S
		(A=M33669) (B=M33669) (C=M33669)									
23	3	172141-72561	BUSH (35-45-30	1	1	1					
24	3	172448-81610	SEAL, DUST 35X45X4	2	2	2					
25	2	172141-72540	HEAD 6035, CYLINDER	1	1	1					
27	3	24550-035300	BUSH, 35X30	1	1	1					
28	2	172956-72560	PISTON 60	1	1	1					
29	2	24761-040000	NIPPLE, GREASE B	1	1	1					
30	2	933125-59600	WASHER 60 B, LOCK	1	1	1					
31	1	172A23-72950	PLATE, SLIDE	1	1	1					
31-1	1	172A23-72951	PLATE, SLIDE	1	1	1					N 1
		(A=M33669) (B=M33669) (C=M33669)									
31-2	1	172A23-72951-N	PLATE, SLIDE	1	1	1					S 1
		(A=M38501) (B=M38501) (C=M38501)									
32	1	22137-140000	WASHER, 14	1	1	1					
32-1	1	172A23-72020	WASHER	1	1	1					R

Remarks
(1)Interchangeable by simultaneous replacement with No.36-1.
(2)A : no mark.
Interchangeable by Fig.137(72A) No.1.



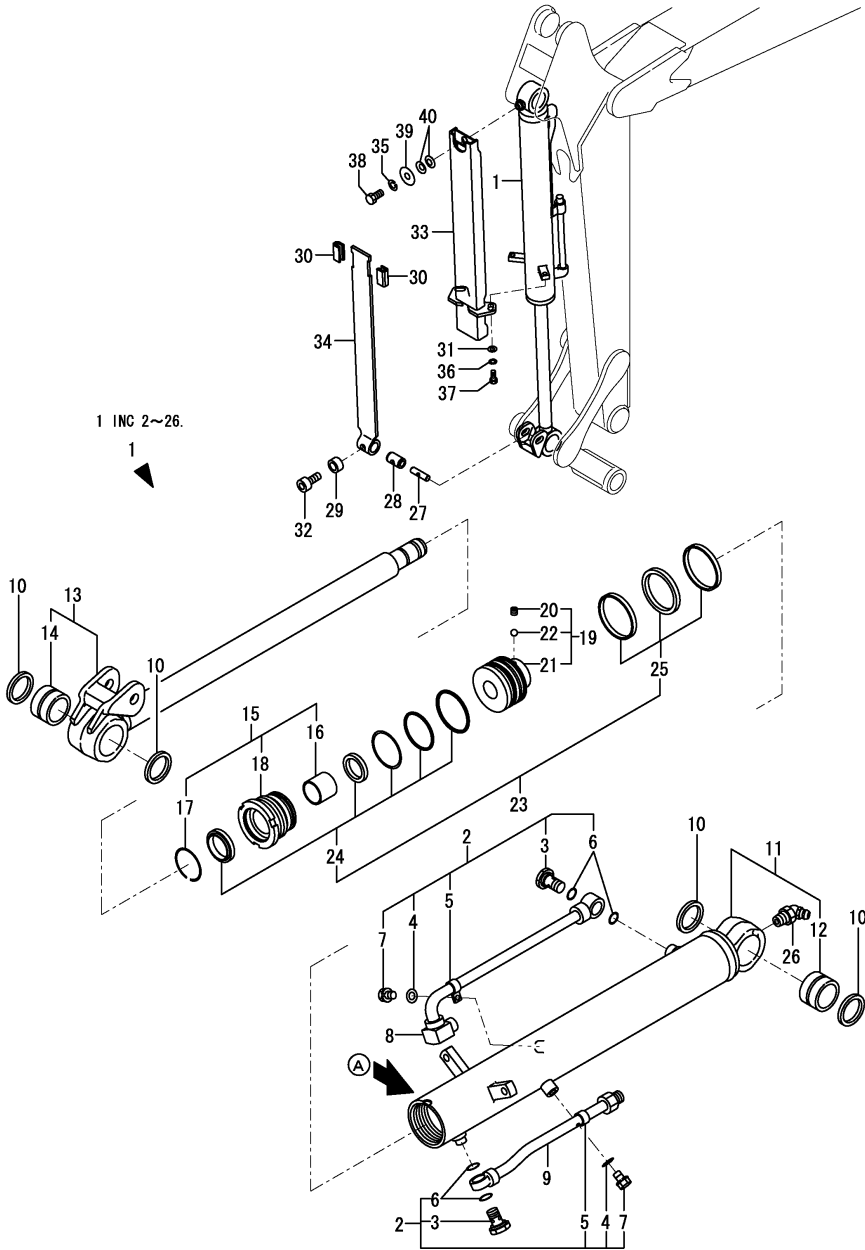
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32-2		(A=M/#30829)	(B=M/#30829)	(C=M/#30829)							
	1	172A23-72020	WASHER		1	1	1				Z
		(A=M33669)	(B=M33669)	(C=M33669)							
33	1	22217-100000	WASHER, SPRING 10		1	1	1				
34	1	22217-100000	WASHER, SPRING 10		2	2	2				Z
		(A=M/#31474)	(B=M/#31474)	(C=M/#31474)							
35	1	22417-500250	PIN, COTTER 5.0X25		1	1	1				Z
		(A=M33669)	(B=M33669)	(C=M33669)							
36	1	26076-100202	BOLT, 10.910X 20		2	2	2				
36-1	1	26076-100252	BOLT, 10.910X 25		2	2	2				N
		(A=M35970)	(B=M35970)	(C=M35970)							
37	1	26116-100162	BOLT, M10X 16 PLATED		1	1	1				
38	1	933147-03400	WASHER, BRAKE ARM		1	1	1				
39	1	933168-14170	SPRING		2	2	2				
40	1	172A46-72070	SPACER		1	1	1				W
		(A=M33669)	(B=M33669)	(C=M33669)							
41	1	26450-060162	BOLT, M6X 16		1	1	1				W
		(A=M33669)	(B=M33669)	(C=M33669)							
41-1	1	172A47-72840	BOLT		1	1	1				N
		(A=M34875)	(B=M34875)	(C=M34875)							

Interchangeable by Fig.137(72A) No.1.

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

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Fig.137. (72A)BUCKET CYLINDER(Q SPEC.)(K SPEC.)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

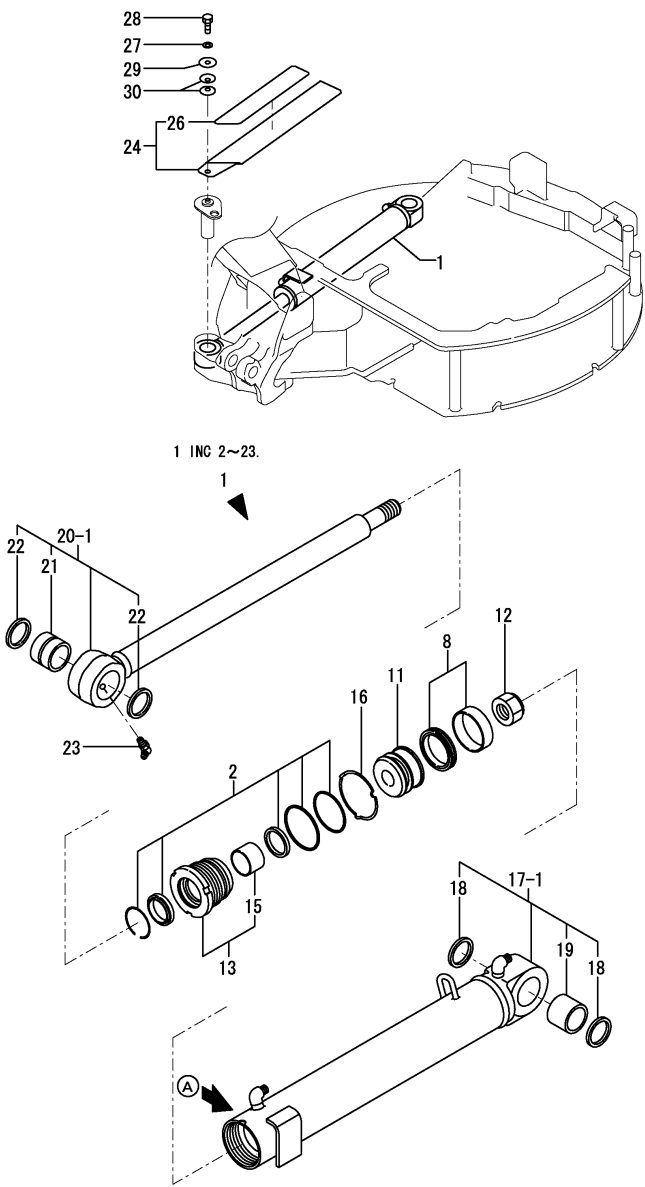
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-71100 (A=M3A348) (B=M3A348) (C=M3A348)	CYLINDER ASSY, BKT Q	1	1	1					W
2	2	172A23-70290	PLUG ASSY	2	2	2					
3	3	172A23-70300	PLUG	2	2	2					
4	3	172A23-70310	WASHER	2	2	2					
5	3	172A23-70320	HOLDER, PIPE	2	2	2					
6	3	24315-000150	O-RING, 1BP15.0	4	4	4					
7	3	26013-080162	BOLT, SPRING M8X 16	2	2	2					
8	2	172A23-70810	PIPE ASSY	1	1	1					
9	2	172A23-70820	PIPE ASSY	1	1	1					
10	2	172A23-70830	SEAL, DUST PIN 35	4	4	4					
11	2	172A23-71110	TUBE ASSY	1	1	1					
12	3	172A23-70720	BUSH, PIN 35	1	1	1					
13	2	172A23-71120	ROD ASSY	1	1	1					
14	3	172A23-70720	BUSH, PIN 35	1	1	1					
15	2	172A23-71130	HEAD ASSY	1	1	1					
16	3	172A23-70550	BEARING, SLEEVE	1	1	1					
17	3	172A23-70560	RING, RETAINING	1	1	1					
18	3	172A23-71140	HEAD	1	1	1					
19	2	172A23-71170	PISTON ASSY	1	1	1					
20	3	172A23-70800	SCREW, M6	1	1	1					
21	3	172A23-71180	PISTON	1	1	1					
22	3	24190-050002	BALL, STEEL 5/32	1	1	1					
23	2	172A23-71190	SEAL KIT	1	1	1					
24	3	172A23-71200	SEAL KIT, HEAD	1	1	1					
25	3	172A23-71210	SEAL KIT, PISTON	1	1	1					
26	2	24761-040000	NIPPLE, GREASE B	1	1	1					
27	1	172A23-72043	SHAFT	1	1	1					
28	1	172A23-72052	GROMMET	1	1	1					
29	1	172A46-72070	SPACER	1	1	1					
30	1	172A23-72081	GUIDE, SLIDE	2	2	2					
31	1	172A79-72570	WASHER	2	2	2					
32	1	172A47-72840	BOLT	1	1	1					
33	1	172A23-72902-N	GUIDE ASSY, 595	1	1	1					
34	1	172A23-72951-N	PLATE,SLIDE 585	1	1	1					
35	1	22217-100000	WASHER, SPRING 10	1	1	1					
36	1	22217-100000	WASHER, SPRING 10	2	2	2					
37	1	26076-100252	BOLT, 10.910X 25	2	2	2					
38	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1					
39	1	933147-03400	WASHER, BRAKE ARM	1	1	1					
40	1	933168-14170	SPRING	2	2	2					

Remarks
* A : There is parts No. & serial No.(172A23-71100, YSXXX).

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



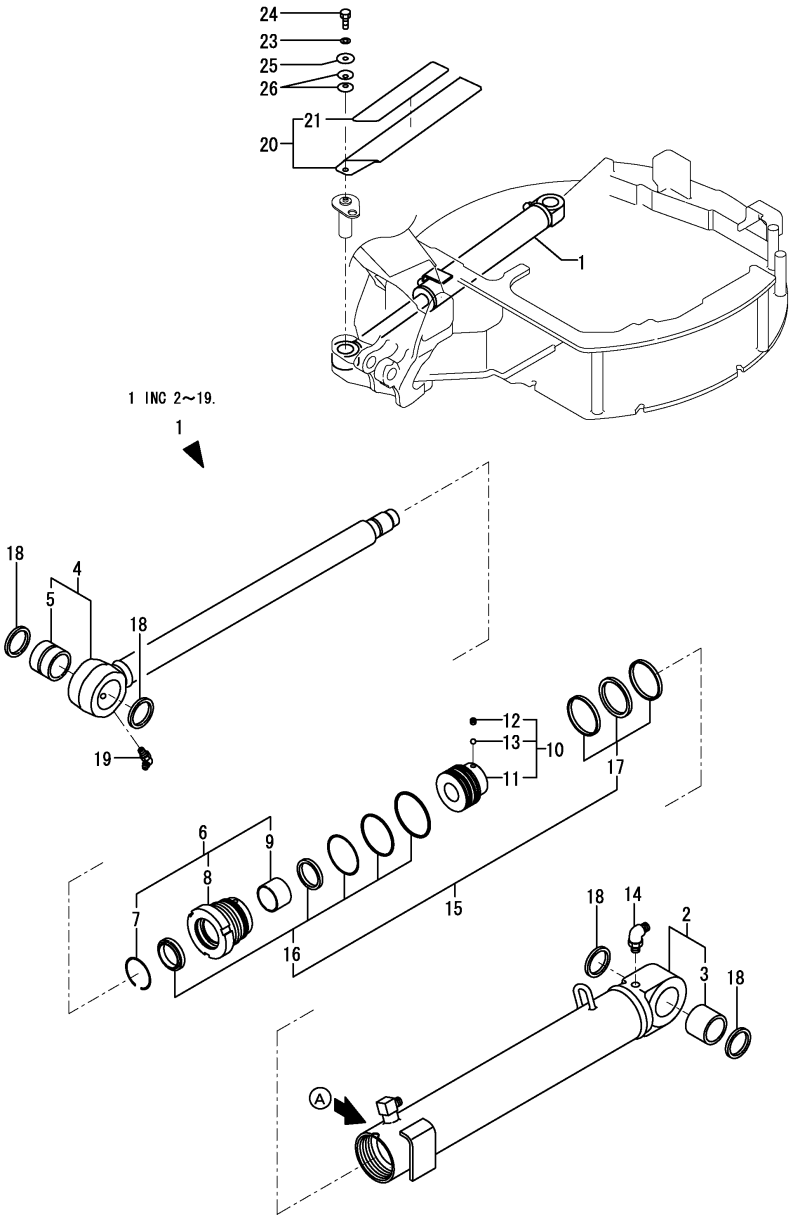
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72700	CYLINDER ASSY, SWING	1	1	1					
1-1	1	172456-72700-2	CYLINDER ASSY, SWING	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
1-2	1	172456-72700-2	CYLINDER ASSY, SWING	1	1	1					Z 1
(A=M3A331) (B=M3A331) (C=M3A331)											
2	2	172456-72050	SEAL SET, HEAD	1	1	1					
8	2	172460-72070	SEAL SET, PISTON	1	1	1					
11	2	172456-72190	PISTON	1	1	1					
12	2	172141-72250	NUT	1	1	1					
13	2	172143-72400	HEAD 70 40	1	1	1					
15	3	24550-040300	BUSH, 40X30	1	1	1					
16	2	172141-72420	WASHER, LOCK	1	1	1					
17-1	2	172456-72850	TUBE ASSY, SWING	1	1	1					
17-2	2	172456-72850-2	TUBE ASSY, SWING	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
18	3	172448-72650	SEAL, DUST	2	2	2					
19	3	172458-72740	BUSH	1	1	1					
20-1	2	172456-72860	ROD ASSY, SWING	1	1	1					
21	3	172165-72310	BUSH	1	1	1					
22	3	172448-72650	SEAL, DUST	2	2	2					
23	2	24761-050000	NIPPLE, GREASE C	1	1	1					
24	1	172456-72790	COVER, SWING		1	1					
24-1	1	172456-72790-2	COVER, SWING		1	1					S
(B=M/#33092) (C=M/#32643)											
26	2	172456-72830	SEAT, COVER		1	1					
26-1	2	172164-62431	SHEET		1	1					R
(B=M36153) (C=M36153)											
27	1	22217-100000	WASHER, SPRING 10		1	1					
28	1	26116-100162	BOLT, M10X 16 PLATED		1	1					
29	1	933147-03400	WASHER, BRAKE ARM		1	1					
30	1	933168-14170	SPRING		2	2					

Remarks
(1)A : no mark.
Interchangeable by Fig.138(73A) No.1.

Fig.138. (73A)SWING CYLINDER(K SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



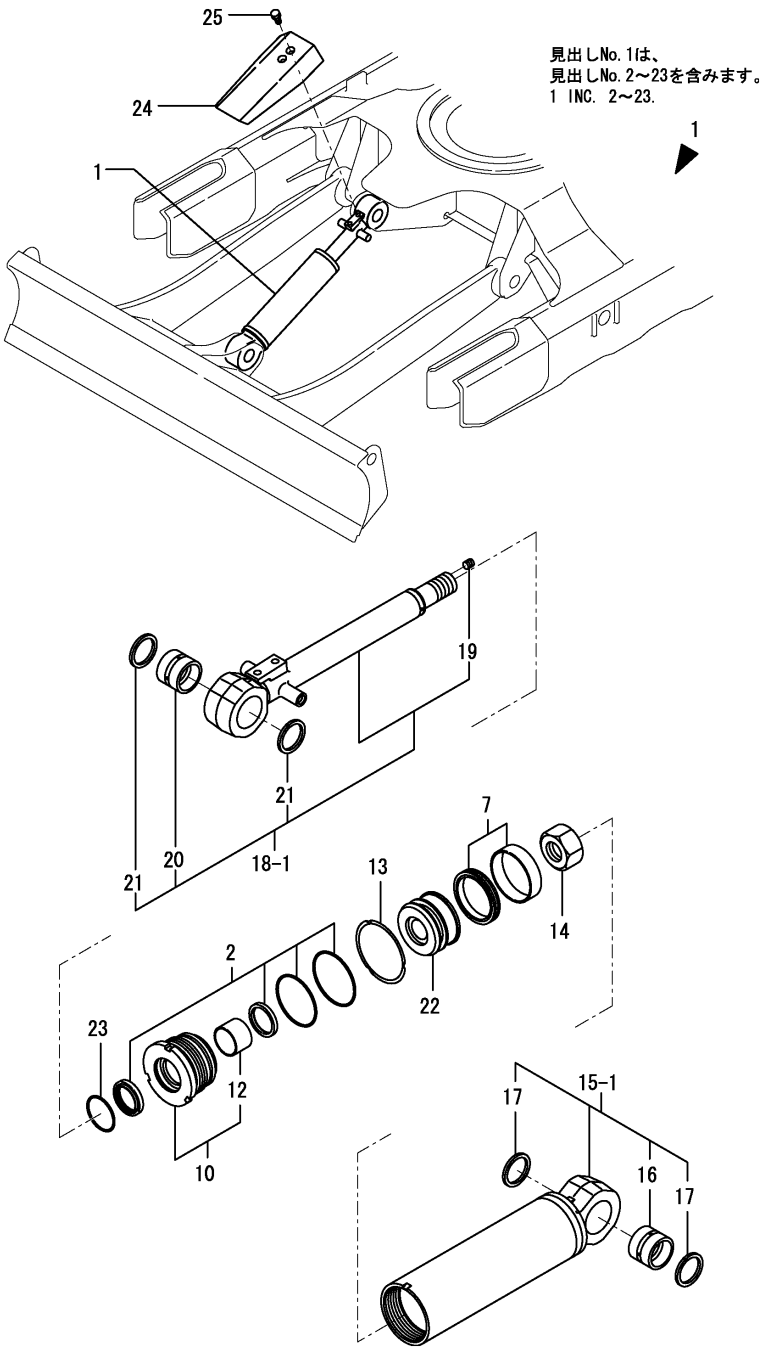
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-71400 (A=M3A331) (B=M3A331) (C=M3A331)	CYLINDER ASSY, SWING	1	1	1					W
2	2	172A23-71410	TUBE ASSY	1	1	1					
3	3	172A23-71420	BUSH, PIN 40	1	1	1					
4	2	172A23-71430	ROD ASSY	1	1	1					
5	3	172A23-70120	BUSH, PIN 40	1	1	1					
6	2	172A23-71440	HEAD ASSY	1	1	1					
7	3	172A23-70210	RING, RETAINING	1	1	1					
8	3	172A23-71450	HEAD	1	1	1					
9	3	172A23-71460	BEARING, SLEEVE	1	1	1					
10	2	172A23-71470	PISTON ASSY	1	1	1					
11	3	172A23-71480	PISTON	1	1	1					
12	3	172A79-72870	SCREW,M8	1	1	1					
13	3	24190-070002	BALL, STEEL 7/32	1	1	1					
14	2	172A23-71490	ELBOW, G1/4	1	1	1					
15	2	172A23-71500	SEAL KIT	1	1	1					
16	3	172A23-71510	SEAL KIT, HEAD	1	1	1					
17	3	172B04-72690	SEAL SET,PISTON 70	1	1	1					
18	2	172B04-72770	SEAL,DUST 40	4	4	4					
19	2	24761-050000	NIPPLE, GREASE C	1	1	1					
20	1	172456-72790-2	COVER, SWING		1	1					
21	2	172164-62431	SHEET		1	1					
23	1	22217-100000	WASHER, SPRING 10		1	1					
24	1	26116-100162	BOLT, M10X 16 PLATED		1	1					
25	1	933147-03400	WASHER, BRAKE ARM		1	1					
26	1	933168-14170	SPRING		2	2					

Remarks
* A : There is parts No. & serial No.(172A23-71400, YSXXX).

Fig.74. BLADE CYLINDER

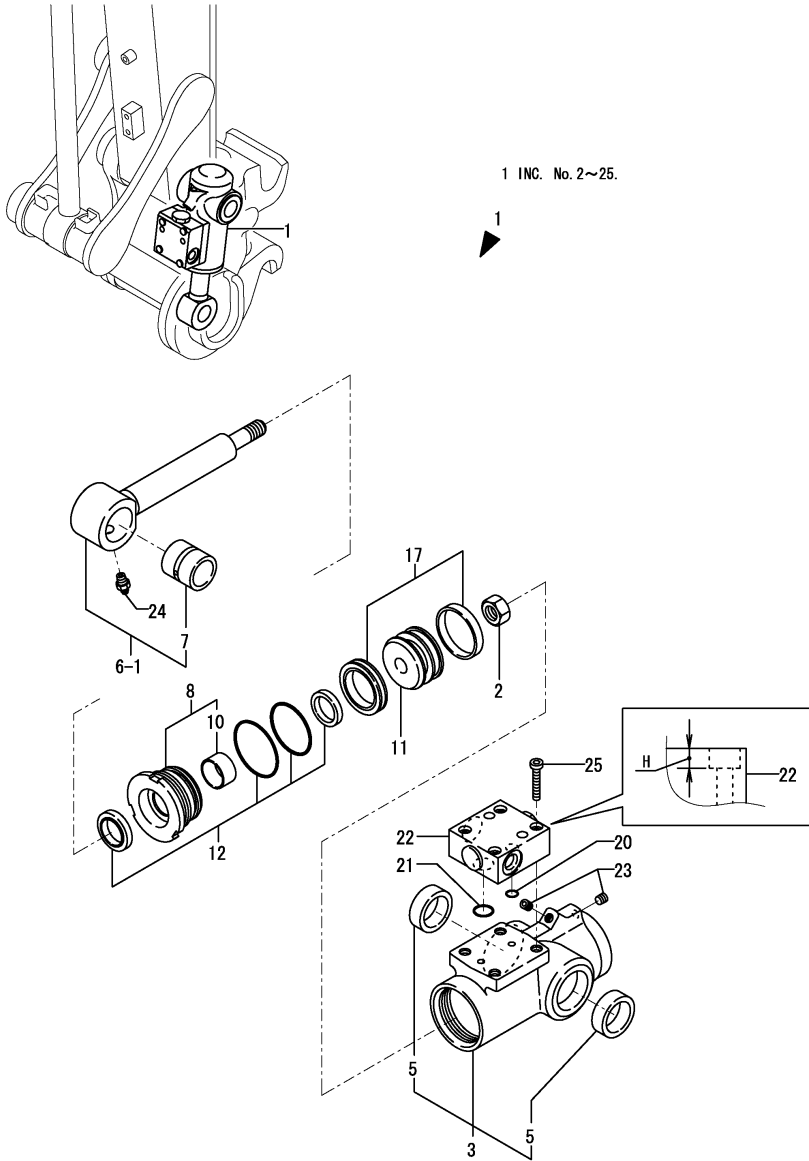
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172421-72700	CYLINDER ASSY, BLADE	1	1	1					
1-1	1	172421-72700-2	CYLINDER ASSY, BLADE	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#33092)											
2	2	172168-72020	SEAL SET, HEAD 70X40	1	1	1					
7	2	172460-72070	SEAL SET, PISTON	1	1	1					
10	2	172143-72400	HEAD 70 40	1	1	1					
12	3	24550-040300	BUSH, 40X30	1	1	1					
13	2	172141-72420	WASHER 70, LOCK	1	1	1					
14	2	172175-72550	NUT	1	1	1					
15-1	2	172421-72610	TUBE ASSY, BLADE	1	1	1					
15-2	2	172421-72610-2	TUBE ASSY, BLADE	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
16	3	172168-72240	BUSH 38X50X40	1	1	1					
17	3	172168-81270	SEAL, DUST	2	2	2					
18-1	2	172421-72620	ROD ASSY, BLADE	1	1	1					
19	4	23871-005000	PLUG, R005	1	1	1					
20	3	172168-72240	BUSH 38X50X40	1	1	1					
21	3	172168-81270	SEAL, DUST	2	2	2					
22	2	172421-72770	PISTON 70 30	1	1	1					
23	2	933111-26600	RING 55, SPRING	1	1	1					
24	1	172422-72790	COVER, BLADE	1	1	1					
24-1	1	172422-72790-2	COVER, BLADE	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
24-2	1	172422-72791-5	COVER, BLADE	1	1	1					N
(A=M/#35241) (B=M/#35241) (C=M/#35241)											
24-3	1	172A23-72800	COVER ASSY, BLADE	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
25	1	26013-100202	BOLT, M10X 20	2	2	2					

Fig.75. HITCH CYLINDER



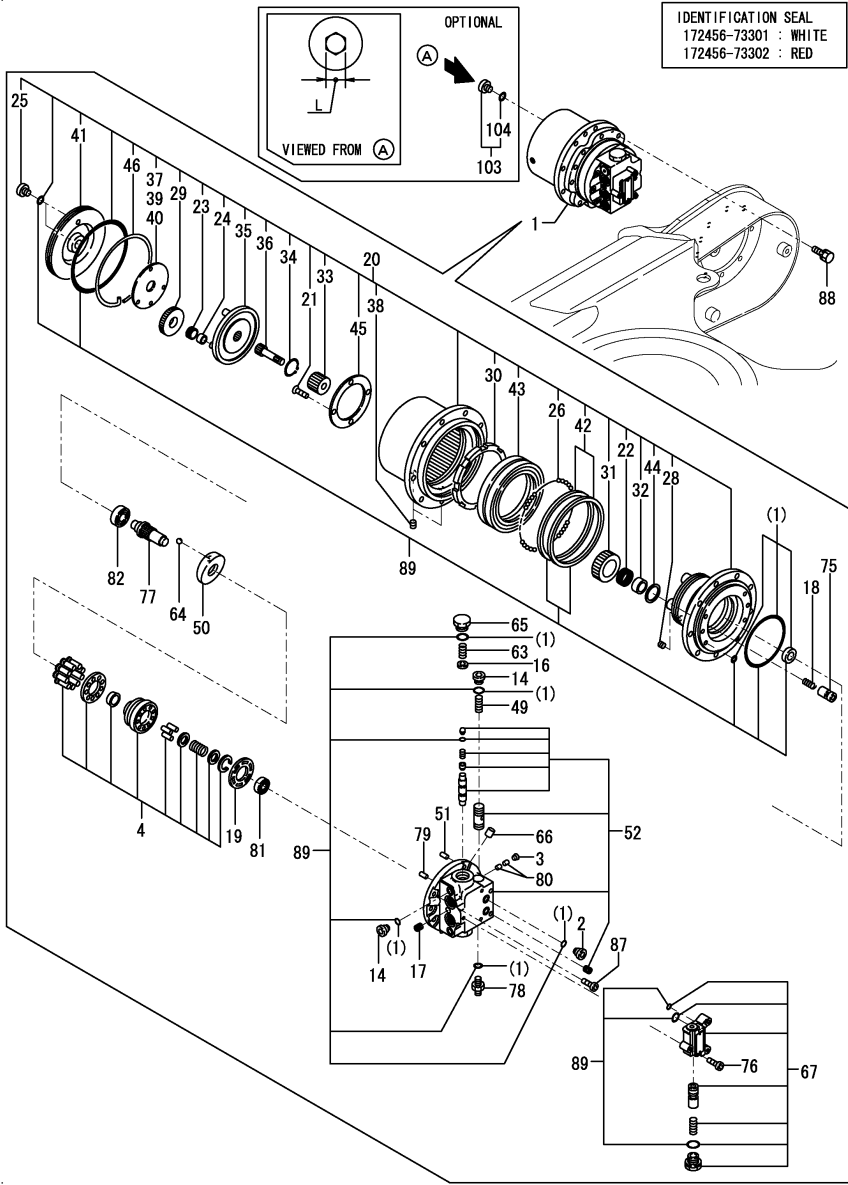
Remarks
(1)H=Ref.No.22 : 4mm,No.22-1 : 8mm.
Interchangeable by simultaneous
replacement with Ref.No.25-1.

							OCK10-M39703 Fig.75					
							(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172956-72800	CYLINDER ASSY, HITCH	1	1	1						
1-1	1	172956-72800-N	CYLINDER ASSY, HITCH	1	1	1					S	
		(A=M38501)	(B=M38501)	(C=M38501)								
2	2	172156-72400	NUT	1	1	1						
3	2	172956-72810	TUBE, HITCH	1	1	1						
3-1	2	172956-72810-N	TUBE, HITCH	1	1	1					S	
		(A=M38501)	(B=M38501)	(C=M38501)								
5	3	172956-72880	BUSH (25-33-14.5	2	2	2						
6-1	2	172956-72920	ROD ASSY,HITCH	1	1	1						
7	3	172156-84440	BUSH 25X 35	1	1	1						
8	2	172956-72860	HEAD ASSY 45 25	1	1	1						
10	3	24550-025150	BUSH, 25X15	1	1	1						
11	2	172956-72890	PISTON 45 25	1	1	1						
12	2	172956-72900	SEAL SET, HEAD 45 25	1	1	1						
17	2	172956-72910	SEAL SET, PISTON	1	1	1						
20	2	172958-72950	O-RING	1	1	1						
21	2	172958-72960	O-RING	1	1	1						
22	2	172958-72982	VALVE, CHECK	1	1	1						
22-1	2	172958-72983-1	VALVE ASSY,OPERATE	1	1	1					F 1	
		(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)								
22-2	2	172958-72983-N	VALVE ASSY,OPERATE	1	1	1					S	
		(A=M38501)	(B=M38501)	(C=M38501)								
23	2	23871-005000	PLUG, R005	2	2	2						
24	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1						
25	2	26450-060352	BOLT, M6X 35	4	4	4						
25-1	2	26450-060302	BOLT, M6X 30	1	1	1					S	
		(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)								

Fig.76. TRAVEL MOTOR

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

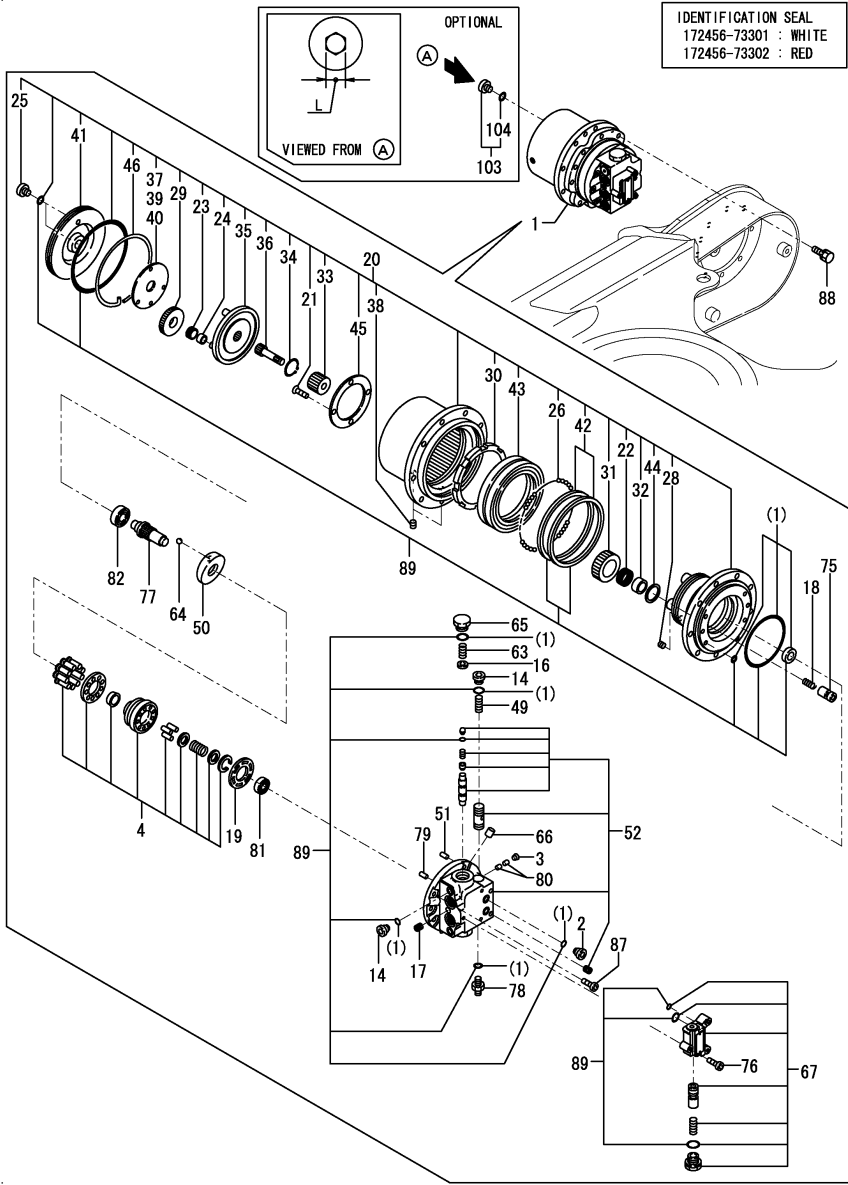
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-73300	MOTOR ASSY, TRAVEL	2	2	2					
1-1	1	172456-73301	MOTOR ASSY, TRAVEL	2	2	2				N	1
(A=M/#31553) (B=M/#31553) (C=M/#31553)											
1-2	1	172456-73302	MOTOR ASSY, TRAVEL	2	2	2				N	2
(A=M33831) (B=M33831) (C=M33831)											
2	2	1A6240-37360	PLUG	4	4	4					
3	2	172147-70220	PLUG	4	4	4					
4	2	172450-73620	BLOCK KIT, CYLINDER	2	2	2					
14	2	172148-70301	PLUG	6	6	6				Z	1
(A=M33830) (B=M33830) (C=M33830)											
14-1	2	172A23-73530	PLUG	6	6	6				W	2
(A=M33831) (B=M33831) (C=M33831)											
16	2	172141-70450	SEAT, SPRING	4	4	4					
17	2	172162-70780	PLUG	2	2	2					
18	2	172168-71950	SPRING	4	4	4					1
18-1	2	172168-71951	SPRING	4	4	4				S	2
(A=M33831) (B=M33831) (C=M33831)											
19	2	172638-73330	PLATE, VALVE	2	2	2					
20	2	172456-73340	GEAR, REDUCTION	2	2	2				Z	1
(A=M33830) (B=M33830) (C=M33830)											
20-1	2	172A23-73510	GEAR, REDUCTION	2	2	2				W	2
(A=M33831) (B=M33831) (C=M33831)											
21	3	172141-70110	SCREW	8	8	8					
22	3	172147-70120	GAUGE ASSY	8	8	8					
23	3	172141-70150	GAUGE, W/ROLLER	6	6	6					
24	3	172141-70160	RACE, INNER	6	6	6					
25	3	172148-70301	PLUG	4	4	4					
26	3	172122-70350	BALL, STEEL	218	218	218					
28	3	172450-73330	PLUG	4	4	4					
29	3	172421-73350	GEAR, PLANETARY	6	6	6					
30	3	172456-73350	NUT, RING	2	2	2					
30-1	3	172456-73351	NUT, RING	2	2	2				N	
(A=M35238) (B=M35238) (C=M35238)											
31	3	172456-73360	GEAR, PLANETARY	8	8	8					
32	3	172456-73370	INNER RACE	8	8	8					
33	3	172456-73380	GEAR, SUN	2	2	2					
33-1	3	172456-73980	GEAR, SUN	2	2	2				R	
(A=M35238) (B=M35238) (C=M35238)											
34	3	172456-73390	SNAP RING	2	2	2					
35	3	172456-73400	HOLDER	2	2	2					
36	3	172456-73410	GEAR, DRIVE	2	2	2					
37	3	172456-73420	THRUST PLATE	2	2	2					
38	3	172122-73430	PLUG	4	4	4					
39	3	172456-73430	THRUST PLATE	2	2	2					
40	3	172456-73440	THRUST PLATE	2	2	2					
41	3	172456-73450	COVER	2	2	2					
42	3	172183-73510	SEAL, FLOATING	2	2	2					
43	3	172183-73520	BEARING	2	2	2					
44	3	172183-73560	WASHER, THRUST	8	8	8					
45	3	172183-73570	PLATE, THRUST	2	2	2					
46	3	172183-73660	WIRE	2	2	2					

Remarks
(1)IDENTIFICATION SEAL COLOR : WHITE
(2)IDENTIFICATION SEAL COLOR : RED
(3)OPTIONAL.
REF.NO.103 B=8MM, NO.25 B= 6MM.

Fig.76. TRAVEL MOTOR



Remarks
(1)IDENTIFICATION SEAL COLOR : WHITE
(2)IDENTIFICATION SEAL COLOR : RED
(3)OPTIONAL.
REF.NO.103 B=8MM, NO.25 B= 6MM.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

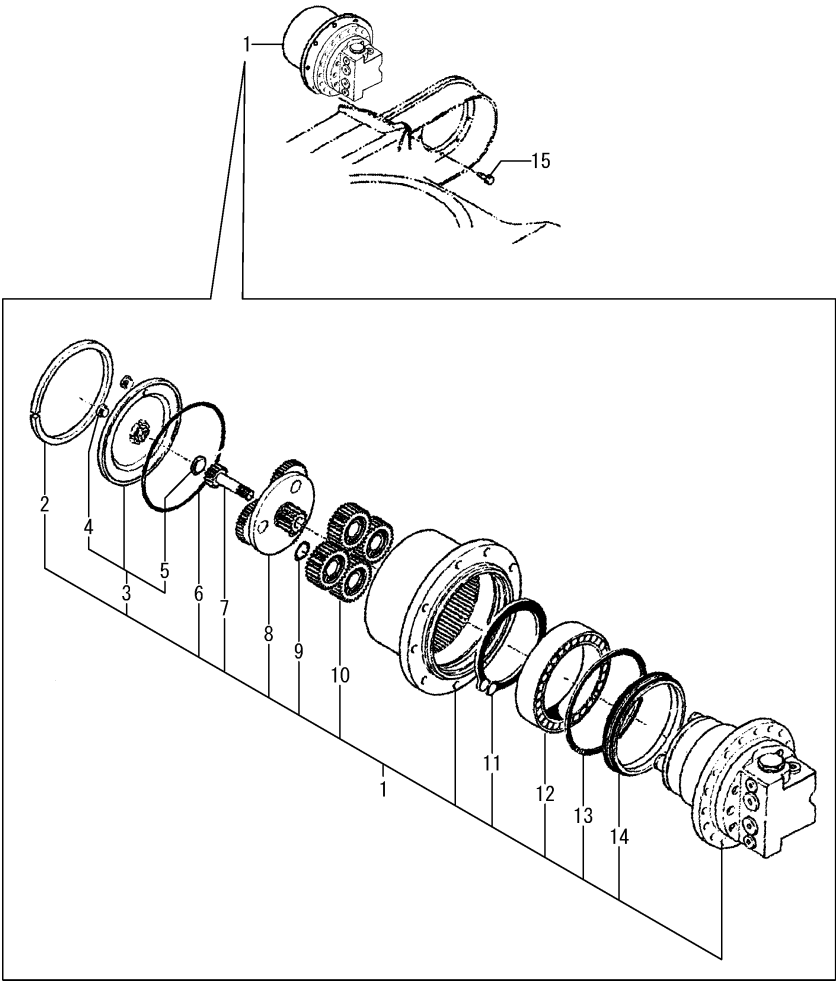
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	2	172421-73400	SPRING	2	2	2					
50	2	172456-73460	PLATE	2	2	2					
50-1	2	172456-73461	PLATE	2	2	2				N	
(A=M35238) (B=M35238) (C=M35238)											
51	2	172122-73470	PIN	2	2	2					
52	2	172456-73330	BASE PLATE ASSY	2	2	2					
52-1	2	172456-73331	BASE PLATE KIT	2	2	2				N	1
(A=M/#31553) (B=M/#31553) (C=M/#31553)											
52-2	2	172A23-73550	PLATE KIT, BASE	2	2	2				S	2
(A=M35238) (B=M35238) (C=M35238)											
63	2	172456-73500	SPRING	4	4	4					
64	2	172450-73510	BALL, STEEL	4	4	4					
65	2	172456-73510	CAP	4	4	4					
66	2	172456-73520	ORIFICE	4	4	4					
67	2	172456-73540	VALVE ASSY	2	2	2					
75	2	172450-73550	PISTON ASSY	4	4	4					1
75-1	2	172450-73551	PISTON ASSY	4	4	4				S	2
(A=M33831) (B=M33831) (C=M33831)											
76	2	172456-73570	BOLT, SOCKET HEAD	6	6	6					
77	2	172183-73670	SHAFT	2	2	2					
78	2	172183-73780	PLUG	2	2	2				Z	1
(A=M33831) (B=M33831) (C=M33831)											
78-1	2	172A23-73540	PLUG	2	2	2				W	2
(A=M33831) (B=M33831) (C=M33831)											
79	2	172122-73480	PIN	4	4	4					
80	2	172312-74790	ORIFICE	8	8	8					
81	2	24101-060024	BEARING, BALL 6002	2	2	2					
82	2	24101-060044	BEARING, BALL 6004	2	2	2					
87	2	26450-080202	BOLT, M8X 20	12	12	12					
88	1	26013-100252	BOLT, M10X 25	16	16	16					
89	1	172456-73320	SEAL SET	2	2	2					
103	1	172A77-73320	PLUG	4	4	4					3
104	2	24315-000110	O-RING, 1BP11.0	4	4	4					

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

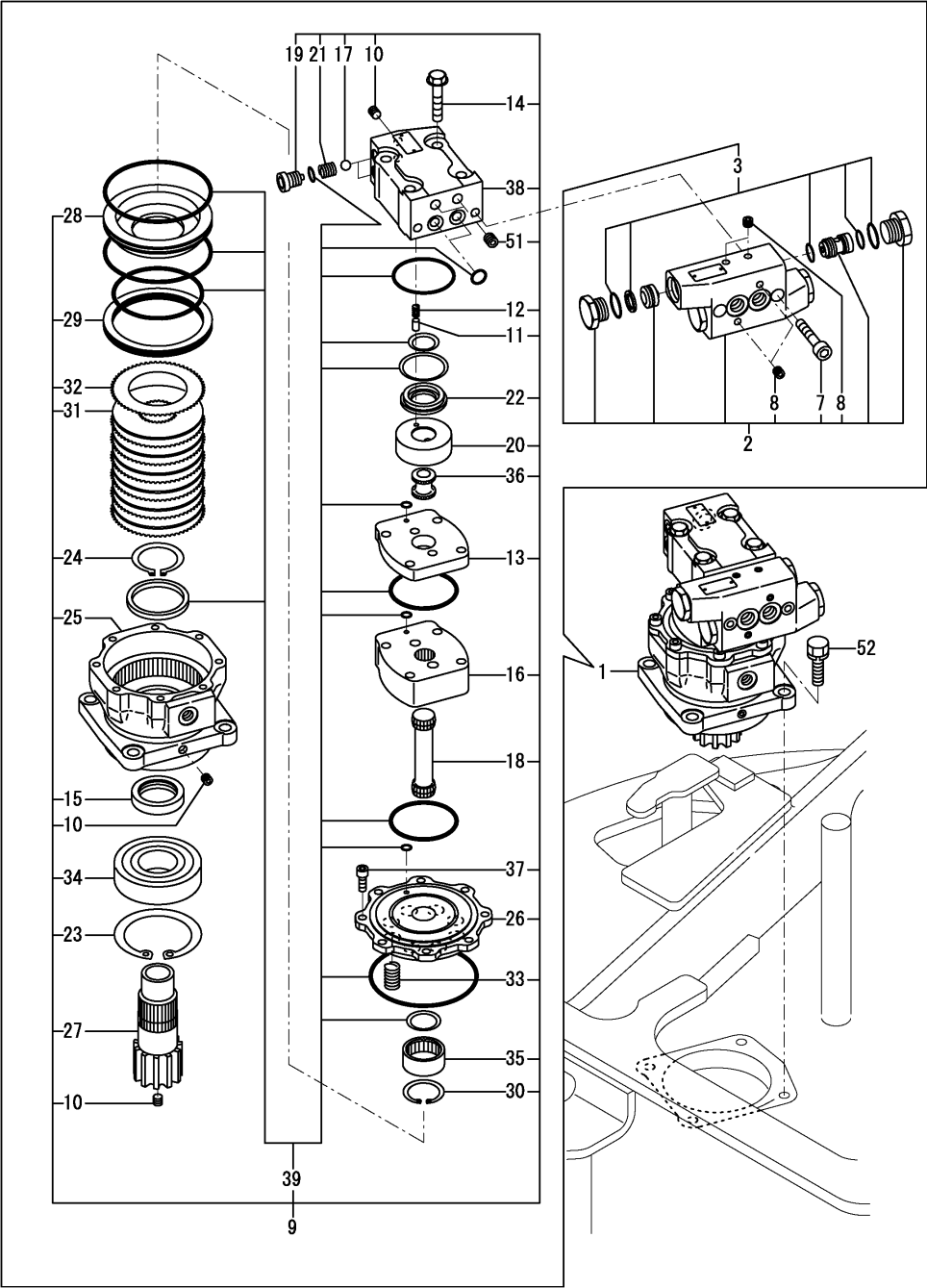
M37619~M37638
M38014~M38031



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172481-73300	MOTOR ASSY,TRAVELING	2	2						
2	2	172A23-73310	CIRCLIP, BR143	2	2						
3	2	172A23-73320	COVER KIT	2	2						
4	3	172A23-73330	PLUG, M10X1	4	4						
5	3	172A23-73340	PAD	2	2						
6	2	172A23-73350	O-RING, 2.62X139.37	2	2						
7	2	172A23-73370	GEAR, SUN	2	2						
8	2	172A23-73380	GEAR ASSY, REDUCTION	2	2						
9	2	172A23-73390	CIRCLIP, UNI7436-20	8	4						
10	2	172A23-73400	GEAR ASSY, PLANETARY	8	4						
11	2	172A23-73410	CIRCLIP, UNI7435-110	2	2						
12	2	172A23-73420	BEARING, DI 110	2	2						
13	2	172A23-73430	CIRCLIP, UNI7437-140	2	2						
14	2	172A23-73440	SEAL, DI 124	2	2						
15	1	26013-100252	BOLT, M10X 25	16	16						

Remarks
(1)IDENTIFICATION SEAL COLOR : WHITE
(2)IDENTIFICATION SEAL COLOR : RED
(3)OPTIONAL.
REF.NO.103 B=8MM, NO.25 B= 6MM.

Fig.77. TURNING MOTOR

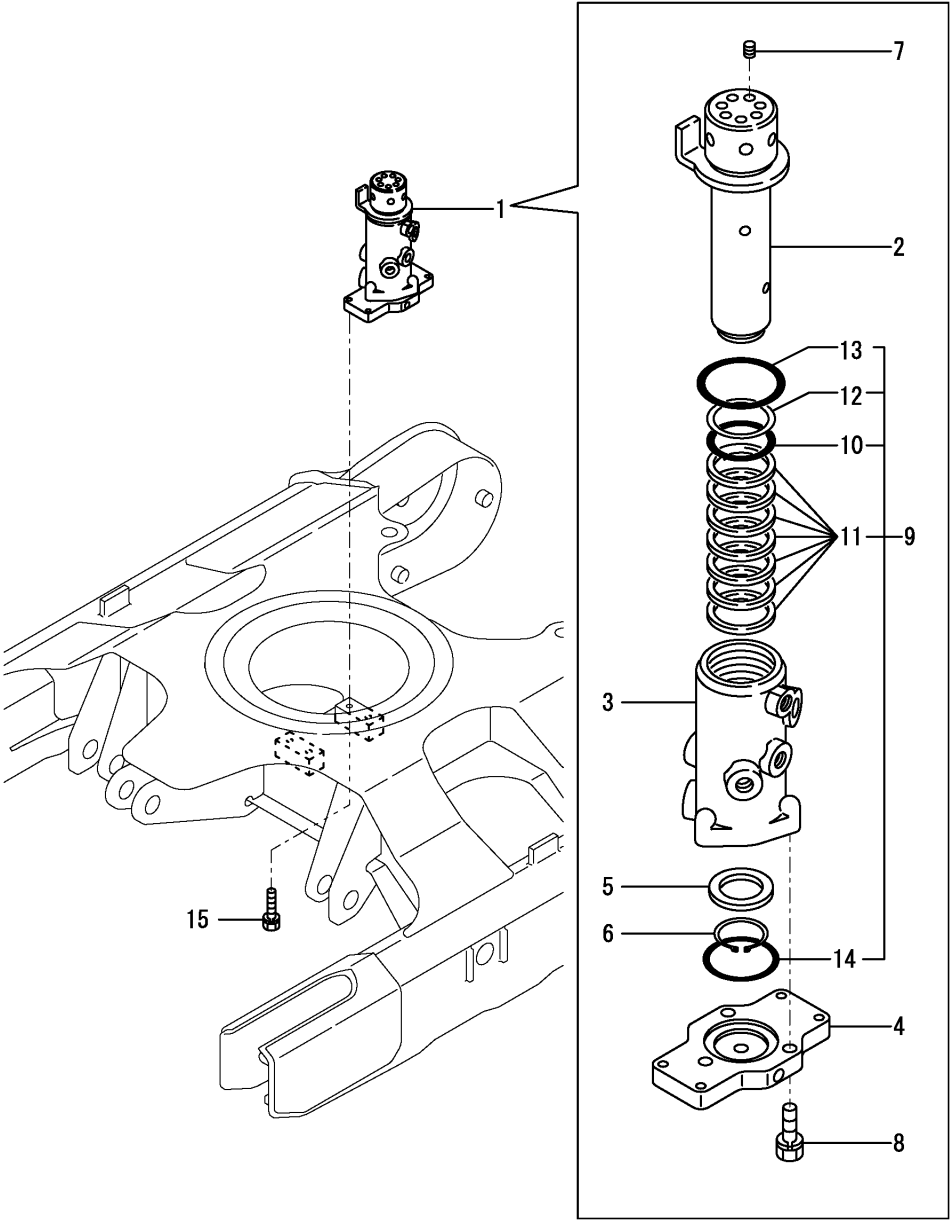


										OCK10-M39703 Fig.77	
										(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)	
										(D)= (E)= (F)=	
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
No.	Lev.	Parts No.	Description							I R	
1	1	172456-73310	MOTOR,SWING							1	1
1-1	1	172456-73311	MOTOR ASSY, SWING							1	1
(A=M3C043) (B=M3C043) (C=M3C043)											N
2	2	172456-77100	VALVE							1	1
2-1	2	172456-77101	VALVE ASSY,SHOCKLESS							1	1
(A=M3C043) (B=M3C043) (C=M3C043)											N
3	3	172456-77110	SEAL SET, VALVE							1	1
7	3	172456-77130	BOLT 6*65							2	2
8	3	23871-010000	PLUG, R01							6	6
9	2	172456-77140	MOTOR,SWING							1	1
10	3	172137-70490	PLUG							4	4
11	3	172137-70570	PIN							2	2
12	3	172137-70580	SPRING							2	2
13	3	172148-73350	PLATE, VALVE							1	1
14	3	172173-73510	BOLT 12X40							4	4
15	3	172173-73520	COLLAR							1	1
16	3	172173-73570	GEROLLER							1	1
17	3	172168-73580	BALL							2	2
18	3	172173-73580	DRIVE							1	1
19	3	172168-73590	PLUG							2	2
20	3	172173-73590	HOLDER							1	1
21	3	172168-73600	SPRING							2	2
22	3	172173-73600	RING, BALANCING							1	1
23	3	172173-73690	SNAP RING							1	1
24	3	172173-73700	CIRCLIP							1	1
25	3	172456-77150	HOUSING, BEARING							1	1
26	3	172456-77160	FLANGE, MOUTING							1	1
27	3	172456-77170	GEAR, PINION							1	1
28	3	172456-77180	PISTON, HYDRAULIC							1	1
29	3	172456-77190	RING							1	1
30	3	172456-77200	CIRCLIP							1	1
31	3	172456-77210	PLATE,FRICTION							6	6
32	3	172456-77220	PLATE							7	7
33	3	172456-77230	SPRING							8	8
34	3	172456-77240	FRONT BEARING							1	1
35	3	172456-77250	NEEDLE BEARING							1	1
36	3	172141-77260	DRIVE, VALVE							1	1
37	3	172456-77270	BOLT 6*65							8	8
38	3	172456-77280	HOUSING, VALVE							1	1
39	3	172456-77290	SEAL SET							1	1
51	3	172141-77400	PLUG, BLIND							2	2
52	1	26013-120402	BOLT, SPRING M12X 40							4	4

Fig.78. SWIVEL JOINT(Y SPEC.)(TO M39318)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

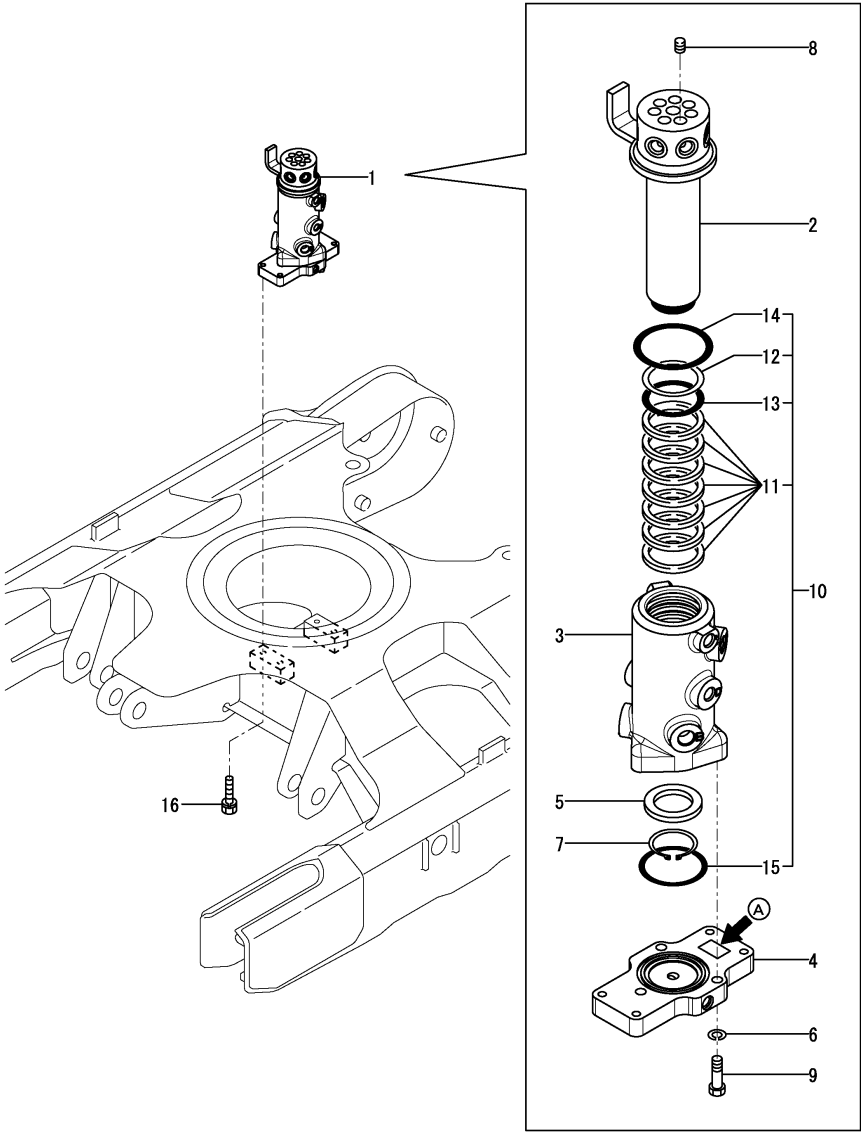
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73802	JOINT ASSY, SWIVEL	1	1	1					
1-1	1	172444-73803	JOINT ASSY, SWIVEL	1	1	1					R
(A=M/#32916) (B=M/#32916) (C=M/#32916)											
1-2	1	172444-73803	JOINT ASSY, SWIVEL	1	1	1					Z 1
(A=M39319) (B=M39319) (C=M39319)											
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1	1					
3	2	172444-73831	HUB, SWIVEL	1	1	1					
4	2	172444-73840	FLANGE, SWIVEL	1	1	1					
5	2	172137-73860	SPACER, SWIVEL	1	1	1					
6	2	22242-000451	RING, 45	1	1	1					
7	2	23871-020000	PLUG, R02	7	7	7					
8	2	26013-100352	BOLT, M10X 35	3	3	3					
9	2	172444-73880	SEAL SET, SWIVEL	1	1	1					
10	3	172142-73800	O-RING	1	1	1					
11	3	172458-73820	SEAL, SWIVEL	7	7	7					
11-1	2	172447-73840	SEAL	7	7	7					R
(A=M/#32916) (B=M/#32916) (C=M/#32916)											
12	3	172148-73870	RING, BUCK UP	1	1	1					
13	3	24311-000750	O-RING, 1AP75.0	1	1	1					
14	3	24321-000700	O-RING, 1AG70.0	1	1	1					
15	1	26013-100402	BOLT, M10X 40	4	4	4					

Remarks
(1)Compatibility by assembly exchange
with parts of Fig.132(78A) Ref.No.1.

Fig.132. (78A)SWIVEL JOINT(N SPEC.)(FROM M39319)

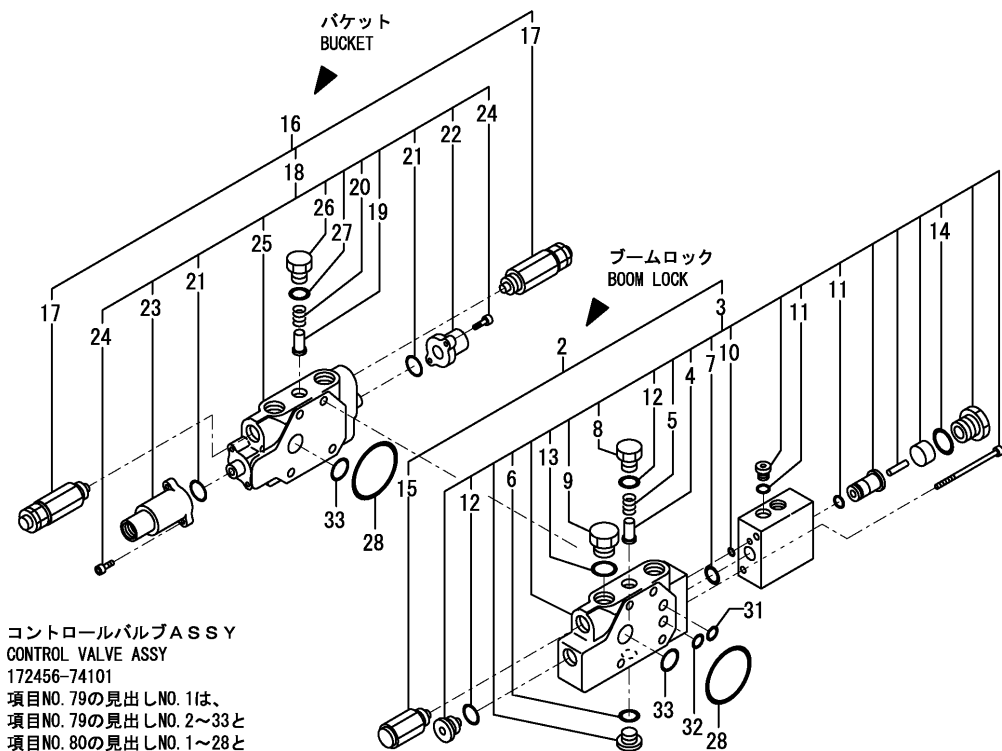


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-73800 (A=M39319) (B=M39319) (C=M39319)	JOINT ASSY, SWIVEL	1	1	1				W	1
2	2	172B02-73810	SHAFT ASSY, SWIVEL	1	1	1					
3	2	172B02-73840	HUB, SWIVEL	1	1	1					
4	2	172B02-73850	FLANGE, SWIVEL	1	1	1					
5	2	172B02-73860	SPACER, SWIVEL	1	1	1					
6	2	22217-100000	WASHER, SPRING 10	3	3	3					
7	2	22242-000451	RING, 45	1	1	1					
8	2	23871-020000	PLUG, R02	7	7	7					
9	2	26076-100352	BOLT, 10.910X 35	3	3	3					
10	2	172B02-73900	SEAL KIT, SWIVEL	1	1	1					
10-1	2	172B02-73910 (A=M3A603) (B=M3A603) (C=M3A603)	SEAL KIT, SWIVEL	1	1	1				N	
11	3	172B02-73870	SEAL, SWIVEL	7	7	7					
11-1	3	172B02-73890	SEAL, SWIVEL	7	7	7				N	
12	3	172B02-73880 (A=M3A603) (B=M3A603) (C=M3A603)	RING, BACKUP T3 55	1	1	1					
13	3	24315-000560	O-RING, 1BP56.0	1	1	1					
14	3	24315-000750	O-RING, 1BP75.0	1	1	1					
15	3	24325-000700	O-RING, 1BG70.0	1	1	1					
16	1	26013-100402	BOLT, M10X 40	4	4	4					

Remarks
(1)A:NACHI LABEL



コントロールバルブアッシー
CONTROL VALVE ASSY
172456-74101

項目NO. 79の見出しNO. 1は、
項目NO. 79の見出しNO. 2～33と
項目NO. 80の見出しNO. 1～28と
項目NO. 81の見出しNO. 1～25と
項目NO. 82の見出しNO. 1～30と
項目NO. 83の見出しNO. 1～34と
項目NO. 84の見出しNO. 1～25を含みます。

Fig. 79 Ref. No. 1

INC. Fig. 79 Ref. No. 2～33.

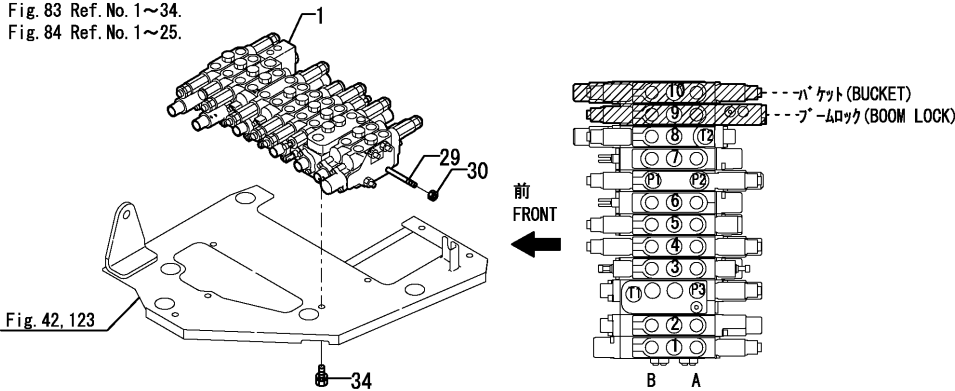
Fig. 80 Ref. No. 1～28.

Fig. 81 Ref. No. 1～25.

Fig. 82 Ref. No. 1～30.

Fig. 83 Ref. No. 1～34.

Fig. 84 Ref. No. 1～25.



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

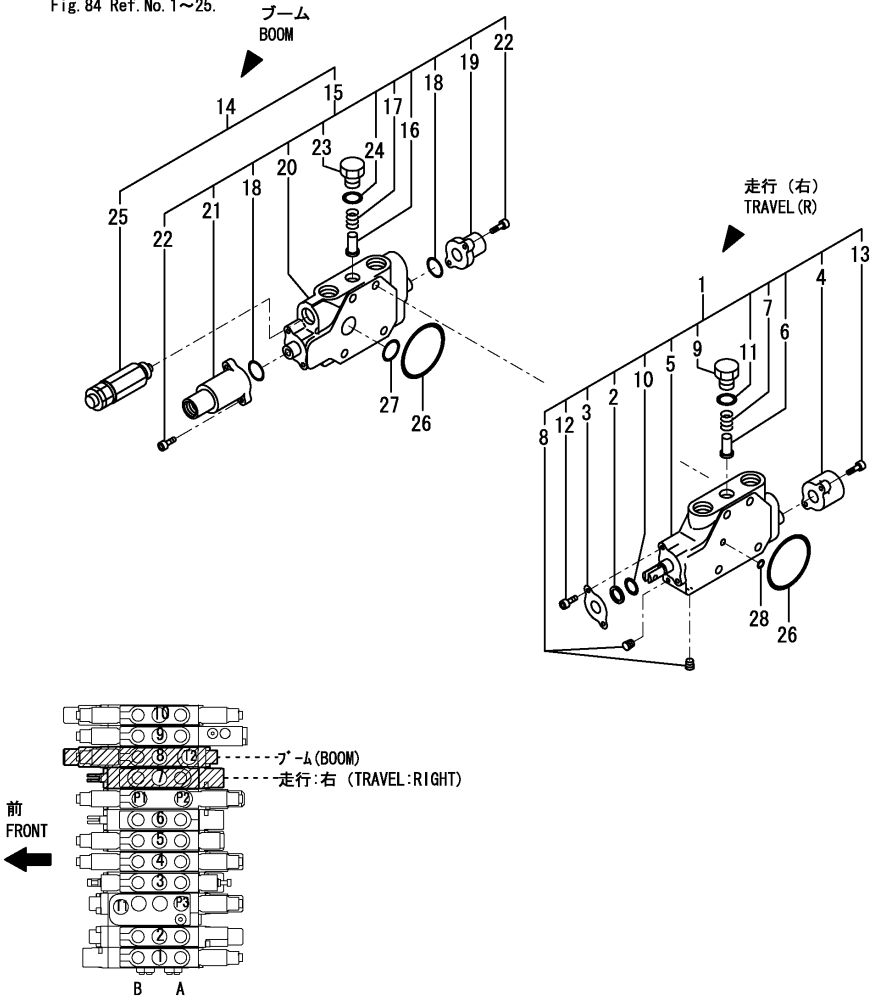
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-74101	VALVE ASSY, CONTROL	1	1	1					
1-1	1	172456-74102	VALVE ASSY, CONTROL	1	1	1				N	
(A=M/#30865) (B=M/#30865) (C=M/#30865)											
2	2	172456-74430	SECTION, BOOM LOCK	1	1	1					
3	3	172456-74260	BOOM LOCK ASSY	1	1	1					
4	4	172458-74290	VALVE, REVERSE	1	1	1					
5	4	172458-74360	SPRING, VALVE	1	1	1					
6	4	172456-74410	O-RING, 1B S 16.0	1	1	1					
7	4	172456-74420	O-RING, AS 1B17.0	1	1	1					
8	4	172458-74640	STAY, VALVE	1	1	1					
9	4	172458-74650	STAY, VALVE	1	1	1					
10	4	24311-000060	O-RING, 1AP6.0	1	1	1					
11	4	24315-000080	O-RING, 1BP8.0	2	2	2					
12	4	24315-000110	O-RING, 1BP11.0	2	2	2					
13	4	24315-000140	O-RING, 1BP14.0	1	1	1					
14	4	24315-000180	O-RING, 1BP18.0	1	1	1					
15	3	172456-74440	VALVE, RELIEF	1	1	1					
16	2	172456-74390	SECTION, BUCKET	1	1	1					
17	3	172456-74280	VALVE ASSY, RELIEF 2	2	2	2					
18	3	172458-74610	SECTION ASSY, BUCKET	1	1	1					
19	4	172458-74150	VALVE, REVERSE	1	1	1					
20	4	172458-74160	SPRING, VALVE	1	1	1					
21	4	172458-74230	O-RING	2	2	2					
22	4	172458-74240	COVER, PILOT	1	1	1					
23	4	172458-74250	COVER, PILOT	1	1	1					
24	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
25	4	172458-74620	SPOOL ASSY, BUCKET	1	1	1					
26	4	172458-74630	STAY, VALVE	1	1	1					
27	4	24315-000110	O-RING, 1BP11.0	1	1	1					
28	2	172458-74720	O-RING	2	2	2					
29	2	172458-74730	BOLT L380	4	4	4					
30	2	26716-080002	NUT, M8	4	4	4					
31	2	24315-000090	O-RING, 1BP9.0	1	1	1					
32	2	24315-000100	O-RING, 1BP10.0	1	1	1					
33	2	24311-000180	O-RING, 1AP18.0	2	2	2					
34	1	26013-100162	BOLT, M10X 16	3	3	3					

Fig.80. CONTROL VALVE(2/6)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

コントロールバルブ ASSY
CONTROL VALVE ASSY
172456-74101
項目NO. 79の見出しNO. 1は、
項目NO. 79の見出しNO. 2～33と
項目NO. 80の見出しNO. 1～28と
項目NO. 81の見出しNO. 1～25と
項目NO. 82の見出しNO. 1～30と
項目NO. 83の見出しNO. 1～34と
項目NO. 84の見出しNO. 1～25を含みます。
Fig. 79 Ref. No. 1
INC. Fig. 79 Ref. No. 2～33.
Fig. 80 Ref. No. 1～28.
Fig. 81 Ref. No. 1～25.
Fig. 82 Ref. No. 1～30.
Fig. 83 Ref. No. 1～34.
Fig. 84 Ref. No. 1～25.



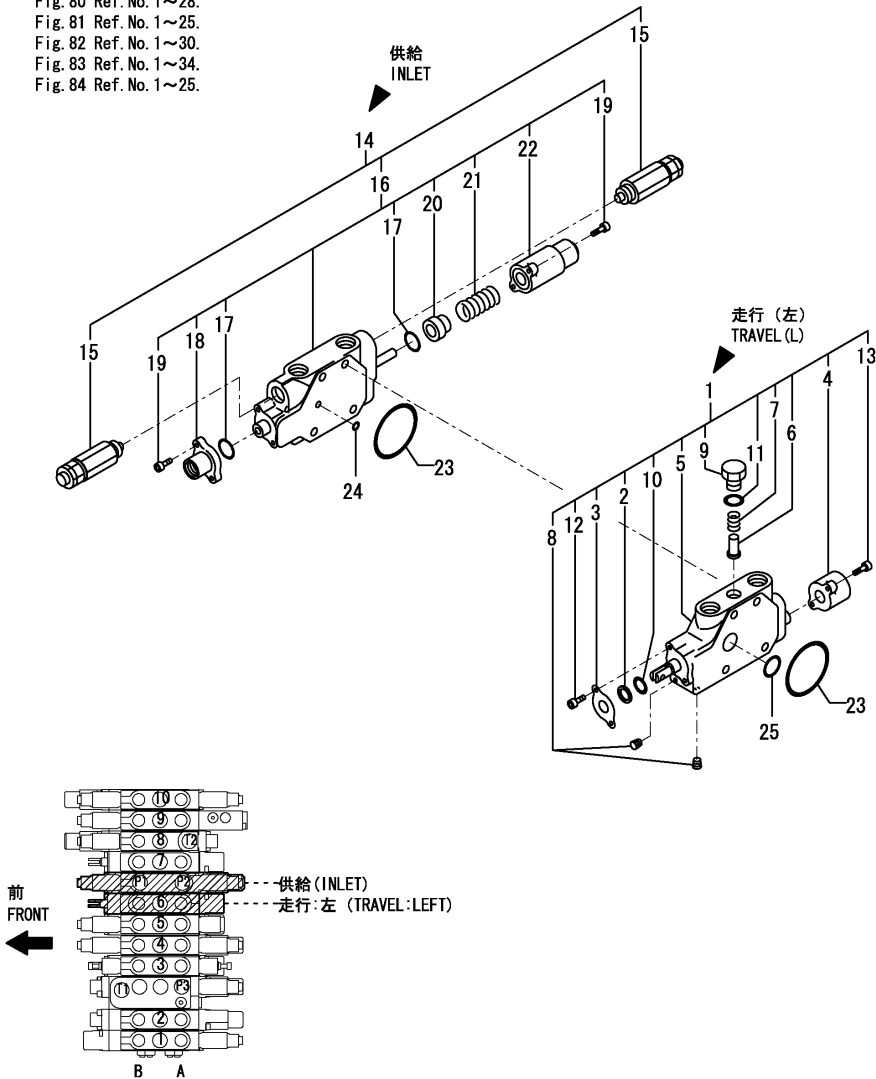
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74190	SECTION ASSY, TRAVEL	1	1	1					
2	3	172458-74130	DUST WIPER	1	1	1					
3	3	172458-74140	RETAINER, SEAL	1	1	1					
4	3	172458-74170	CAP, SPRING	1	1	1					
5	3	172456-74230	SPOOL ASSY, TRAVEL	1	1	1					
6	3	172458-74290	VALVE, REVERSE	1	1	1					
7	3	172458-74360	SPRING, VALVE	1	1	1					
8	3	172458-74460	PLUG GPM1/32	2	2	2					
9	3	172458-74640	STAY, VALVE	1	1	1					
10	3	24311-000120	O-RING, 1AP12.0	1	1	1					
11	3	24315-000110	O-RING, 1BP11.0	1	1	1					
12	3	26450-050102	BOLT, M5X 10	2	2	2					
13	3	26450-050182	BOLT, M5X 18	2	2	2					
14	2	172456-74370	SECTION, BOOM	1	1	1					
15	3	172456-74240	SECTION ASSY, BOOM	1	1	1					
16	4	172458-74150	VALVE, REVERSE	1	1	1					
17	4	172458-74160	SPRING, VALVE	1	1	1					
18	4	172458-74230	O-RING	2	2	2					
19	4	172458-74240	COVER, PILOT	1	1	1					
20	4	172456-74250	SPOOL ASSY, BOOM	1	1	1					
21	4	172458-74250	COVER, PILOT	1	1	1					
22	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
23	4	172458-74630	STAY, VALVE	1	1	1					
24	4	24315-000110	O-RING, 1BP11.0	1	1	1					
25	3	172456-74280	VALVE ASSY, RELIEF 2	1	1	1					
26	2	172458-74720	O-RING	2	2	2					
27	2	24311-000180	O-RING, 1AP18.0	1	1	1					
28	2	24311-000060	O-RING, 1AP6.0	2	2	2					

Fig.81. CONTROL VALVE(3/6)

コントロールバルブASSY
CONTROL VALVE ASSY

172456-74101
項目NO. 79の見出しNO. 1は、
項目NO. 79の見出しNO. 2～33と
項目NO. 80の見出しNO. 1～28と
項目NO. 81の見出しNO. 1～25と
項目NO. 82の見出しNO. 1～30と
項目NO. 83の見出しNO. 1～34と
項目NO. 84の見出しNO. 1～25を含みます。

Fig. 79 Ref. No. 1
INC. Fig. 79 Ref. No. 2～33.
Fig. 80 Ref. No. 1～28.
Fig. 81 Ref. No. 1～25.
Fig. 82 Ref. No. 1～30.
Fig. 83 Ref. No. 1～34.
Fig. 84 Ref. No. 1～25.



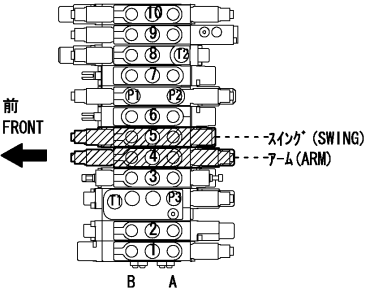
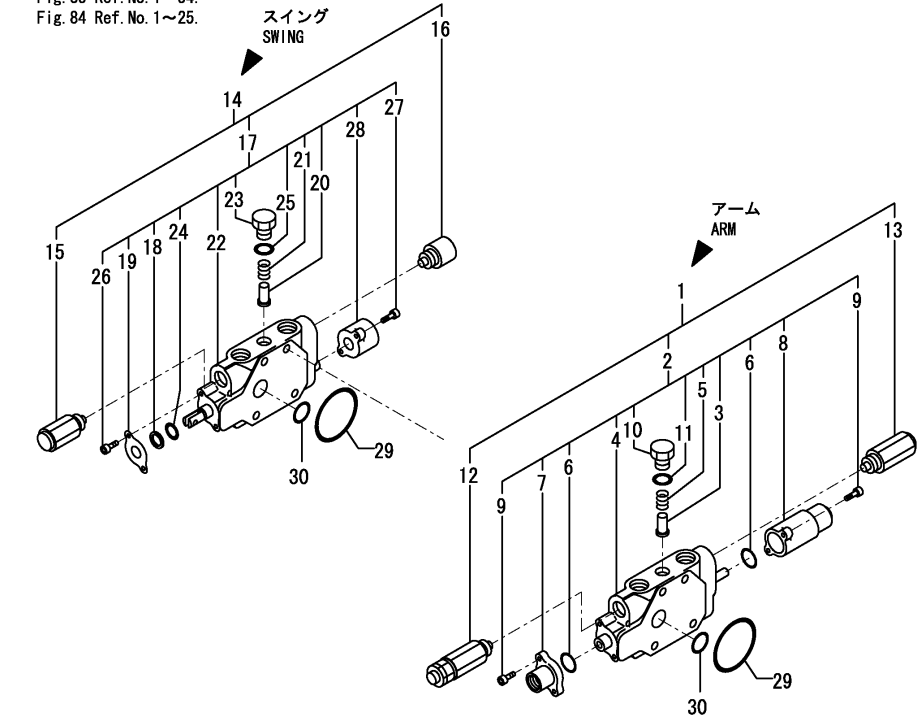
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74170	SECTION ASSY, TRAVEL	1	1	1					
2	3	172458-74130	DUST WIPER	1	1	1					
3	3	172458-74140	RETAINER, SEAL	1	1	1					
4	3	172458-74170	CAP, SPRING	1	1	1					
5	3	172456-74180	SPOOL ASSY, TRAVEL	1	1	1					
6	3	172458-74290	VALVE, REVERSE	1	1	1					
7	3	172458-74360	SPRING, VALVE	1	1	1					
8	3	172458-74460	PLUG GPM1/32	2	2	2					
9	3	172458-74640	STAY, VALVE	1	1	1					
10	3	24311-000120	O-RING, 1AP12.0	1	1	1					
11	3	24315-000110	O-RING, 1BP11.0	1	1	1					
12	3	26450-050102	BOLT, M5X 10	2	2	2					
13	3	26450-050182	BOLT, M5X 18	2	2	2					
14	2	172456-74350	VALVE, CNTROL INLLET	1	1	1					
15	3	172456-74400	VALVE, RELIEF 210/20	2	2	2					
16	3	172458-74520	SECTION ASSY	1	1	1					
17	4	172458-74230	O-RING	2	2	2					
18	4	172458-74240	COVER, PILOT	1	1	1					
19	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
20	4	172458-74530	SEAT, SPRING	1	1	1					
21	4	172458-74540	SPRING, RETURN	1	1	1					
22	4	172458-74550	COVER, PILOT	1	1	1					
23	2	172458-74720	O-RING	2	2	2					
24	2	24311-000060	O-RING, 1AP6.0	2	2	2					
25	2	24311-000180	O-RING, 1AP18.0	1	1	1					

Fig.82. CONTROL VALVE(4/6)

コントロールバルブASSY
CONTROL VALVE ASSY

172456-74101
項目NO. 79の見出しNO. 1は、
項目NO. 79の見出しNO. 2～33と
項目NO. 80の見出しNO. 1～28と
項目NO. 81の見出しNO. 1～25と
項目NO. 82の見出しNO. 1～30と
項目NO. 83の見出しNO. 1～34と
項目NO. 84の見出しNO. 1～25を含みます。

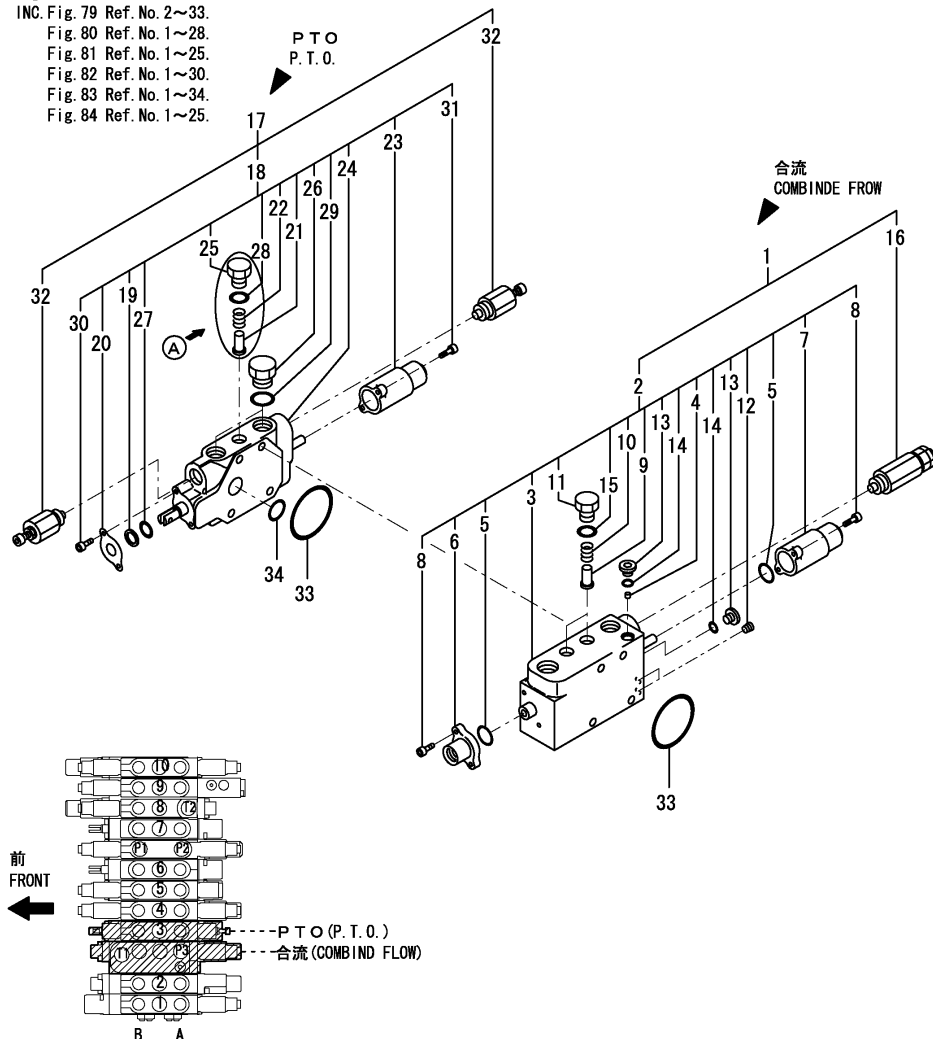
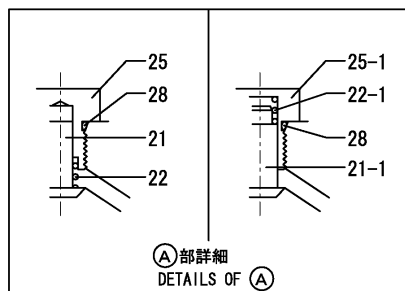
Fig. 79 Ref. No. 1
INC. Fig. 79 Ref. No. 2～33.
Fig. 80 Ref. No. 1～28.
Fig. 81 Ref. No. 1～25.
Fig. 82 Ref. No. 1～30.
Fig. 83 Ref. No. 1～34.
Fig. 84 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74320	SECTION, ARM	1	1	1					
2	3	172456-74150	SECTION ASSY, ARM	1	1	1					
3	4	172458-74150	VALVE, REVERSE	1	1	1					
4	4	172456-74160	SPOOL ASSY, ARM	1	1	1					
5	4	172458-74160	SPRING, VALVE	1	1	1					
6	4	172458-74230	O-RING	2	2	2					
7	4	172458-74240	COVER, PILOT	1	1	1					
8	4	172458-74250	COVER, PILOT	1	1	1					
9	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
10	4	172458-74630	STAY, VALVE	1	1	1					
11	4	24315-000110	O-RING, 1BP11.0	1	1	1					
12	3	172447-74221	PORT RELIFE VALVE	1	1	1					
13	3	172447-74230	ANTI-CAVITATION	1	1	1					
14	2	172456-74330	SECTION, SWING	1	1	1					
15	3	172447-74230	ANTI-CAVITATION	1	1	1					
16	3	172456-74290	RELIEF VALVE PLUG	1	1	1					
17	3	172458-74420	SECTION ASSY, SWING	1	1	1					
18	4	172458-74130	DUST WIPER	1	1	1					
19	4	172458-74140	RETAINER, SEAL	1	1	1					
20	4	172458-74150	VALVE, REVERSE	1	1	1					
21	4	172458-74160	SPRING, VALVE	1	1	1					
22	4	172458-74430	SPOOL ASSY, SWING	1	1	1					
23	4	172458-74630	STAY, VALVE	1	1	1					
24	4	24311-000120	O-RING, 1AP12.0	1	1	1					
25	4	24315-000110	O-RING, 1BP11.0	1	1	1					
26	4	26450-050102	BOLT, M5X 10	2	2	2					
27	4	26450-050182	BOLT, M5X 18	2	2	2					
28	4	172458-74170	CAP, SPRING	1	1	1					
29	2	172458-74720	O-RING	2	2	2					
30	2	24311-000180	O-RING, 1AP18.0	2	2	2					

Fig.83. CONTROL VALVE(5/6)

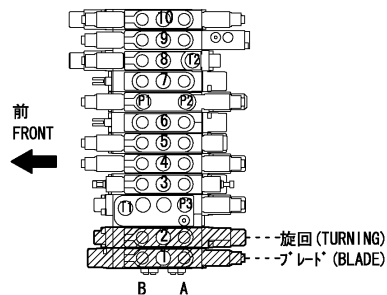
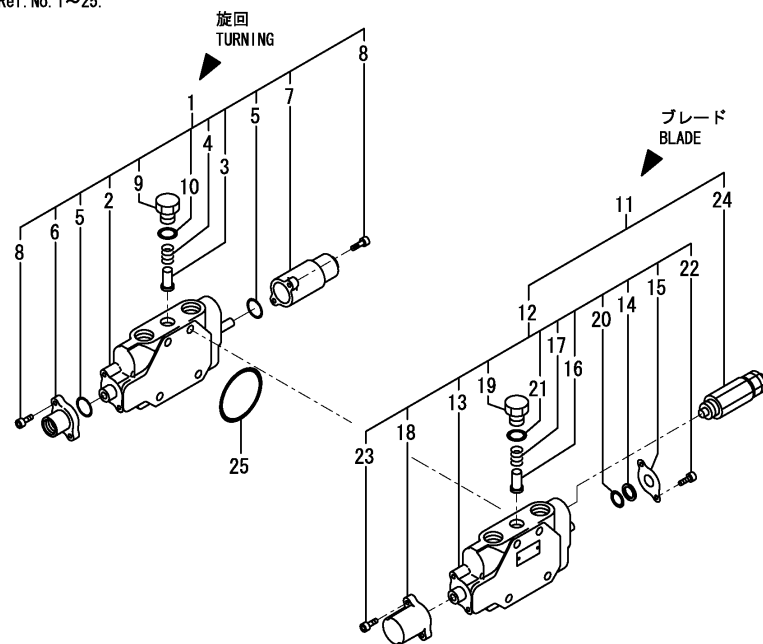
Fig. 79 Ref. No. 1
INC. Fig. 79 Ref. No. 2~33.
Fig. 80 Ref. No. 1~28.
Fig. 81 Ref. No. 1~25.
Fig. 82 Ref. No. 1~30.
Fig. 83 Ref. No. 1~34.
Fig. 84 Ref. No. 1~25.



				(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)				D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74310	SECTION, CONFLUENE	1	1	1					
2	3	172456-74130	SECTION ASSY	1	1	1					
3	4	172456-74140	SPOOL ASSY	1	1	1					
4	4	172457-74190	LIMITTER, M6 0.9	1	1	1					
5	4	172458-74230	O-RING	2	2	2					
6	4	172458-74240	COVER, PILOT	1	1	1					
7	4	172458-74250	COVER, PILOT	1	1	1					
8	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
9	4	172458-74290	VALVE, REVERSE	2	2	2					
10	4	172458-74360	SPRING, VALVE	2	2	2					
11	4	172458-74640	STAY, VALVE	2	2	2					
12	4	172458-74660	PLUG NPT1/16,SCREW	2	2	2					
13	4	172458-74670	PLUG,PF1/8	2	2	2					
14	4	24315-000080	O-RING, 1BP8.0	2	2	2					
15	4	24315-000110	O-RING, 1BP11.0	2	2	2					
16	3	172456-74270	VALVE, RELIEF 170/20	1	1	1					
17	2	172458-74780	SECTION, PTO	1	1	1					
17-1	2	172456-74460	SECTION, PTO	1	1	1					N
	(A=M/#30865)	(B=M/#30865)	(C=M/#30865)								
18	3	172458-74380	SECTION ASSY, PTO	1	1	1					
18-1	3	172456-74450	SECTION ASSY, PTO	1	1	1					N
	(A=M/#30865)	(B=M/#30865)	(C=M/#30865)								
19	4	172458-74130	DUST WIPER	1	1	1					
20	4	172458-74140	RETAINER, SEAL	1	1	1					
21	4	172458-74150	VALVE, REVERSE	1	1	1					
21-1	4	172490-74310	VALVE, REVERSE	1	1	1					S
	(A=M/#30865)	(B=M/#30865)	(C=M/#30865)								
22	4	172458-74160	SPRING, VALVE	1	1	1					
22-1	4	172490-74320	SPRING, VALVE	1	1	1					S
	(A=M/#30865)	(B=M/#30865)	(C=M/#30865)								
23	4	172458-74170	CAP, SPRING	1	1	1					
24	4	172458-74390	SPOOL ASSY, PTO	1	1	1					
25	4	172458-74630	STAY, VALVE	1	1	1					
25-1	4	172490-74330	STAY, VALVE	1	1	1					S
	(A=M/#30865)	(B=M/#30865)	(C=M/#30865)								
26	4	172458-74650	STAY, VALVE	2	2	2					
27	4	24311-000120	O-RING, 1AP12.0	1	1	1					
28	4	24315-000110	O-RING, 1BP11.0	1	1	1					
29	4	24315-000140	O-RING, 1BP14.0	2	2	2					
30	4	26450-050102	BOLT, M5X 10	2	2	2					
31	4	26450-050182	BOLT, M5X 18	2	2	2					
32	3	172458-74740	SHUT OFF VALVE	2	2	2					
33	2	172458-74720	O-RING	2	2	2					
34	2	24311-000180	O-RING, 1AP18.0	1	1	1					

Fig.84. CONTROL VALVE(6/6)

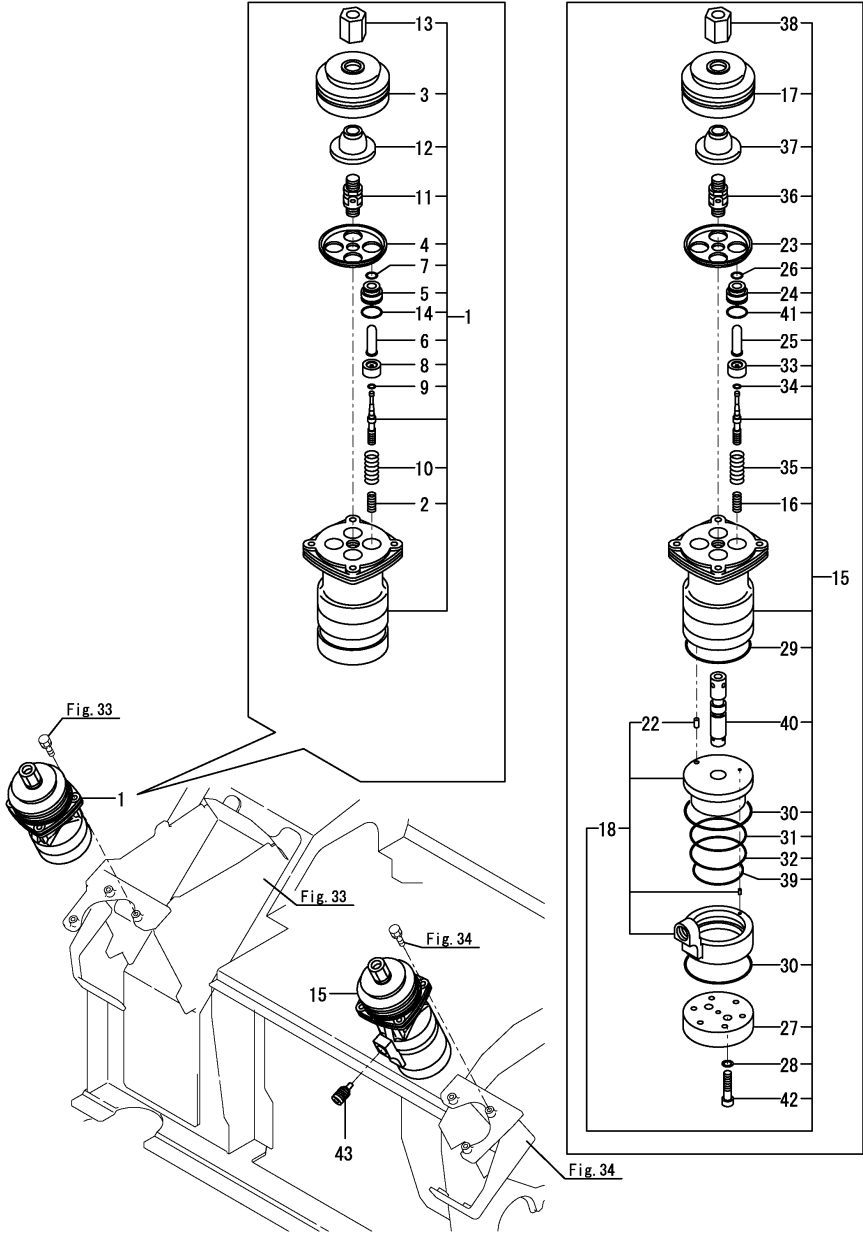
Fig. 6. Refractive index.



No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74110	SECTION ASSY	1	1	1					
2	3	172456-74120	SPOOL ASSY, SWING	1	1	1					
3	3	172458-74150	VALVE, REVERSE	1	1	1					
4	3	172458-74160	SPRING, VALVE	1	1	1					
5	3	172458-74230	O-RING	2	2	2					
6	3	172458-74240	COVER, PILOT	1	1	1					
7	3	172458-74250	COVER, PILOT	1	1	1					
8	3	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
9	3	172458-74630	STAY, VALVE	1	1	1					
10	3	24315-000110	O-RING, 1BP11.0	1	1	1					
11	2	172458-74750	SECTION, BLADE	1	1	1					
12	3	172458-74110	SECTION ASSY, BLADE	1	1	1					
13	4	172458-74120	SPOOL ASSY, BLADE	1	1	1					
14	4	172458-74130	DUST WIPER	1	1	1					
15	4	172458-74140	RETAINER, SEAL	1	1	1					
16	4	172458-74150	VALVE, REVERSE	1	1	1					
17	4	172458-74160	SPRING, VALVE	1	1	1					
18	4	172458-74170	CAP, SPRING	1	1	1					
19	4	172458-74630	STAY, VALVE	1	1	1					
20	4	24311-000120	O-RING, 1AP12.0	1	1	1					
21	4	24315-000110	O-RING, 1BP11.0	1	1	1					
22	4	26450-050102	BOLT, M5X 10	2	2	2					
23	4	26450-050182	BOLT, M5X 18	2	2	2					
24	3	172458-74700	VALVE, RELIEF	1	1	1					
25	2	172458-74720	O-RING	1	1	1					

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

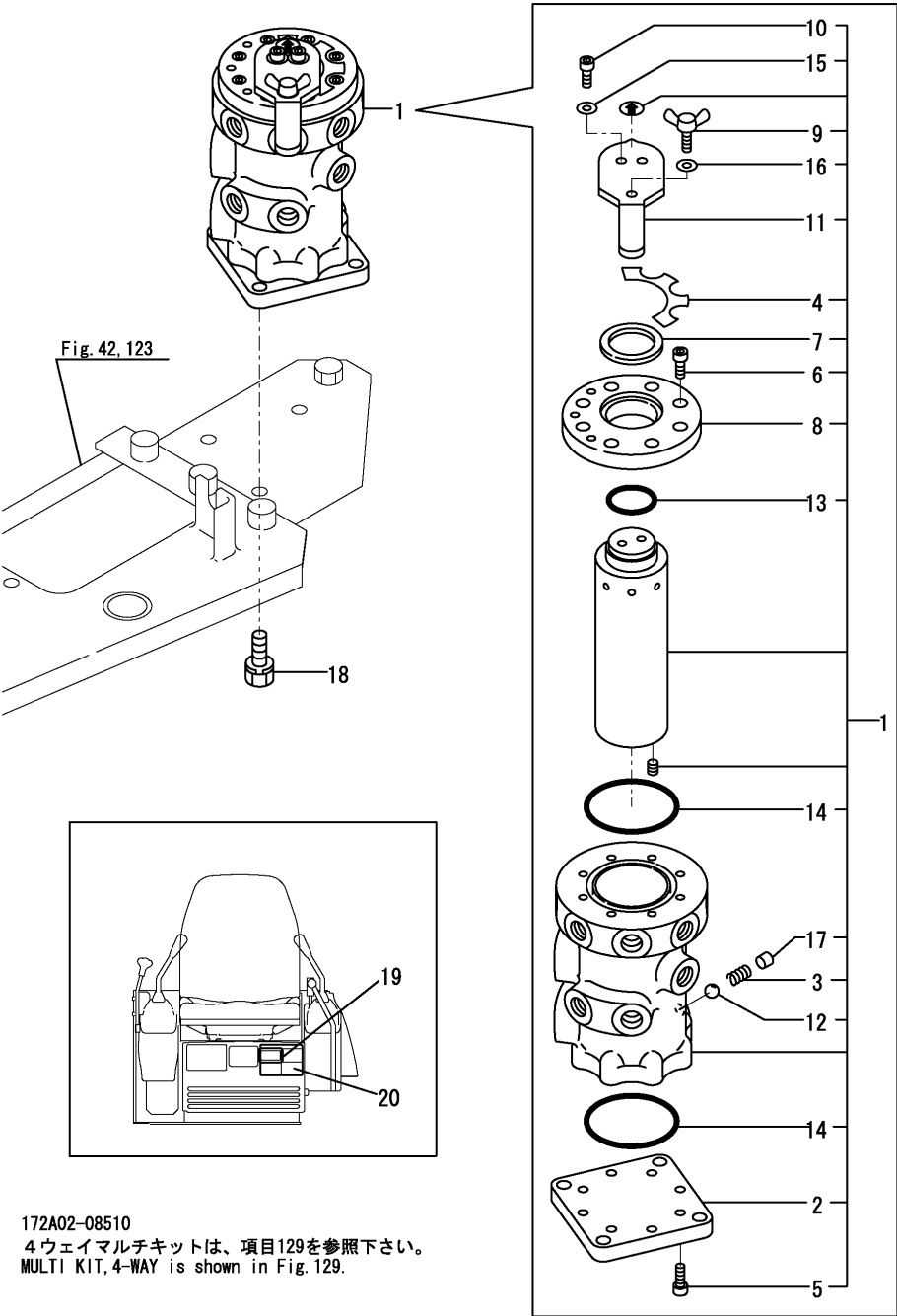
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-74701	VALVE ASSY, REMO.CON	1	1	2					
2	2	172455-74240	SPRING	4	4	8					
3	2	172455-74710	BELLOWS	1	1	2					
4	2	172448-74760	PLATE	1	1	2					
5	2	172448-74770	PLUG	4	4	8					
6	2	172448-74780	ROD Q,PUSH	4	4	8					
7	2	172448-74790	SEAL	4	4	8					
8	2	172448-74910	SEAT, SPRING	4	4	8					
9	2	172448-74920	WASHER	4	4	8					
10	2	172448-74930	SPRING	4	4	8					
11	2	172448-74950	JOINT	1	1	2					
12	2	172448-74960	PLATE, CIRCLE	1	1	2					
13	2	172448-74970	NUT, ADJUST	1	1	2					
14	2	24315-000200	O-RING, 1BP20.0	4	4	8					
15	1	172458-74500	REMO-CON.VALVE M2	1	1						1
16	2	172455-74240	SPRING	4	4						
17	2	172455-74710	BELLOWS	1	1						
18	2	172448-74720	SLEEVE, SPOOL	1	1						
22	3	22351-050010	PIN, SPRING 5.0X10	1	1						
23	2	172448-74760	PLATE	1	1						
24	2	172448-74770	PLUG	4	4						
25	2	172448-74780	ROD Q,PUSH	4	4						
26	2	172448-74790	SEAL	4	4						
27	2	172448-74810	PLATE, PORT	1	1						
28	2	172448-74820	PACKING	2	2						
29	2	172448-74830	O-RING	1	1						
30	2	172448-74860	O-RING	2	2						
31	2	172448-74870	O-RING	1	1						
32	2	172448-74880	O-RING	1	1						
33	2	172448-74910	SEAT, SPRING	4	4						
34	2	172448-74920	WASHER	4	4						
35	2	172448-74930	SPRING	4	4						
36	2	172448-74950	JOINT	1	1						
37	2	172448-74960	PLATE, CIRCLE	1	1						
38	2	172448-74970	NUT, ADJUST	1	1						
39	2	172448-74980	O-RING	1	1						
40	2	172448-74990	DISTANZBUCHSE	1	1						
41	2	24315-000200	O-RING, 1BP20.0	4	4						
42	2	26450-080652	BOLT, M8X 65	2	2						
43	1	172448-74730	PLUG	1	1						

Remarks
(1)MULTI CHANG SPEC. USES REMO.-CON.
VALVE SAME AS RIGHT LEVER.

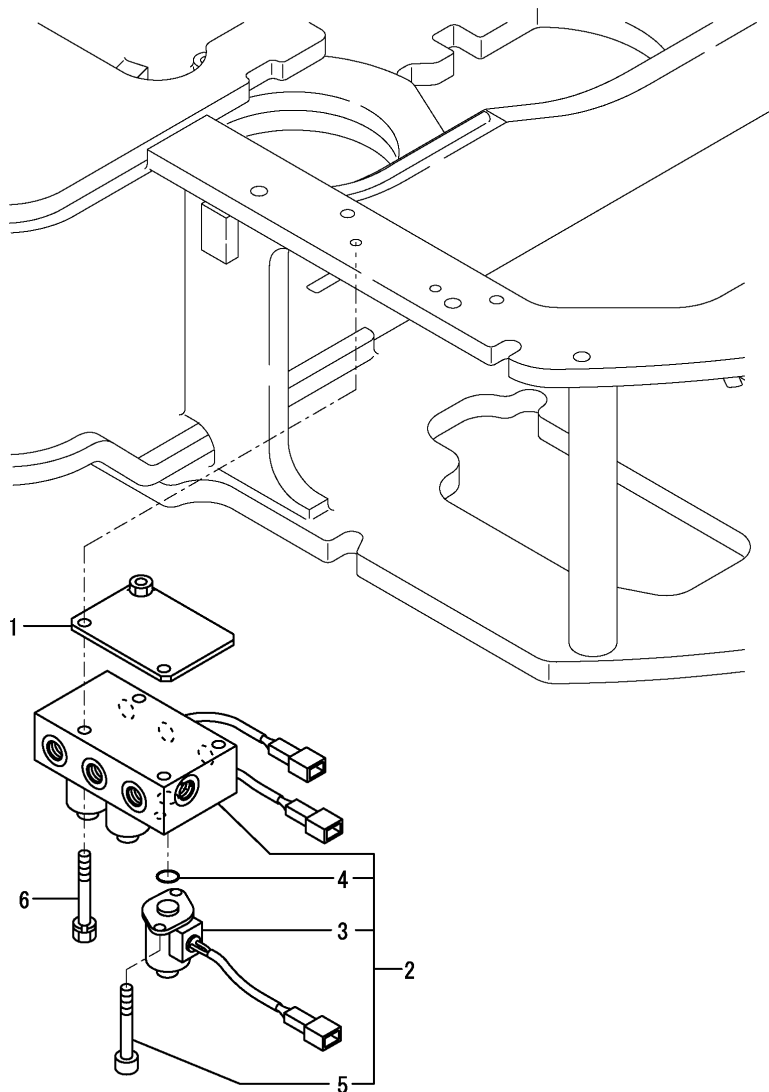
Fig.86. ROTARY VALVE(4-WAY SPEC.)



172A02-08510
4ウェイマルチキットは、項目129を参照下さい。
MULTI KIT, 4-WAY is shown in Fig. 129.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-74601	VALVE	1	1						
2	2	182900-16530	COVER	1	1						
3	2	182900-22300	SPRING	1	1						
4	2	172151-74740	PLATE, MARK	1	1						
5	2	182900-77190	BOLT	8	8						
6	2	182900-77200	BOLT	8	8						
7	2	182900-77210	DUST SEAL	1	1						
8	2	182900-77220	COVER	1	1						
9	2	182900-77230	WING BOLT	1	1						
10	2	182900-77240	BOLT	2	2						
11	2	182900-77250	LEVER	1	1						
12	2	24190-100001	BALL, STEEL 5/16	1	1						
13	2	24311-000280	O-RING, 1AP28.0	1	1						
14	2	24321-000600	O-RING, 1AG60.0	2	2						
15	2	953KM0-00220	WASHER	2	2						
16	2	953KM0-00220	WASHER	1	1						
17	2	953KM0-10894	PLUG	1	1						
18	1	26013-100202	BOLT, M10X 20	3	3						
19	1	172444-03290	MAGNET	1	1						
20	1	172151-03551	LABEL	1	1						

Fig.87. SOLENOID VALVE(CRANE SPEC.)



クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig. 130.

Remarks
(1)BLUE PAINT.
(2)RED PAINT.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172A25-71300 (B=M37001)	BRACKET ASSY,SOL		1						Z	
2	1	172187-77111	VALVE, SOLENOID		1							1
2-1	1	172187-77112 (B=MZZZZZ)	VALVE ASSY, SOLENOID		1							R 2
3	2	172649-74040	SOLENOID		3							1
3-1	2	172A46-74720 (B=MZZZZZ)	SOLENOID		3							S 2
4	2	24311-000220	O-RING, 1AP22.0		3							1
4-1	2	24311-000160 (B=MZZZZZ)	O-RING, 1AP16.0		3							S 2
5	2	26450-040102	BOLT, M4X 10		6							1
5-1	2	26450-050102 (B=MZZZZZ)	BOLT, M5X 10		6							S 2
6	1	26013-080602	BOLT, M8X 60		3							

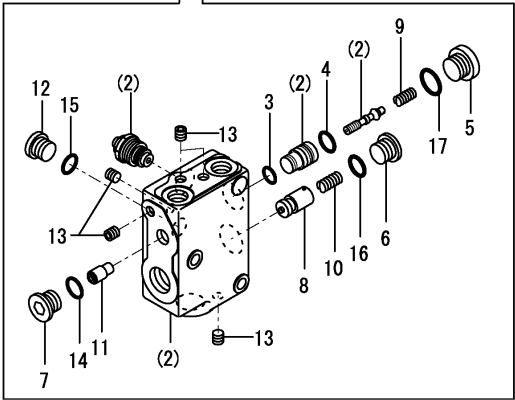
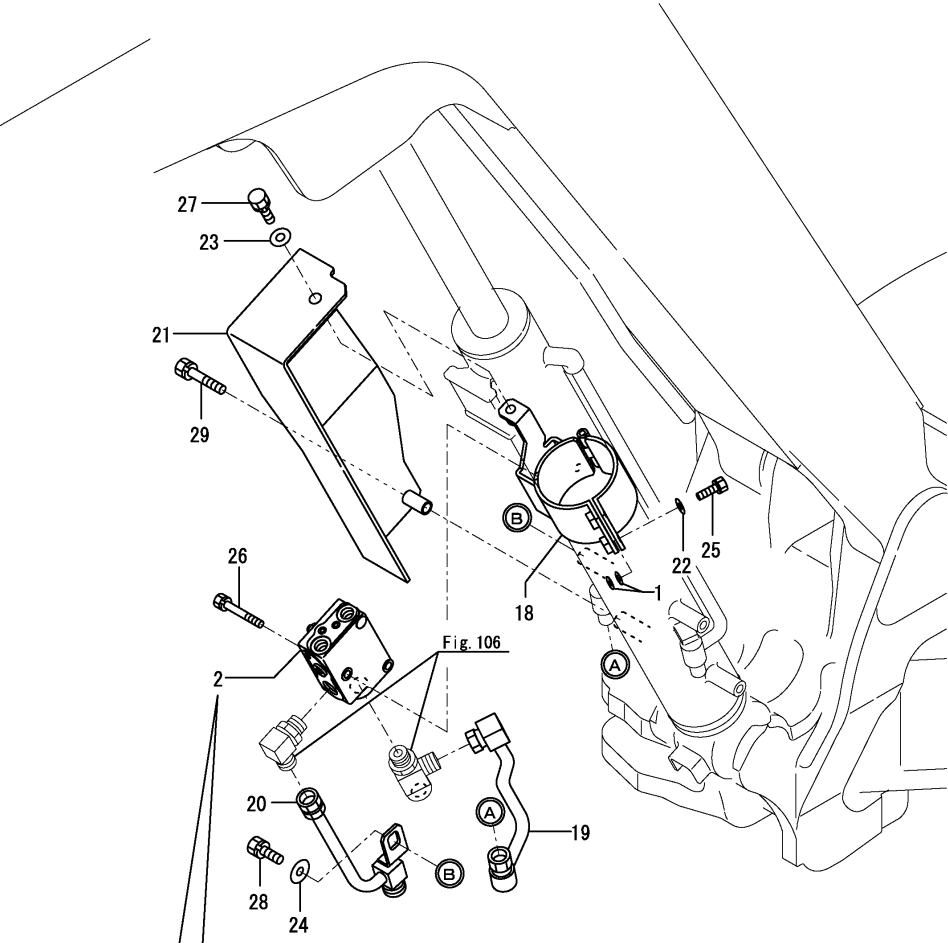
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.88. HOLD VALVE(BOOM : CRANE SPEC.)

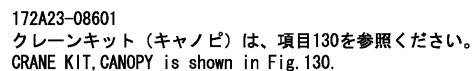
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

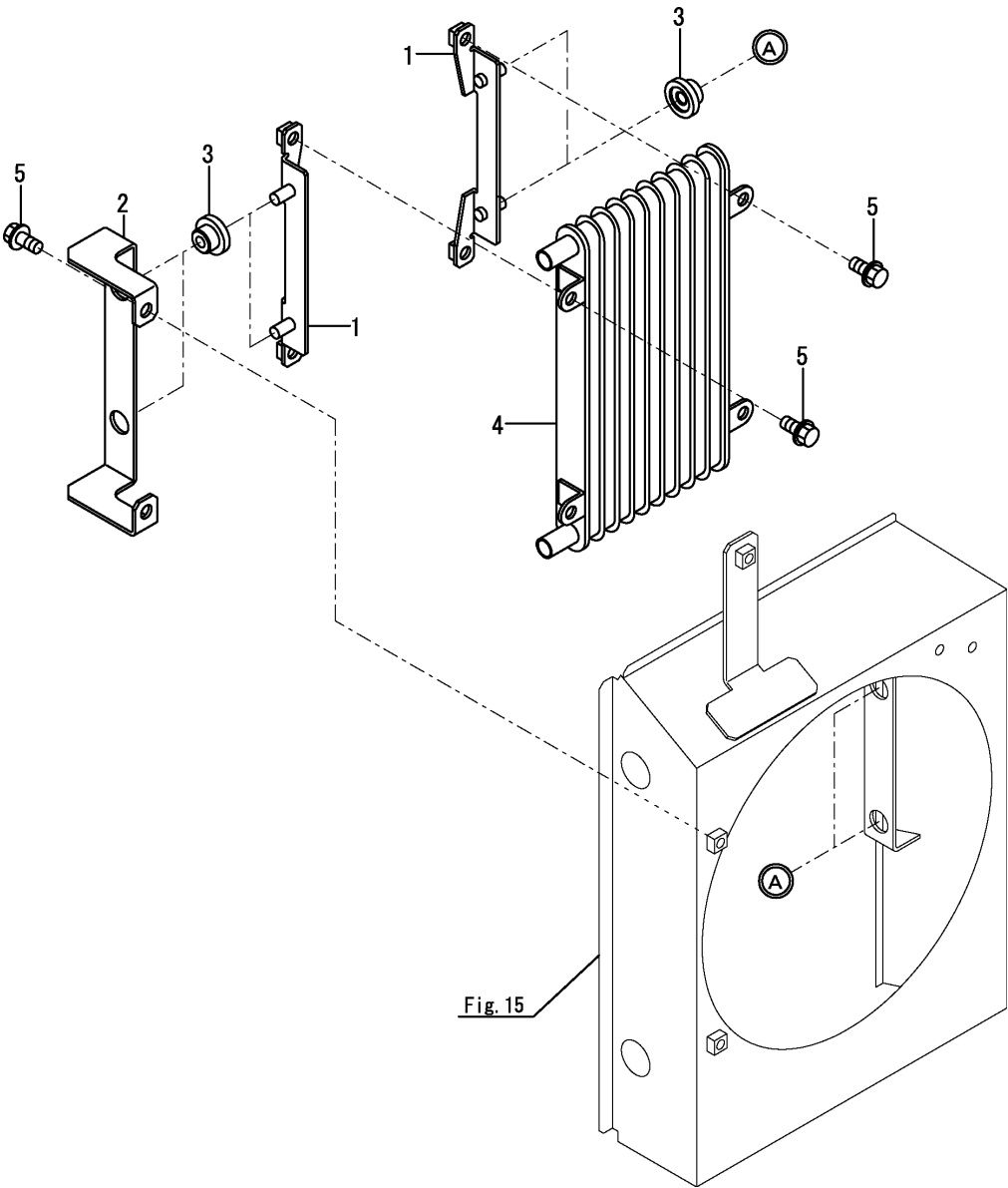
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING		4						
2	1	172A25-74401	HOLD VALVE,BOOM&ARM		1						
3	2	172A25-74420	O-RING		1						
4	2	172A25-74430	O-RING		1						
5	2	172A25-74440	PLUG		1						
6	2	172A25-74450	PLUG		1						
7	2	172A25-74460	PLUG		1						
8	2	172A25-74470	POPPET		1						
9	2	172A25-74480	SPRING		1						
10	2	172A25-74490	SPRING		1						
11	2	172A25-74501	PISTON		1						
12	2	172455-77140	PLUG		1						
13	2	172455-77150	PLUG		5						
14	2	24315-000100	O-RING, 1BP10.0		1						
15	2	24315-000110	O-RING, 1BP11.0		1						
16	2	24315-000140	O-RING, 1BP14.0		1						
17	2	24315-000160	O-RING, 1BP16.0		1						
18	1	172A23-77100	BAND ASSY,BOOM K		1						
19	1	172A25-77200	TUBE, BOOM		1						
19-1	1	172A25-77200-Y (B=M38501)	TUBE, BOOM		1						S
20	1	172A25-77221	TUBE, BOOM		1						
20-1	1	172A25-77221-Y (B=M38501)	TUBE, BOOM		1						S
21	1	172A25-77250	COVER, BOOM		1						
21-1	1	172A25-77250-N (B=M38501)	COVER, BOOM		1						S
22	1	22137-080000	WASHER, 8		2						
23	1	22137-100000	WASHER, 10		2						
24	1	22157-100000	WASHER, 10		2						
25	1	26013-080252	BOLT, M8X 25		2						
26	1	26013-080552	BOLT, M8X 55		2						
27	1	26013-100252	BOLT, M10X 25		1						
28	1	26013-100252	BOLT, M10X 25		1						
29	1	26013-100502	BOLT, M10X 50		1						



172A23-08601
クレーンキット (キャノピー) は、
項目130を参照ください。
CRANE KIT,CANOPY is shown in Fig.130.

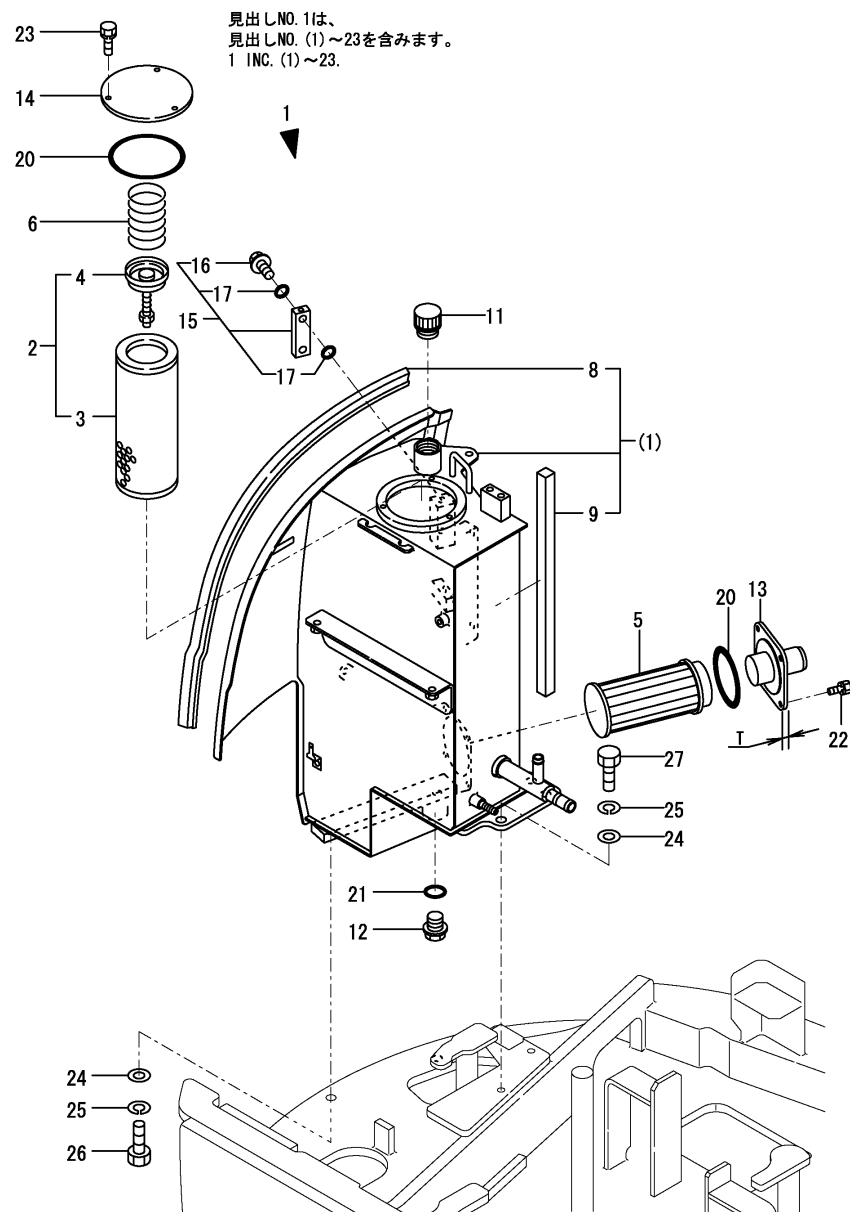


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING		4						
2	1	172A25-74401	HOLD VALVE,BOOM&ARM		1						
3	2	172A25-74420	O-RING		1						
4	2	172A25-74430	O-RING		1						
5	2	172A25-74440	PLUG		1						
6	2	172A25-74450	PLUG		1						
7	2	172A25-74460	PLUG		1						
8	2	172A25-74470	POPPET		1						
9	2	172A25-74480	SPRING		1						
10	2	172A25-74490	SPRING		1						
11	2	172A25-74501	PISTON		1						
12	2	172455-77140	PLUG		1						
13	2	172455-77150	PLUG		5						
14	2	24315-000100	O-RING, 1BP10.0		1						
15	2	24315-000110	O-RING, 1BP11.0		1						
16	2	24315-000140	O-RING, 1BP14.0		1						
17	2	24315-000160	O-RING, 1BP16.0		1						
18	1	172A23-77300	BAND ASSY,ARM K		1						
19	1	172A24-77370	TUBE, ARM		1						
19-1	1	172A24-77370-Y (B=M38501)	TUBE, ARM		1						S
20	1	172A23-77390	COVER, ARM		1						
20-1	1	172A23-77390-Y (B=M38501)	COVER, ARM		1						S
21	1	22137-080000	WASHER, 8		2						
22	1	26013-080252	BOLT, M8X 25		2						
23	1	26013-080552	BOLT, M8X 55		2						
24	1	26013-100202	BOLT, M10X 20		4						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172490-13160	BRACKET ASSY	2	2	2					
2	1	172A23-13210	BRACKET,O/C	1	1	1					
3	1	172446-13330	ABSORBER, SHOCK	4	4	4					
4	1	198448-48810	COOLER ASSY, OIL	1	1	1					
5	1	26106-100202	BOLT, M10X 20 PLATED	6	6	6					
5-1	1	26106-100162	BOLT, M10X 16 PLATED	6	6	6					N
(A=M45876) (B=M45876) (C=M45876)											

Fig.91. HYD.OIL TANK



				(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)				(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	Q'ty			I			R		
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	772A23-75100-2	TANK ASSY, RESERVOIR	1	1	1						
1-1	1	772A23-75100-Y	TANK ASSY, RESERVOIR	1	1	1						S
		(A=M38501)	(B=M38501)	(C=M38501)								
2	2	172175-73700	FILTER ASSY, RETURN	1	1	1						
3	3	172175-73710	ELEMENT, FILTER	1	1	1						
4	3	172141-73770	VALVE ASSY, BYPASS	1	1	1						
5	2	172146-73730	FILTER, SUCTION	1	1	1						
6	2	933152-02710	SPRING, CLUTCH	1	1	1						
8	3	172168-65750	RUBBER, SEAL	1	1	1						
9	3	172458-75070	SEAL	1	1	1						
11	2	172446-75250	CAP, RESERVER	1	1	1						
12	2	172455-75330	PLUG, DRAIN	1	1	1						
13	2	172183-75410	FLANGE, SUCTION	1	1	1						
13-1	2	172A46-75500	FLANGE, SUCTION	1	1	1					F	1
		(A=M35892)	(B=M35892)	(C=M35892)								
14	2	172460-75410-6	COVER, TANK	1	1	1						
14-1	2	172460-75410-Y	COVER, TANK	1	1	1						S
		(A=M38501)	(B=M38501)	(C=M38501)								
15	2	172447-75600	GAUGE ASSY	1	1	1						
16	3	172455-75290	BOLT	2	2	2						
17	3	172455-75300	O-RING	4	4	4						
20	2	24321-001050	O-RING, 1AG105.0	2	2	2						
21	2	24341-000300	O-RING, 1AS30.0	1	1	1						
22	2	26013-080162	BOLT, M8X 16	4	4	4						
22-1	2	26014-080252	BOLT, M8X 25	4	4	4						S
		(A=M35892)	(B=M35892)	(C=M35892)								
23	2	26013-080202	BOLT, M8X 20	3	3	3						
23-1	2	26014-080202	BOLT, M8X 20	3	3	3						N
		(A=M35398)	(B=M35398)	(C=M35398)								
24	1	22137-140000	WASHER, 14	4	4	4						
25	1	22217-140000	WASHER, SPRING 14	4	4	4						
26	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2						
27	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2						
27-1	1	26116-140302	BOLT, M14X 30 PLATED	2	2	2						N
		(A=M36104)	(B=M36104)	(C=M36104)								

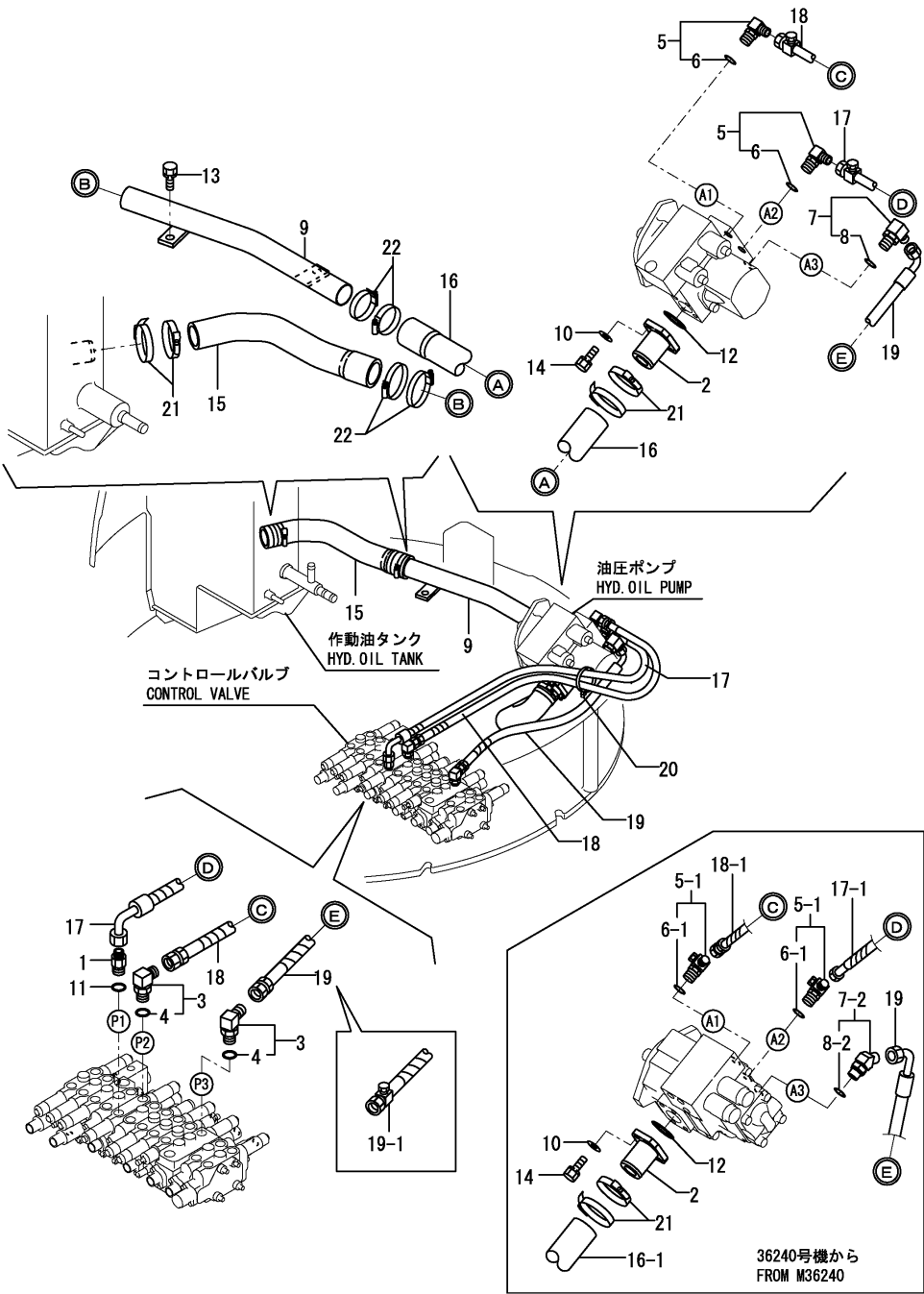
Remarks

(1)T=REF.NO.13 6MM, NO.13-1 12MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.22-1.

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

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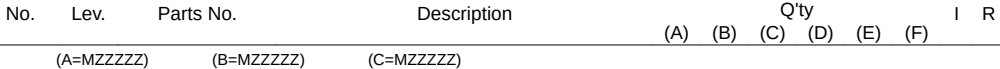
Fig.92. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	1	1	1					
2	1	172422-76100	FLANGE	1	1	1					
3	1	172142-76181	JOINT ASSY	2	2	2					
4	2	24315-000140	O-RING, 1BP14.0	2	2	2					
5	1	172142-76181	JOINT ASSY	2	2	2					
5-1	1	172A23-76301	ELBOW ASSY	2	2	2					S
(A=M36240) (B=M36240) (C=M36240)											
6	2	24315-000140	O-RING, 1BP14.0	2	2	2					
6-1	2	41851-000180	O RING	2	2	2					S
(A=M36240) (B=M36240) (C=M36240)											
7	1	172A23-76300	ELBOW ASSY	1	1	1					
7-1	1	172A23-76301	ELBOW ASSY	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
7-2	1	172644-76161	ELBOW, ADJUST	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
8	2	24315-000180	O-RING, 1BP18.0	1	1	1					
8-1	2	41851-000180	O-RING 1B P-18.0	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
8-2	2	24315-000140	O-RING, 1BP14.0	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
9	1	172487-76410	TUBE ASSY, SUCTION	1	1	1					
10	1	22117-100000	WASHER, 10	4	4	4					
11	1	24315-000140	O-RING, 1BP14.0	1	1	1					
11-1	1	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
12	1	24321-000400	O-RING, 1AG40.0	1	1	1					
13	1	26013-100202	BOLT, M10X 20	2	2	2					
13-1	1	26014-100252	BOLT, M10X 25	2	2	2					N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
14	1	26013-100252	BOLT, M10X 25	4	4	4					
15	1	172A23-78080	HOSE	1	1	1					
16	1	172458-78091	HOSE	1	1	1					
16-1	1	172A23-78090	HOSE 42.5 55.2	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
17	1	172A23-78110	HOSE	1	1	1					
17-1	1	172A23-78111	HOSE H206BC072S	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
17-2	1	172A23-78112	HOSE H206BC077S	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
18	1	172456-78120	HOSE	1	1	1					
18-1	1	172A23-78120	HOSE H206BB071S	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
18-2	1	172A23-78121	HOSE H206BB074S	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
19	1	172A23-78130	HOSE	1	1	1					
19-1	1	172A23-78131	HOSE H206CZ066S	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
20	1	172122-79930	CLAMP, HOSE	1	1	1					
21	1	23001-060000	CLAMP, HOSE 60	4	4	4					
22	1	23001-070000	CLAMP, HOSE 70	4	4	4					
22-1	1	23001-060000	CLAMP, HOSE 60	4	4	4					N

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

[illegible]

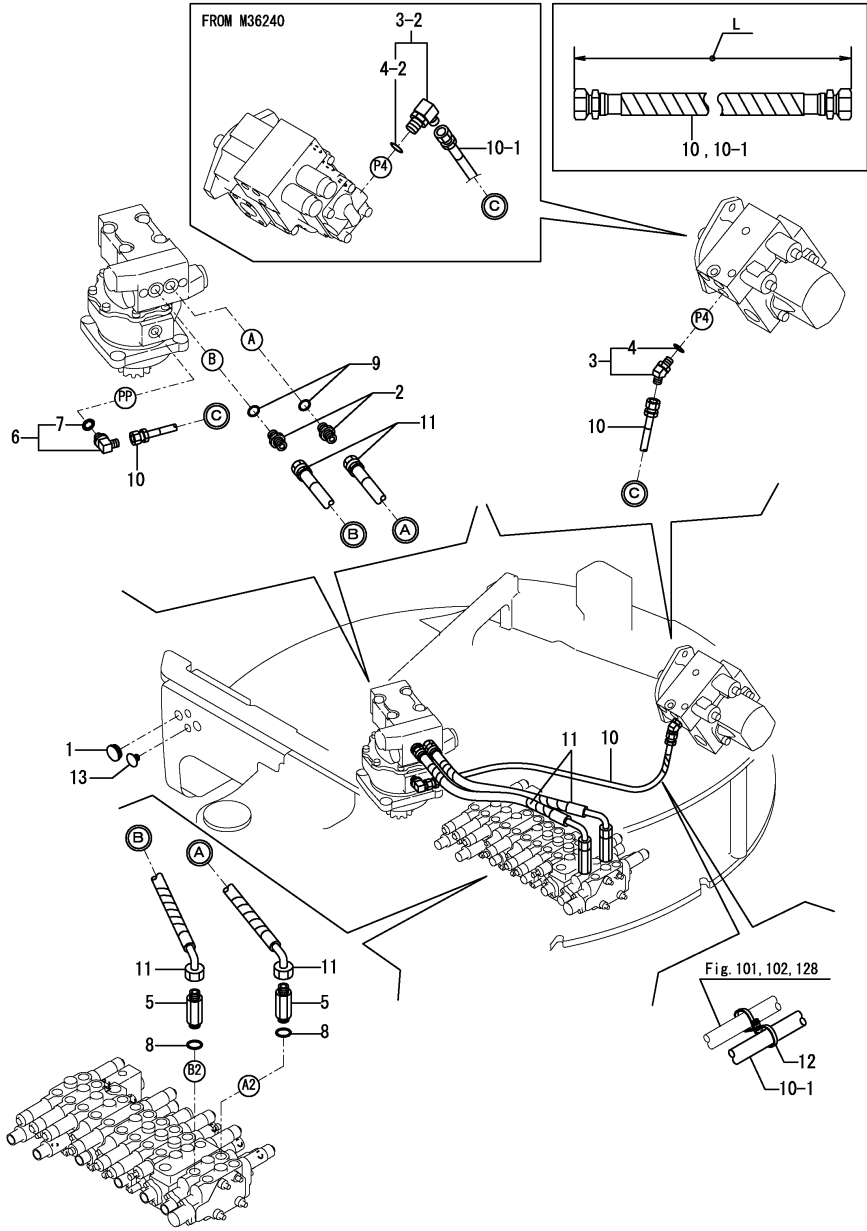
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.93. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



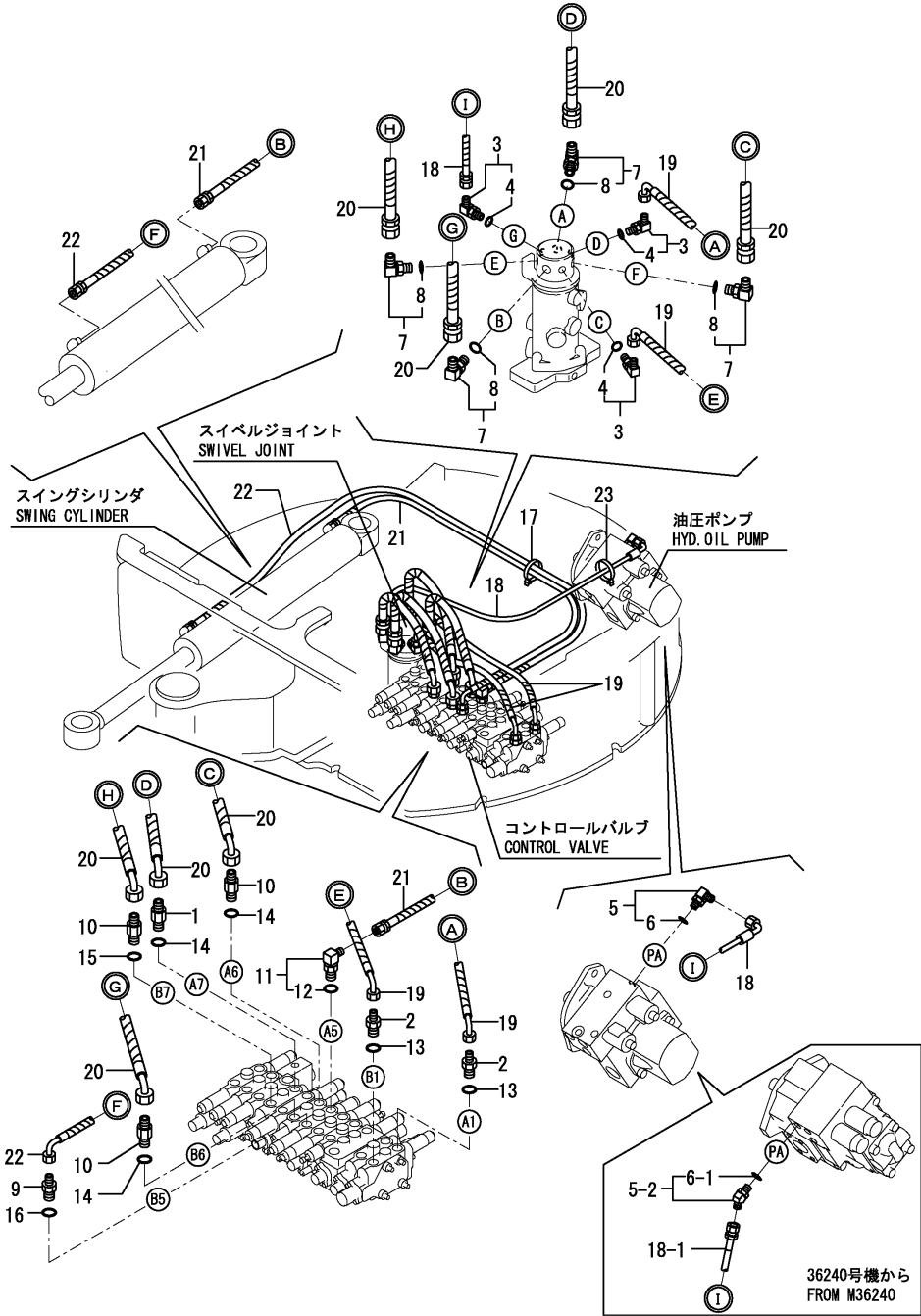
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172312-17260	GROMMET	2	2	2					
2	1	172730-75141	ADAPTER	2	2	2					
3	1	172173-76101	CONNECTOR ASSY	1	1	1					
3-1	1	172173-76102	CONNECTOR ASSY	1	1	1					N
		(A=M35241) (B=M35241) (C=M35241)									
3-2	1	172141-76920	CONNECTOR ASSY	1	1	1					S
		(A=M36240) (B=M36240) (C=M36240)									
4	2	24315-000110	O-RING, 1BP11.0	1	1	1					
4-1	2	41851-000110	O-RING	1	1	1					N
		(A=M35241) (B=M35241) (C=M35241)									
4-2	2	24315-000140	O-RING, 1BP14.0	1	1	1					S
		(A=M36240) (B=M36240) (C=M36240)									
5	1	172162-76131	ADAPTER	2	2	2					
6	1	172141-76180	CONNECTOR ASSY	1	1	1					
6-1	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1					N
		(A=M35241) (B=M35241) (C=M35241)									
7	2	24315-000110	O-RING, 1BP11.0	1	1	1					
7-1	2	41851-000110	O-RING	1	1	1					N
		(A=M35241) (B=M35241) (C=M35241)									
8	1	24315-000140	O-RING, 1BP14.0	2	2	2					
8-1	1	41851-000140	O-RING	2	2	2					N
		(A=M35460) (B=M35460) (C=M35460)									
9	1	24315-000140	O-RING, 1BP14.0	2	2	2					
9-1	1	41851-000140	O-RING	2	2	2					N
		(A=M35460) (B=M35460) (C=M35460)									
10	1	172456-78140	HOSE	1	1	1					
10-1	1	172423-78940	HOSE	1	1	1					S 1
		(A=M36240) (B=M36240) (C=M36240)									
11	1	172422-78210	HOSE	2	2	2					
12	1	172137-16560	BAND	1	1	1					W
		(A=M3A673) (B=M3A673) (C=M3A673)									
13	1	172176-68210	CLIP, TREE	2	2	2					W
		(A=*2014.12) (B=*2014.12) (C=*2014.12)									

Remarks
(1)REF.NO.10 L=700MM,
NO.10-1 H=1000MM.

Fig.94. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT, SWING CYLINDER)

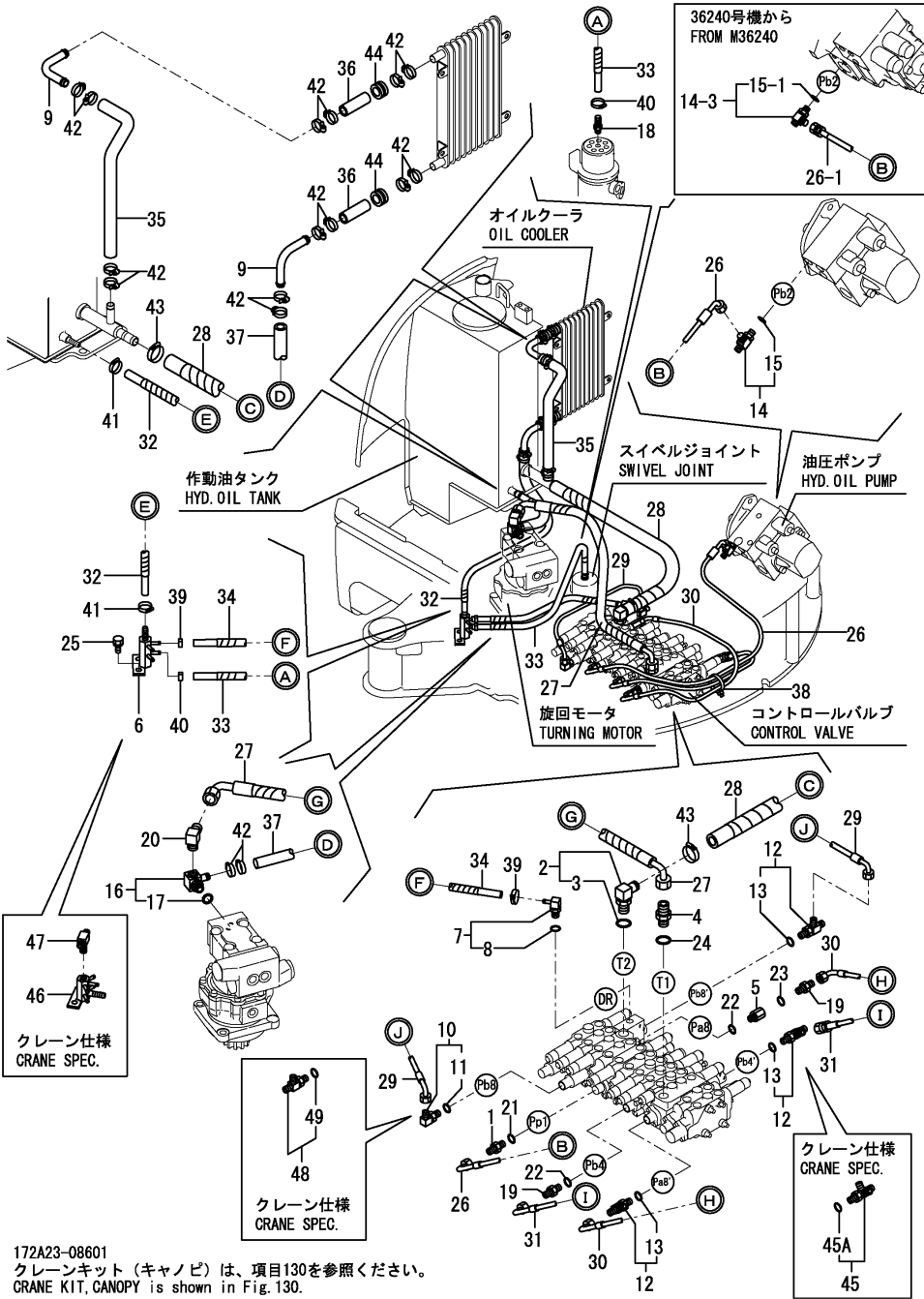
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



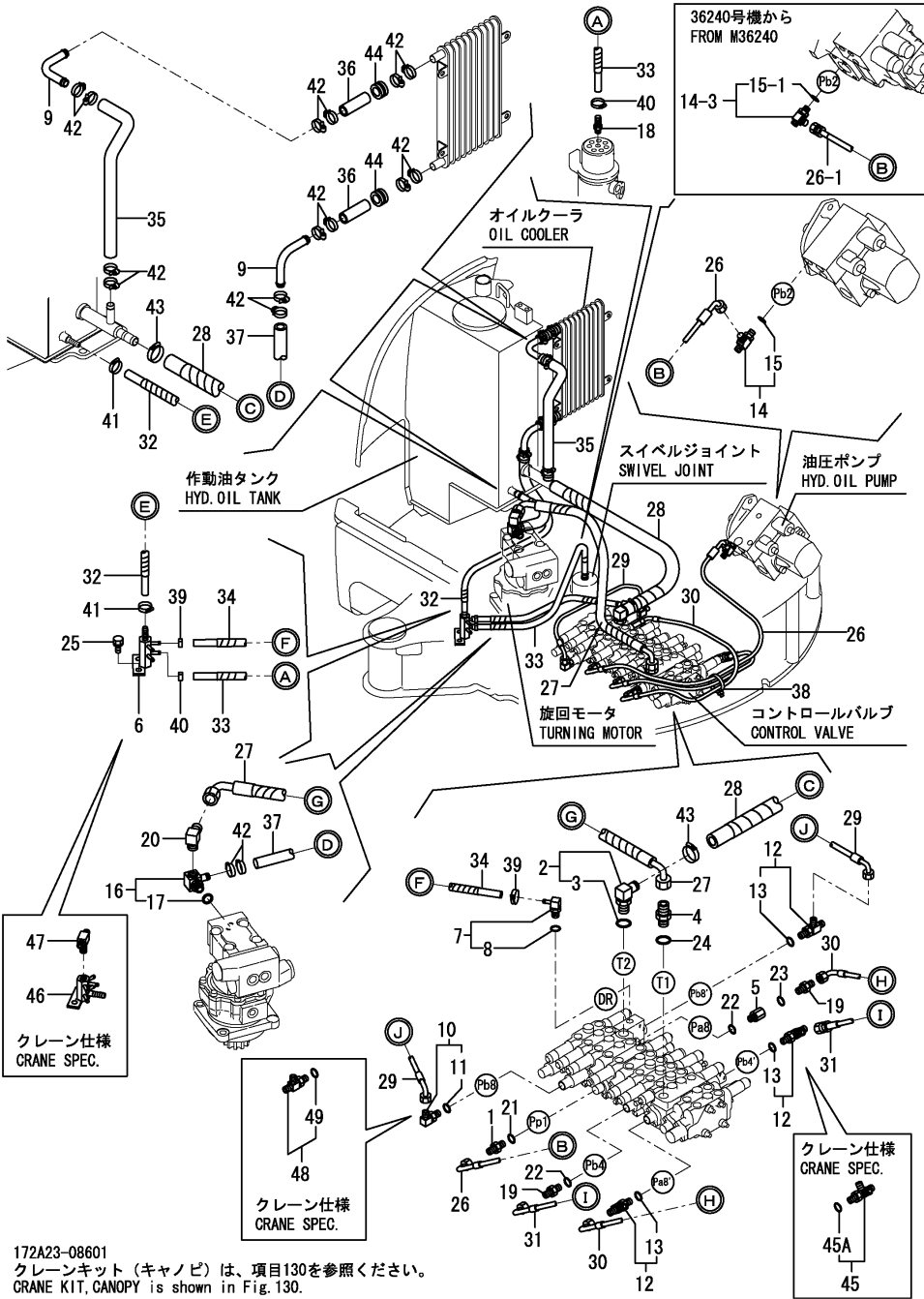
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76131	ADAPTER	1	1	1					
2	1	172422-76130	CONNECTOR	2	2	2					
3	1	172141-76180	CONNECTOR ASSY	3	3	3					
3-1	1	172141-76181	CONNECTOR ASSY, 02FF	3	3	3					N
(A=M35241) (B=M35241) (C=M35241)											
4	2	24315-000110	O-RING, 1BP11.0	3	3	3					
4-1	2	41851-000110	O-RING	3	3	3					N
(A=M35241) (B=M35241) (C=M35241)											
5	1	172141-76180	CONNECTOR ASSY	1	1	1					
5-1	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
5-2	1	172123-76121	ADAPTER	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
5-3	1	172173-76102	CONNECTOR ASSY	1	1	1					N
(A=M36288) (B=M36288) (C=M36288)											
6	2	24315-000110	O-RING, 1BP11.0	1	1	1					
6-1	2	41851-000110	O-RING	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
7	1	172142-76181	JOINT ASSY	4	4	4					
8	2	24315-000140	O-RING, 1BP14.0	4	4	4					
9	1	172147-76260	CONNECTOR, 3/8X1/4	1	1	1					
10	1	172116-76381	ADAPTER, 64	3	3	3					
11	1	172141-76920	CONNECTOR ASSY	1	1	1					
12	2	24315-000140	O-RING, 1BP14.0	1	1	1					
13	1	24315-000140	O-RING, 1BP14.0	2	2	2					
13-1	1	41851-000140	O RING P 14.0 HNBR	2	2	2					N
(A=M35460) (B=M35460) (C=M35460)											
14	1	24315-000140	O-RING, 1BP14.0	3	3	3					
14-1	1	41851-000140	O RING P 14.0 HNBR	3	3	3					N
(A=M35460) (B=M35460) (C=M35460)											
15	1	24315-000140	O-RING, 1BP14.0	1	1	1					
15-1	1	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
16	1	24315-000140	O-RING, 1BP14.0	1	1	1					
16-1	1	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
17	1	172126-11510	BAND 300	1	1	1					
18	1	172456-78150	HOSE	1	1	1					
18-1	1	172A45-78600	HOSE	1	1	1					S
(A=M36240) (B=M36240) (C=M36240)											
19	1	172456-78170	HOSE	2	2	2					
20	1	172422-78200	HOSE	4	4	4					
21	1	172456-78200	HOSE	1	1	1					
22	1	172456-78210	HOSE	1	1	1					
23	1	172122-79930	CLAMP, HOSE	1	1	1					

Fig.95. HYD.OIL PIPING(RETURN)



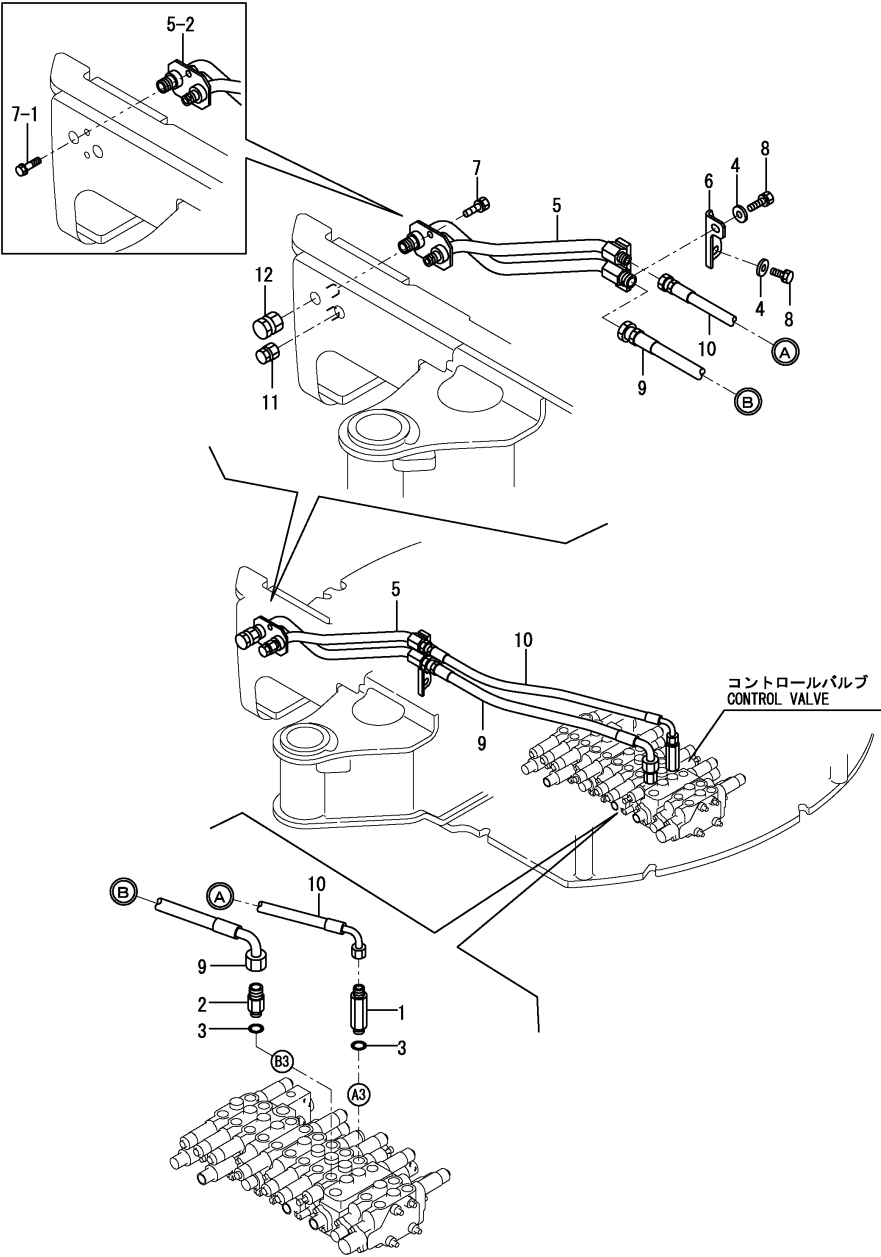
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1					
2	1	172164-76131	ELBOW	1	1	1					
3	2	24315-000180	O-RING, 1BP18.0	1	1	1					
4	1	172458-76130	CONNECTOR	1	1	1					
5	1	172422-76140	CONNECTOR	1	1	1					
6	1	172444-76150	JOINT	1	1	1					
7	1	172458-76150	NIPPLE, ELBOW	1	1	1					
8	2	24315-000110	O-RING, 1BP11.0	1	1	1					
9	1	172490-76150	PIPE	2	2	2					
10	1	172141-76180	CONNECTOR ASSY	1	1	1					
10-1	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
11	2	24315-000110	O-RING, 1BP11.0	1	1	1					
11-1	2	41851-000110	O-RING	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
12	1	172162-76180	JOINT ASSY, 3-1/4	3	3	3					
12-1	1	172162-76181	JOINT ASSY	3	3	3					N
(A=M35241) (B=M35241) (C=M35241)											
13	2	24315-000110	O-RING, 1BP11.0	3	3	3					
13-1	2	41851-000110	O-RING	3	3	3					N
(A=M35241) (B=M35241) (C=M35241)											
14	1	172162-76180	JOINT ASSY, 3-1/4	1	1	1					
14-1	1	172162-76181	JOINT ASSY	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
14-2	1	172187-76211	ELBOW	1	1	1					S
(A=M36266) (B=M36266) (C=M36266)											
14-3	1	172A23-76210	ELBOW	1	1	1					N
(A=M37002) (B=M37002) (C=M37002)											
15	2	24315-000110	O-RING, 1BP11.0	1	1	1					
15-1	2	41851-000110	O-RING	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
16	1	172A23-76200	ELBOW	1	1	1					
17	2	24315-000140	O-RING, 1BP14.0	1	1	1					
17-1	2	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35241) (B=M35241) (C=M35241)											
18	1	172141-76220	NIPPLE	1	1	1					
19	1	172164-76330	JOINT, PF1/4-0.7	2	2	2					
20	1	23393-040000	JOINT, 90RGI-1/2	1	1	1					
21	1	24315-000110	O-RING, 1BP11.0	1	1	1					
21-1	1	41851-000110	O-RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
22	1	24315-000110	O-RING, 1BP11.0	2	2	2					
22-1	1	41851-000110	O-RING	2	2	2					N
(A=M35460) (B=M35460) (C=M35460)											
23	1	24315-000110	O-RING, 1BP11.0	1	1	1					
23-1	1	41851-000110	O-RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
24	1	24315-000180	O-RING, 1BP18.0	1	1	1					
24-1	1	41851-000180	O RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
25	1	26013-100202	BOLT, M10X 20	2	2	2					

Fig.95. HYD.OIL PIPING(RETURN)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
26	1	172456-78160	HOSE	1	1	1					
26-1	1	172456-78161	HOSE F403BC091S	1	1	1				N	
(A=M37001) (B=M37001) (C=M37001)											
27	1	172456-78260	HOSE	1	1	1					
28	1	172456-78270	HOSE	1	1	1					
29	1	172458-78290	HOSE	1	1	1					
30	1	172458-78300	HOSE	1	1	1					
31	1	172458-78310	HOSE	1	1	1					
32	1	172165-78412	HOSE	1	1	1					
33	1	172458-78530	HOSE	1	1	1					
34	1	172458-78540	HOSE	1	1	1					
35	1	172A23-78840	HOSE	1	1	1					
36	1	172A23-78850	HOSE	2	2	2					
37	1	172A23-78860	HOSE	1	1	1					
38	1	172122-79930	CLAMP, HOSE	1	1	1					
39	1	23000-013000	CLAMP, 13	2	2	2					
40	1	23000-013000	CLAMP, 13	2	2	2					
41	1	23001-016000	CLAMP, HOSE 16	2	2	2					
42	1	23001-022000	CLAMP, HOSE 22	16	16	16					
43	1	23001-035000	CLAMP, HOSE 35	2	2	2					
44	1	29311-252000	GROMET, 25.0X2	2	2	2					
45	1	172491-76140	JOINT		1						
45A	2	24315-000110	O-RING, 1BP11.0		1					W	
(B=M30501)											
46	1	172445-76153	BLOCK, DRAIN		1						
47	1	172162-76320	CONNECTOR, 3X1/4		1						
48	1	172162-76180	JOINT ASSY, 3-1/4		1						
48-1	1	172162-76181	JOINT ASSY		3					N	
(B=M35241)											
49	2	24315-000110	O-RING, 1BP11.0		1						
49-1	2	41851-000110	O-RING		3					N	
(B=M35241)											

Fig.96. HYD.OIL PIPING(P.T.O. FRAME END)



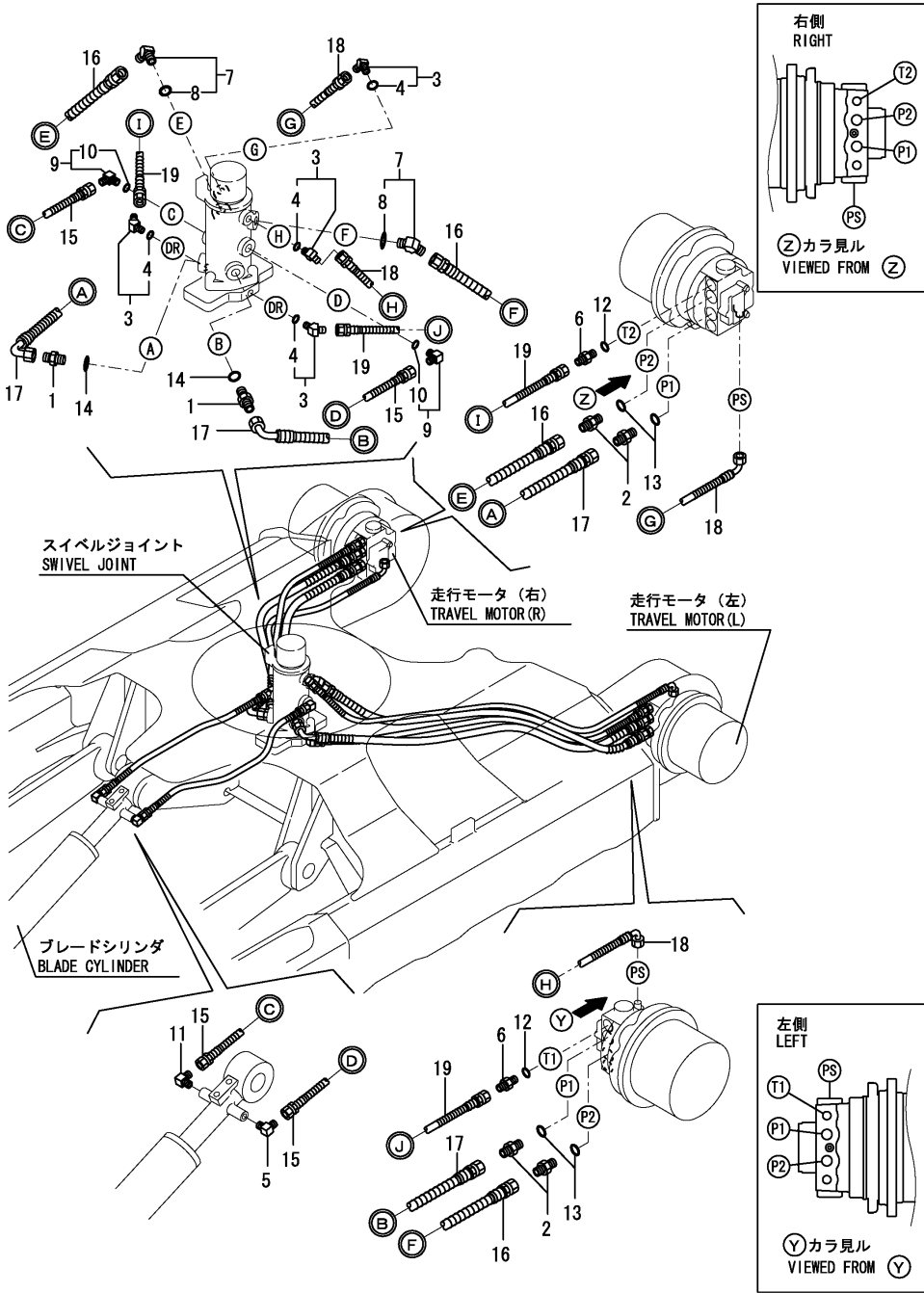
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76131	ADAPTER	1	1	1					
2	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1					
3	1	24315-000140	O-RING, 1BP14.0	2	2	2					
3-1	1	41851-000140	O-RING	2	2	2					N
		(A=M35460) (B=M35460) (C=M35460)									
4	1	172110-36010	COLLAR	2	2	2					
5	1	172456-76800	TUBE	1	1	1					
5-1	1	172456-76800-3	TUBE	1	1	1					S
		(A=M/#33092) (B=M/#33092) (C=M/#32643)									
5-2	1	172456-76801	TUBE ASSY, F-END	1	1	1					S
		(A=M37001) (B=M37001) (C=M37001)									
6	1	172456-76880	PLATE, MOUNT	1	1	1					
6-1	1	172456-76880-3	PLATE, MOUNT	1	1	1					S
		(A=M/#33092) (B=M/#33092) (C=M/#32643)									
7	1	26013-100202	BOLT, M10X 20	2	2	2					
7-1	1	26013-100352	BOLT, M10X 35	2	2	2					S
		(A=M37001) (B=M37001) (C=M37001)									
8	1	26013-100252	BOLT, M10X 25	2	2	2					
9	1	172456-78960	HOSE	1	1	1					
10	1	172456-78970	HOSE	1	1	1					
11	1	1A6380-48870	CAP, G3/8			1					
12	1	172137-75570	ADAPTER, PF1/2			1					

Remarks
* P.T.O. kit is shown in Fig.154.

Fig.97. HYD.OIL PIPING(TRACK FRAME)

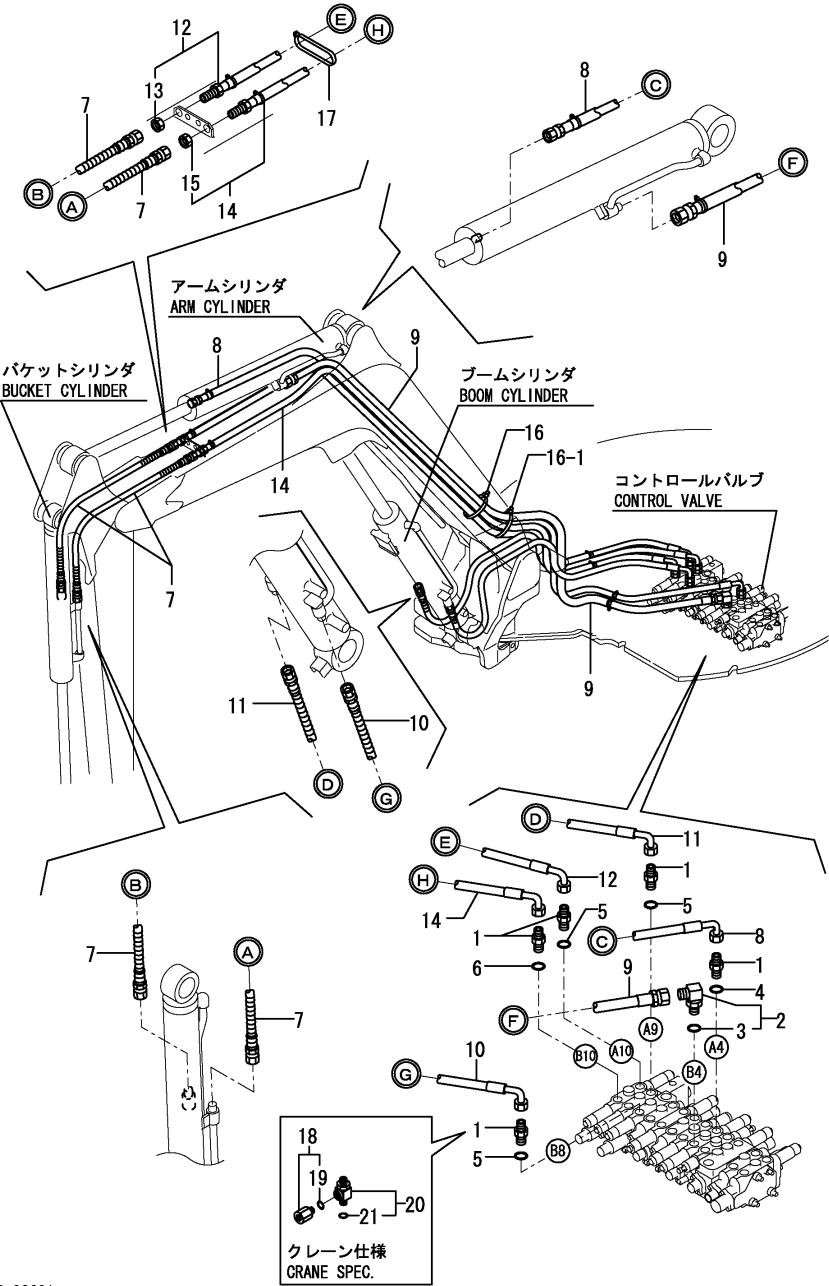


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2	2					
2	1	172730-75141	ADAPTER	4	4	4					
3	1	172173-76101	CONNECTOR ASSY	4	4	4					
3-1	1	172173-76102	CONNECTOR ASSY	4	4	4					N
(A=M35241) (B=M35241) (C=M35241)											
4	2	24315-000110	O-RING, 1BP11.0	4	4	4					
4-1	2	41851-000110	O-RING	4	4	4					N
(A=M35241) (B=M35241) (C=M35241)											
5	1	172421-76100	CONNECTOR	1	1	1					
6	1	172123-76121	ADAPTER	2	2	2					
7	1	172644-76161	ELBOW, ADJUST	2	2	2					
8	2	24315-000140	O-RING, 1BP14.0	2	2	2					
9	1	172141-76180	CONNECTOR ASSY	2	2	2					
9-1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2					N
(A=M35241) (B=M35241) (C=M35241)											
10	2	24315-000110	O-RING, 1BP11.0	2	2	2					
10-1	2	41851-000110	O-RING	2	2	2					N
(A=M35241) (B=M35241) (C=M35241)											
11	1	23393-020000	JOINT, 90RG1-1/4	1	1	1					
12	1	24315-000110	O-RING, 1BP11.0	2	2	2					
12-1	1	41851-000110	O-RING	2	2	2					N
(A=M35460) (B=M35460) (C=M35460)											
13	1	24315-000140	O-RING, 1BP14.0	4	4	4					
13-1	1	41851-000140	O RING P 14.0 HNBR	4	4	4					N
(A=M35460) (B=M35460) (C=M35460)											
14	1	24315-000140	O-RING, 1BP14.0	2	2	2					
14-1	1	41851-000140	O RING P 14.0 HNBR	2	2	2					N
(A=M35460) (B=M35460) (C=M35460)											
15	1	172421-78120	HOSE	2	2	2					
16	1	172421-78131	HOSE	2	2	2					
17	1	172456-78291	HOSE	2	2	2					
18	1	172456-78301	HOSE	2	2	2					
19	1	172456-78312	HOSE	2	2	2					

Fig.98. HYD.OIL PIPING(BOOM)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

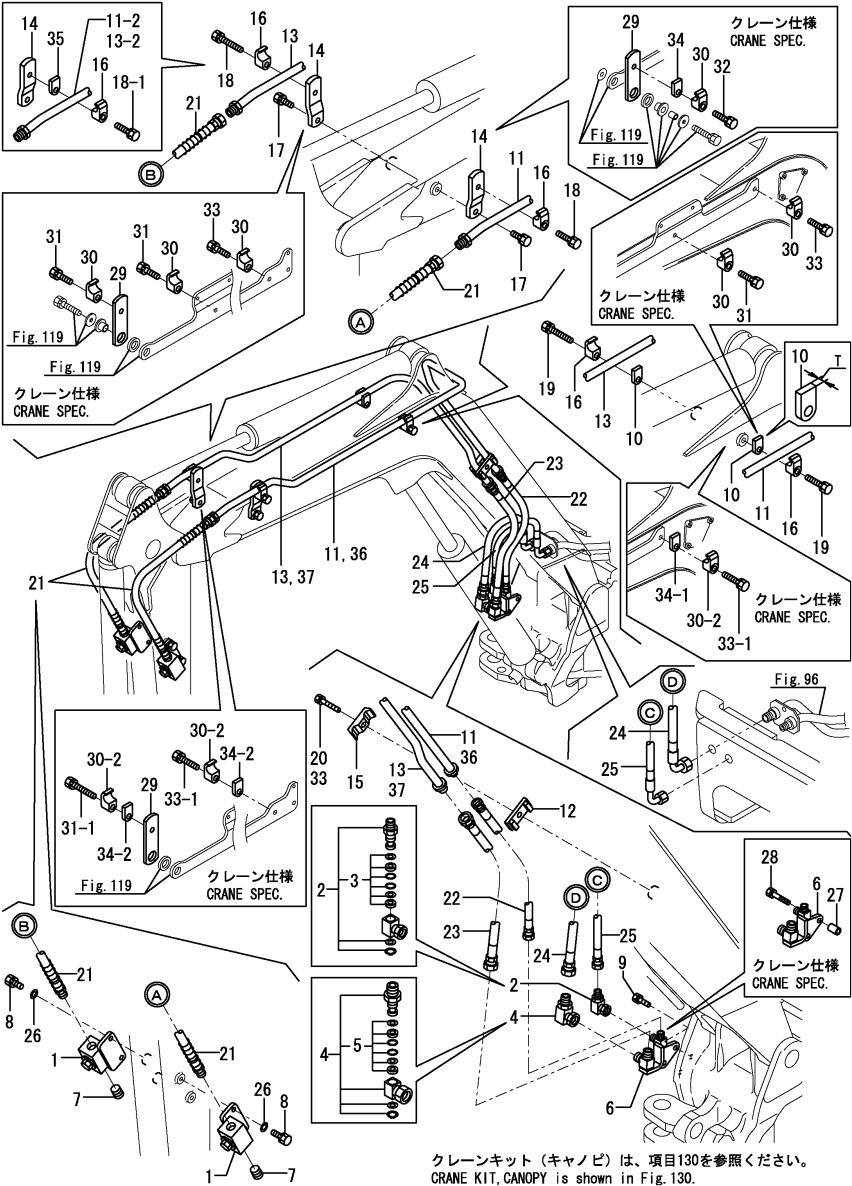


18
19
20
21
クレーン仕様
CRANE SPEC.

172A23-08601
クレーンキット（キャノピ）は、項目130を参照ください。
CRANE KIT,CANOPY is shown in Fig.130.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	5	5	5					
2	1	172142-76181	JOINT ASSY	1	1	1					
3	2	24315-000140	O-RING, 1BP14.0	1	1	1					
4	1	24315-000140	O-RING, 1BP14.0	1	1	1					
4-1	1	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
5	1	24315-000140	O-RING, 1BP14.0	3	3	3					
5-1	1	41851-000140	O RING P 14.0 HNBR	3	3	3					N
(A=M35460) (B=M35460) (C=M35460)											
6	1	24315-000140	O-RING, 1BP14.0	1	1	1					
6-1	1	41851-000140	O RING P 14.0 HNBR	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
7	1	172957-78150	HOSE	2	2	2					
8	1	172456-78180	HOSE	1	1	1					
9	1	172456-78190	HOSE	1	1	1					
9-1	1	172456-78191	HOSE H206BB232K	1	1	1					N
(A=M36292) (B=M36292) (C=M36292)											
10	1	172456-78220	HOSE	1	1	1					
11	1	172456-78230	HOSE	1	1	1					
12	1	172456-78241	HOSE	1	1	1					
13	2	172455-79770	NUT, LOCK	1	1	1					
14	1	172456-78251	HOSE	1	1	1					
15	2	172455-79770	NUT, LOCK	1	1	1					
16	1	172122-79930	CLAMP, HOSE	1	1	1					
16-1	1	172122-79930	CLAMP, HOSE	2	2	2					K
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
17	1	172122-79930	CLAMP, HOSE	1	1	1					
18	1	172187-76310	CONNECTOR		1						
19	2	24315-000110	O-RING, 1BP11.0		1						
20	1	172460-76700	CONNECTOR, 2X3/8X1/4		1						
21	2	24315-000140	O-RING, 1BP14.0		1						

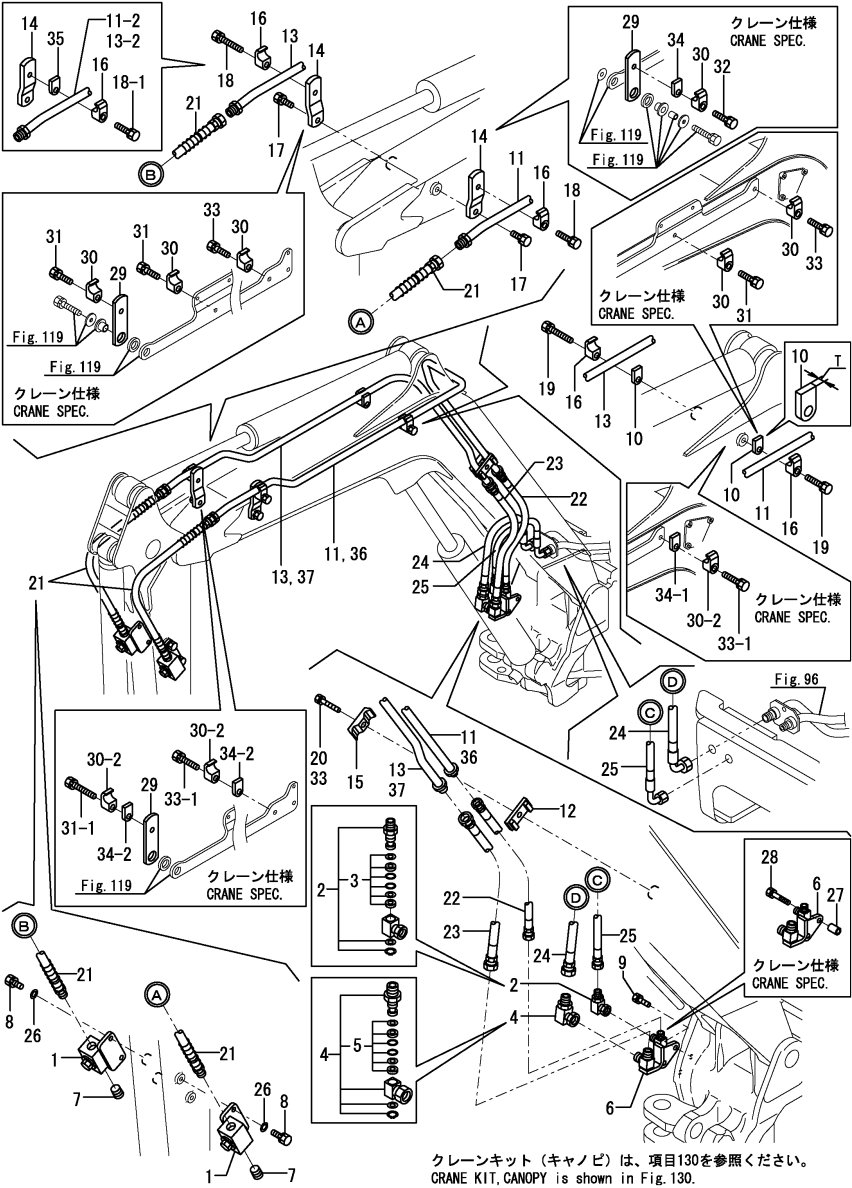
Fig.99. HYD.OIL PIPING(P.T.O. : ARM END)



Remarks
* P.T.O. kit is shown in Fig.154.
(1)CRANE SPEC.
(2)Interchangeable by simultaneous replacement with Ref.No.10-2,18-1,19-1,35.
(3)T=Ref.No.10-1:9mm, No.10-2:16mm.
(4)Interchangeable by simultaneous replacement with Ref.No.30-2,31-1,32-1,33-1,34-2.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820-4	VALVE, STOP	2	2	2					
1-1	1	172183-74821-2	VALVE, STOP	2	2	2					R
(A=M/#32563) (B=M/#32563) (C=M/#32563)											
1-2	1	172183-74822-2	VALVE, STOP (97)	2	2	2					N
(A=M36241) (B=M36241) (C=M36241)											
1-3	1	172183-74822-Y	VALVE, STOP	2	2	2					S
(A=M38501) (B=M38501) (C=M38501)											
2	1	172456-76250	JOINT, SWIVEL 3/8	1	1	1					
3	2	172456-76260	SEAL SET, 3/8	1	1	1					
4	1	172142-76270	JOINT, SWIVEL 1/2	1	1	1					
5	2	172142-77040	SEAL SET	1	1	1					
6	1	172456-76700	JOINT ASSY, PTO	1	1	1					
7	1	23871-040000	PLUG, R04	2	2	2					
8	1	26013-100252	BOLT, SPRING M10X 25	4	4	4					
9	1	26013-100252	BOLT, SPRING M10X 25	2	2	2					
10	1	172183-76250	PLATE, SPACER	2	2	2					
10-1	1	172183-76250-Y	PLATE, SPACER	2	2	2					S
(A=M38501) (B=M38501) (C=M38501)											
10-2	1	172187-76690-Y	PLATE	2	2	2					S 3
(A=M38584) (B=M38584) (C=M38584)											
11	1	172456-76600	TUBE ASSY, PTO	1	1	1					
11-1	1	172456-76600-Y	TUBE ASSY, PTO	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
11-2	1	172456-76601-Y	TUBE ASSY, PTO	1	1	1					F 2
(A=M38584) (B=M38584) (C=M38584)											
12	1	172175-76640	SPACER ASSY	1	1	1					
12-1	1	172175-76640-Y	SPACER ASSY	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
13	1	172456-76650	TUBE ASSY, PTO	1	1	1					
13-1	1	172456-76650-Y	TUBE ASSY, PTO	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
13-2	1	172456-76651-Y	TUBE ASSY, PTO	1	1	1					F 2
(A=M38584) (B=M38584) (C=M38584)											
14	1	172458-76680	STAY	2	2	2					
14-1	1	172458-76680-Y	STAY	2	2	2					S
(A=M38501) (B=M38501) (C=M38501)											
15	1	172175-76750	CLAMP	1	1	1					
15-1	1	172175-76750-Y	CLAMP, PLUMBING 1/2	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
16	1	172142-76950-4	CLAMP	4	4	4					
16-1	1	172142-76950-Y	CLAMP, 1/2	4	4	4					S
(A=M38501) (B=M38501) (C=M38501)											
17	1	26013-120302	BOLT, SPRING M12X 30	2	2	2					
18	1	26013-120402	BOLT, SPRING M12X 40	2	2	2					
18-1	1	26013-120502	BOLT, SPRING M12X 50	2	2	2					S
(A=M38584) (B=M38584) (C=M38584)											
19	1	26013-120502	BOLT, SPRING M12X 50	2	2	2					
19-1	1	26013-120602	BOLT, SPRING M12X 60	2	2	2					S
(A=M38584) (B=M38584) (C=M38584)											
20	1	26013-120552	BOLT, SPRING M12X 55	1	1	1					
20-1	1	26013-120602	BOLT, SPRING M12X 60	1	1	1					S

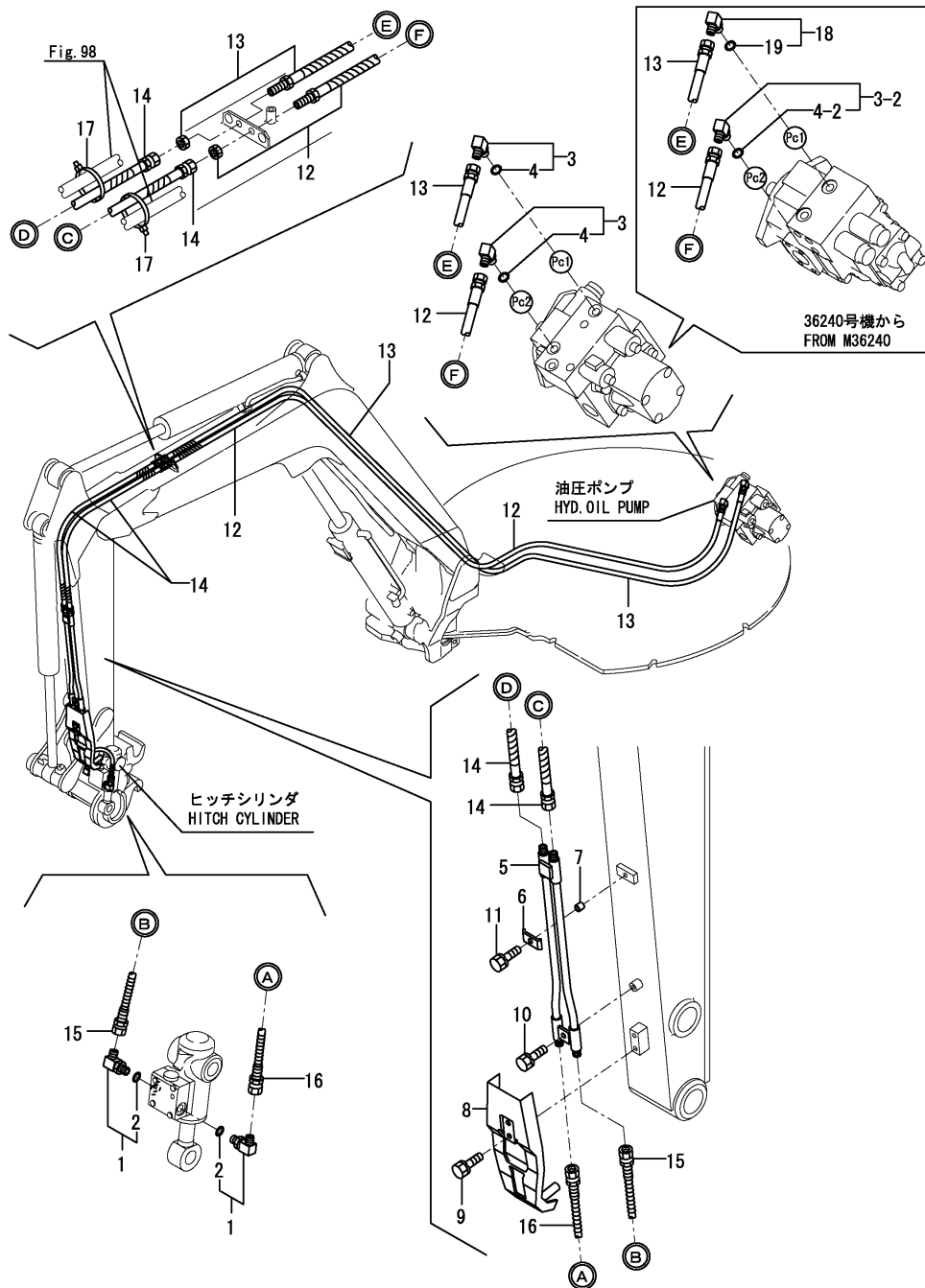
Fig.99. HYD.OIL PIPING(P.T.O. : ARM END)



Remarks
* P.T.O. kit is shown in Fig.154.
(1)CRANE SPEC.
(2)Interchangeable by simultaneous replacement with Ref.No.10-2,18-1,19-1,35.
(3)T=Ref.No.10-1:9mm, No.10-2:16mm.
(4)Interchangeable by simultaneous replacement with Ref.No.30-2,31-1,32-1,33-1,34-2.

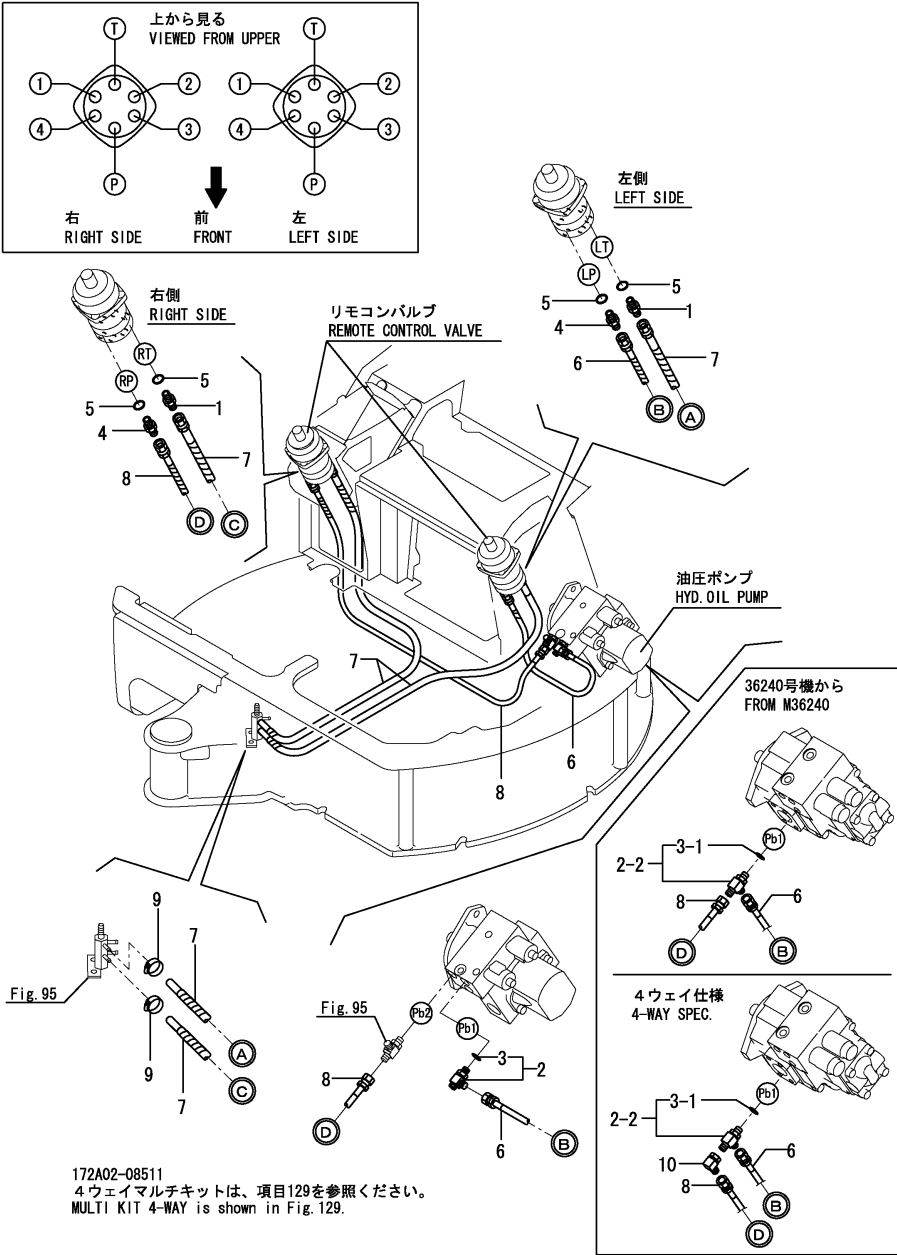
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M38584) (B=M38584) (C=M38584)									
21	1	172456-78910	HOSE	2	2	2					
22	1	172456-78920	HOSE	1	1	1					
22-1	1	172469-78510	HOSE	1	1	1					R
		(A=M35894) (B=M35894) (C=M35894)									
23	1	172456-78930	HOSE	1	1	1					
23-1	1	172469-78520	HOSE	1	1	1					R
		(A=M35894) (B=M35894) (C=M35894)									
24	1	172456-78940	HOSE	1	1	1					
24-1	1	172469-78530	HOSE	1	1	1					R
		(A=M35894) (B=M35894) (C=M35894)									
25	1	172456-78950	HOSE	1	1	1					
25-1	1	172469-78540	HOSE	1	1	1					R
		(A=M35894) (B=M35894) (C=M35894)									
26	1	22117-100000	WASHER, 10	4	4	4					W
		(A=M/#30829) (B=M/#30829) (C=M/#30829)									
27	1	172527-47990	COLLAR, 11X17X25.5		2						1
28	1	26013-100502	BOLT, SPRING M10X 50		2						1
29	1	172A25-76690	STAY, CRANE		2						1
29-1	1	172A25-76690-Y	STAY, CRANE		2					S	1
		(A=M38501) (B=M38501)									
30	1	172142-76950-4	CLAMP		6						1
30-1	1	172142-76950-Y	CLAMP, 1/2		6					S	1
		(A=M38501) (B=M38501) (C=M38501)									
30-2	1	172142-76950-Y	CLAMP, 1/2		4					K	1
		(B=M38584)									
31	1	26013-120402	BOLT, SPRING M12X 40		3						1
31-1	1	26013-120502	BOLT, SPRING M12X 50		1					S	1
		(B=M38584)									
32	1	26013-120452	BOLT, SPRING M12X 45		1						1
32-1	1	26013-120502	BOLT, SPRING M12X 50		1					S	1
		(B=M38584)									
33	1	26013-120552	BOLT, SPRING M12X 55		3						1
33-1	1	26013-120602	BOLT, SPRING M12X 60		3					S	1
		(B=M38584)									
34	1	172183-76250	PLATE, SPACER		1						1
34-1	1	172183-76250-Y	PLATE, SPACER		1					S	1
		(A=M38501) (B=M38501) (C=M38501)									
34-2	1	172183-76250-Y	PLATE, SPACER		4					K	1
		(B=M38584)									
35	1	172183-76250-Y	PLATE, SPACER	2	2	2					W
		(A=M38584) (B=M38584) (C=M38584)									
36	1	172456-76600-Y	TUBE ASSY, PTO		1						1
36-1	1	172456-76601-Y	TUBE ASSY, PTO		1					F	4
		(B=M38584)									
37	1	172456-76650-Y	TUBE ASSY, PTO		1						1
37-1	1	172456-76651-Y	TUBE ASSY, PTO		1					F	4
		(B=M38584)									

Fig.100. HYD.OIL PIPING(QUICK COUPLER)



No.	Lev.	Parts No.	Description	Q'ty			I	R
				(A)	(B)	(C)		
1	1	172958-76130	ELBOW	2	2	2		
2	2	24315-000110	O-RING, 1BP11.0	2	2	2		
3	1	172141-76180	CONNECTOR ASSY	2	2	2		
3-1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2		N
		(A=M35241)	(B=M35241)					
3-2	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1		K
		(A=M36240)	(B=M36240)					
4	2	24315-000110	O-RING, 1BP11.0	2	2	2		
4-1	2	41851-000110	O-RING	2	2	2		N
		(A=M35241)	(B=M35241)					
4-2	2	41851-000110	O-RING	1	1	1		K
		(A=M36240)	(B=M36240)					
5	1	172956-76100	TUBE, HITCH	1	1	1		
5-1	1	172956-76100-Y	TUBE, HITCH	1	1	1		S
		(A=M38501)	(B=M38501)					
6	1	172110-76170-4	PLATE	1	1	1		
6-1	1	172110-76170	PLATE	1	1	1		R
		(A=MZZZZZ)	(B=MZZZZZ)					
7	1	172137-76580	COLLAR	1	1	1		
8	1	172956-81901	COVER, ARM	1	1	1		
8-1	1	172956-81901-Y	COVER, ARM	1	1	1		S
		(A=M38501)	(B=M38501)					
9	1	26013-080162	BOLT, M8X 16	2	2	2		
10	1	26013-080162	BOLT, M8X 16	1	1	1		
11	1	26013-080252	BOLT, M8X 25	1	1	1		
12	1	172956-78100	HOSE	1	1	1		
13	1	172956-78110	HOSE	1	1	1		
14	1	172957-78111	HOSE	2	2	2		
15	1	172956-78120	HOSE	1	1	1		
16	1	172958-78200	HOSE	1	1	1		
17	1	172122-79930	CLAMP, HOSE	2	2	2		
18	1	172958-76130	ELBOW	1	1	1		W
		(A=M36240)	(B=M36240)					
19	2	24315-000110	O-RING, 1BP11.0	1	1	1		

Fig.101. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

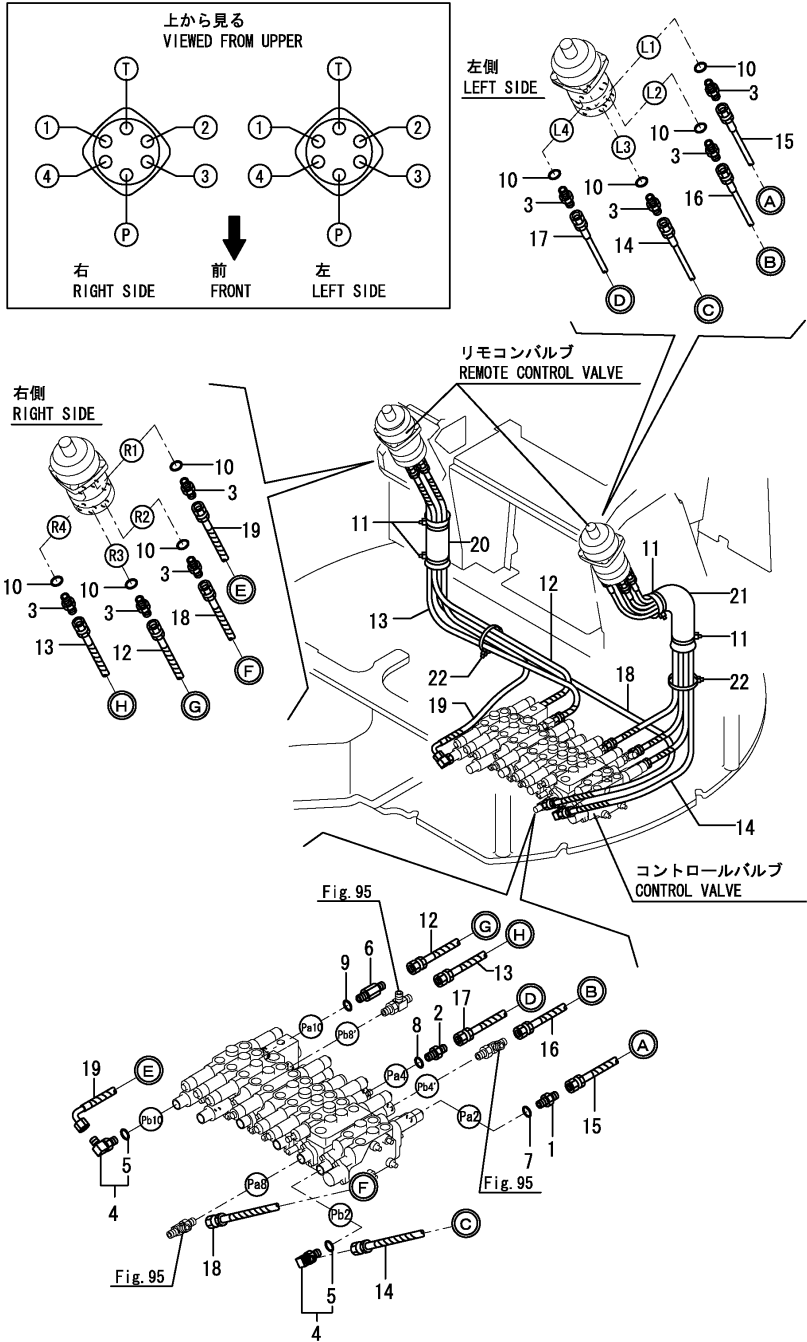
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2	2	2					
2	1	172187-76210	ELBOW	1	1	1					
2-1	1	172187-76211	ELBOW	1	1	1					N
(A=M34222) (B=M34222) (C=M34222)											
2-2	1	172162-76181	JOINT ASSY	1	1	1					S
(A=M36266) (B=M36266) (C=M36266)											
3	2	24315-000110	O-RING, 1BP11.0	1	1	1					
3-1	2	41851-000110	O-RING	1	1	1					N
(A=M34222) (B=M34222) (C=M34222)											
4	1	172455-76220	CONNECTOR	2	2	2					
5	1	24315-000110	O-RING, 1BP11.0	4	4	4					
5-1	1	41851-000110	O-RING	4	4	4					N
(A=M35460) (B=M35460) (C=M35460)											
6	1	172456-78350	HOSE	1	1	1					
7	1	172456-78360	HOSE	2	2	2					
8	1	172456-78410	HOSE	1	1	1					
9	1	23000-013000	CLAMP, 13	2	2	2					
10	1	172828-76330	CONNECTOR, 1/4X1/4	1	1					W	1
(A=M36266) (B=M36266)											

Remarks
(1)4-WAY MULTI SPEC.

Fig.102. CONTROL PIPING(REMOTE CONTROL V. - CONTROL V. : STD.,2-WAY SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

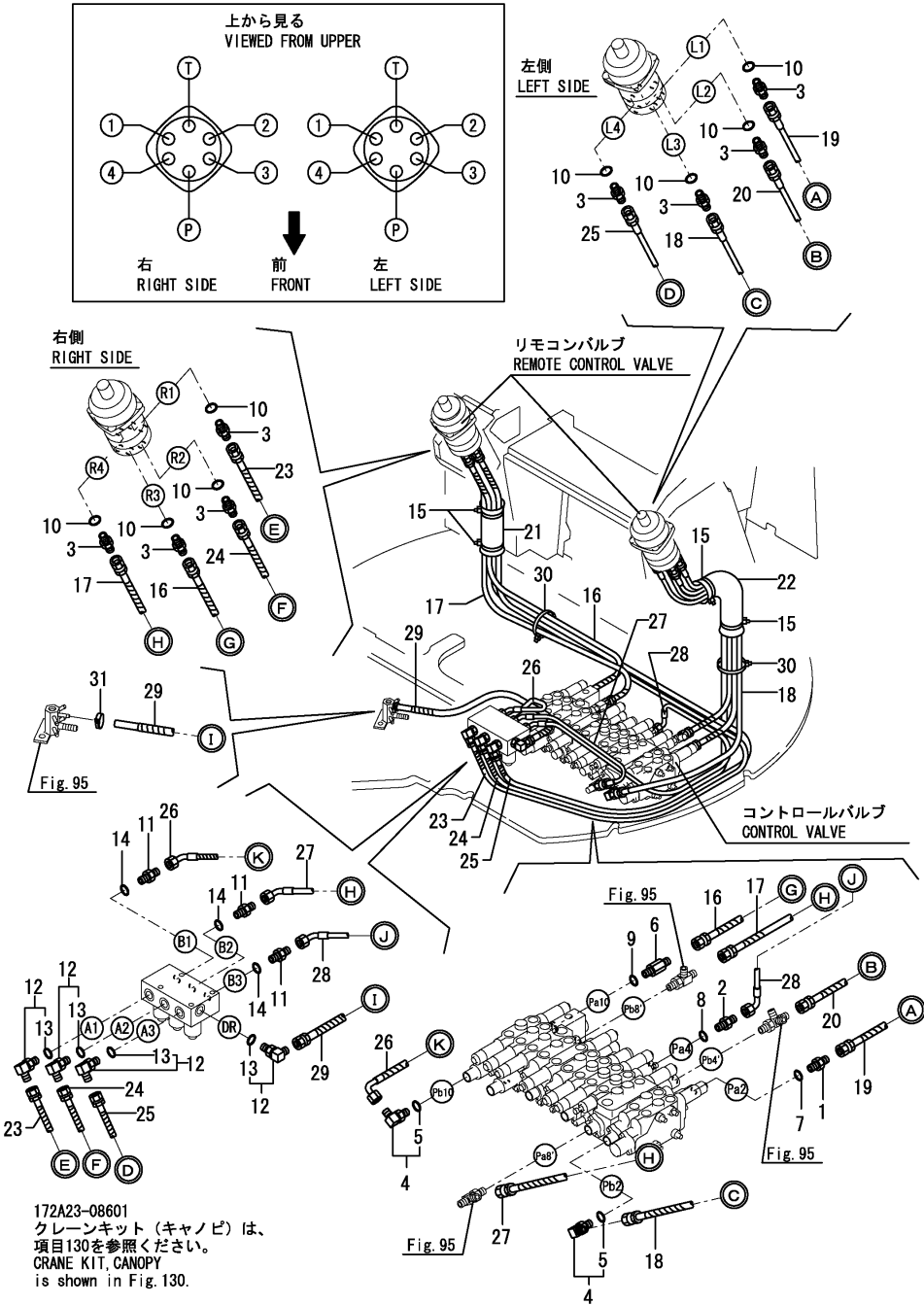


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1					
2	1	172123-76121	ADAPTER	1	1	1					
3	1	172123-76121	ADAPTER	8	8	8					
4	1	172141-76180	CONNECTOR ASSY	2	2	2					
4-1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2					N
(A=M35241) (B=M35241) (C=M35241)											
5	2	24315-000110	O-RING, 1BP11.0	2	2	2					
5-1	2	41851-000110	O-RING	2	2	2					N
(A=M35241) (B=M35241) (C=M35241)											
6	1	172183-76200	CONNECTOR	1	1	1					
7	1	24315-000110	O-RING, 1BP11.0	1	1	1					
7-1	1	41851-000110	O-RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
8	1	24315-000110	O-RING, 1BP11.0	1	1	1					
8-1	1	41851-000110	O-RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
9	1	24315-000110	O-RING, 1BP11.0	1	1	1					
9-1	1	41851-000110	O-RING	1	1	1					N
(A=M35460) (B=M35460) (C=M35460)											
10	1	24315-000110	O-RING, 1BP11.0	8	8	8					
10-1	1	41851-000110	O-RING	8	8	8					N
(A=M35460) (B=M35460) (C=M35460)											
11	1	172126-11510	BAND 300	4	4	4					
12	1	172458-78390	HOSE	1	1	1					
13	1	172458-78420	HOSE	1	1	1					
14	1	172456-78430	HOSE	1	1	1					
15	1	172456-78440	HOSE	1	1	1					
16	1	172456-78450	HOSE	1	1	1					
17	1	172456-78460	HOSE	1	1	1					
18	1	172456-78470	HOSE	1	1	1					
19	1	172456-78500	HOSE	1	1	1					
20	1	172458-78570	SPONGE, HOSE	1	1	1					
20-1	1	172458-78571	SPONGE, HOSE	1	1	1					N
(A=M33831) (B=M33831) (C=M33831)											
21	1	172444-78800	SPONGE, HOSE	1	1	1					
22	1	172122-79930	CLAMP, HOSE	2	2	2					

Fig.128. (102A)CONTROL PIPING(REMOTE C/V-C/V:STD.,2-WAY CRANE SPEC.)

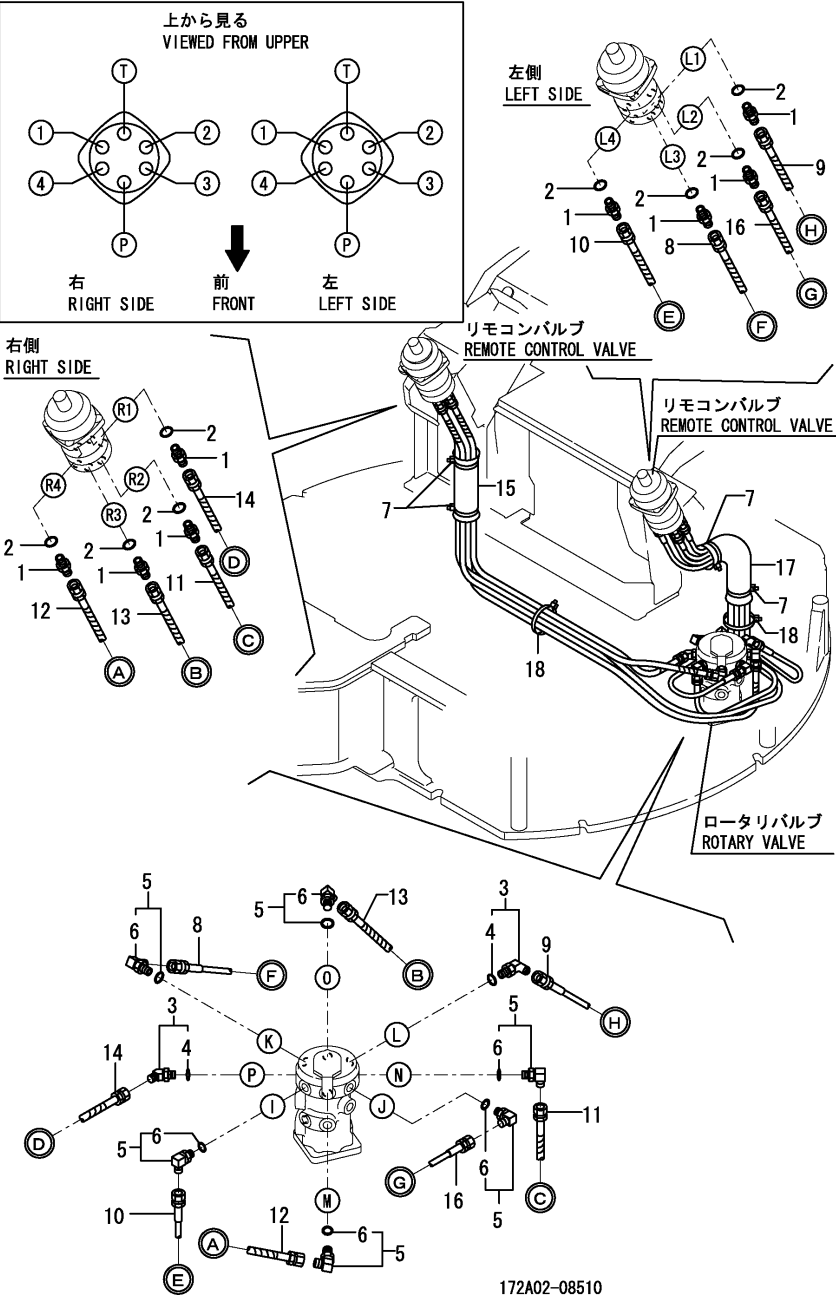
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER		1						
2	1	172123-76121	ADAPTER		1						
3	1	172123-76121	ADAPTER		8						
4	1	172141-76181	CONNECTOR ASSY, 02FF		2						
5	2	41851-000110	O-RING		2						
6	1	172183-76200	CONNECTOR		1						
7	1	41851-000110	O-RING		1						
8	1	41851-000110	O-RING		1						
9	1	41851-000110	O-RING		1						
10	1	41851-000110	O-RING		8						
11	1	172123-76121	ADAPTER		3						
12	1	172141-76181	CONNECTOR ASSY, 02FF		4						
13	2	41851-000110	O-RING		4						
14	1	24315-000110	O-RING, 1BP11.0		3						
15	1	172126-11510	BAND 300		4						
16	1	172458-78390	HOSE		1						
17	1	172458-78420	HOSE		1						
18	1	172456-78430	HOSE		1						
19	1	172456-78440	HOSE		1						
20	1	172456-78450	HOSE		1						
21	1	172458-78571	SPONGE, HOSE		1						
22	1	172444-78800	SPONGE, HOSE		1						
23	1	172A25-79100	HOSE		1						
24	1	172A25-79110	HOSE		1						
25	1	172A25-79120	HOSE		1						
26	1	172A25-79150	HOSE		1						
27	1	172A25-79160	HOSE		1						
28	1	172A25-79170	HOSE		1						
29	1	172A25-79180	HOSE		1						
30	1	172122-79930	CLAMP, HOSE		5						
31	1	23000-013000	CLAMP, 13		1						

Fig.103. CONTROL PIPING(REMOTE CONTROL V. - ROTARY V. : 4-WAY SPEC.)

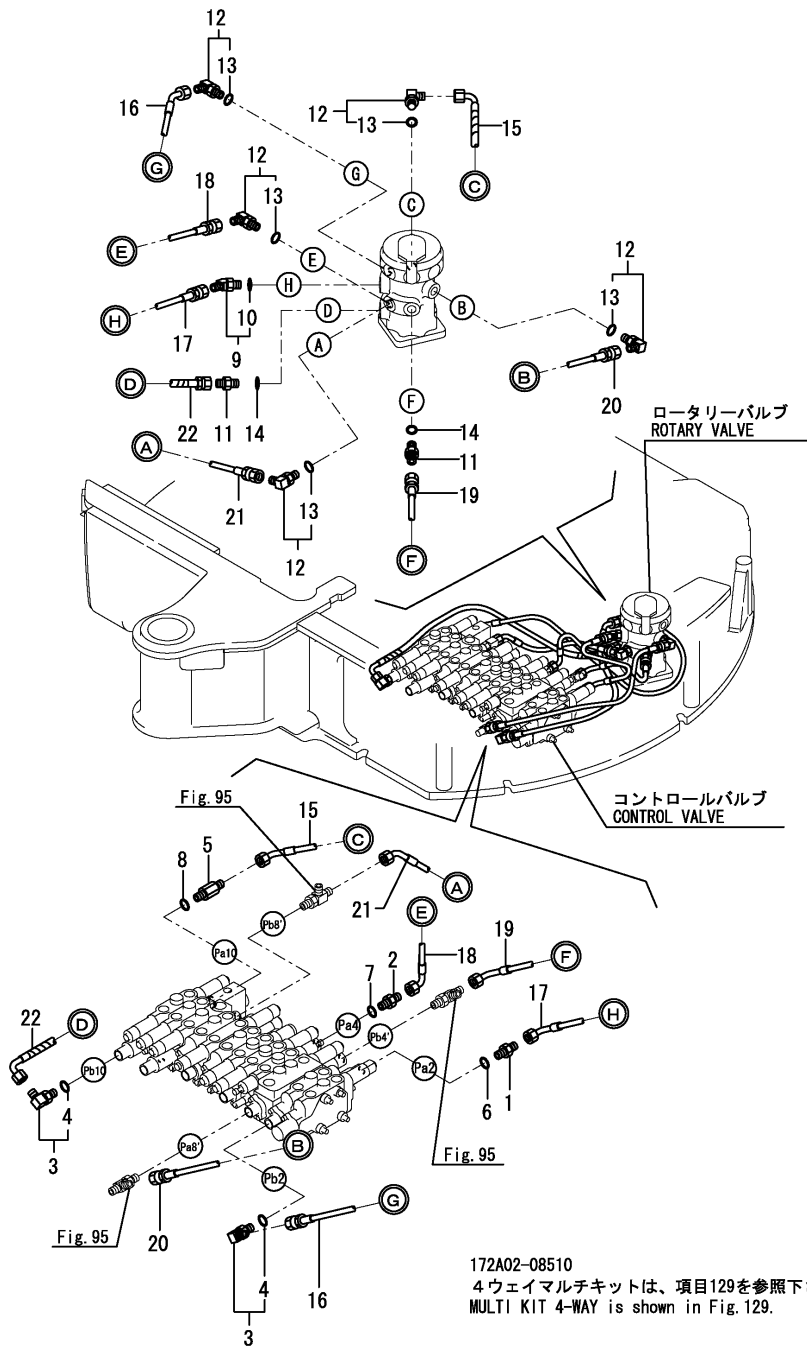


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	8	8						
2	1	24315-000110	O-RING, 1BP11.0	8	8						
2-1	1	41851-000110	O-RING	8	8						N
(A=M35460) (B=M35460)											
3	1	172173-76101	CONNECTOR ASSY	2	2						
3-1	1	172173-76102	CONNECTOR ASSY	2	2						N
(A=M35241) (B=M35241)											
4	2	24315-000110	O-RING, 1BP11.0	2	2						
4-1	2	41851-000110	O-RING	2	2						N
(A=M35241) (B=M35241)											
5	1	172141-76180	CONNECTOR ASSY	6	6						
5-1	1	172141-76181	CONNECTOR ASSY, 02FF	6	6						N
(A=M35241) (B=M35241)											
6	2	24315-000110	O-RING, 1BP11.0	6	6						
6-1	2	41851-000110	O-RING	6	6						N
(A=M35241) (B=M35241)											
7	1	172126-11510	BAND 300	4	4						
8	1	172456-78320	HOSE	1	1						
9	1	172456-78330	HOSE	1	1						
10	1	172456-78340	HOSE	1	1						
11	1	172456-78370	HOSE	1	1						
12	1	172456-78380	HOSE	1	1						
13	1	172456-78390	HOSE	1	1						
14	1	172456-78400	HOSE	1	1						
15	1	172458-78570	SPONGE, HOSE	1	1						
15-1	1	172458-78571	SPONGE, HOSE	1	1						N
(A=M33831) (B=M33831)											
16	1	172458-78790	HOSE	1	1						
17	1	172444-78800	SPONGE, HOSE	1	1						
18	1	172122-79930	CLAMP, HOSE	3	3						

Fig.104. CONTROL PIPING(ROTARY V. - CONTROL V. : 4-WAY SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

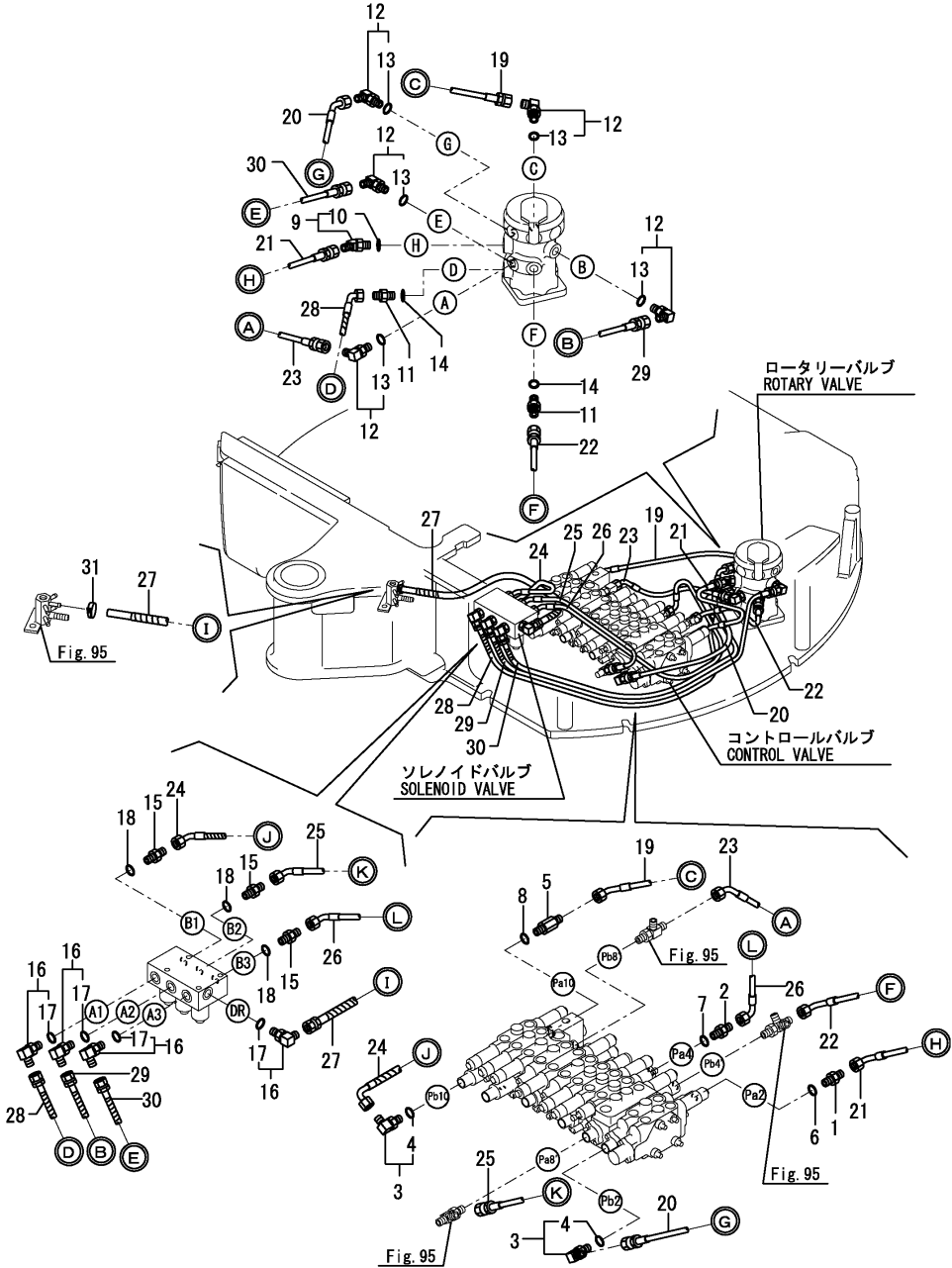


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1						
2	1	172123-76121	ADAPTER	1	1						
3	1	172141-76180	CONNECTOR ASSY	2	2						
3-1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2						N
(A=M35241) (B=M35241)											
4	2	24315-000110	O-RING, 1BP11.0	2	2						
4-1	2	41851-000110	O-RING	2	2						N
(A=M35241) (B=M35241)											
5	1	172183-76200	CONNECTOR	1	1						
6	1	24315-000110	O-RING, 1BP11.0	1	1						
6-1	1	41851-000110	O-RING	1	1						N
(A=M35460) (B=M35460)											
7	1	24315-000110	O-RING, 1BP11.0	1	1						
7-1	1	41851-000110	O-RING	1	1						N
(A=M35460) (B=M35460)											
8	1	24315-000110	O-RING, 1BP11.0	1	1						
8-1	1	41851-000110	O-RING	1	1						N
(A=M35460) (B=M35460)											
9	1	172173-76101	CONNECTOR ASSY	1	1						
9-1	1	172173-76102	CONNECTOR ASSY	1	1						N
(A=M35241) (B=M35241)											
10	2	24315-000110	O-RING, 1BP11.0	1	1						
10-1	2	41851-000110	O-RING	1	1						N
(A=M35241) (B=M35241)											
11	1	172123-76121	ADAPTER	2	2						
12	1	172141-76180	CONNECTOR ASSY	5	5						
12-1	1	172141-76181	CONNECTOR ASSY, 02FF	5	5						N
(A=M35241) (B=M35241)											
13	2	24315-000110	O-RING, 1BP11.0	5	5						
13-1	2	41851-000110	O-RING	5	5						N
(A=M35241) (B=M35241)											
14	1	24315-000110	O-RING, 1BP11.0	2	2						
14-1	1	41851-000110	O-RING	2	2						N
(A=M35460) (B=M35460)											
15	1	172456-78420	HOSE	1	1						
16	1	172458-78610	HOSE	1	1						
17	1	172458-78620	HOSE	1	1						
18	1	172458-78630	HOSE	1	1						
19	1	172458-78640	HOSE	1	1						
20	1	172458-78650	HOSE	1	1						
21	1	172458-78660	HOSE	1	1						
22	1	172458-78670	HOSE	1	1						

Fig.105. CONTROL PIPING(4-WAY V. - CONTROL V. : MULTI AND CRANE SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



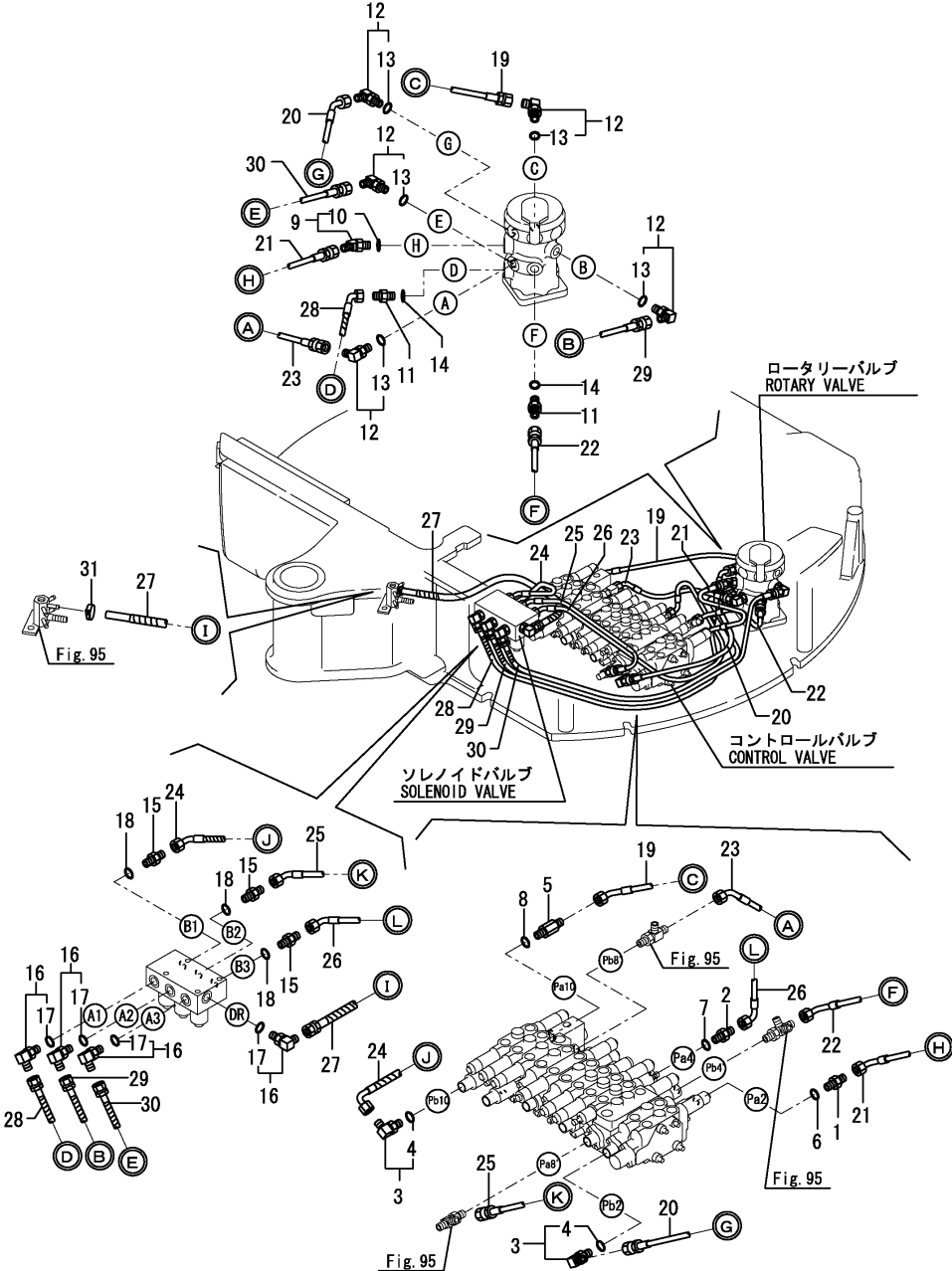
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER		1						
2	1	172123-76121	ADAPTER		1						
3	1	172141-76180	CONNECTOR ASSY		2						
3-1	1	172141-76181 (B=M35241)	CONNECTOR ASSY, 02FF		2						N
4	2	24315-000110	O-RING, 1BP11.0		2						
4-1	2	41851-000110 (B=M35241)	O-RING		2						N
5	1	172183-76200	CONNECTOR		1						
6	1	24315-000110	O-RING, 1BP11.0		1						
6-1	1	41851-000110 (B=M35460)	O-RING		1						N
7	1	24315-000110	O-RING, 1BP11.0		1						
7-1	1	41851-000110 (B=M35460)	O-RING		1						N
8	1	24315-000110	O-RING, 1BP11.0		1						
8-1	1	41851-000110 (B=M35460)	O-RING		1						N
9	1	172173-76101	CONNECTOR ASSY		1						
9-1	1	172173-76102 (B=M35241)	CONNECTOR ASSY		1						N
10	2	24315-000110	O-RING, 1BP11.0		1						
10-1	2	41851-000110 (B=M35241)	O-RING		1						N
11	1	172123-76121	ADAPTER		2						
12	1	172141-76180	CONNECTOR ASSY		5						
12-1	1	172141-76181 (B=M35241)	CONNECTOR ASSY, 02FF		5						N
13	2	24315-000110	O-RING, 1BP11.0		5						
13-1	2	41851-000110 (B=M35241)	O-RING		5						N
14	1	24315-000110	O-RING, 1BP11.0		2						
14-1	1	41851-000110 (B=M35460)	O-RING		2						N
15	1	172123-76121	ADAPTER		3						
16	1	172141-76180	CONNECTOR ASSY		4						
16-1	1	172141-76181 (B=M35241)	CONNECTOR ASSY, 02FF		4						N
17	2	24315-000110	O-RING, 1BP11.0		4						
17-1	2	41851-000110 (B=M35241)	O-RING		4						N
18	1	24315-000110	O-RING, 1BP11.0		3						
19	1	172456-78420	HOSE		1						
20	1	172458-78610	HOSE		1						
21	1	172458-78620	HOSE		1						
22	1	172458-78640	HOSE		1						
23	1	172458-78660	HOSE		1						
24	1	172A25-79150	HOSE		1						
25	1	172A25-79160	HOSE		1						
26	1	172A25-79170	HOSE		1						
27	1	172A25-79180	HOSE		1						

Fig.105. CONTROL PIPING(4-WAY V. - CONTROL V. : MULTI AND CRANE SPEC.)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

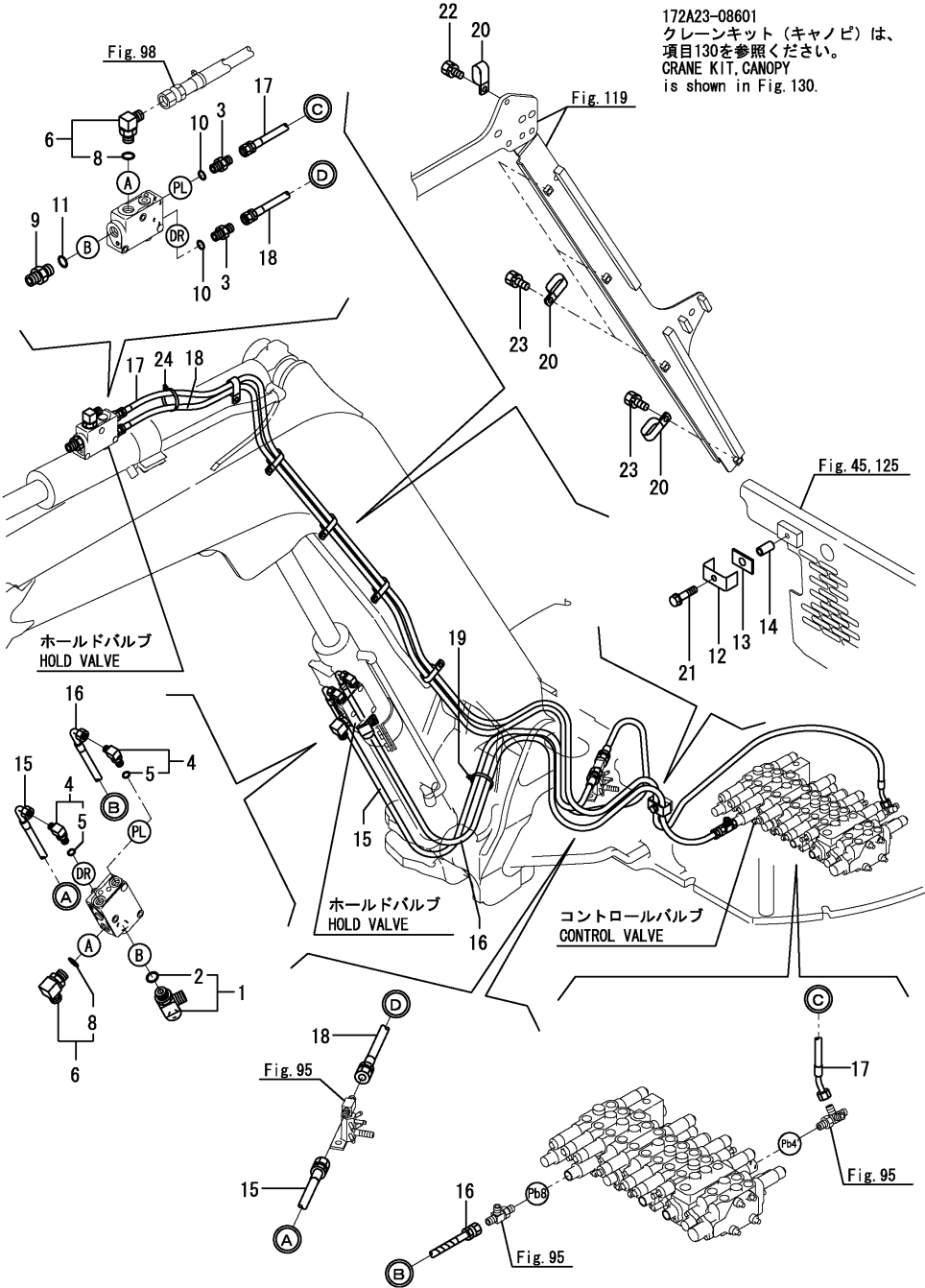
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28	1	172A25-79250	HOSE		1						
29	1	172A25-79260	HOSE		1						
30	1	172A25-79270	HOSE		1						
31	1	23000-013000	CLAMP, 13		1						



172A23-08601
クレーンキット (キャノピ) は、項目130を参照ください。
CRANE KIT, CANOPY is shown in Fig. 130.

Fig.106. CONTROL PIPING(HOLD VALVE : CRANE SPEC.)

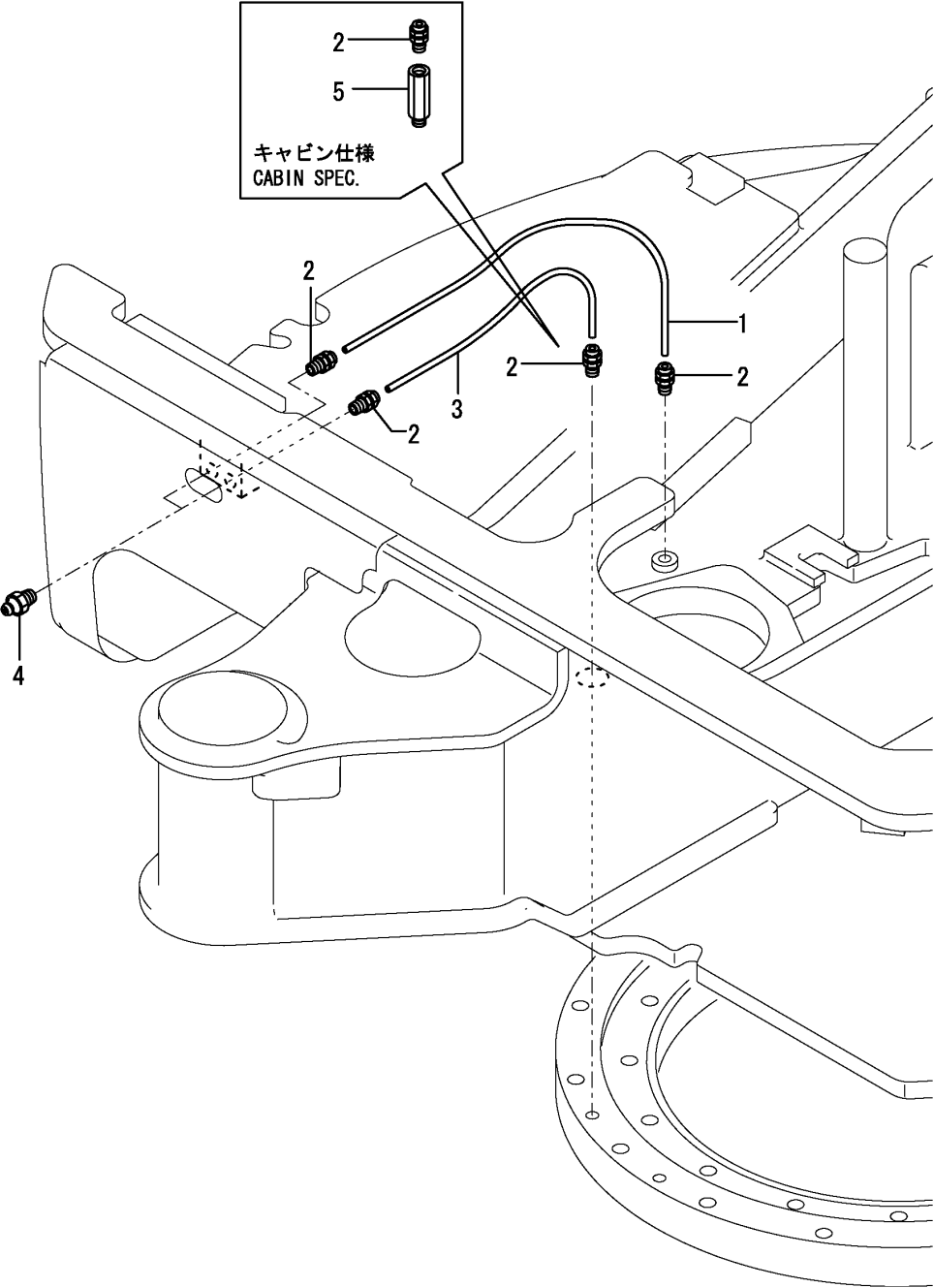


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-76100	TEE, ADJUSTABLE		1						
2	2	24315-000180	O-RING, 1BP18.0		1						
3	1	172123-76121	ADAPTER		2						
4	1	172141-76180	CONNECTOR ASSY		2						
4-1	1	172141-76181	CONNECTOR ASSY, 02FF		2						N
		(B=M35241)									
5	2	24315-000110	O-RING, 1BP11.0		2						
5-1	2	41851-000110	O-RING		2						N
		(B=M35241)									
6	1	172157-76300	ELBOW ASSY		2						
8	2	24315-000180	O-RING, 1BP18.0		2						
9	1	172112-77361	CONNECTOR		1						
10	1	24315-000110	O-RING, 1BP11.0		2						
10-1	1	41851-000110	O-RING		2						N
		(B=M35460)									
11	1	24315-000180	O-RING, 1BP18.0		1						
11-1	1	41851-000180	O RING		1						N
		(B=M35460)									
12	1	172156-78460-6	CLAMP, HOSE		1						
13	1	172156-78490	PLATE, RUBBER (B		2						
14	1	172156-78540	COLLAR, 9X18		1						
15	1	172A23-79190	HOSE		1						
16	1	172A23-79200	HOSE		1						
17	1	172A23-79210	HOSE		1						
18	1	172A23-79220	HOSE		1						
19	1	172122-79930	CLAMP, HOSE		5						
20	1	1E6212-82820	CLIP 173219		5						
21	1	26013-080302	BOLT, M8X 30		1						
22	1	26013-100162	BOLT, M10X 16		1						
23	1	26013-100202	BOLT, M10X 20		4						
24	1	172126-11510	BAND 300		1						W
		(B=M35243)									

Fig.107. GREASING



0CK10-M39703

Fig.107

(A)=VIO20-3 C(JP)

(B)=VIO20-3 P(JP)

(C)=VIO20-3 P(EX)

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-77100	HOSE	1	1	1					
2	1	172141-77800	JOINT, GREASE	4	4	4					
3	1	172151-77801	HOSE	1	1	1					
4	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
5	1	172312-77820	FITTING, GREASE	1							Z
(A=M30501)											

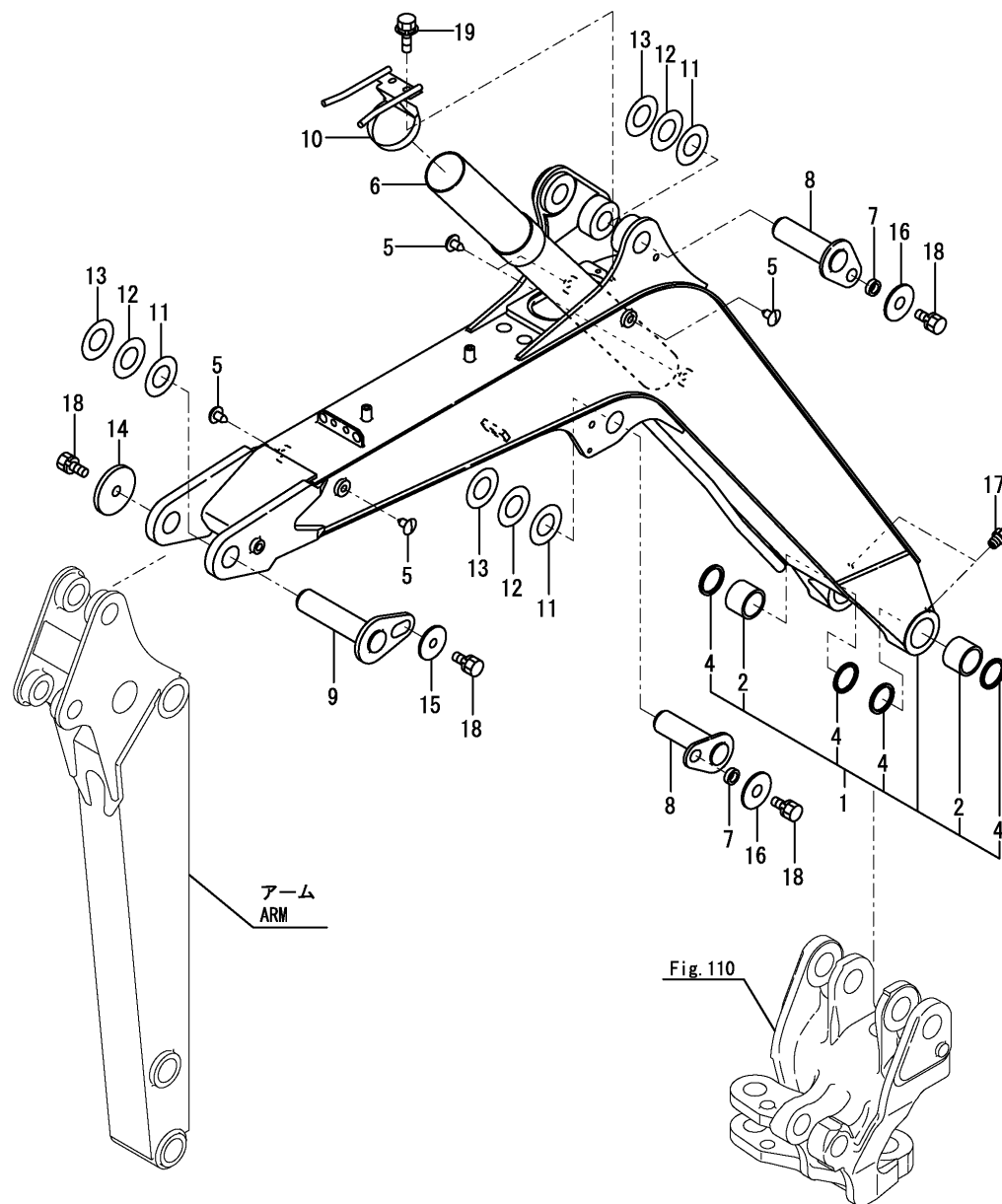


Fig. 110

No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-81090	BOOM ASSY	1	1	1					
1-1	1	172A23-81090-Y	BOOM ASSY	1	1	1					S
		(A=M38501)	(B=M38501)	(C=M38501)							
2	2	172168-72400	BUSH 45X55X40	2	2	2					
4	2	172168-81410	SEAL, DUST	4	4	4					
5	1	172183-81170	CLIP, TREE	5	5	5					
5-1	1	172176-68210	CLIP, TREE	5	5	5					N
		(A=M/#31299)	(B=M/#31299)	(C=M/#31299)							
6	1	172456-81450	PIPE ASSY, PROTECT	1	1	1					
7	1	172164-81670	SPACER	2	2	2					
8	1	172456-81710	PIN 40X134	2	2	2					
9	1	172456-81740	PIN 40X167.5 ASSY	1	1	1					
10	1	172458-81751	CLAMP, PIPE	1	1	1					
10-1	1	172458-81751-Y	CLAMP, PIPE	1	1	1					S
		(A=M38501)	(B=M38501)	(C=M38501)							
11	1	172165-82580	SHIM	3	3	3					
12	1	172165-82590	SHIM	3	3	3					
13	1	172165-82600	SHIM	3	3	3					
14	1	172146-82910	SPACER	1	1	1					
15	1	172444-82990	WASHER	1	1	1					
16	1	22157-120000	WASHER, 12	2	2	2					
17	1	24761-050000	NIPPLE, GREASE C	2	2	2					
18	1	26013-120252	BOLT, M12X 25	4	4	4					
19	1	26014-080162	BOLT, M8X 16	2	2	2					

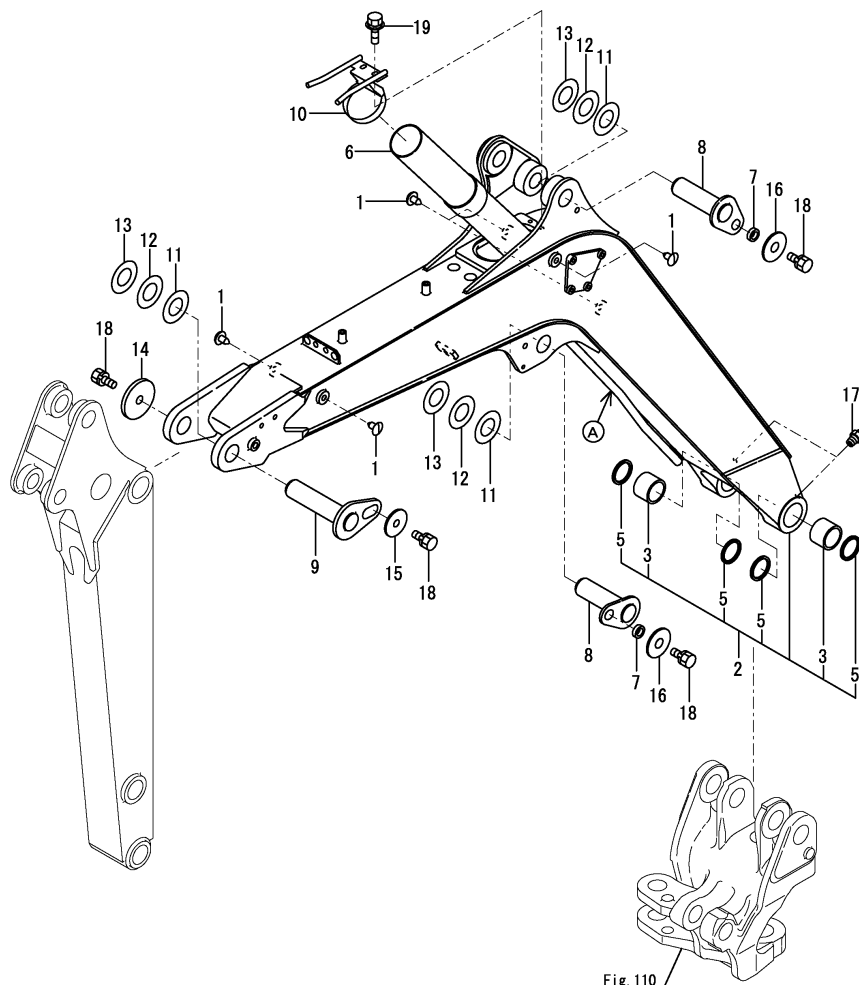


Fig. 110

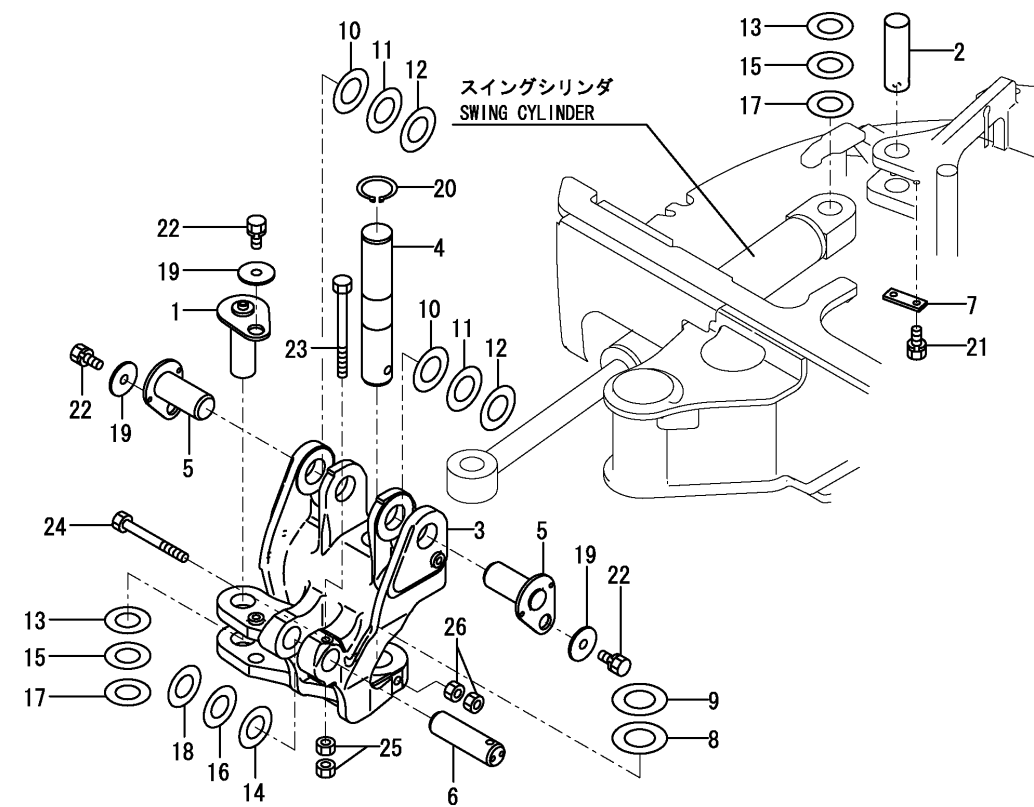
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-68210	CLIP, TREE (B=MXXXXX)		5						Z
2	1	172A23-81050	BOOM ASSY, CRANE		1						
2-1	1	172A23-81050-Y	BOOM ASSY, CRANE (B=M38501)		1						S
2-2	1	172A23-81051	BOOM ASSY,CRANE (B=M3A362)		1						F 1
3	2	172168-72400	BUSH 45X55X40		2						
5	2	172168-81410	SEAL, DUST		4						
6	1	172456-81450	PIPE ASSY, PROTECT		1						
7	1	172164-81670	SPACER		2						
8	1	172456-81710	PIN 40X134		2						
9	1	172456-81740	PIN 40X167.5 ASSY		1						
10	1	172458-81751	CLAMP, PIPE		1						
10-1	1	172458-81751-Y	CLAMP, PIPE (B=M38501)		1						S
11	1	172165-82580	SHIM		3						
12	1	172165-82590	SHIM		3						
13	1	172165-82600	SHIM		3						
14	1	172146-82910	SPACER		1						
15	1	172444-82990	WASHER		1						
16	1	22157-120000	WASHER, 12		2						
17	1	24761-050000	NIPPLE, GREASE C		2						
18	1	26013-120252	BOLT, M12X 25		4						
19	1	26014-080162	BOLT, M8X 16		2						

(1)A=No.2-1 have a pipe and there is no pipe in No.2-2.
Interchangeable by simultaneous replacement with Fig.19 No.16-1, Fig.119 No.7-2.

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

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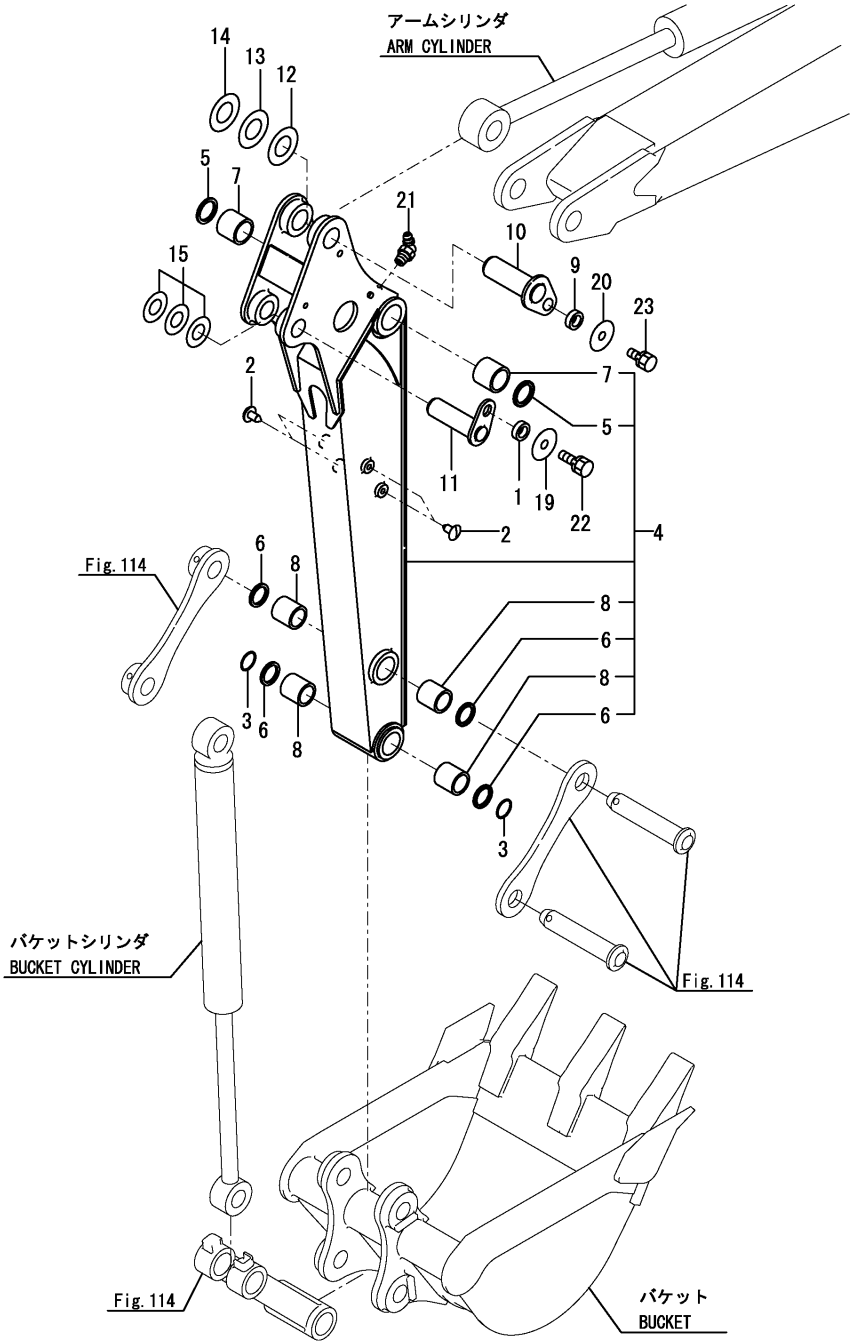
Fig.110. BOOM BRACKET



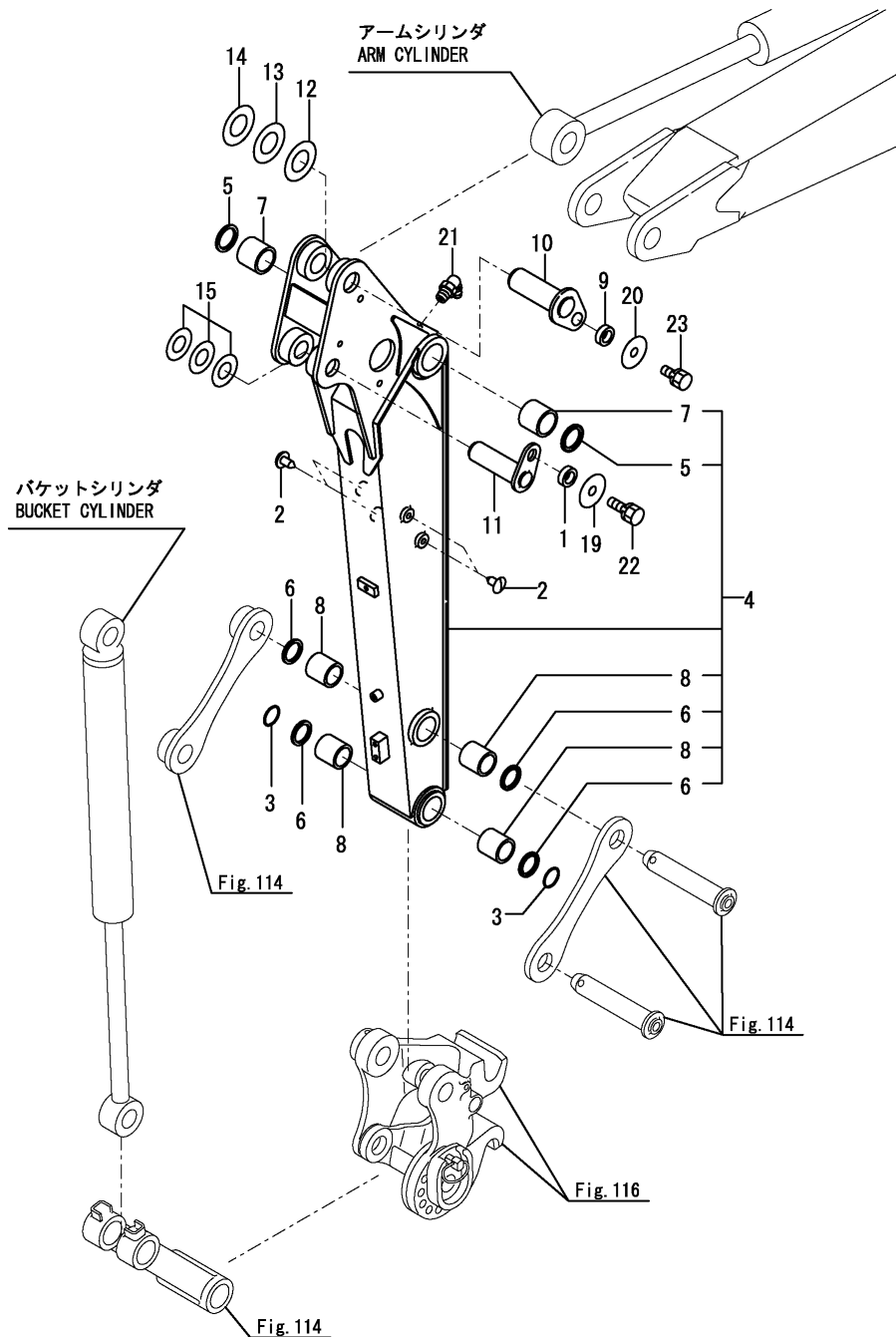
OCK10-M39703 Fig.110												
(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)												
(D)= (E)= (F)=												
No.	Lev.	Parts No.	Description	Q'ty				I R				
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172456-81900	PIN 40X103	1	1	1						
2	1	172458-81920	PIN	1	1	1						
3	1	172456-82300	BRACKET, BOOM	1	1	1						
3-1	1	172456-82300-Y	BRACKET, BOOM	1	1	1				S		
		(A=M38501)	(B=M38501)	(C=M38501)								
4	1	172456-82330	PIN 50X264	1	1	1						
5	1	172456-82340	PIN 45X98	2	2	2						
6	1	172456-82360	PIN 40X124	1	1	1						
6-1	1	172456-82361	PIN 40X124	1	1	1				N		
		(A=M34875)	(B=M34875)	(C=M34875)								
7	1	172456-82400	PLATE, LOCK	1	1	1						
7-1	1	172456-82400-3	PLATE, LOCK	1	1	1				S		
		(A=M/#33092)	(B=M/#33092)	(C=M/#32643)								
8	1	172165-82520	SHIM	1	1	1						
9	1	172165-82530	SHIM	1	1	1						
10	1	172165-82550	SHIM	2	2	2						
11	1	172165-82560	SHIM	2	2	2						
12	1	172165-82570	SHIM	2	2	2						
13	1	172165-82580	SHIM	2	2	2						
14	1	172165-82580	SHIM	1	1	1						
15	1	172165-82590	SHIM	2	2	2						
16	1	172165-82590	SHIM	1	1	1						
17	1	172165-82600	SHIM	2	2	2						
18	1	172165-82600	SHIM	1	1	1						
19	1	22157-120000	WASHER, 12	3	3	3						
20	1	22242-000500	RING, 50	1	1	1						
21	1	26013-100202	BOLT, M10X 20	2	2	2						
22	1	26013-120252	BOLT, M12X 25	3	3	3						
23	1	26116-121102	BOLT, M12X110 PLATED	1	1	1						
24	1	26206-141502	BOLT, M14X150 PLATED	1	1	1						
25	1	26716-120002	NUT, M12	2	2	2						
26	1	26716-140002	NUT, M14	2	2	2						

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

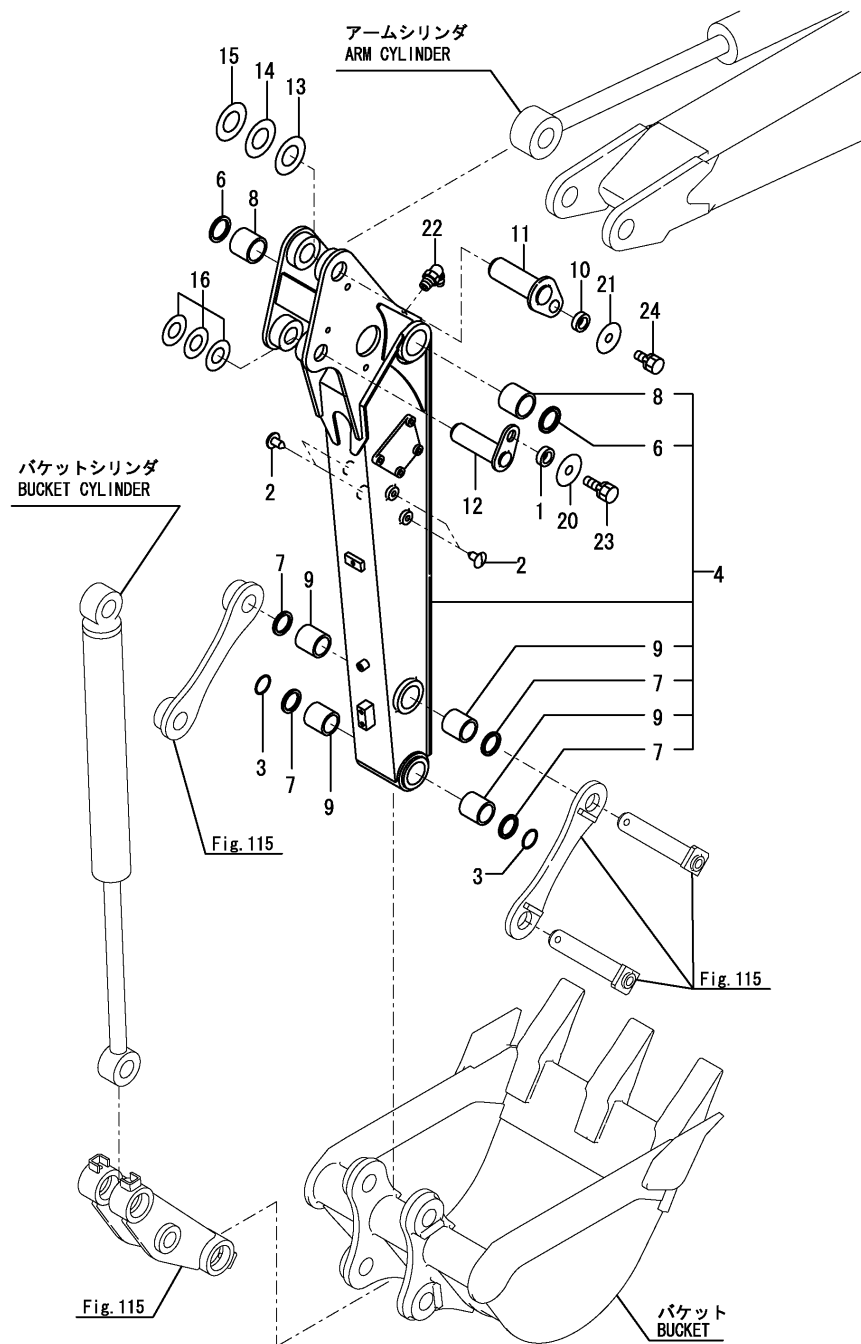


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	1	1						
2	1	172183-81160	CLIP, TREE	4	4						
3	1	172171-81270	O-RING, 61X6.0	2	2						
4	1	172456-81490	ARM ASSY, 950	1	1						W
(A=M/#32722) (B=M/#32722)											
4-1	1	172456-81491-1	ARM ASSY, 950	1	1						N
(A=M37001) (B=M37001)											
4-2	1	172456-81491-Y	ARM ASSY, 950	1	1						S
(A=M38501) (B=M38501)											
5	2	172448-72650	SEAL, DUST	2	2						
6	2	172448-81610	SEAL, DUST 35X45X4	4	4						
7	2	172456-81650	BUSHING 40X50X45	2	2						
8	2	172141-82270	BUSH 35 45	4	4						
9	1	172164-81670	SPACER	1	1						
10	1	172456-81770	PIN 40X116 ASSY	1	1						
11	1	172456-81810	PIN 35X116 ASSY	1	1						
12	1	172165-82580	SHIM	1	1						
13	1	172165-82590	SHIM	1	1						
14	1	172165-82600	SHIM	1	1						
15	1	172141-84601	SHIM	1	1						
19	1	22157-100000	WASHER, 10	1	1						
20	1	22157-120000	WASHER, 12	1	1						
21	1	24761-040000	NIPPLE, GREASE B	1	1						
22	1	26013-100252	BOLT, M10X 25	1	1						
23	1	26013-120252	BOLT, M12X 25	1	1						



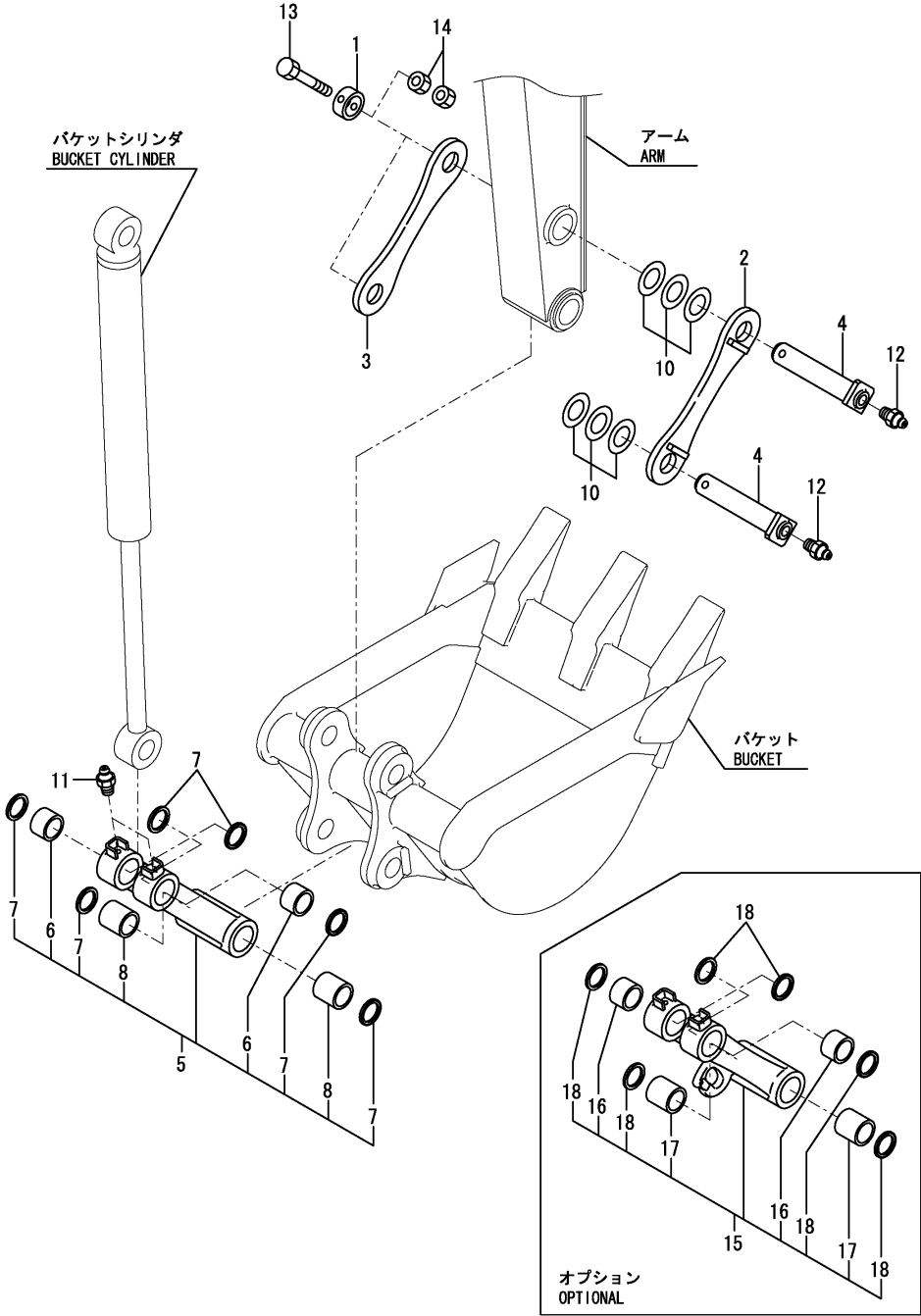
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	1	1	1					
2	1	172183-81160	CLIP, TREE	4	4	4					
3	1	172171-81270	O-RING, 61X6.0	2	2	2					
4	1	172956-81490	ARM ASSY, 950	1	1	1					W
		(A=M/#32722)	(B=M/#32722)	(C=M/#32722)							
4-1	1	172956-81490-Y	ARM ASSY, 950	1	1	1					S
		(A=M38501)	(B=M38501)	(C=M38501)							
5	2	172448-72650	SEAL, DUST	2	2	2					
6	2	172448-81610	SEAL, DUST 35X45X4	4	4	4					
7	2	172456-81650	BUSHING 40X50X45	2	2	2					
8	2	172141-82270	BUSH 35 45	4	4	4					
9	1	172164-81670	SPACER	1	1	1					
10	1	172456-81770	PIN 40X116 ASSY	1	1	1					
11	1	172456-81810	PIN 35X116 ASSY	1	1	1					
12	1	172165-82580	SHIM	1	1	1					
13	1	172165-82590	SHIM	1	1	1					
14	1	172165-82600	SHIM	1	1	1					
15	1	172141-84601	SHIM	1	1	1					
19	1	22157-100000	WASHER, 10	1	1	1					
20	1	22157-120000	WASHER, 12	1	1	1					
21	1	24761-040000	NIPPLE, GREASE B	1	1	1					
22	1	26013-100252	BOLT, M10X 25	1	1	1					
23	1	26013-120252	BOLT, M12X 25	1	1	1					

Fig.113. ARM(CRANE SPEC.)



No.	Lev.	Parts No.	Description	(A)=VIO20-3 C(JP)	(D)=	I	R
				(B)=VIO20-3 P(JP)	(E)=		
				(C)=VIO20-3 P(EX)	(F)=		
				(A)	(B)	Q'ty	
				(C)	(D)	(E)	(F)
1	1	172010-01640	SPACER		1		
2	1	172183-81160	CLIP, TREE		4		
3	1	172171-81270	O-RING, 61X6.0		2		
4	1	172A23-81500	ARM ASSY, CRANE 950		1		
4-1	1	172A23-81500-Y	ARM ASSY, CRANE 950		1		S
				(B=M38501)			
6	2	172448-72650	SEAL, DUST		2		
7	2	172448-81610	SEAL, DUST 35X45X4		4		
8	2	172456-81650	BUSHING 40X50X45		2		
9	2	172141-82270	BUSH 35 45		4		
10	1	172164-81670	SPACER		1		
11	1	172456-81770	PIN 40X116 ASSY		1		
12	1	172456-81810	PIN 35X116 ASSY		1		
13	1	172165-82580	SHIM		1		
14	1	172165-82590	SHIM		1		
15	1	172165-82600	SHIM		1		
16	1	172141-84601	SHIM		1		
20	1	22157-100000	WASHER, 10		1		
21	1	22157-120000	WASHER, 12		1		
22	1	24761-040000	NIPPLE, GREASE B		1		
23	1	26013-100252	BOLT, M10X 25		1		
24	1	26013-120252	BOLT, M12X 25		1		

OCK10-M39703 IMPLEMENT
Fig.114. BUCKET ARM & LINK

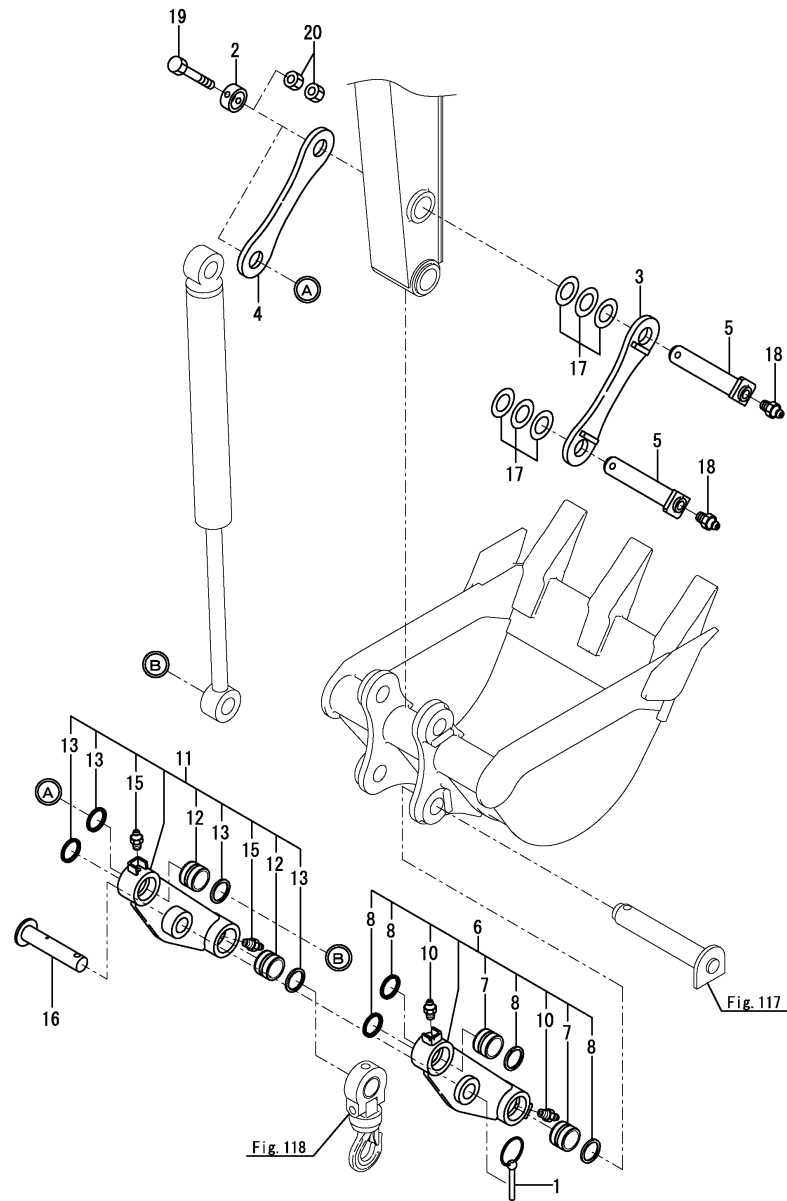


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172171-81500	COLLAR, 35X48.6X22	2	2	2					
2	1	172456-82701	ARM, BUCKET	1	1	1					
2-1	1	172456-82701-Y	ARM, BUCKET	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
3	1	172456-82710	ARM, BUCKET	1	1	1					
3-1	1	172456-82710-Y	ARM, BUCKET	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
4	1	172456-82831	PIN 35X160 ASSY	2	2	2					
5	1	172141-84403	LINK ASSY, BUCKET	1	1	1					
5-1	1	172141-84403-Y	LINK ASSY, BUCKET	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
6	2	172141-72561	BUSH (35-45-30)	2	2	2					
7	2	172448-81610	SEAL, DUST 35X45X4	6	6	6					
8	2	172141-82270	BUSH 35 45	2	2	2					
10	1	172141-84601	SHIM	2	2	2					
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
13	1	26116-100652	BOLT, M10X 65 PLATED	2	2	2					
14	1	26716-100002	NUT, M10	4	4	4					
15	1	172A23-84300	LINK F ASSY, BUCKET	1	1	1					
15-1	1	172A23-84300-Y	LINK F ASSY, BUCKET	1	1	1					S
(A=M38501) (B=M38501) (C=M38501)											
16	2	172141-72561	BUSH (35-45-30)	2	2	2					
17	2	172141-82270	BUSH 35 45	2	2	2					
18	2	172448-81610	SEAL, DUST 35X45X4	6	6	6					

Fig.115. BUCKET ARM & LINK(CRANE SPEC.)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

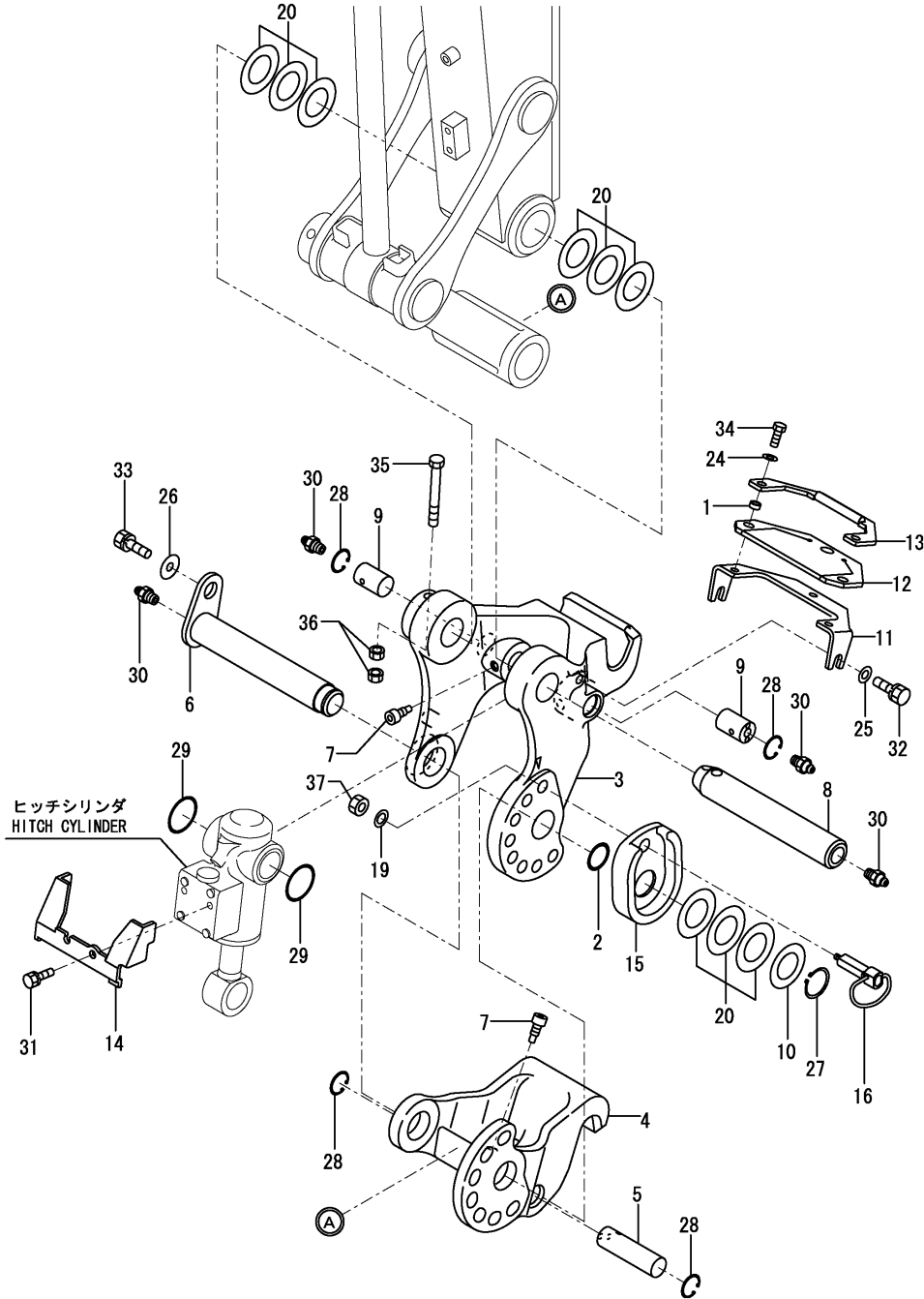
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	794130-71410	PIN ASSY, BALL		1						
2	1	172171-81500	COLLAR, 35X48.6X22		2						
3	1	172456-82701	ARM, BUCKET		1						
3-1	1	172456-82701-Y (B=M38501)	ARM, BUCKET		1						S
4	1	172456-82710	ARM, BUCKET		1						
4-1	1	172456-82710-Y (B=M38501)	ARM, BUCKET		1						S
5	1	172456-82831	PIN 35X160 ASSY		2						
6	1	172A23-84400	LINK ASSY, BUCKET		1						
6-1	1	172A23-84400-Y (B=M38501)	LINK ASSY, BUCKET		1						S
7	2	172141-72561	BUSH (35-45-30		2						
8	2	172448-81610	SEAL, DUST 35X45X4		4						
10	2	24761-020000	NIPPLE, GREASE PT1/8		2						
11	1	172A23-84450	LINK, BUCKET		1						
11-1	1	172A23-84450-Y (B=M38501)	LINK, BUCKET		1						S
12	2	172141-72561	BUSH (35-45-30		2						
13	2	172448-81610	SEAL, DUST 35X45X4		4						
15	2	24761-020000	NIPPLE, GREASE PT1/8		2						
16	1	172425-84470	PIN		1						
16-1	1	172425-84471 (B=M3A588)	PIN ASSY, HOOK		1						N
17	1	172141-84601	SHIM		2						
18	1	24761-020000	NIPPLE, GREASE PT1/8		2						
19	1	26116-100652	BOLT, M10X 65 PLATED		2						
20	1	26716-100002	NUT, M10		4						

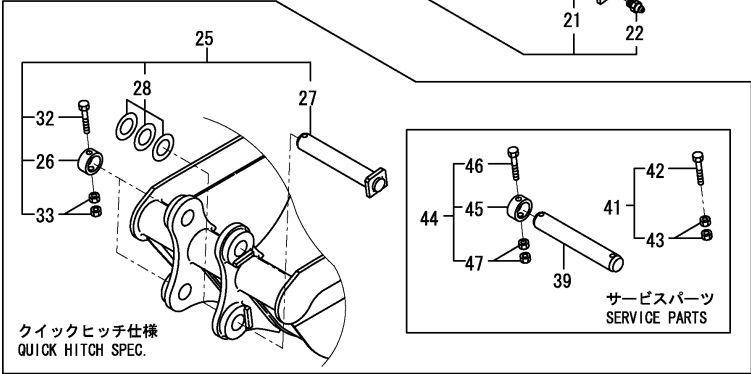
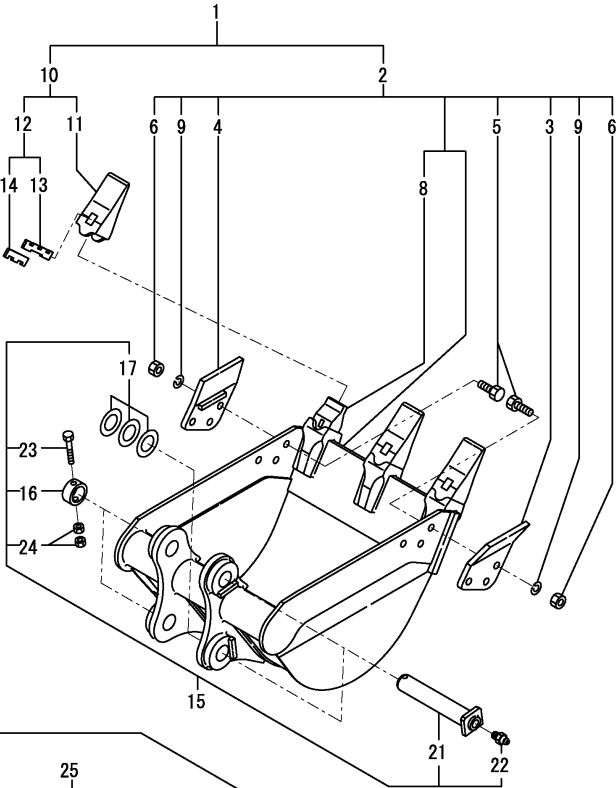
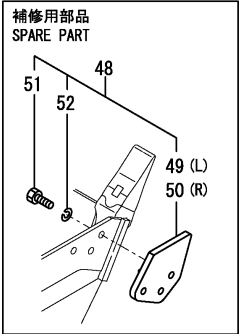
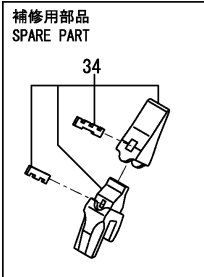
Remarks
* Crane kit(canopy) is shown in Fig.130.

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17120	COLLAR	3	3	3					
1-1	1	172958-17121	COLLAR, 9X4	3	3	3				N	
(A=M35124) (B=M35124) (C=M35124)											
2	1	172124-46200	O-RING	1	1	1					
3	1	172956-83102	BRACKET	1	1	1					
3-1	1	172956-83102-Y	BRACKET	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
4	1	172956-83112	BRACKET	1	1	1					
4-1	1	172956-83112-Y	BRACKET	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
5	1	172958-83130	PIN	1	1	1					
5-1	1	172958-83131	PIN	1	1	1				N	
(A=M35500) (B=M35500) (C=M35500)											
6	1	172956-83140	PIN ASSY 35X213.5	1	1	1					
7	1	172958-83140	BOLT	3	3	3					
8	1	172956-83160	PIN 35X218	1	1	1					
9	1	172956-83200	PIN 25-38	2	2	2					
10	1	172956-83221	COLLAR, 32.5X55X1.2	1	1	1					
11	1	172956-83252	GUARD ASSY	1	1	1					
11-1	1	172956-83252-Y	GUARD ASSY	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
12	1	172956-83281	PLATE, RUBBER	1	1	1					
13	1	172956-83291	PLATE ASSY	1	1	1					
13-1	1	172956-83291-Y	PLATE ASSY	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
14	1	172958-83292	COVER, HITCH	1	1	1					
14-1	1	172958-83292-N	COVER, HITCH	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
15	1	172956-83350	PLATE, LOCK	1	1	1					
15-1	1	172956-83350-Y	PLATE, LOCK	1	1	1				S	
(A=M38501) (B=M38501) (C=M38501)											
16	1	172956-83361	PIN ASSY, LOCK	1	1	1					
19	1	172956-83381	WASHER, 6.4X14X1.5	1	1	1					
20	1	172141-84601	SHIM	3	3	3					
24	1	22137-080000	WASHER, 8	3	3	3					
25	1	22137-100000	WASHER, 10	2	2	2					
26	1	22157-100000	WASHER, 10	1	1	1					
27	1	22242-000320	RING, 32	1	1	1					
28	1	22252-000250	RING, 25	4	4	4					
29	1	24311-000400	O-RING, 1AP40.0	2	2	2					
30	1	24761-020000	NIPPLE, GREASE PT1/8	4	4	4					
31	1	26013-080162	BOLT, M8X 16	2	2	2					
32	1	26013-100202	BOLT, M10X 20	2	2	2					
33	1	26013-100252	BOLT, M10X 25	1	1	1					
34	1	26116-080202	BOLT, M8X 20 PLATED	3	3	3					
34-1	1	26116-080252	BOLT, M8X 25 PLATED	3	3	3				N	
(A=M35241) (B=M35241) (C=M35241)											
35	1	26116-100802	BOLT, M10X 80 PLATED	1	1	1					
36	1	26716-100002	NUT, M10	2	2	2					
37	1	26756-060002	NUT, LOCK M6	1	1	1					

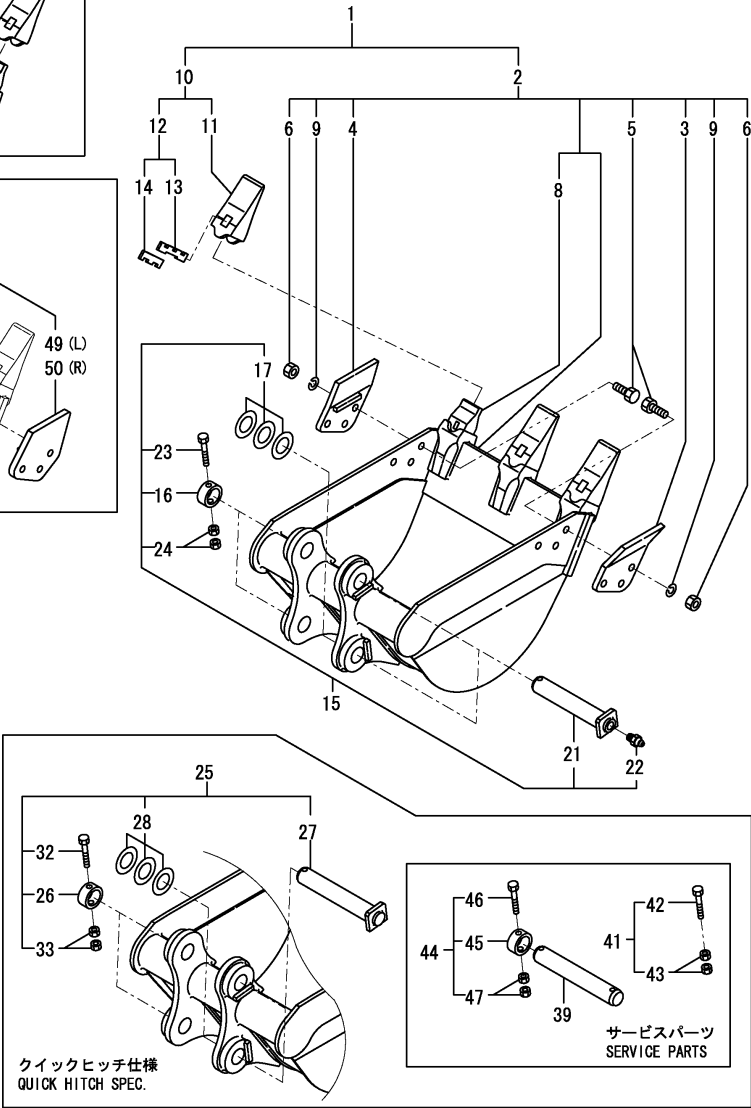
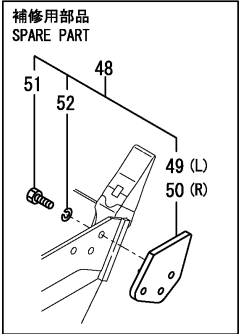
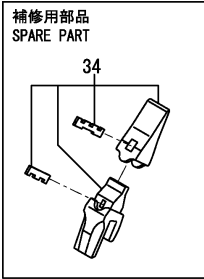


(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-82501	BUCKET ASSY, 490S	1	1	1					
1-1	1	172456-82502	BUCKET ASSY, 490S	1	1	1				N	
		(A=M37001) (B=M37001) (C=M37001)									
1-2	1	172456-82502-2	BUCKET ASSY, 490S	1	1	1				S	
		(A=M38501) (B=M38501) (C=M38501)									
2	2	172456-82690	BUCKET ASSY, 490S	1	1	1				W	
		(A=M/#32797) (B=M/#32797)									
2-1	2	172456-82691	BUCKET ASSY, 490S	1	1	1				N	
		(A=M37001) (B=M37001) (C=M37001)									
2-2	2	172456-82691-2	BUCKET ASSY, 490S	1	1	1				S	
		(A=M38501) (B=M38501) (C=M38501)									
3	3	172458-82240	CUTTER, SIDE	1	1	1					
3-1	3	172458-82240-4	CUTTER, SIDE	1	1	1				S	
		(A=M38501) (B=M38501) (C=M38501)									
4	3	172458-82260	CUTTER, SIDE	1	1	1					
4-1	3	172458-82260-4	CUTTER, SIDE	1	1	1				S	
		(A=M38501) (B=M38501) (C=M38501)									
5	3	172458-82280	BOLT	6	6	6					
6	3	172458-82290	NUT	6	6	6					
8	4	172448-82530	ADAPTER	3	3	3					
9	3	22217-140000	WASHER, SPRING 14	6	6	6					
10	2	172448-82950	TOOTH KIT, POINT	3	3	3					
11	3	172448-82570	TOOTH, POINT	3	3	3					
12	3	172448-82960	PIN ASSY, LOCK	3	3	3					
13	4	172448-82580	PIN, LOCK	3	3	3					
14	4	172448-82590	RUBBER, PIN	3	3	3					
15	1	172456-82900	PIN KIT, BUCKET	2	2						
16	2	172171-81500	COLLAR, 35X48.6X22	2	2						
17	2	172141-84601	SHIM	2	2						
21	2	172141-86252	PIN 35-195	2	2						
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
23	2	26116-100652	BOLT, M10X 65 PLATED	2	2						
24	2	26716-100002	NUT, M10	4	4						
25	1	172956-81600	PIN KIT,BUCKET(QUICK	2	2	2					
26	2	172171-81500	COLLAR, 35X48.6X22	2	2	2					
27	2	172956-83120	PIN 35-195 ASSY	2	2	2					
28	2	172141-84601	SHIM	2	2	2					
32	2	26116-100652	BOLT, M10X 65 PLATED	2	2	2					
33	2	26716-100002	NUT, M10	4	4	4					
34	1	772448-82530	TOOTH ASSY	2	3						1
39	1	172956-08120	BUCKET PIN KIT Q30	1	1	1					2
41	1	172956-08130	BOLT KIT 10X85	1	1	1					2
42	2	26116-100852	BOLT, M10X 85 PLATED	1	1	1					
43	2	26716-100002	NUT, M10	2	2	2					
44	1	172956-08140	BOLT KIT 10X60	1	1	1					2
45	2	172149-83220	COLLAR, 30X42.7X22	1	1	1					
46	2	26116-100602	BOLT, M10X 60 PLATED	1	1	1					
47	2	26716-100002	NUT, M10	2	2	2					
48	1	172142-86500	CUTTER KIT, SIDE	1	1						1
48-1	1	172142-86500-N	CUTTER KIT, SIDE	1	1					S	1
		(A=M38501) (B=M38501)									

Remarks
(1)REPAIR KIT
(2)QUICK HITCH SPEC.



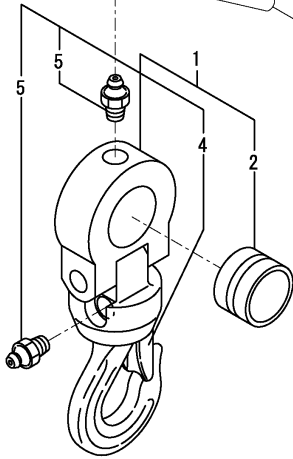
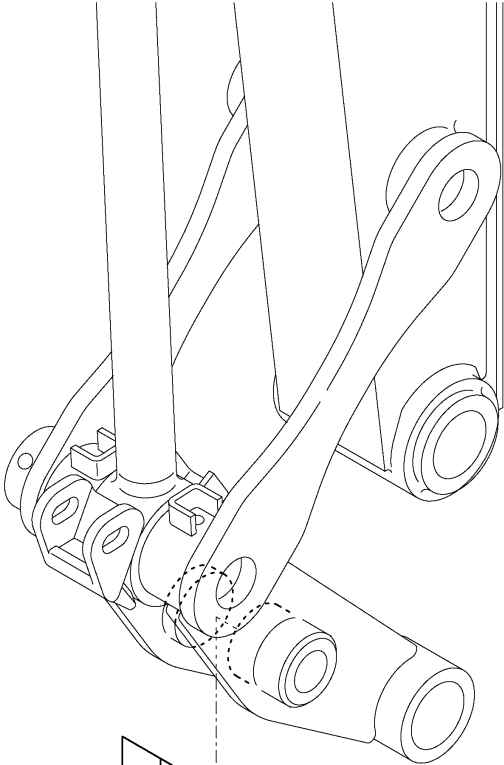
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	2	172142-86510-4	CUTTER, SIDE	1	1						
49-1	2	172142-86510-N	CUTTER, SIDE	1	1						S
		(A=M38501)	(B=M38501)								
50	2	172142-86520-4	CUTTER, SIDE	1	1						
50-1	2	172142-86520-N	CUTTER, SIDE	1	1						S
		(A=M38501)	(B=M38501)								
51	2	172142-86540	BOLT M14X 30	6	6						
52	2	22217-140000	WASHER, SPRING 14	6	6						

Remarks
(1)REPAIR KIT
(2)QUICK HITCH SPEC.

Fig.118. HOOK(CRANE SPEC.)



172A23-08601
クレーンキット（キャノピ）は、項目130を参照ください。
CRANE KIT,CANOPY is shown in Fig.130.

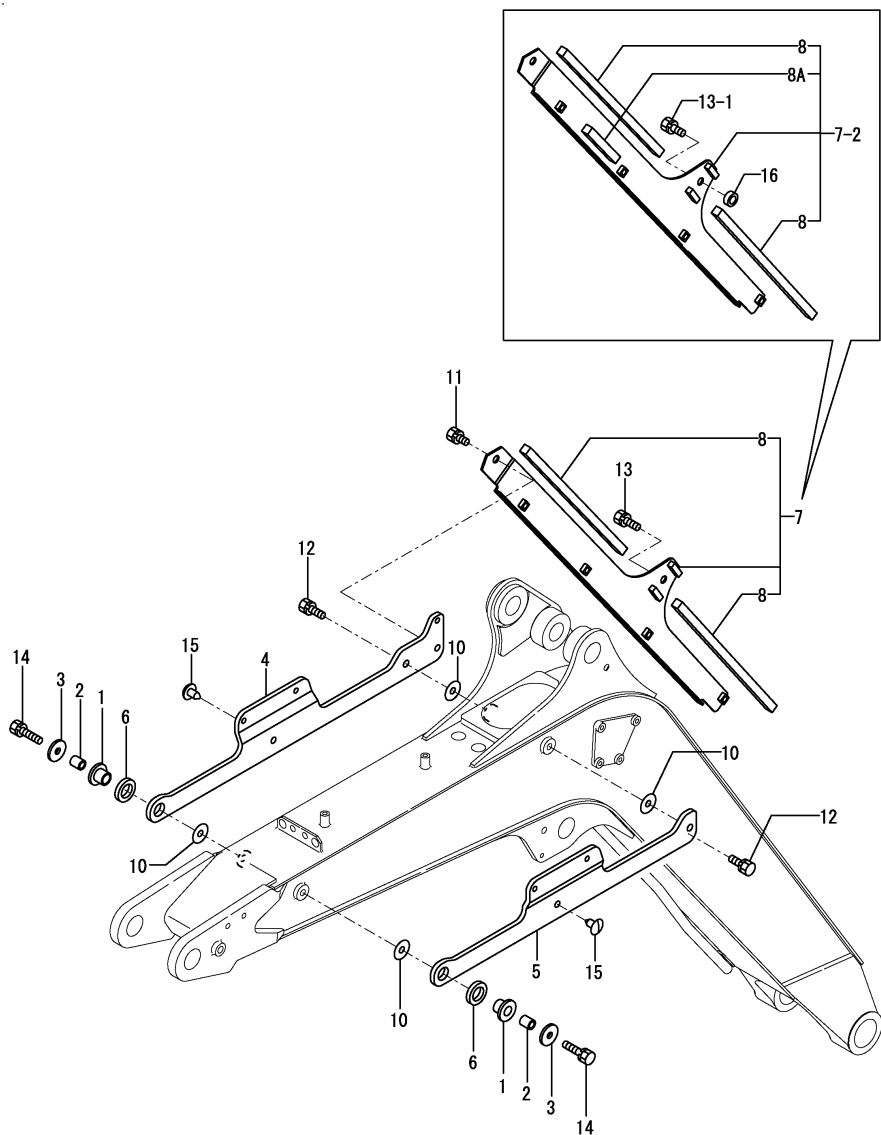
Remarks
(1)REF.NO.5 = M6X1, NO.5-1 - M6X0.75

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-84600	HOOK ASSY		1						
1-1	1	172A23-84601	HOOK ASSY		1						R
		(B=M37103)									
1-2	1	172A23-84601-Y	HOOK ASSY		1						S
		(B=M38501)									
2	2	172141-72561	BUSH (35-45-30		1						
4	3	172460-84161	RATCH ASSY, CRANE		1						
5	3	172A25-84630	NIPPLE, GREASE M6		2						
5-1	3	24761-010000	NIPPLE, GREASE M6F		2					S	1
		(B=M37103)									

Fig.119. STAY(CRANE SPEC.)

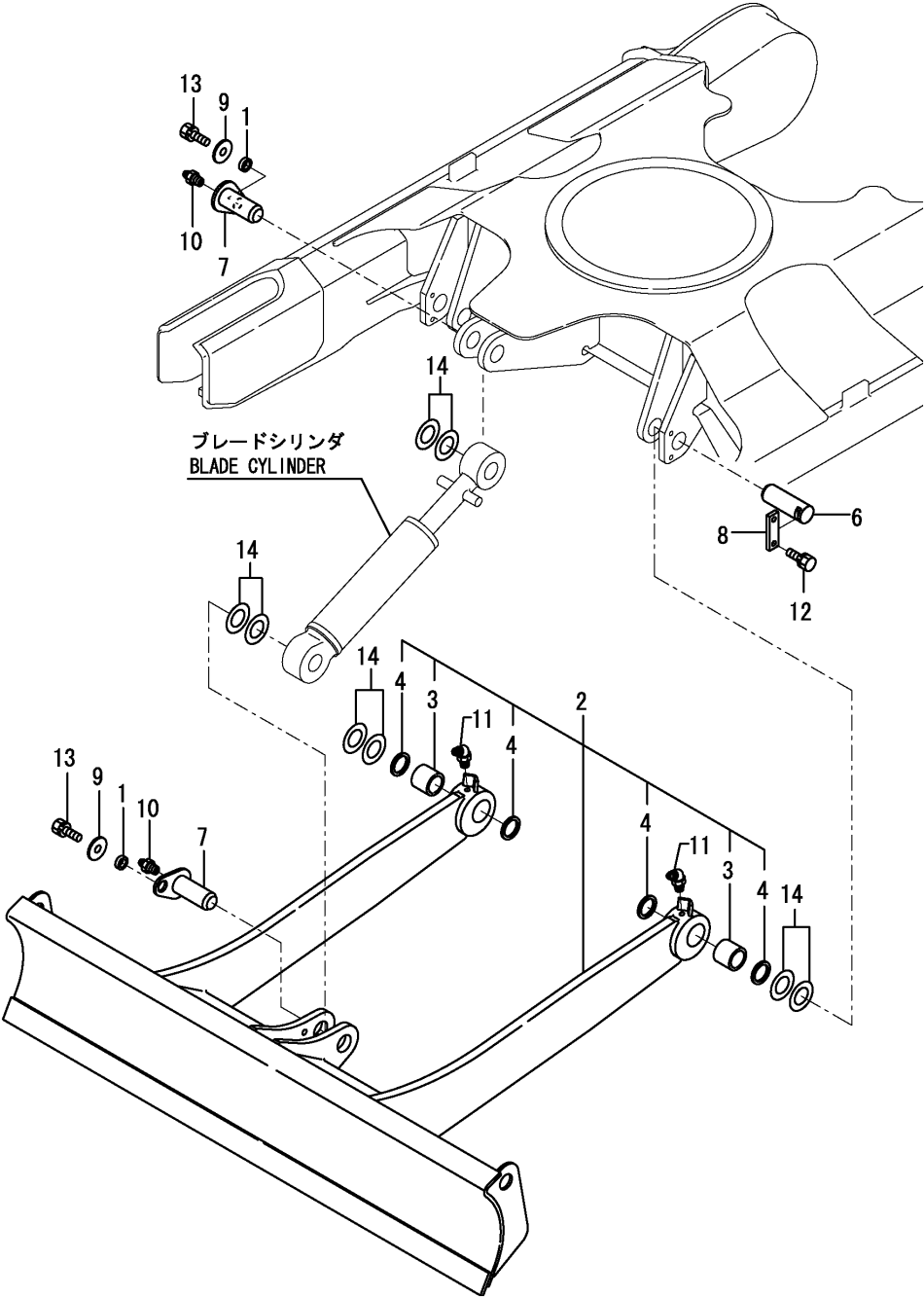


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-68870	GROMMET		2						
2	1	172478-68880	COLLAR		2						
3	1	172478-68890	WASHER		2						
4	1	172A23-84100	STAY, COVER		1						
4-1	1	172A23-84100-Y (B=M38501)	STAY, COVER		1						S
5	1	172A23-84110	STAY, COVER		1						
5-1	1	172A23-84110-Y (B=M38501)	STAY, COVER		1						S
6	1	172A25-84120	COLLAR		2						
7	1	172A23-84190	STAY, HOSE		1						
7-1	1	172A23-84190-Y (B=M38501)	STAY, HOSE		1						S
7-2	1	172A23-84191 (B=M3A362)	STAY ASSY,HDV HOSE		1						N
8	2	172455-13640	SEAL, DUCT		2						
8A	2	172446-13580 (B=M3A362)	SEAL, RADIATOR		1						W
10	1	22157-120000	WASHER, 12		4						
11	1	26013-120202	BOLT, M12X 20		1						
12	1	26013-120302	BOLT, M12X 30		2						
13	1	26013-120302	BOLT, M12X 30		1						
13-1	1	26013-120252 (B=M3A362)	BOLT, M12X 25		1						F 1
14	1	26013-120452	BOLT, M12X 45		2						
15	1	172176-68210 (B=MZZZZZ)	CLIP, TREE		2						W
16	1	172155-45790 (B=M3A362)	SPACER		1						W

Remarks
* Crane kit(canopy) is shown in Fig.130.
(1)Interchangeable by simultaneous replacement with No.16.

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

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	SPACER	2	2	2					
2	1	172A23-94090	BLADE ASSY	1	1	1					
2-1	1	172A23-94090-2	BLADE ASSY	1	1	1					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
2-2	1	172A23-94091-2	BLADE ASSY	1	1	1					N
(A=M34222) (B=M34222) (C=M34222)											
2-3	1	172A23-94092	BLADE ASSY	1	1	1					N
(A=M37001) (B=M37001) (C=M37001)											
3	2	172168-72240	BUSH 38X50X40	2	2	2					
4	2	172168-81270	SEAL, DUST	4	4	4					
6	1	172422-94210	PIN 38X 114	2	2	2					
7	1	172141-94271-W	PIN 38-94	2	2	2					
8	1	172124-94310-1	PLATE, LOCK	2	2	2					
8-1	1	172124-94310-5	PLATE, LOCK	2	2	2					S
(A=M/#33092) (B=M/#33092) (C=M/#32643)											
9	1	22157-120000	WASHER, 12	2	2	2					
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
11	1	24761-040000	NIPPLE, GREASE B	2	2	2					
12	1	26013-100252	BOLT, M10X 25	4	4	4					
13	1	26013-120302	BOLT, M12X 30	2	2	2					
14	1	933171-29751	SHIM SET	4	4	4					

Fig.122. REARVIEW MIRROR KIT(OPTIONAL)

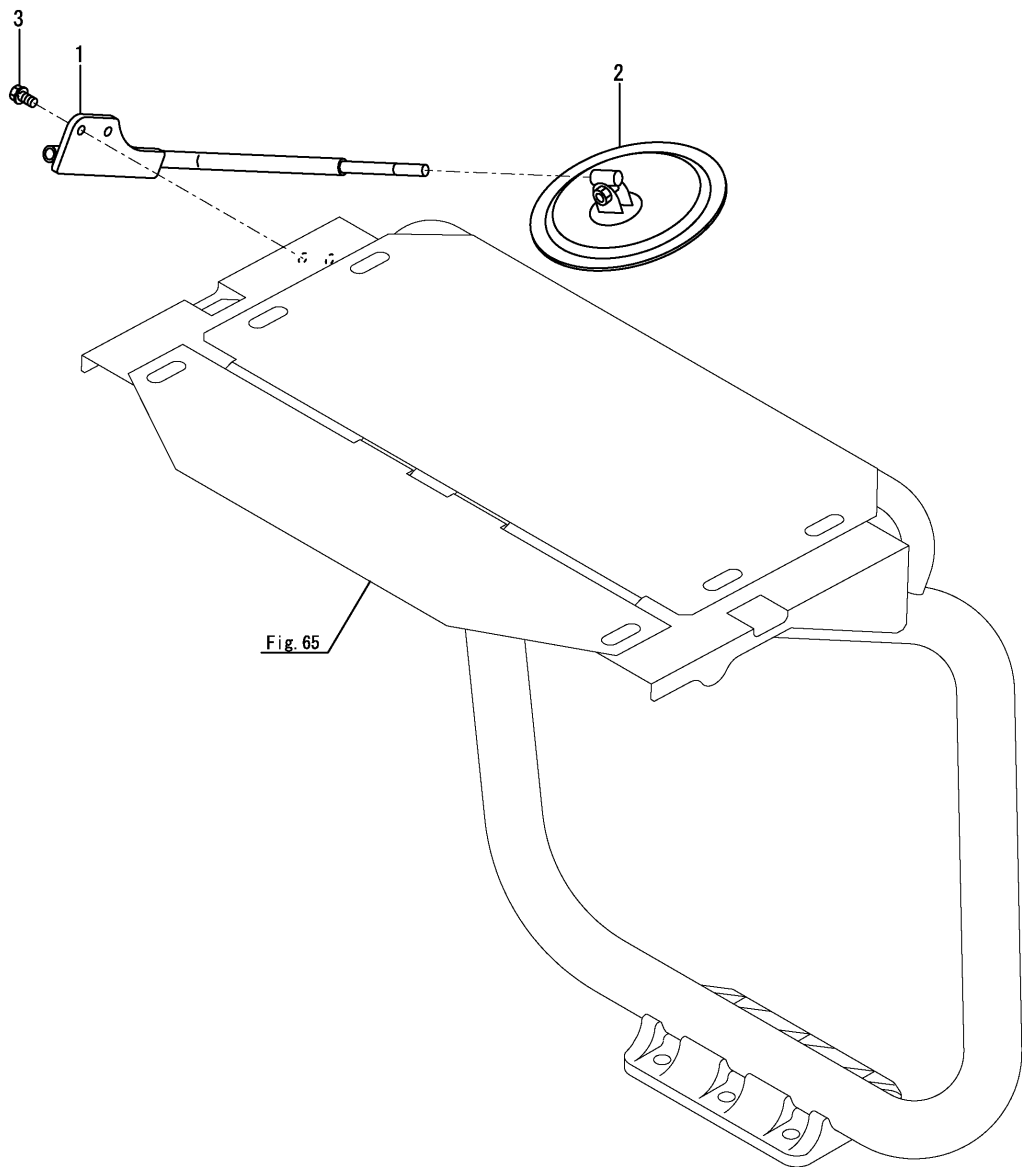


Fig. 65

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

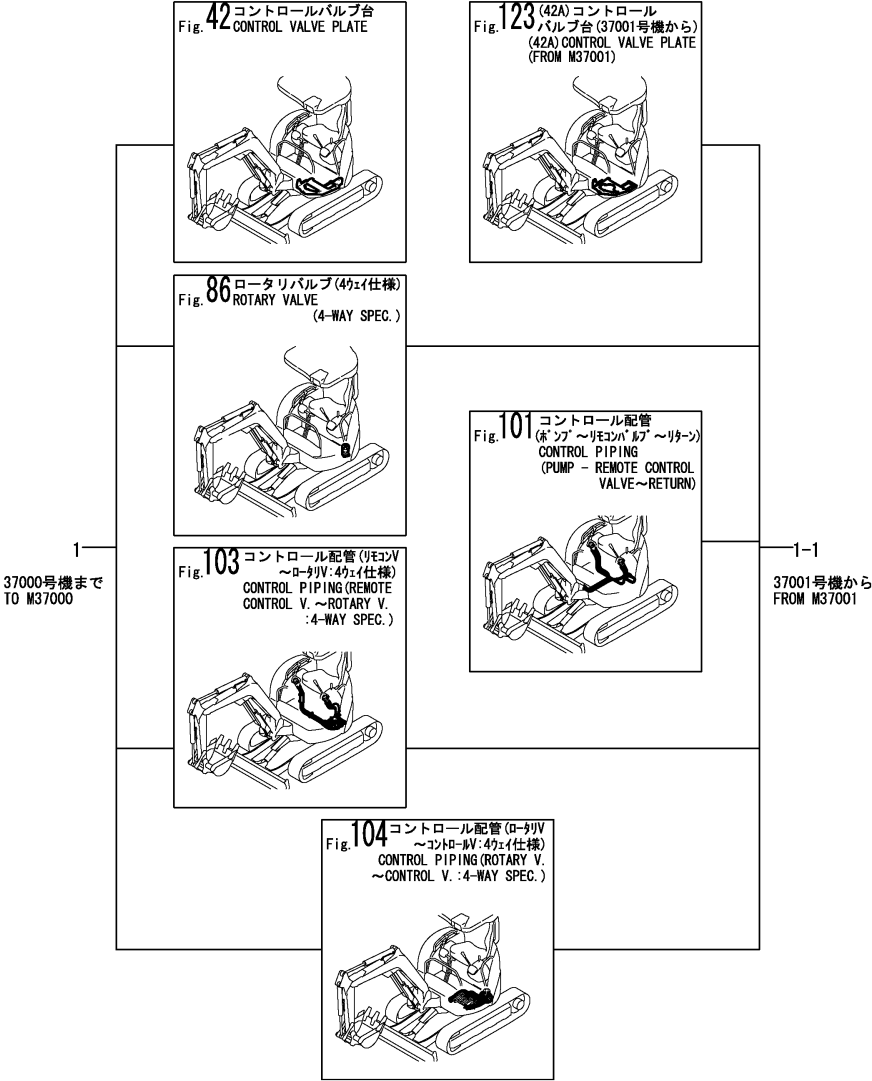
(D)=
(E)=
(F)=

[illegible]

Fig.129. 4-WAY MULTI VALVE KIT(OPTIONAL)

4 ウェイマルチバルブキット
4-WAY MULTI VALVE KIT

標準操作パターン(JIS、ヤンマーパターン)をワンタッチで他社パターンに変更可能な切替えバルブ等を追加する為の部品です。
CUTOFF VALVE PARTS, ECT. WHICH CAN CHANGE FROM STANDARD OPERATION PATTERN (JIS, YANMAR PATTERN) TO ANOTHER CORPORATION PATTERN PROMPTLY.



Remarks
(1)INNER PARTS OF KIT ARE SHOWN IN THESE FIGURE.

										OCK10-M39703 Fig.129	
										(A)=VIO20-3 C(JP) (D)=	
										(B)=VIO20-3 P(JP) (E)=	
										(C)=VIO20-3 P(EX) (F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A02-08510	MULTI KIT, 4-WAY	1	1						1
1-1	1	172A02-08511	M4-KIT (4-WAY MULTI)	1	1					S	1
(A=M37001) (B=M37001)											

Fig.130. CRANE KIT(OPTIONAL)

項目 Fig.	見出しNo. Ref No.	1	1-1	1-2	1-3
Fig. 5	銘板 (クレーン) (J P) (3 F 0 0 0号機まで) LABEL (CRANE) (JP) (TO M3F000)	○	○		
Fig. 20	電装品 (ワイヤリング: クレーン) ELECTRIC RART (WIRING: CRANE)	○	○	○	○
Fig. 24	電装品 (機器: クレーン1) ELECTRIC RART (EQUIPMENT: CRANE1)	○	○	○	○
Fig. 25	電装品 (機器: クレーン2) ELECTRIC RART (EQUIPMENT: CRANE2)	○	○	○	○
Fig. 45	カバー (フレーム) COVER (FRAME)	○	○	○	○
Fig. 46	カバー (操縦廻り) COVER (AROUND CONTROL)	○	○	○	○
Fig. 50	カバー (クレーン) COVER (CRANE)	○	○	○	○
Fig. 52	ステップ (キャノピ、ROPSキャノピ仕様) STEP (CANOPY & ROPS CANOPY SPEC.)	○	○	○	○
Fig. 56	シート & シートマウント (キャノピ: クレーン仕様) SEAT & SEAT MOUNT (CANOPY: CRANE SPEC.)	○	○	○	○
Fig. 87	ソレノイドバルブ (クレーン仕様) SOLENOID VALVE (CRANE SPEC.)	○	○	○	○
Fig. 88	ホールドバルブ (ブーム: クレーン仕様) HOLD VALVE (BOOM: CRANE SPEC.)	○	○	○	○
Fig. 89	ホールドバルブ (アーム: クレーン仕様) HOLD VALVE (ARM: CRANE SPEC.)	○	○	○	○
Fig. 95	油圧配管 (リターン) HYD. OIL PIPING (RETURN)	○	○	○	○
Fig. 98	油圧配管 (ブーム) HYD. OIL PIPING (BOOM)	○	○	○	○
Fig. 99	油圧配管 (P T O : アームエンド) HYD. OIL PIPING (P. T. O. : ARM END)	○	○	○	○
Fig. 105	コントロール配管 (4ウェイV-コントロールV: マルチクレーン仕様) CONTROL PIPING (4-WAY V.-CONTROL V.: MULTI AND CRANE SPEC.)	○	○	○	○
Fig. 106	コントロール配管 (ホールドバルブ: クレーン仕様) CONTROL PIPING (HOLD VALVE: CRANE SPEC.)	○	○	○	○
Fig. 115	バケットアーム & リンク (クレーン仕様) BUCKET ARM & LINK (CRANE SPEC.)	○	○	○	○
Fig. 118	フック (クレーン仕様) HOOK (CRANE SPEC.)	○	○	○	○
Fig. 119	ステー (クレーン仕様) STAY (CRANE SPEC.)	○	○	○	○
Fig. 128	(102A) コントロール配管 (リモコンバルブ~ コントロールバルブ: 標準、2ウェイ クレーン仕様) (102A) CONTROL PIPING (REMOTE CONTROL VALVE - CONTROL VALVE: STANDARD, 2-WAY CRANE SPEC.)	○	○	○	○
Fig. 159	(5A) 銘板 (クレーン) (J P) (3 F 0 0 1号機から) (5A) LABEL (CRANE) (JP) (FROM M3F001)				○
Fig. 164	(56D) シートマウント (キャノピ) (クレーン) (3 F 4 9 5号機から) (56D) SEAT MOUNT (CANOPY) (CRANE) (FROM M3F495)				○

Remarks
(1) INNER PARTS OF KIT ARE SHOWN IN
THESE FIGURE.

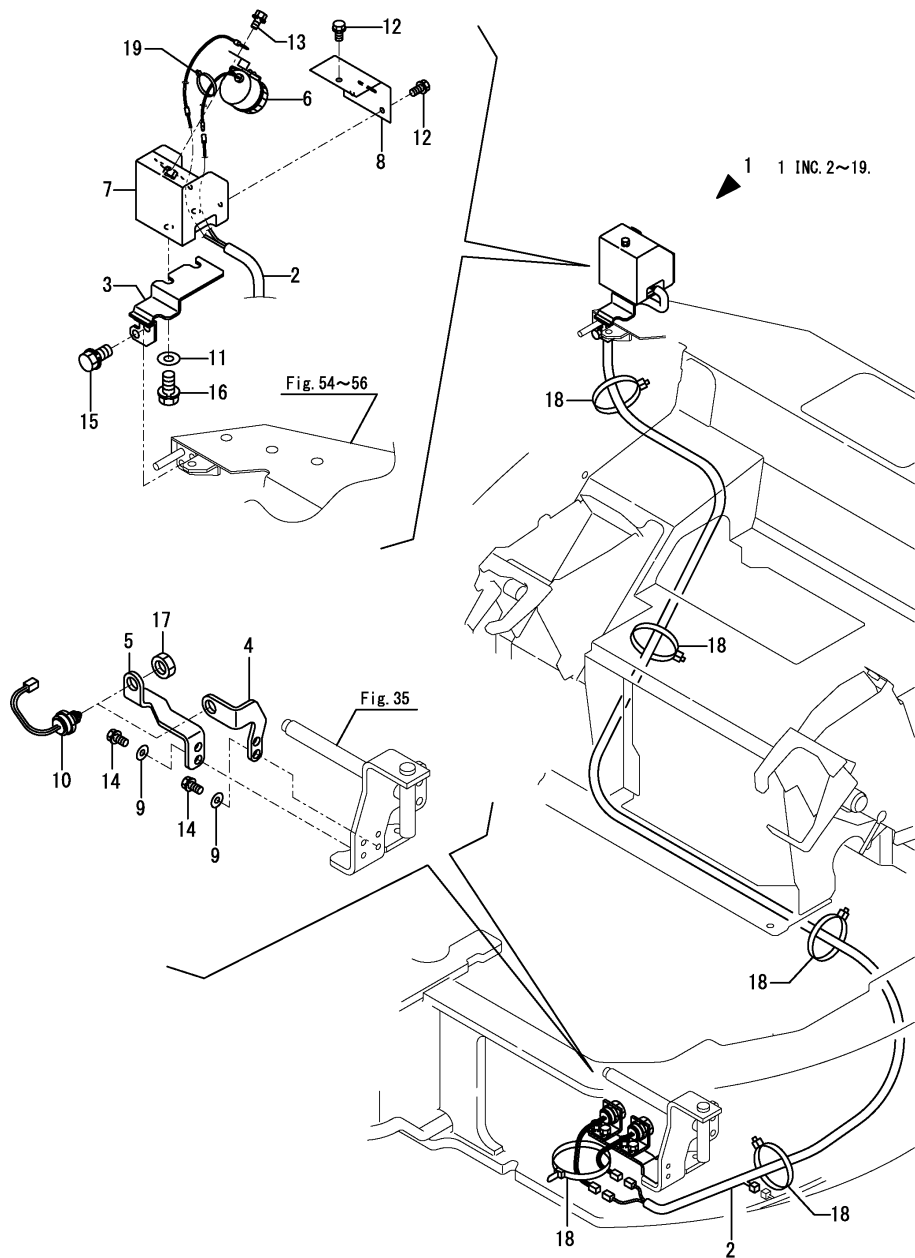
(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-08601	CRANE KIT, CANOPY		1						1
1-1	1	172A23-08602 (B=M38501)	CRANE KIT, CANOPY		1					N	1
1-2	1	172A23-08603 (B=M3F001)	CRANE KIT,CANOPY D		1					S	1
1-3	1	172A23-08604 (B=M3F495)	CRANE KIT,CANOPY D		1					S	1

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

Fig.153. TRAVEL ALARM KIT(OPTIONAL)



(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

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

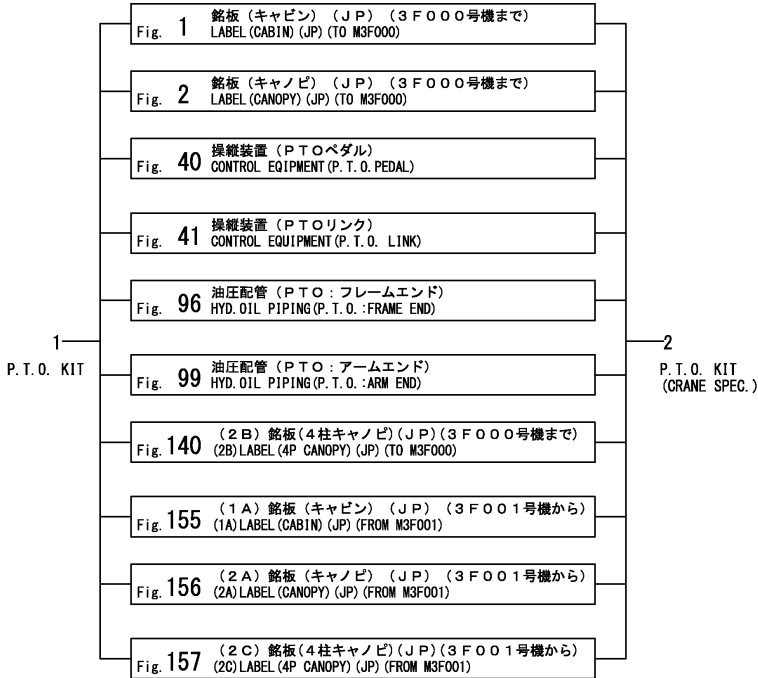
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08310	ALARM KIT, TRAVEL	1	1						
2	2	172456-16600	HARNESS,TRAVEL ARM	1	1						
3	2	172456-17200	BRACKET ASSY,ALARM	1	1						
4	2	172472-17250	BRACKET A SSW	1	1						
5	2	172472-17260	BRACKET B SSW	1	1						
6	2	172511-17351	BUZZER, BACK	1	1						
7	2	172472-17401-Y	CASE ASSY, ALARM	1	1						
8	2	172472-17470-Y	COVER, ALARM CASE	1	1						
9	2	172157-45840	WASHER 8X18X4	4	4						
10	2	194464-52190	SWITCH, SAFETY START	2	2						
11	2	22137-100000	WASHER, 10	2	2						
12	2	26013-060122	BOLT, M6X 12	3	3						
13	2	26013-080122	BOLT, M8X 12	1	1						
14	2	26013-080252	BOLT, M8X 25	4	4						
15	2	26013-100202	BOLT, M10X 20	2	2						
16	2	26013-100252	BOLT, M10X 25	2	2						
17	2	26776-180002	NUT, LOCK M18	2	2						
18	2	933152-09280	BAND	5	5						
19	2	933168-55770	BAND	1	1						

Fig.154. P.T.O. KIT(OPTIONAL)

(A)=VIO20-3 C(JP)
(B)=VIO20-3 P(JP)
(C)=VIO20-3 P(EX)

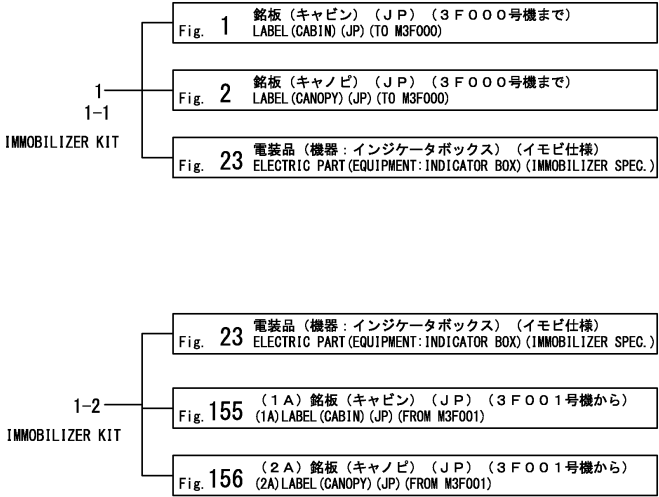
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-08700	PTO KIT	1	1						1
2	1	172A23-08710	PTO KIT, K		1						1



Remarks
(1)Refer to each figure, showing details of kit parts.

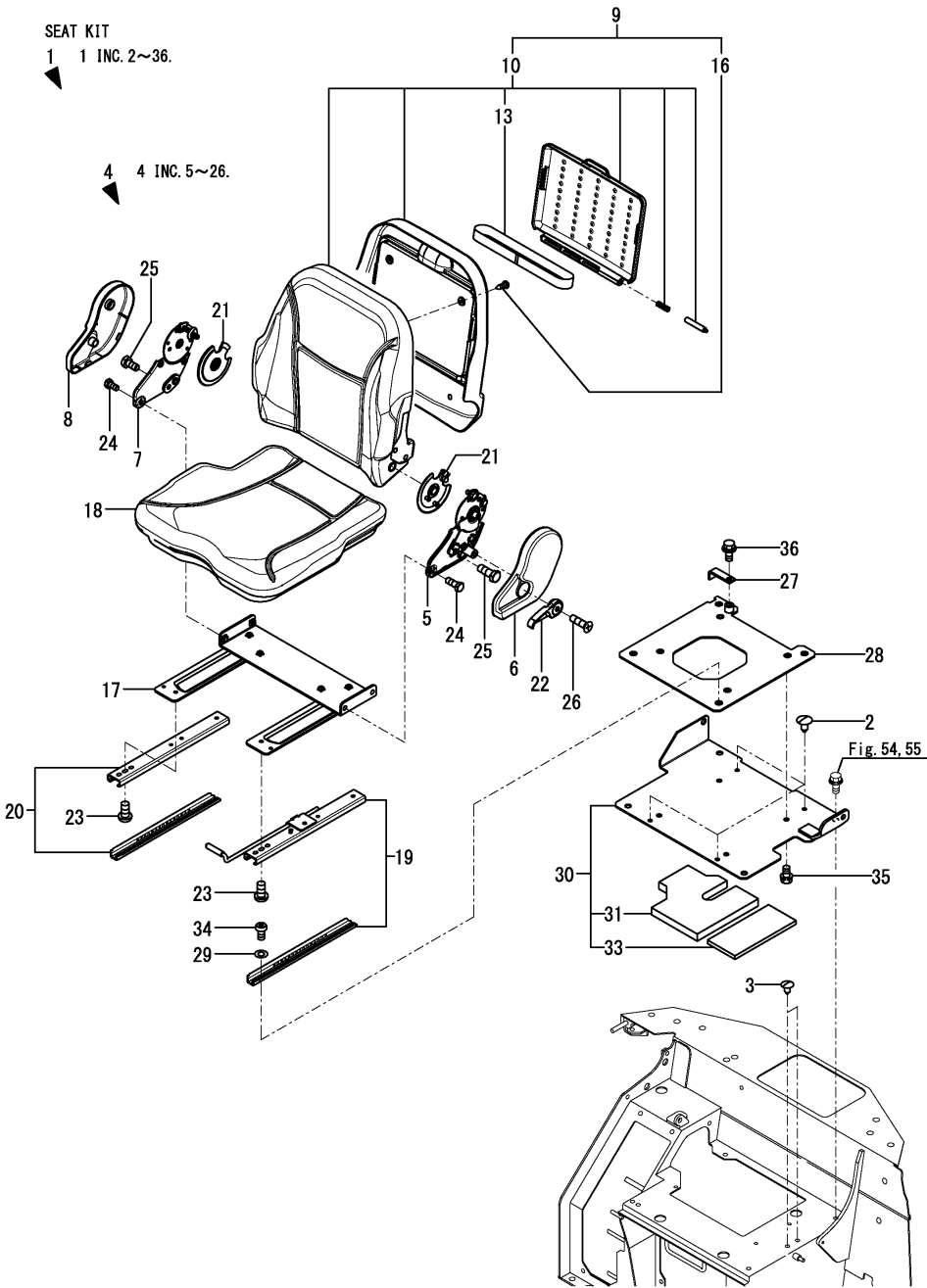
Fig.160. IMMOBILIZER KIT(OPTIONAL)



Remarks
(1)Refer to each figure, showing details of kit parts.

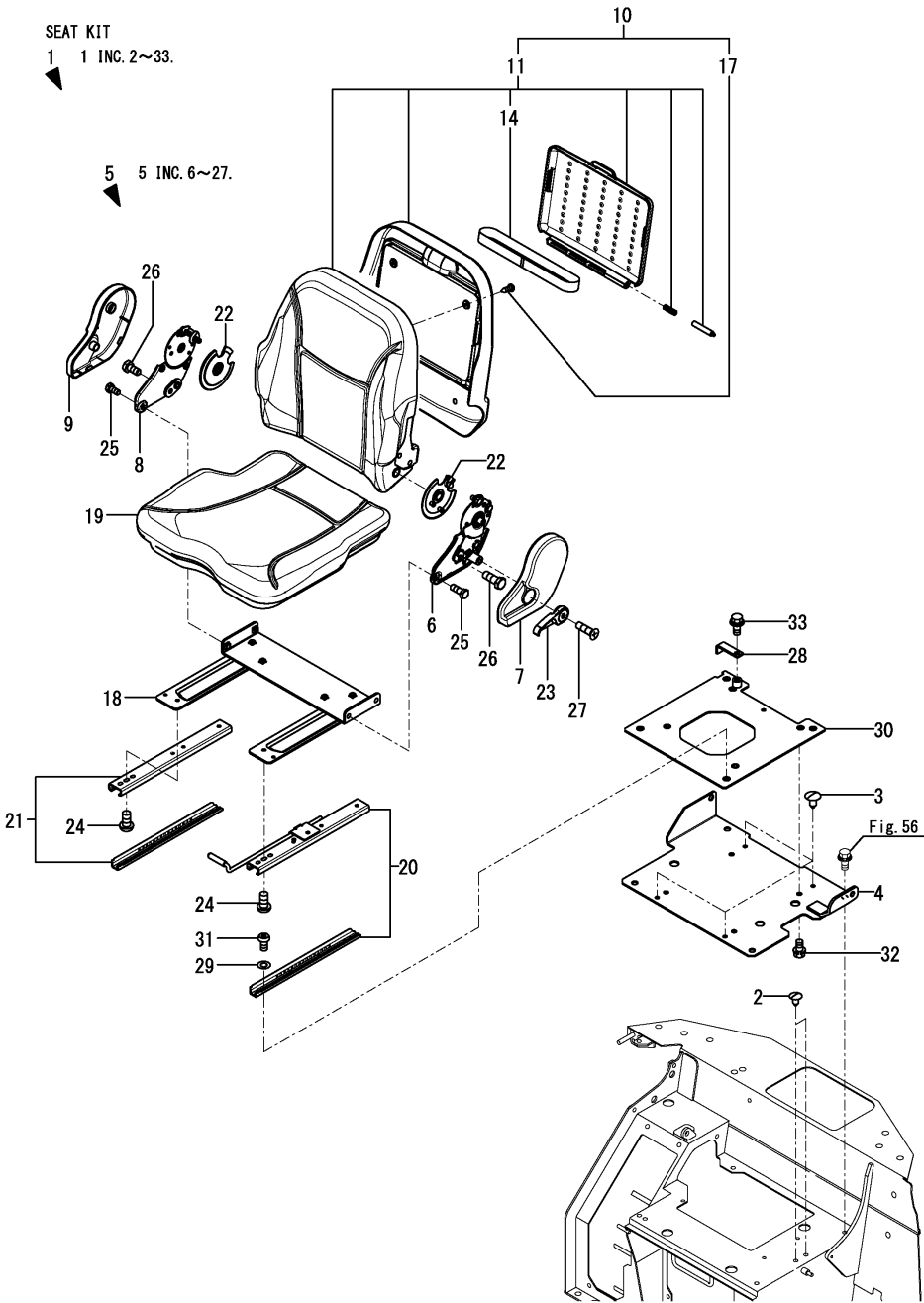
										0CK10-M39703 Fig.160	
										(A)=VIO20-3 C(JP) (B)=VIO20-3 P(JP) (C)=VIO20-3 P(EX)	
										(D)= (E)= (F)=	
										Q'ty	
										(A) (B) (C) (D) (E) (F)	
No.	Lev.	Parts No.	Description							I	R
1	1	172A23-08720	KEY KIT, ELECTRONIC	1	1						1
1-1	1	172A23-08721	IMMOBILIZER KIT	1	1					S	1
(A=M35460) (B=M35460)											
1-2	1	172A23-08722	IMMOBILIZER KIT,D	1	1					S	1
(A=M3F001) (B=M3F001)											

Fig.166. SEAT KIT(OPTIONAL)(REPAIR PARTS)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-08800	SEAT KIT,JP WOOSCHANG	1	1	1					
2	2	172122-17190	CLIP, TREE	4	4	4					
3	2	172122-17190	CLIP, TREE	2	2	2					
4	2	172A64-64070	SEAT ASSY, RECLINING	1	1	1					
5	3	172A64-64040	HINGE ASSY	1	1	1					
6	3	172A64-64060	COVER	1	1	1					
7	3	172A64-64080	HINGE ASSY	1	1	1					
8	3	172A64-64090	COVER	1	1	1					
9	3	172B02-64210	SEAT ASSY, BACK	1	1	1					
10	4	172B02-64270	BOX ASSY,MANUAL	1	1	1					
13	5	172A89-64950	BAND	1	1	1					
16	4	22859-500200	SCREW, 5.0 X 20	4	4	4					
17	3	172B02-64230	BRACKET ASSY, SEAT	1	1	1					
18	3	172A89-64780	SEAT, CUSHION	1	1	1					
19	3	172A89-64800	RAIL ASSY, TL	1	1	1					
20	3	172A89-64810	RAIL ASSY, TR	1	1	1					
21	3	172A89-64870	COVER	2	2	2					
22	3	172A89-64880	LEVER	1	1	1					
23	3	26106-080252	BOLT, M8X 25 PLATED	4	4	4					
24	3	26106-100162	BOLT, M10X 16 PLATED	6	6	6					
25	3	26106-100252	BOLT, M10X 25 PLATED	2	2	2					
26	3	26559-050202	SCREW, M5X20	1	1	1					
27	2	172A36-64450	PLATE, LOCK	1	1	1					
28	2	172A23-64550	PLATE ASSY,MOUNT	1	1	1					
29	2	172A23-64600	COLLAR	4	4	4					
30	2	172A36-64903	PLATE ASSY,SEAT	1	1	1					
31	3	172A23-64882	SPONGE	1	1	1					
33	3	172A23-64930	INSURATOR,SEAT	1	1	1					
34	2	172958-83320	BOLT	4	4	4					
35	2	26013-100162	BOLT, M10X 16	4	4	4					
36	2	26014-100202	BOLT, M10X 20	1	1	1					

Fig.167. SEAT KIT(CRANE)(OPTIONAL)(REPAIR PARTS)



				(A)=VIO20-3 C(JP)	(D)=						
				(B)=VIO20-3 P(JP)	(E)=						
				(C)=VIO20-3 P(EX)	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-08810	SEAT KIT,JP K WOOCOA		1						
2	2	172122-17190	CLIP, TREE		2						
3	2	172122-17190	CLIP, TREE		4						
4	2	172A23-64060	PLATE ASSY,SEAT K		1						
5	2	172A64-64070	SEAT ASSY, RECLINING		1						
6	3	172A64-64040	HINGE ASSY		1						
7	3	172A64-64060	COVER		1						
8	3	172A64-64080	HINGE ASSY		1						
9	3	172A64-64090	COVER		1						
10	3	172B02-64210	SEAT ASSY, BACK		1						
11	4	172B02-64270	BOX ASSY,MANUAL		1						
14	5	172A89-64950	BAND		1						
17	4	22859-500200	SCREW, 5.0 X 20		4						
18	3	172B02-64230	BRACKET ASSY, SEAT		1						
19	3	172A89-64780	SEAT, CUSHION		1						
20	3	172A89-64800	RAIL ASSY, TL		1						
21	3	172A89-64810	RAIL ASSY, TR		1						
22	3	172A89-64870	COVER		2						
23	3	172A89-64880	LEVER		1						
24	3	26106-080252	BOLT, M8X 25 PLATED		4						
25	3	26106-100162	BOLT, M10X 16 PLATED		6						
26	3	26106-100252	BOLT, M10X 25 PLATED		2						
27	3	26559-050202	SCREW, M5X20		1						
28	2	172A36-64450	PLATE, LOCK		1						
29	2	172A23-64600	COLLAR		4						
30	2	172A23-64730	PLATE ASSY,MOUNT K		1						
31	2	172958-83320	BOLT		4						
32	2	26013-100162	BOLT, M10X 16		4						
33	2	26014-100202	BOLT, M10X 20		1						

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	17	28
102103-55520	17	23
104200-11920	16	16
104200-55321	17	19
104200-55330	17	20
104200-55341	17	21
104200-55750	17	29
106990-44660	16	28
110250-55610	17	24
114110-07760	4	56
	9	25
114110-07761	158	50
119247-77100	21	3
119255-44660	15	17
119650-77910	21	5
119740-13511	12	20
119802-77200	21	4
119808-12540	12	12
119813-44510	15	14
121250-49121	15	3
121256-44600	15	16
121257-55720	17	25
121257-55731	17	26
121470-44540	1	38
	2	38
	140	38
	155	38
	156	38
	157	38
	169	38
124064-55510	17	22
124450-44550	15	15
124465-44950	29	15
124764-44810	4	50
124764-44920	4	51
124766-59050	15	18
	16	29
	17	33
124970-77920	22	57
	23	45
129211-77920	21	8
	24	23
129335-55700	17	18
129612-52100	17	17
129619-12520	12	11
171081-55910	17	30
172010-01640	111	1
	112	1
	113	1
172068-28490	40	2

Parts No.	Fig. No.	Ref. No.
172068-28490	40	3
	88	1
	89	1
172110-36010	30	12
	96	4
172110-45050	40	11
172110-76170	100	6 -1
172110-76170-4	100	6
172112-77361	106	9
172116-46630	40	22
172116-76381	94	10
172117-53340	124	28
172122-14620	17	10
172122-17190	162	1
		2
	163	1
		2
	164	1
		2
	166	2
		3
	167	2
		3
172122-37844	31	12
		32
172122-46590	35	27
	38	30
	40	21
	41	11
172122-55061	55	4
	56	6
	60	4
	145	5
	163	3
	164	3
	168	8
172122-70350	76	26
172122-73430	76	38
172122-73470	76	51
172122-73480	76	79
172122-79930	17	34
	92	20
	94	23
	95	38
	98	16
		16 -1
		17
	100	17
	102	22
	103	18

Parts No.	Fig. No.	Ref. No.
172122-79930	106	19
	128	30
172123-76121	94	5 -2
	95	1
	97	6
	101	1
	102	1
		2
		3
	103	1
	104	1
		2
		11
	105	1
		2
		11
		15
	106	3
	128	1
		2
		3
		11
172124-17640	29	8
172124-46200	34	3
	35	16
	38	9
	40	8
	41	10
	116	2
172124-65480	57	19
172124-94310-1	120	8
172124-94310-5	120	8 -1
172125-03950	4	49
172125-03951	4	49 -1
	158	49
172126-11510	12	5 -1B
		6 -1B
		18
	15	26
		26 -1
	17	16 -1
	19	1
		1 -1
		39
	22	67
	29	1
	94	17
	102	11
	103	7
	106	24

Parts No.	Fig. No.	Ref. No.
172126-11510	128	15
	139	1
172126-16540	17	15
	18	21
	20	11
172137-12270	13	4
172137-16560	17	16
	19	18
	20	6
		12
		13
	93	12
	139	18
172137-17631	29	6
172137-37850	31	15
		35
172137-46040	70	24
	71	1
	72	1
172137-46210	26	10
172137-66230	29	17
172137-69850	51	8
	52	19
	142	20
172137-70490	77	10
172137-70570	77	11
172137-70580	77	12
172137-72453	72	14
172137-73860	78	5
172137-75570	96	12
172137-76580	100	7
172141-03202	1	14
	2	14
	6	6
	7	6
	12	17
	140	14
	141	6
	155	14
	156	14
	157	14
	169	14
172141-03360	1	30
	2	30
	4	34
172141-17150	24	20
172141-37140	31	6
		26
172141-41340	35	1
172141-41360	33	3

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172141-41360	38	5
	39	5
	40	10
172141-41370	34	5
	35	3
		6
	38	2
	40	6
	41	7
172141-50762-1	45	1
172141-50762-3	45	1 -1
172141-50763-1	45	1 -2
	125	1
172141-57650	44	12
		12 -1
172141-70110	76	21
172141-70150	76	23
172141-70160	76	24
172141-70450	76	16
172141-71520	66	66
	67	84
	66	67
172141-71550		132
	67	85
		129
172141-71560	66	68
	67	86
172141-72250	68	26
	69	26
	71	12
	72	13
	73	12
172141-72420	68	30
	69	27
	73	16
	74	13
172141-72540	72	25
172141-72561	71	21
		26
	72	19
		23
	114	6
		16
	115	7
		12
	118	2
172141-73220	66	69
	67	87
172141-73230	66	70
	67	88

Parts No.	Fig. No.	Ref. No.
172141-73770	91	4
172141-74430	66	39
		118
	67	57
		118
172141-76180	93	6
	94	3
		5
	95	10
	97	9
	100	3
	102	4
	103	5
	104	3
		12
	105	3
		12
		16
	106	4
172141-76181	93	6 -1
	94	3 -1
		5 -1
	95	10 -1
	97	9 -1
	100	3 -1
		3 -2
	102	4 -1
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