

OCK10-M39802EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) Vio27-3 for Japan.

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	000Y00K3980	Nov., 2004	Disuse old edition
	Engine	000Y00B7150		
1st revised	Vehicle	000Y00K3981	May., 2006	Disuse old edition
	Engine	000Y00B7151		
2nd revised	Vehicle	000Y00K3982	Oct., 2007	
	Engine	000Y00B7151		

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio27-3 C(JP)	30501~35000	2004/06~2006/03
		Vio27-3B C(JP)	35001~35252	2006/01~2006/06
	(B)	Vio27-3 P(JP)	30501~35000	2004/06~2006/03
		Vio27-3B P(JP)	35001~35252	2006/01~2006/06
	(C)	Vio27-3 P(EX)	30501~35000	2004/06~2006/03
	(D)	Vio27-3 P(EX2)	(Note) *	(Note) *
II (Engine)	(A)	3TNV82A-XBV (Vio27-3)	07279~34476	2004/05~2006/05
	(B)	3TNV82A-NBV (Vio27-3B)	28990~33024	2006/01~2006/04

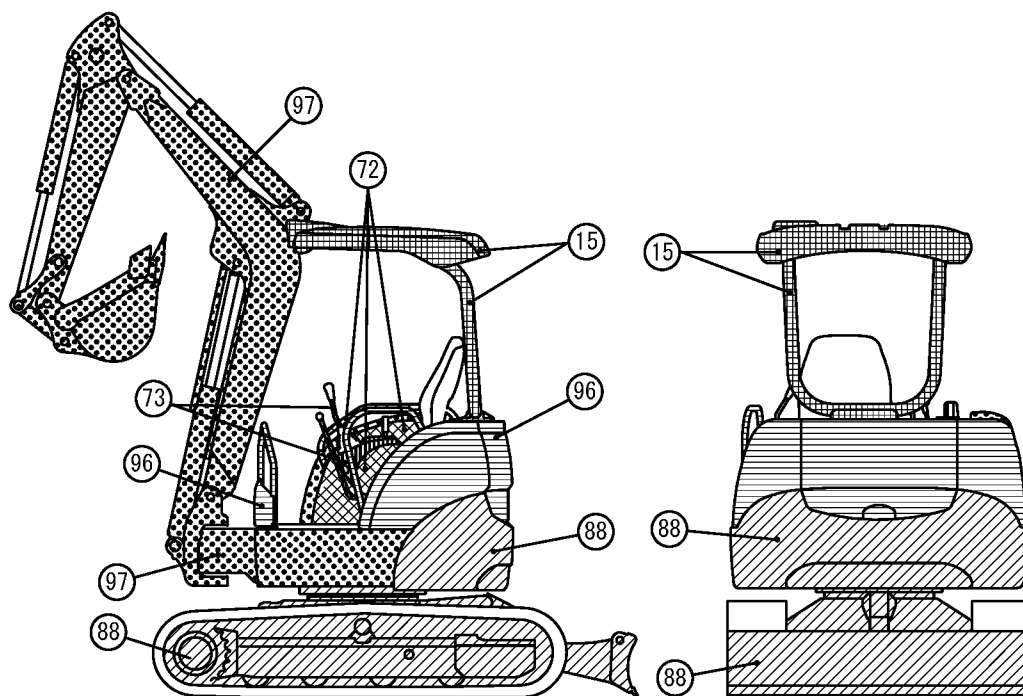
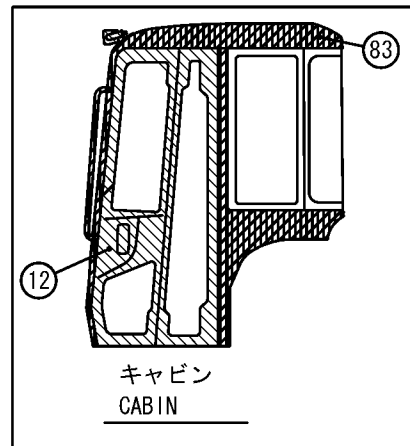
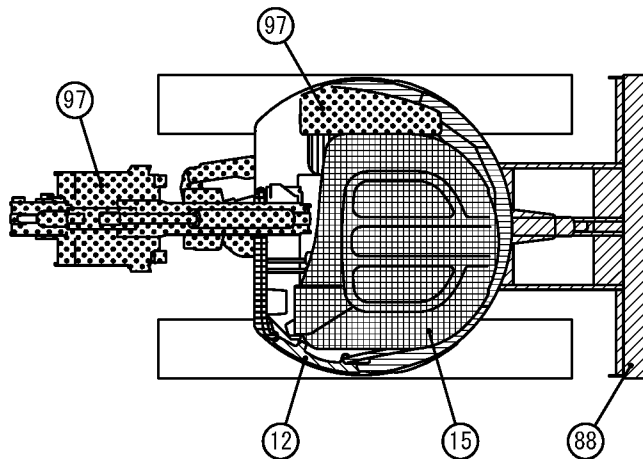
(Note) C:Cabin spec. P:Canopy spec. JP:Japan spec. EX:Export except Europe & America.

(Note) * EX2 SPEC. Refer To Parts catalog No. Y00S4650

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.

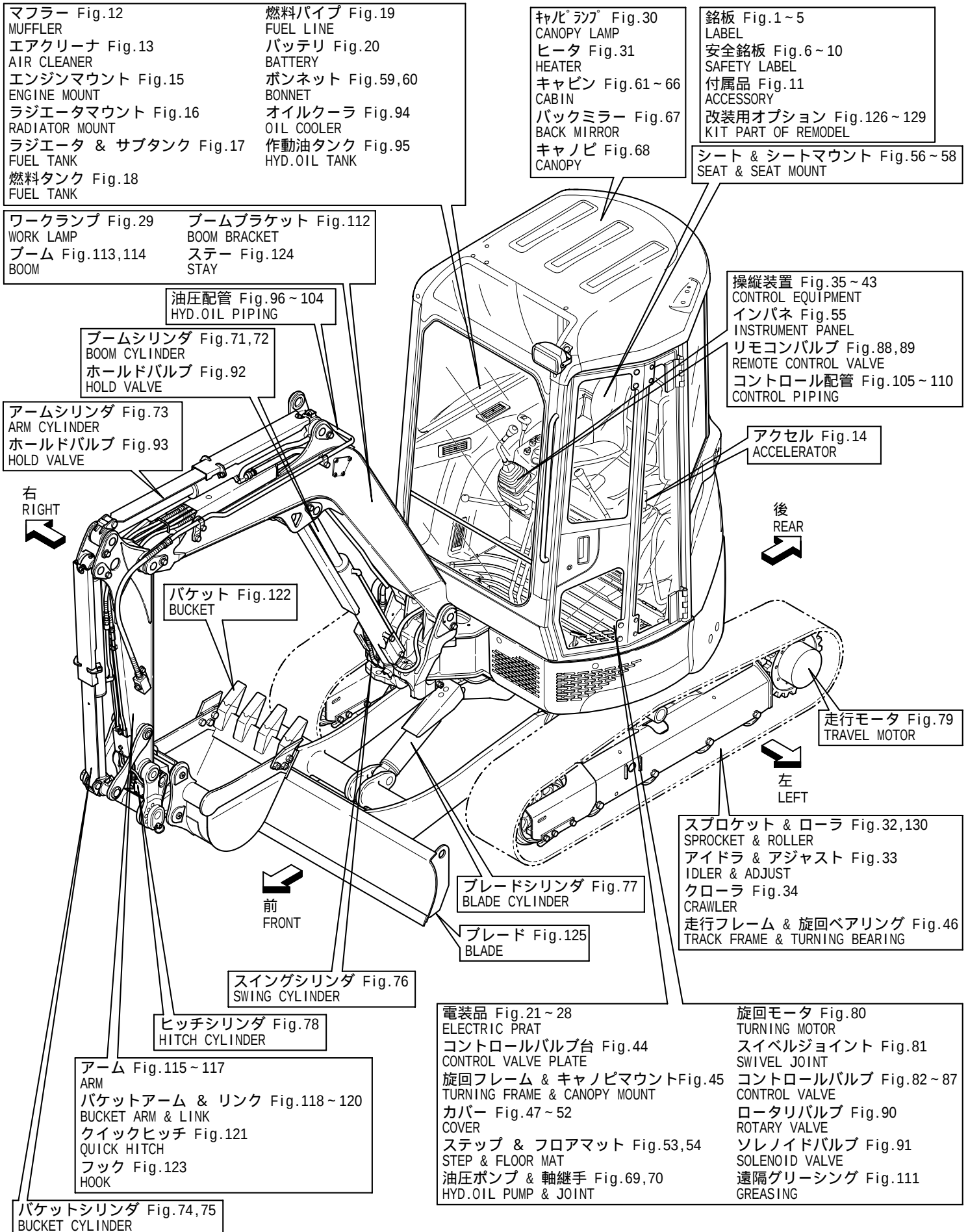
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

本機塗装色 VEHICLE PAINTED COLOR

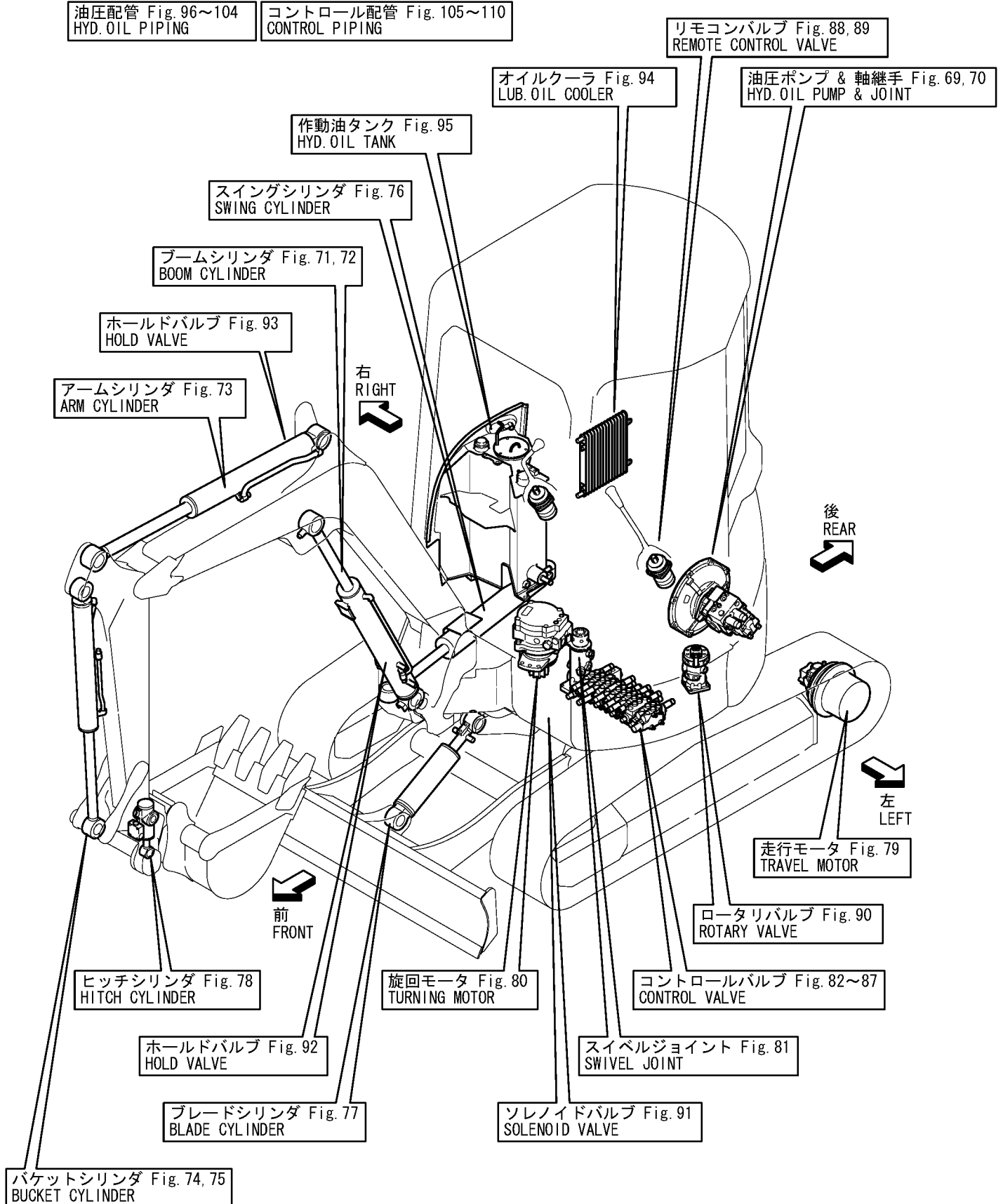


色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	マンセル記号 Munsell No.	塗料部品番号 (Paint Part No.)		
				16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
88		ヤンマー新ディープグリーン YANMAR New Deep Green	0. 6B2. 2/4. 2	981101-09588	977620-40880	977620-30881
97		ヤンマーピーコックグリーン YANMAR Peacock Green	2. 99BG5. 27/9. 28	981101-09597	977620-40970	977620-30971
96		ヤンマーシトラスグリーン YANMAR Citrus Green	4. 97GY8. 35/6. 87	981101-09599	977620-40990	977620-30991
72		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	7. 21Y2. 92/0. 79	-----	977620-40720	TOR-90460003
15		ナチュラルホワイト Natural White	1. 38GY7. 15/0. 48	-----	-----	977620-30301
73		ヤンマーワームグレー YANMAR Warm Gray	5. 52Y4. 91/1. 09	-----	-----	TOR-90450003
12		ヤンマーブラック YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
83		ヤンマーグレッッシュグリーン YANMAR Grayish Green	2. 15G4. 87/1. 52	981101-09615	977620-40830	977620-30N41

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Fig. No. Fig. Name

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- 82. CONTROL VALVE(1/6)
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Fig. No. Fig. Name

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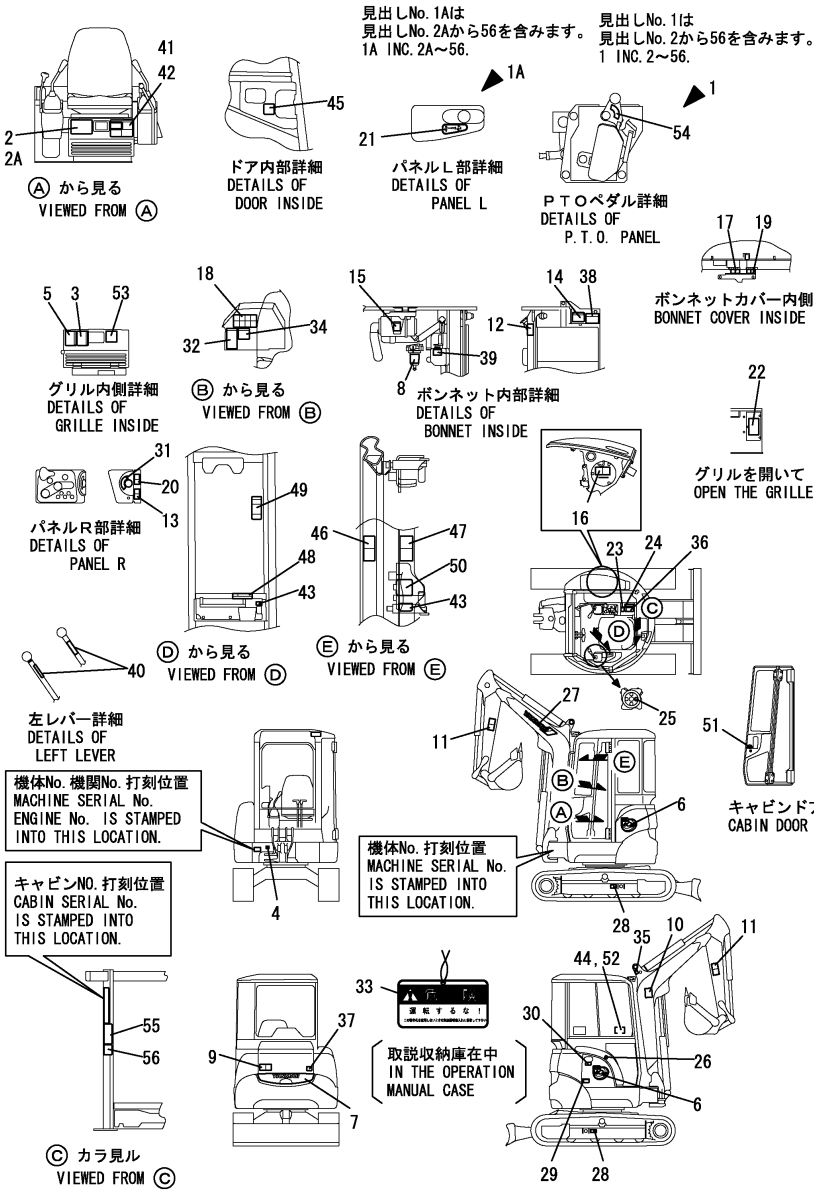
OPTIONAL & KIT

- 126. ONE TOUCH DECEL KIT(OPTIONAL)
- 127. 4-WAY MULTI VALVE KIT(OPTIONAL)
- 128. CRANE KIT(OPTIONAL)
- 129. P.T.O. KIT (OPTIONAL)

Fig.1. LABEL(CABIN : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



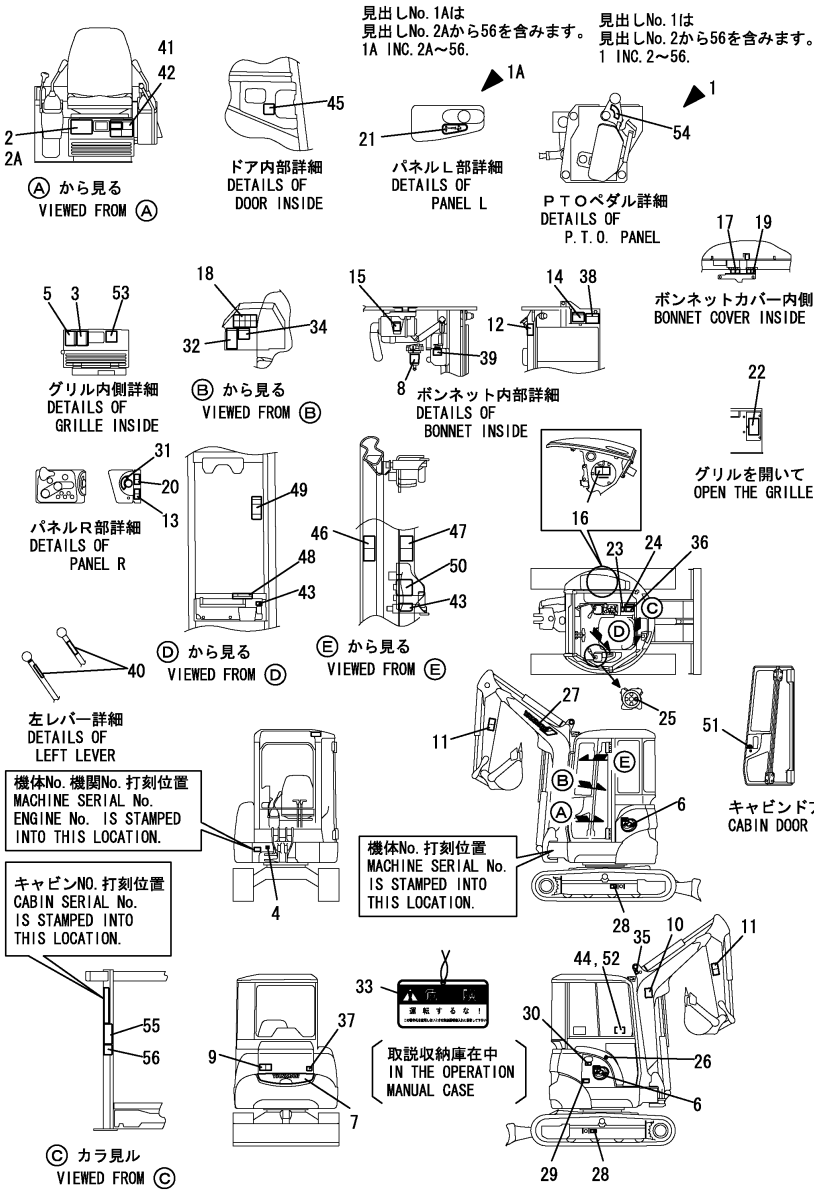
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A24-03100	LABEL SET,VIO27-3 C	1							
1A	1	772A70-03100	LABEL,VEHICLE	1							4
2	2	172A24-03111	LABEL, SPECIFICATION	1							
2A	2	172A70-03110	LABEL,SPACIFICATION	1							4
3	2	172458-03121	LABEL, OIL & WATER	1							
4	2	172157-03130	LABEL, GREASE	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172457-03150	LABEL,MODEL	2							
7	2	172458-03160	LABEL, REAR	1							
8	2	172490-03160	LABEL	1							
9	2	172444-03170	LABEL	1							
10	2	172A23-03180	LABEL,LIFTING	1							
11	2	172444-03181	LABEL	2							
12	2	172444-03190	LABEL	1							
13	2	172448-03190	LABEL,FAN	1							
14	2	172458-03190	LABEL,OILING	1							
15	2	172141-03202	LABEL,CAUTION	1							
16	2	172450-03200	LABEL,BATTERY	1							
17	2	172458-03200	LABEL,FAN	1							
18	2	172444-03210	LABEL	1							
19	2	172458-03210	LABEL,BELT	1							
20	2	172446-03220	LABEL,BELT	1							
21	2	172458-03220	LABEL,ACCELERATOR	1							
22	2	172458-03231	LABEL, HUSE	1							
23	2	172A23-03240	LABEL,OPEN	1							
24	2	172444-03240	LABEL	1							
25	2	172173-03250	LABEL	1							
26	2	172183-03250	LABEL,FUEL	1							
27	2	172171-03261	LABEL,BOOM	1							
28	2	172444-03280	LABEL	2							
29	2	172142-03302	LABEL,CAUTION	1							
30	2	172455-03340	LABEL	1							
31	2	172141-03360	LABEL, START SWITCH	1							
31-1	2	172A47-03280	LABEL,START SWITCH	1							N
(A=M/#30501)											
32	2	172964-03370	LABEL	1							
33	2	172964-03481	TAG ASSY, CAUTION	1							
34	2	172164-03510	LABEL,LOADING	1							
35	2	172437-03511	LABEL, HOOK US	1							
36	2	172164-03540	LABEL	1							
37	2	172519-04180	LABEL,WARNING	1							
38	2	172519-04290	LABEL,WARNING	1							
39	2	121470-44540	LABEL, SUB-TANK	1							
40	2	172183-03280	LABEL,LOCK	1							
41	2	172444-03290	MAGNET	1							2
42	2	172151-03551	LABEL	1							2
43	2	172445-03180	LABEL	3							
44	2	172496-03200	LABEL, OPERATION	1							
45	2	172445-03220	LABEL	1							
46	2	172445-03230	LABEL	1							
47	2	172458-03260	LABEL	1							

Remarks
(1)RUBBER CRAWLER SPEC.
(2)4-WAY MULTI SPEC.
(3)P.T.O. SPEC.
(4)27-3B

Fig.1. LABEL(CABIN : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



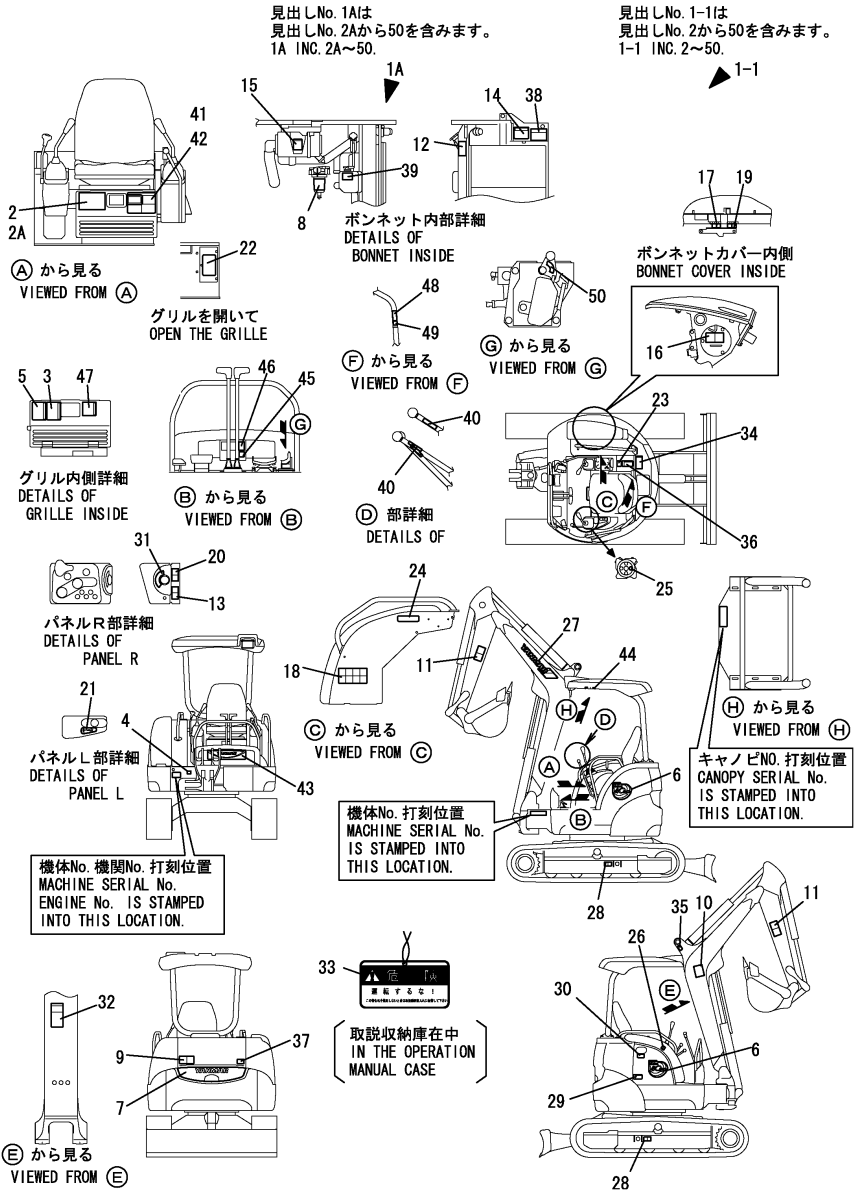
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	172A23-03300	LABEL	1							
49	2	172455-03320	LABEL	1							
50	2	172455-03520	LABEL	1							
51	2	172458-03600	LABEL, DOOR LOCK	1							
51-1	2	172458-03601	LABEL, DOOR KEY LOCK	1						N	
(A=M/#30827)											
52	2	172490-03210	LABEL, P.T.O.	1							3
53	2	172165-03240	LABEL	1							1
54	2	172458-03240	LABEL, LOCK	1							3
55	2	172460-03230	LABEL, SEAT BELT	1							
56	2	172460-03241	LABEL, ROPS	1							

Remarks
(1) RUBBER CRAWLER SPEC.
(2) 4-WAY MULTI SPEC.
(3) P.T.O. SPEC.
(4) 27-3B

Fig.2. LABEL(CANOPY : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1-1	1	772A24-03110	LABEL,VEHICLE		1						
1A	1	772A70-03100	LABEL,VEHICLE		1						4
2	2	172A24-03111	LABEL, SPECIFICATION		1						
2A	2	172A70-03110	LABEL,SPACIFICATION		1						4
3	2	172458-03121	LABEL, OIL & WATER		1						
4	2	172157-03130	LABEL, GREASE		1						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172457-03150	LABEL,MODEL		2						
7	2	172458-03160	LABEL, REAR		1						
8	2	172490-03160	LABEL		1						
9	2	172444-03170	LABEL		1						
10	2	172A23-03180	LABEL,LIFTING		1						
11	2	172444-03181	LABEL		2						
12	2	172444-03190	LABEL		1						
13	2	172448-03190	LABEL,FAN		1						
14	2	172458-03190	LABEL,OILING		1						
15	2	172141-03202	LABEL,CAUTION		1						
16	2	172450-03200	LABEL,BATTERY		1						
17	2	172458-03200	LABEL,FAN		1						
18	2	172444-03210	LABEL		1						
19	2	172458-03210	LABEL,BELT		1						
20	2	172446-03220	LABEL,BELT		1						
21	2	172458-03220	LABEL,ACCELERATOR		1						
22	2	172458-03231	LABEL, HUSE		1						
23	2	172A23-03240	LABEL,OPEN		1						
24	2	172444-03240	LABEL		1						
25	2	172173-03250	LABEL		1						
26	2	172183-03250	LABEL,FUEL		1						
27	2	172171-03261	LABEL,BOOM		1						
28	2	172444-03280	LABEL		2						
29	2	172142-03302	LABEL,CAUTION		1						
30	2	172455-03340	LABEL		1						
31	2	172141-03360	LABEL, START SWITCH		1						
31-1	2	172A47-03280	LABEL,START SWITCH		1						N
		(B=M/#30501)									
32	2	172964-03370	LABEL		1						
33	2	172964-03481	TAG ASSY, CAUTION		1						
34	2	172164-03510	LABEL,LOADING		1						
35	2	172437-03511	LABEL, HOOK US		1						
36	2	172164-03540	LABEL		1						
37	2	172519-04180	LABEL,WARNING		1						
38	2	172519-04290	LABEL,WARNING		1						
39	2	121470-44540	LABEL, SUB-TANK		1						
40	2	172183-03280	LABEL,LOCK		2						
41	2	172444-03290	MAGNET		1						2
42	2	172151-03551	LABEL		1						2
43	2	172458-03140	LABEL, FRONT		1						
44	2	172444-03330	LABEL		1						
45	2	172490-03200	LABEL		1						
46	2	172490-03210	LABEL, P.T.O.		1						3
47	2	172165-03240	LABEL		1						1

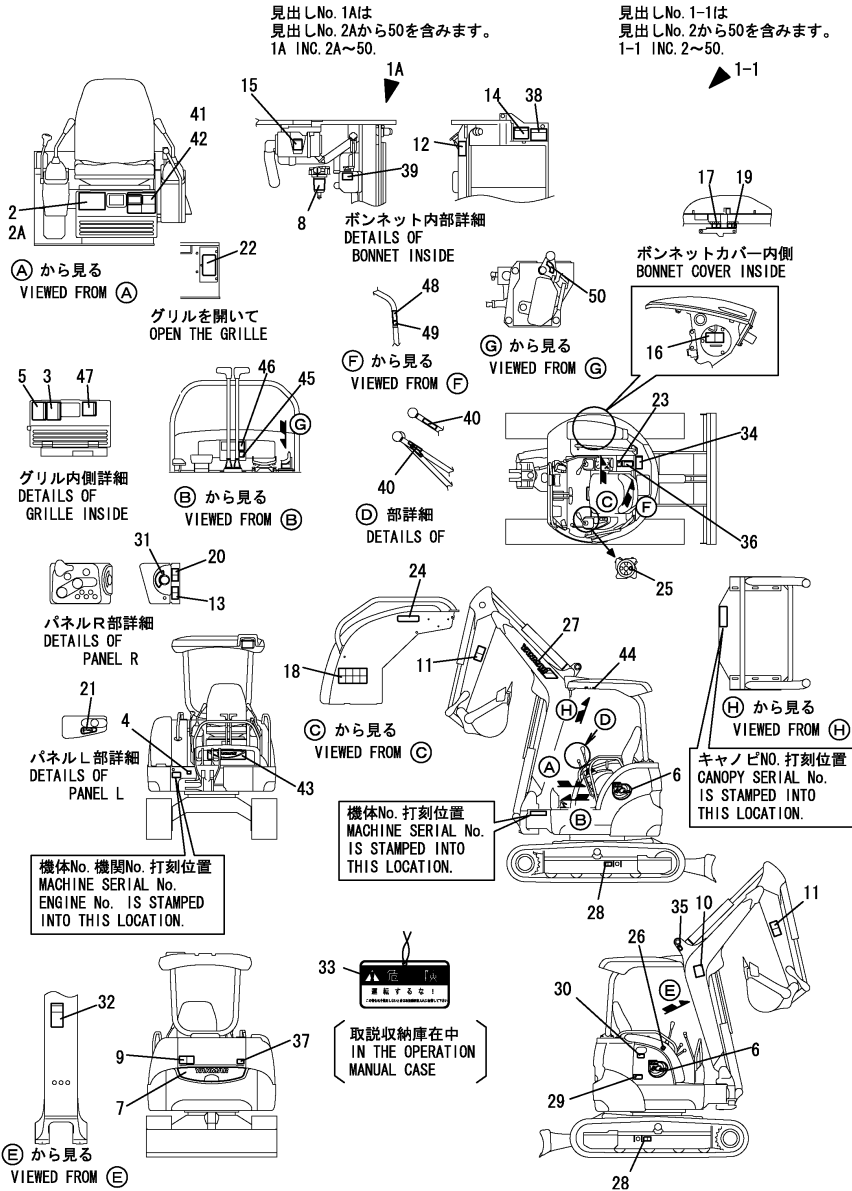
Remarks
(1)RUBBER CRAWLER SPEC.
(2)4-WAY MULTI SPEC.
(3)P.T.O. SPEC.
(4)27-3B

Fig.2. LABEL(CANOPY : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	172460-03230	LABEL,SEAT BELT		1						
49	2	172460-03241	LABEL,ROPS		1						
50	2	172458-03240	LABEL,LOCK		1						



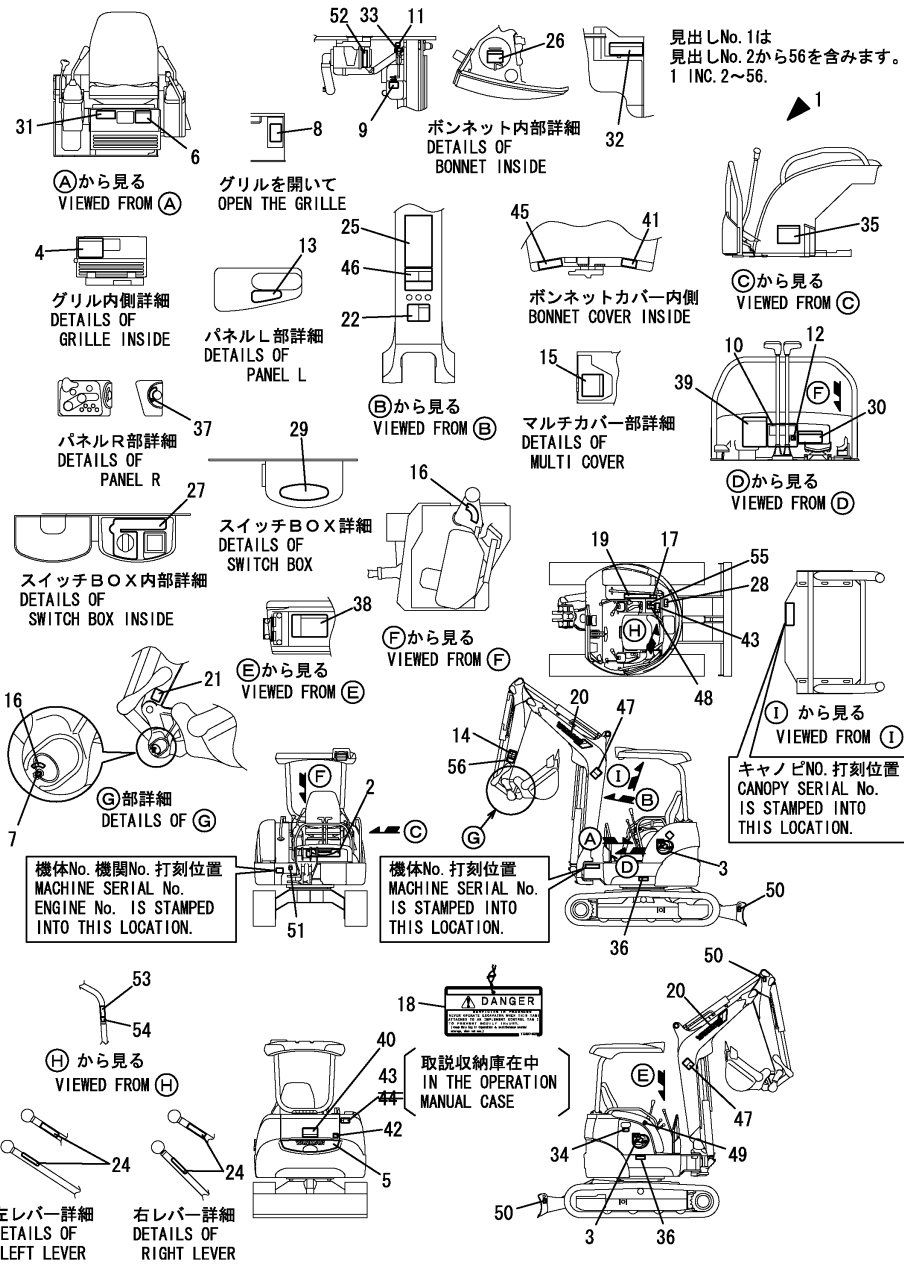
Remarks
(1)RUBBER CRAWLER SPEC.
(2)4-WAY MULTI SPEC.
(3)P.T.O. SPEC.
(4)27-3B

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

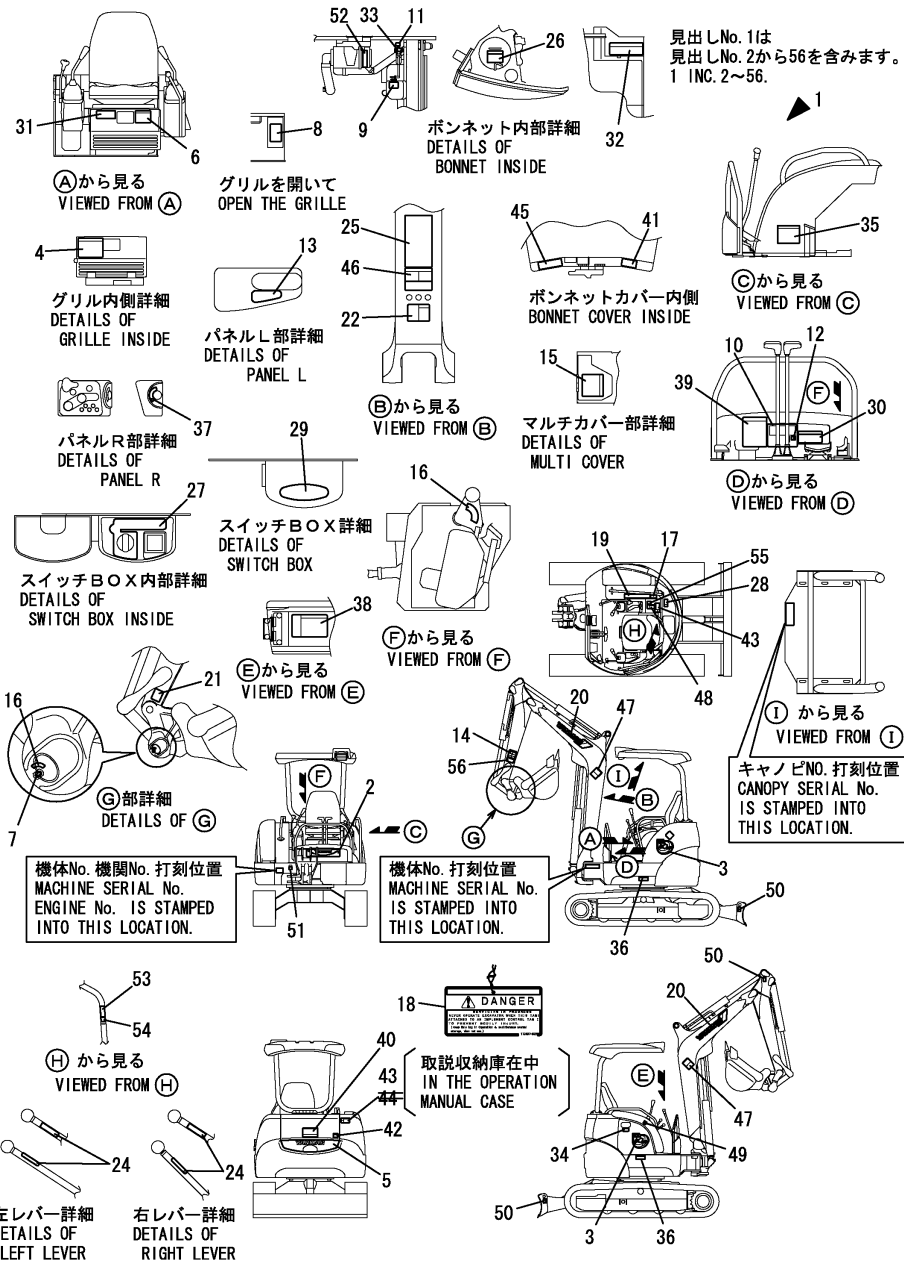
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A37-03270	LABEL SET(VIO27-3 EX			1					
2	2	172458-03140	LABEL, FRONT			1					
3	2	172457-03150	LABEL,MODEL			2					
4	2	172472-03150	LABEL,OIL&WATER			1					
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	172A38-03200	LABEL, SUB-TANK US			1					
9-1	2	172A38-03201	LABEL, SUB-TANK US (C=M/#31213)			1				N	
10	2	172490-03200	LABEL			1					
11	2	172A38-03210	LABEL,ANTI-FREEZING			1					
11-1	2	172A38-03211	LABEL,ANTI-FREEZING (C=M/#31282)			1				N	
12	2	172490-03210	LABEL, P.T.O.			1					
13	2	172458-03220	LABEL,ACCELERATOR			1					
14	2	172472-03230	LABEL,OPERATION PIN			1					
15	2	172437-03242	LABEL, CRAWLER US			1					1
16	2	172458-03240	LABEL,LOCK			2					
17	2	172472-03241	LABEL, PIN US			1					
18	2	172437-03250	TAG ASSY, CAUTION			1					
18-1	2	172437-03251	TAG ASSY, CAUTION (C=M/#31112)			1				N	
18-2	2	172437-03252	TAG ASSY, CAUTION (C=M/#31213)			1				N	
19	2	172472-03250	LABEL,OPERATION Q US			1					
20	2	172171-03261	LABEL,BOOM			2					
21	2	172472-03261	LABEL, FINGER US			1					
22	2	172472-03271	LABEL, SAND US			1					
24	2	172183-03280	LABEL,LOCK			2					
25	2	172472-03281	LABEL, WARNING HITCH			1					
26	2	172463-03290	LABEL,HYD.OIL US			1					
27	2	172472-03290	LABEL,SWITCH			1					
28	2	172437-03301	LABEL, MANUAL US			1					
28-1	2	172437-03302	LABEL, MANUAL US (C=M/#31213)			1				N	
29	2	172472-03300	LABEL,COVER			1					
30	2	172437-03311	LABEL, SLOPE US			1					
30-1	2	172437-03312	LABEL,SLOPE US (C=M/#31145)			1				N	
31	2	172A37-03321	LABEL,SPAC P KR			1					
32	2	172437-03322	LABEL, HYD.OIL TANK			1					
33	2	172462-03320	LABEL			1					
34	2	172463-03330	LABEL,COVER			1					
35	2	172437-03342	LABEL, TRANSPORT US			1					
35-1	2	172437-03343	LABEL, TRANSPORT US (C=M/#31213)			1				N	
36	2	172437-03352	LABEL, GREASE CYL.			2					
37	2	172141-03360	LABEL, START SWITCH			1					
38	2	172437-03361	LABEL, BATTERY US			1					

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Remarks
(1)RUBBER CRAWLER SPEC.



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

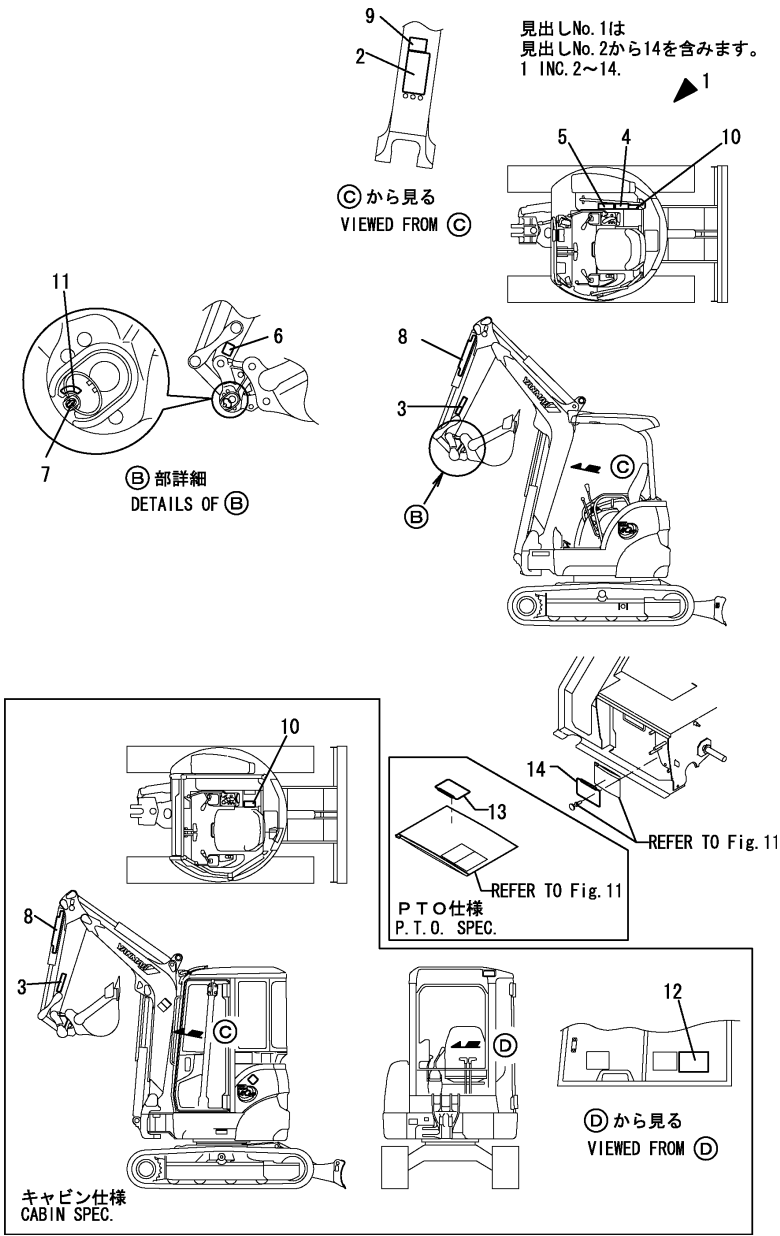
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
39	2	172437-03372	LABEL, NEUTRAL US			1					
40	2	172437-03381	LABEL, SWING AREA US			1					
41	2	172437-03391	LABEL, RADIATOR US			1					
42	2	172437-03402	LABEL, ENG. COVER US			1					
43	2	172A36-03411	LABEL, ENG ROOM			2					
44	2	172437-03411	LABEL (ENG ROOM US			1				Z	
(C=M/#30997)											
45	2	172437-03422	LABEL, MUFFLER US			1					
46	2	172437-03432	LABEL, STEERING US			1					
47	2	172437-03461	LABEL, BOOM US			2					
48	2	172437-03471	LABEL, LEVER LOCK US			1					
49	2	172437-03501	LABEL, FUEL US			1					
50	2	172437-03511	LABEL, HOOK US			3					
51	2	172157-03741	LABEL, GREASE US			1					
52	2	172125-03951	LABEL, AIR CLEANER			1					
53	2	172437-03451	LABEL, SEAT BELT US			1					
54	2	172437-03441	LABEL, ROPS US			1					
55	2	172437-03530	LABEL, RE-START			1					
56	2	172472-03330	LABEL, LOCK PIN(US			1				W	
(C=M/#30901)											

Remarks
(1) RUBBER CRAWLER SPEC.

Fig.4. LABEL(QUICK HITCH : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



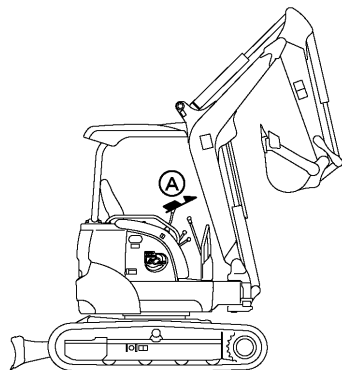
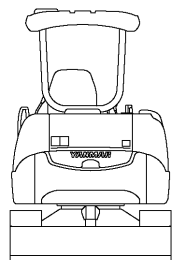
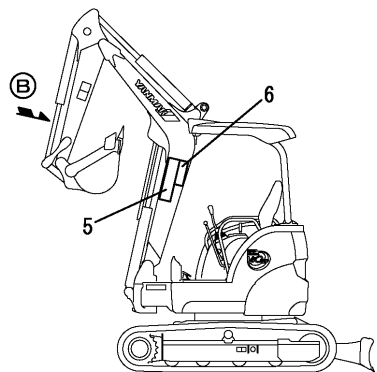
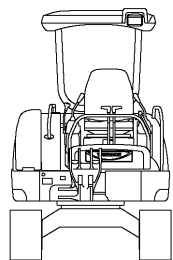
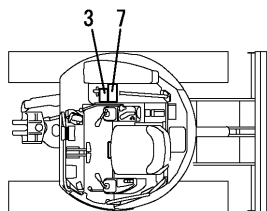
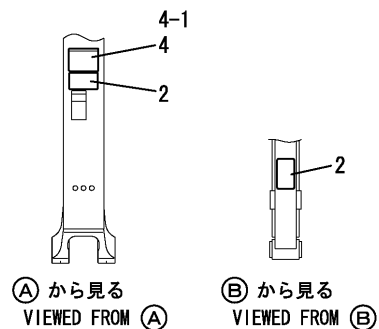
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772958-03100	LABEL SET,VIO(QUICK	1	1						
2	2	172958-03100	LABEL	1	1						
3	2	172958-03110	LABEL	1	1						
4	2	172958-03120	LABEL	1	1						2
5	2	172958-03130	LABEL	1	1						2
6	2	172958-03140	LABEL	1	1						
7	2	172958-03160	LABEL	1	1						
8	2	172958-03200	LABEL	2	2						
9	2	172958-03220	LABEL	1	1						
10	2	172958-03230	LABEL,PIN	1	1						
11	2	172458-03240	LABEL,LOCK	1	1						
12	2	172958-03170	LABEL	1	1						1
13	2	172958-03310	LABEL,COLLAR	1	1						
14	2	172958-03300	LABEL,PLUG	1	1						

Remarks
(1)EXCLUSIVE USE OF CABIN.
(2)EXCLUSIVE USE OF CANOPY.

Fig.5. LABEL(CRANE : JP)

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

見出しNo. 1は
見出しNo. 2から7を含みます。
1 INC. 2~7.



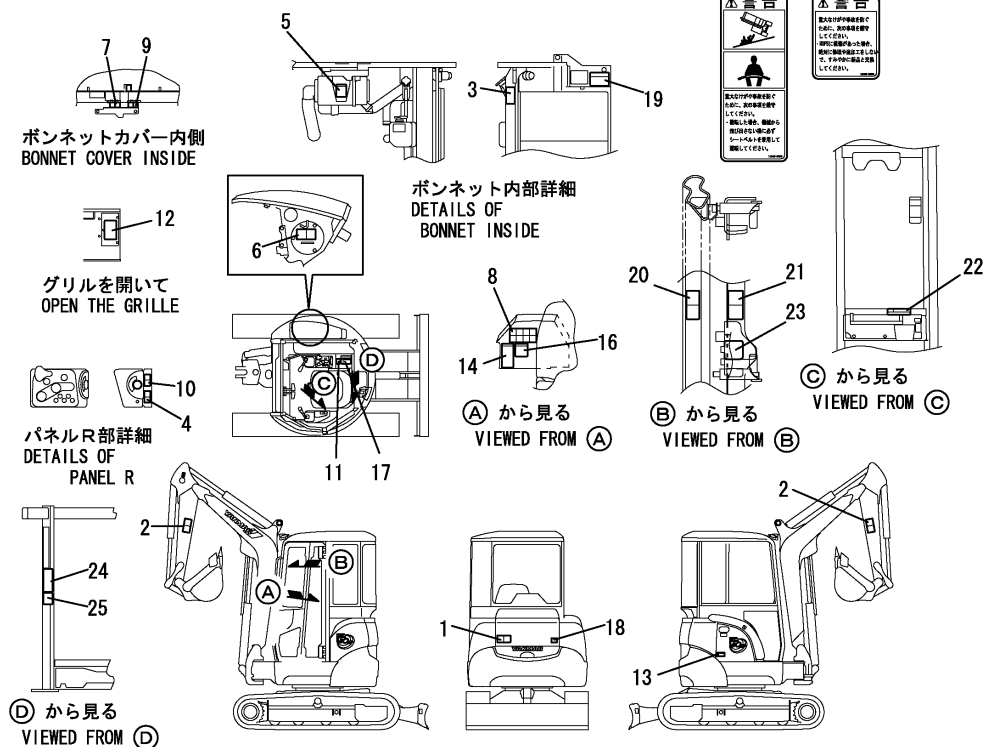
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A24-03200	LABEL SET(VIO27-3 K		1						
2	2	172425-03350	LABEL		2						
3	2	172425-03720	LABEL		1						
4	2	172A24-03740	LABEL,LOAD		1						
4-1	1	172A24-03741	LABEL,LOAD		1					N	1
		(B=M/#35001)									
5	2	172187-03750	LABEL		1						
6	2	172A24-03760	LABEL		1						
7	2	172187-03781	LABEL		1						

Remarks
(1)27-3B

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

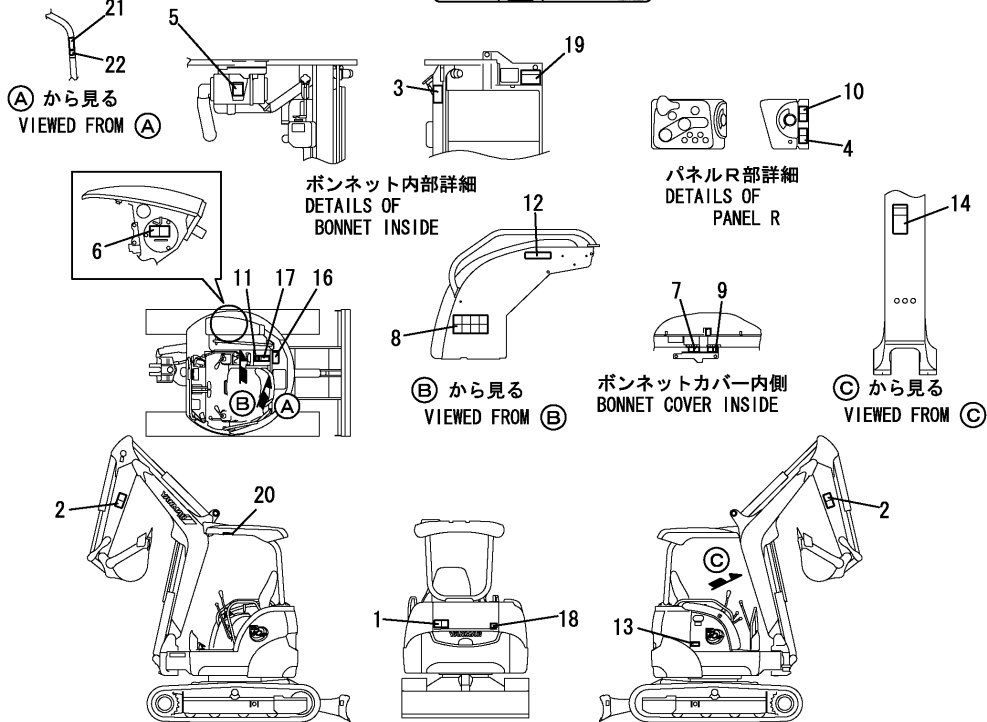
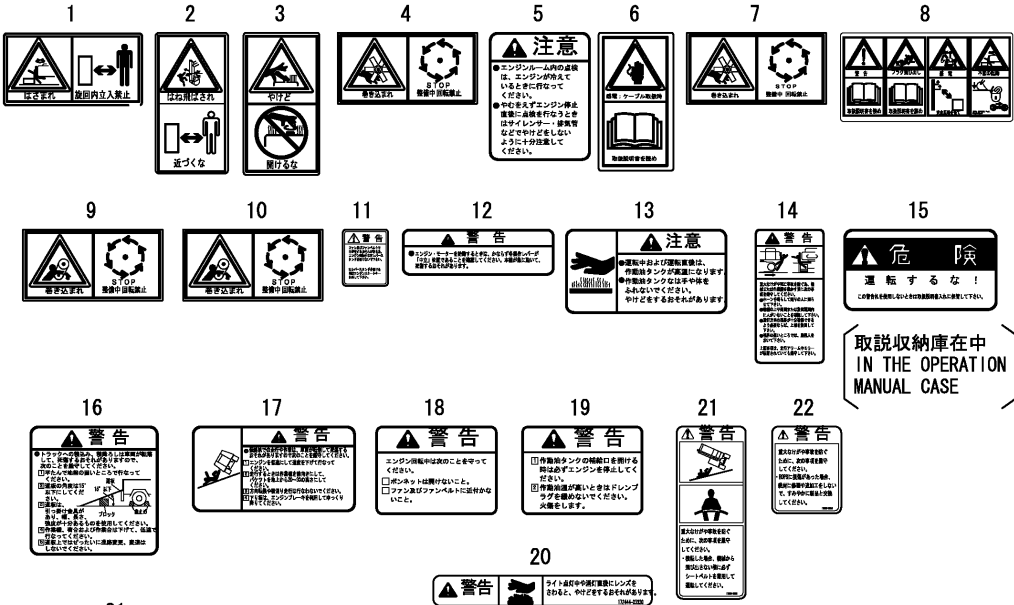
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Fig.6. SAFETY LABEL(CABIN : JP)



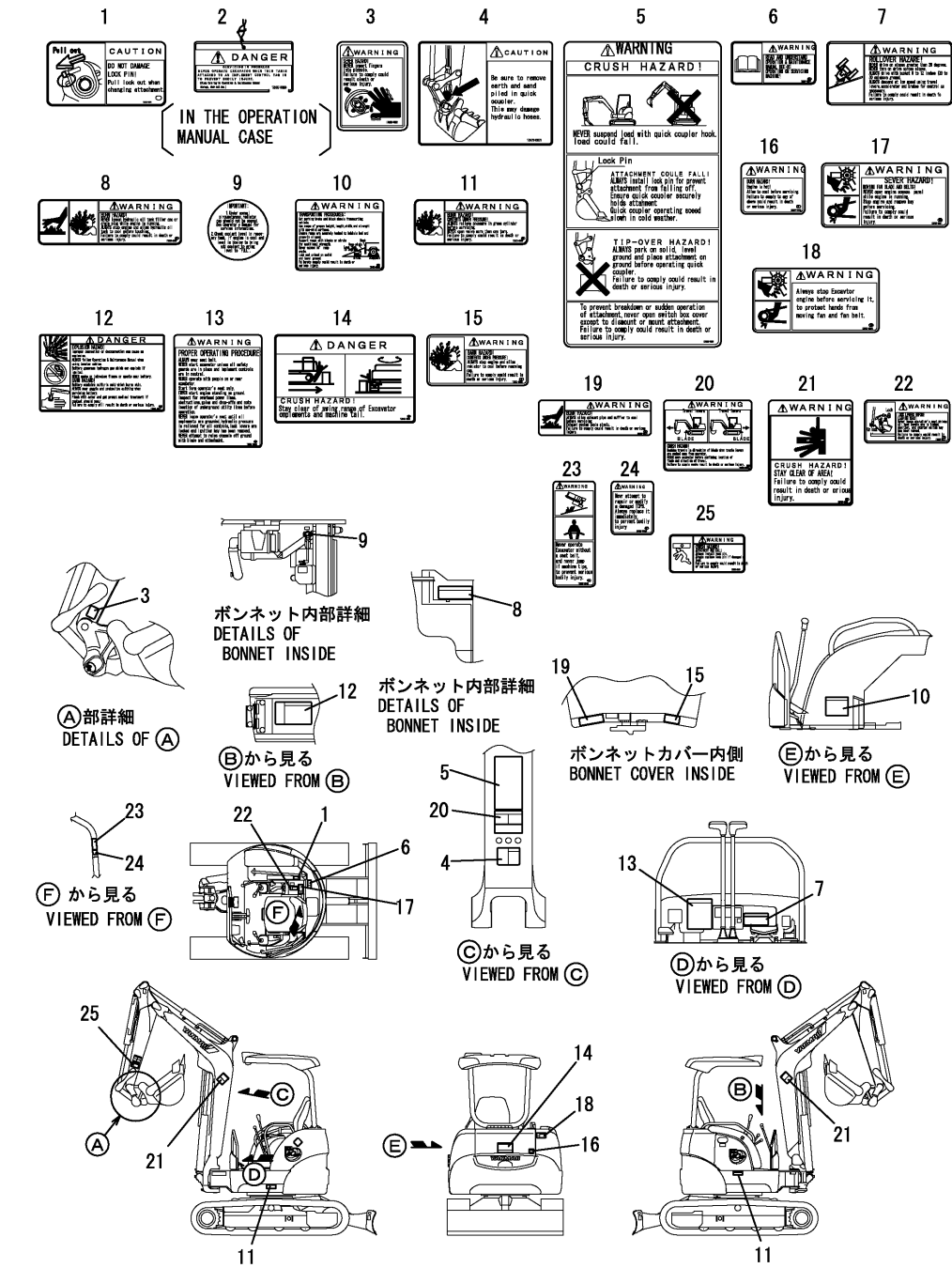
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172444-03170	LABEL	1							
2	1	172444-03181	LABEL	2							
3	1	172444-03190	LABEL	1							
4	1	172448-03190	LABEL,FAN	1							
5	1	172141-03202	LABEL,CAUTION	1							
6	1	172450-03200	LABEL,BATTERY	1							
7	1	172458-03200	LABEL,FAN	1							
8	1	172444-03210	LABEL	1							
9	1	172458-03210	LABEL,BELT	1							
10	1	172446-03220	LABEL,BELT	1							
11	1	172A23-03240	LAVEL,OPEN	1							
12	1	172444-03240	LABEL	1							
13	1	172142-03302	LABEL,CAUTION	1							
14	1	172964-03370	LABEL	1							
15	1	172964-03481	TAG ASSY, CAUTION	1							
16	1	172164-03510	LABEL,LOADING	1							
17	1	172164-03540	LABEL	1							
18	1	172519-04180	LABEL,WARNING	1							
19	1	172519-04290	LABEL,WARNING	1							
20	1	172445-03230	LABEL	1							
21	1	172458-03260	LABEL	1							
22	1	172A23-03300	LABEL	1							
23	1	172455-03520	LABEL	1							
24	1	172460-03230	LABEL,SEAT BELT	1							
25	1	172460-03241	LABEL,ROPS	1							

Fig.7. SAFETY LABEL(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	172444-03190	LABEL		1						
4	1	172448-03190	LABEL,FAN		1						
5	1	172141-03202	LABEL,CAUTION		1						
6	1	172450-03200	LABEL,BATTERY		1						
7	1	172458-03200	LABEL,FAN		1						
8	1	172444-03210	LABEL		1						
9	1	172458-03210	LABEL,BELT		1						
10	1	172446-03220	LABEL,BELT		1						
11	1	172A23-03240	LABEL,OPEN		1						
12	1	172444-03240	LABEL		1						
13	1	172142-03302	LABEL,CAUTION		1						
14	1	172964-03370	LABEL		1						
15	1	172964-03481	TAG ASSY, CAUTION		1						
16	1	172164-03510	LABEL,LOADING		1						
17	1	172164-03540	LABEL		1						
18	1	172519-04180	LABEL,WARNING		1						
19	1	172519-04290	LABEL,WARNING		1						
20	1	172444-03330	LABEL		1						
21	1	172460-03230	LABEL,SEAT BELT		1						
22	1	172460-03241	LABEL,ROPS		1						

Fig.8. SAFETY LABEL(CANOPY : EX)

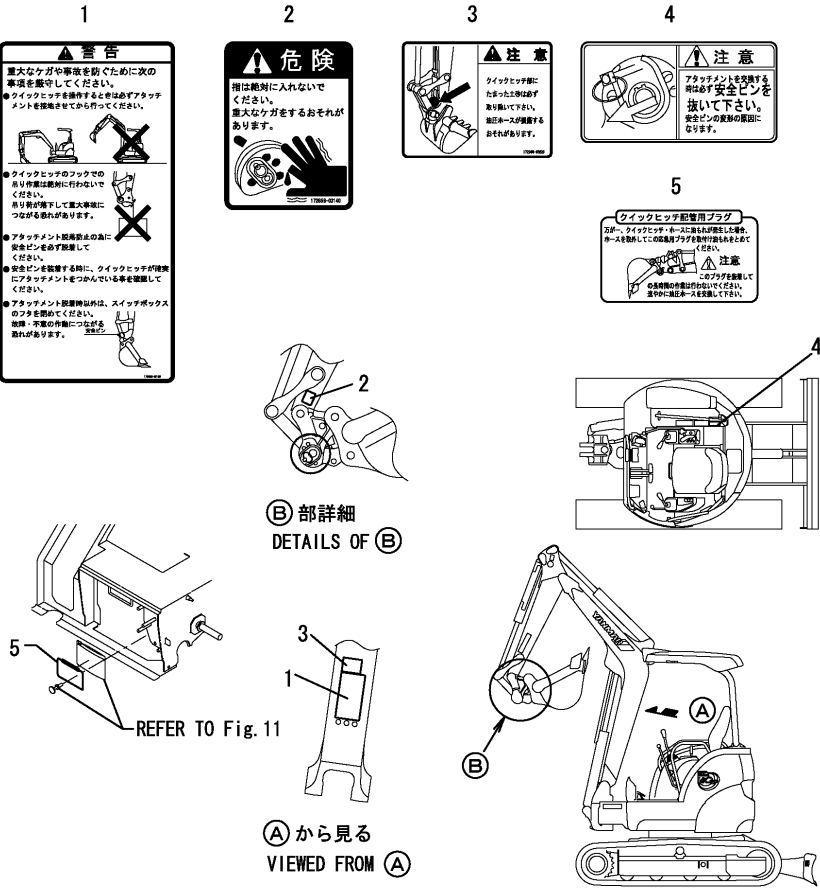


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03241	LABEL, PIN US			1					
2	1	172437-03250	TAG ASSY, CAUTION			1					
2-1	1	172437-03251	TAG ASSY, CAUTION (C=M/#31112)			1				N	
2-2	1	172437-03252	TAG ASSY, CAUTION (C=M/#31213)			1				N	
3	1	172472-03261	LABEL, FINGER US			1					
4	1	172472-03271	LABEL, SAND US			1					
5	1	172472-03281	LABEL, WARNING HITCH			1					
6	1	172437-03301	LABEL, MANUAL US			1					
6-1	1	172437-03302	LABEL, MANUAL US (C=M/#31213)			1				N	
7	1	172437-03311	LABEL, SLOPE US			1					
7-1	1	172437-03312	LABEL, SLOPE US (C=M/#31145)			1				N	
8	1	172437-03322	LABEL, HYD.OIL TANK			1					
9	1	172462-03320	LABEL			1					
10	1	172437-03342	LABEL, TRANSPORT US			1					
10-1	1	172437-03343	LABEL, TRANSPORT US (C=M/#31213)			1				N	
11	1	172437-03352	LABEL, GREASE CYL.			2					
12	1	172437-03361	LABEL, BATTERY US			1					
13	1	172437-03372	LABEL, NEUTRAL US			1					
14	1	172437-03381	LABEL, SWING AREA US			1					
15	1	172437-03391	LABEL, RADIATOR US			1					
16	1	172437-03402	LABEL, ENG. COVER US			1					
17	1	172A36-03411	LABEL, ENG ROOM			2					
18	1	172437-03411	LABEL (ENG ROOM US (C=M/#30997)			1				Z	
19	1	172437-03422	LABEL, MUFFLER US			1					
20	1	172437-03432	LABEL, STEERING US			1					
21	1	172437-03461	LABEL, BOOM US			2					
22	1	172437-03471	LABEL, LEVER LOCK US			1					
23	1	172437-03451	LABEL, SEAT BELT US			1					
24	1	172437-03441	LABEL, ROPS US			1					
25	1	172472-03330	LABEL, LOCK PIN (US (C=M/#30876)			1				W	

Fig.9. SAFETY LABEL(QUICK HITCH : JP)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



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

Fig.10. SAFETY LABEL(CRANE : JP)

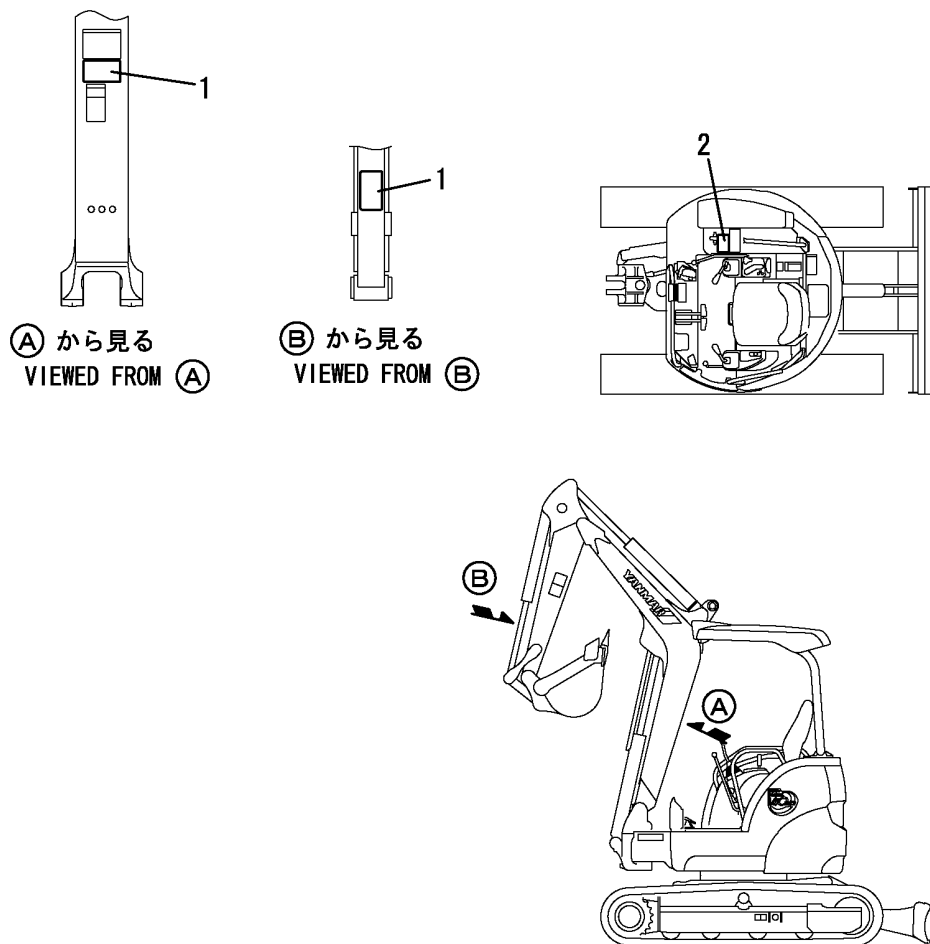
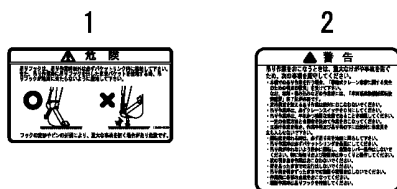
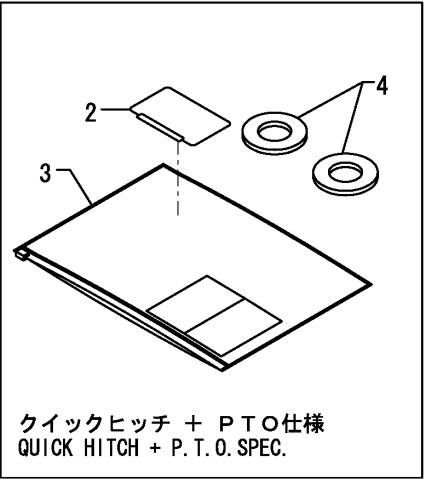
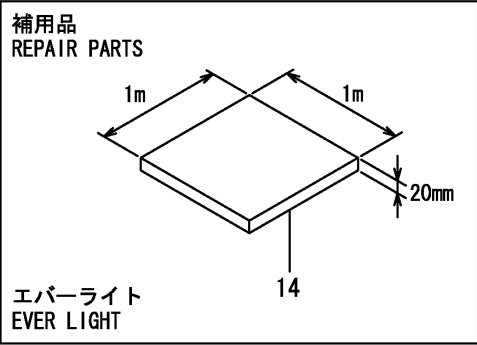
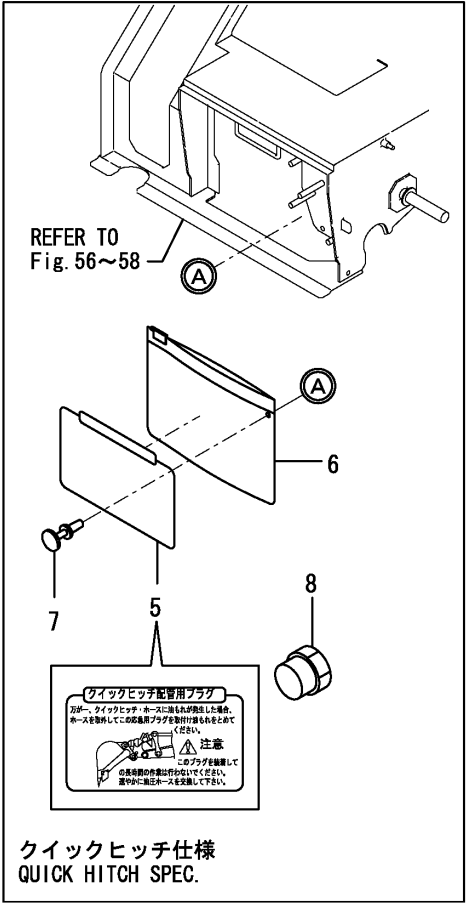
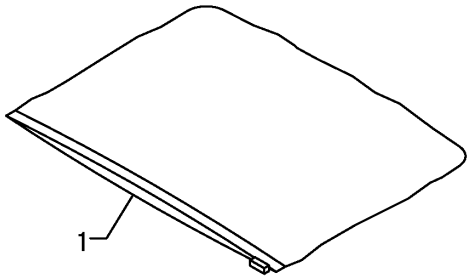
[illegible]

Fig.11. ACCESSORY

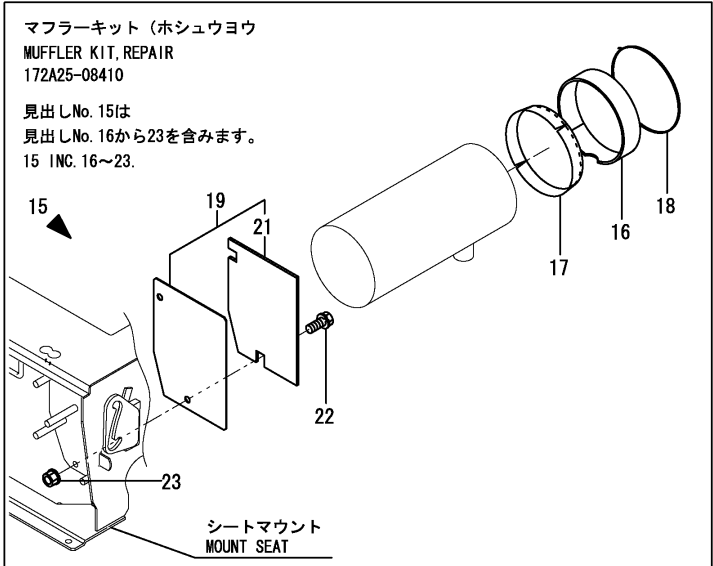
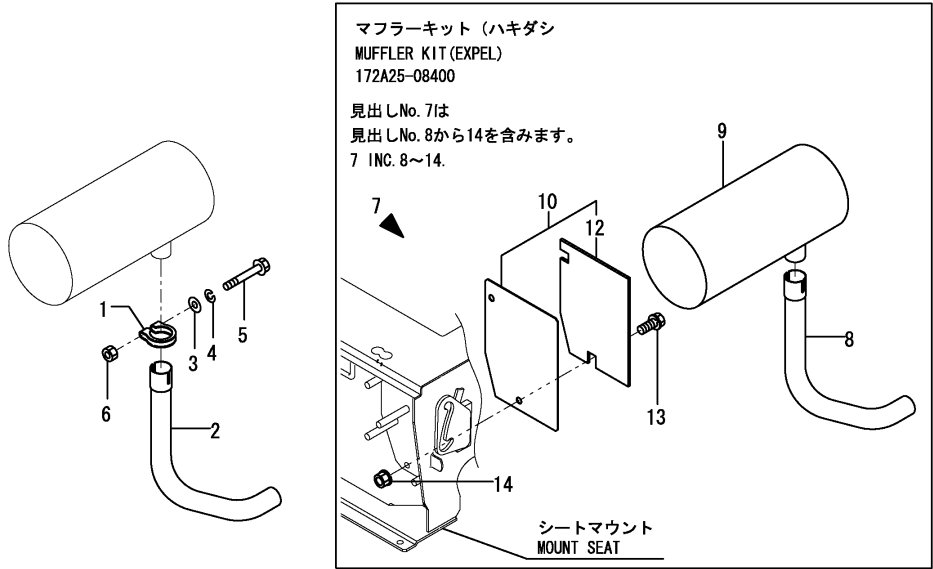


							OCK10-M39802 Fig.11					
				(A)=VIO27-3C(JP)	(D)=							
				(B)=VIO27-3P(JP)	(E)=							
				(C)=VIO27-3P(EX)	(F)=							
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172176-07330	BAG, MANUAL	1	1							
2	1	172958-03310	LABEL, COLLAR	1	1	1						
3	1	172958-07330	CASE, MANUAL	1	1	1						
4	1	172958-08110	COLLAR, 40X80X6	6	6	6						
5	1	172958-03300	LABEL, PLUG	1	1	1						
6	1	172958-05100	CASE, PLUG	1	1	1						
7	1	172958-05110	RIVET	1	1	1						
8	1	1E3030-78370	CAP, SCREW	4	4	4						
14	1	172478-65750	SPONGE	1	1	1						

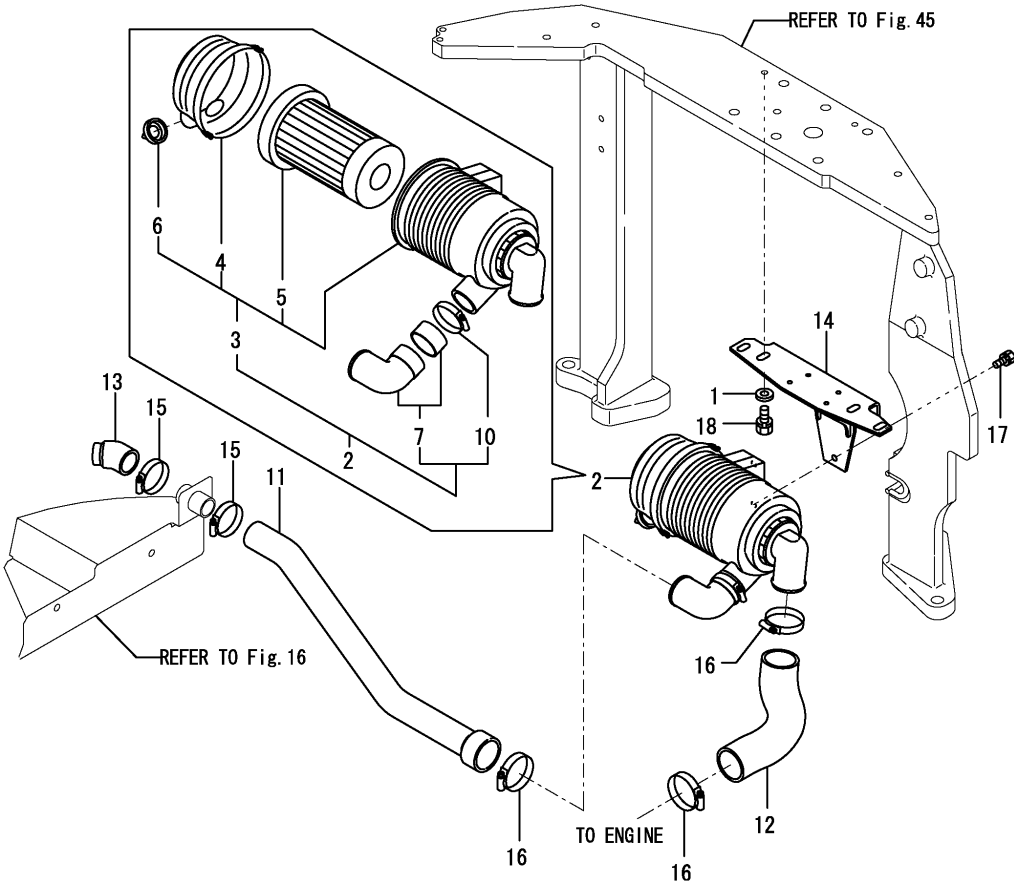
Fig.12. MUFFLER

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-11310	CLAMP	1	1	1					
2	1	172458-11310	PIPE, EXTENSION	1	1	1					
3	1	22117-080000	WASHER, 8	1	1	1					
4	1	22217-080000	WASHER, SPRING 8	1	1	1					
5	1	26106-080552	BOLT, M8X 55 PLATED	1	1	1					
6	1	26706-080002	NUT, M8	1	1	1					
7	1	172A25-08400	MUFFLER KIT,EXPEL	1	1	1					
8	2	172458-11320	PIPE, EXTENSION	1	1	1					
9	2	119813-13552	SILENCER	1	1	1					
10	2	172A25-64700	COVER ASSY, MUFFLER	1	1	1					
12	3	172A25-64720	WOOL, GLASS	1	1	1					
13	2	26013-100302	BOLT, M10X 30	2	2	2					
14	2	26051-100002	NUT, M10	2	2	2					
15	1	172A25-08410	MUFFLER KIT,REPAIR	1	1	1					
16	2	172A25-11100	GLASSMAT 150A	1	1	1					
17	2	172A25-11110	GLASSMAT 150B	1	1	1					
18	2	172A25-11120	SILENCER, BAND 150	1	1	1					
19	2	172A25-64700	COVER ASSY, MUFFLER	1	1	1					
21	3	172A25-64720	WOOL, GLASS	1	1	1					
22	2	26013-100302	BOLT, M10X 30	2	2	2					
23	2	26051-100002	NUT, M10	2	2	2					



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

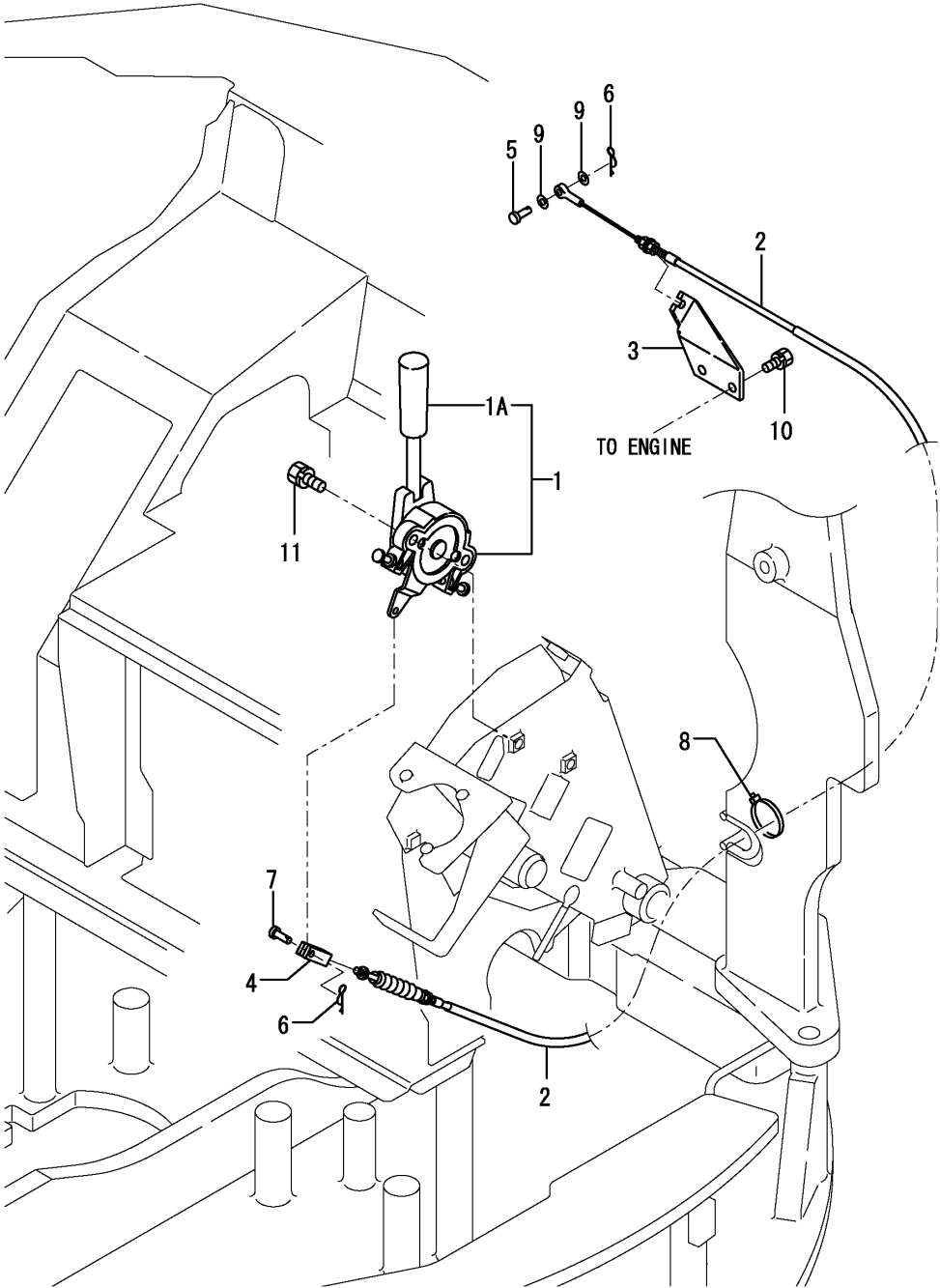
(D)=
(E)=
(F)=

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	172458-11500	CLEANER ASSY, AIR	1	1	1					
3	2	172458-11530	CLEANER, AIR	1	1	1					
4	3	172458-11650	COVER ASSY	1	1	1					
5	3	119808-12520	ELEMENT	1	1	1					
6	3	119808-12540	VALVE, UNLOADER	1	1	1					
7	2	129612-12560	ELBOW	1	1	1					
10	2	23000-060000	CLAMP, 60	1	1	1					
11	1	172458-11511	HOSE, SUC. A	1	1	1					
12	1	172458-11520	HOSE,SUC. B	1	1	1					
13	1	172458-11540	HOSE,SUC. C	1	1	1					
14	1	172458-11552	BRACKET ASSY,AIR CLE	1	1	1					
15	1	23000-048000	CLAMP, 48	2	2	2					
16	1	23000-070000	CLAMP, 70	3	3	3					
17	1	26013-080162	BOLT, M8X 16	2	2	2					
18	1	26013-100252	BOLT, M10X 25	2	2	2					

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

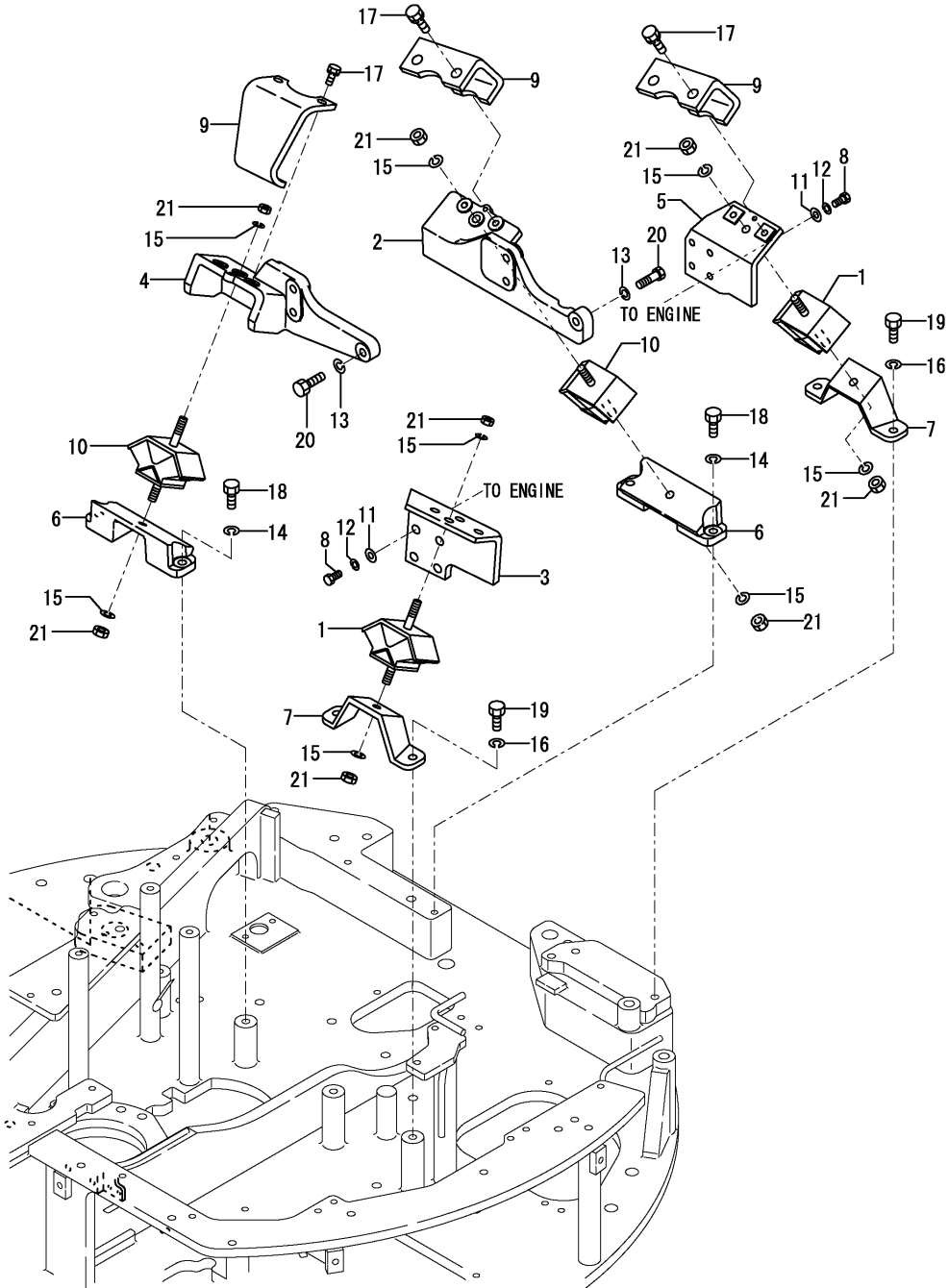
(D)=
(E)=
(F)=

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/#31173) (B=M/#31173) (C=M/#31173)											
1A-1	2	172A79-12150	GRIP	1	1	1					N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
2	1	172458-12110	CABLE, ACCELERATOR	1	1	1					
3	1	172490-12200	BRACKET,ACCEL W1RE73	1	1	1					
4	1	172137-12270	JOINT, CABLE	1	1	1					
5	1	172113-12522	PIN	1	1	1					
6	1	1C6281-52310	PIN, SNAP 6	2	2	2					
7	1	1A1040-56900	PIN, 6X17	1	1	1					
8	1	172122-79930	CLAMP, HOSE	1	1	1					
9	1	22137-060000	WASHER, 6	2	2	2					
10	1	26013-080162	BOLT, M8X 16	2	2	2					
11	1	26013-100252	BOLT, M10X 25	2	2	2					

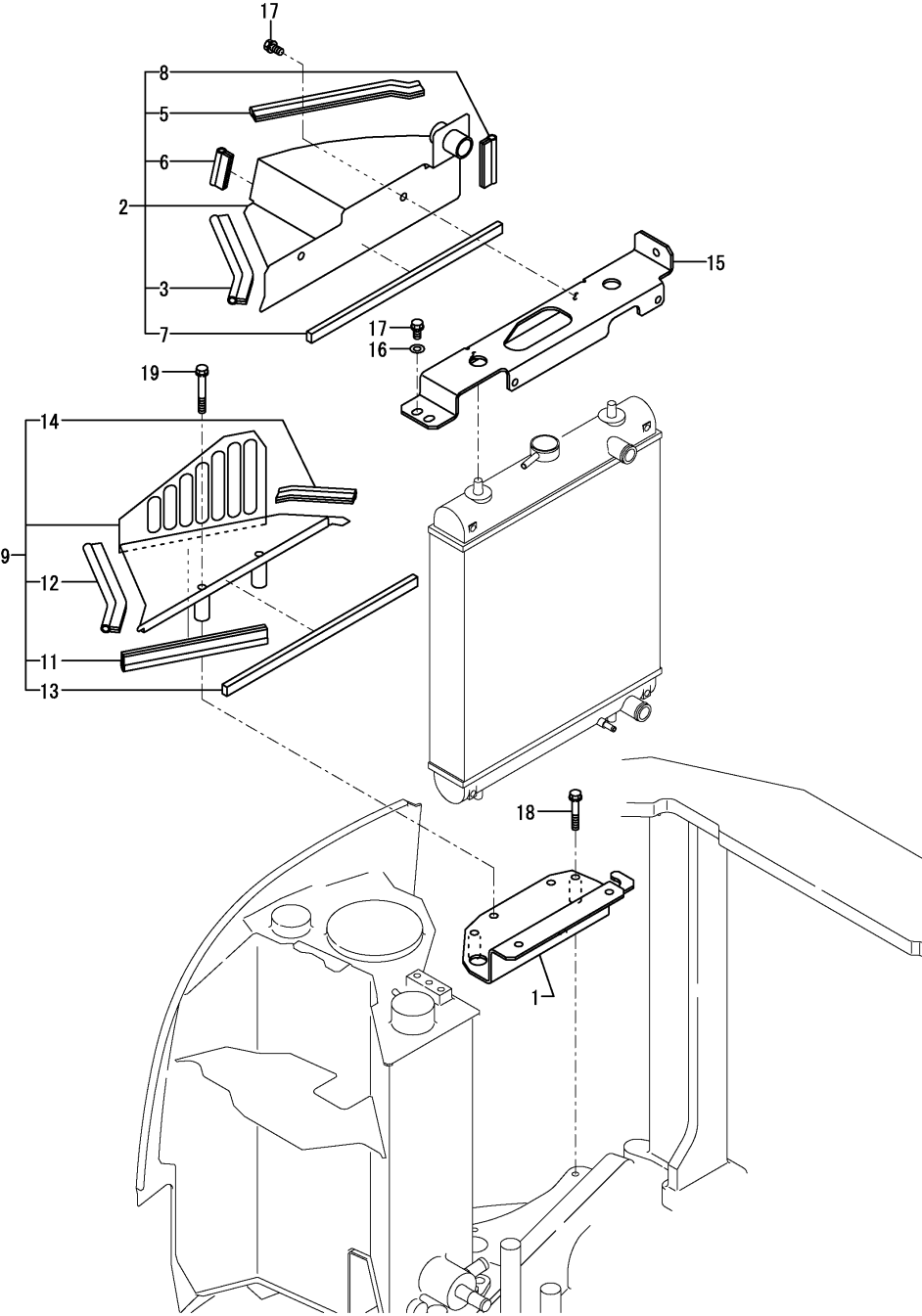


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

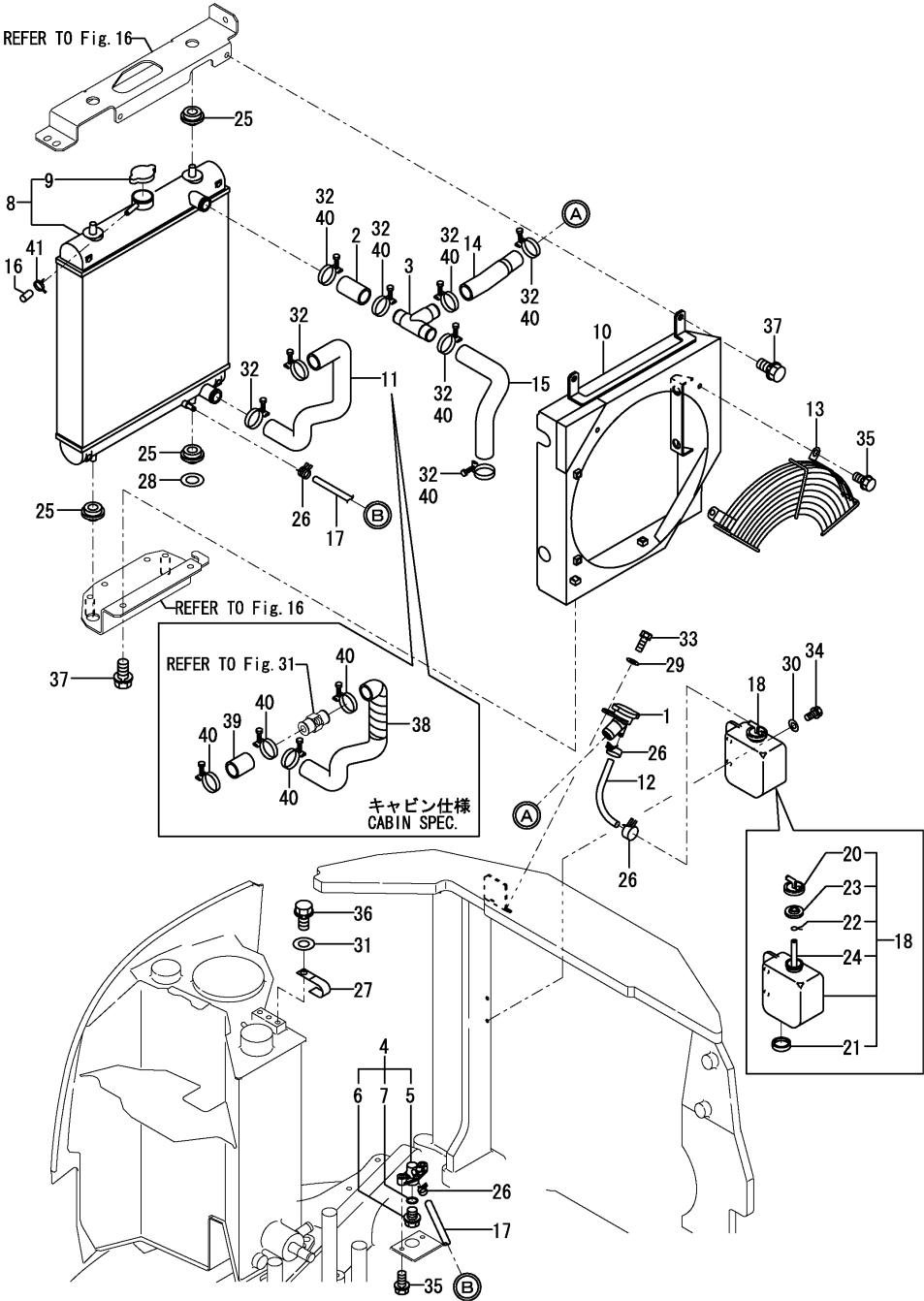


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	196420-02310	ABSORBER, SHOCK 230	2	2	2					
2	1	172458-13100	MOUNT,ENGINE	1	1	1					
3	1	172175-13110	PLATE, L (GRAY:73)	1	1	1					
4	1	172458-13110	MOUNT,ENGINE	1	1	1					
5	1	172490-13110	BRACKET,EN BR (73)	1	1	1					
6	1	172458-13120	BRACKET,ENGINE (73)	2	2	2					
7	1	172490-13150	BRACKET,ENGINE (73)	2	2	2					
8	1	172162-13200	BOLT M10X30	8	8	8					
9	1	172124-13230	STOPPER, ENGINE	3	3	3					
10	1	172168-13250	ABSORBER,SHOCK 180	2	2	2					
11	1	172137-46040	SEAT, SPRING	8	8	8					
11-1	1	172137-46041	SEAT, SPRING	8	8	8					N
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
11-2	1	172137-46042	SEAT, SPRING	8	8	8					N
(A=M/#35254) (B=M/#35254) (C=M/#35254)											
12	1	22217-100000	WASHER, SPRING 10	8	8	8					
13	1	22217-120000	WASHER, SPRING 12	6	6	6					
14	1	22217-120000	WASHER, SPRING 12	4	4	4					
15	1	22217-120000	WASHER, SPRING 12	8	8	8					
16	1	22217-120000	WASHER, SPRING 12	4	4	4					
17	1	26013-100252	BOLT, M10X 25	6	6	6					
18	1	26076-120352	BOLT, 10.912X 35	4	4	4					
19	1	26076-120352	BOLT, 10.912X 35	4	4	4					
20	1	26076-120402	BOLT, 10.912X 40	6	6	6					
21	1	26716-120002	NUT, M12	8	8	8					



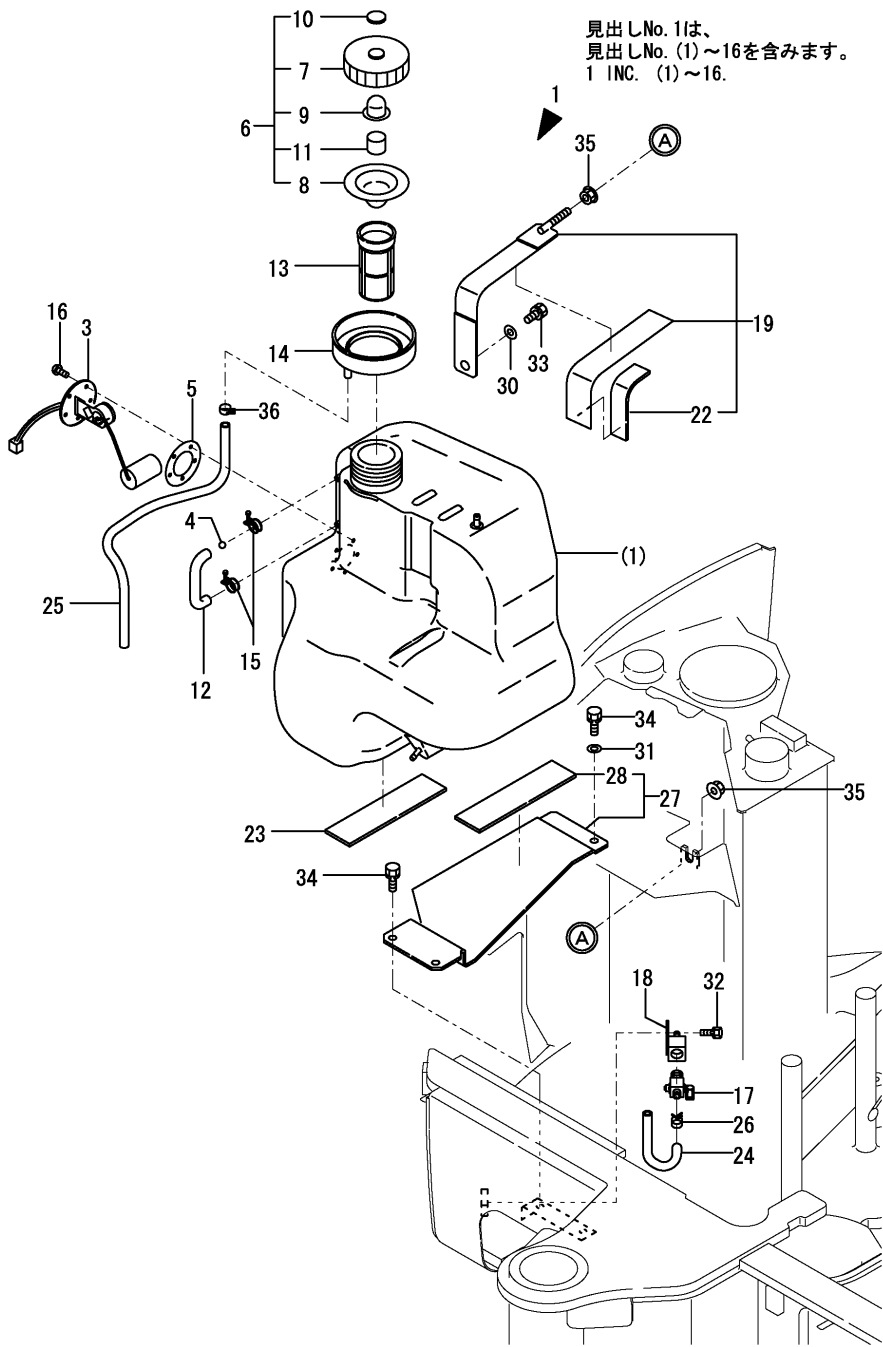
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-13340	PLATE ASSY RADIATOR	1	1	1					
2	1	172A25-13750	PRATEASSY,UP	1	1	1					
3	2	172183-13480	RUBBER, SEAL	1	1	1					
5	2	172444-65680	RUBBER, SEAL	1	1	1					
6	2	172456-65790	RUBBER, SEAL	1	1	1					
7	2	172478-65800	SEAL, SPONGE	1	1	1					
8	2	172164-66650	RUBBER, SEAL	1	1	1					
9	1	172A25-13800	DUCT ASSY	1	1	1					
11	2	172444-54910	SEAL, WEIGHT	1	1	1					
12	2	172168-65790	RUBBER, SEAL	1	1	1					
13	2	172478-65800	SEAL, SPONGE	1	1	1					
14	2	172456-65860	RUBBER, SEAL	1	1	1					
15	1	172A25-13830	MOUNTU ASSY,RADIATOR	1	1	1					
16	1	22137-100000	WASHER, 10	3	3	3					
17	1	26013-100202	BOLT, M10X 20	5	5	5					
18	1	26013-100552	BOLT, M10X 55	2	2	2					
19	1	26013-100702	BOLT, M10X 70	2	2	2					

Fig.17. RADIATOR & SUB-TANK



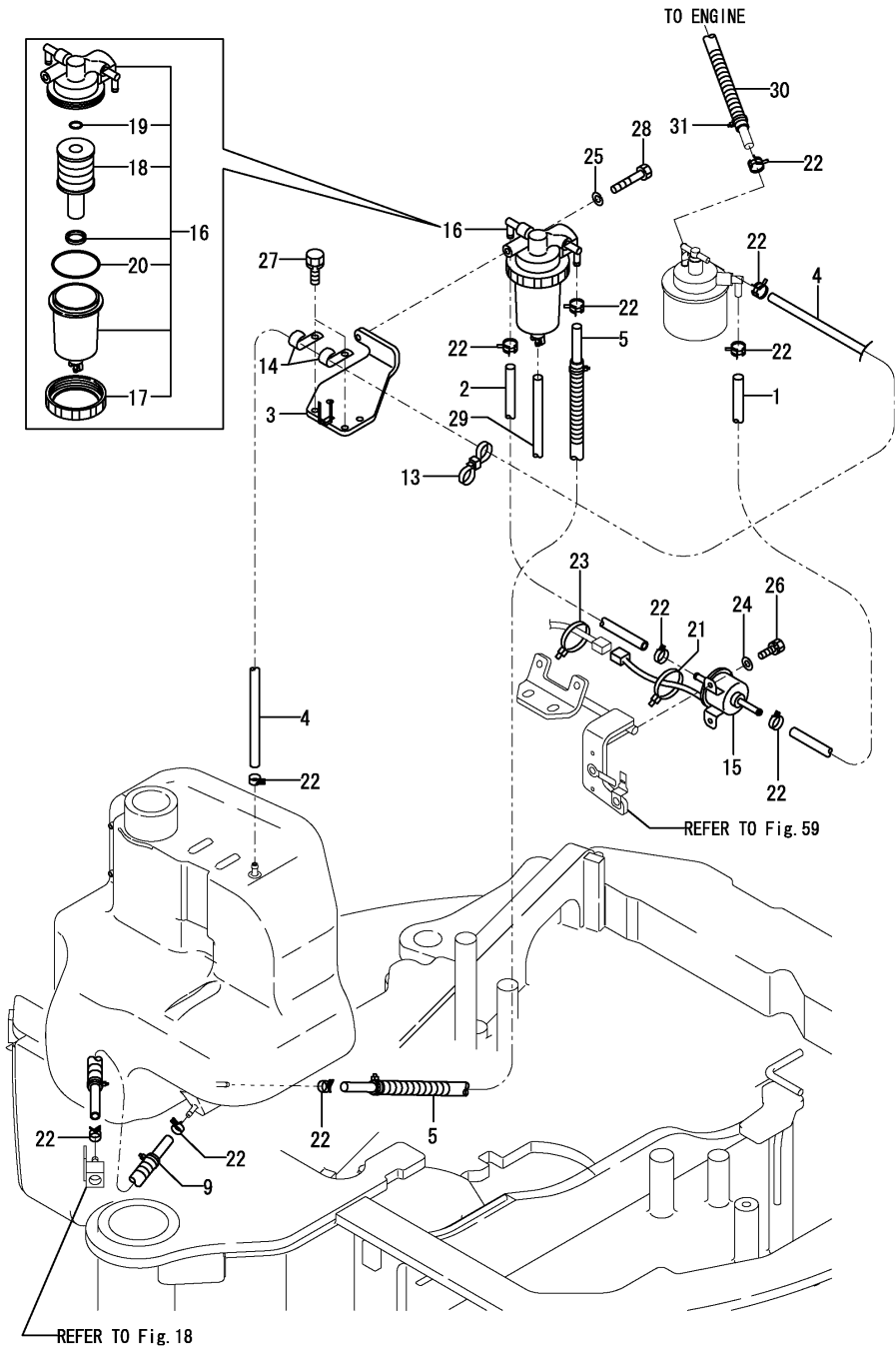
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4105-11950	FILLER ASSY	1	1	1					
2	1	172A25-13180	PIPE, WATER	1	1	1					
3	1	172A25-13192	JOINT ASSY, PIPE	1	1	1					
4	1	172444-13210	COCK ASSY, 2-WAY	1	1	1					
5	2	172444-13220	BODY	1	1	1					
6	2	121250-49121	PLUG, DRAIN	1	1	1					
7	2	24311-000160	O-RING, 1AP16.0	1	1	1					
8	1	172490-13300	RADIATOR ASSY	1	1	1					
9	2	129107-44590	CAP, RADIATOR	1	1	1					
10	1	172A25-13411	SHROUD ASSY	1	1	1					
11	1	172490-13511	PIPE, WATER	1	1	1					
12	1	172458-13530	HOSE 140	1	1	1					
13	1	172423-13551	NET, WIRE	1	1	1					
14	1	172A25-13561	PIPE, WATER	1	1	1					
15	1	172A25-13570	PIPE, WATER	1	1	1					
16	1	172498-14120	CAP, DRAIN	1	1	1					
16-1	1	129457-44520	CAP	1	1	1					N
(A=M/#30958) (B=M/#30958) (C=M/#30958)											
17	1	172171-14610	HOSE 260,FUEL	1	1	1					
18	1	121468-44510	TANK ASSY, SUB	1	1	1					
20	2	121450-44531	CAP	1	1	1					
21	2	121468-44540	PLUG, SUB-TANK	1	1	1					
22	2	124450-44560	RETAINER	1	1	1					
23	2	121470-44581	GASKET	1	1	1					
24	2	23065-070130	PIPE, 7X 130	1	1	1					
25	1	184015-44680	RUBBER, RADIATOR	4	4	4					
26	1	124766-59050	CLIP, HOSE 12	4	4	4					
27	1	1A1380-59480	CLAMP, CORD	1	1	1					
28	1	172156-81430	SHIM	1	1	1					
29	1	22137-060000	WASHER, 6	2	2	2					
30	1	22137-060000	WASHER, 6	2	2	2					
31	1	22137-100000	WASHER, 10	1	1	1					
32	1	23001-041000	CLAMP, HOSE 41		8	8					
33	1	26013-060162	BOLT, M6X 16	2	2	2					
34	1	26013-060202	BOLT, M6X 20	2	2	2					
35	1	26013-080162	BOLT, M8X 16	4	4	4					
36	1	26013-100162	BOLT, M10X 16	1	1	1					
37	1	26013-100202	BOLT, M10X 20	4	4	4					
38	1	172490-13551	PIPE, WATER	1							
39	1	172490-13560	PIPE, WATER	1							
40	1	23001-041000	CLAMP, HOSE 41	10							
41	1	124766-59050	CLIP, HOSE 12	1	1	1					
41-1	1	129457-44530	CLAMP	1	1	1					N
(A=M/#30958) (B=M/#30958) (C=M/#30958)											

Fig.18. FUEL TANK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772458-14101	TANK ASSY, FUEL	1	1	1					
3	2	172458-14151	GAUGE ASSY, FUEL	1	1	1					
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=M/#35253) (B=M/#35253) (C=M/#35253)											
13	2	172183-14250	FILTER (FUEL	1	1	1					
14	2	172458-14370	SUMP, FUEL	1	1	1					
15	2	23000-013000	CLAMP, 13	2	2	2					
16	2	26022-050122	SCREW, M5X12	5	5	5					
17	1	104200-11920	COCK, WATER	1	1	1					
18	1	172444-14270	JOINT, DRAIN	1	1	1					
19	1	172458-14300	CLAMP ASSY, FUEL	1	1	1					
22	2	172458-14380	RUBBER PLATE D,FO	1	1	1					
23	1	172458-14340	RUBBER PLATE A,FO	1	1	1					
24	1	172444-14410	HOSE	1	1	1					
25	1	172458-14510	HOSE 9.5 X 750	1	1	1					
26	1	106990-44660	CLIP, HOSE 12.5	1	1	1					
27	1	172458-62240	STEP ASSY, TANK	1	1	1					
28	2	172458-14340	RUBBER PLATE A,FO	1	1	1					
30	1	22137-100000	WASHER, 10	1	1	1					
31	1	22137-100000	WASHER, 10	1	1	1					
32	1	26013-080202	BOLT, M8X 20	1	1	1					
33	1	26013-100202	BOLT, M10X 20	1	1	1					
34	1	26013-100202	BOLT, M10X 20	3	3	3					
35	1	26367-100002	NUT, M10	2	2	2					
36	1	23080-013000	CLAMP, 13	1	1	1					W
(A=M/#30901) (B=M/#30901) (C=M/#30901)											

Fig.19. FUEL LINE

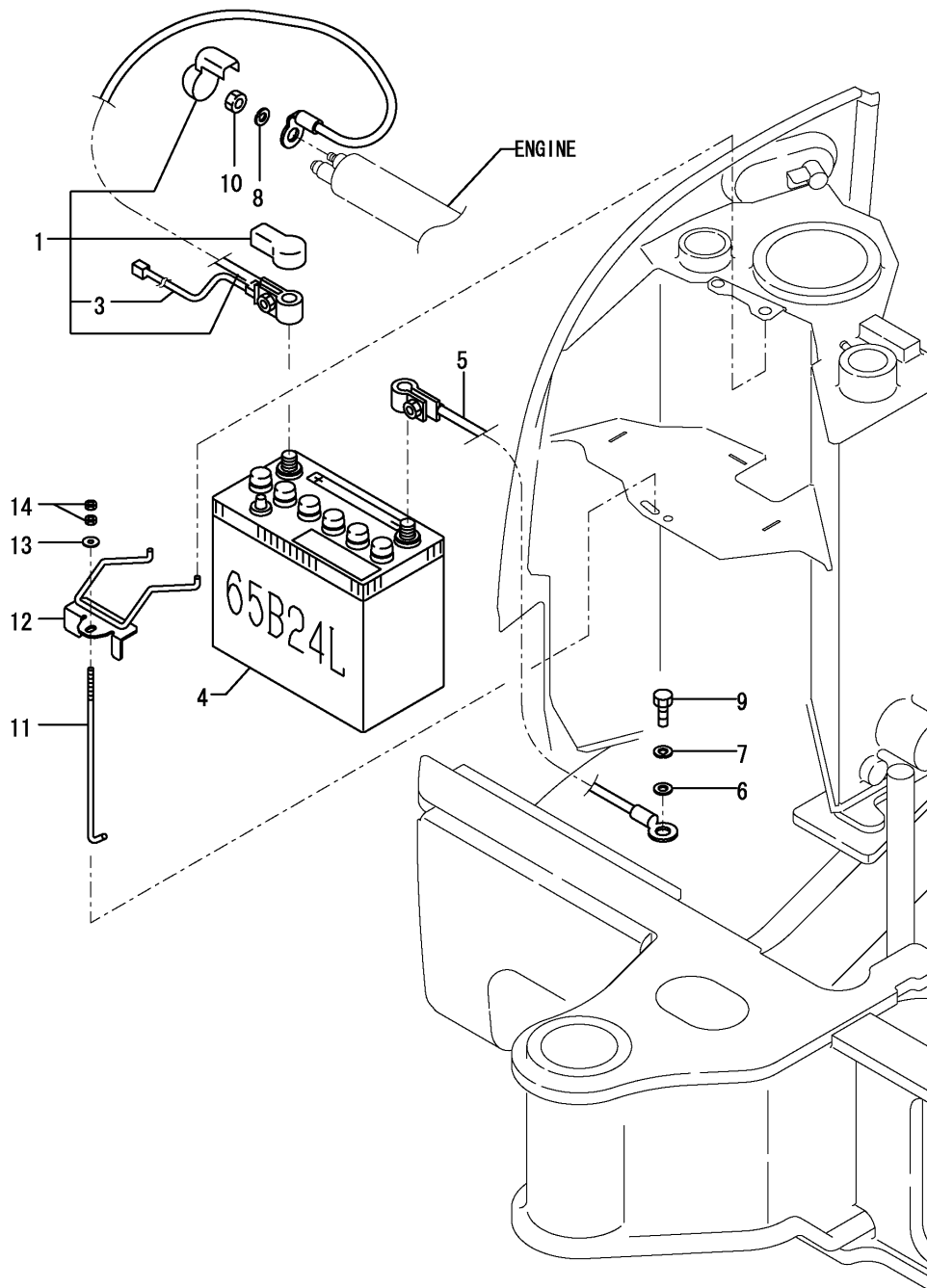


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1E6511-03220	HOSE, FUEL	1	1	1					
2	1	172171-13461	HOSE 7.5X13	1	1	1					
3	1	172A25-14590	STAY ASSY	1	1	1					
4	1	172176-14620	HOSE 1360	1	1	1					
5	1	172458-14630	HOSE 1700 ASSY	1	1	1					
9	1	172458-14660	HOSE 210 ASSY	1	1	1					
13	1	172137-16560	BAND	2	2	2					
14	1	194440-51620	CLAMP	2	2	2					
15	1	129612-52100	PUMP ASSY, FUEL FEED	1	1	1					
16	1	184016-55700	SEPARATOR ASSY,WATER	1	1	1					
16-1	1	184016-55701	SEPARATOR ASSY,WATER	1	1	1					N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
17	2	129100-55690	RING, RETAINING	1	1	1					
18	2	119802-55710	ELEMENT	1	1	1					
19	2	24311-000160	O-RING, 1AP16.0	1	1	1					
20	2	24321-000650	O-RING, 1AG65.0	1	1	1					
21	1	194202-56460	BAND, 200	1	1	1					
22	1	124766-59050	CLIP, HOSE 12	11	11	11					
23	1	172122-79930	CLAMP, HOSE	1	1	1					
24	1	22137-060000	WASHER, 6	2	2	2					
25	1	22217-080000	WASHER, SPRING 8	1	1	1					
26	1	26013-060162	BOLT, M6X 16	2	2	2					
27	1	26013-080202	BOLT, M8X 20	4	4	4					
28	1	26116-080702	BOLT, M8X 70 PLATED	1	1	1					
29	1	23061-050500	PIPE, 5X 500	1	1	1					
30	1	172A25-14650	TUBE, CORRUGATED	1	1	1					W
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
31	1	933168-55770	BAND 146	1	1	1					W
(A=M/#35036) (B=M/#35036) (C=M/#35036)											

Fig.20. BATTERY



No.	Lev.	Parts No.	Description	(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-16100	CORD ASSY, BATTERY	1	1	1					
3	2	172458-16140	HARNESS C	1	1	1					
4	1	172458-16110	BATTERY	1	1	1					
5	1	172A25-16120	CORD, BATTERY	1	1	1					
6	1	22137-080000	WASHER, 8	1	1	1					
7	1	22217-080000	WASHER, SPRING 8	1	1	1					
8	1	22217-080000	WASHER, SPRING 8	1	1	1					
9	1	26116-080162	BOLT, M8X 16 PLATED	1	1	1					
10	1	26716-080002	NUT, M8	1	1	1					
11	1	172725-16160	ROD, CLAMP	1	1	1					
12	1	172458-16300	CLAMP ASSY, BATTERY	1	1	1					
13	1	22157-060000	WASHER, 6	1	1	1					
14	1	26716-060002	NUT, M6	2	2	2					

Fig.21. ELECTRIC PART(WIRING)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND 300	4	4	4					
1-1	1	172126-11510	BAND 300	8	8	8					K
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
2	1	172A23-14200	SUPPORT, CONNECTOR		1	1					
3	1	172A25-16500	HARNESS ASSY ,A	1	1	1					
5	2	172458-16550	HUSE,SLOW BLOW (50A	1	1	1					
6	2	172447-17140	HOUSING	1	1	1					
7	2	172648-16600	DIODE	2	2	2					
8	1	172A25-16520	HARNESS,B ASSY	1	1	1					
8-1	1	172A25-16521	HARNESS B ASSY	1	1	1					
(A=M/#30997) (B=M/#30997) (C=M/#30997)											
10	2	172175-17120	PULLER	1	1	1					
11	2	172187-17220	COVER	1	1	1					
13	2	29420-050000	FUSE, B 5A	2	2	2					
14	2	29420-150000	FUSE, B 15A	6	6	6					
15	2	29420-300000	FUSE, B 30A	2	2	2					
16	1	172458-16531	HARNESS, BOOM LAMP	1	1	1					
17	1	172A23-16540	HARNESS,CONECT	1	1	1					
18	1	172137-16560	BAND	2	2	2					
19	1	172458-16562	HARNESS,CANOPY LAMP		1	1					
20	1	172A23-16600	SUPPORT ASSY	1	1	1					
21	1	172460-16700	STAY	1	1	1					
22	1	194680-51670	BAND, CLIP	4	4	4					
23	1	172480-54150	PLUG-T,FRAME		1	1					W
(B=*2004.09) (C=*2004.09)											
24	1	172958-64500	PLUGE 28X302 Q	1	1	1					
25	1	22137-080000	WASHER, 8	1	1	1					
26	1	22137-100000	WASHER, 10	1	1	1					
27	1	22137-120000	WASHER, 12	2	2	2					
28	1	22217-060000	WASHER, SPRING 6	1	1	1					
29	1	22217-120000	WASHER, SPRING 12	2	2	2					
30	1	26013-080162	BOLT, M8X 16	1	1	1					
31	1	26013-100162	BOLT, M10X 16	2	2	2					
32	1	26013-100202	BOLT, M10X 20	1	1	1					
33	1	26013-100202	BOLT, M10X 20		1	1					
34	1	26116-120162	BOLT, M12X 16 PLATED	2	2	2					
35	1	26716-060002	NUT, M6	1	1	1					
36	1	933171-15801	CORD, ENGINE EARTH	1	1	1					
37	1	22137-060000	WASHER, 6	2	2	2					
38	1	26013-060202	BOLT, M6X 20	2	2	2					

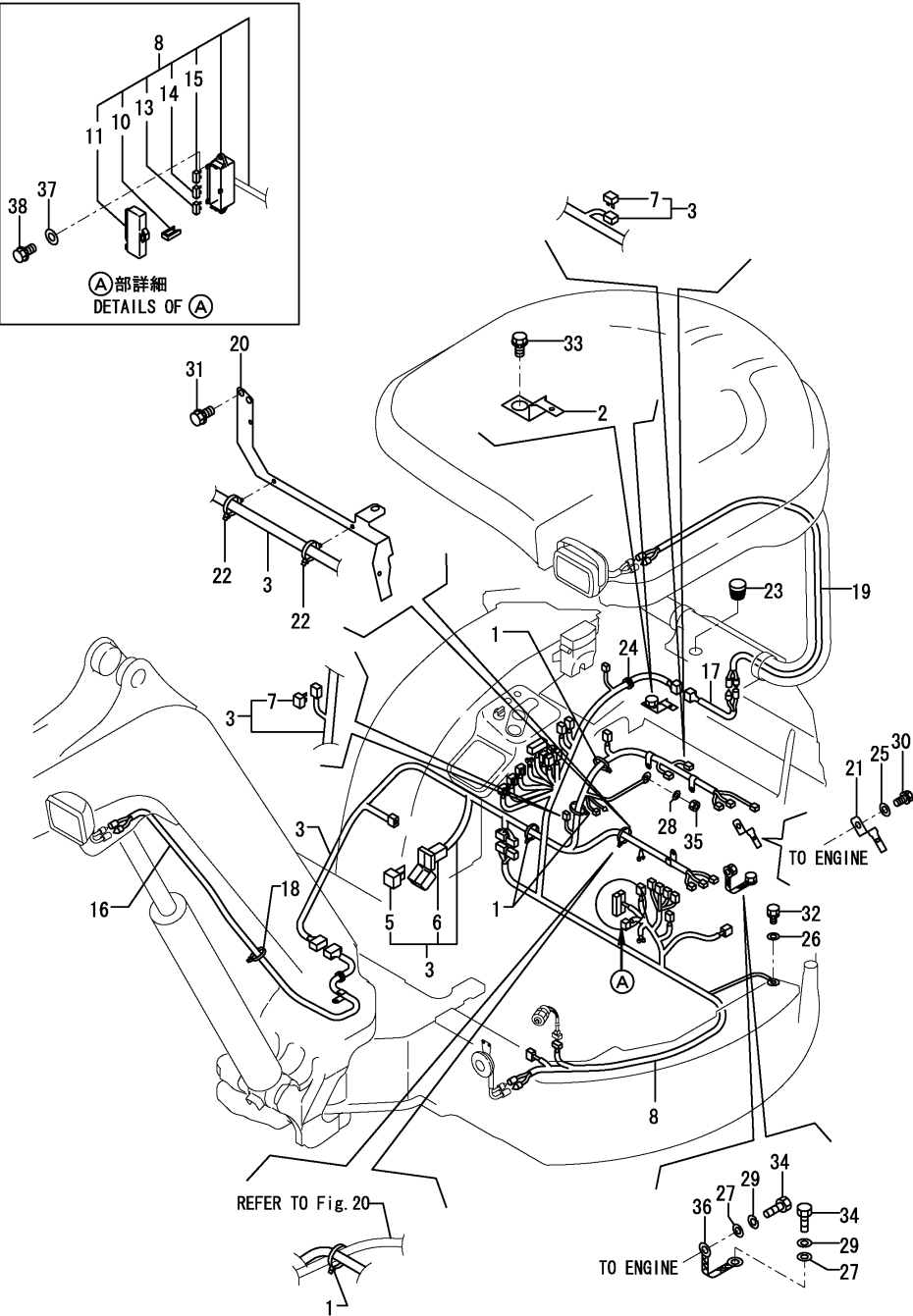
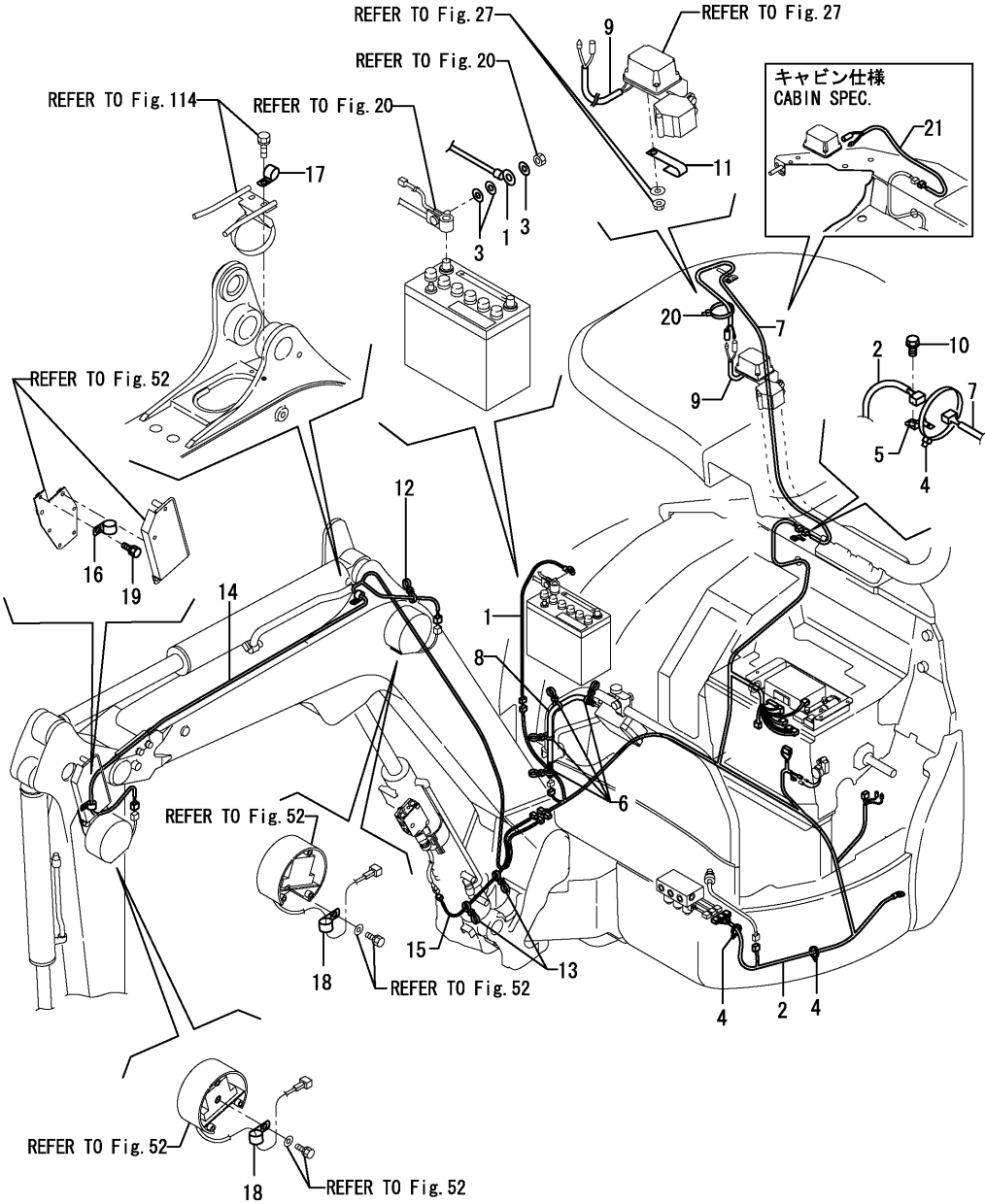


Fig.22. ELECTRIC PART(WIRING : CRANE)

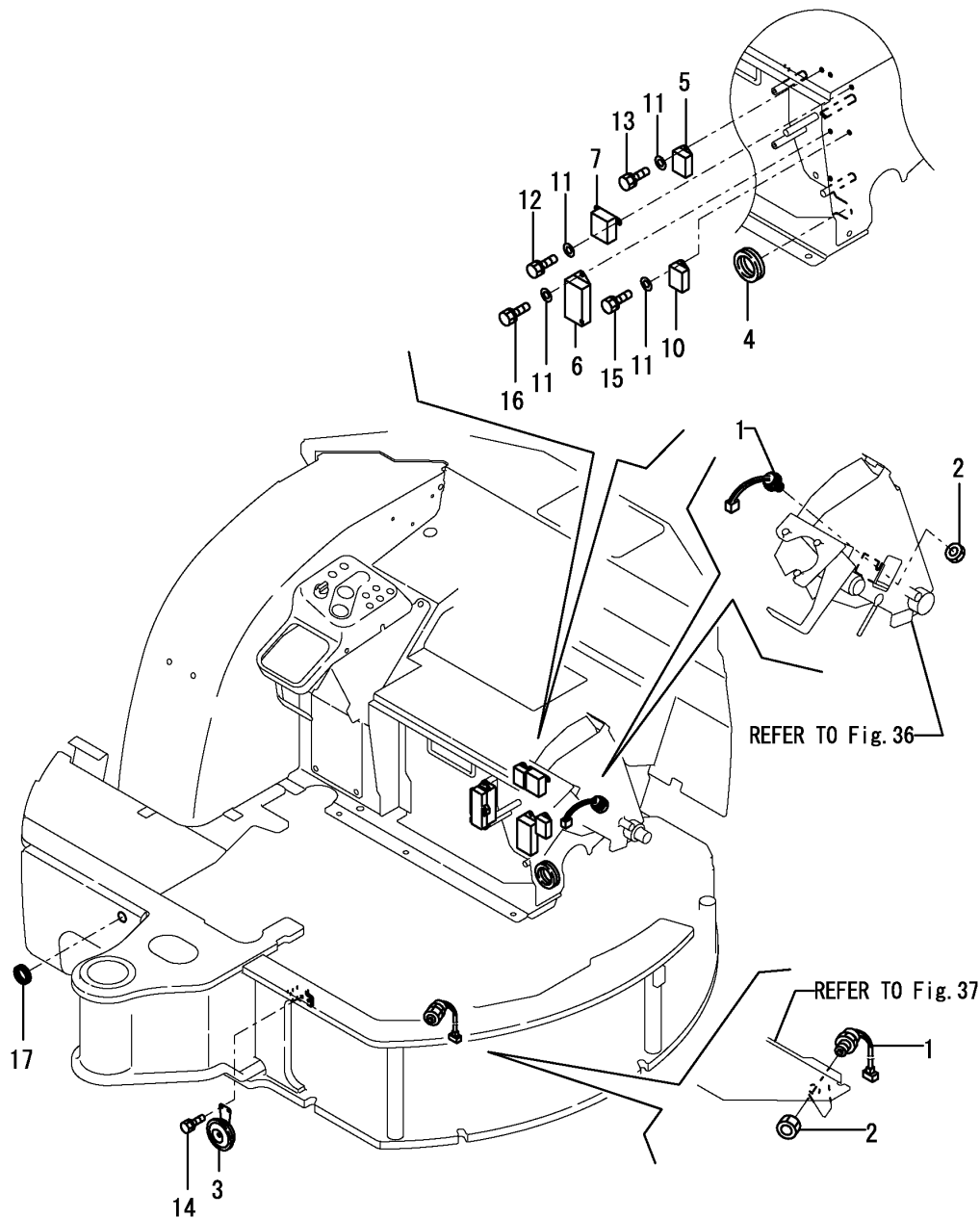


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172732-16560	LINK, FUSIBLE	1	1						
2	1	172A25-16710	HARNESS,C-B	1	1						
3	1	22137-060000	WASHER, 6	3	3						
4	1	933152-09280	BAND 170	6	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, M10X 20		1						
11	1	172126-16540	CLAMP		1						
12	1	172137-16560	BAND	6	6						
13	1	172137-16560	BAND	2	2						
14	1	172A25-16720	HARNESS,C-C	1	1						
15	1	172A25-16740	HARNESS,C-E	1	1						
16	1	184016-44300	CLAMP, WRC12	1	1						
17	1	172183-46440	CLAMP, WRC10	1	1						
18	1	172183-46440	CLAMP, WRC10	2	2						
19	1	26013-080162	BOLT, M8X 16	1	1						
20	1	933152-09280	BAND 170	1	1						
21	1	172A25-16750	HARNESS, C-F	1							

Fig.23. ELECTRIC PART(EQUIPMENT)

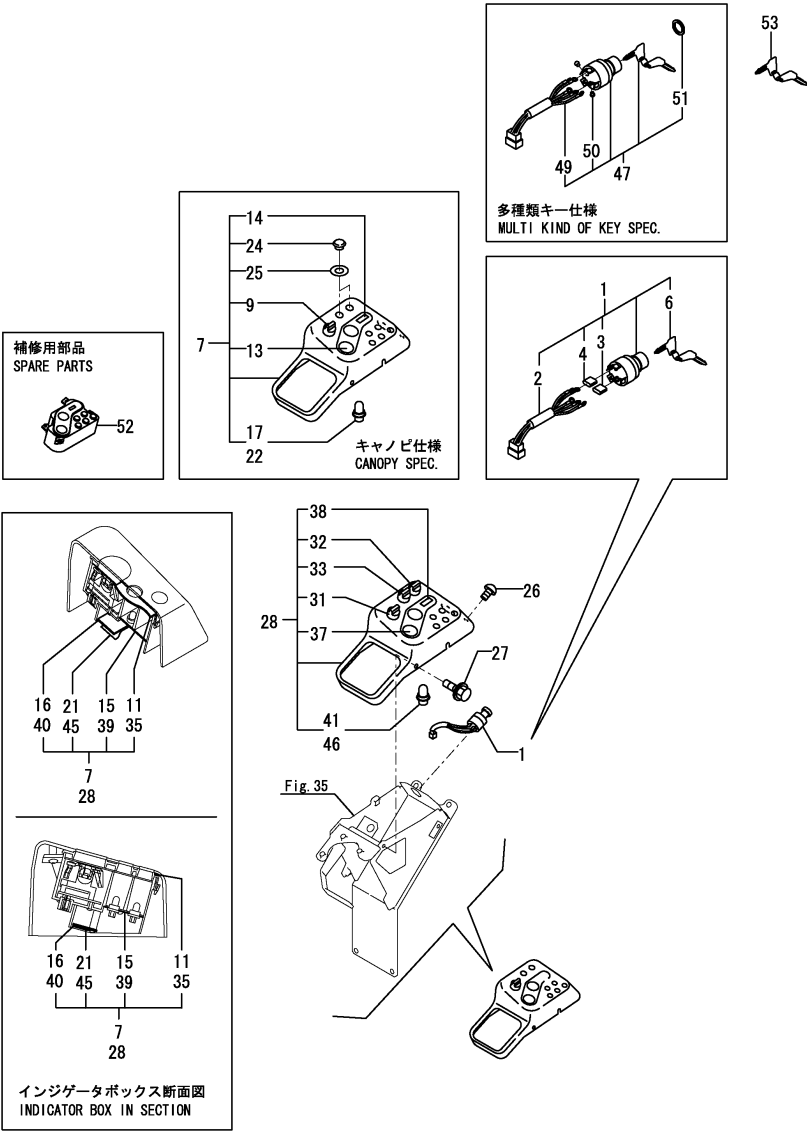


No.	Lev.	Parts No.	Description	(A)=VIO27-3C(JP)	(B)=VIO27-3P(JP)	(C)=VIO27-3P(EX)	(D)=	(E)=	(F)=	I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194464-52190	SWITCH, SAFETY START	2	2	2					
2	1	26776-180002	NUT, LOCK M18	2	2	2					
3	1	194151-57100	HORN	1	1	1					
4	1	172165-62800	GROMMET	1	1	1					
5	1	119247-77100	RELAY, SAFETY	1	1	1					
6	1	119802-77200	RELAY, SAFETY	1	1	1					
7	1	119650-77910	RELAY ASSY, GLOW	1	1	1					
10	1	129211-77920	TIMER	1	1	1					
11	1	22137-060000	WASHER, 6	8	8	8					
12	1	26013-060122	BOLT, M6X 12	2	2	2					
13	1	26013-060122	BOLT, M6X 12	1	1	1					
14	1	26013-060162	BOLT, M6X 16	2	2	2					
15	1	26013-060162	BOLT, M6X 16	1	1	1					
16	1	26013-060202	BOLT, M6X 20	2	2	2					
17	1	933171-15680	GROMMET	1	1	1					

Fig.24. ELECTRIC PART(INDICATOR BOX)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



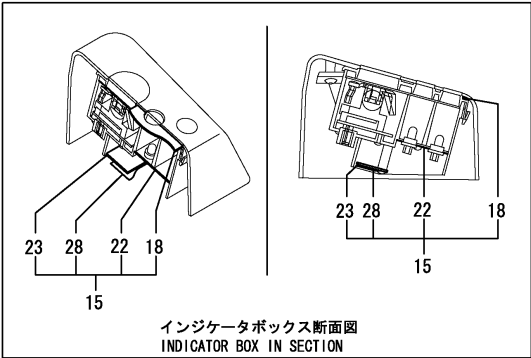
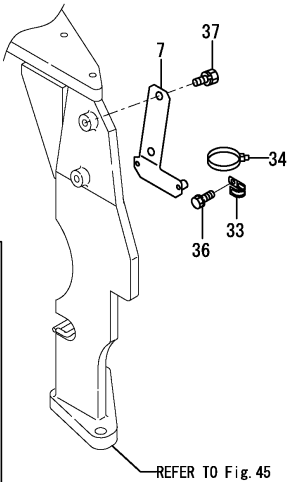
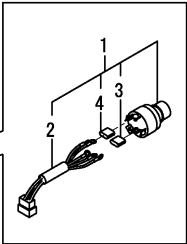
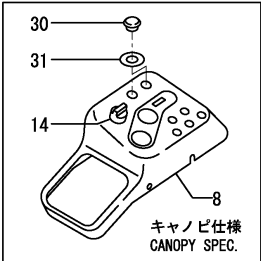
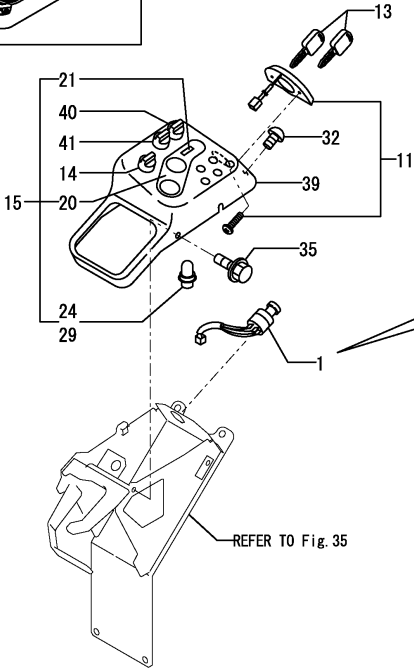
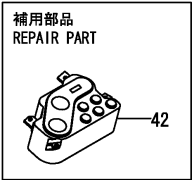
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1	1					
2	2	172187-17070	CORD ASSY	1	1	1					
3	2	172187-17080	COVER	3	3	3					
4	2	172187-17090	COVER	2	2	2					
6	2	933110-00301	KEY ASSY	1	1	1					
7	1	172458-17501	BOX,INDICATOR(CANOPY		1	1					1
9	2	172187-17280	SWITCH ASSY, LIGHT		1	1					
11	2	172187-17320	PACKING		1	1					
13	2	172187-17341	GAUGE ASSY		1	1					
14	2	172187-17350	METER ASSY, HOUR		1	1					
15	2	172187-17360	PRINT, CIRCUIT		1	1					
16	2	172187-17371	CIRCUIT ASSY		1	1					
17	2	172187-17380	BULB		4	4					
21	2	172187-17470	PLATE		1	1					
22	2	172187-17480	BULB		2	2					
24	2	172187-17560	CAP		2	2					
25	2	172187-17570	GASKET		2	2					
26	1	172458-46720	BOLT	1	1	1					
27	1	172519-63240	BOLT	3	3	3					
28	1	172458-17251	BOX,INDICATOR(CABIN	1							1
31	2	172187-17280	SWITCH ASSY, LIGHT	1							
32	2	172187-17290	SWITCH ASSY, HEATER	1							
33	2	172187-17301	SWITCH ASSY, WIPER	1							
35	2	172187-17320	PACKING	1							
37	2	172187-17341	GAUGE ASSY	1							
38	2	172187-17350	METER ASSY, HOUR	1							
39	2	172187-17360	PRINT, CIRCUIT	1							
40	2	172187-17371	CIRCUIT ASSY	1							
41	2	172187-17380	BULB	4							
45	2	172187-17470	PLATE	1							
46	2	172187-17480	BULB	2							
47	1	172458-17171	KEY ASSY		1						3
49	3	172458-17150	HARNESS		1						
50	3	26022-050102	SCREW, M5X10		5						
51	2	172458-17161	PLATE		1						
52	1	172A77-17500	MONITOR ASSY	1	1	1				W	2
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
53	1	933110-00301	KEY ASSY	1	1	1					4

Remarks
(1)HOUR METER = ANALOG TYPE. ONLY THE MONITOR PORT COPES IN REF.NO.52.
(2)HOUR METER = L.C.D. TYPE.
(3)Engine start only.
(4)For bonnet, door.

Fig.25. ELECTRIC PART(EQUIPMENT: INDICATOR BOX)(IMMOBILIZER SPEC.)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

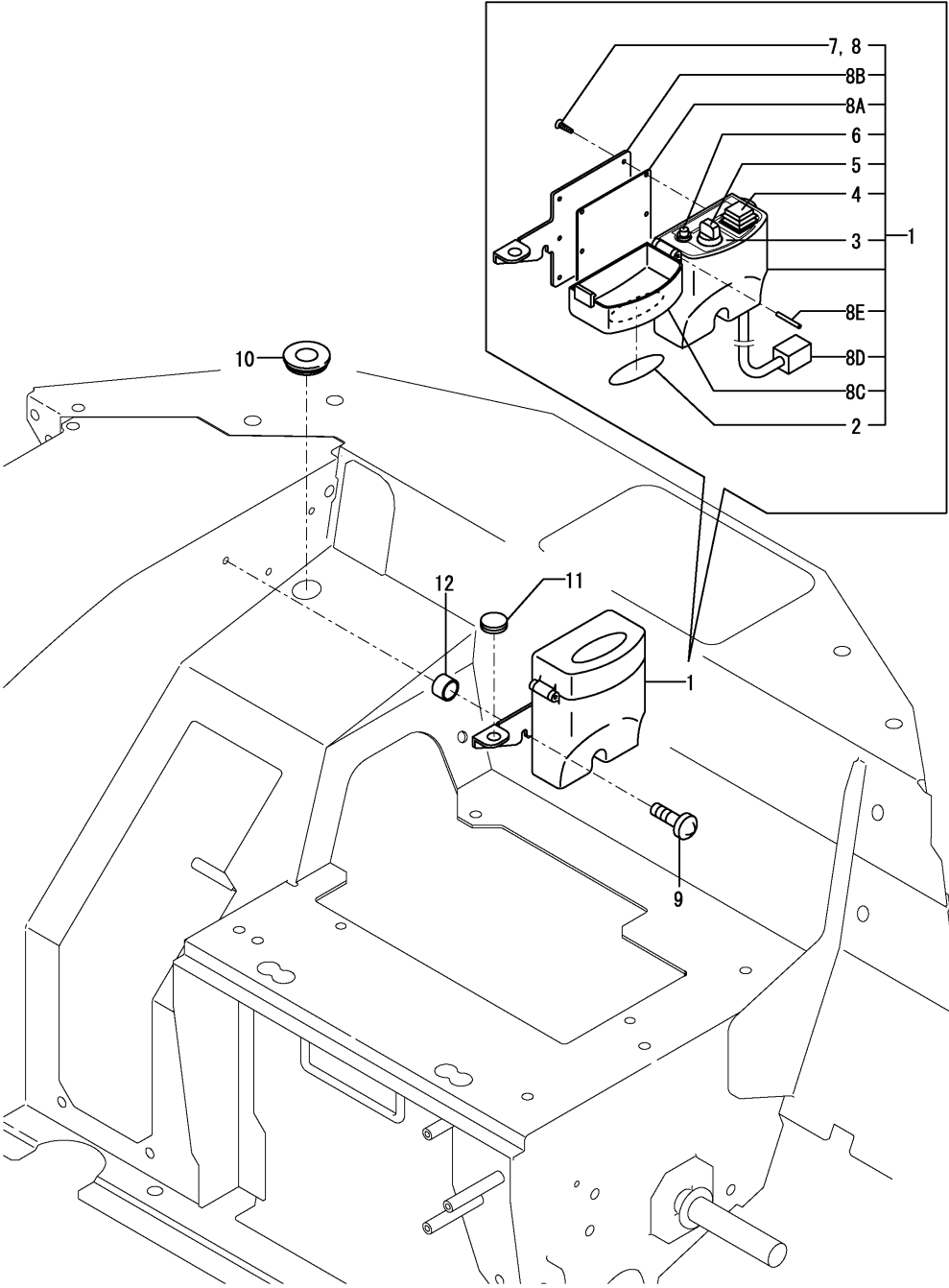
(D)=
(E)=
(F)=



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	1	172A47-17210	CYLINDER ASSY, KEY	1	1						Q
		(A=M/#XXXXX) (B=M/#XXXXX)									
2	2	172187-17070	CORD ASSY	1	1						
3	2	172187-17080	COVER	3	3						
4	2	172187-17090	COVER	2	2						
7	1	172458-17110	BRACKET, TIMER	1	1						
8	1	172A25-17200	IN-PANE R,CANOPY		1						
11	1	172A47-17360	ANTENNA	1	1						
13	1	172A47-17380	KEY, STARTING	2	2						
14	1	172187-17280	SWITCH ASSY, LIGHT	1	1						
15	1	172472-17501	PANEL ASSY, MONITOR	1	1						1
18	2	172187-17320	PACKING	1	1						
20	2	172187-17341	GAUGE ASSY	1	1						
21	2	172187-17350	METER ASSY, HOUR	1	1						
22	2	172187-17360	PRINT, CIRCUIT	1	1						
23	2	172187-17371	CIRCUIT ASSY	1	1						
24	2	172187-17380	BULB	4	4						
28	2	172187-17470	PLATE	1	1						
29	2	172187-17480	BULB	2	2						
30	1	172187-17560	CAP		2						
31	1	172187-17570	GASKET		2						
32	1	172458-46720	BOLT	1	1						
33	1	194440-51620	CLAMP		1						
34	1	194202-56460	BAND, 200		1						
35	1	172519-63240	BOLT	3	3						
36	1	26013-080162	BOLT, M8X 16	1	1						
37	1	26013-120252	BOLT, M12X 25	2	2						
39	1	172A25-17210	PANEL, INSTRUMENT	1							
40	1	172187-17290	SWITCH ASSY, HEATER	1							
41	1	172187-17301	SWITCH ASSY, WIPER	1							
42	1	172A77-17500	MONITOR ASSY	1	1						W 2
		(A=MZZZZZ) (B=MZZZZZ)									

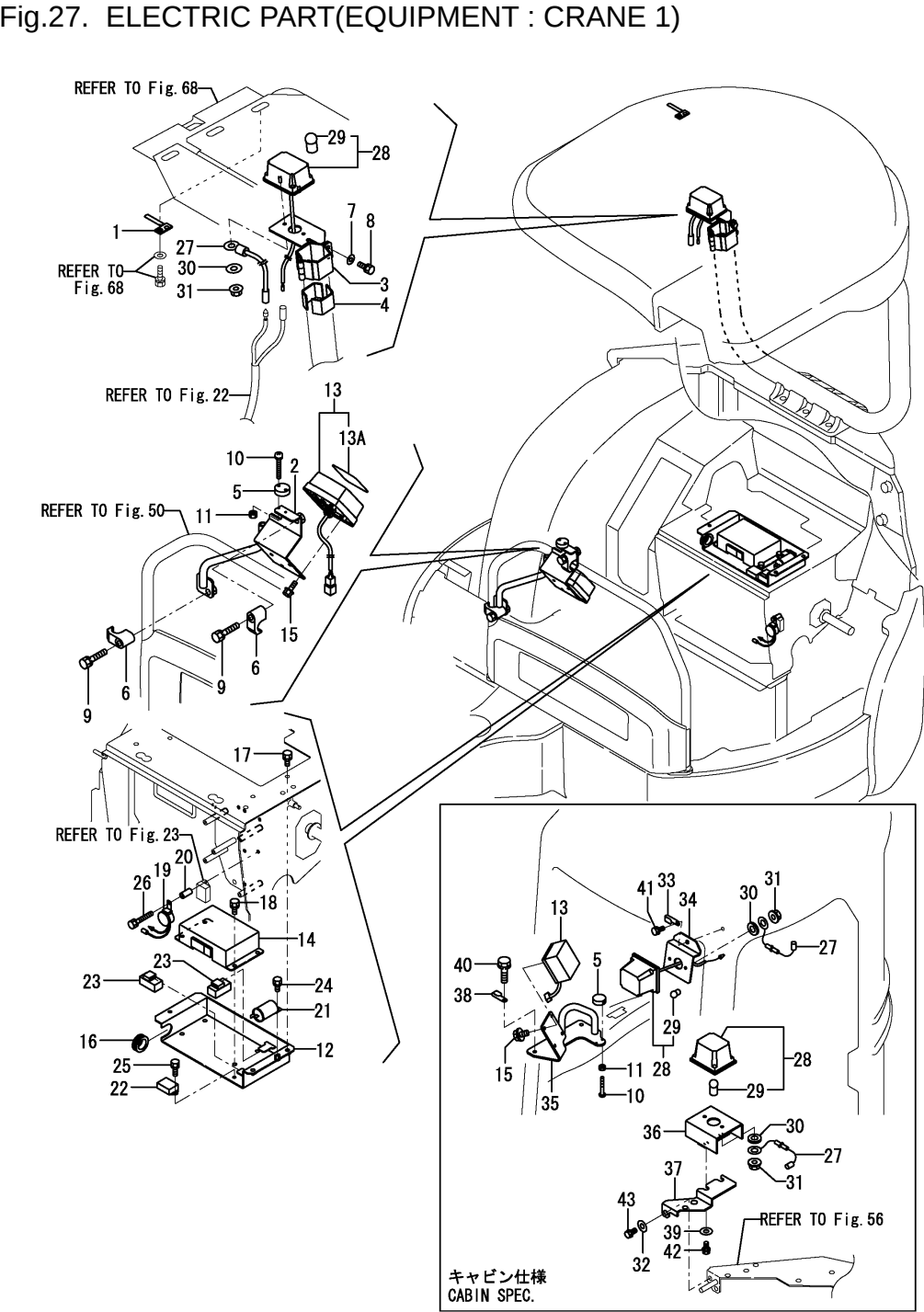
Remarks
(1)HOUR METER = ANALOG TYPE.
COPEs IN REF.NO.42.
(2)HOUR METER = L.C.D. TYPE.

Fig.26. ELECTRIC PART(EQUIPMENT : QUICK HITCH)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17101	BOX, SWITCH	1	1	1					
2	2	172958-03180	LABEL	1	1	1					
3	2	172958-03190	LABEL	1	1	1					
4	2	172958-17140	SWITCH ASSY	1	1	1					
5	2	172958-17150	SWITCH ASSY	1	1	1					
6	2	172958-17160	INDICATER LAMP(CP	1	1	1					
7	2	172958-17170	SCREW, TAPPING	1	1	1					
7-1	2	172958-17170	SCREW, TAPPING	6	6	6					K
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
8	2	172958-17180	SCREW, TAPPING	1	1	1					
8-1	2	172958-17180	SCREW, TAPPING	2	2	2					K
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
8A	2	172958-17190	PACKING	1	1	1					W
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
8B	2	172958-17200	BRACKET	1	1	1					W
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
8C	2	172958-17210	CASE	1	1	1					W
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
8D	2	172958-17220	CORD	1	1	1					W
		(A=M/#31248) (B=M/#31248) (C=M/#31248)									
8E	2	22351-030028	PIN, SPRING 3.0X28	1	1	1					W
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
9	1	172137-46210	SCREW	3	3	3					
10	1	172958-64500	PLUGE 28X302 Q	1	1	1					
11	1	172187-64900	PLUG	1	1	1					
12	1	172958-17130	COLLAR	3							

Fig.27. ELECTRIC PART(EQUIPMENT : CRANE 1)



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	BRACKET ASSY		1						
3	1	172496-17570	BRACKET ASSY		1						
4	1	172496-17610	RUBBER		2						
5	1	172455-63230	GAUGE, LEVEL	1	1						
6	1	172142-76940-5	CLAMP		2						
7	1	22137-080000	WASHER, 8		2						
8	1	26013-080202	BOLT, M8X 20		2						
9	1	26013-120552	BOLT, M12X 55		2						
10	1	26022-030202	SCREW, M3X20	2	2						
11	1	26716-030002	NUT, M3	2	2						
12	1	172A25-17400	CONTROLLER BOX ASSY	1	1						
13	1	172187-17882	PANEL ASSY, CRANE	1	1						
13-1	1	172187-17883	PANEL, CRANE	1	1						R
		(A=MXXXXX) (B=MXXXXX)									
13A	2	172187-17890	SHEET, PANEL	1	1						W
		(A=M/#30901)									
13A-1	2	172187-17890	SHEET, PANEL	1	1						Z
		(A=MXXXXX) (B=MXXXXX)									
14	1	172A24-17901	CONTROLLER ASSY	1	1						
15	1	172164-45880	BOLT	4	4						
16	1	172165-62800	GROMMET	1	1						
17	1	26013-080162	BOLT, M8X 16	3	3						
18	1	26013-080162	BOLT, M8X 16	4	4						
19	1	172141-17150	BUZZER	1	1						
20	1	172A25-17450	COLLAR	1	1						
21	1	194080-57202	RELAY, FLASHER	1	1						
22	1	129211-77920	TIMER	1	1						
23	1	1E6910-82500	RELAY, CA-1A	2	2						
23-1	1	172B02-17160	RELAY,CAA TYPE	2	2						N
		(A=*2014.04) (B=*2014.04)									
24	1	26013-060122	BOLT, M6X 12	1	1						
25	1	26013-060162	BOLT, M6X 16	1	1						
26	1	26013-060352	BOLT, M6X 35	1	1						
27	1	172647-16560	WIRE, EARTH	1	1						
28	1	1E6300-81050	LAMP, FLASHER	1	1						
29	2	172738-17120	BULB, 12V 20W	1	1						
30	1	22137-080000	WASHER, 8	1	1						
31	1	26367-060002	NUT, M6	4	2						
32	1	172446-13150	WASHER	1							
33	1	172126-16540	CLAMP	1							
34	1	172460-17140	STAY, LAMP	1							
35	1	172460-17160	BRACKET	1							
36	1	172455-17170	STAY, LAMP	1							
37	1	172457-17200	BRACKET,ALARM	1							
38	1	194440-51620	CLAMP	1							
39	1	22137-100000	WASHER, 10	2							
40	1	26013-080252	BOLT, M8X 25	2							
41	1	26013-100162	BOLT, M10X 16	1							
42	1	26013-100202	BOLT, M10X 20	2							
43	1	26013-100252	BOLT, M10X 25	1							

Fig.28. ELECTRIC PART(EQUIPMENT : CRANE 2)

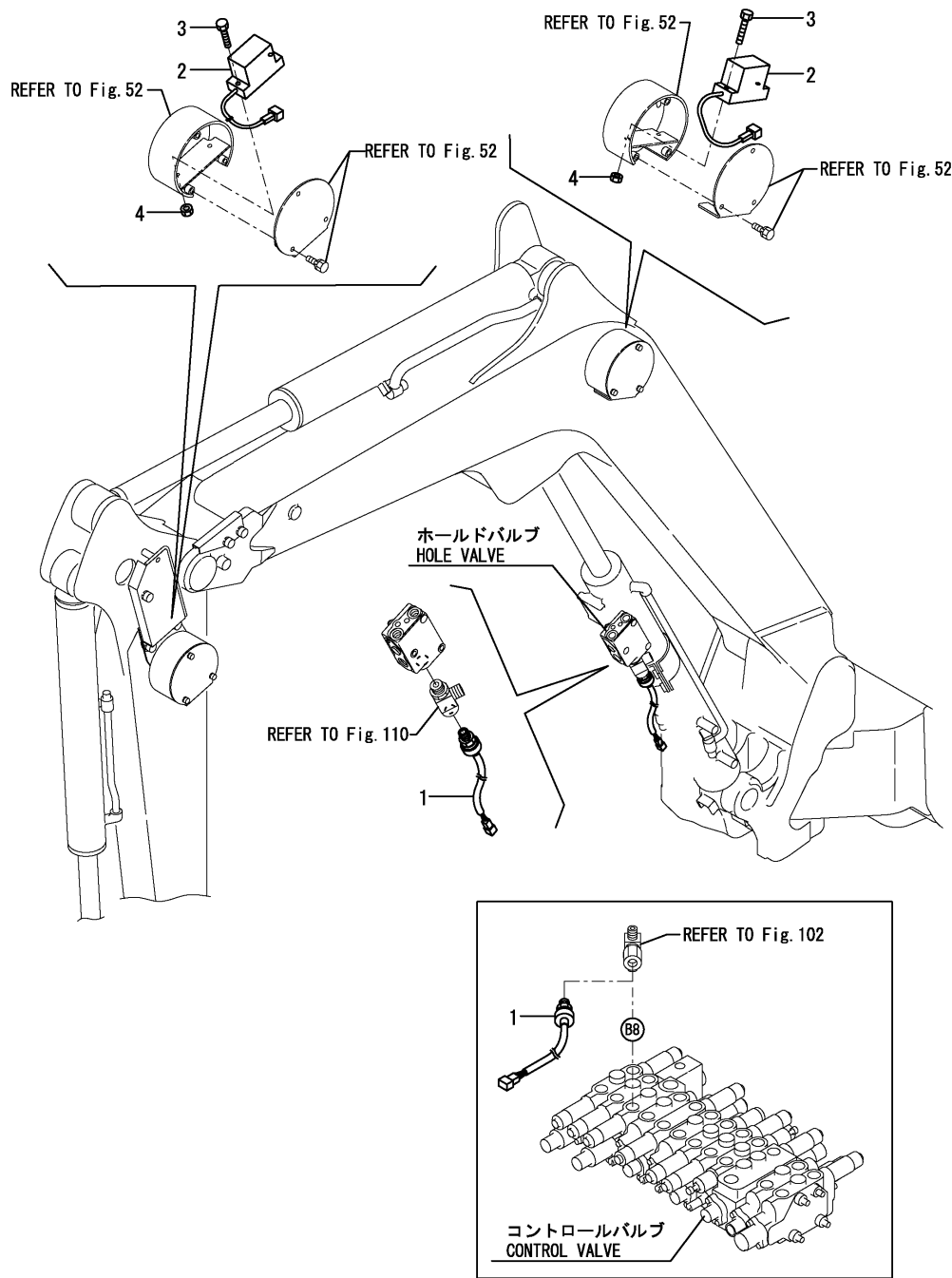
[illegible]

Fig.29. WORK LAMP

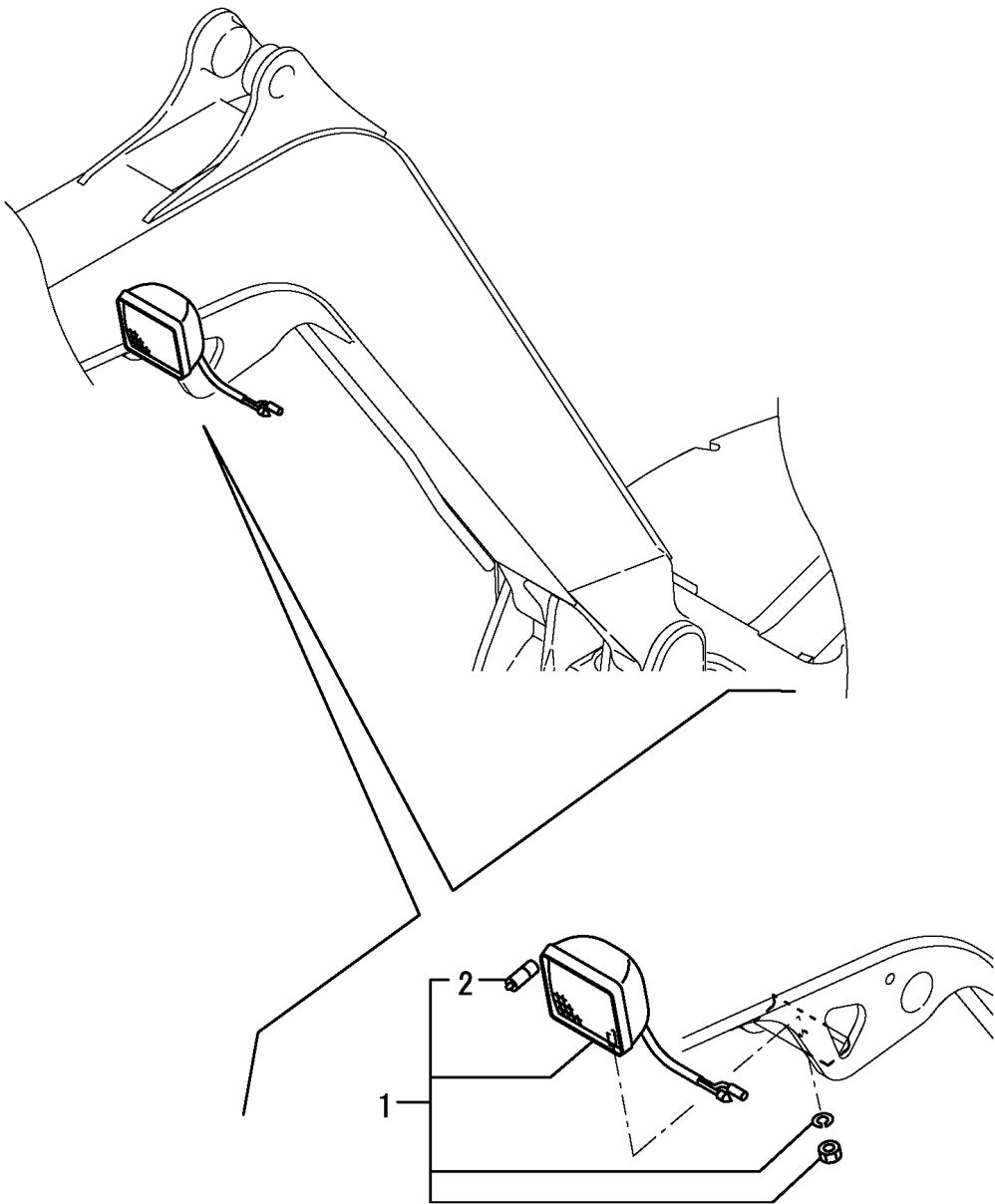
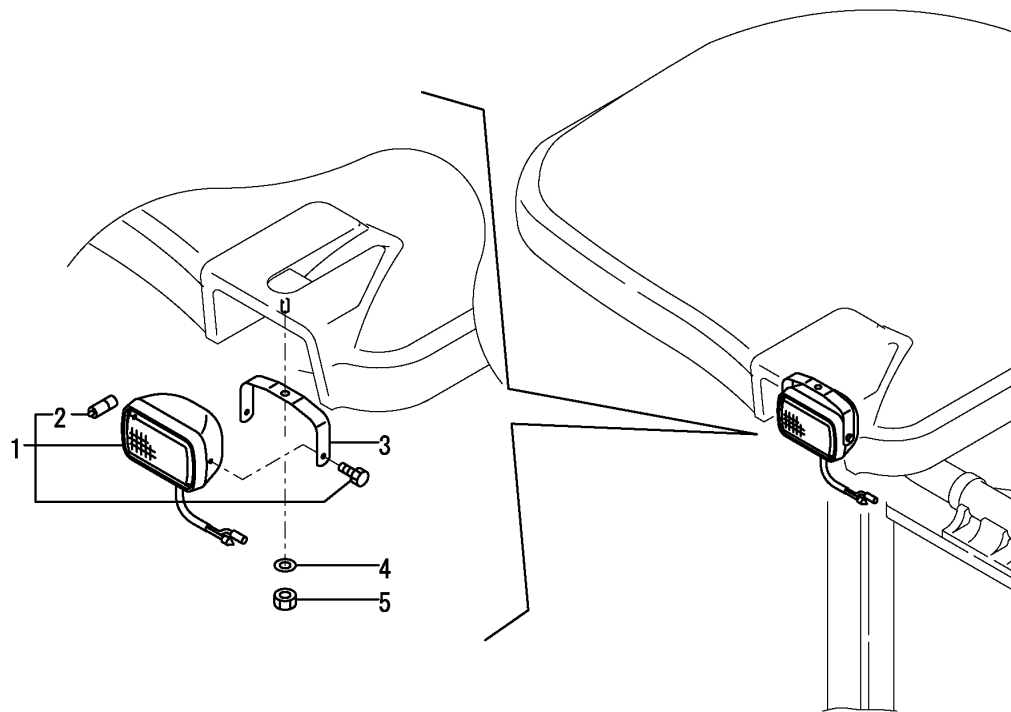
[illegible]

Fig.30. CANOPY LAMP

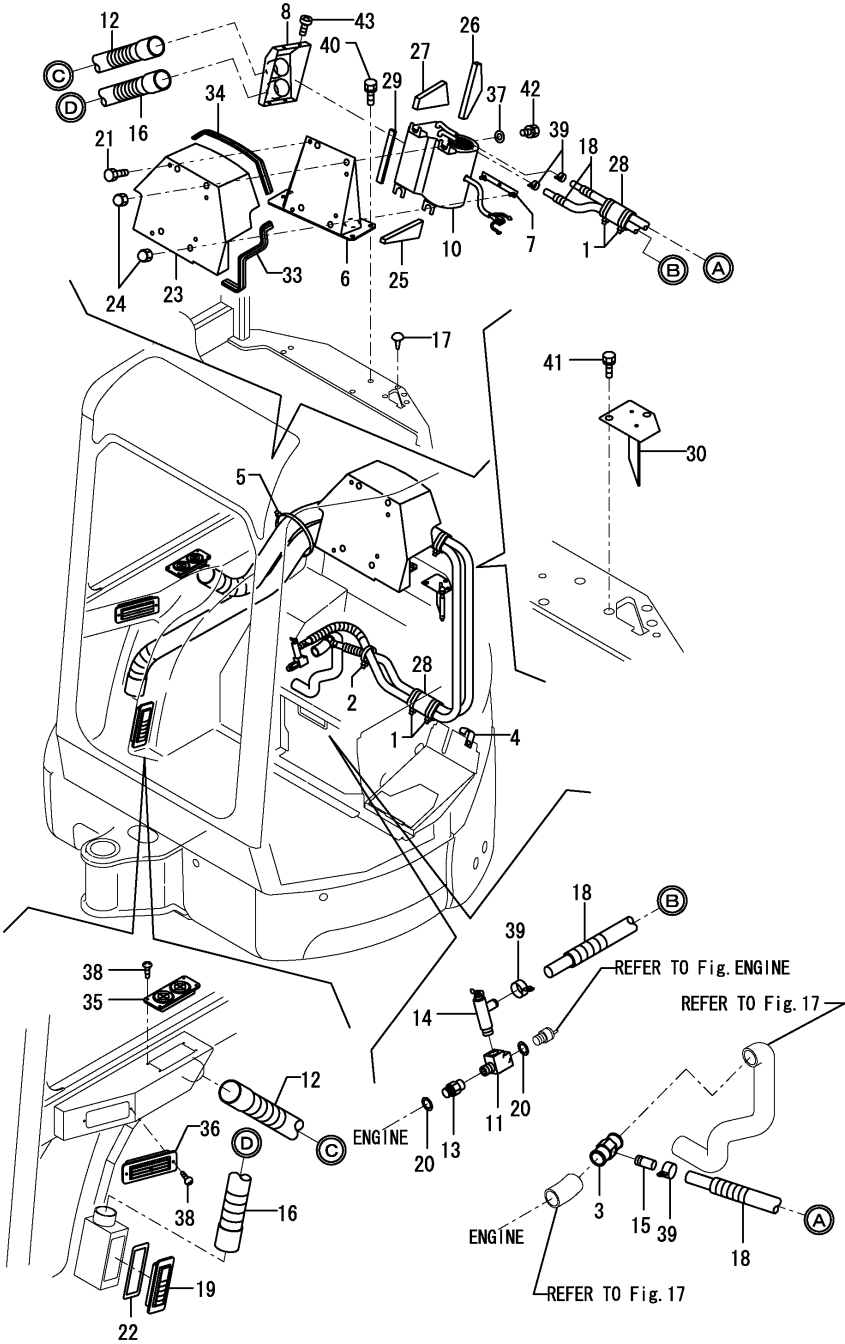


No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172458-17400	LAMP 150X95		1	1			
2	2	172458-17420	BULB		1	1			
3	1	172458-17410	STAY, LAMP		1	1			
4	1	22137-100000	WASHER, 10		1	1			
5	1	26346-100002	NUT, M10		1	1			

Fig.31. HEATER

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

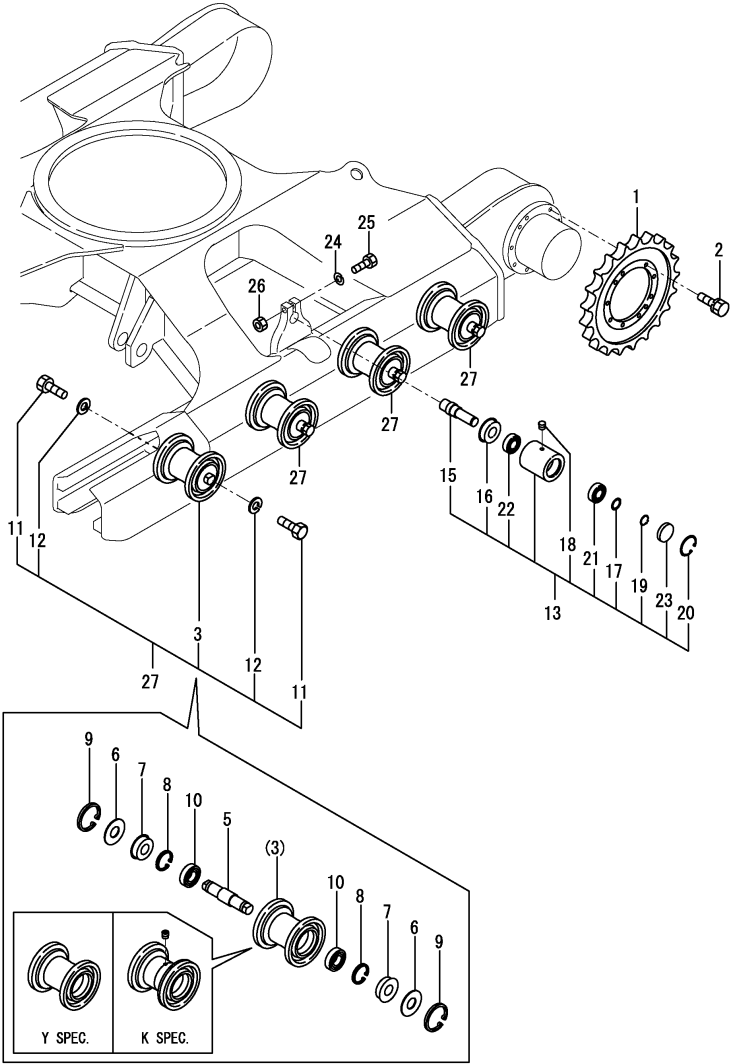


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND 300	2							
2	1	172126-11510	BAND 300	1							
3	1	172141-13490	JOINT	1							
4	1	172126-16540	CLAMP	1							
5	1	172183-16560	CLIP, HOSE	1							
6	1	172458-16650	HEATER FRAME	1							
7	1	172458-16690	NUT	1							
8	1	172458-16700	DUCT ASSY, HEATER	1							
10	1	172458-17551	HEATER	1							
11	1	172168-17601	CONNECTOR	1							
12	1	172458-17620	HOSE,DEFROSTER	1							
13	1	172137-17631	JOINT, HEATER	1							
14	1	172425-17630	VALVE ASSY, HEATER	1							
15	1	172124-17640	JOINT, PIPE	1							
16	1	172458-17640	HOSE,HEATER	1							
17	1	172444-17660	CLIP, TREE	1							
18	1	172458-17660	HOSE,HEATER	2							
19	1	172458-17700	GRILLE	1							
20	1	124465-44950	GASKET, 16	2							
21	1	172168-46760	BOLT M10X20	4							
22	1	172458-63400	SPONGE, GRILLE	1							
23	1	172458-63410	COVER, HEATER	1							
24	1	172458-63470	NUT, CAP	4							
25	1	172458-63610	SEAL, SPONGE	1							
26	1	172458-63620	SEAL, SPONGE	1							
27	1	172458-63630	SEAL, SPONGE	1							
28	1	172458-63640	SPONGE, HOSE	2							
29	1	172458-63650	SEAL, SPONGE	1							
30	1	172458-63820	PLATE ASSY	1							
33	1	172422-65750	SEAL, DUCT	1							
34	1	172989-68640	RUBBER, SEAL	1							
35	1	1E8545-80940	GRILLE, DUCT	1							
36	1	197830-88611	GRILLE	1							
37	1	22137-100000	WASHER, 10	2							
38	1	22869-400160	SCREW, 4X16	6							
39	1	23001-022000	CLAMP, HOSE 22	4							
40	1	26013-100162	BOLT, M10X 16	4							
41	1	26013-100162	BOLT, M10X 16	2							
42	1	26013-100202	BOLT, M10X 20	2							
43	1	26587-040122	SCREW, M4X12	4							

Fig.32. SPROCKET & ROLLER

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

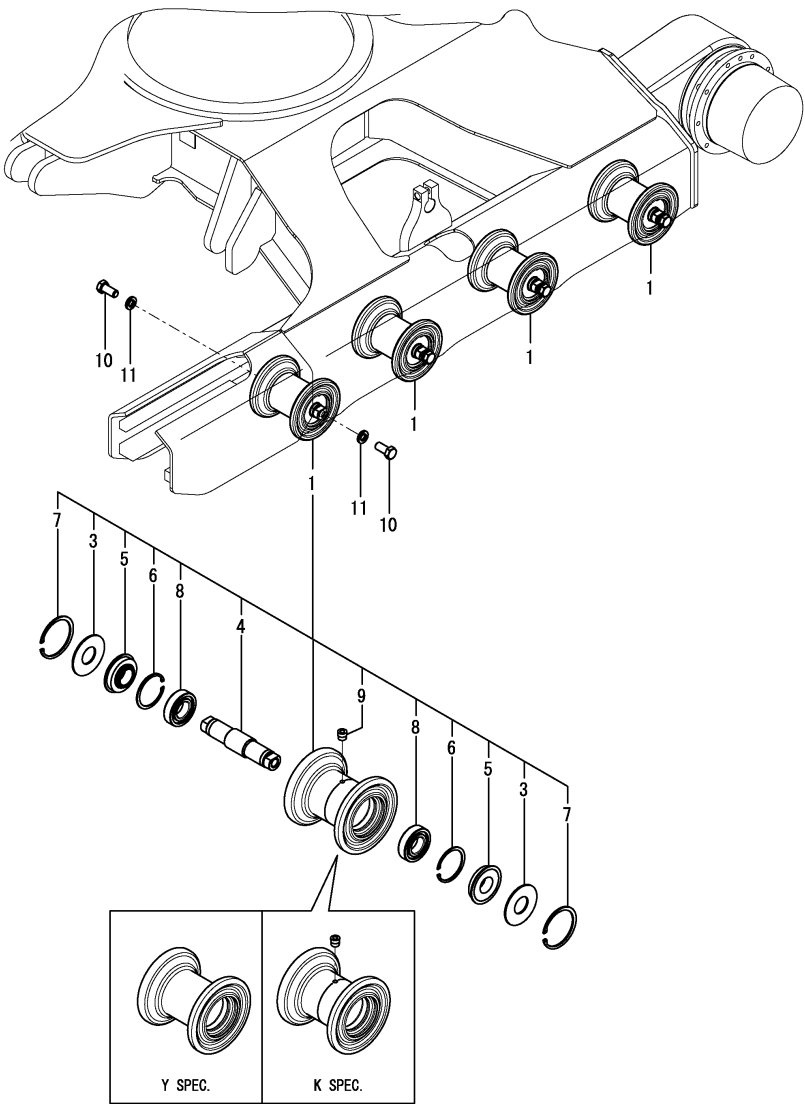
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-29100	SPROCKET	2	2	2					
2	1	26013-100252	BOLT, M10X 25	24	24	24					
3	1	172441-37301	ROLLER, TRACK	8	8	8					
3-1	1	172441-37302	ROLLER ASSY,TRACK	8	8	8					N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
3-2	1	172441-37302	ROLLER ASSY,TRACK	8	8	8					Z 2
(A=*2014.05) (B=*2014.05) (C=*2014.05)											
5	2	172422-37310	SHAFT, ROLLER	8	8	8					
6	2	172141-37320	SPACER	16	16	16					
7	2	1A1030-48250	SEAL, QLF30621218	16	16	16					
8	2	22252-000620	RING, 62	16	16	16					
9	2	22252-000750	RING, 75	16	16	16					
10	2	933111-73800	BEARING, BALL	16	16	16					
11	1	172490-37320	BOLT	16	16	16					
12	1	22217-160000	WASHER, SPRING 16	16	16	16					
13	1	172458-37500	ROLLER ASSY, CARRIER	2	2	2					
15	2	172458-37570	SHAFT	2	2	2					
16	2	172458-37580	SEAL, OIL	2	2	2					
17	2	172458-37590	COLLAR	2	2	2					
18	2	194630-42120	PLUG, PT1/8	2	2	2					
19	2	22242-000250	RING, 25	2	2	2					
20	2	22252-000521	RING, 52	2	2	2					
21	2	24101-062054	BEARING, BALL 6205	2	2	2					
22	2	24102-062054	BEARING, BALL 6205U	2	2	2					
23	2	27260-520000	PLUG, 52	2	2	2					
24	1	22217-140000	WASHER, SPRING 14	2	2	2					
25	1	26116-140652	BOLT, M14X 65 PLATED	2	2	2					
26	1	26716-140002	NUT, M14	2	2	2					
27	1	772441-37300	ROLLER ASSY, TRACK	8	8	8					W 1
(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX)											
27-1	1	772441-37300	ROLLER ASSY, TRACK	8	8	8					Z
(A=*2014.05) (B=*2014.05) (C=*2014.05)											

Remarks
(1)INC. REF.NO.3,11,12.
(2)Y specification. replacement with Fig.130(32A) No.1.
The inner parts are not compatible.

Fig.130. (32A)TRACK ROLLER(K SPEC.)



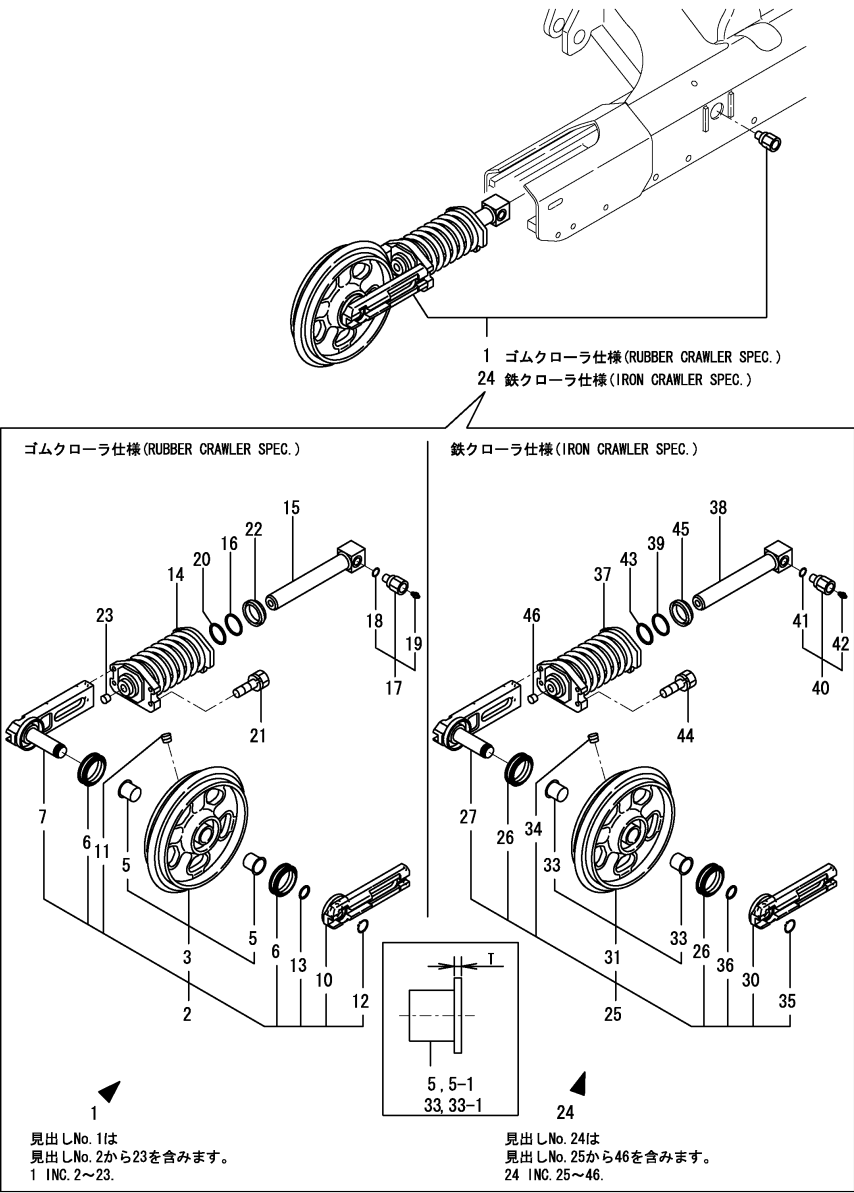
Remarks
*Track roller(Y spec.) are shown in Fig.32.
The inner parts are not compatible.

				(A)=VIO27-3C(JP)						
				(B)=VIO27-3P(JP)						
				(C)=VIO27-3P(EX)						
				(D)=VIO35F-5B P(JP)						
				(E)=						
				(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172B03-37300	ROLLER ASSY,LOWER	8	8	8				W
		(A=*2014.05.)	(B=*2014.05.)	(C=*2014.05.)	(D=*2014.05.)	(E=*2014.05.)	(F=*2014.05.)			
3	2	172141-37320	SPACER	16	16	16				
4	2	172B03-37320	SHAFT	8	8	8				
5	2	1A1030-48250	SEAL,OIL QLF30621218	16	16	16				
6	2	22252-000620	RING, 62	16	16	16				
7	2	22252-000750	RING, 75	16	16	16				
8	2	24101-062064	BEARING, BALL 6206	16	16	16				
9	2	933171-13691	PLUG	8	8	8				
10	1	172490-37320	BOLT	16	16	16				
11	1	22217-160000	WASHER, SPRING 16	16	16	16				

Fig.33. IDLER & ADJUST

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772458-37200	IDLER ASSY, RUBBER (A=M/#35036) (B=M/#35036) (C=M/#35036)	2	2	2				R	1
2	2	772458-37100	IDLER ASSY	2	2	2					1
3	3	172458-37100	IDLER ASSY	2	2	2					
3-1	3	172458-37101	IDLER ASSY (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
3-2	3	172458-37102	IDLER ASSY (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
5	4	172423-37370	BUSH	4	4	4					
5-1	4	172A77-37370	BUSH (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	4	4	4				S	3
6	3	172458-37120	SEAL, FLOATING	4	4	4					
7	3	172458-37130	SHAFT ASSY, IDLER	2	2	2					
7-1	3	172458-37131	SHAFT ASSY, IDLER (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
10	3	172458-37150	COVER, SEAL	2	2	2					
10-1	3	172458-37151	COVER, SEAL (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
11	3	194630-42120	PLUG, PT1/8	2	2	2					
12	3	22242-000300	RING, 30	2	2	2					
13	3	24321-000300	O-RING, 1AG30.0	2	2	2					
14	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2					
15	2	172422-37780	PISTON ASSY, ADJUST	2	2	2					
16	2	172122-37830	RING, BUCK UP	2	2	2					
16-1	2	172460-37750	BACKUP RING 40 (A=M/#31112) (B=M/#31112) (C=M/#31112)	2	2	2				N	
17	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2					
18	3	24315-000140	O-RING, 1BP14.0	2	2	2					
19	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
20	2	24325-000400	O-RING, 1BG40.0	2	2	2					
21	2	26013-100402	BOLT, M10X 40	8	8	8					
22	2	933111-23600	SEAL, OIL	2	2	2					
23	2	933171-13691	PLUG PT1/8	2	2	2					
24	1	772458-37120	IDLER ASSY, IRON (A=M/#35036) (B=M/#35036) (C=M/#35036)	2	2	2				R	2
25	2	772458-37110	IDLER ASSY	2	2	2					2
26	3	172458-37120	SEAL, FLOATING	4	4	4					
27	3	172458-37130	SHAFT ASSY, IDLER	2	2	2					
27-1	3	172458-37131	SHAFT ASSY, IDLER (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
30	3	172458-37150	COVER, SEAL	2	2	2					
30-1	3	172458-37151	COVER, SEAL (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
31	3	172458-37170	IDLER ASSY	2	2	2					
31-1	3	172458-37171	IDLER ASSY (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
31-2	3	172458-37172	IDLER ASSY (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	2	2	2				N	
33	3	172423-37370	BUSH	4	4	4					
33-1	4	172A77-37370	BUSH (A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)	4	4	4				S	3

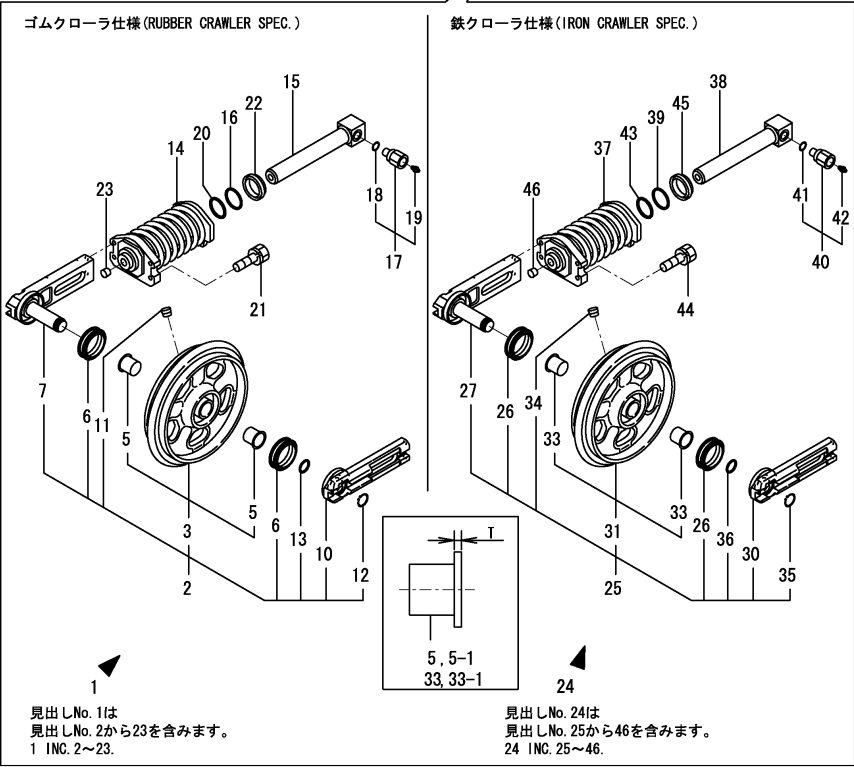
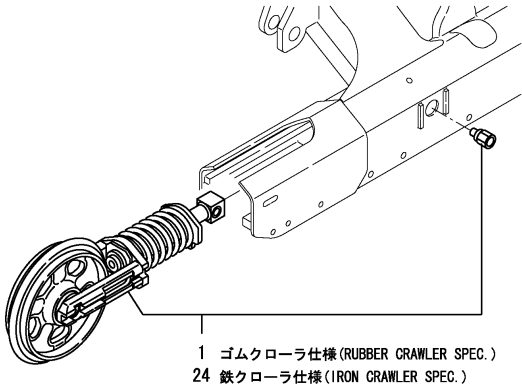
Remarks
(1)RUBBER CRAWLER SPEC.
(2)IRON CRAWLER SPEC.
(3)T=REF.NO.4,33 2MM,
NO.4-1,33-1 4.5MM.

Fig.33. IDLER & ADJUST

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

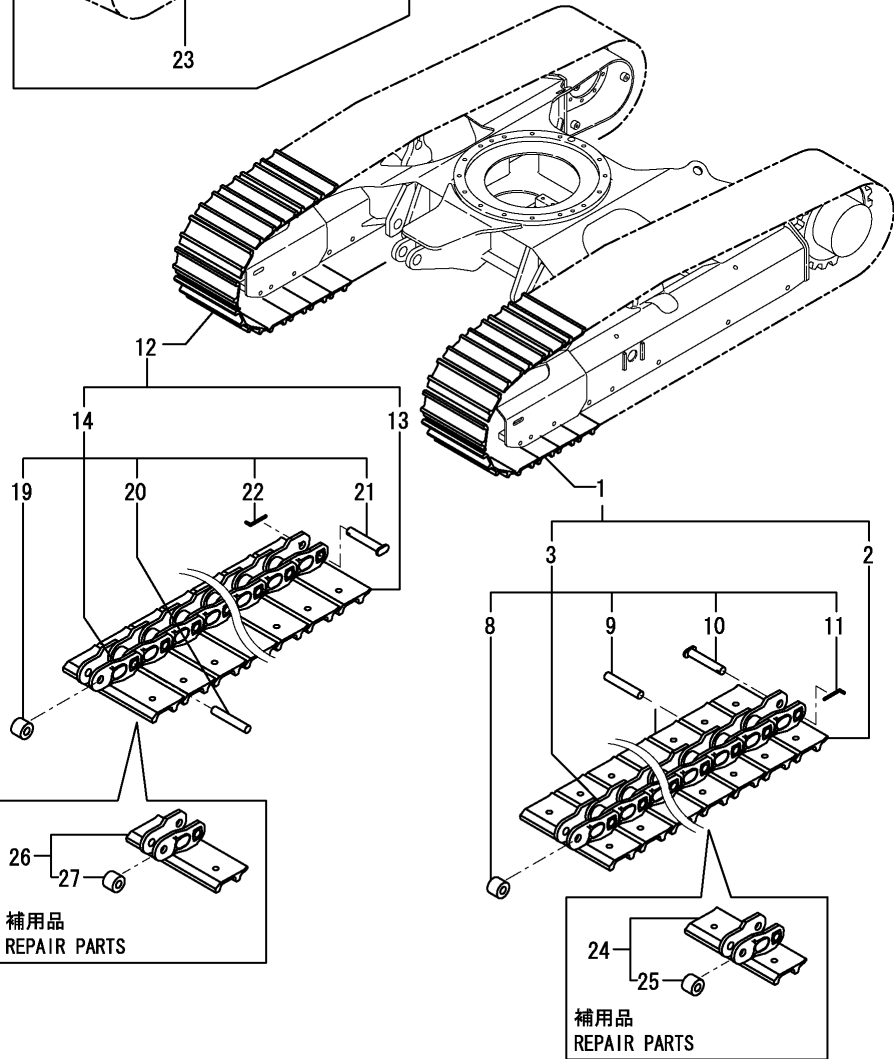
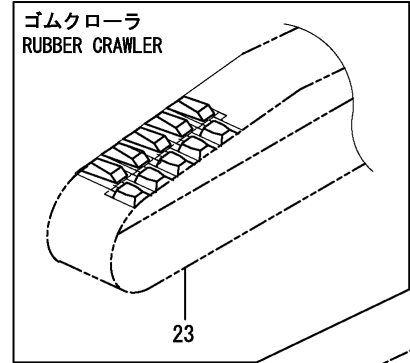
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
34	3	194630-42120	PLUG, PT1/8	2	2	2					
35	3	22242-000300	RING, 30	2	2	2					
36	3	24321-000300	O-RING, 1AG30.0	2	2	2					
37	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2					
38	2	172422-37780	PISTON ASSY, ADJUST	2	2	2					
39	2	172122-37830	RING, BUCK UP	2	2	2					
39-1	2	172460-37750	BACKUP RING 40	2	2	2					N
		(A=M/#31112) (B=M/#31112) (C=M/#31112)									
40	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2					
41	3	24315-000140	O-RING, 1BP14.0	2	2	2					
42	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
43	2	24325-000400	O-RING, 1BG40.0	2	2	2					
44	2	26013-100402	BOLT, M10X 40	8	8	8					
45	2	933111-23600	SEAL, OIL	2	2	2					
46	2	933171-13691	PLUG PT1/8	2	2	2					



Remarks
(1)RUBBER CRAWLER SPEC.
(2)IRON CRAWLER SPEC.
(3)T=REF.NO.4,33 2MM,
NO.4-1,33-1 4.5MM.

Fig.34. CRAWLER

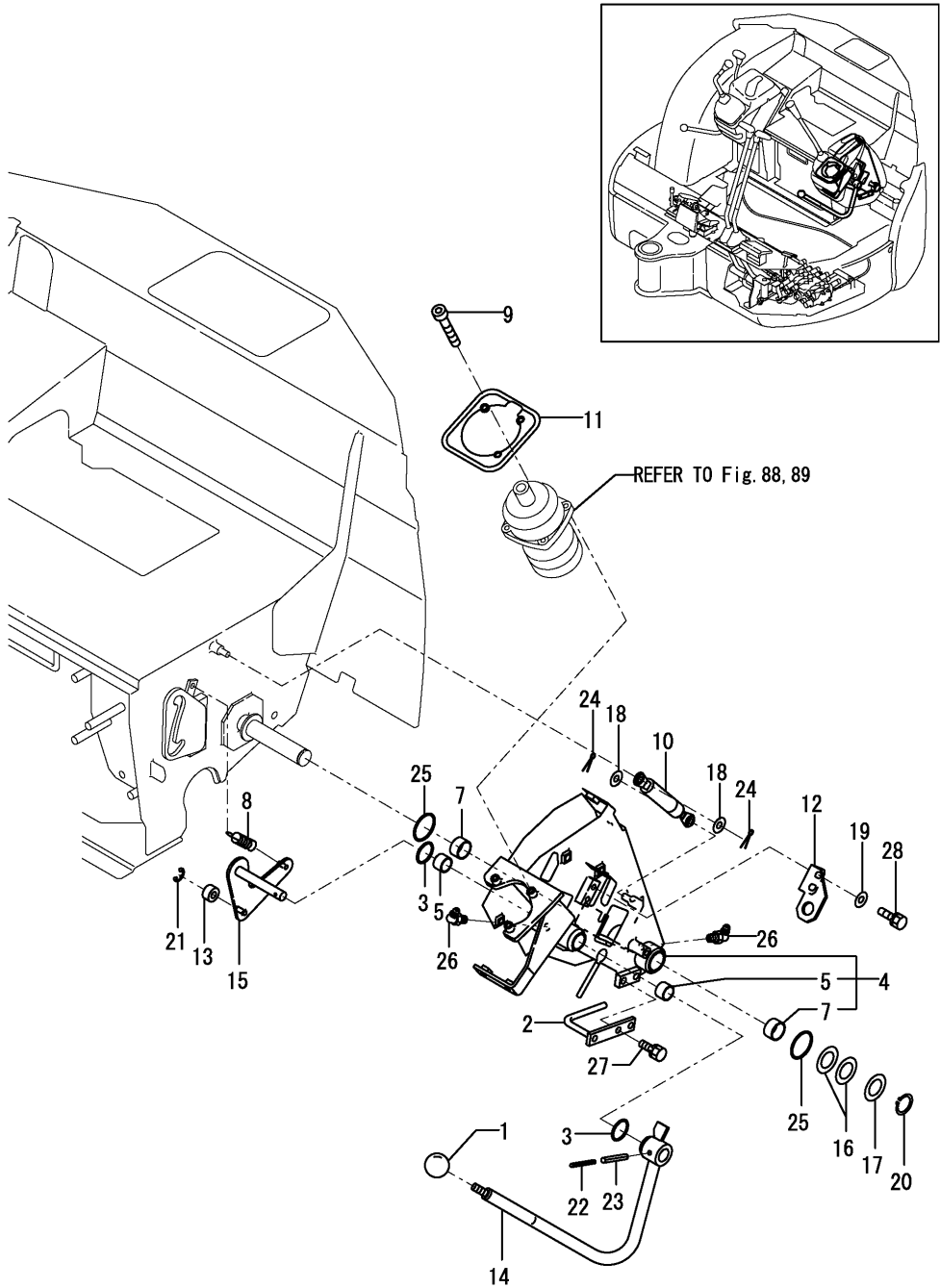


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

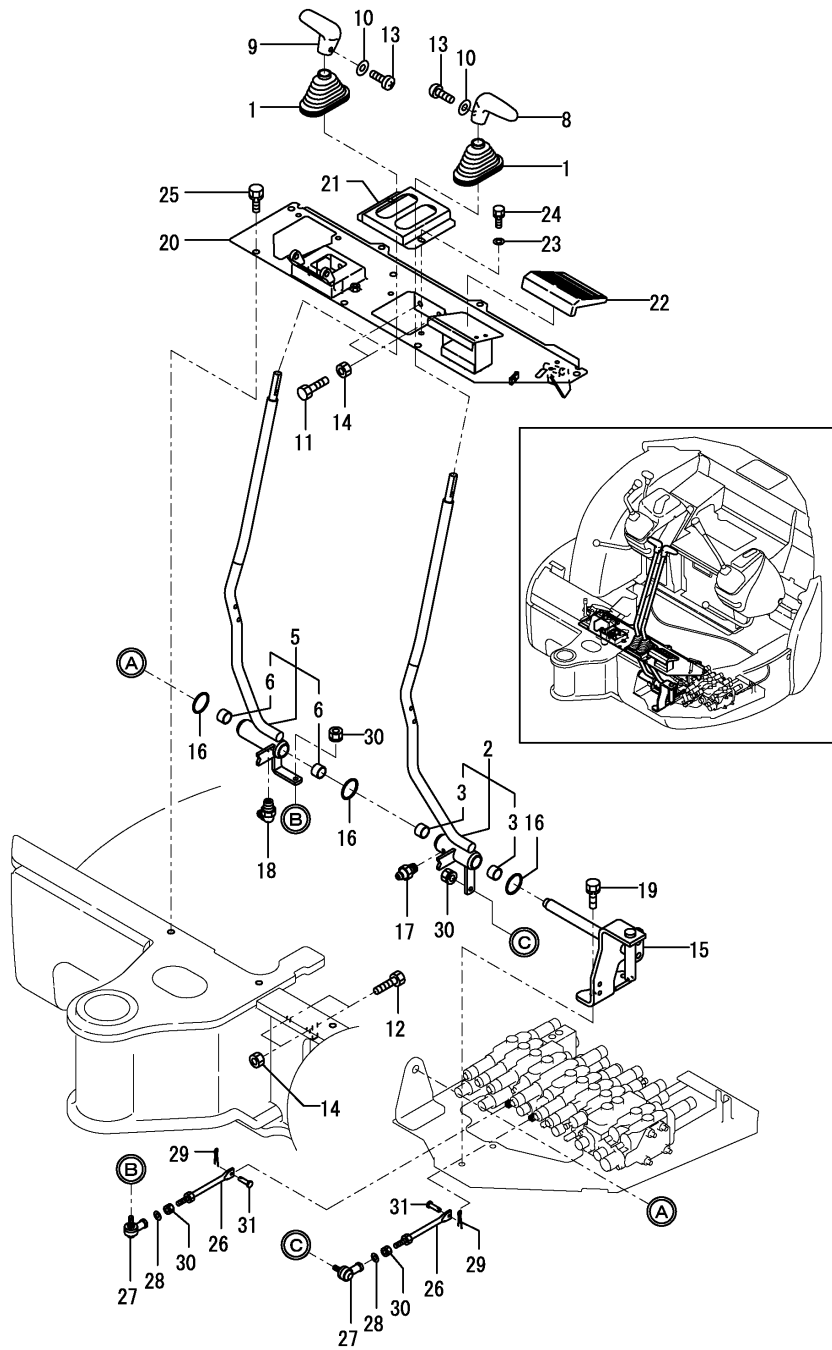
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-38100	SHOE ASSY, TRACK 300	1	1	1					
2	2	172458-38110	PLATE,SHEW 300L (88)	41	41	41					
3	2	172457-38140	LINK,TRACK(GREEN:88)	1	1	1					
8	3	172458-38200	BUSH,TRUCK	41	41	41					
9	3	172458-38210	PIN,TRUCK	40	40	40					
10	3	172458-38220	PIN,MASTER	1	1	1					
11	3	172458-38230	STOP PIN	1	1	1					
12	1	172457-38120	SHOE ASSY, TRACK 300	1	1	1					
13	2	172458-38130	PLATE,SHEW 300R (88)	41	41	41					
14	2	172457-38140	LINK,TRACK(GREEN:88)	1	1	1					
19	3	172458-38200	BUSH,TRUCK	41	41	41					
20	3	172458-38210	PIN,TRUCK	40	40	40					
21	3	172458-38220	PIN,MASTER	1	1	1					
22	3	172458-38230	STOP PIN	1	1	1					
23	1	172457-38600	CRAWLER, RUBBER 260	2	2	2					
24	1	172458-38300	TRACK ASSY, MASTER	1	1	1					
25	2	172458-38200	BUSH,TRUCK	1	1	1					
26	1	172458-38310	TRACK ASSY, MASTER	1	1	1					
27	2	172458-38200	BUSH,TRUCK	1	1	1					

Fig.36. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)



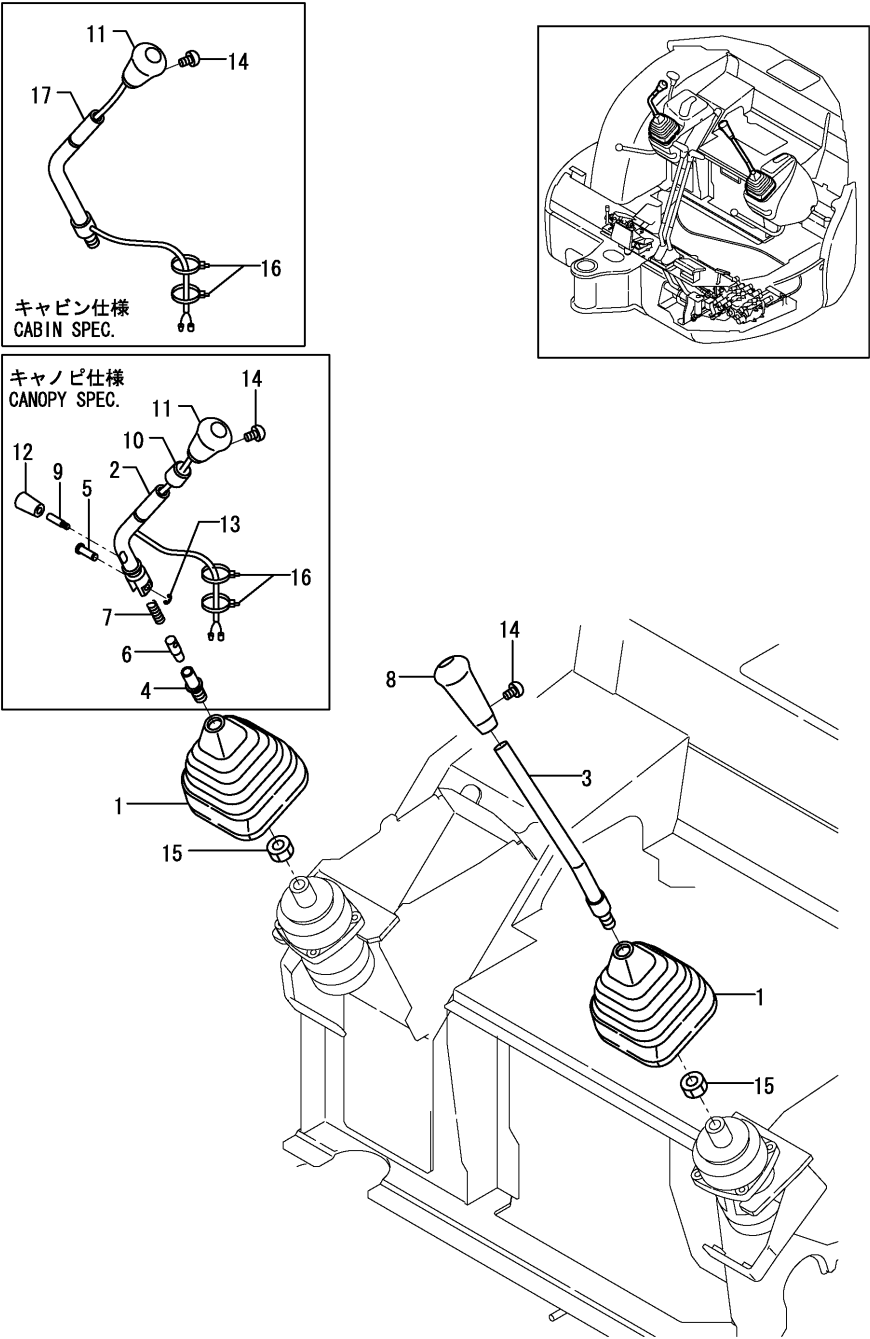
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP	1	1	1					
2	1	172458-45850	GUIDE, HOSE	1	1	1					
3	1	172124-46200	O-RING	2	2	2					
4	1	172458-46600	STAND, LEVER	1	1	1					
5	2	172141-41370	BUSH 2015	2	2	2					
7	2	24550-025150	BUSH, 25X15	2	2	2					
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 L, BOOTS (73)	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 L, LOCK (GRAY:72)	1	1	1					
15	1	172458-47640	ROD, SPRING (GRAY:73)	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					

Fig.37. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)



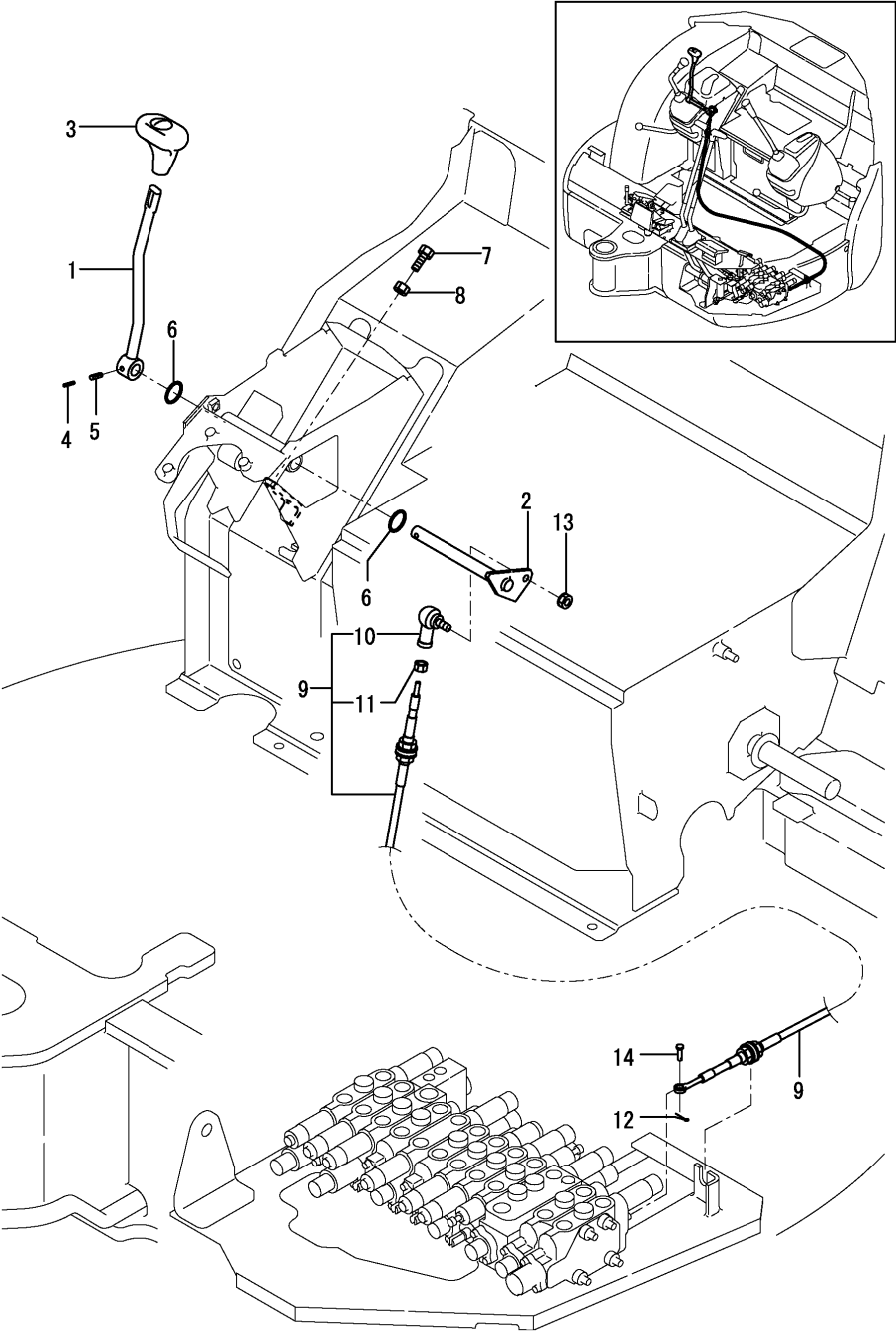
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOTS	2	2	2					
2	1	172472-45100	LEVER L,TRACK(GRAY72	1	1	1					
3	2	172141-41370	BUSH 2015	2	2	2					
5	1	172472-45140	LEVER R,TRACK(GRAY72	1	1	1					
6	2	172141-41370	BUSH 2015	2	2	2					
8	1	172187-45870	GRIP, 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, M10X 25	2	2	2					
20	1	172458-45401	STAND ASSY, LINK	1	1	1					
20-1	1	172458-45402-1	STAND ASSY, LINK	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
21	1	172458-45510	BRACKET,BOOT(BLACK12	1	1	1					
22	1	172187-45760	COVER PAD	1	1	1					
23	1	22137-080000	WASHER, 8	2	2	2					
24	1	26013-080162	BOLT, M8X 16	2	2	2					
25	1	26013-100202	BOLT, M10X 20	6	6	6					
26	1	172458-45250	ROD 91 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 4.75X14	2	2	2					

Fig.38. CONTROL EQUIPMENT(OPERATION LEVER)



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	172458-45011	LEVER R (GRAY:72)		1	1					
3	1	172458-45030	LEVER L (GRAY:72)	1	1	1					
4	1	172164-45041	HINGE		1	1					
5	1	172164-45050	PIN 8X 22		1	1					
6	1	172164-45061	PIN		1	1					
7	1	172164-45070	SPRING		1	1					
8	1	172165-45071	KNOB ASSY	1	1	1					
9	1	172164-45080	SCREW, M6		1	1					
10	1	172164-45090	CAP		1	1					
11	1	172165-47871	KNOB ASSY	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	172458-45051	LEVER R(CAB(GRAY:72)	1							

Fig.39. CONTROL EQUIPMENT(BLADE LEVER)

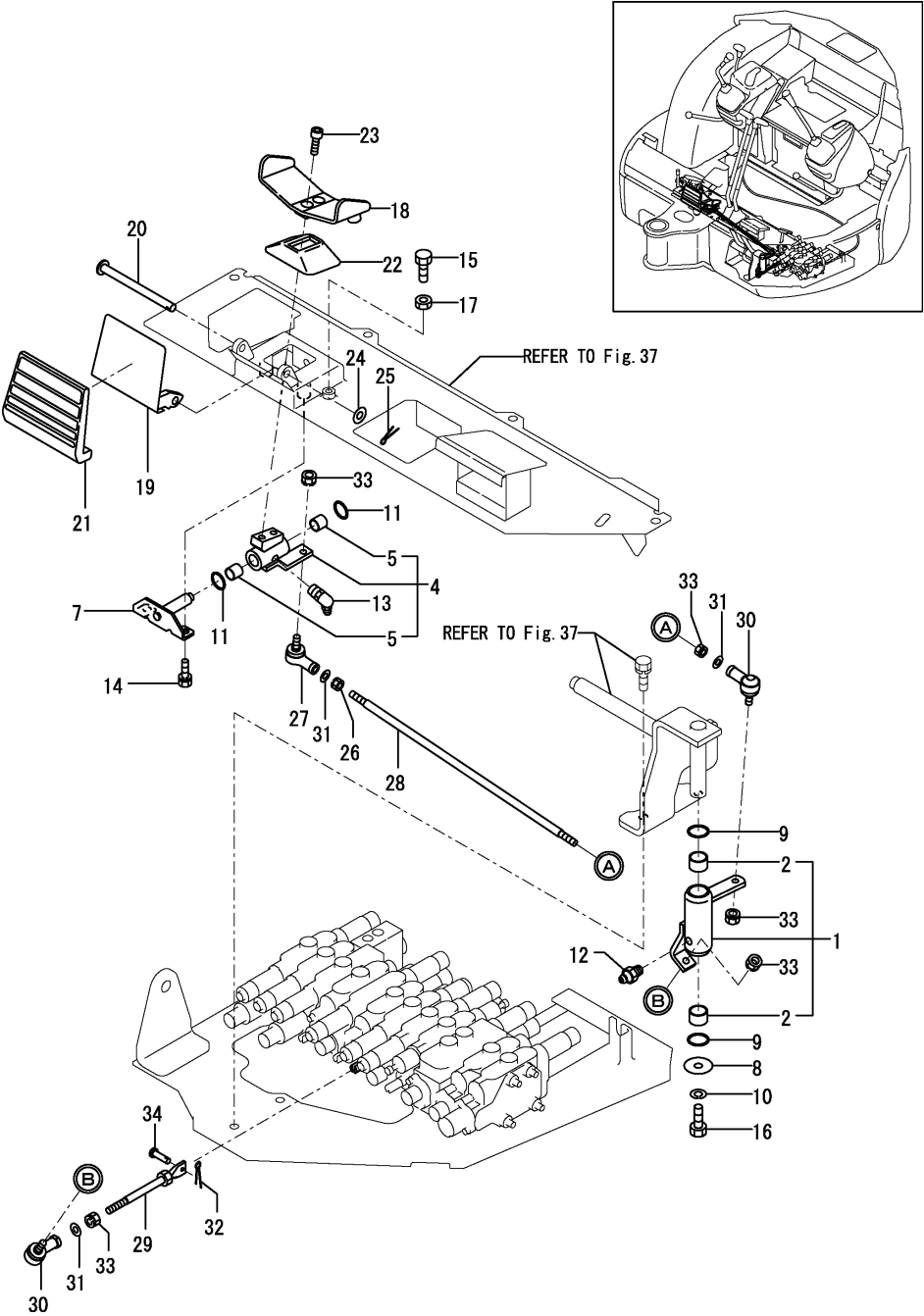


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

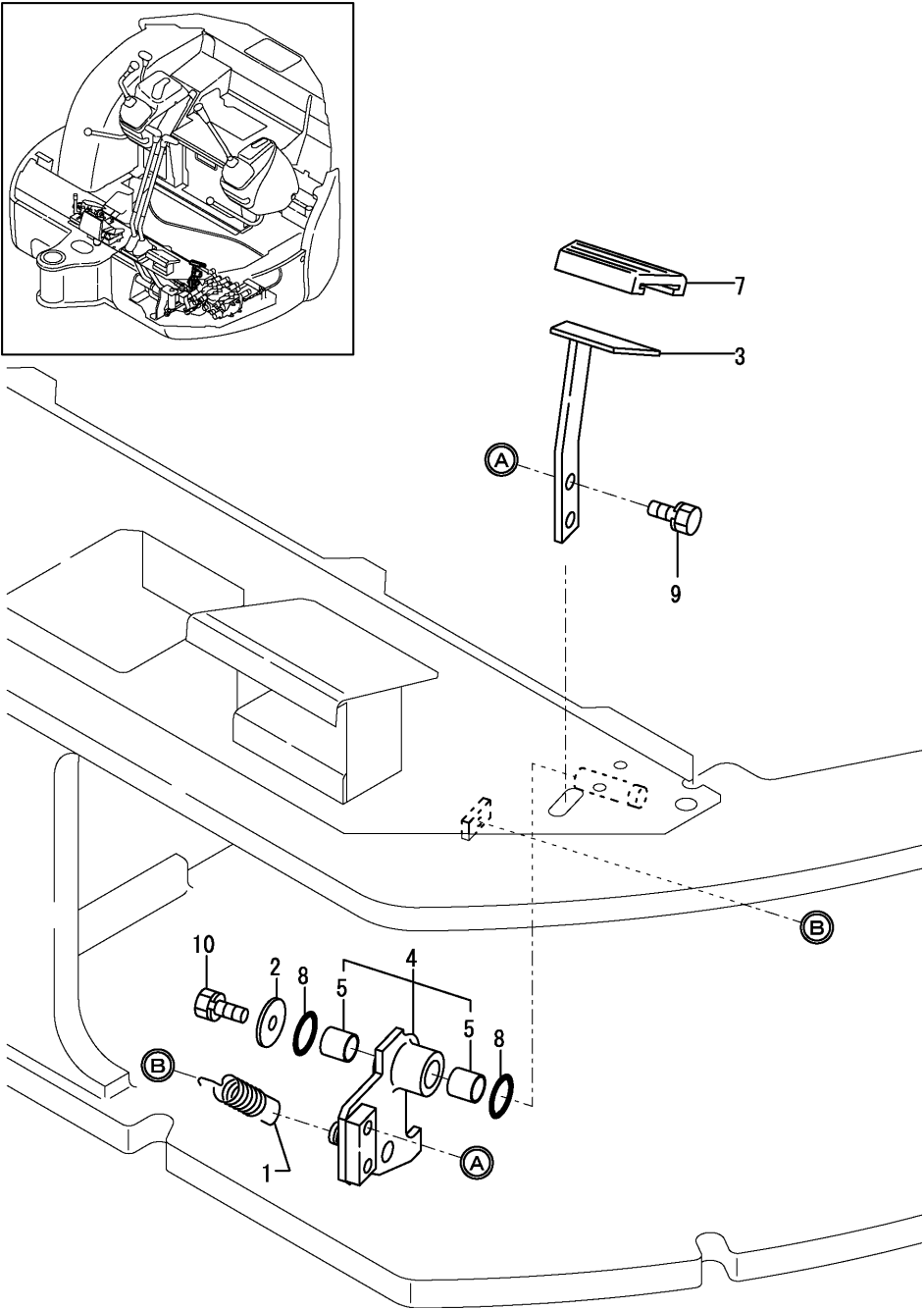
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45700	LEVER,BLADE(GRAY:72)	1	1	1					
2	1	172458-45720	SHAFT ASSY	1	1	1					
3	1	172164-45970	GRIP, BLADE	1	1	1					
4	1	22351-030032	PIN, SPRING 3.0X32	1	1	1					
5	1	22351-050032	PIN, SPRING 5.0X32	1	1	1					
6	1	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	172458-45800	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					

Fig.40. CONTROL EQUIPMENT(SWING PEDAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45180	LINK,SWING (GRAY:72)	1	1	1					
2	2	172141-41370	BUSH 2015	2	2	2					
4	1	172458-45200	LINK,PEDAL (GRAY:72)	1	1	1					
5	2	172141-41360	BUSH 1415	2	2	2					
7	1	172458-45230	SHAFT, PEDAL	1	1	1					
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(GRAY:72)	1	1	1					
19	1	172458-45540	COVER, PEDAL	1	1	1					
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					
28	1	172146-45610	ROD(R), LINK	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.41. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

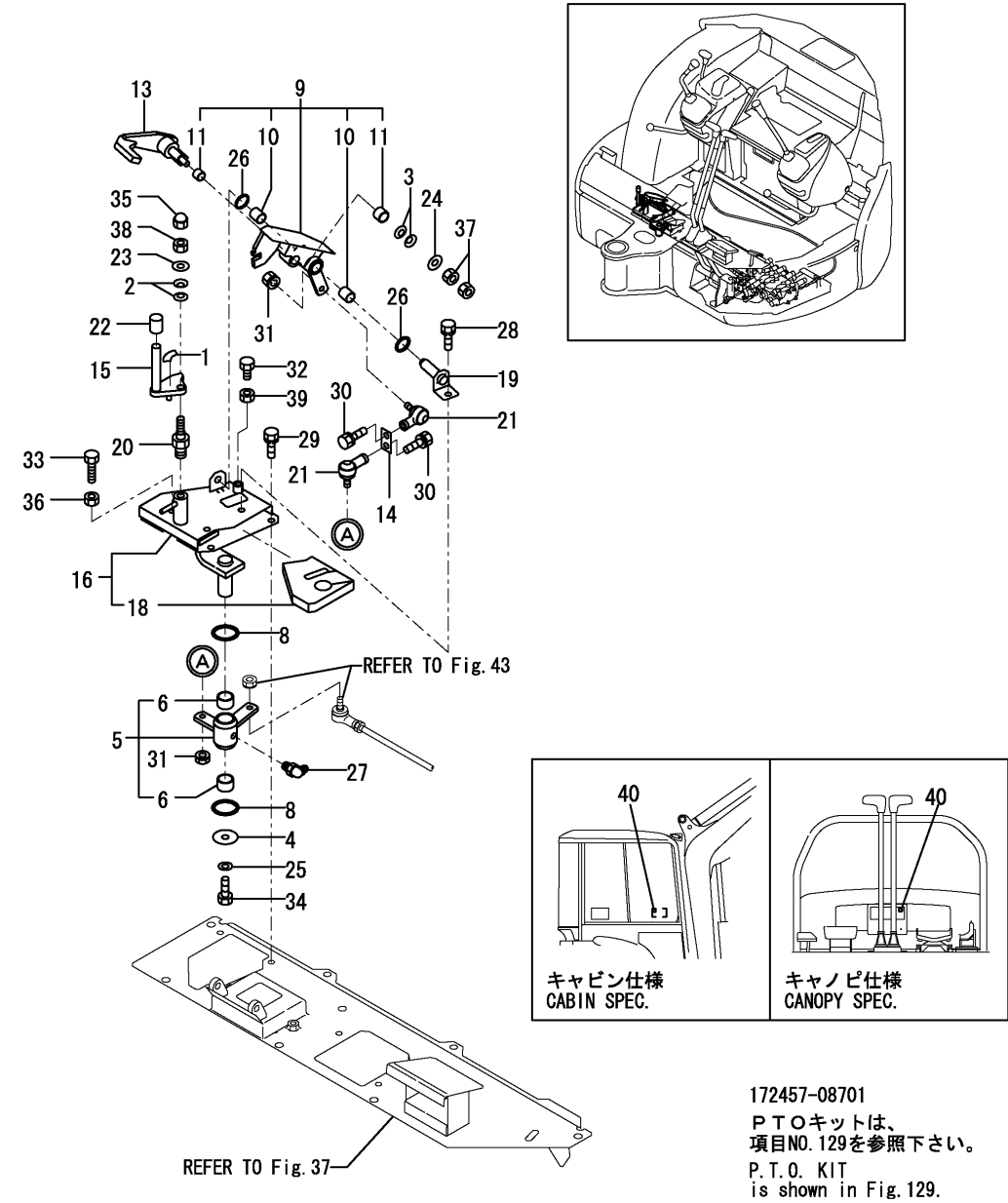


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(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

(D)=
(E)=
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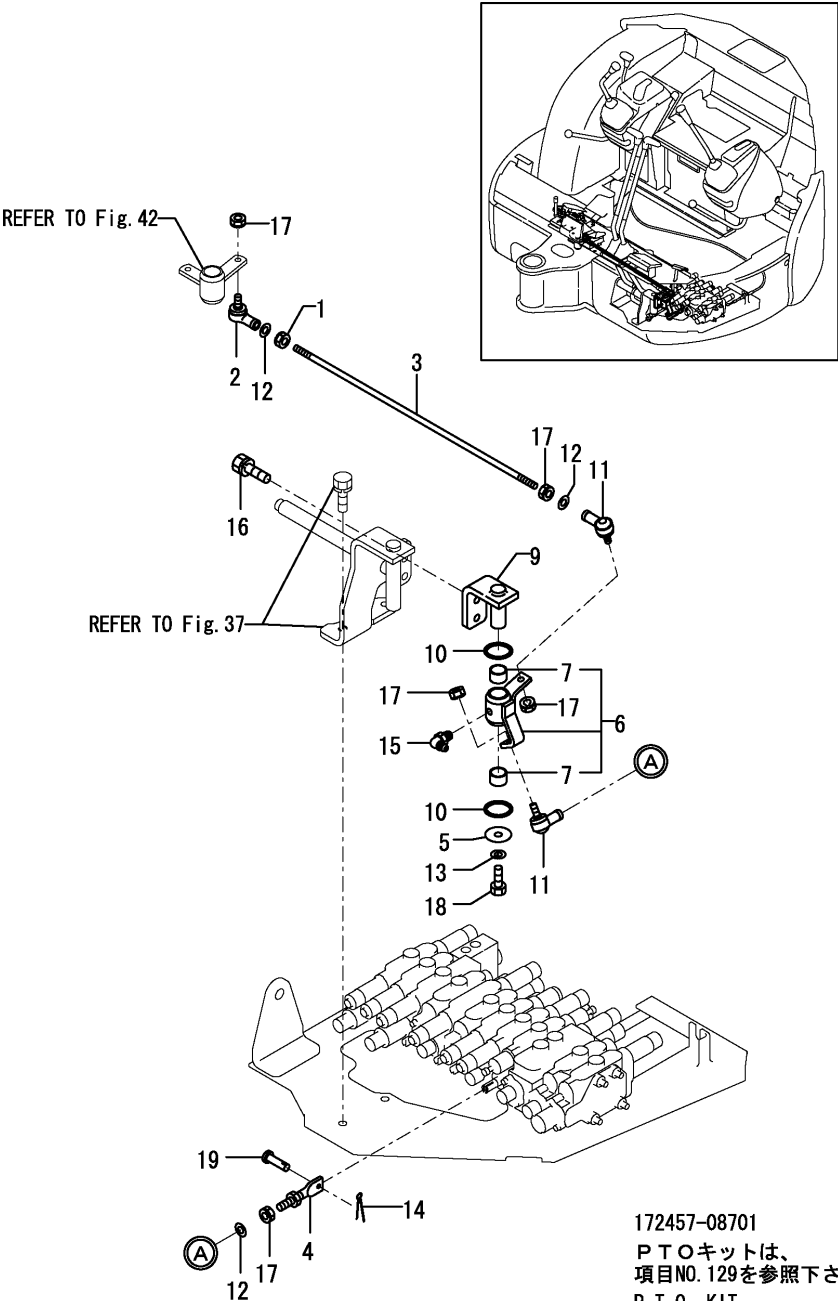
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1	1	1					
2	1	1A1040-43900	WASHER, SPRING	1	1	1					
3	1	172487-45900	PEDAL, LO-HI(GRAY:72)	1	1	1					
4	1	172458-45920	BRACKET, PEDAL(GRAY72)	1	1	1					
5	2	172141-41360	BUSH 1415	2	2	2					
7	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.42. 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					
6	2	172141-41370	BUSH 2015	2	2	2					
8	1	172124-46200	O-RING	2	2	2					
9	1	172458-46230	PEDAL A (GRAY:72)	1	1	1					
10	2	172141-41360	BUSH 1415	2	2	2					
11	2	172110-45050	BUSH 12X12	2	2	2					
13	1	172458-46280	PEDAL B (72)	1	1	1					
14	1	172458-46290	PLATE	1	1	1					
15	1	172458-46350	PLATE, LOCK (GRAY:72)	1	1	1					
16	1	172458-46371	BASE, PEDAL (BLACK:12)	1	1	1					
18	2	172458-46380	RUBBER	1	1	1					
19	1	172187-46400	BRACKET (GRAY:73)	1	1	1					
20	1	172187-46430	SHAFT	1	1	1					
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, M8X 16	1	1	1					
29	1	26013-080162	BOLT, M8X 16	3	3	3					
30	1	26013-080252	BOLT, 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					
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	172490-03210	LABEL, P.T.O.	1	1	1					

Fig.43. CONTROL EQUIPMENT(P.T.O. LINK)

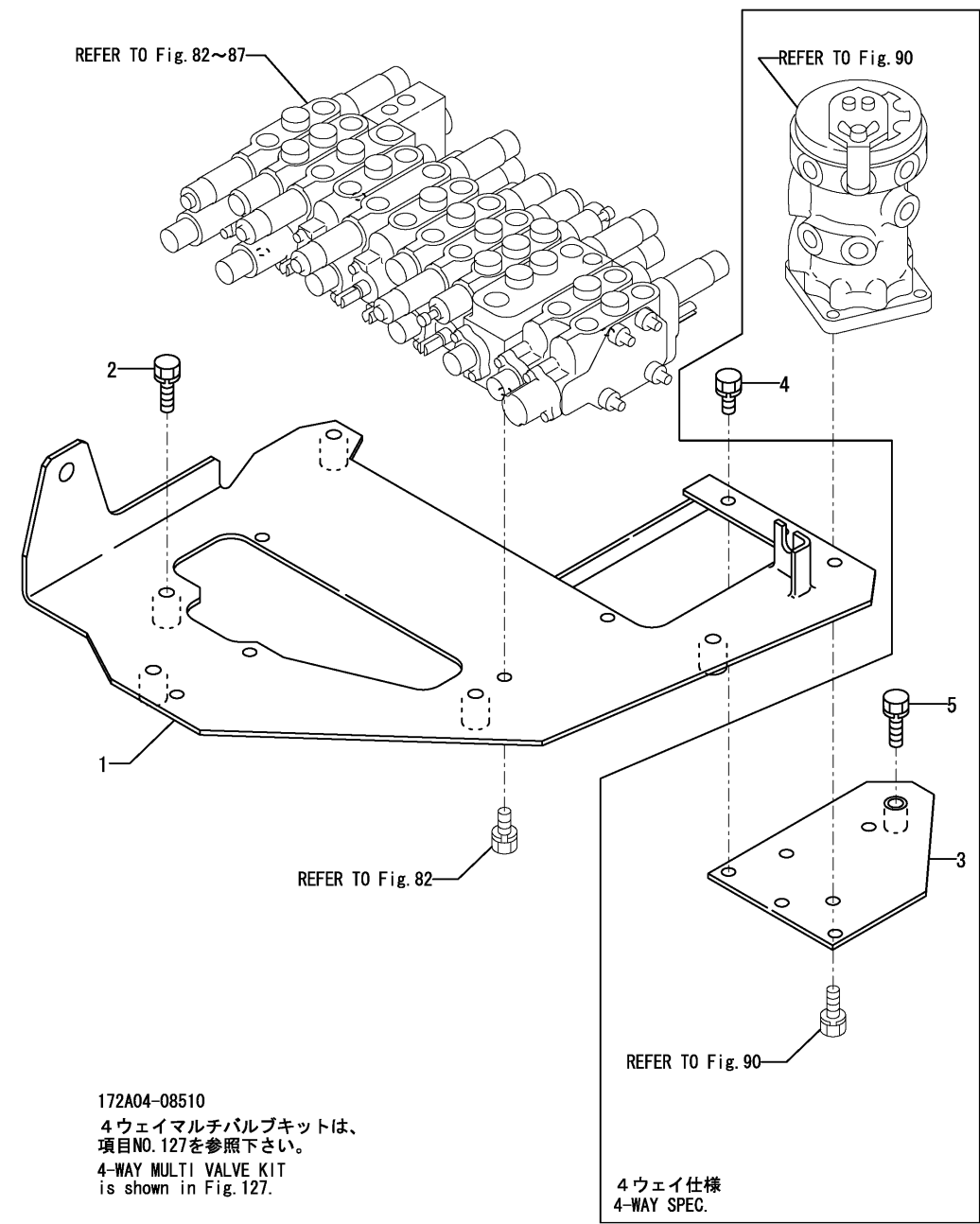


172457-08701
P T Oキットは、
項目NO. 129を参照下さい。
P.T.O. KIT
is shown in Fig. 129.

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(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					
3	1	172142-43591	ROD,465	1	1	1					
4	1	172823-45000	ROD 54, SPOOL	1	1	1					
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1					
6	1	172458-46100	LINK ASSY, PTO	1	1	1					
7	2	172141-41370	BUSH 2015	2	2	2					
9	1	172458-46150	BRACKET,P.T.O. (72)	1	1	1					
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 4.75X14	1	1	1					

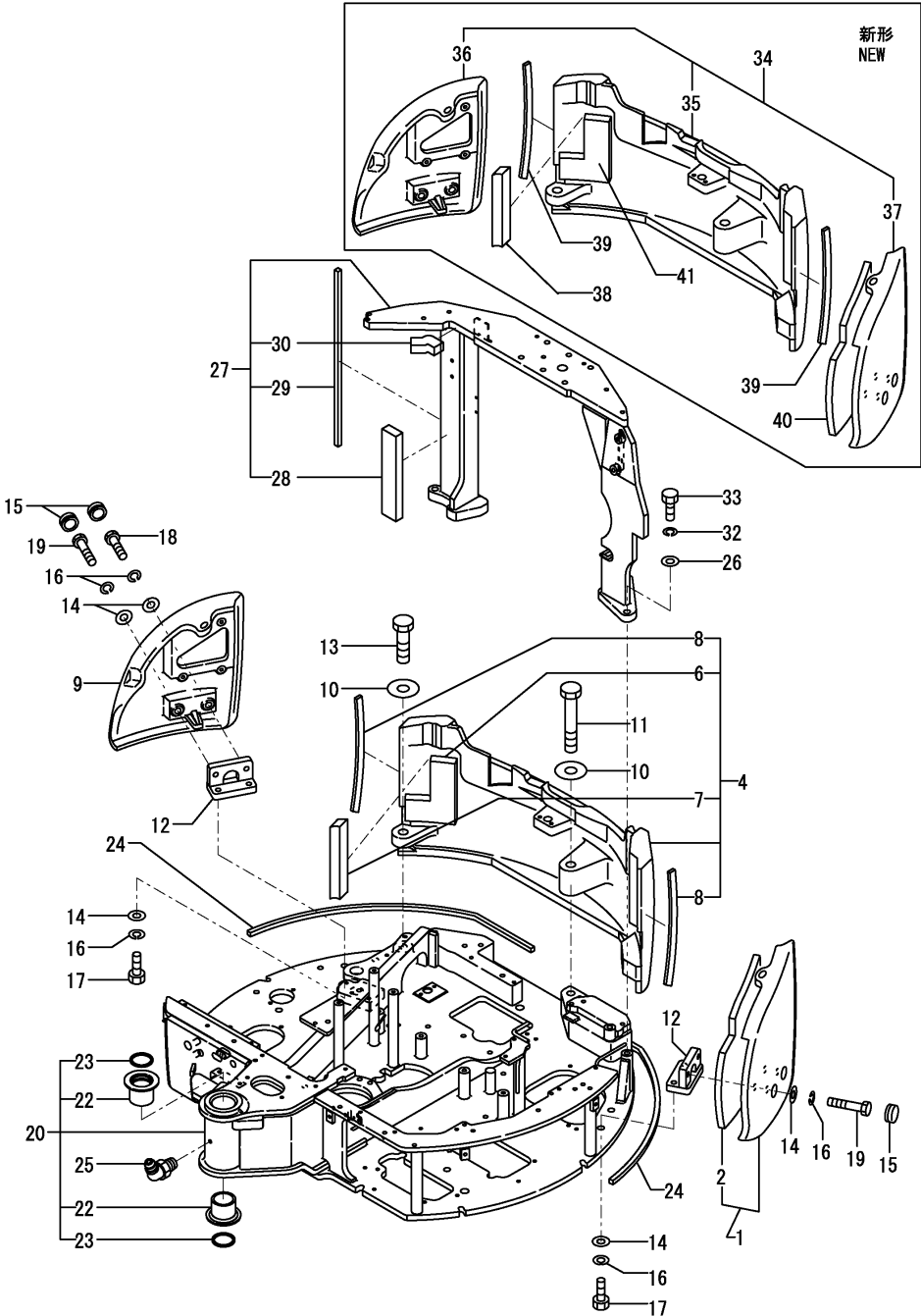


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

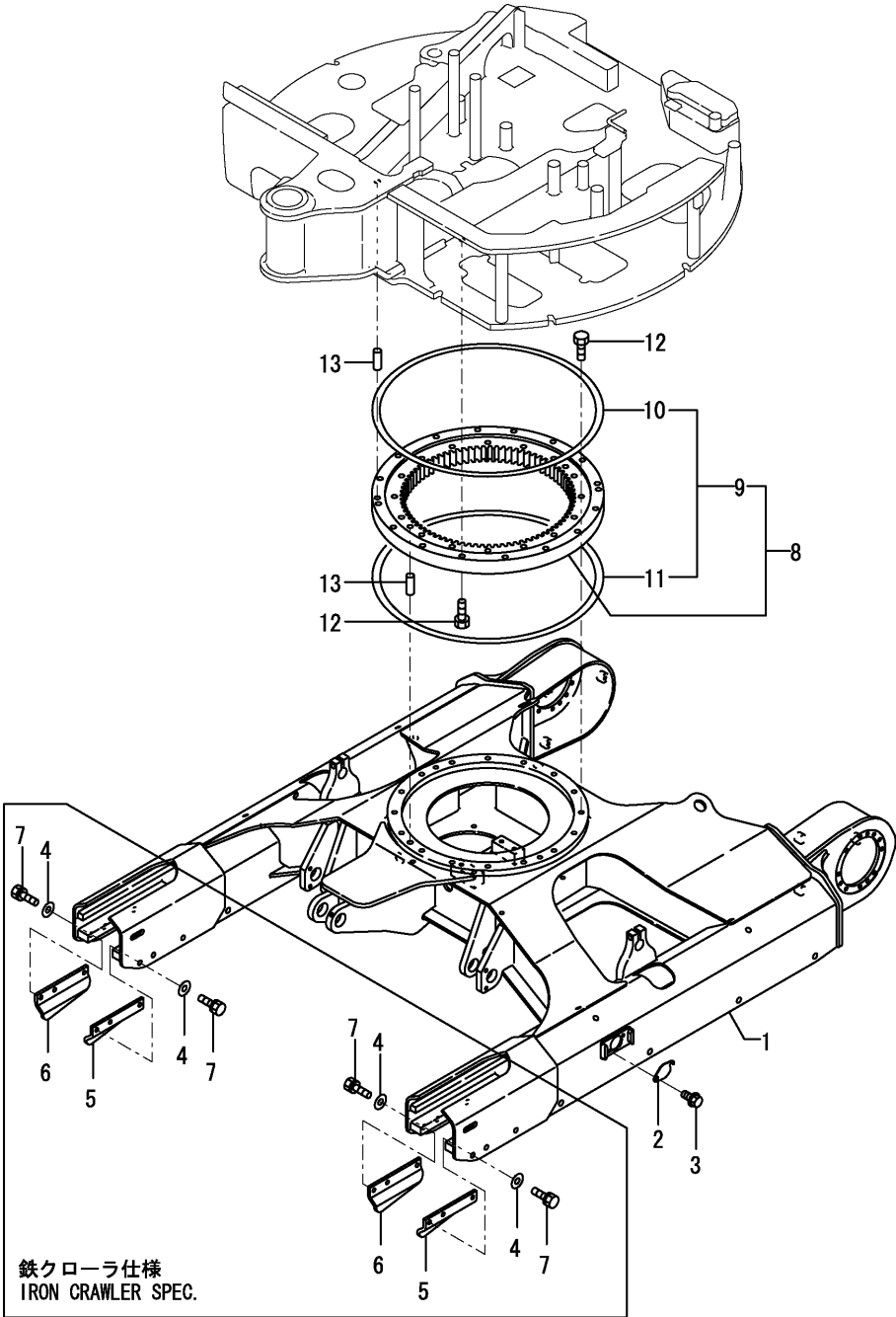
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172487-45600	PLATE,VALVE(GRAY:72)	1	1	1					
2	1	26013-100402	BOLT, M10X 40	5	5	5					
3	1	172487-74200	BRACKET,MULTI	1	1						
4	1	26013-100202	BOLT, M10X 20	3	3						
5	1	26013-100352	BOLT, M10X 35	1	1						

Fig.45. TURNING FRAME & CANOPY MOUNT



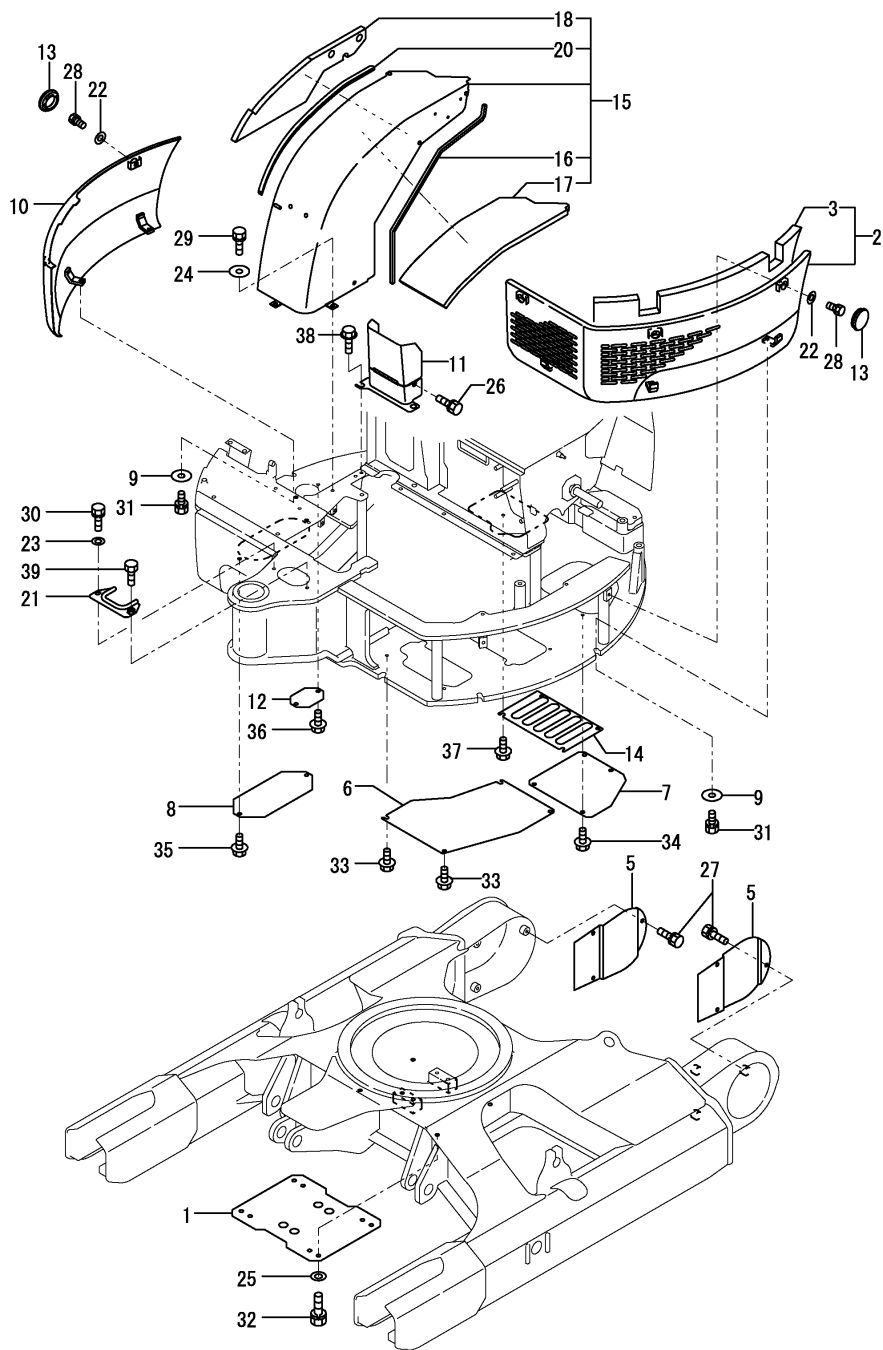
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-53282	WEIGHT ASSY	1	1	1					Z
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
2	2	172458-53292	SPONGE	1	1	1					
4	1	172457-53292	WEIGHT, COUNTER	1	1	1					Z
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
6	2	172457-53331	SEAL, WEIGHT	1	1	1					
7	2	172487-53330	SEAL B	1	1	1					
8	2	172458-53370	SEAL, COUNTER	2	2	2					
9	1	172457-53310	WEIGHT	1	1	1					Z
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
10	1	172187-53320	WASHER 24.5X65X8	2	2	2					
10-1	1	172187-53321	WASHER 24.5X65X8	2	2	2					N
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
11	1	172455-53330	BOLT 24X140	1	1	1					
11-1	1	172455-53331	BOLT 24X140	1	1	1					N
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
12	1	172458-53330	BRACKET ASSY	2	2	2					
13	1	172458-53360	BOLT	1	1	1					
14	1	172165-53500	WASHER	8	8	8					
15	1	172456-53700	GROMMET	4	4	4					
16	1	22217-160000	WASHER, SPRING 16	8	8	8					
17	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4					
18	1	26116-160652	BOLT, M16X 65 PLATED	1	1	1					
19	1	26116-160752	BOLT, M16X 75 PLATED	3	3	3					
20	1	172A24-54090	FRAME,TURNING (97)	1	1	1					
22	2	172168-54750	BUSH 60X70	2	2	2					
23	2	172168-54760	SEAL, DUST	2	2	2					
24	1	172458-54750	SEAL	2	2	2					
25	1	24761-040000	NIPPLE, GREASE B	1	1	1					
26	1	172165-53500	WASHER	4	4	4					
27	1	172458-67203	MOUNT,CANOPY(GRAY:72	1	1	1					
28	2	172480-54130	SEAL, FRAME	1	1	1					
29	2	172458-66220	SPONGE	1	1	1					
30	2	172458-66240	SPONGE	1	1	1					
32	1	22217-160000	WASHER, SPRING 16	4	4	4					
33	1	26116-160652	BOLT, M16X 65 PLATED	4	4	4					
34	1	172457-53200	WEIGHT SET, COUNTER	1	1	1					W
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
35	2	172457-53300	WEIGHT, COUNTER	1	1	1					
36	2	172457-53310	WEIGHT	1	1	1					
37	2	172458-53310	WEIGHT	1	1	1					
38	1	172487-53330	SEAL B	1	1	1					W
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
39	1	172458-53370	SEAL, COUNTER	2	2	2					W
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
40	1	172458-53292	SPONGE	1	1	1					W
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									
41	1	172457-53331	SEAL, WEIGHT	1	1	1					W
		(A=M/#35253) (B=M/#35253) (C=M/#35253)									

Fig.46. TRACK FRAME & TURNING BEARING



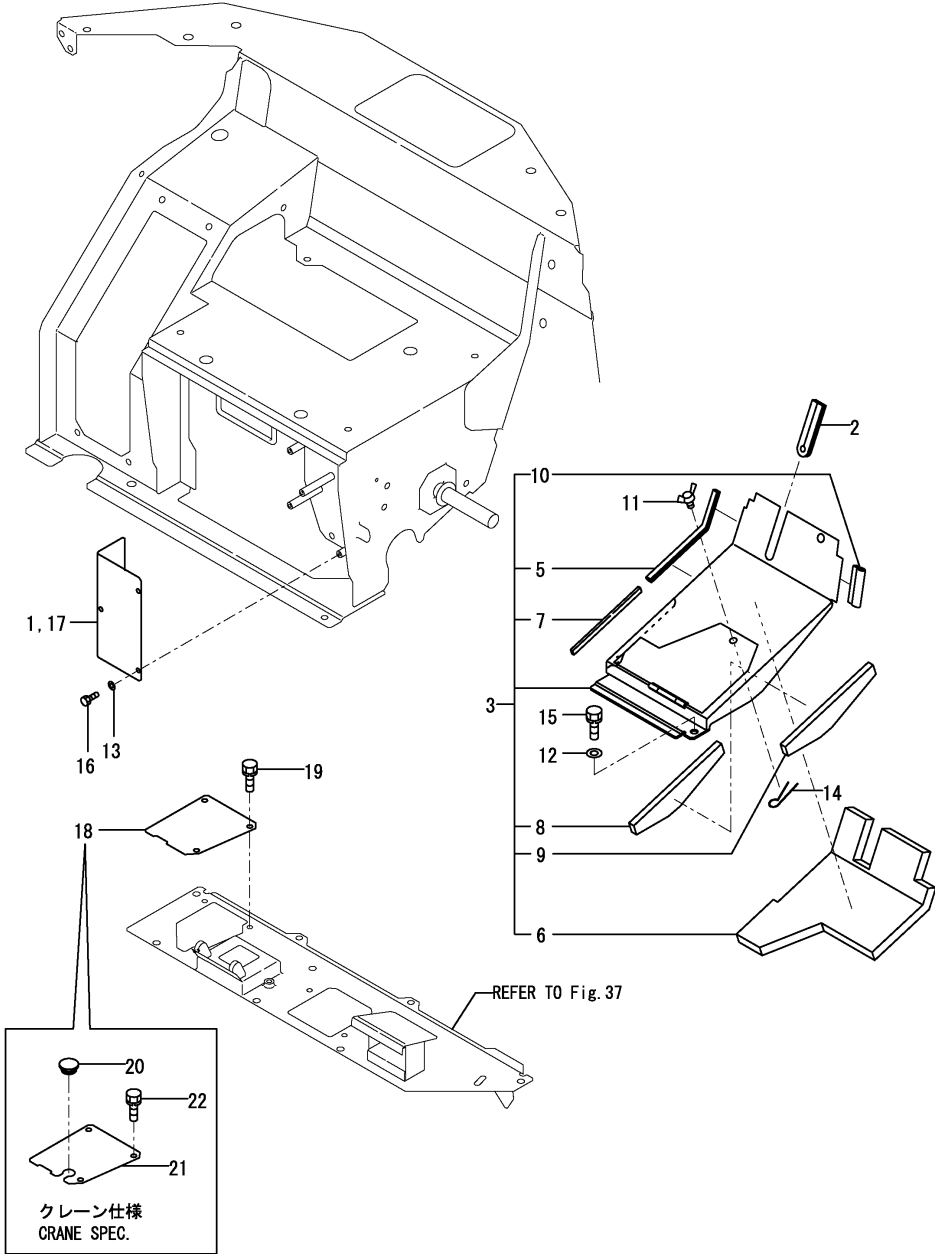
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-50102	FRAME ASSY,LOWER(88)	1	1	1					
1-1	1	172A44-50100	FRAME ASSY,LOWER(88)	1	1	1					R
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
2	1	172458-50480	COVER, FRAME	2	2	2					
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4					
4	1	172730-05250	WASHER 12	12	12	12					
5	1	172458-50800	PLATE,GUARD L (88)	2	2	2					
6	1	172458-50810	PLATE,GUARD R (88)	2	2	2					
7	1	26013-120252	BOLT, M12X 25	12	12	12					
8	1	172458-57600	BEARING,TURNING (88)	1	1	1					
9	2	172142-57610	SEAL SET	1	1	1					
10	3	172122-57630	SEAL, SWING	1	1	1					
11	3	172122-57640	SEAL, SWING	1	1	1					
12	1	172122-57610	BOLT	32	32	32					
12-1	1	172A46-57610	BOLT 14X65	32	32	32					N
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
13	1	172122-57620	PARALLEL PIN 13X36	3	3	3					
13-1	1	172122-57620	PARALLEL PIN 13X36	4	4	4					K
(A=M/#35253) (B=M/#35253) (C=M/#35253)											

Fig.47. COVER(FRAME)



				(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX)				(D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172141-50762-1	COVER	1	1	1					
1-1	1	172141-50763-3	COVER	1	1	1				N	
		(A=MXXXXXX)	(B=MXXXXXX)	(C=MXXXXXX)							
2	1	172457-61082	COVER, FRAME	1	1	1					
3	2	172457-61092	SPONGE	1	1	1					
5	1	172457-61100	COVER, TRAVEL	2	2	2					
6	1	172458-61110	COVER, VALVE	1	1	1					
7	1	172457-61140-4	COVER, PUMP	1	1	1					
8	1	172458-61150	COVER, FUEL	1	1	1					
9	1	172458-61261	WASHER	5	5	5					
10	1	172458-61271	COVER, FRAME	1	1	1					
11	1	172A23-61410	PLATE ASSY(BLACK:12)	1	1	1					
12	1	172168-61560-4	PLATE	1	1	1					
13	1	172455-61600	PLUG 28X3.2	5	5	5					
14	1	172A25-61670	COVER, ENGINE OIL	1	1	1					
15	1	172458-61691	COVER ASSY	1	1	1					
16	2	172458-61650	SEAL	1	1	1					
17	2	172458-61671	SPONGE	1	1	1					
18	2	172458-61681	SPONGE	1	1	1					
20	2	172445-68850	RUBBER, SEAL	1	1	1					
21	1	172458-61871	COVER, HOSE	1	1	1					
22	1	22137-100000	WASHER, 10	5	5	5					
23	1	22137-100000	WASHER, 10	1	1	1					
24	1	22137-100000	WASHER, 10	4	4	4					
25	1	22137-120000	WASHER, 12	4	4	4					
26	1	26013-100162	BOLT, M10X 16	1	1	1					
27	1	26013-100202	BOLT, M10X 20	6	6	6					
28	1	26013-100202	BOLT, M10X 20	5	5	5					
29	1	26013-100202	BOLT, M10X 20	4	4	4					
30	1	26013-100202	BOLT, M10X 20	1	1	1					
31	1	26013-100352	BOLT, M10X 35	5	5	5					
32	1	26013-120252	BOLT, M12X 25	4	4	4					
33	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4					
34	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4					
35	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2					
36	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2					
37	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4					
38	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2					
39	1	26116-100302	BOLT, M10X 30 PLATED	1	1	1					

Fig.48. COVER(AROUND CONTROL)



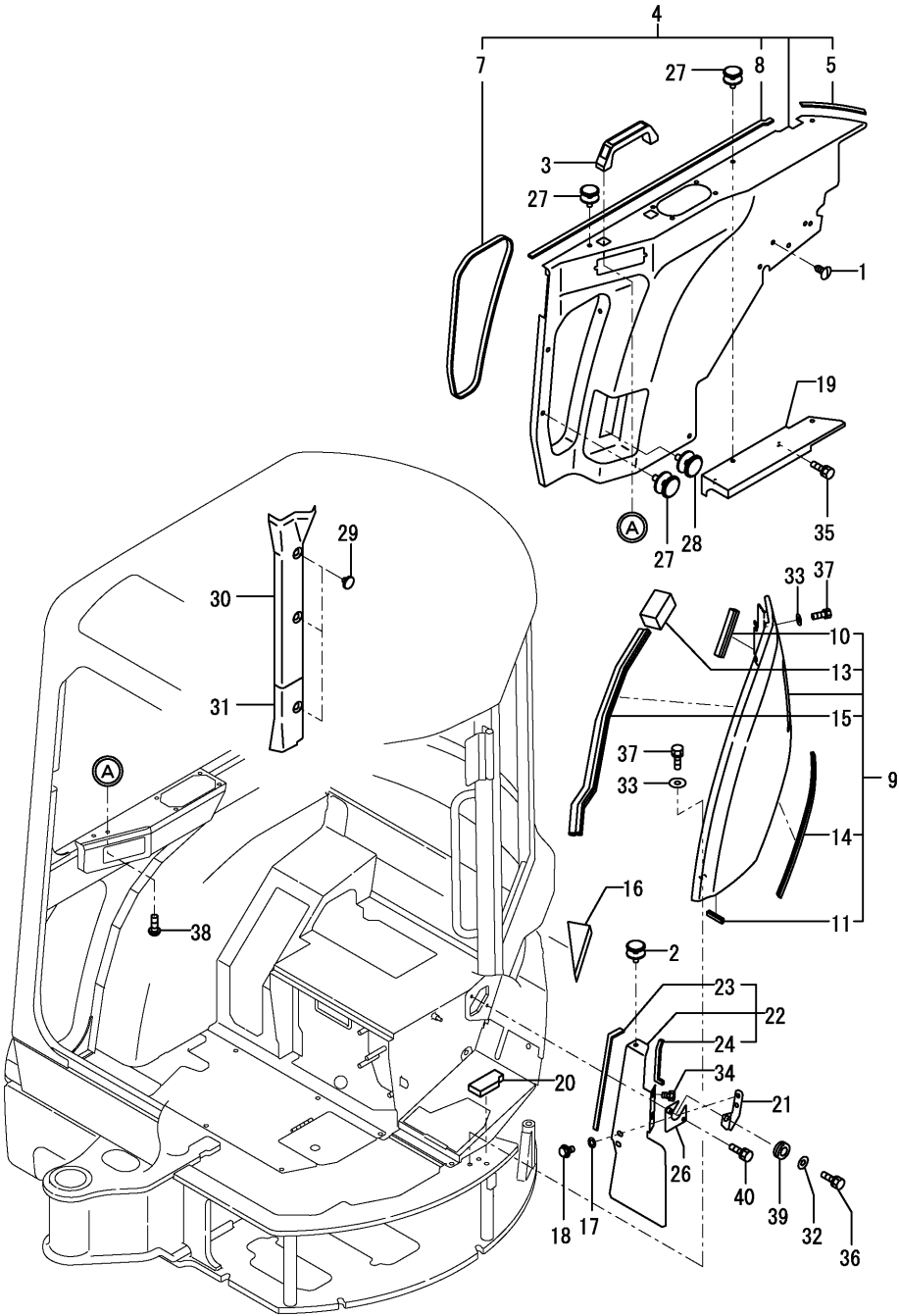
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-61200	COVER, ELECTRIC	1	1	1					
2	1	172458-61300	GROMMET	1	1	1					
3	1	172460-61322	COVER, MULTI	1	1	1					
3-1	1	172460-61323	COVER, MULTI	1	1	1					N
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
5	2	172146-61370	RUBBER, SEAL	1	1	1					
6	2	172458-61521	SPONGE	1	1	1					
6-1	2	172458-61522	SPONGE	1	1	1					N
		(A=M/#30997) (B=M/#30997) (C=M/#30997)									
7	2	172458-61540	SEAL, MULTI COVER	1	1	1					
8	2	172458-61580	SEAL	1	1	1					
9	2	172458-61590	SEAL	1	1	1					
10	2	172168-65800	RUBBER, SEAL	1	1	1					
11	1	172142-62300	WING BOLT M10X15	1	1	1					
12	1	22137-100000	WASHER, 10	2	2	2					
13	1	22217-060000	WASHER, SPRING 6	3	3	3					
14	1	22417-320200	PIN, COTTER 3.2X20	1	1	1					
15	1	26013-100202	BOLT, M10X 20	2	2	2					
16	1	26116-060122	BOLT, M6X 12 PLATED	3	3	3					
17	1	172460-64780	COVER ASSY, ELECTRIC	1	1						1
18	1	172458-45500	PLATE (BLACK:12)	1	1						
19	1	26013-080162	BOLT, M8X 16	3	3						
20	1	172187-16560	GROMMET	1	1						1
21	1	172460-45500	PLATE,CRANE (12)	1	1						1
22	1	26013-080162	BOLT, M8X 16	3	3						1

Remarks
(1)CRANE SPEC.

Fig.49. COVER(CABIN)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-64610	CLIP, TREE	3							
2	1	172444-17660	CLIP, TREE	1							
3	1	172164-45980	GRIP, BONNET	1							
4	1	172458-61791	COVER ASSY, DUCT	1							
5	2	172146-61370	RUBBER, SEAL	1							
7	2	172458-61820	TRIM	1							
8	2	172444-68810	RUBBER, SEAL	1							
9	1	172457-61900	BONNET L,CAB(GREEN96	1							
10	2	172458-61500	RUBBER, SEAL	1							
11	2	172458-61510	RUBBER, SEAL	1							
13	2	172458-63900	STOPPER	1							
14	2	172458-63910	SEAL, SPONGE	1							
15	2	172989-68630	RUBBER, SEAL	1							
16	1	172460-61960	SEAL	1							
17	1	172458-62430	WASHER M8	2							
18	1	172519-63240	BOLT	2							
19	1	172458-63300	PLATE	1							
20	1	172458-63350	SPONGE	1							
21	1	172458-63520	PLATE (GRAY:73)	1							
22	1	172458-63540	COVER ASSY, HOSE	1							
23	2	172823-61520	TRIM	1							
24	2	172162-61870	TRIM	1							
26	1	172458-63570	COVER, SEAT MOUNT	1							
27	1	1A6260-64200	CLIP	9							
28	1	1A6260-64200	CLIP	3							
29	1	172458-64600	CLIP, TREE	3							
30	1	172458-68990	COVER, PILLAR	1							
31	1	172458-69000	COVER, PILLAR	1							
32	1	22137-080000	WASHER, 8	1							
33	1	22151-100000	WASHER 10	4							
34	1	26013-080162	BOLT, M8X 16	2							
35	1	26013-080162	BOLT, M8X 16	2							
36	1	26013-080252	BOLT, M8X 25	1							
37	1	26013-100252	BOLT, M10X 25	4							
38	1	26557-080202	SCREW, M8X20	2							
39	1	933160-09220	GROMMET	1							
40	1	26013-080162	BOLT, M8X 16	1							

OCK10-M39802 COVER
Fig.50. COVER(CANOPY)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-64610	CLIP, TREE		3	3					
2	1	172457-61400	BONNET,CAN(GREEN:96)		1	1					
4	2	172458-61490	RUBBER, SEAL 510		1	1					
5	2	172458-61500	RUBBER, SEAL		1	1					
6	2	172458-61510	RUBBER, SEAL		1	1					
7	1	172458-61600	COVER ASSY		1	1					
8	1	172458-61750	HANDRAIL		1	1					
9	1	1A6260-64200	CLIP		3	3					
10	1	22137-100000	WASHER, 10		2	2					
11	1	22137-120000	WASHER, 12		1	1					
12	1	22157-100000	WASHER, 10		1	1					
13	1	26013-100252	BOLT, M10X 25		3	3					
14	1	26013-100252	BOLT, M10X 25		2	2					
15	1	26013-120302	BOLT, M12X 30		2	2					
16	1	26013-120302	BOLT, M12X 30		1	1					

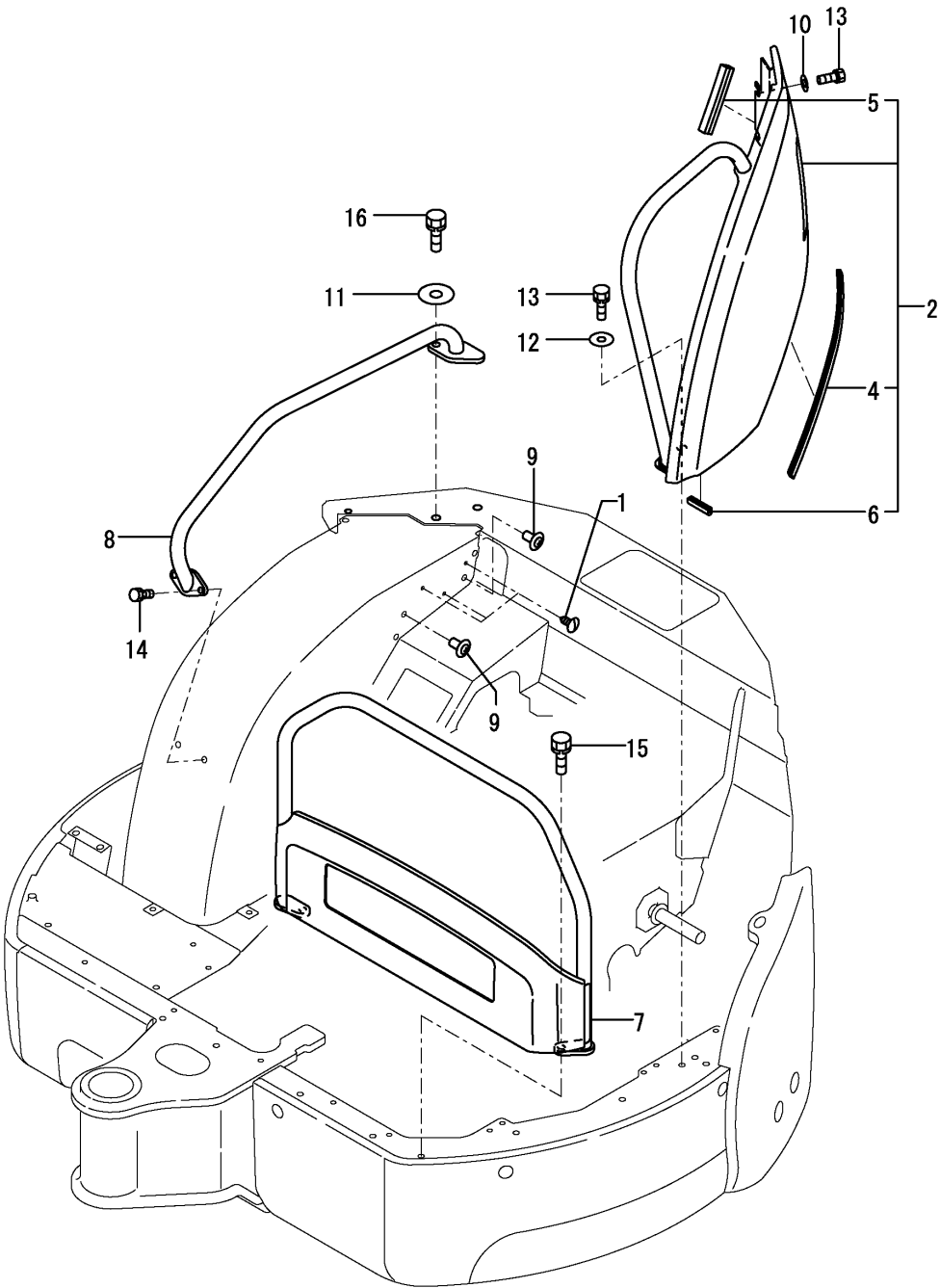
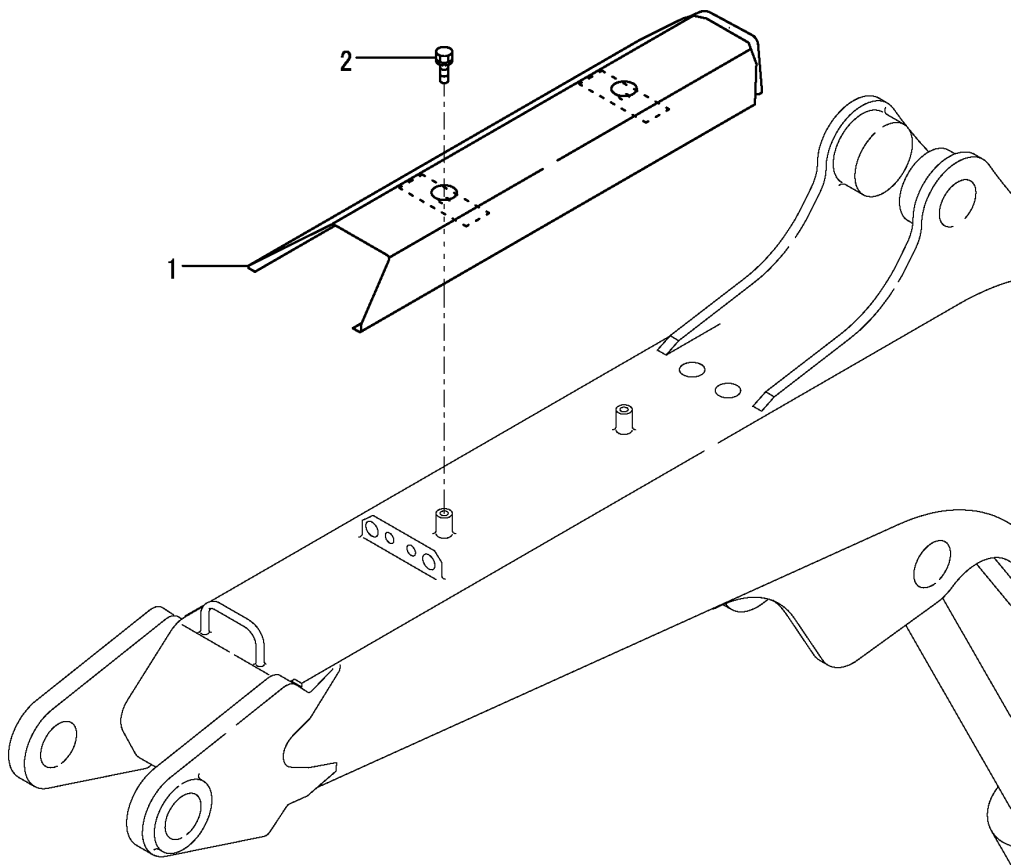
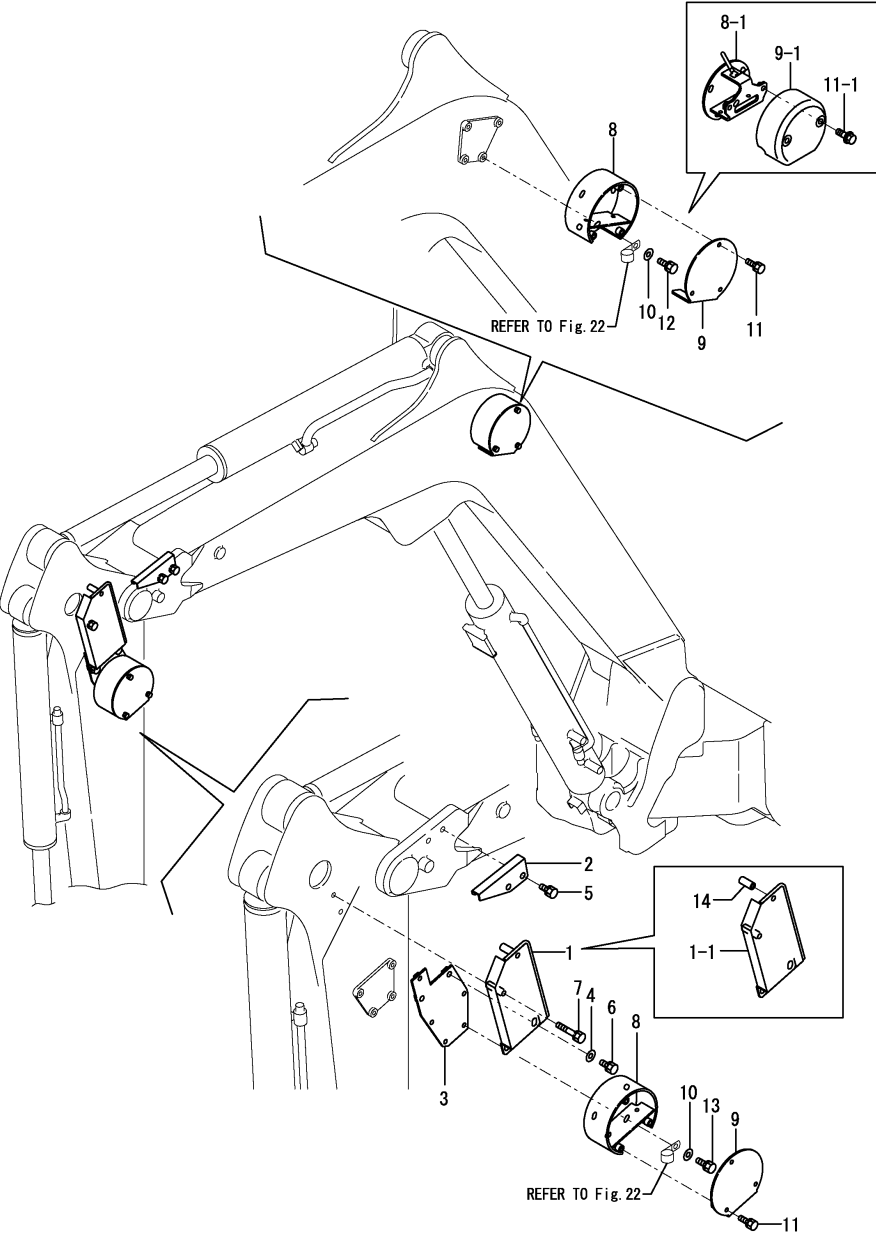


Fig.51. COVER(BOOM)

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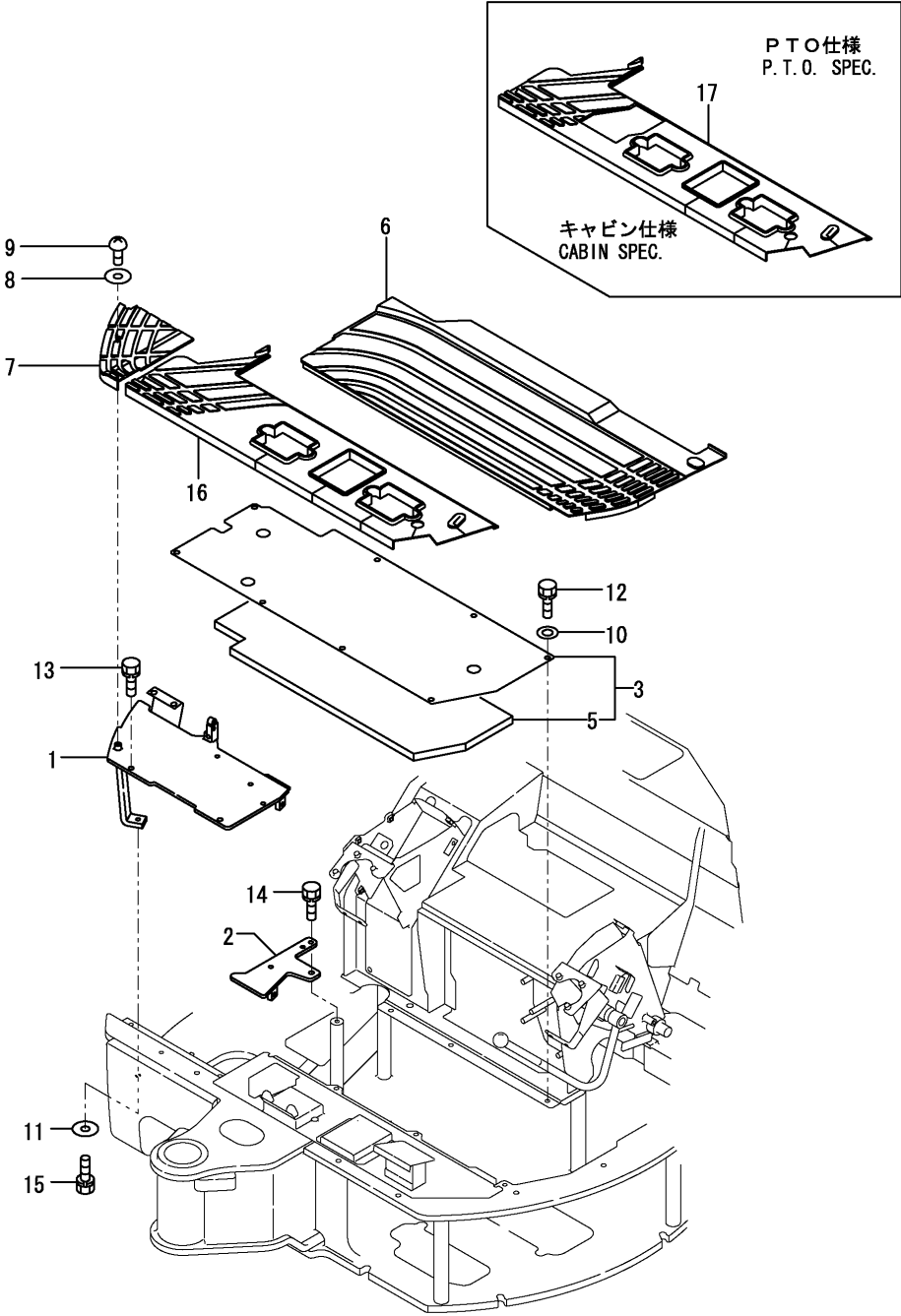
OCK10-M39802 COVER
Fig.52. COVER(CRANE)



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

OCK10-M39802 Fig.52									
(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX) (D)= (E)= (F)=									
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty (D)	(E)	(F) I R
1	1	172A25-61801	COVER, HARNESS	1	1				
1-1	1	172A25-61802	COVER, HARNESS	1	1				S
(B=M/#31248)									
2	1	172A25-61831	COVER, HARNESS	1	1				
3	1	172A25-61840	STAY ASSY	1	1				
3-1	1	172A25-61841	STAY ASSY	1	1				R
(B=M/#35253)									
4	1	22137-100000	WASHER, 10	2	2				
5	1	26013-100202	BOLT, M10X 20	2	2				
6	1	26013-100202	BOLT, M10X 20	2	2				
7	1	26013-100552	BOLT, M10X 55	1	1				
8	1	172187-61800	CASE ASSY, SENSOR	2	2				
8-1	1	172A78-61800-2	CASE ASSY	2	2				F 1
(A=M/#XXXXXX) (B=M/#XXXXXX)									
9	1	172187-61840	COVER, SENSOR CASE	2	2				
9-1	1	172A78-61840-2	COVER, SENSOR	2	2				F 1
(A=M/#XXXXXX) (B=M/#XXXXXX)									
10	1	22137-080000	WASHER, 8	8	8				
11	1	26013-060162	BOLT, M6X 16	6	6				
11-1	1	26014-100252	BOLT, M10X 25	4	4				S 1
(A=M/#XXXXXX) (B=M/#XXXXXX)									
12	1	26013-080162	BOLT, M8X 16	4	4				
13	1	26013-080202	BOLT, M8X 20	4	4				
14	1	172A25-61820	BOSS	1	1				W
(B=M/#31248)									

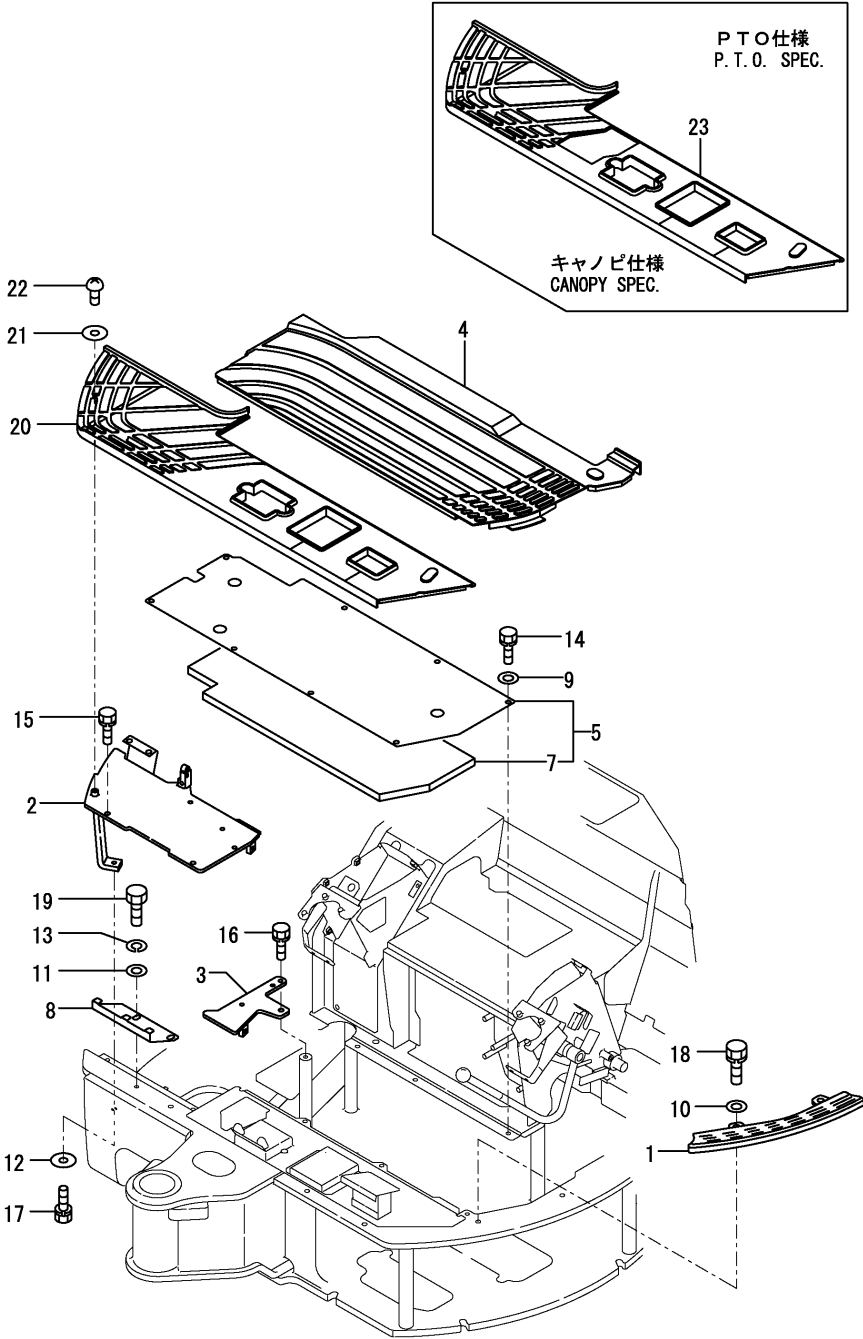
Fig.53. STEP & FLOOR MAT(CABIN)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62122	STEP	1							
2	1	172458-62180	PLATE,SUB (GREEN:97)	1							
3	1	172457-62271	STEP ASSY	1							
5	2	172457-62281	SPONGE	1							
6	1	172458-62400	MAT,FLOOR A(CABIN	1							
7	1	172458-62420	FLOOR MAT C (CABIN	1							
8	1	172458-62430	WASHER M8	2							
9	1	172137-69850	SCREW	2							
10	1	22137-100000	WASHER, 10	8							
11	1	22157-100000	WASHER, 10	1							
12	1	26013-100202	BOLT, M10X 20	8							
13	1	26013-100252	BOLT, M10X 25	2							
14	1	26013-100252	BOLT, M10X 25	1							
15	1	26013-100402	BOLT, M10X 40	1							
16	1	172458-62410	MAT,FLOOR B(CABIN	1							
17	1	172458-62520	MAT,FLOOR B-P.T.O.(C	1							

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
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Fig.54. STEP & FLOOR MAT(CANOPY)

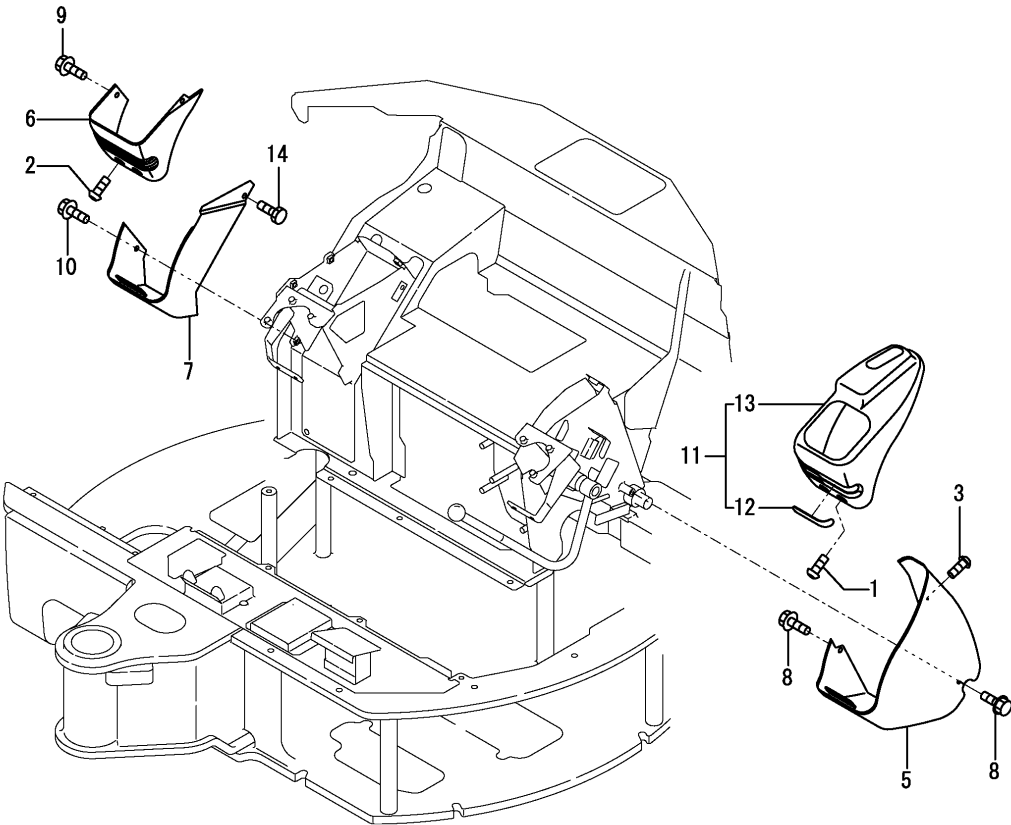
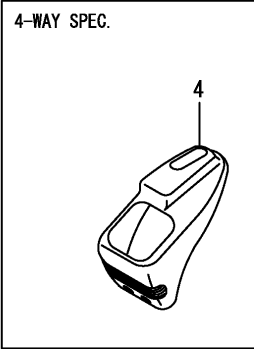


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62110	STEP		1	1					
2	1	172458-62122	STEP		1	1					
3	1	172458-62180	PLATE,SUB (GREEN:97)		1	1					
4	1	172458-62200	MAT,FLOOR A		1	1					
5	1	172457-62271	STEP ASSY		1	1					
7	2	172457-62281	SPONGE		1	1					
8	1	172458-62500	HOOK,FLOOR MAT (12)		1	1					
9	1	22137-100000	WASHER, 10		8	8					
10	1	22137-120000	WASHER, 12		2	2					
11	1	22137-120000	WASHER, 12		2	2					
12	1	22157-100000	WASHER, 10		1	1					
13	1	22217-120000	WASHER, SPRING 12		2	2					
14	1	26013-100202	BOLT, M10X 20		8	8					
15	1	26013-100252	BOLT, M10X 25		2	2					
16	1	26013-100252	BOLT, M10X 25		1	1					
17	1	26013-100402	BOLT, M10X 40		1	1					
18	1	26013-120302	BOLT, M12X 30		2	2					
19	1	26116-120202	BOLT, M12X 20 PLATED		2	2					
20	1	172458-62210	MAT,FLOOR B		1						
21	1	172458-62430	WASHER M8		1						
22	1	172137-69850	SCREW		1						
23	1	172458-62510	MAT,FLOOR B-P.T.O.		1	1					

Fig.55. INSTRUMENT PANEL



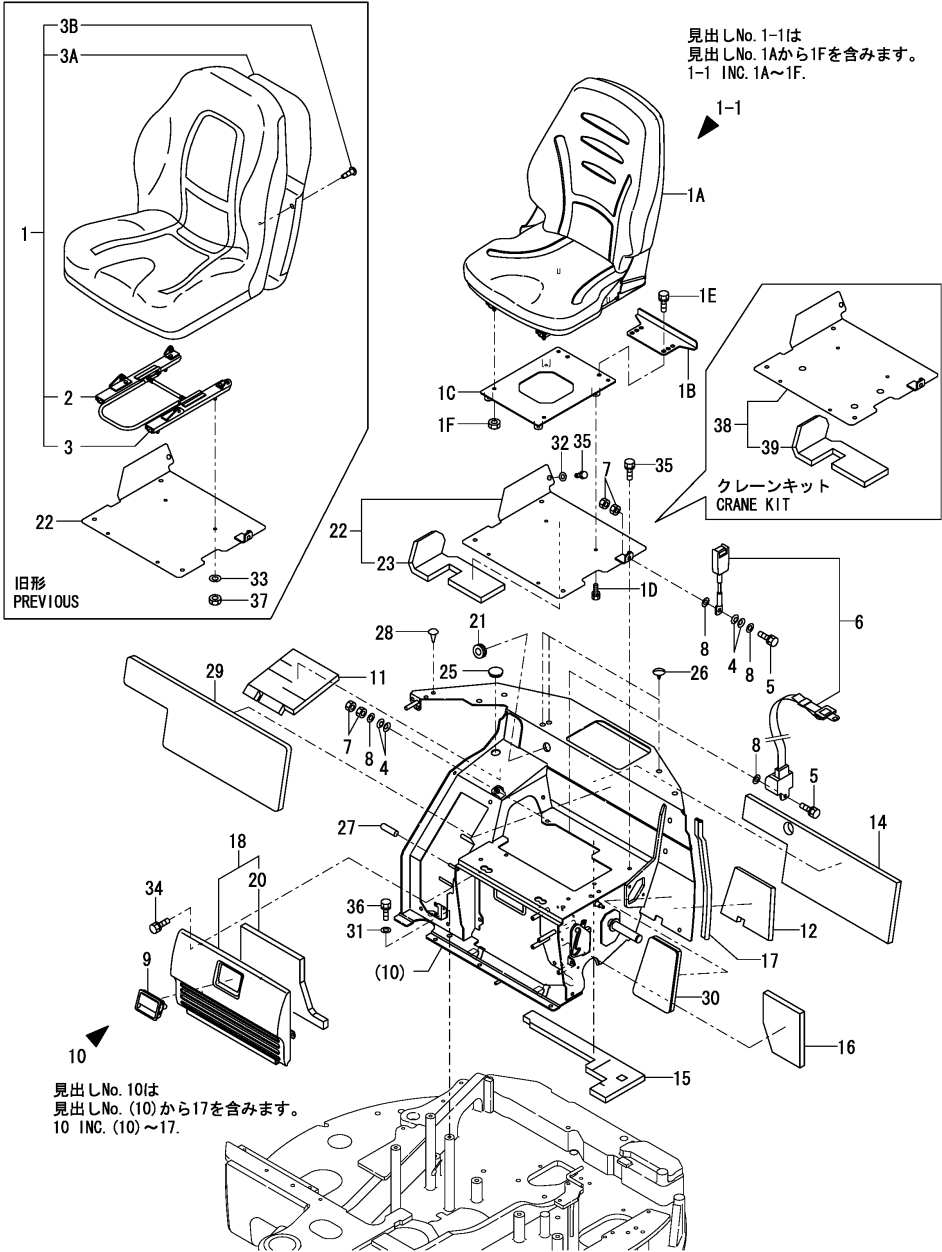
OCK10-M39802 Fig.55

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(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						
5	1	172458-63120	PANEL, INSTRUMENT	1	1	1					
6	1	172458-63130	PANEL, INSTRUMENT	1	1	1					
7	1	172458-63140	PANEL, INSTRUMENT	1	1	1					
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					
12	2	172490-61950	COVER, PANEL	1	1	1					
13	2	172458-63110	INSTRUMENT PANEL L,2	1	1	1					
14	1	172487-63500	BOLT,LOW HEAD 8X20	1	1	1					W
(A=*2015.06.) (B=*2015.06.) (C=*2015.06.)											

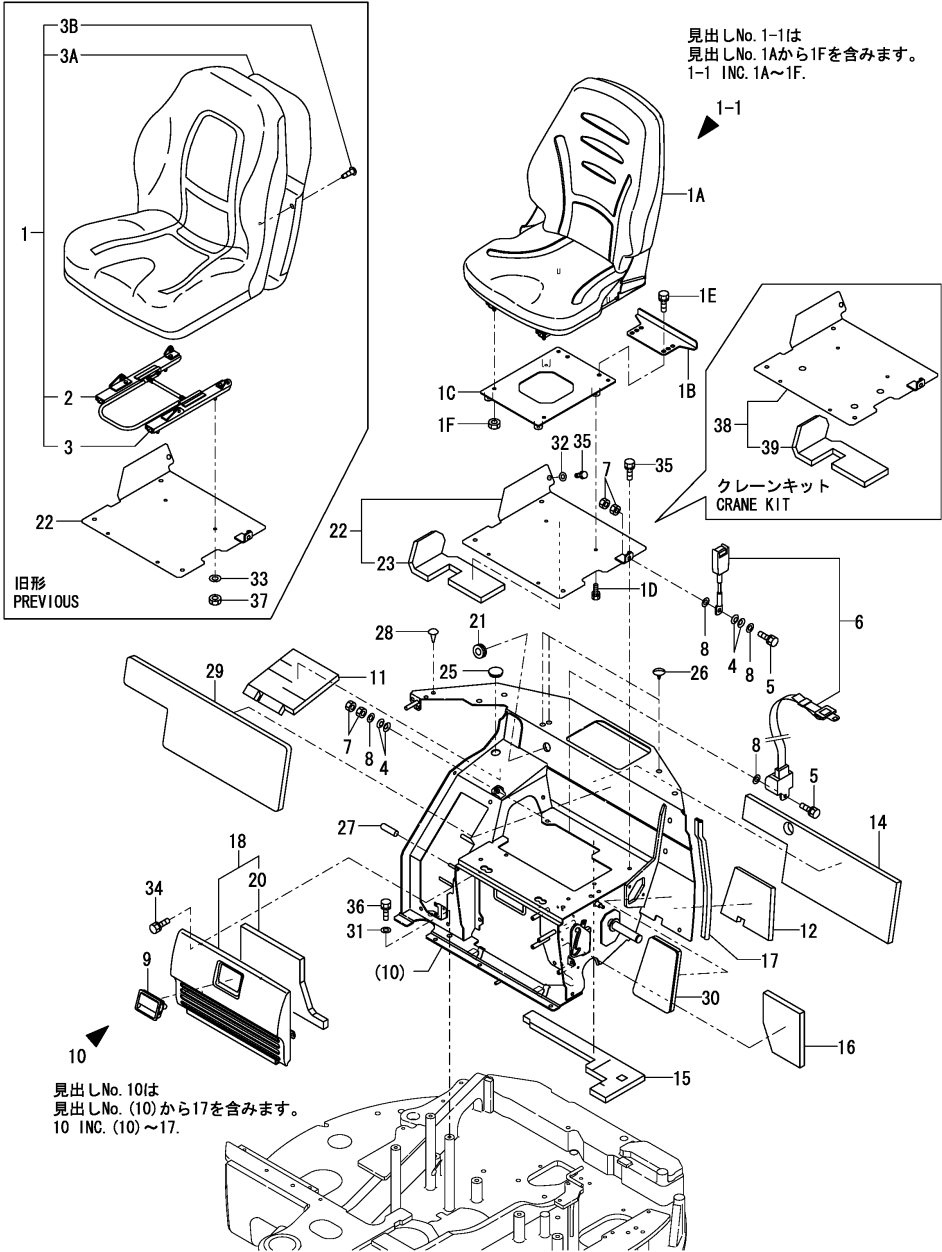
Fig.56. SEAT & SEAT MOUNT(CABIN)



Remarks
(1)OPTIONAL: CRANE KIT.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET	1							
1-1	1	172457-08600	SEAT KIT	1							N
(A=*2007.01)											
1A	2	172A46-64200	SEAT, OPERATOR	1							W
(A=*2007.01)											
1B	2	172A46-64490	STOPPER	1							W
(A=*2007.01)											
1C	2	172A46-64500	PLATE ASSY,SEAT	1							W
(A=*2007.01)											
1D	2	26013-080202	BOLT, M8X 20	4							W
(A=*2007.01)											
1E	2	26013-100202	BOLT, M10X 20	2							W
(A=*2007.01)											
1F	2	26051-080002	NUT, M8	4							W
(A=*2007.01)											
2	2	172455-64600	TRACK ASSY, SEAT	1							Z
(A=*2007.01)											
3	2	172455-64610	TRACK ASSY, SEAT	1							Z
(A=*2007.01)											
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=*2007.01)											
3B	2	172455-64710	SCREW	14							W
(A=M/#30501)											
3B-1	2	172455-64710	SCREW	14							Z
(A=*2007.01)											
4	1	172652-64220	SPRING	4							
5	1	172433-64511	BOLT 7/16-20-UNF	2							
6	1	172A23-64770	SEAT BELT ASSY	1							
7	1	172187-64831	NUT	4							
8	1	22137-120000	WASHER, 12	4							
9	1	172187-61421	HANDLE, LOCK	1							
10	1	172A25-64200	MOUNT ASSY,SEAT	1							
11	2	172458-64161	SPONGE	1							
12	2	172458-64170	SPONGE	1							
14	2	172A25-64390	SPONGE	1							
15	2	172A25-64400	SPONGE	1							
16	2	172A25-64410	SPONGE	1							
17	2	172164-66640	RUBBER, SEAL	1							
18	1	172A25-64440	GRILLE ASSY	1							
20	2	172A25-64480	SPONGE	1							
21	1	172958-64500	PLUGE 28X302 Q	1							
22	1	172A27-64520	PLATE,SEAT (73)	1							
23	2	172A27-64510	SPONGE	1							
25	1	172458-64590	PLUG 28X3.2	1							
26	1	172458-64600	CLIP, TREE	3							
27	1	172187-64800	CAP	1							
28	1	172187-64900	PLUG	1							
29	1	172458-67810	SHEET, INSULATOR	1							
30	1	172458-67820	SHEET, INSULATOR	1							

Fig.56. SEAT & SEAT MOUNT(CABIN)



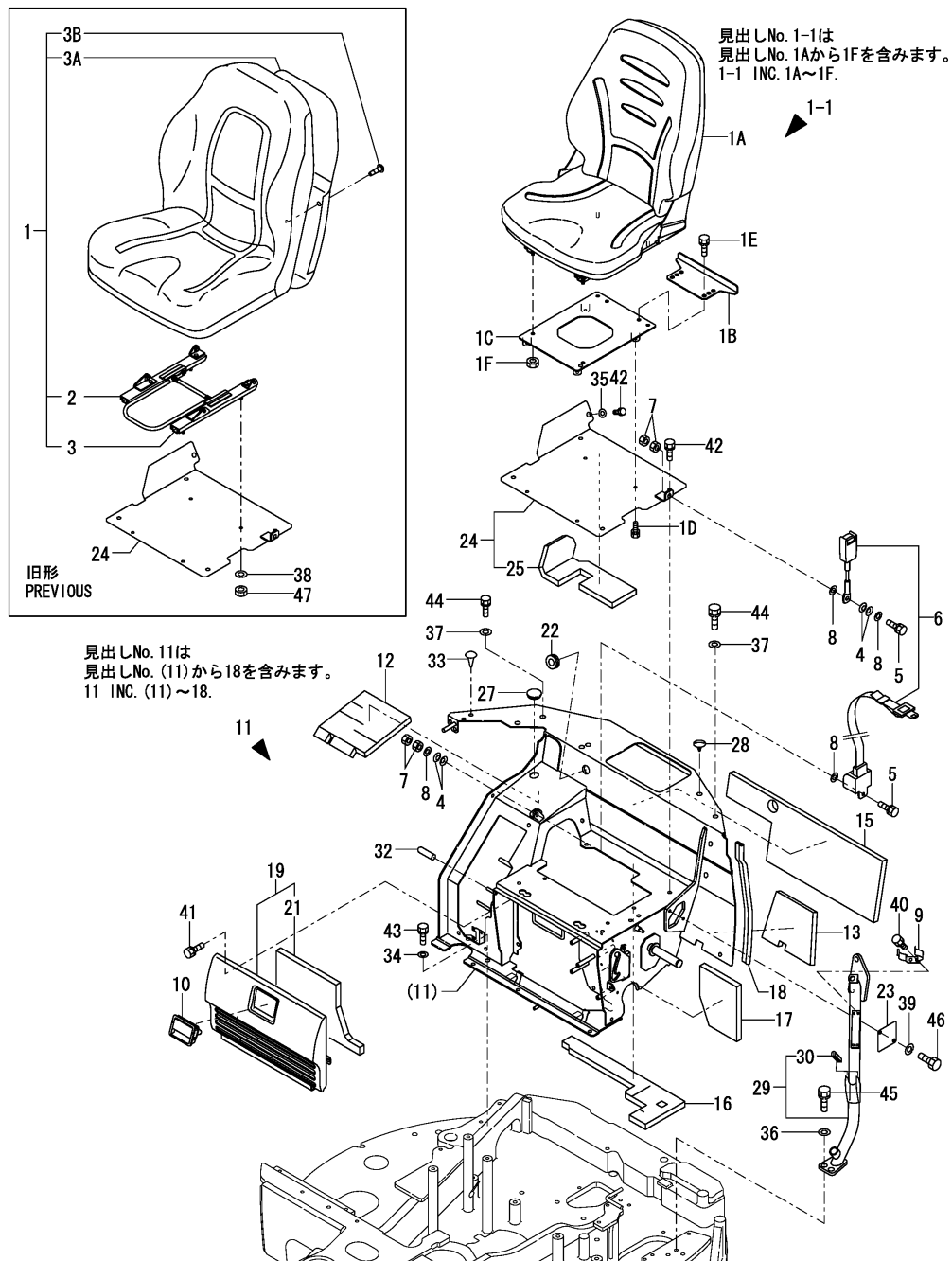
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
31	1	22137-100000	WASHER, 10	3							
32	1	22137-100000	WASHER, 10	1							
33	1	22217-080000	WASHER, SPRING 8	4							Z
(A=*2007.01)											
34	1	26013-100202	BOLT, M10X 20	4							
35	1	26013-100202	BOLT, M10X 20	5							
36	1	26013-100252	BOLT, M10X 25	3							
37	1	26716-080002	NUT, M8	4							Z
(A=*2007.01)											
38	1	172A25-64600	PLATE ASSY,SEAT K	1							1
39	2	172A27-64510	SPONGE	1							

Remarks
(1)OPTIONAL: CRANE KIT.

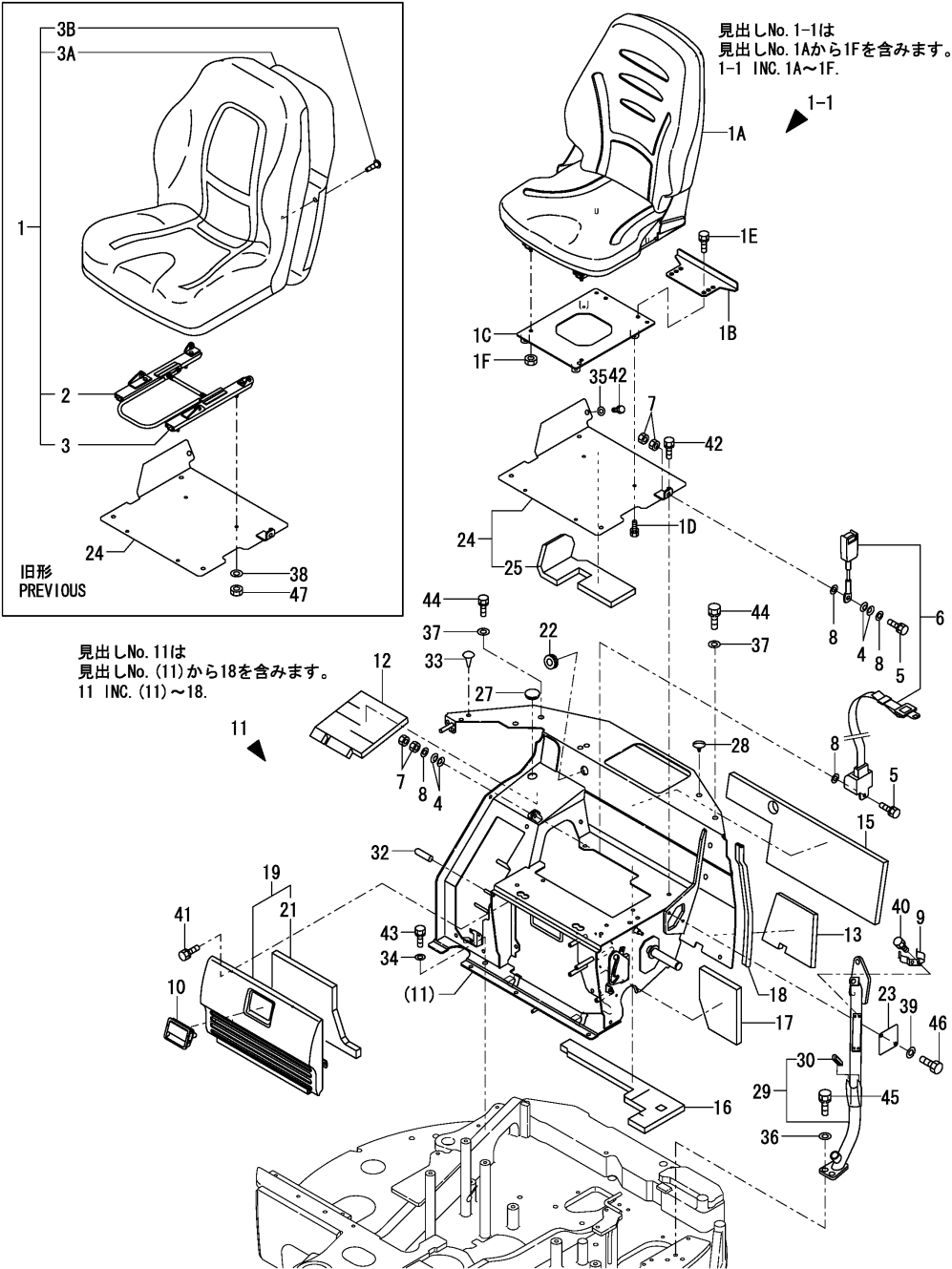
Fig.57. SEAT & SEAT MOUNT(CANOPY)



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	172457-08600	SEAT KIT		1	1					N
		(B=*2007.01)	(C=*2007.01)								
1A	2	172A46-64200	SEAT, OPERATOR		1	1					W
		(B=*2007.01)	(C=*2007.01)								
1B	2	172A46-64490	STOPPER		1	1					W
		(B=*2007.01)	(C=*2007.01)								
1C	2	172A46-64500	PLATE ASSY,SEAT		1	1					W
		(B=*2007.01)	(C=*2007.01)								
1D	2	26013-080202	BOLT, M8X 20		4	4					W
		(B=*2007.01)	(C=*2007.01)								
1E	2	26013-100202	BOLT, M10X 20		2	2					W
		(B=*2007.01)	(C=*2007.01)								
1F	2	26051-080002	NUT, M8		4	4					W
		(B=*2007.01)	(C=*2007.01)								
2	2	172455-64600	TRACK ASSY, SEAT		1	1					Z
		(B=*2007.01)	(C=*2007.01)								
3	2	172455-64610	TRACK ASSY, SEAT		1	1					Z
		(B=*2007.01)	(C=*2007.01)								
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=*2007.01)	(C=*2007.01)								
3B	2	172455-64710	SCREW		14	14					W
		(B=M/#30501)	(C=M/#30501)								
3B-1	2	172455-64710	SCREW		14	14					Z
		(B=*2007.01)	(C=*2007.01)								
4	1	172652-64220	SPRING		4	4					
5	1	172433-64511	BOLT 7/16-20-UNF		2	2					
6	1	172A23-64770	SEAT BELT ASSY		1	1					
7	1	172187-64831	NUT		4	4					
8	1	22137-120000	WASHER, 12		4	4					
9	1	172122-55061	BRACKET, PUMP		2	2					
10	1	172187-61421	HANDLE, LOCK		1	1					
11	1	172A25-64200	MOUNT ASSY,SEAT		1	1					
12	2	172458-64161	SPONGE		1	1					
13	2	172458-64170	SPONGE		1	1					
15	2	172A25-64390	SPONGE		1	1					
16	2	172A25-64400	SPONGE		1	1					
17	2	172A25-64410	SPONGE		1	1					
18	2	172164-66640	RUBBER, SEAL		1	1					
19	1	172A25-64440	GRILLE ASSY		1	1					
21	2	172A25-64480	SPONGE		1	1					

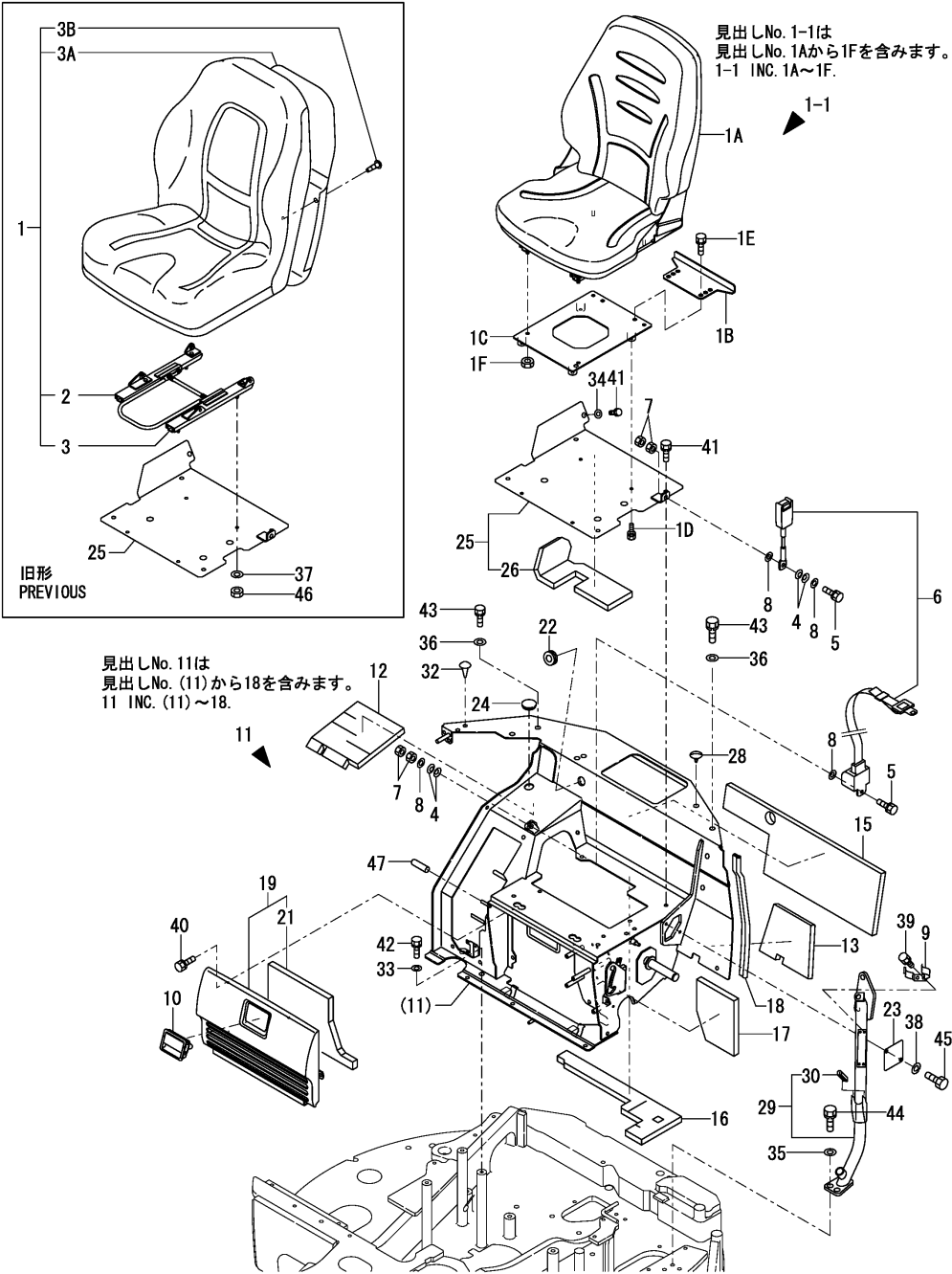
N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.57. SEAT & SEAT MOUNT(CANOPY)



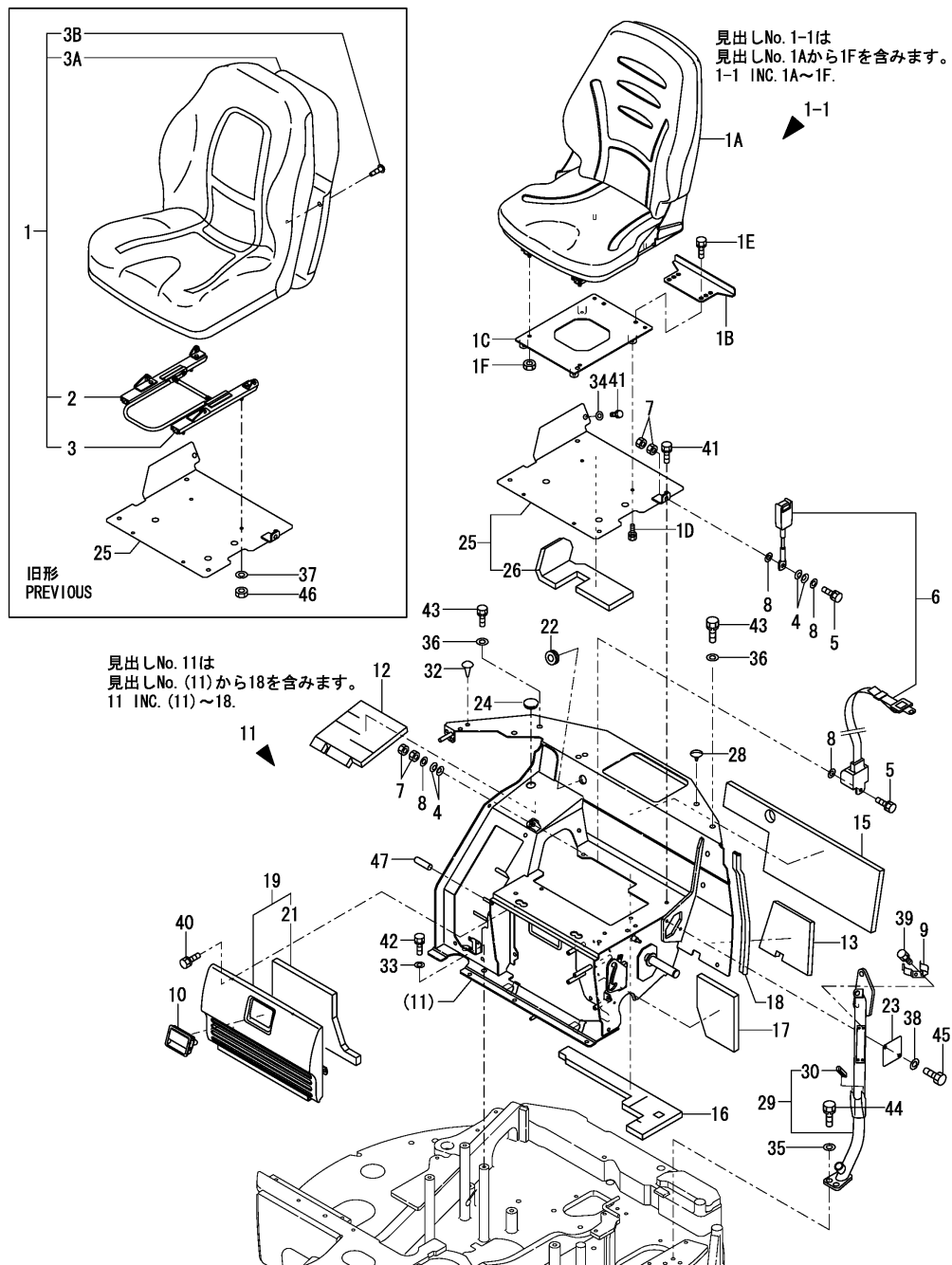
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	1	172187-64800	CAP		1	1					
33	1	172187-64900	PLUG		1	1					
34	1	22137-100000	WASHER, 10		3	3					
35	1	22137-100000	WASHER, 10		1	1					
36	1	22137-120000	WASHER, 12		4	4					
37	1	22137-120000	WASHER, 12		2	2					
38	1	22217-080000	WASHER, SPRING 8		4	4					Z
		(B=*2007.01) (C=*2007.01)									
39	1	22217-080000	WASHER, SPRING 8		2	2					
40	1	26013-060102	BOLT, M6X 10		4	4					
41	1	26013-100202	BOLT, M10X 20		4	4					
42	1	26013-100202	BOLT, M10X 20		5	5					
43	1	26013-100252	BOLT, M10X 25		3	3					
44	1	26013-120252	BOLT, M12X 25		2	2					
45	1	26013-120302	BOLT, M12X 30		4	4					
46	1	26116-080162	BOLT, M8X 16 PLATED		2	2					
47	1	26716-080002	NUT, M8		4	4					Z
		(B=*2007.01) (C=*2007.01)									

Fig.58. SEAT & SEAT MOUNT(CANOPY:CRANE SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET		1						
1-1	1	172457-08600	SEAT KIT		1						N
		(B=*2007.01)									
1A	2	172A46-64200	SEAT, OPERATOR		1						W
		(B=*2007.01)									
1B	2	172A46-64490	STOPPER		1						W
		(B=*2007.01)									
1C	2	172A46-64500	PLATE ASSY,SEAT		1						W
		(B=*2007.01)									
1D	2	26013-080202	BOLT, M8X 20		4						W
		(B=*2007.01)									
1E	2	26013-100202	BOLT, M10X 20		2						W
		(B=*2007.01)									
1F	2	26051-080002	NUT, M8		4						W
		(B=*2007.01)									
2	2	172455-64600	TRACK ASSY, SEAT		1						Z
		(B=*2007.01)									
3	2	172455-64610	TRACK ASSY, SEAT		1						Z
		(B=*2007.01)									
3A	2	172455-64590	BOARD, FR SEAT BACK		1						W
		(B=M/#30501)									
3A-1	2	172455-64590	BOARD, FR SEAT BACK		1						Z
		(B=*2007.01)									
3B	2	172455-64710	SCREW		14						W
		(B=M/#30501)									
3B-1	2	172455-64710	SCREW		14						Z
		(B=*2007.01)									
4	1	172652-64220	SPRING		4						
5	1	172433-64511	BOLT 7/16-20-UNF		2						
6	1	172A23-64770	SEAT BELT ASSY		1						
7	1	172187-64831	NUT		4						
8	1	22137-120000	WASHER, 12		4						
9	1	172122-55061	BRACKET, PUMP		2						
10	1	172187-61421	HANDLE, LOCK		1						
11	1	172A25-64200	MOUNT ASSY,SEAT		1						
12	2	172458-64161	SPONGE		1						
13	2	172458-64170	SPONGE		1						
15	2	172A25-64390	SPONGE		1						
16	2	172A25-64400	SPONGE		1						
17	2	172A25-64410	SPONGE		1						
18	2	172164-66640	RUBBER, SEAL		1						
19	1	172A25-64440	GRILLE ASSY		1						
21	2	172A25-64480	SPONGE		1						
22	1	172958-64500	PLUGE 28X302 Q		1						
23	1	172458-64510	COVER, SEAT MOUNT		1						
24	1	172458-64590	PLUG 28X3.2		1						
25	1	172A25-64600	PLATE ASSY,SEAT K		1						
26	2	172A27-64510	SPONGE		1						
28	1	172458-64600	CLIP, TREE		1						
29	1	172458-64700	PIPE ASSY		1						
30	2	172445-62010	TRIM		2						

Fig.58. SEAT & SEAT MOUNT(CANOPY:CRANE SPEC.)

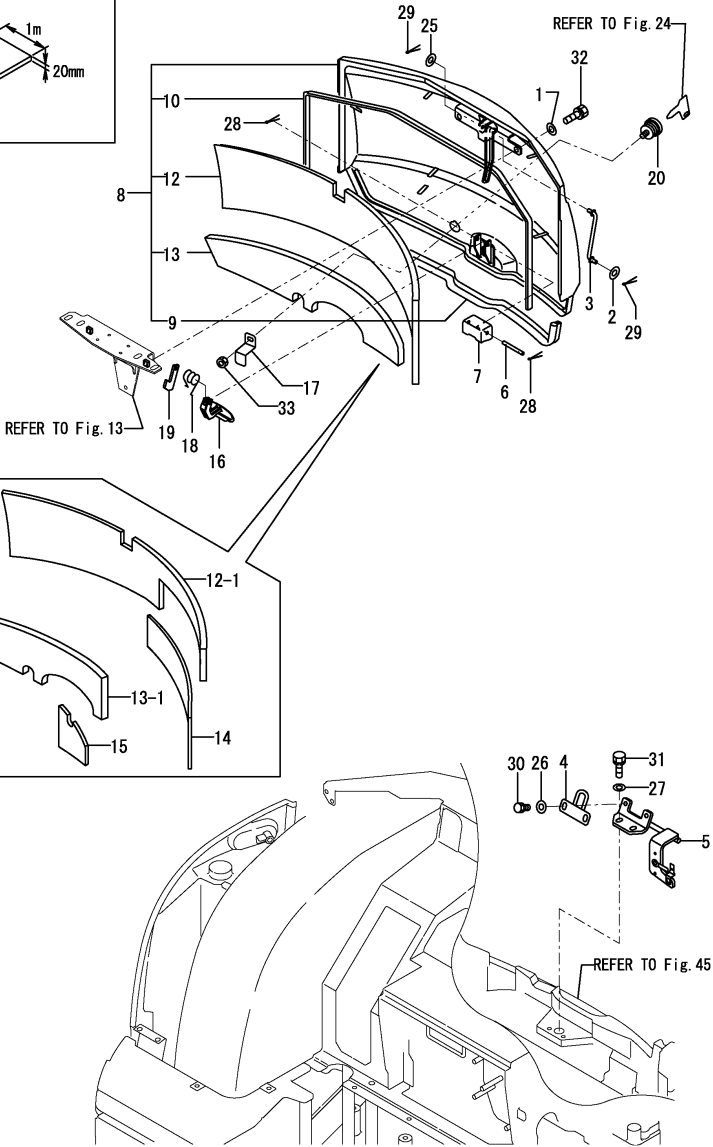
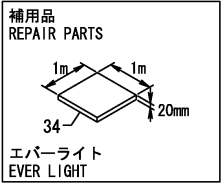


				(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX)	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
32	1	172187-64900	PLUG		1						
33	1	22137-100000	WASHER, 10		3						
34	1	22137-100000	WASHER, 10		1						
35	1	22137-120000	WASHER, 12		4						
36	1	22137-120000	WASHER, 12		2						
37	1	22217-080000	WASHER, SPRING 8		4						Z
(B=*2007.01)											
38	1	22217-080000	WASHER, SPRING 8		2						
39	1	26013-060102	BOLT, M6X 10		4						
40	1	26013-100202	BOLT, M10X 20		4						
41	1	26013-100202	BOLT, M10X 20		5						
42	1	26013-100252	BOLT, M10X 25		3						
43	1	26013-120252	BOLT, M12X 25		2						
44	1	26013-120302	BOLT, M12X 30		4						
45	1	26116-080162	BOLT, M8X 16 PLATED		2						
46	1	26716-080002	NUT, M8		4						Z
(B=*2007.01)											
47	1	172187-64800	CAP		1						

Fig.59. BONNET(1)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

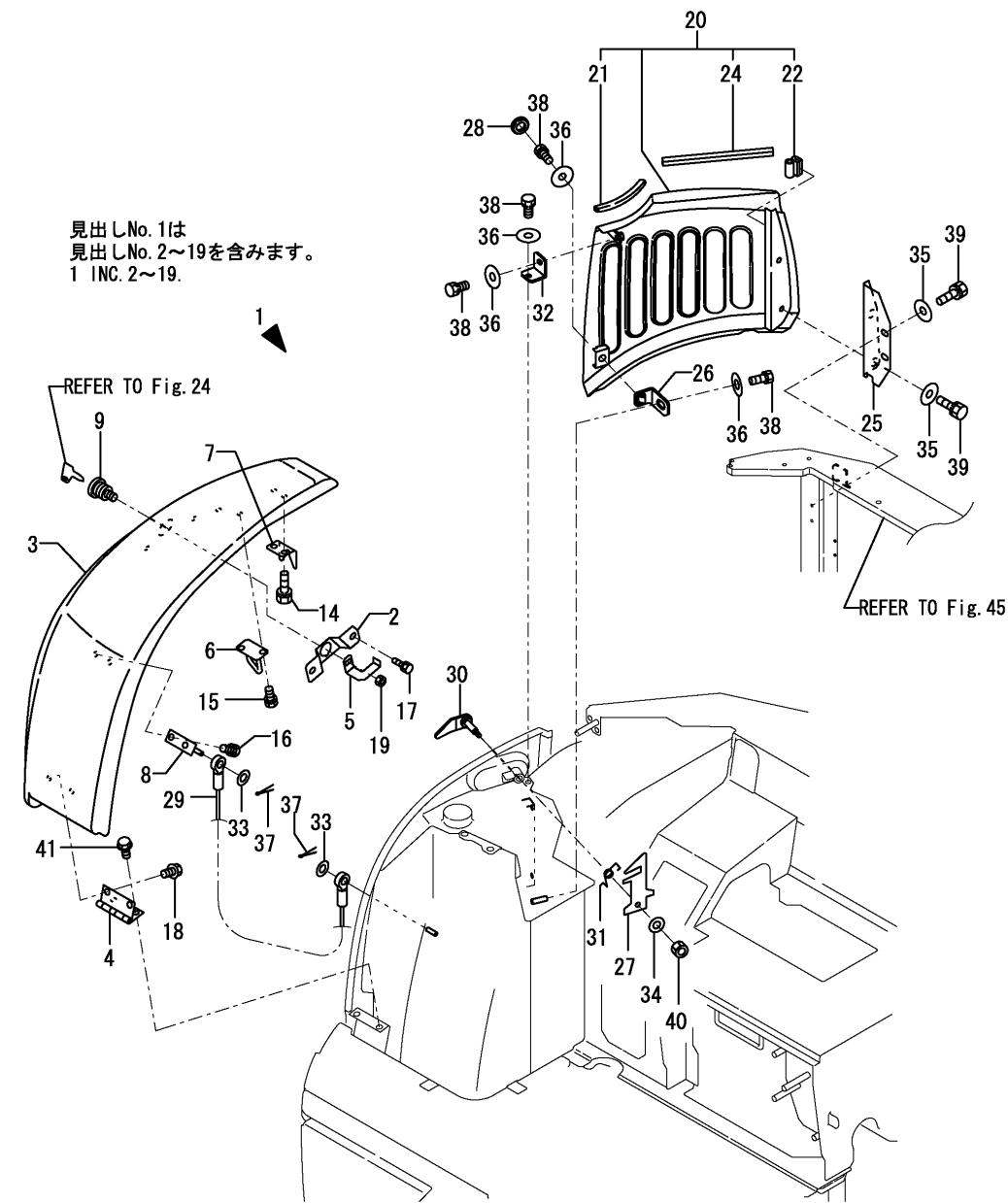
(D)=
(E)=
(F)=



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	1A1380-62160	WASHER	1	1	1					
3	1	172444-64730	ROD,STOPPER	1	1	1					
4	1	172458-65021	BRACKET B, LOCK	1	1	1					
5	1	172A25-65030	BRACKET A ASSY,LOCK	1	1	1					
6	1	172458-65050	SHAFT	1	1	1					
7	1	172458-65060	COVER, LOCK	1	1	1					
8	1	172487-65100	BONNET A (GREEN:96)	1	1	1					
8-1	1	172487-65101	BONNET A (GREEN:96)	1	1	1					N
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
9	2	172458-65070	SEAL	1	1	1					
10	2	172458-65080	RUBBER, SEAL	1	1	1					
12	2	172487-65110	SEAL A	1	1	1					
12-1	2	172487-65111	SEAL A	1	1	1					F 1
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
13	2	172487-65120	SEAL B	1	1	1					
13-1	2	172487-65121	SEAL B	1	1	1					F 2
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
14	2	172487-65130	INSURATOR	1	1	1					W
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
15	2	172487-65140	INSURATOR	1	1	1					W
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
16	1	172187-65210	LEVER ASSY, LOCK	1	1	1					
17	1	172458-65271	PLATE,ROCK	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	26013-100202	BOLT, M10X 20	2	2	2					
31	1	26013-100202	BOLT, M10X 20	2	2	2					
32	1	26013-100252	BOLT, M10X 25	2	2	2					
33	1	26347-100002	NUT, M10	1	1	1					
34	1	172478-65750	SPONGE	1	1	1					

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.14.
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.15.

Fig.60. BONNET(2)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-65490	BONNET BASSY	1	1	1					W
		(A=M/#35036) (B=M/#35036) (C=M/#35036)									
2	2	172455-65230-1	PLATE,KEY (GREEN:96)	1	1	1					
2-1	1	172455-65230	PLATE,KEY (GILT(ZC)	1	1	1					N
		(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)									
3	2	172458-65500	BONNET B	1	1	1					
4	2	172458-65510	HINGE,BONNET B (97)	1	1	1					
4-1	1	172458-65510-2	HINGE,BONNET B (ZC)	1	1	1					N
		(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)									
5	2	172458-65531	PLATE,LOCK	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, M10X 20	2	2	2					
14-1	2	26014-100202	BOLT, M10X 20	2	2	2					N
		(A=M/#35036) (B=M/#35036) (C=M/#35036)									
15	2	26013-100202	BOLT, M10X 20	2	2	2					
16	2	26013-100202	BOLT, M10X 20	2	2	2					
17	2	26013-100202	BOLT, M10X 20	2	2	2					
17-1	2	26014-100202	BOLT, M10X 20	2	2	2					N
		(A=M/#35036) (B=M/#35036) (C=M/#35036)									
18	2	26106-100162	BOLT, M10X 16 PLATED	2	2	2					
19	2	26347-100002	NUT, M10	1	1	1					
20	1	172A25-65300	BONNET R (GREEN:96)	1	1	1					
21	2	172444-17620	SEAL	1	1	1					
22	2	172444-54920	SEAL, WEIGHT	1	1	1					
24	2	172458-65390	RUBBER, SEAL	1	1	1					
25	1	172457-65440	BRACKET (GRAY:73)	1	1	1					
26	1	172456-65461	BRACKET C	1	1	1					
27	1	172458-65570	PLATE,HOOK	1	1	1					
28	1	172455-65590	PLUG 28X2.3	1	1	1					
29	1	172458-65600	CABLE	1	1	1					
30	1	172458-65610	HOOK ASSY	1	1	1					
31	1	172156-65690	SPRING, STOPPER	1	1	1					
32	1	172164-66490	BRACKET, RESERVOIR	1	1	1					
33	1	22137-080000	WASHER, 8	2	2	2					
34	1	22137-080000	WASHER, 8	1	1	1					
35	1	22157-100000	WASHER, 10	4	4	4					
36	1	22157-100000	WASHER, 10	4	4	4					
37	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
38	1	26013-100202	BOLT, M10X 20	4	4	4					
39	1	26013-100202	BOLT, M10X 20	4	4	4					
40	1	26347-080002	NUT, M8	1	1	1					
41	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2					W
		(A=M/#35036) (B=M/#35036) (C=M/#35036)									

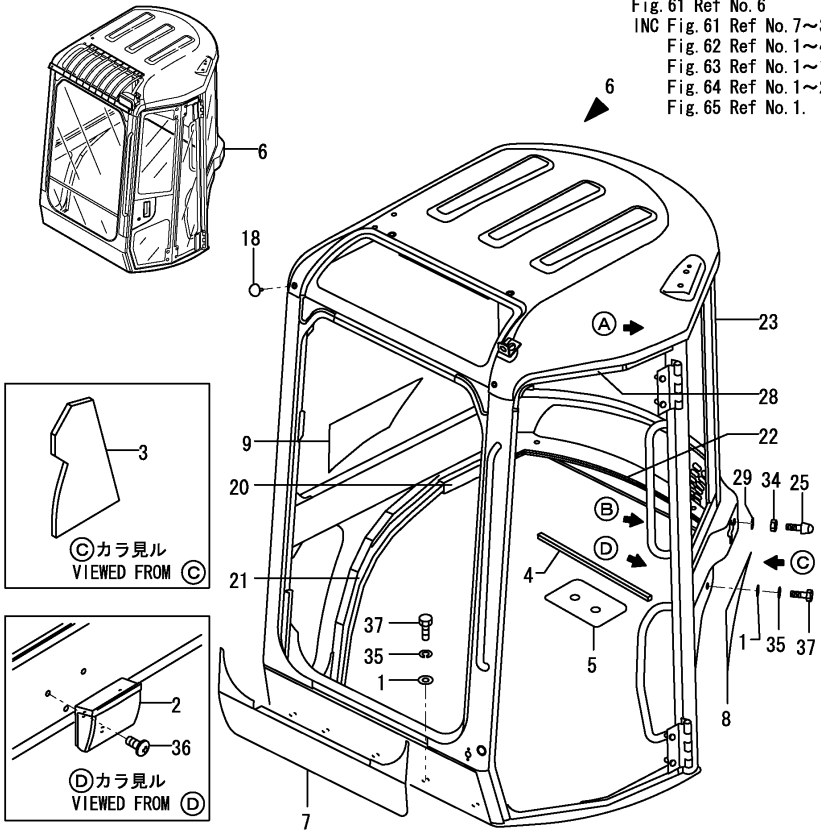
Fig.61. CABIN(BODY)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

キャビンASSY
CABIN ASSY
172458-67804
項目No. 61の見出しNo. 6は、
項目No. 61の見出しNo. 7~34と
項目No. 62の見出しNo. 1~44と
項目No. 63の見出しNo. 1~18と
項目No. 64の見出しNo. 1~22と
項目No. 65の見出しNo. 1を含みます。

Fig. 61 Ref No. 6
INC Fig. 61 Ref No. 7~34.
Fig. 62 Ref No. 1~44.
Fig. 63 Ref No. 1~18.
Fig. 64 Ref No. 1~22.
Fig. 65 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER	13							
2	1	172312-17250	ASHTRAY	1							
3	1	172458-63360	SHEET	1							
4	1	172458-63480	SEAL, SPONGE	1							
5	1	172458-63580	SPACER	1							
6	1	172458-67804	CABIN ASSY	1							
7	2	172458-03310	LABEL	1							
8	2	172458-03320	LABEL	1							
9	2	172458-03330	LABEL	1							Z
(A=M/#35253)											
10	2	1E5100-51430	KNOB CLUTCH(RED	1							
11	2	172519-63240	BOLT	6							
12	2	172455-67310	RUN, GLASS	2							
13	2	172455-67320	CAP, CHANNEL	2							
14	2	172455-67330	PLATE ASSY LOW GLASS	2							
15	2	172455-67340	HOLDER GLASS UP	2							
16	2	172455-67350	SCREW	4							
17	2	172455-67360	SCREW	2							
18	2	172455-67440	CLIP, TREE	4							
19	2	172458-67840	RUN, GLASS	1							
20	2	172458-67960	SEAL	1							
21	2	172458-67970	SEAL	1							
22	2	172458-67981	SEAL	1							
23	2	172458-68004	FRAME, CABIN(GREEN:83	1							
24	2	172162-69050	LOCK ASSY	1							
25	2	172165-69190	RUBBER, STOPPER	1							
26	2	172458-69790	COVER ASSY	1							
27	2	172458-69830	LEVER	1							
28	2	172458-69930	SEAL, DOOR	1							
29	2	22117-100000	WASHER, 10	1							
30	2	22117-120000	WASHER, 12	2							
31	2	22272-000100	RING, E-10	1							
32	2	24550-012200	BUSH, 12X20	1							
33	2	26366-080002	NUT, M8	4							
34	2	26716-100002	NUT, M10	1							
35	1	22217-120000	WASHER, SPRING 12	13							
36	1	22867-400100	SCREW, 4X10	3							
37	1	26076-120402	BOLT, 10.912X 40	13							

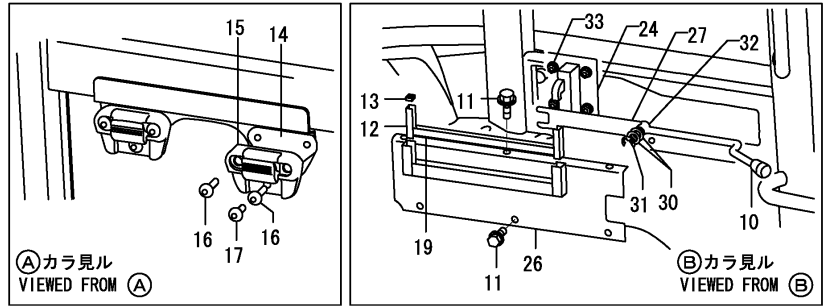
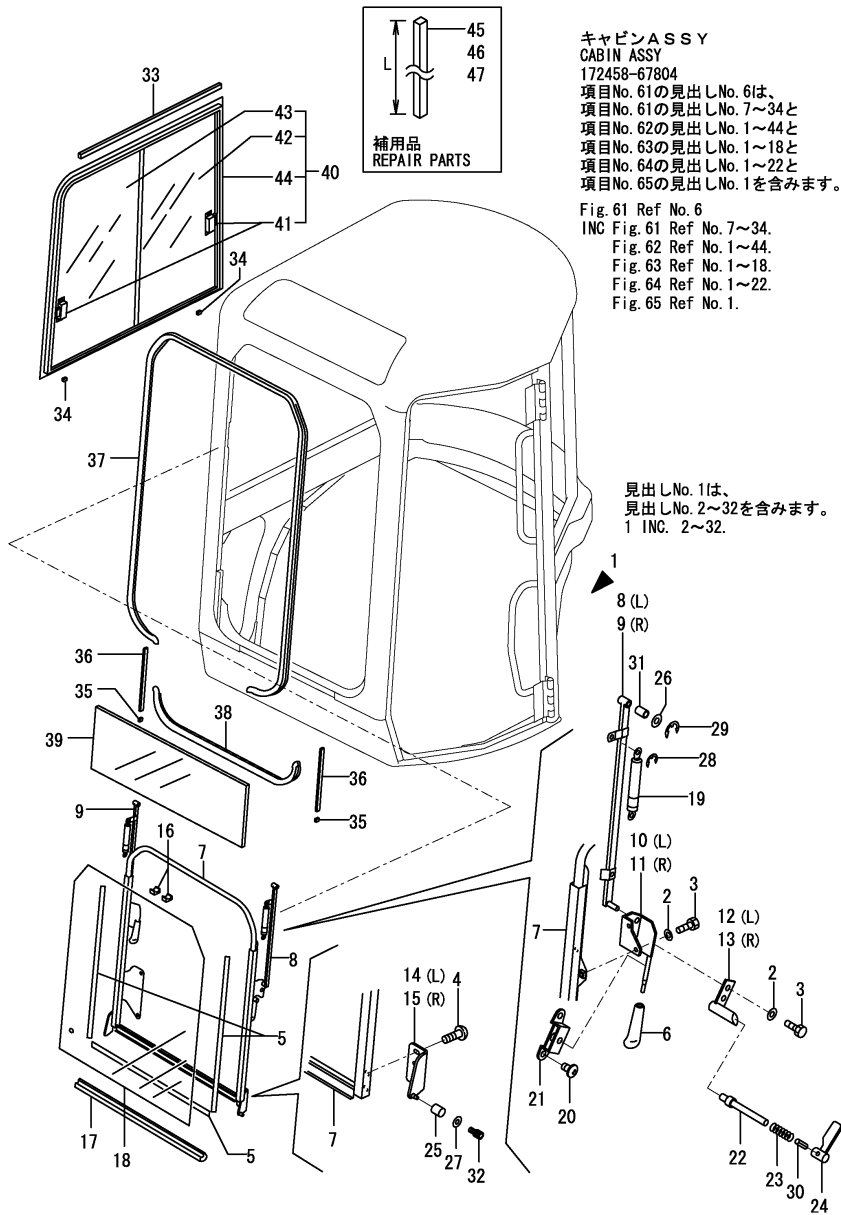


Fig.62. CABIN(GLASS)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172459-67810	SASH ASSY	1							
2	3	172458-63670	HD WASHER	8							
3	3	172458-63680	BOLT 8X16	8							
4	3	172458-63730	SCREW	4							
5	3	172458-63790	SEAL, DAM	3							
6	3	172445-66750	GRIP	2							
7	3	172458-67340	FRAME,FRONT W (12)	1							
8	3	172458-67440	LINK L,FW (12)	1							
9	3	172458-67510	LINK R,FW (12)	1							
10	3	172458-67520	HANDLE L	1							
11	3	172458-67550	HANDLE R	1							
12	3	172458-67570	RUCHE	1							
13	3	172458-67610	RUCHE	1							
14	3	172458-67670	SHAFT ASSY, ROLLER	1							
15	3	172458-67680	SHAFT ASSY, ROLLER	1							
16	3	172458-67850	RUBBER, STOPPER	2							
17	3	172458-67870	RUBBER, SEAL	1							
18	3	172458-67900	GLASS	1							
19	3	172458-67920	SPRING, GAS	2							
20	3	172463-69150	SCREW	4							
21	3	172463-69160	HOLDER ASSY,F/W	2							
22	3	172463-69190	LATCH PIN	2							
23	3	172463-69200	SPRING	2							
24	3	172463-69210	LEVER ASSY,F/W	2							
25	3	172445-69740	ROLLER	2							
26	3	22117-120000	WASHER, 12	4							
27	3	22137-060000	WASHER, 6	2							
28	3	22272-000060	RING, E- 6	4							
29	3	22272-000080	RING, E- 8	4							
30	3	22351-030012	PIN, SPRING 3.0X12	2							
31	3	24550-012200	BUSH, 12X20	4							
32	3	26450-060102	BOLT, M6X 10	2							
33	2	172458-63760	SEAL, SPONGE	1							
34	2	172455-67610	SPACER	2							
35	2	172455-67710	RUBBER, STOPPER	2							
36	2	172458-67830	RUN, GLASS	2							
37	2	172458-67860	RUBBER, SEAL	1							
38	2	172458-67880	RUBBER, SEAL	1							
39	2	172458-67910	GLASS	1							
40	2	172458-69250	SASH ASSY	1							
41	3	172455-67770	LOCK ASSY, SASH	2							
42	3	172458-69260	GLASS, SASH	1							
43	3	172458-69270	GLASS, SASH	1							
44	3	172458-69280	FRAME, SASH	1							
45	1	172478-68600	SEAL, DAM	1							1
46	1	172478-68610	SEAL, DAM	1							1
47	1	172478-68620	SEAL, DAM	1							1

Remarks
(1)REPAIR PARTS.
L=REF.NO.45:1000MM,NO.46:2000MM,
REF.NO.47:3000MM.

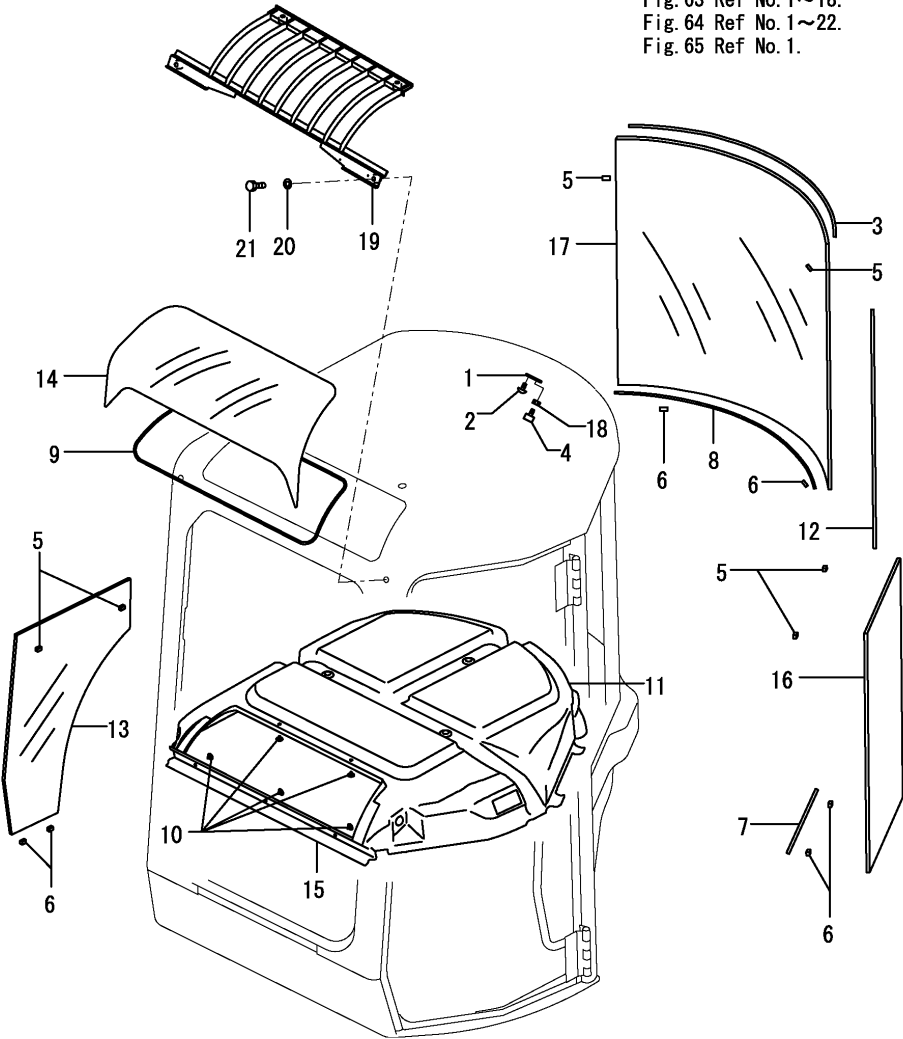
Fig.63. CABIN(ACCESSORY)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

キャビンASSY
CABIN ASSY
172458-67804
項目No. 61の見出しNo. 6は、
項目No. 61の見出しNo. 7~34と
項目No. 62の見出しNo. 1~44と
項目No. 63の見出しNo. 1~18と
項目No. 64の見出しNo. 1~22と
項目No. 65の見出しNo. 1を含みます。

Fig. 61 Ref No. 6
INC Fig. 61 Ref No. 7~34.
Fig. 62 Ref No. 1~44.
Fig. 63 Ref No. 1~18.
Fig. 64 Ref No. 1~22.
Fig. 65 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-63700	PLATE	1							
2	2	172458-63730	SCREW	1							
3	2	172458-63770	TRIM	1							
4	2	172458-63800	RUBBER, STOPPER	1							
5	2	172458-63950	SPACER	6							
5-1	2	172458-63950	SPACER	4							K
(A=M/#35253)											
6	2	172458-63960	SPACER	6							
6-1	2	172458-63960	SPACER	4							K
(A=M/#35253)											
7	2	172458-63970	SEAL, DAM	1							
8	2	172458-63980	SEAL, DAM	1							
9	2	172458-63990	SEAL, DAM	1							
10	2	172455-67550	CLIP	15							
11	2	172458-68851	INNER ROOF	1							
12	2	172458-69090	TRIM	1							
13	2	172458-69200	GLASS	1							Z
(A=M/#35253)											
14	2	172458-69210	SUNROOF	1							
15	2	172458-69220	INNER FRONT	1							
16	2	172458-69230	GLASS	1							
17	2	172458-69240	GLASS	1							
18	2	26716-100002	NUT, M10	1							
19	1	172472-66611	GUARD, FOPS	1							
20	1	22137-100000	WASHER, 10	4							
21	1	26076-100352	BOLT, 10.910X 35	4							

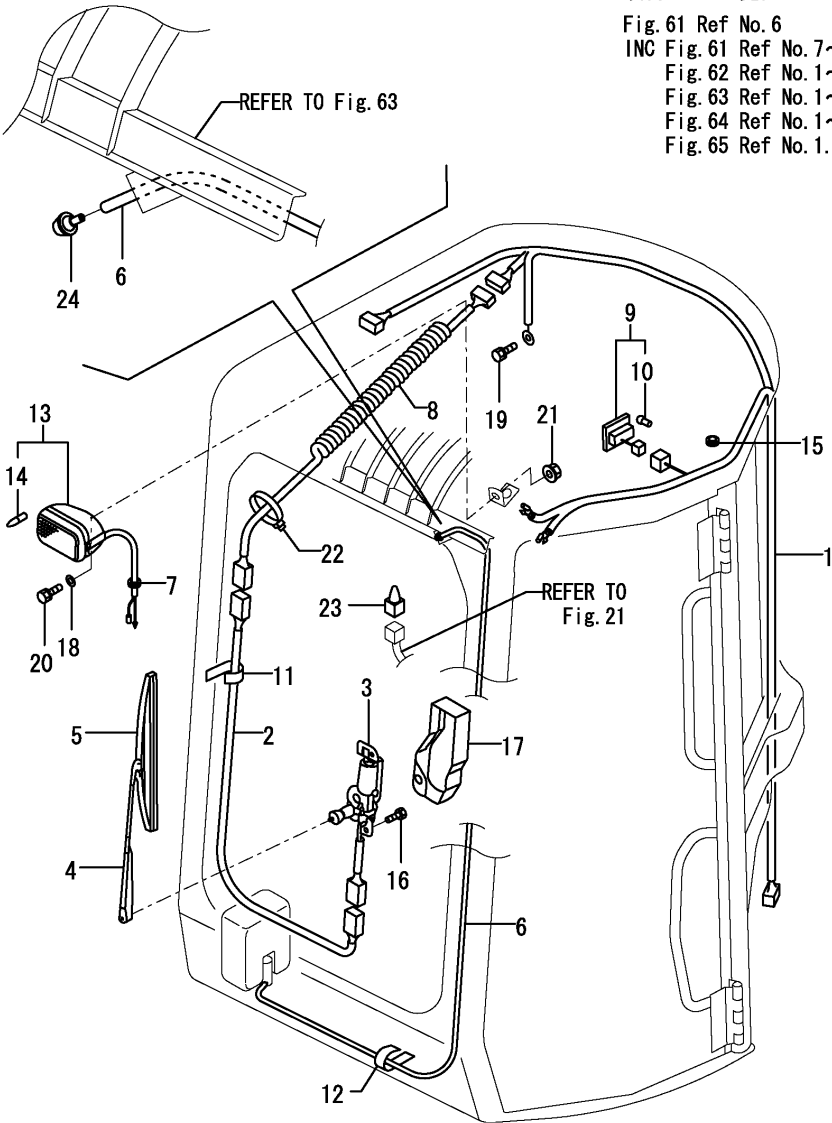
Fig.64. CABIN(ELECTRIC PART)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

キャビンASSY
CABIN ASSY
172458-67804
項目No. 61の見出しNo. 6は、
項目No. 61の見出しNo. 7~34と
項目No. 62の見出しNo. 1~44と
項目No. 63の見出しNo. 1~18と
項目No. 64の見出しNo. 1~22と
項目No. 65の見出しNo. 1を含みます。

Fig. 61 Ref No. 6
INC Fig. 61 Ref No. 7~34.
Fig. 62 Ref No. 1~44.
Fig. 63 Ref No. 1~18.
Fig. 64 Ref No. 1~22.
Fig. 65 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-16612	HARNES A, WIRE(CABIN	1							
2	2	172458-16620	WIRE HARNES B	1							
3	2	172458-17210	WIPER MOTOR	1							
4	2	172458-17220	ARM, WIPER	1							
5	2	172458-17230	WIPER BLADE	1							
6	2	172472-17620	HOSE, WASHER	1							
7	2	172455-67870	GROMMET	2							
8	2	172455-67880	CORD	1							
9	2	172455-67900	ROOM LAMP	1							
10	3	172455-67930	BULB	1							
11	2	172455-67910	CLAMP, HARNES	3							
12	2	172455-67910	CLAMP, HARNES	3							
13	2	172455-67970	WORKING LAMP	1							
14	3	172458-17420	BULB	1							
15	2	172458-69320	GROMMET	1							
16	2	172455-69410	SET SCREW	2							
17	2	172455-69490	COVER, WIPER	1							
18	2	22137-080000	WASHER, 8	1							
19	2	26013-080162	BOLT, M8X 16	1							
20	2	26116-080202	BOLT, M8X 20 PLATED	1							
21	2	26366-080002	NUT, M8	1							
22	2	933168-55770	BAND 146	1							
23	1	172190-16500	HARNES	1							
24	1	198094-86060	NOZZLE, WASHER	1							

Fig.65. CABIN DOOR(FRONT)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

キャビンASSY

CABIN ASSY

172458-67804

項目No. 61の見出しNo. 6は、
項目No. 61の見出しNo. 7～34と
項目No. 62の見出しNo. 1～44と
項目No. 63の見出しNo. 1～18と
項目No. 64の見出しNo. 1～22と
項目No. 65の見出しNo. 1を含みます。

Fig. 61 Ref No. 6

INC Fig. 61 Ref No. 7～34.

Fig. 62 Ref No. 1～44.

Fig. 63 Ref No. 1～18.

Fig. 64 Ref No. 1～22.

Fig. 65 Ref No. 1.

キャビンドアASSY

CABIN DOOR ASSY

172459-67821

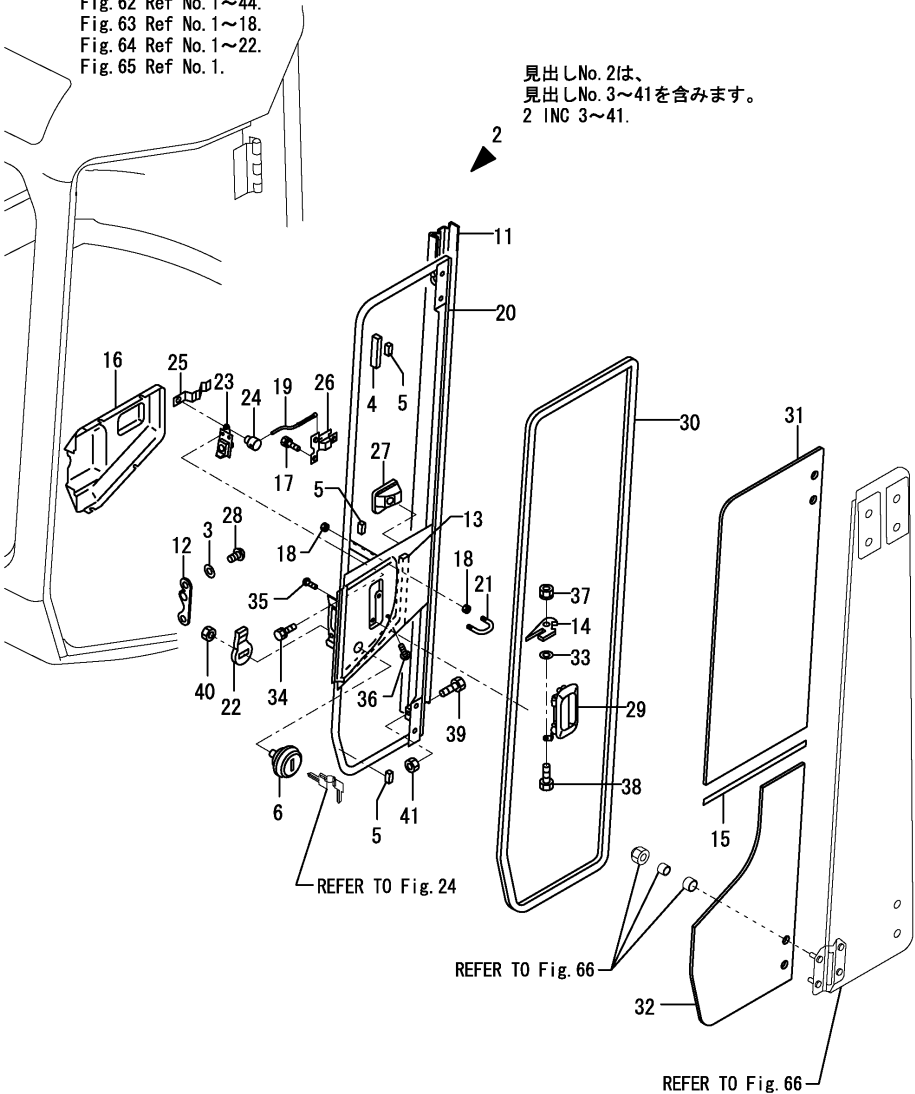
項目No. 65の見出しNo. 1は、
項目No. 65の見出しNo. 2と
項目No. 66の見出しNo. 1を含みます。

Fig. 65 Ref No. 1

INC Fig. 65 Ref No. 2.

Fig. 66 Ref No. 1.

見出しNo. 2は、
見出しNo. 3～41を含みます。
2 INC 3～41.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172459-67821	DOOR ASSY	1							
2	3	172459-67831	DOOR ASSY	1							
3	4	172458-63670	HD WASHER	2							
4	4	172458-63930	STOPPER	1							
5	4	172458-63950	SPACER	3							
6	4	172164-66170	KEY ASSY, CYLINDER	1							
11	4	172458-66720	COVER, DOOR	1							
12	4	172458-67020	STRIKER ASSY	1							
13	4	172458-67650	SEAL, DAM	1							
14	4	172458-67940	PLATE	1							
15	4	172458-69100	TRIM	1							
16	4	172455-69170	COVER, LATCH	1							
17	4	172455-69300	SCREW	3							
18	4	172445-69320	NUT	4							
19	4	172445-69400	ROD	1							
20	4	172458-69400	FRAME, DOOR F (12)	1							
21	4	172445-69420	DOOR HOOK	1							
22	4	172162-69470	LOCK PLATE	1							
23	4	172162-69480	LOCK ASSY	1							
24	4	172162-69490	PIN	1							
25	4	172162-69500	SPRING	1							
26	4	172162-69510	HANDLE ASSY	1							
27	4	172162-69520	COVER	1							
28	4	172455-69520	SCREW	2							
29	4	172162-69541	HANDLE, OUTER	1							
30	4	172458-69580	TRIM ASSY	1							
31	4	172458-69900	GLASS, DOOR	1							
32	4	172458-69910	GLASS, DOOR	1							
33	4	22137-080000	WASHER, 8	1							
34	4	26013-060162	BOLT, M6X 16	3							
35	4	26023-060122	SCREW, M6X12	2							
36	4	26023-060162	SCREW, M6X16	4							
37	4	26051-080002	NUT, M8	1							
38	4	26116-080202	BOLT, M8X 20 PLATED	1							
39	4	26116-100304	BOLT, M10X 30 PLATED	1							
40	4	26716-100002	NUT, M10	1							
41	4	26716-100002	NUT, M10	1							

Fig.66. CABIN DOOR(REAR)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

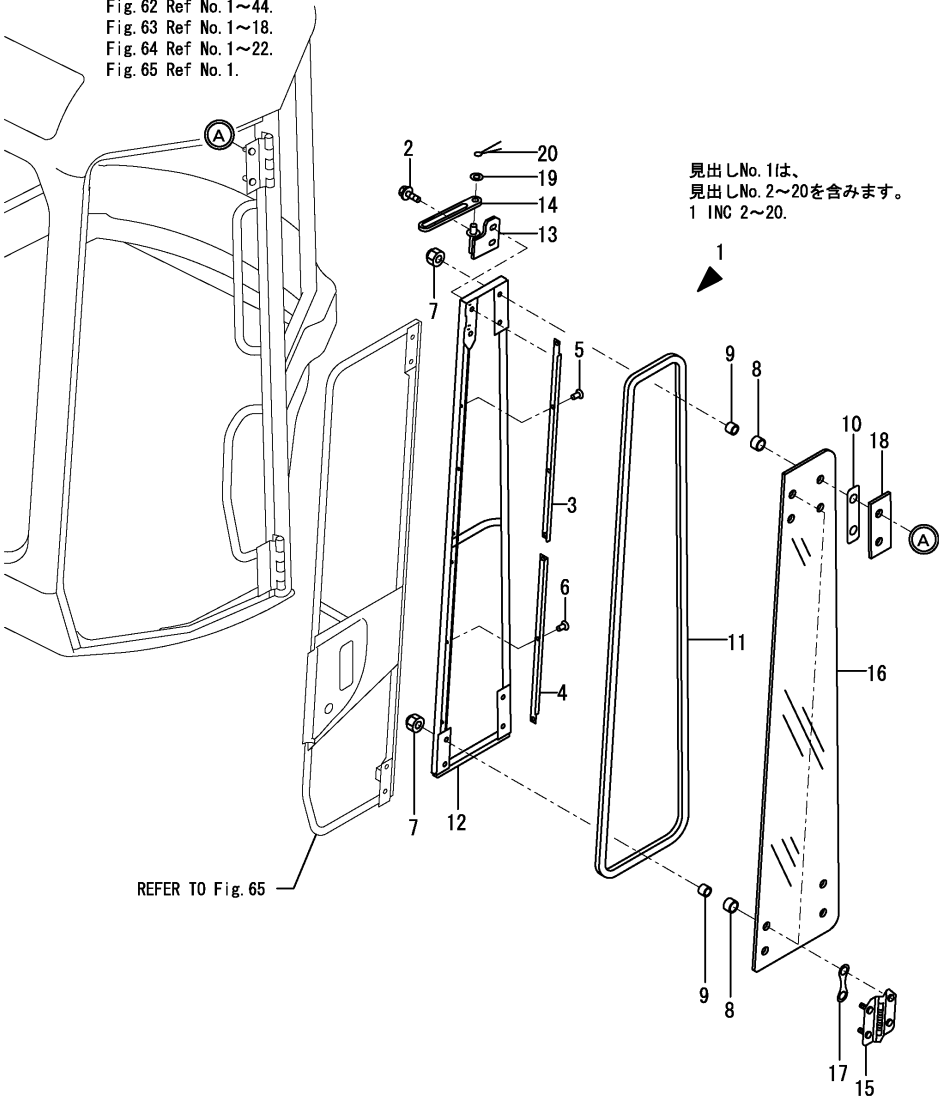
(D)=
(E)=
(F)=

キャビンASSY
CABIN ASSY
172458-67804
項目No. 61の見出しNo. 6は、
項目No. 61の見出しNo. 7~34と
項目No. 62の見出しNo. 1~44と
項目No. 63の見出しNo. 1~18と
項目No. 64の見出しNo. 1~22と
項目No. 65の見出しNo. 1を含みます。

Fig. 61 Ref No. 6
INC Fig. 61 Ref No. 7~34.
Fig. 62 Ref No. 1~44.
Fig. 63 Ref No. 1~18.
Fig. 64 Ref No. 1~22.
Fig. 65 Ref No. 1.

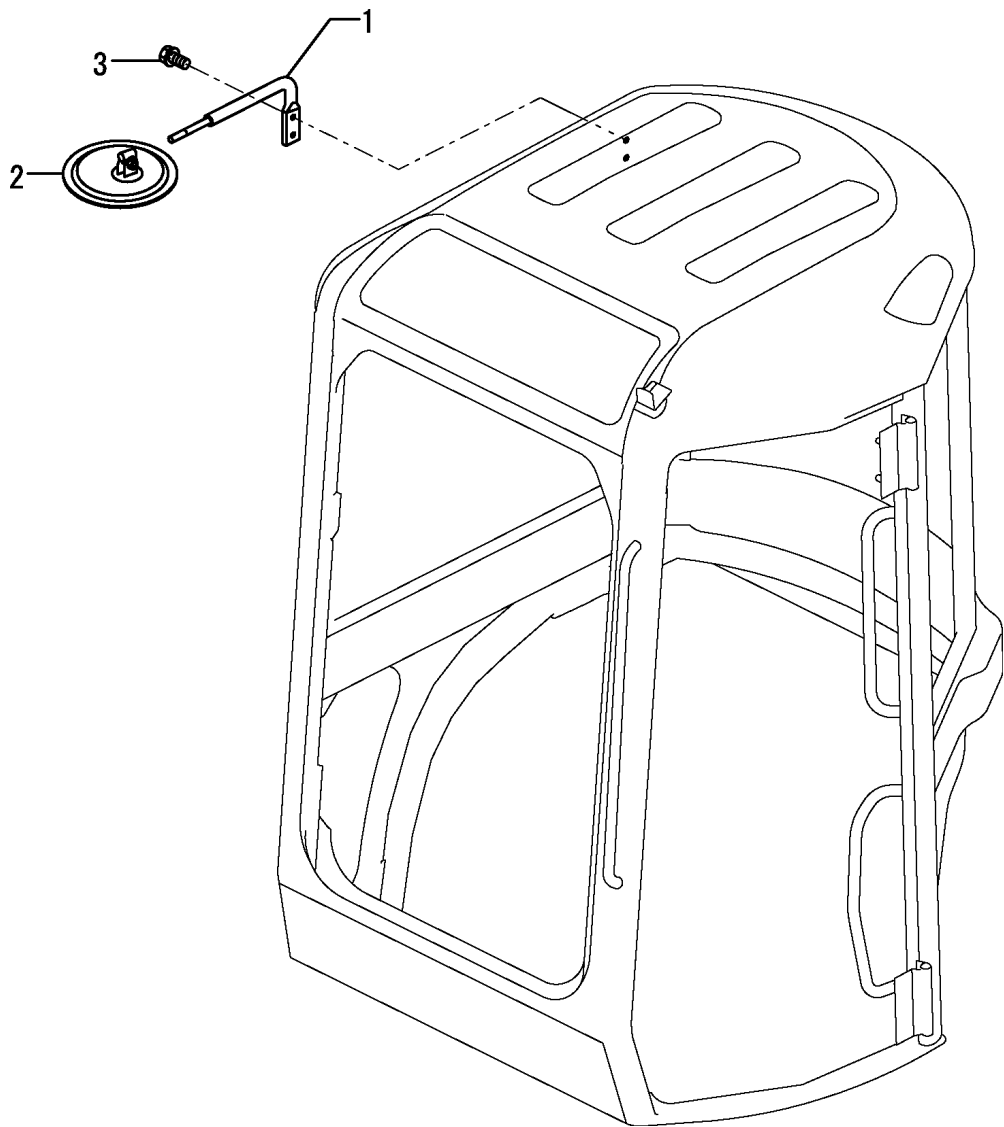
キャビンドアASSY
CABIN DOOR ASSY
172459-67821
項目No. 65の見出しNo. 1は、
項目No. 65の見出しNo. 2と
項目No. 66の見出しNo. 1を含みます。

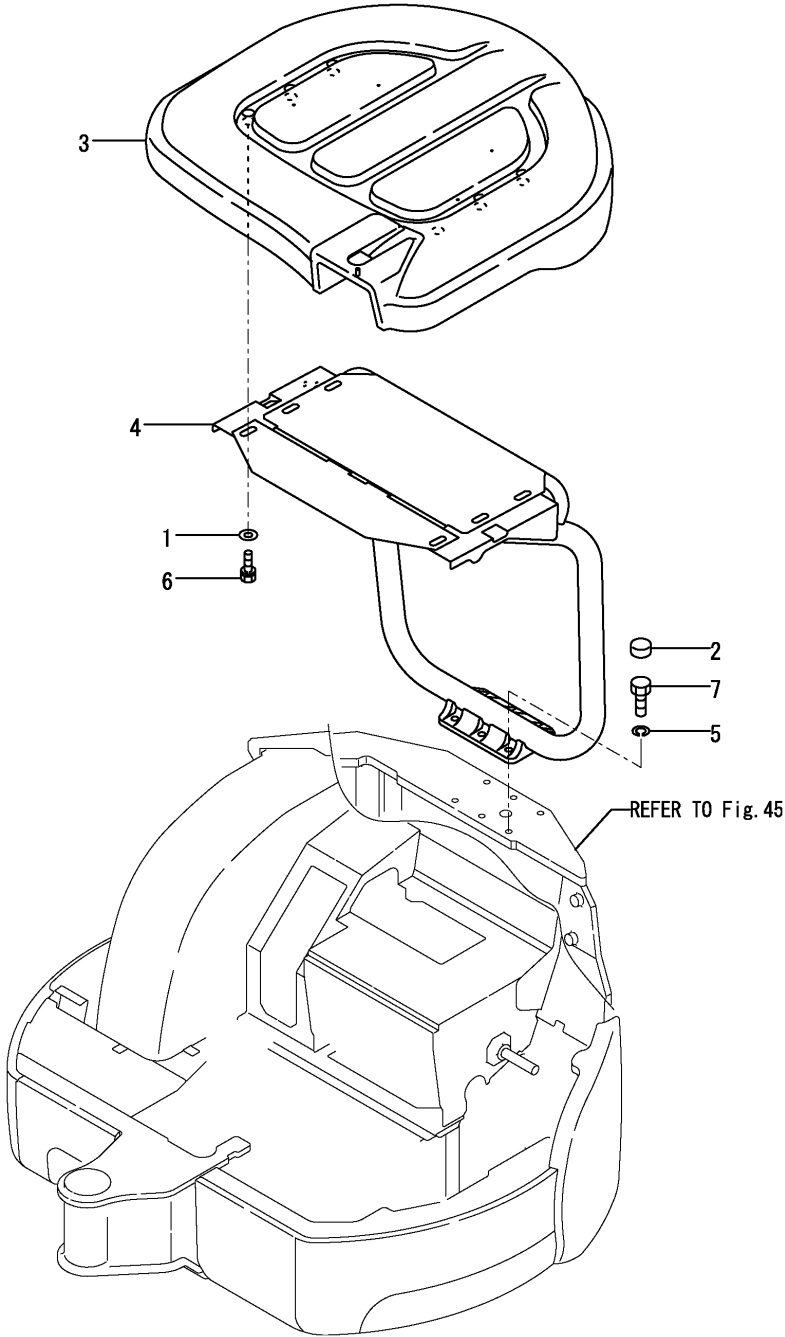
Fig. 65 Ref No. 1
INC Fig. 65 Ref No. 2.
Fig. 66 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172459-67841	DOOR ASSY	1							
2	4	172519-63240	BOLT	2							
3	4	172458-66780	UPPER PLATE,DOOR REA	1							
4	4	172458-66790	LOWER PLATE,DOOR REA	1							
5	4	172458-66800	SCREW	4							
6	4	172458-66800	SCREW	3							
7	4	172455-69140	NUT, CAP	12							
8	4	172455-69200	TUBE	12							
9	4	172455-69250	PIPE	12							
10	4	172455-69290	PACKING	4							
11	4	172458-69590	TRIM ASSY	1							
12	4	172458-69601	FRAME,DOOR REAR (12)	1							
13	4	172458-69730	PLATE	1							
14	4	172458-69760	GUIDE, STOPPER	1							
15	4	172458-69770	HINGE	2							
16	4	172458-69920	GLASS, DOOR	1							
17	4	172458-69960	GASKET	8							
18	4	172458-69990	COVER	2							
19	4	22137-080000	WASHER, 8	2							
20	4	22417-200160	PIN, COTTER 2.0X16	2							

Fig.67. BACK MIRROR

[illegible]



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

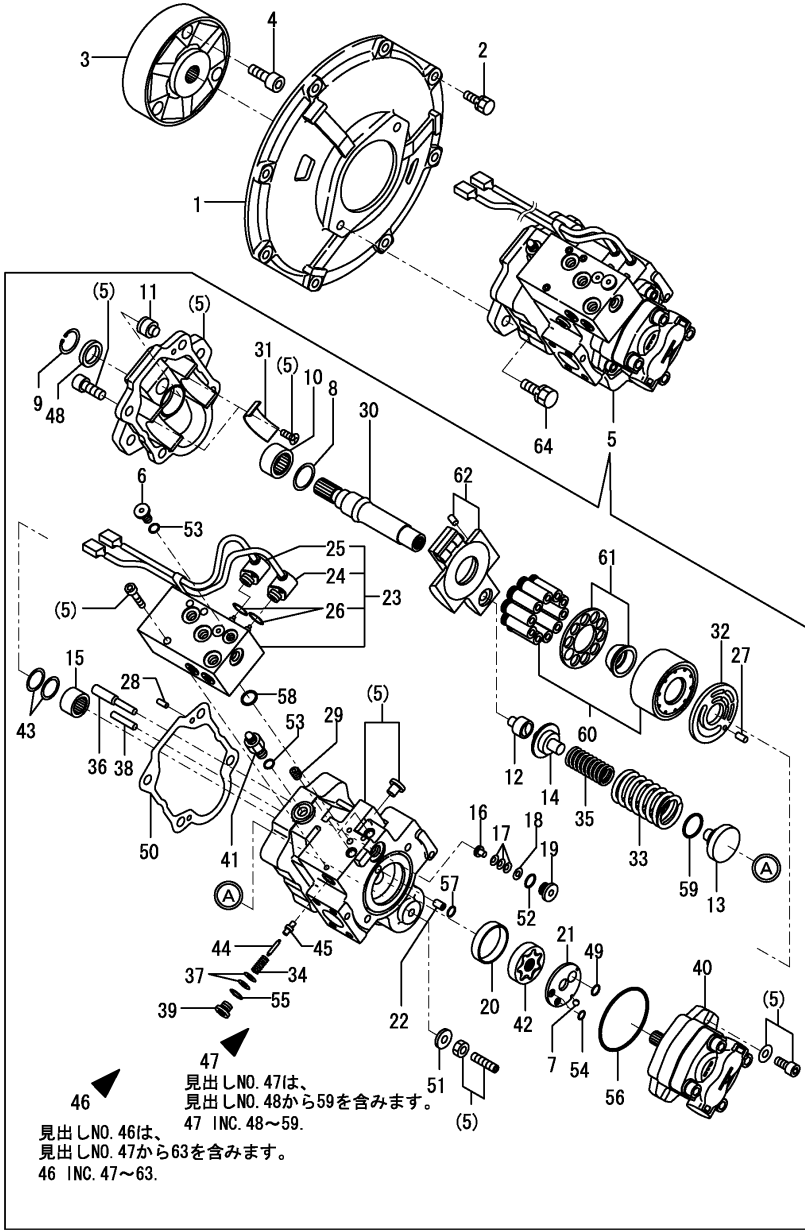
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER 12		6	6					
2	1	172458-67090	CAP		6	6					Z
		(B=M/#35253)	(C=M/#35253)								
3	1	172458-67100	ROOF ASSY,CANOPY		1	1					
4	1	172A23-67110	CANOPY ASSY, TOPS		1	1					
5	1	22217-160000	WASHER, SPRING 16		6	6					
6	1	26013-120302	BOLT, M12X 30		6	6					
7	1	26076-160402	BOLT, 10.916X 40		6	6					

Fig.69. HYD.OIL PUMP & JOINT

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

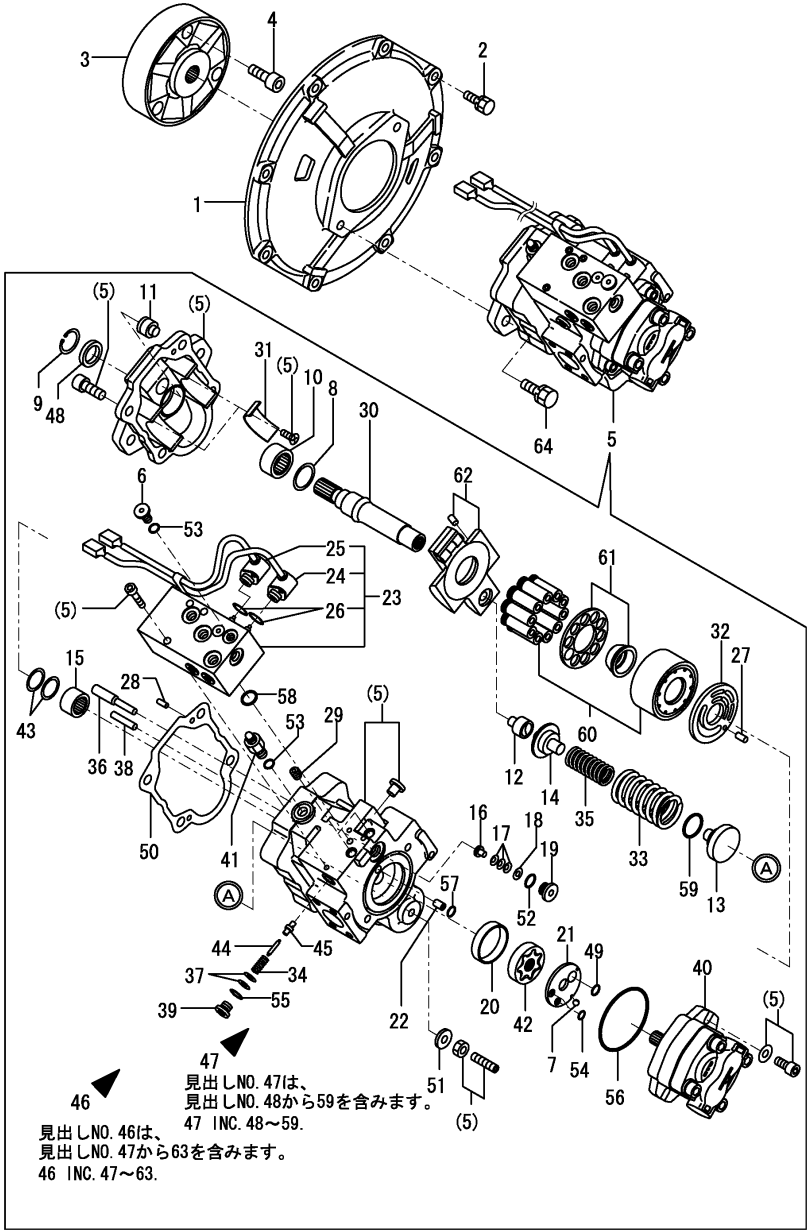


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1						
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	172457-73501	PUMP ASSY	1	1						
6	2	172148-70301	PLUG	2	2						
7	2	172122-70350	BALL, STEEL	1	1						
8	2	172460-73160	WASHER, THRUST	1	1						
9	2	172460-73180	RING, SNAP	1	1						
10	2	172460-73200	BEARING, NEEDLE	1	1						
11	2	172460-73220	STOPPER	1	1						
12	2	172460-73240	HOLDER	1	1						
13	2	172461-73270	SEAT, SPRING	1	1						
14	2	172176-73290	SEAT, SPRING	1	1						
15	2	172460-73330	BEARING, NEEDLE	1	1						
16	2	172460-73340	STOPPER	1	1						
17	2	172460-73350	SPRING, DISK	3	3						
18	2	172460-73360	WASHER	1	1						
19	2	172460-73370	PLUG	1	1						
20	2	172460-73380	BUSH	1	1						
21	2	172460-73390	PLATE	1	1						
22	2	172460-73420	PIN	1	1						
23	2	172460-73430	VALVE	1	1						
24	3	172460-73900	VALVE, SOLENOID	1	1						1
25	3	172460-73910	VALVE, SOLENOID	1	1						2
26	3	24352-190110	O-RING, 219011	2	2						
27	2	172122-73480	PIN	1	1						
28	2	172122-73480	PIN	2	2						
29	2	172452-73480	PLUG	6	6						
30	2	172457-73510	SHAFT	1	1						
31	2	172457-73530	BUSHING	2	2						
32	2	172457-73540	VALVE PLATE	1	1						
33	2	172457-73550	SPRING	1	1						
34	2	172176-73560	SPRING	1	1						
35	2	172457-73560	SPRING	1	1						
36	2	172457-73580	PIN	1	1						
37	2	172176-73590	SHIM	2	2						
38	2	172457-73590	PIN	1	1						
39	2	172176-73600	PLUG	1	1						
40	2	172457-73600	GEAR PUMP	1	1						
41	2	172176-73690	BREEDER, AIR	1	1						
42	2	172176-73880	PUMP ASSY, TROCHOID	1	1						
43	2	172176-73910	WASHER, THRUST	2	2						
44	2	172176-73930	PIN	1	1						
45	2	172176-73940	POPPET	1	1						
46	2	172457-73060	KIT,PUMP	1	1						
47	3	172457-73610	SEAL SET	1	1						
47-1	3	172457-73611	SEAL SET	1	1						N
(A)=M/#30501) (B)=M/#30501)											
48	4	172460-73190	SEAL, OIL	1	1						
49	4	172460-73400	O-RING	1	1						

Fig.69. HYD.OIL PUMP & JOINT

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

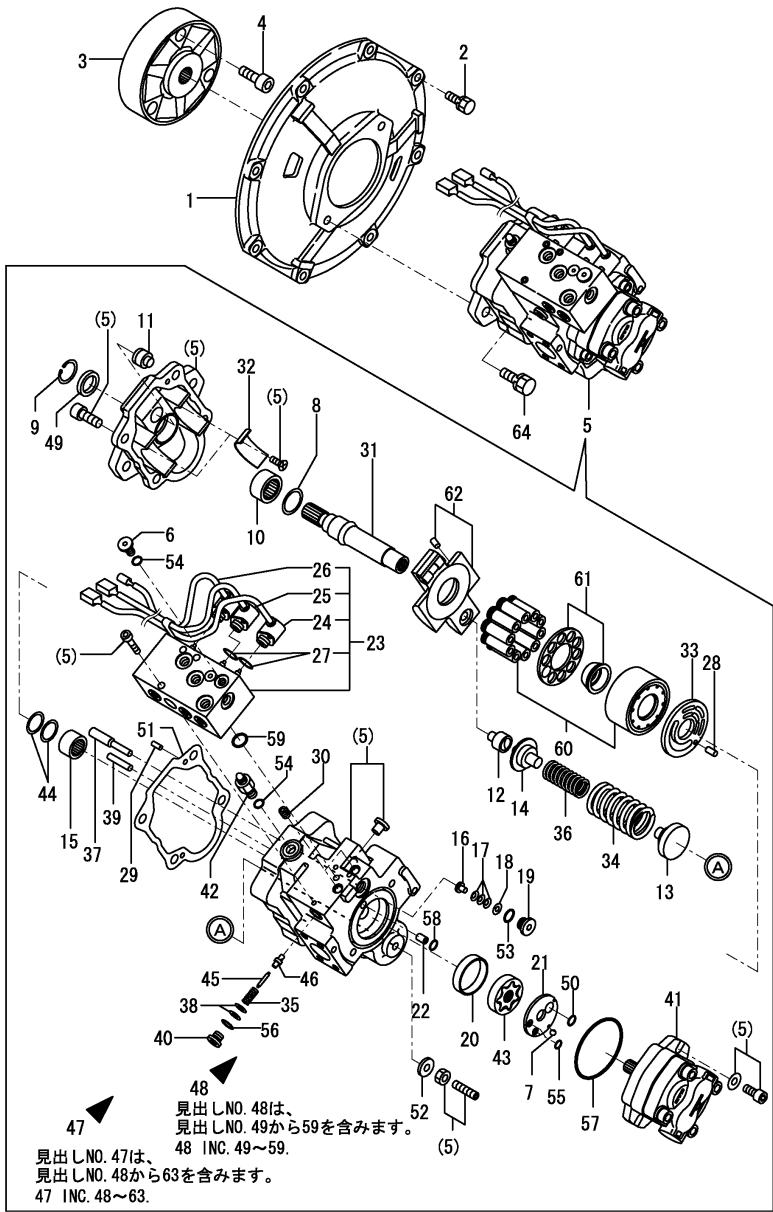
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	4	172457-73520	GASKET	1	1						
51	4	172457-73570	SEAL WASHER	1	1						
52	4	24315-000140	O-RING, 1BP14.0	1	1						
53	4	24315-000110	O-RING, 1BP11.0	3	3						
54	4	24315-000080	O-RING, 1BP8.0	2	2						
55	4	24315-000110	O-RING, 1BP11.0	1	1						
56	4	24321-000850	O-RING, 1AG85.0	1	1						
57	4	24315-000080	O-RING, 1BP8.0	1	1						
58	4	24315-000180	O-RING, 1BP18.0	3	3						
59	4	24325-000450	O-RING, 1BG45.0	1	1						
60	3	172457-73620	BLOCK KIT, CYLINDER	1	1						
61	3	172457-73630	RETAINER KIT	1	1						
62	3	172457-73640	SWASH PLATE S/A	1	1						
64	1	26013-120352	BOLT, M12X 35	2	2						

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

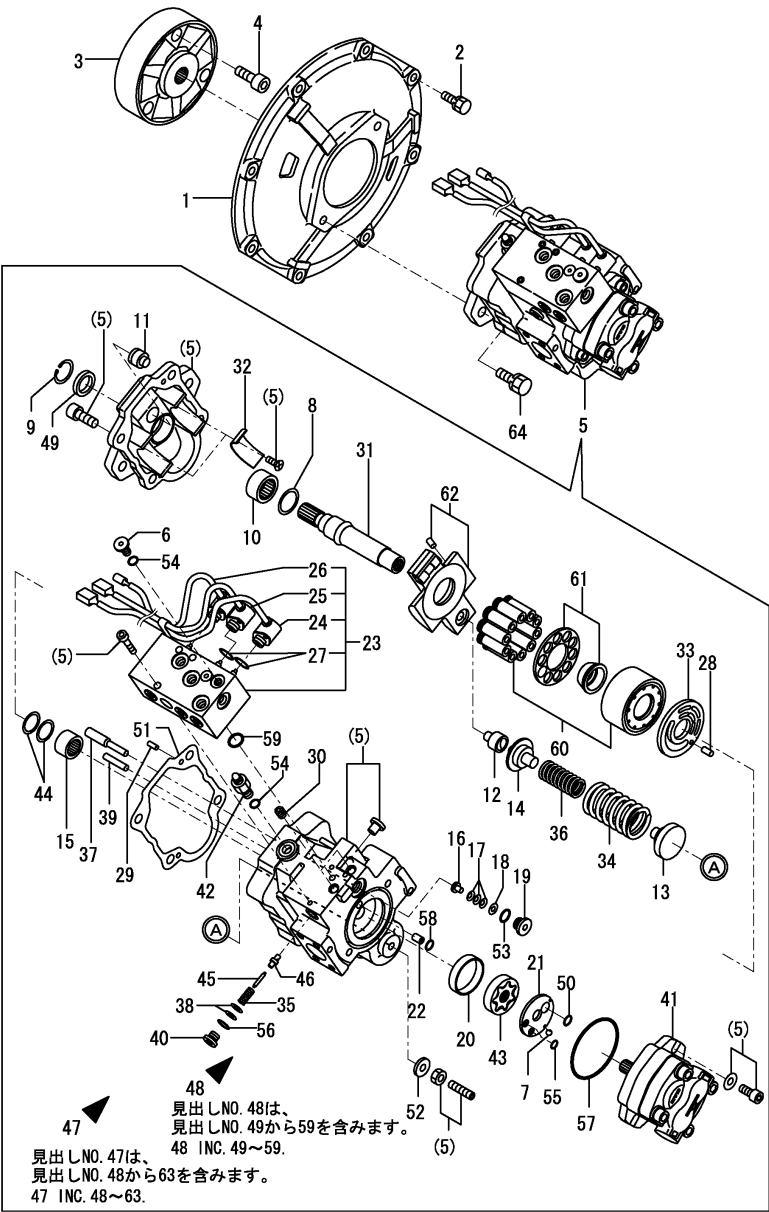
Fig.70. HYD.OIL PUMP & JOINT(QUICK HITCH SPEC.)



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

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	172957-73501	PUMP Q ASSY	1	1	1					
6	2	172148-70301	PLUG	2	2	2					
7	2	172122-70350	BALL, STEEL	1	1	1					
8	2	172460-73160	WASHER, THRUST	1	1	1					
9	2	172460-73180	RING, SNAP	1	1	1					
10	2	172460-73200	BEARING, NEEDLE	1	1	1					
11	2	172460-73220	STOPPER	1	1	1					
12	2	172460-73240	HOLDER	1	1	1					
13	2	172461-73270	SEAT, SPRING	1	1	1					
14	2	172176-73290	SEAT, SPRING	1	1	1					
15	2	172460-73330	BEARING, NEEDLE	1	1	1					
16	2	172460-73340	STOPPER	1	1	1					
17	2	172460-73350	SPRING, DISK	3	3	3					
18	2	172460-73360	WASHER	1	1	1					
19	2	172460-73370	PLUG	1	1	1					
20	2	172460-73380	BUSH	1	1	1					
21	2	172460-73390	PLATE	1	1	1					
22	2	172460-73420	PIN	1	1	1					
23	2	172960-73430	VALVE	1	1	1					
24	3	172460-73900	VALVE, SOLENOID	1	1	1					1
25	3	172460-73910	VALVE, SOLENOID	1	1	1					2
26	3	172460-73920	VALVE, SOLENOID	1	1	1					3
27	3	24352-190110	O-RING, 219011	3	3	3					
28	2	172122-73480	PIN	1	1	1					
29	2	172122-73480	PIN	2	2	2					
30	2	172452-73480	PLUG	6	6	6					
31	2	172457-73510	SHAFT	1	1	1					
32	2	172457-73530	BUSHING	2	2	2					
33	2	172457-73540	VALVE PLATE	1	1	1					
34	2	172457-73550	SPRING	1	1	1					
35	2	172176-73560	SPRING	1	1	1					
36	2	172457-73560	SPRING	1	1	1					
37	2	172457-73580	PIN	1	1	1					
38	2	172176-73590	SHIM	2	2	2					
39	2	172457-73590	PIN	1	1	1					
40	2	172176-73600	PLUG	1	1	1					
41	2	172457-73600	GEAR PUMP	1	1	1					
42	2	172176-73690	BREEDER, AIR	1	1	1					
43	2	172176-73880	PUMP ASSY, TROCHOID	1	1	1					
44	2	172176-73910	WASHER, THRUST	2	2	2					
45	2	172176-73930	PIN	1	1	1					
46	2	172176-73940	POPPET	1	1	1					
47	2	172957-73060	KIT,PUMP Q	1	1	1					
48	3	172957-73510	SEAL SET	1	1	1					
49	4	172460-73190	SEAL, OIL	1	1	1					
50	4	172460-73400	O-RING	1	1	1					
51	4	172457-73520	GASKET	1	1	1					

Fig.70. HYD.OIL PUMP & JOINT(QUICK HITCH SPEC.)



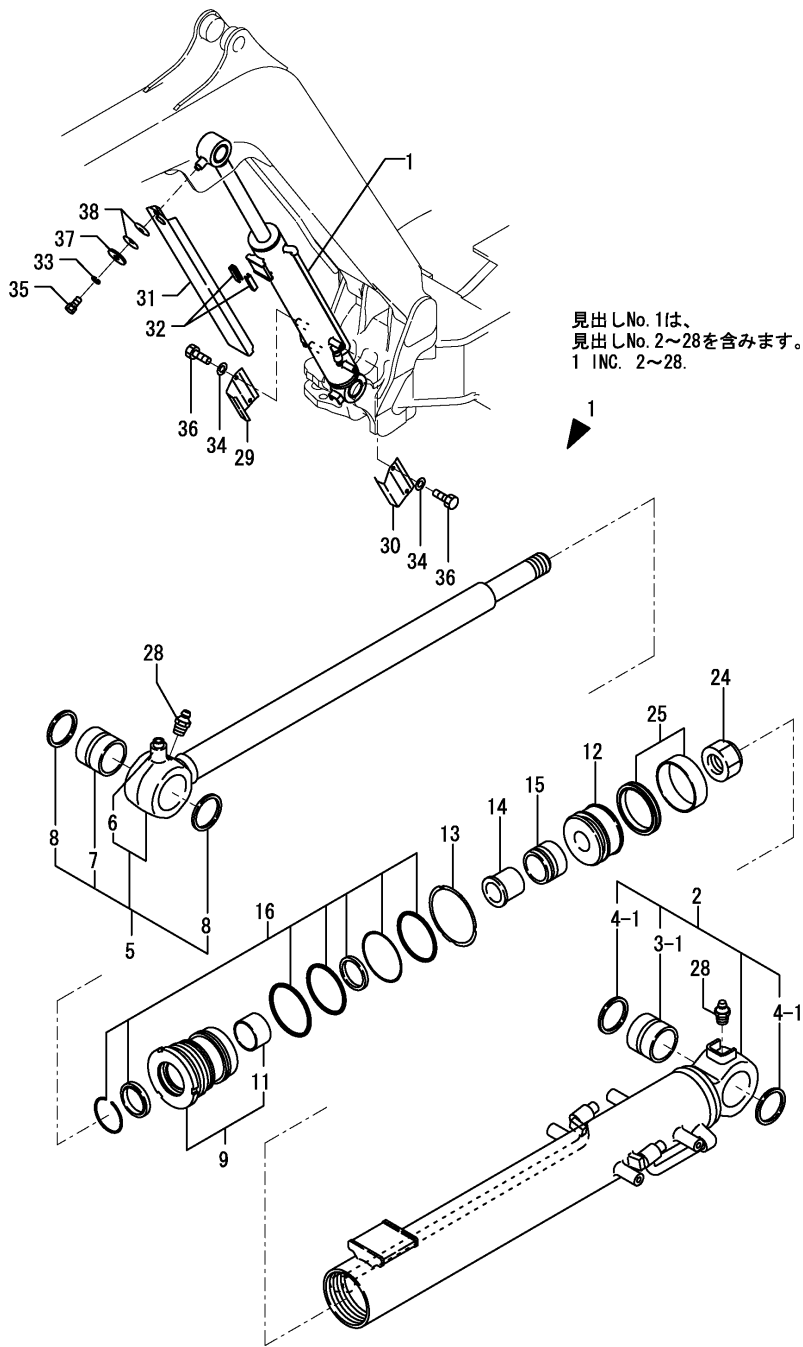
Remarks
(1)For safety lock.
(2)For second gear traveling.
(3)For quick coupler.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	4	172457-73570	SEAL WASHER	1	1	1					
53	4	24315-000140	O-RING, 1BP14.0	1	1	1					
54	4	24315-000110	O-RING, 1BP11.0	3	3	3					
55	4	24315-000080	O-RING, 1BP8.0	2	2	2					
56	4	24315-000110	O-RING, 1BP11.0	1	1	1					
57	4	24321-000850	O-RING, 1AG85.0	1	1	1					
58	4	24315-000080	O-RING, 1BP8.0	1	1	1					
59	4	24315-000180	O-RING, 1BP18.0	3	3	3					
60	3	172457-73620	BLOCK KIT, CYLINDER	1	1	1					
61	3	172457-73630	RETAINER KIT	1	1	1					
62	3	172457-73640	SWASH PLATE S/A	1	1	1					
64	1	26013-120352	BOLT, M12X 35	2	2	2					

Fig.72. BOOM CYLINDER(CANOPY SPEC.)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

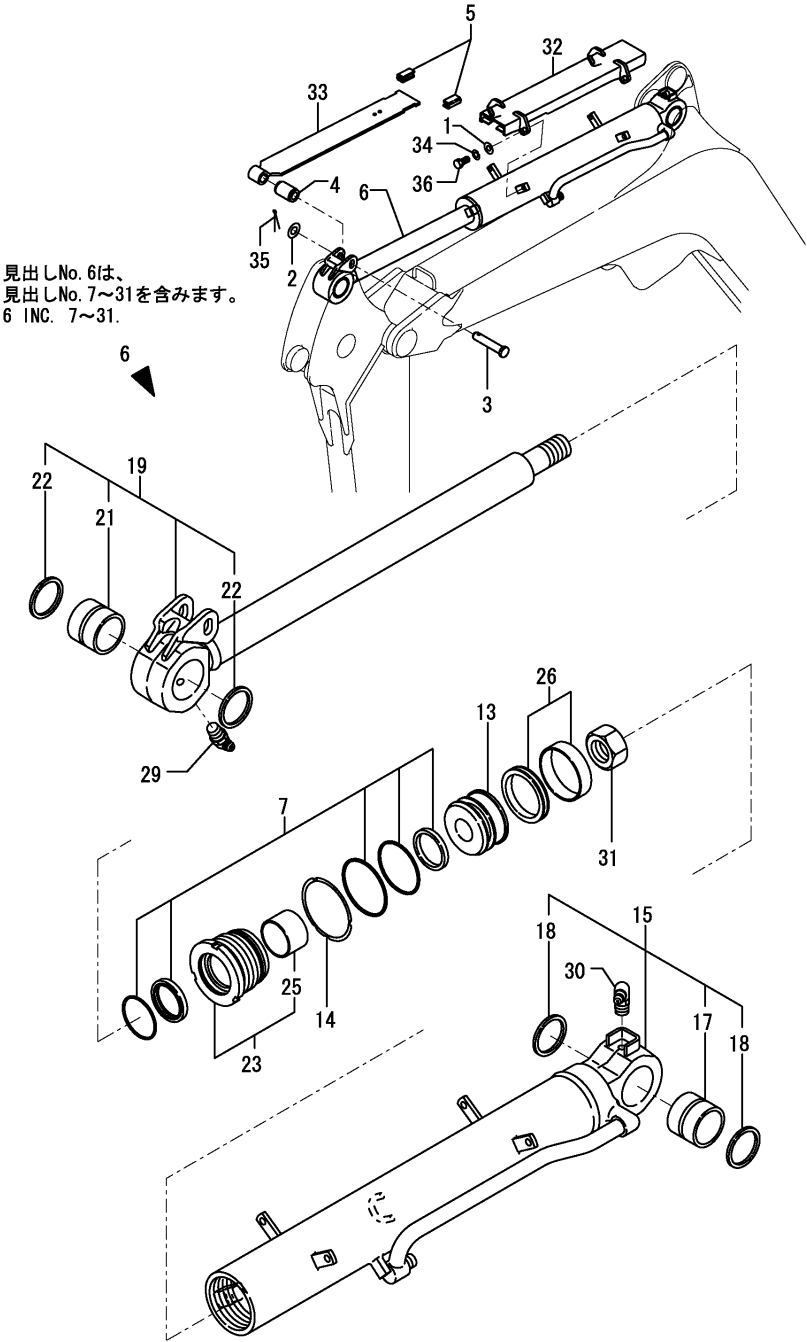


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-72100	CYLINDER ASSY, BOOM		1	1					
2	2	172457-72110	TUBE ASSY, BOOM		1	1					
2-1	2	172457-72250	TUBE ASSY, BOOM		1	1					N
		(B=M/#35036) (C=M/#35036)									
3-1	3	172458-72130	BUSH 50-60		1	1					
4-1	3	172165-81760	SEAL, DUST 50X60X4		2	2					
4-2	3	172448-54120	SEAL, DUST		2	2					R
		(B=2007.11) (C=2007.11)									
5	2	172457-72140	ROD,BOOM		1	1					
5-1	2	172457-72260	ROD ASSY,BOOM		1	1					N
		(B=M/#35036) (C=M/#35036)									
6	4	172165-72161	NUT		1	1					
7	3	172168-72400	BUSH 45X55X40		1	1					
8	3	172168-81410	SEAL, DUST		2	2					
9	2	172457-72161	HEAD ASSY 75 40		1	1					
11	3	24550-040300	BUSH, 40X30		1	1					
12	2	172457-72180	PISTON		1	1					
13	2	172141-72190	WASHER 75		1	1					
14	2	172457-72190	COLLAR, 27 38		1	1					
15	2	172457-72200	PLUNGER 50,CUSHON		1	1					
16	2	172457-72221	SEAL SET, HEAD		1	1					
24	2	172141-72250	NUT		1	1					
25	2	172444-72961	SEAL SET, 75 40		1	1					
28	2	24761-020000	NIPPLE, GREASE PT1/8		2	2					
29	1	172457-72230	COVER ASSY, CYLINDER		1	1					
30	1	172457-72240	COVER, CYLINDER		1	1					
31	1	172458-72270	COVER, SLIDE		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					

Fig.73. ARM CYLINDER

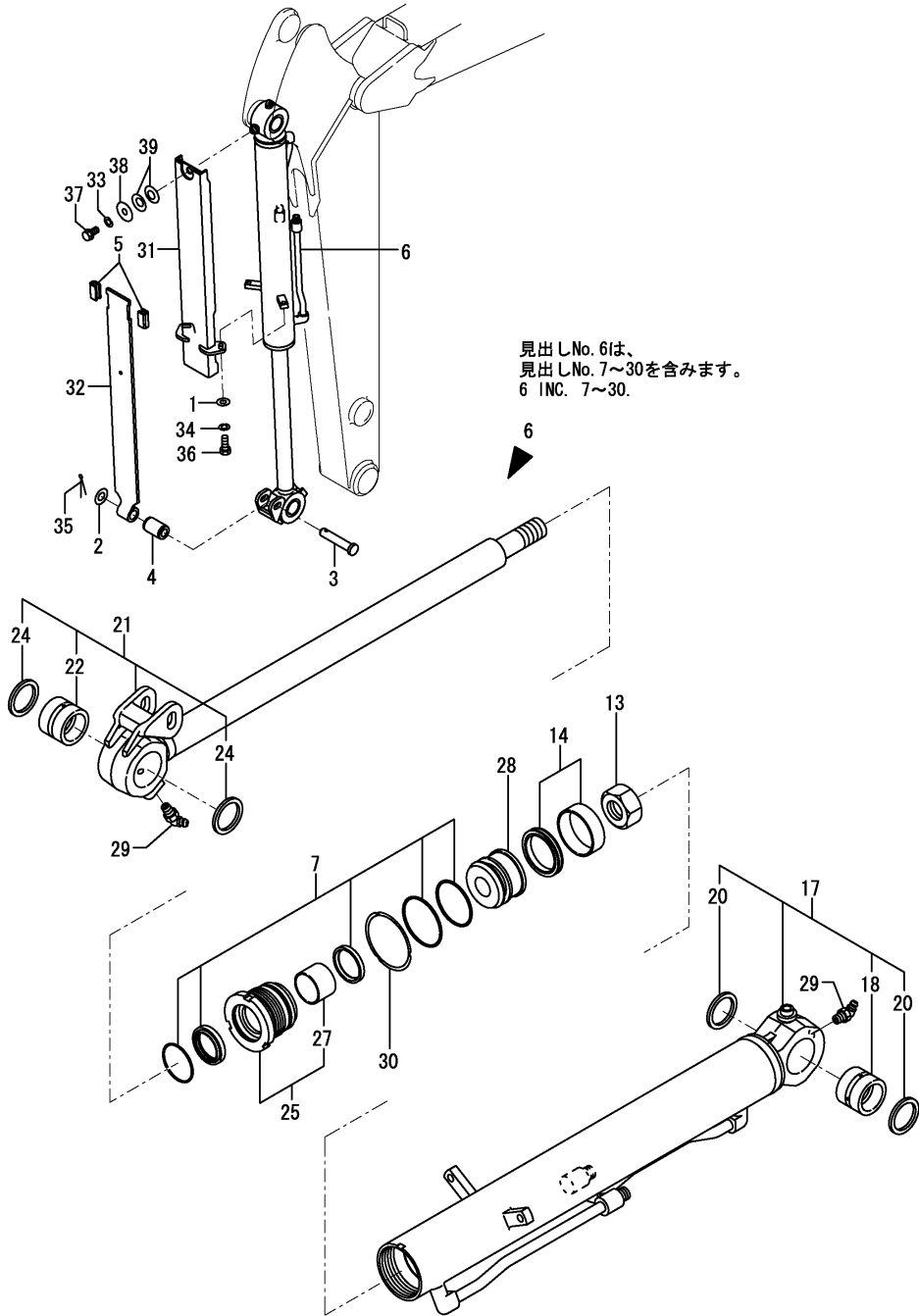
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	4	4	4					
1-1	1	172137-46041	SEAT, SPRING	4	4	4					N
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
2	1	172A23-72020	WASHER 15X30X1	1	1	1					
3	1	172A23-72042	PIN 14X70	1	1	1					
4	1	172A23-72050	GROMMET	1	1	1					
5	1	172A23-72081	GUIDE, SLIDE	2	2	2					
6	1	172A24-72301	CYLINDER, ARM	1	1	1					
7	2	172457-72010	SEAL SET, HEAD	1	1	1					
13	2	172148-72050	PISTON 75	1	1	1					
14	2	172141-72190	WASHER 75	1	1	1					
15	2	172A24-72320	TUBE, ARM	1	1	1					
17	3	172168-72410	BUSH 40X50X40	1	1	1					
18	3	172448-72650	SEAL, DUST	2	2	2					
19	2	172A24-72341	ROD ASSY 45,ARM	1	1	1					
21	3	172168-72410	BUSH 40X50X40	1	1	1					
22	3	172448-72650	SEAL, DUST	2	2	2					
23	2	172148-72390	HEAD 75 45	1	1	1					
25	3	24550-045300	BUSH, 45X30	1	1	1					
26	2	172444-72961	SEAL SET, 75 40	1	1	1					
29	2	24761-040000	NIPPLE, GREASE B	1	1	1					
30	2	24761-050000	NIPPLE, GREASE C	1	1	1					
31	2	933111-20200	NUT	1	1	1					
32	1	172A24-72900	GUIDE ASSY	1	1	1					
33	1	172A24-72950	PLATE,SLIDE(GREEN:97	1	1	1					
34	1	22217-100000	WASHER, SPRING 10	4	4	4					
35	1	22417-500250	PIN, COTTER 5.0X25	1	1	1					
36	1	26076-100202	BOLT, 10.910X 20	4	4	4					

Fig.74. BUCKET CYLINDER(STANDARD SPEC.)

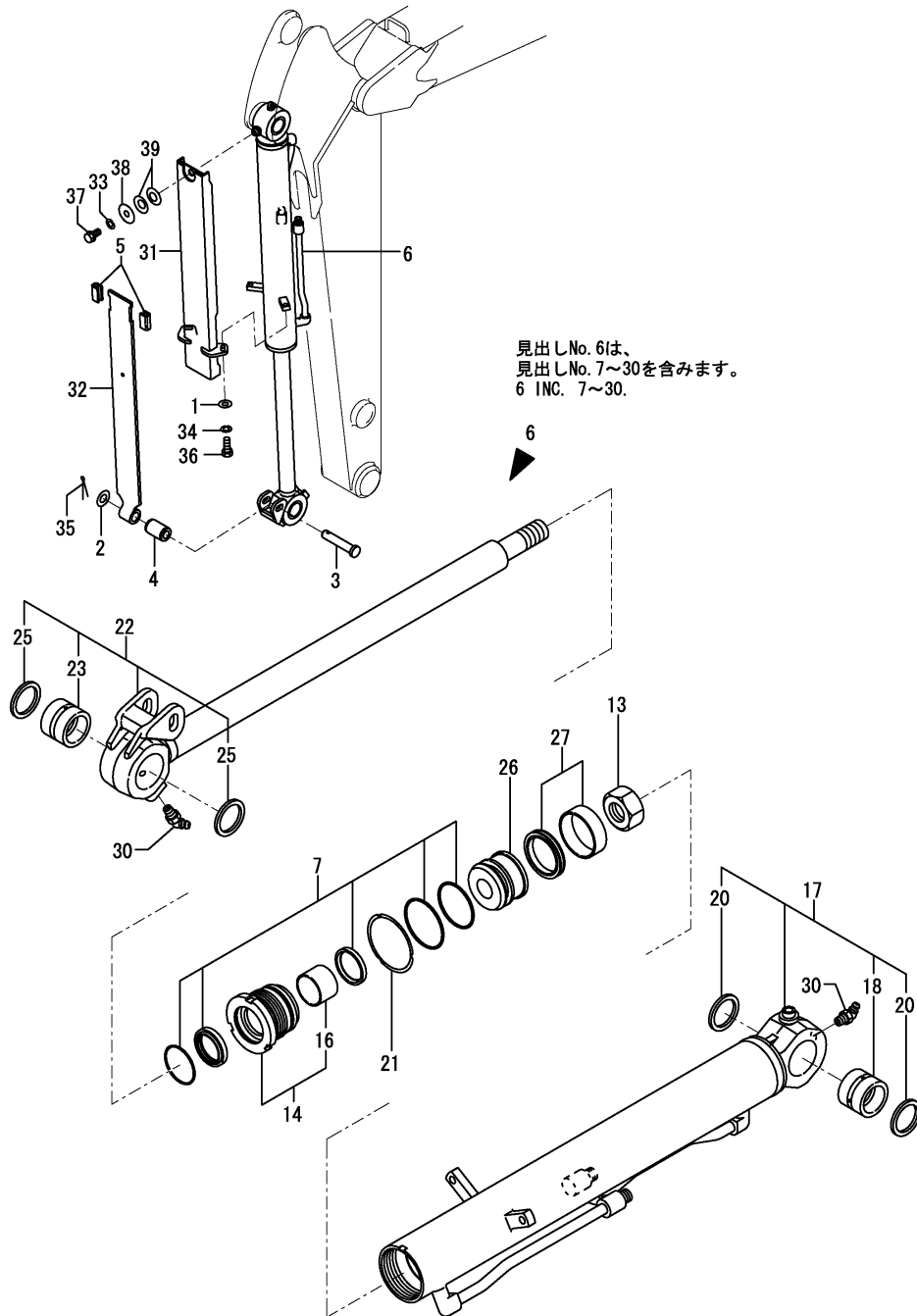


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

(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						
1-1	1	172137-46041	SEAT, SPRING	2	2						N
(A=M/#35253) (B=M/#35253)											
2	1	172A23-72020	WASHER 15X30X1	1	1						
3	1	172A23-72042	PIN 14X70	1	1						
4	1	172A23-72050	GROMMET	1	1						
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172A24-72500	CYLINDER ASSY	1	1						
7	2	172457-72050	SEAL SET, HEAD	1	1						
13	2	172141-72250	NUT	1	1						
14	2	172137-72453	SEAL SET, PISTON 60A	1	1						
17	2	172A24-72520	TUBE, BUCKET	1	1						
18	3	172168-72240	BUSH 38X50X40	1	1						
20	3	172168-81270	SEAL, DUST	2	2						
21	2	172A24-72530	ROD ASSY,BUCKET	1	1						
22	3	172168-72240	BUSH 38X50X40	1	1						
24	3	172168-81270	SEAL, DUST	2	2						
25	2	172141-72540	HEAD 6035, CYLINDER	1	1						
27	3	24550-035300	BUSH, 35X30	1	1						
28	2	172457-72580	PISTON 60	1	1						
29	2	24761-040000	NIPPLE, GREASE B	2	2						
30	2	933125-59600	WASHER 60 B, LOCK	1	1						
31	1	172A25-72900	GUIDE ASSY	1	1						
32	1	172A25-72950	PLATE,SIDE 700 (97)	1	1						
33	1	22217-100000	WASHER, SPRING 10	1	1						
34	1	22217-100000	WASHER, SPRING 10	2	2						
35	1	22417-500250	PIN, COTTER 5.0X25	1	1						
36	1	26076-100202	BOLT, 10.910X 20	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.75. BUCKET CYLINDER(QUICK HITCH SPEC.)

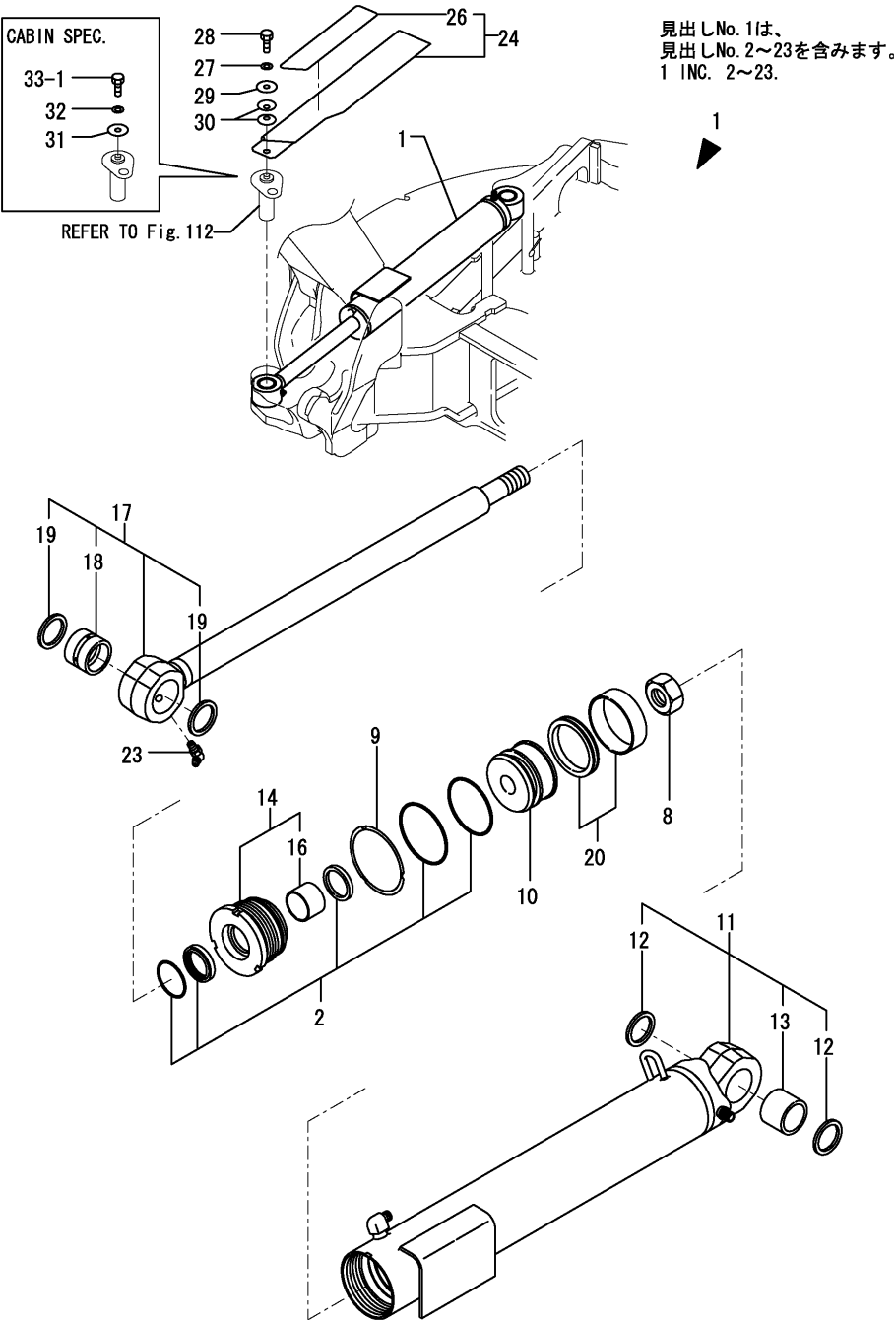


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

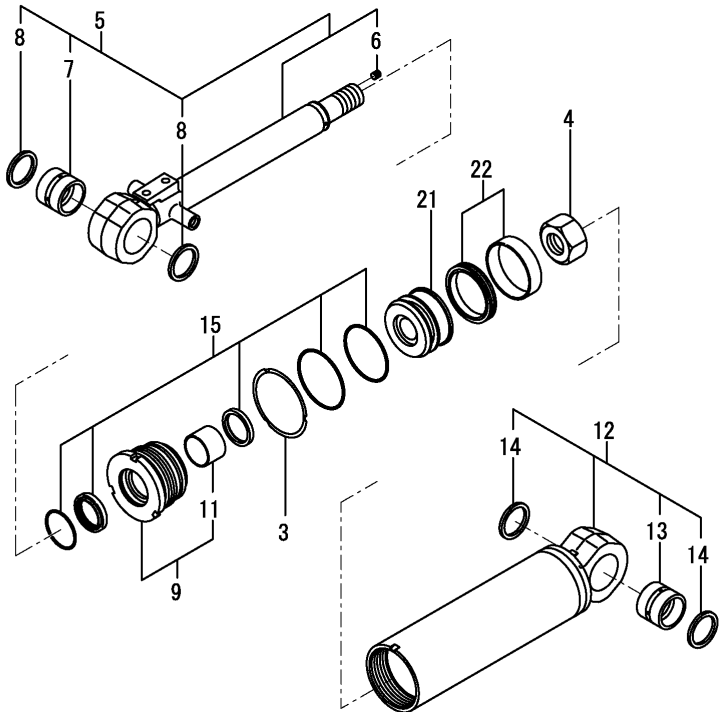
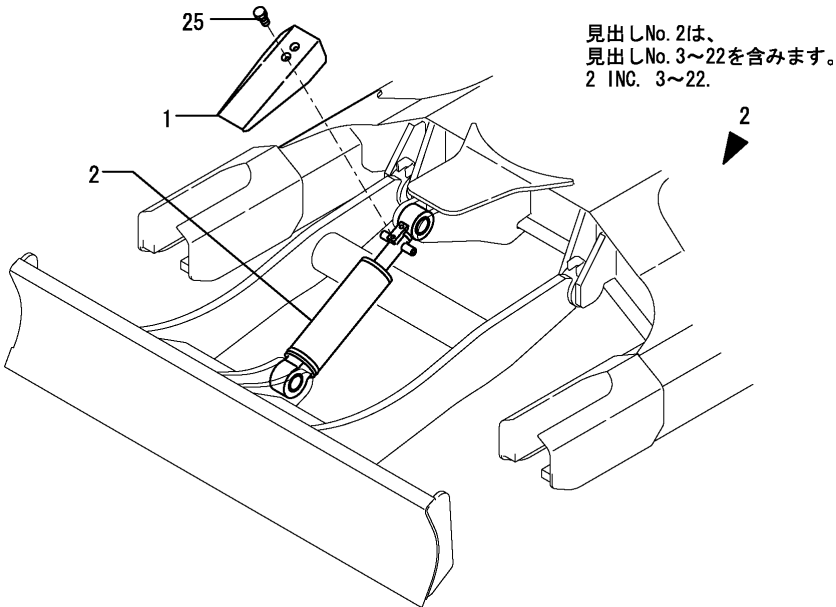
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172137-46040	SEAT, SPRING	2	2	2					
1-1	1	172137-46041	SEAT, SPRING	2	2	2					N
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)							
2	1	172A23-72020	WASHER 15X30X1	1	1	1					
3	1	172A23-72042	PIN 14X70	1	1	1					
4	1	172A23-72050	GROMMET	1	1	1					
5	1	172A23-72081	GUIDE, SLIDE	2	2	2					
6	1	172A25-72500	CYLINDER ASSY	1	1	1					
7	2	172458-72030	SEAL SET, HEAD	1	1	1					
13	2	172141-72250	NUT	1	1	1					
14	2	172142-72510	HEAD 65 40 W/BUSH	1	1	1					
16	3	24550-040300	BUSH, 40X30	1	1	1					
17	2	172A25-72520	TUBE, BUCKET	1	1	1					
18	3	172168-72240	BUSH 38X50X40	1	1	1					
20	3	172168-81270	SEAL, DUST	2	2	2					
21	2	172142-72560	WASHER 65, LOCK	1	1	1					
22	2	172A25-72580	ROD ASSY,BUCKET	1	1	1					
23	3	172168-72240	BUSH 38X50X40	1	1	1					
25	3	172168-81270	SEAL, DUST	2	2	2					
26	2	172148-72791	PISTON 65 27	1	1	1					
27	2	172148-72941	SEAL SET, PISTON	1	1	1					
30	2	24761-040000	NIPPLE, GREASE B	2	2	2					
31	1	172A25-72900	GUIDE ASSY	1	1	1					
32	1	172A25-72950	PLATE,SIDE 700 (97)	1	1	1					
33	1	22217-100000	WASHER, SPRING 10	1	1	1					
34	1	22217-100000	WASHER, SPRING 10	2	2	2					
35	1	22417-500250	PIN, COTTER 5.0X25	1	1	1					
36	1	26076-100202	BOLT, 10.910X 20	2	2	2					
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					

Fig.76. SWING CYLINDER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-72700	CYLINDER ASSY, SWING	1	1	1					
2	2	172458-72050	SEAL SET, HEAD	1	1	1					
8	2	172141-72250	NUT	1	1	1					
9	2	172142-72260	WASHER 80 B	1	1	1					
10	2	172175-72480	PISTON 80	1	1	1					
11	2	172457-72710-2	TUBE ASSY, SWING	1	1	1					
11-1	2	172457-72760-1	TUBE ASSY, SWING	1	1	1					N
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
12	3	172448-72650	SEAL, DUST	2	2	2					
13	3	172458-72740	BUSH 40X40,SO	1	1	1					
14	2	172422-72760	HEAD	1	1	1					
16	3	24550-040300	BUSH, 40X30	1	1	1					
17	2	172458-72770	ROD ASSY,SWING	1	1	1					
17-1	2	172458-72880	ROD ASSY,SWING	1	1	1					N
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
18	3	172165-72310	BUSH 40X40	1	1	1					
19	3	172448-72650	SEAL, DUST	2	2	2					
20	2	172142-72951	SEAL SET, PISTON	1	1	1					
23	2	24761-050000	NIPPLE, GREASE C	1	1	1					
24	1	172458-72860	COVER, SWING		1	1					
26	2	172458-72850	SHEET, SWING		1	1					
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					
31	1	22157-100000	WASHER, 10	1							
32	1	22217-100000	WASHER, SPRING 10	1							
33	1	22217-100000	WASHER, SPRING 10		4	4					M
33-1	1	26116-100162	BOLT, M10X 16 PLATED	1							

Fig.77. BLADE CYLINDER

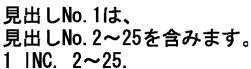


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

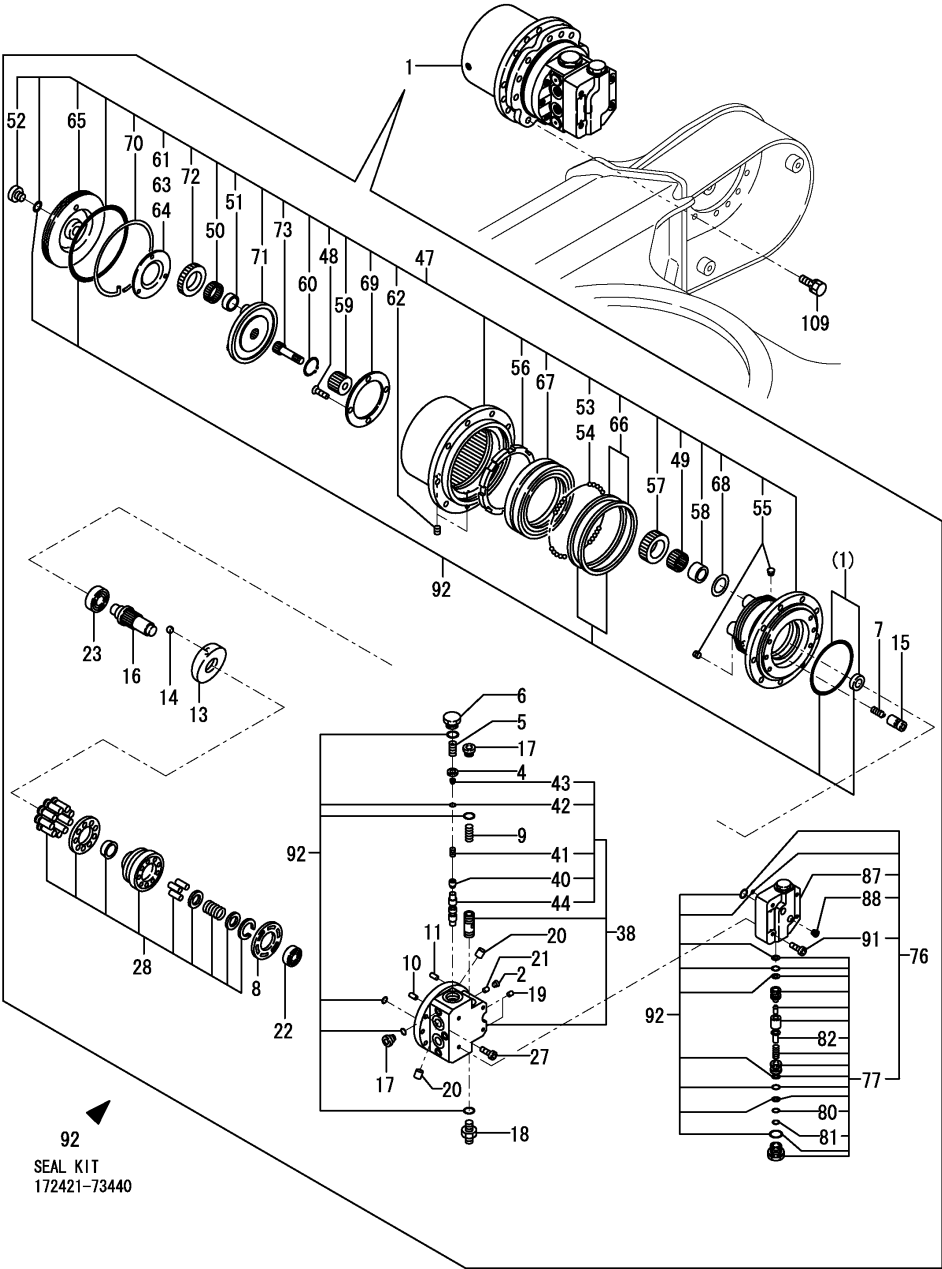
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-72790	COVER, BLADE	1	1	1					
2	1	172457-72900	CYLINDER, BLADE	1	1	1					
3	2	172141-72190	WASHER 75	1	1	1					
4	2	172175-72550	NUT	1	1	1					
5	2	172458-72650	ROD ASSY,BLADE	1	1	1					
5-1	2	172458-72690	ROD ASSY,BLADE	1	1	1					N
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
6	4	23871-005000	PLUG, R005	1	1	1					
7	3	172168-72410	BUSH 40X50X40	1	1	1					
8	3	172448-72650	SEAL, DUST	2	2	2					
9	2	172141-72690	HEAD 75 40 W/BUSH	1	1	1					
11	3	24550-040300	BUSH, 40X30	1	1	1					
12	2	172457-72910	TUBE, BLADE	1	1	1					
12-1	2	172457-72930-2	TUBE ASSY, BLADE	1	1	1					N
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
13	3	172168-72410	BUSH 40X50X40	1	1	1					
14	3	172448-72650	SEAL, DUST	2	2	2					
15	2	172444-72940	SEAL SET	1	1	1					
21	2	172457-72950	PISTON 75X30	1	1	1					
22	2	172444-72961	SEAL SET, 75 40	1	1	1					
25	1	26013-100162	BOLT, M10X 16	2	2	2					

Fig.78. HITCH CYLINDER



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

Fig.79. TRAVEL MOTOR



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-73700	MOTOR ASSY, TRAVEL	2	2	2					
2	2	172147-70220	PLUG	4	4	4					
4	2	172141-70450	SEAT, SPRING	4	4	4					
5	2	172141-70460	SPRING	4	4	4					
6	2	172141-70470	CAP	4	4	4					
7	2	172168-71950	SPRING	4	4	4					
8	2	172638-73330	PLATE, VALVE	2	2	2					
9	2	172421-73400	SPRING	2	2	2					
10	2	172122-73470	PIN	2	2	2					
11	2	172122-73480	PIN	4	4	4					
13	2	172450-73500	PLATE, SWASH	2	2	2					
14	2	172450-73510	BALL, STEEL	4	4	4					
15	2	172450-73550	PISTON ASSY	4	4	4					
16	2	172183-73670	SHAFT	2	2	2					
17	2	172183-73770	PLUG	6	6	6					
18	2	172183-73780	PLUG	2	2	2					
19	2	172183-73870	PLUG	8	8	8					
20	2	172312-74790	ORIFICE	4	4	4					
21	2	172312-74790	ORIFICE	8	8	8					
22	2	24101-060024	BEARING, BALL 6002	2	2	2					
23	2	24101-060044	BEARING, BALL 6004	2	2	2					
27	2	26450-080202	BOLT, M8X 20	12	12	12					
28	2	172450-73620	BLOCK KIT, CYLINDER	2	2	2					
38	2	172421-73450	BASE PLATE ASSY	2	2	2					
40	4	172141-70410	VALVE, CHECK	4	4	4					
41	4	172141-70420	SPRING	4	4	4					
42	4	172141-70440	O-RING	4	4	4					
43	4	172421-73380	PLUG	4	4	4					
44	4	172183-73730	PLUNGER	2	2	2					
47	2	172457-73720	GEAR, REDUCTION	2	2	2					
48	3	172141-70110	SCREW	8	8	8					
49	3	172147-70120	GAUGE ASSY	8	8	8					
50	3	172141-70150	GAUGE, W/ROLLER	6	6	6					
51	3	172141-70160	RACE, INNER	6	6	6					
52	3	172148-70301	PLUG	4	4	4					
53	3	172122-70350	BALL, STEEL	198	198	198					
54	3	172122-70350	BALL, STEEL	20	20	20					
55	3	172450-73330	PLUG	4	4	4					
56	3	172456-73350	NUT, RING	2	2	2					
57	3	172456-73360	GEAR, PLANETARY	8	8	8					
58	3	172456-73370	INNER RACE	8	8	8					
59	3	172456-73380	GEAR, SUN	2	2	2					
60	3	172456-73390	SNAP RING	2	2	2					
61	3	172456-73420	THRUST PLATE	2	2	2					
62	3	172122-73430	PLUG	4	4	4					
63	3	172456-73430	THRUST PLATE	2	2	2					
64	3	172456-73440	THRUST PLATE	2	2	2					
65	3	172456-73450	COVER	2	2	2					
66	3	172183-73510	SEAL, FLOATING	2	2	2					
67	3	172183-73520	BEARING	2	2	2					
68	3	172183-73560	WASHER, THRUST	8	8	8					

Fig.79. TRAVEL MOTOR



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

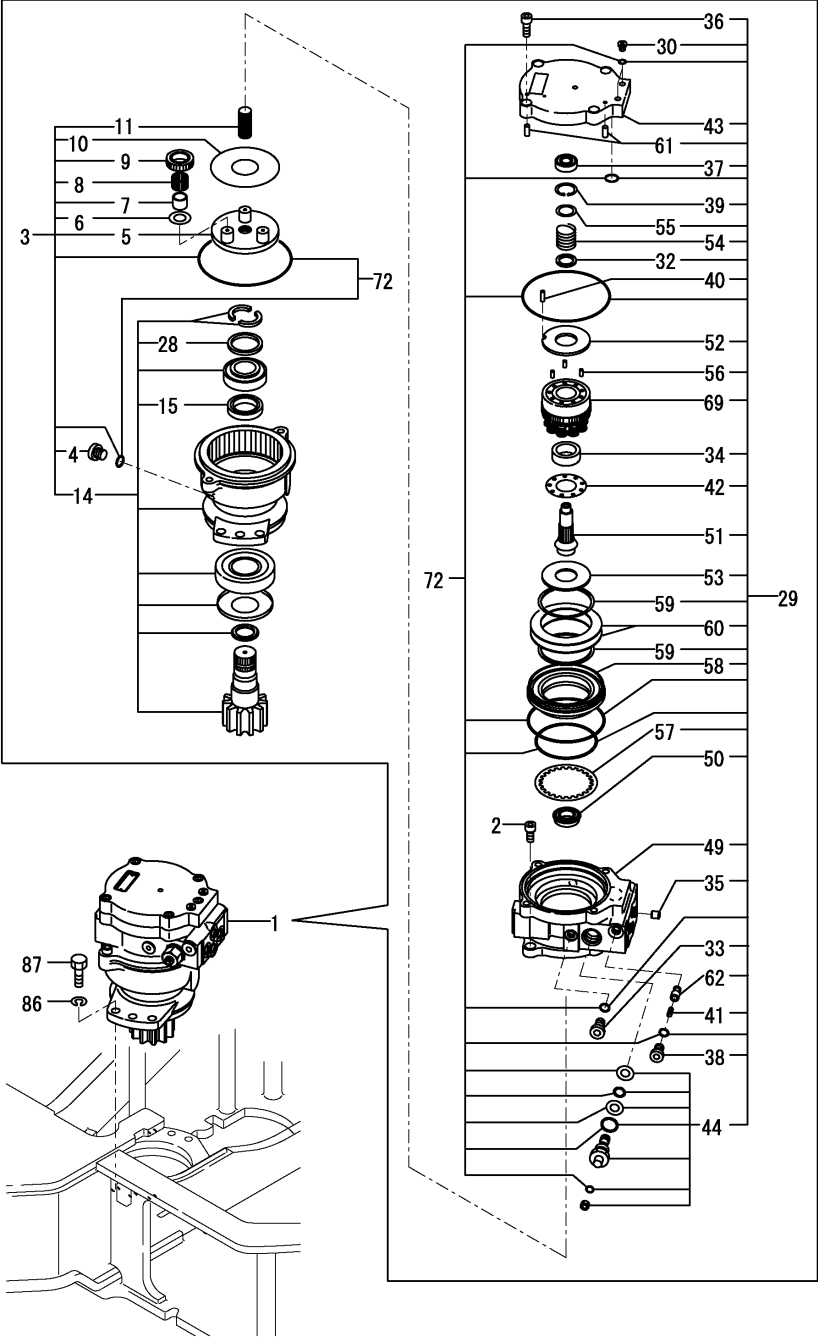
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
69	3	172183-73570	PLATE, THRUST	2	2	2					
70	3	172183-73660	WIRE	2	2	2					
71	3	172457-73730	HOLDER	2	2	2					
72	3	172457-73740	GEAR, PLANETARY	6	6	6					
73	3	172457-73770	GEAR, DRIVE	2	2	2					
76	2	172457-73750	VALVE ASSY	2	2	2					
77	3	172457-73760	RELIFE VALVE	4	4	4					
80	4	172147-70610	SHIM	4	4	4					
81	4	172162-70760	SHIM	12	12	12					
82	4	172173-73440	ORIFICE	4	4	4					
87	3	172183-73810	VALVE BODY	2	2	2					
88	3	23871-020000	PLUG, R02	4	4	4					
91	3	26450-060402	BOLT, M6X 40	8	8	8					
92	1	172421-73440	SEAL SET	2	2	2					
109	1	26013-100302	BOLT, M10X 30	24	24	24					

Fig.80. TURNING MOTOR

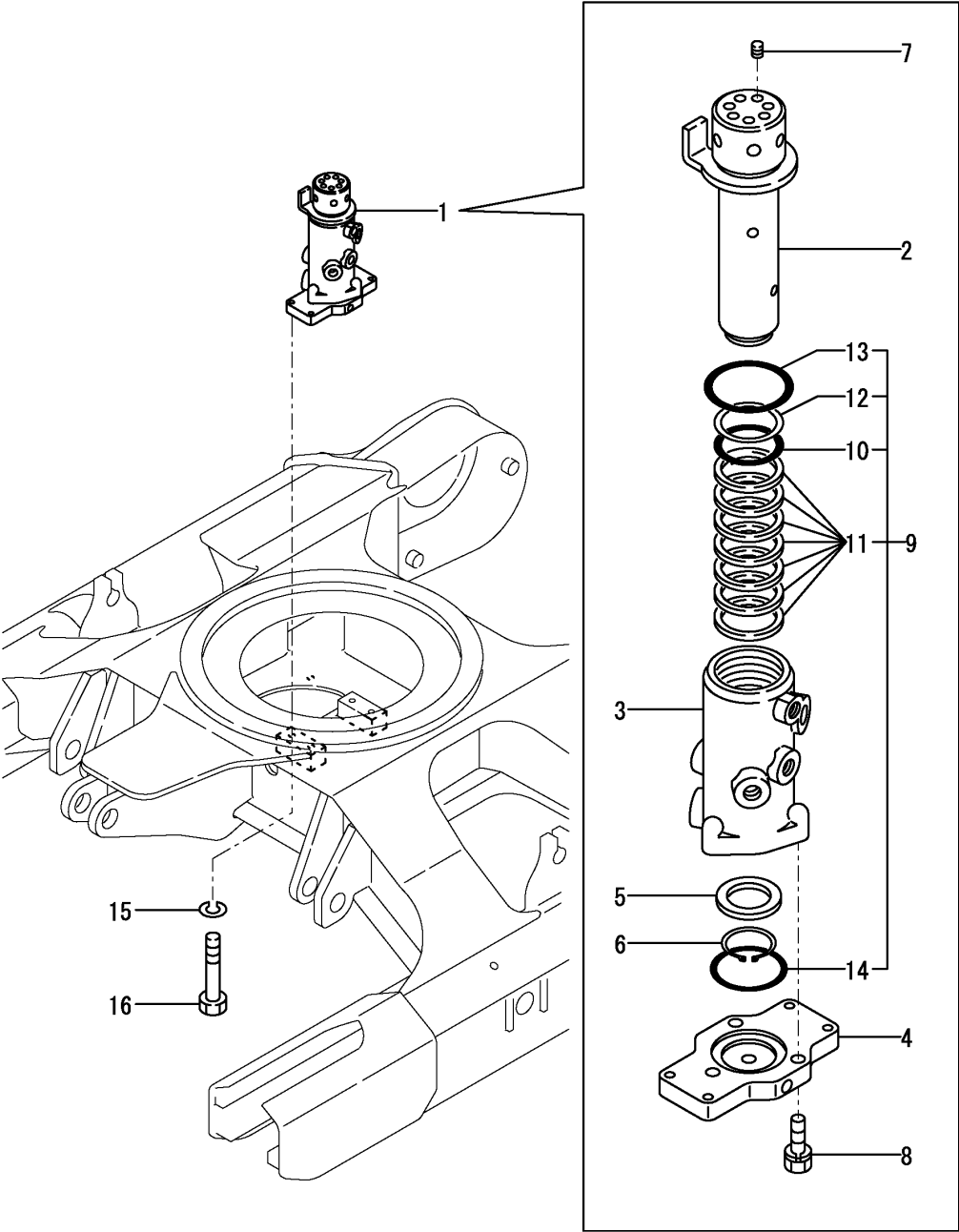
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-73711	MOTOR ASSY, TURNING	1	1	1					
2	2	172124-70390	BOLT, SOCKET	2	2	2					
3	2	172458-73400	GEAR ASSY, REDUCTION	1	1	1					
4	3	1A6240-37360	PLUG	1	1	1					
5	3	172450-73830	COLLAR	1	1	1					
6	3	172450-73850	WASHER, THRUST	3	3	3					
7	3	172450-73860	INNER RACE	3	3	3					
8	3	172450-73870	NEEDLE BEARING	3	3	3					
9	3	172458-73970	GEAR, PLANETARY	3	3	3					
10	3	172458-73980	PLATE, THRUST	1	1	1					
11	3	172458-73990	GEAR, DRIVE	1	1	1					
14	3	172458-74350	HOUSING ASSY	1	1	1					
15	4	172450-73750	SEAL, OIL	1	1	1					
28	4	172458-73960	COLLAR	1	1	1					
29	2	172457-73410	PISTON MOTOR	1	1	1					
30	3	1A6240-37360	PLUG	2	2	2					
32	3	172147-70280	COLLAR	1	1	1					
33	3	172148-70301	PLUG	1	1	1					
34	3	172147-70330	HOLDER, RETAINER	1	1	1					
35	3	172124-70380	ORIFICE	1	1	1					
36	3	172124-70390	BOLT, SOCKET	5	5	5					
37	3	172147-70390	BALL BEARING	1	1	1					
38	3	172147-70500	PLUG	2	2	2					
39	3	172122-70630	SNAP RING	1	1	1					
40	3	172122-73470	PIN	1	1	1					
41	3	172638-73470	SPRING	2	2	2					
42	3	172423-73530	RETAINER PLATE	1	1	1					
43	3	172459-73740	COVER	1	1	1					
44	3	172457-73780	RELIEF VALVE	2	2	2					
49	3	172458-74300	CASE	1	1	1					
50	3	172458-74310	BALL BEARING	1	1	1					
51	3	172458-74320	SHAFT	1	1	1					
52	3	172458-74330	PLATE, VALVE	1	1	1					
53	2	172450-77050	PLATE, THRUST	1	1	1					
54	3	172450-77070	SPRING	1	1	1					
55	3	172450-77080	WASHER	1	1	1					
56	3	172450-77090	PIN	3	3	3					
57	3	172450-77110	DISK	1	1	1					
58	3	172450-77120	PISTON, BRAKE	1	1	1					
59	3	172450-77130	SEAT, SPRING	2	2	2					
60	3	172450-77140	SPRING ASSY, DISK	1	1	1					
61	3	172450-77170	PIN	2	2	2					
62	3	172450-77190	CHECK VALVE	2	2	2					
69	3	172450-77220	KIT, CYLINDER BLOCK	1	1	1					
72	1	172458-74910	REPAIR KIT	1	1	1					
86	1	22217-140000	WASHER, SPRING 14	6	6	6					
87	1	26116-140452	BOLT, M14X 45 PLATED	6	6	6					

Fig.81. SWIVEL JOINT

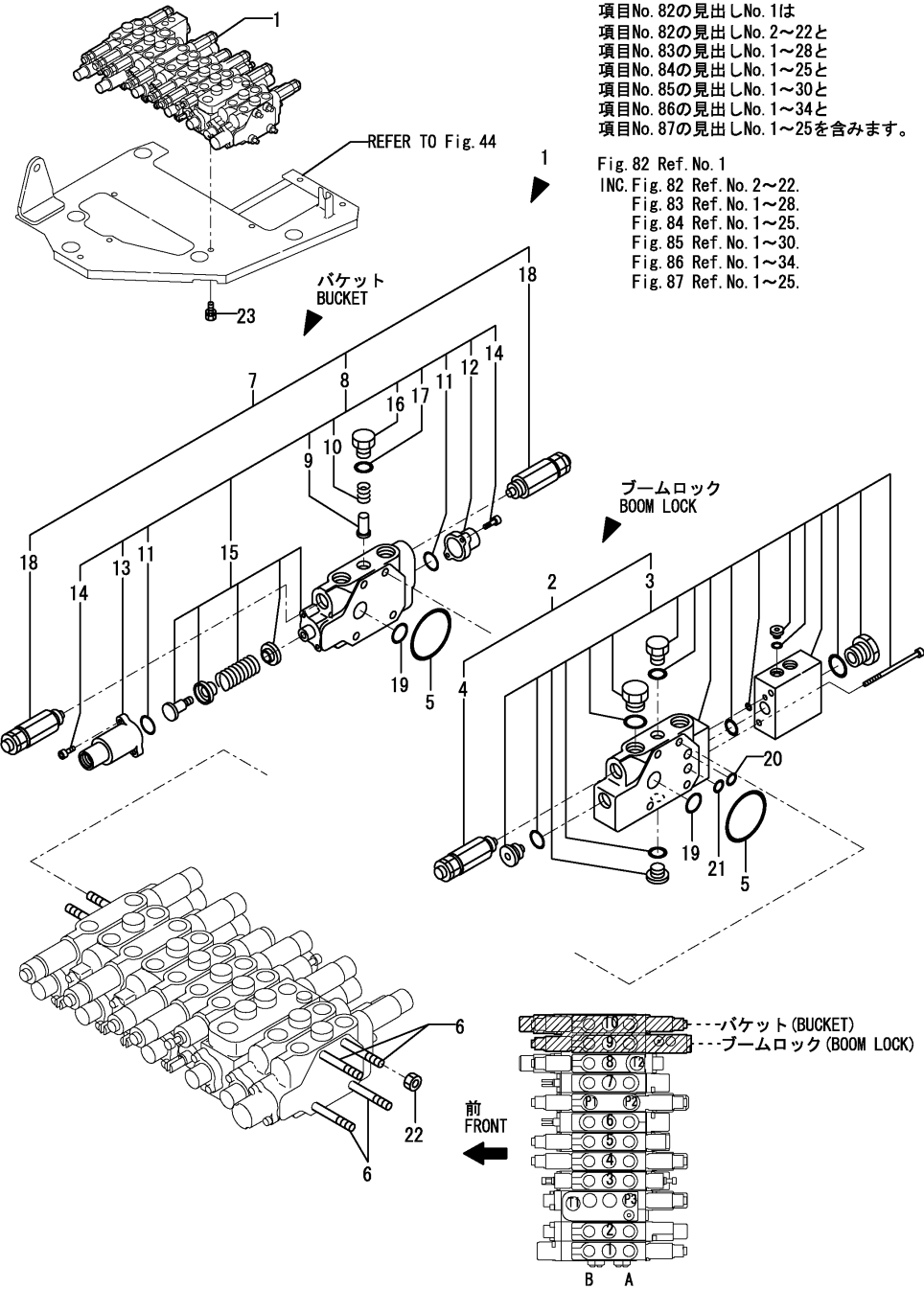


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73802	JOINT ASSY, SWIVEL	1	1	1					
1-1	1	172444-73803	JOINT ASSY, SWIVEL	1	1	1					R
(A=M/#35115) (B=M/#35115) (C=M/#35115)											
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1	1					
3	2	172444-73831	HUB, SWIVEL	1	1	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	3	172447-73840	SEAL	7	7	7					R
(A=M/#35115) (B=M/#35115) (C=M/#35115)											
12	3	172148-73870	RING EL, BACK 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	22217-100000	WASHER, SPRING 10	4	4	4					
16	1	26116-100652	BOLT, M10X 65 PLATED	4	4	4					

Fig.82. CONTROL VALVE(1/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

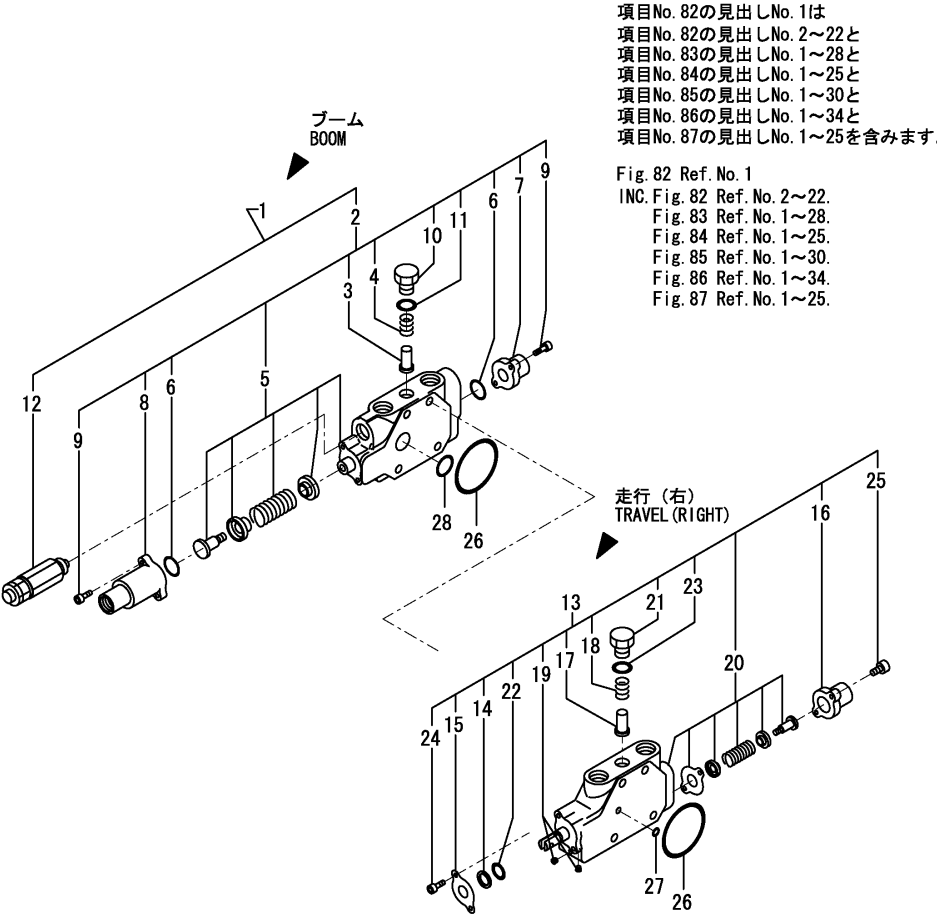


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-74101	VALVE ASSY, CONTROL	1	1	1					
2	2	172457-74290	SECTION, BOOM LOCK	1	1	1					
3	3	172457-74250	SECTION, BOOM LOCK	1	1	1					
4	3	172456-74440	VALVE, RELIEF	1	1	1					
5	2	172458-74720	O-RING	2	2	2					
6	2	172458-74730	BOLT L380	4	4	4					
7	2	172458-74860	SECTION, BUCKET	1	1	1					
8	3	172458-74610	SECTION ASSY, BUCKET	1	1	1					
9	4	172458-74150	VALVE, REVERSE	1	1	1					
10	4	172458-74160	SPRING, VALVE	1	1	1					
11	4	172458-74230	O-RING	2	2	2					
12	4	172458-74240	COVER, PILOT	1	1	1					
13	4	172458-74250	COVER, PILOT	1	1	1					
14	4	172458-74260	SWP HEX.BOLT 5X20	4	4	4					
15	4	172458-74620	SPOOL ASSY, BUCKET	1	1	1					
16	4	172458-74630	STAY, VALVE	1	1	1					
17	4	24315-000110	O-RING, 1BP11.0	1	1	1					
18	3	172458-74710	VALVE, RELIEF	2	2	2					
19	2	24311-000180	O-RING, 1AP18.0	2	2	2					
20	2	24315-000090	O-RING, 1BP9.0	1	1	1					
21	2	24315-000100	O-RING, 1BP10.0	1	1	1					
22	2	26716-080002	NUT, M8	4	4	4					
23	1	26013-100162	BOLT, M10X 16	3	3	3					

Fig.83. CONTROL VALVE(2/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74230	SECTION, BOOM	1	1	1					
2	3	172457-74170	SECTION ASSY, BOOM	1	1	1					
3	4	172458-74150	VALVE, REVERSE	1	1	1					
4	4	172458-74160	SPRING, VALVE	1	1	1					
5	4	172457-74180	SPOOL ASSY, BOOM	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	2	172458-74560	SECTION ASSY, TRAVEL	1	1	1					
14	3	172458-74130	DUST WIPER	1	1	1					
15	3	172458-74140	RETAINER, SEAL	1	1	1					
16	3	172458-74170	CAP, SPRING	1	1	1					
17	3	172458-74290	VALVE, REVERSE	1	1	1					
18	3	172458-74360	SPRING, VALVE	1	1	1					
19	3	172458-74460	PLUG GPM1/32	2	2	2					
20	3	172458-74570	SPOOL ASSY, TRAVEL	1	1	1					
21	3	172458-74640	STAY, VALVE	1	1	1					
22	3	24311-000120	O-RING, 1AP12.0	1	1	1					
23	3	24315-000110	O-RING, 1BP11.0	1	1	1					
24	3	26450-050102	BOLT, M5X 10	2	2	2					
25	3	26450-050182	BOLT, M5X 18	2	2	2					
26	2	172458-74720	O-RING	2	2	2					
27	2	24311-000060	O-RING, 1AP6.0	2	2	2					
28	2	24311-000180	O-RING, 1AP18.0	1	1	1					

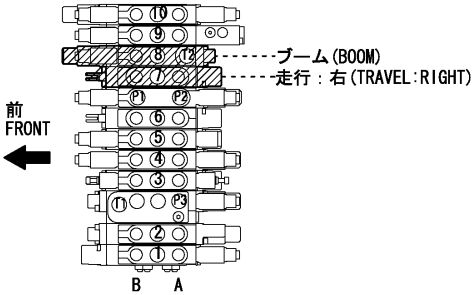


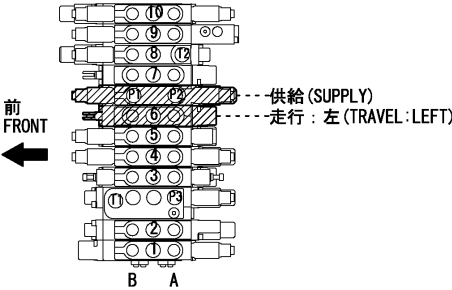
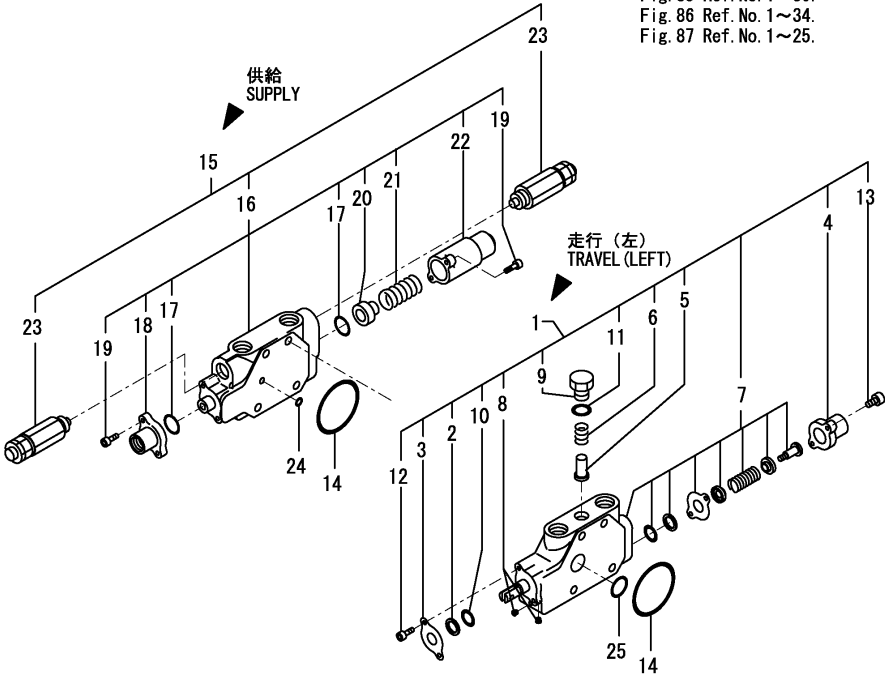
Fig.84. CONTROL VALVE(3/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

項目No. 82の見出しNo. 1は
項目No. 82の見出しNo. 2～22と
項目No. 83の見出しNo. 1～28と
項目No. 84の見出しNo. 1～25と
項目No. 85の見出しNo. 1～30と
項目No. 86の見出しNo. 1～34と
項目No. 87の見出しNo. 1～25を含みます。

Fig. 82 Ref. No. 1
INC. Fig. 82 Ref. No. 2～22.
Fig. 83 Ref. No. 1～28.
Fig. 84 Ref. No. 1～25.
Fig. 85 Ref. No. 1～30.
Fig. 86 Ref. No. 1～34.
Fig. 87 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-74440	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	172458-74290	VALVE, REVERSE	1	1	1					
6	3	172458-74360	SPRING, VALVE	1	1	1					
7	3	172458-74450	SPOOL ASSY, TRAVEL	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	172458-74720	O-RING	2	2	2					
15	2	172458-74820	PART,SUPPLY	1	1	1					
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	3	172458-74680	RELIEF 210/30	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					

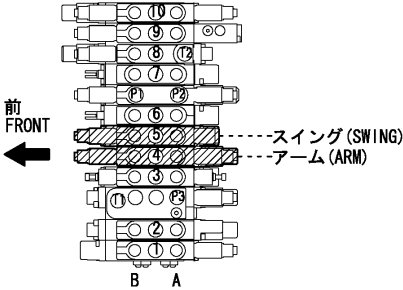
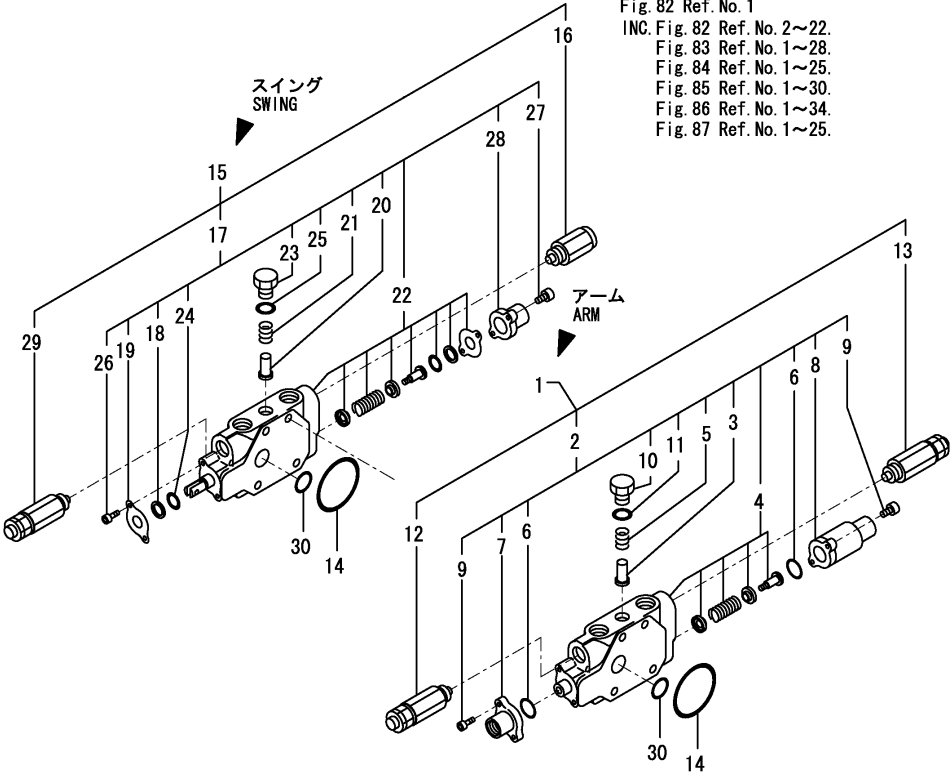
Fig.85. CONTROL VALVE(4/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

項目No. 82の見出しNo. 1は
項目No. 82の見出しNo. 2～22と
項目No. 83の見出しNo. 1～28と
項目No. 84の見出しNo. 1～25と
項目No. 85の見出しNo. 1～30と
項目No. 86の見出しNo. 1～34と
項目No. 87の見出しNo. 1～25を含みます。

Fig. 82 Ref. No. 1
INC. Fig. 82 Ref. No. 2～22.
Fig. 83 Ref. No. 1～28.
Fig. 84 Ref. No. 1～25.
Fig. 85 Ref. No. 1～30.
Fig. 86 Ref. No. 1～34.
Fig. 87 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74220	SECTION, ARM	1	1	1					
2	3	172457-74150	SECTION ASSY, ARM	1	1	1					
3	4	172458-74150	VALVE, REVERSE	1	1	1					
4	4	172457-74160	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	172458-74710	VALVE, RELIEF	1	1	1					
14	2	172458-74720	O-RING	2	2	2					
15	2	172458-74800	SECTION, SWING	1	1	1					
16	3	172447-74230	ANTI-CAVITATION	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	3	172458-74710	VALVE, RELIEF	1	1	1					
30	2	24311-000180	O-RING, 1AP18.0	2	2	2					

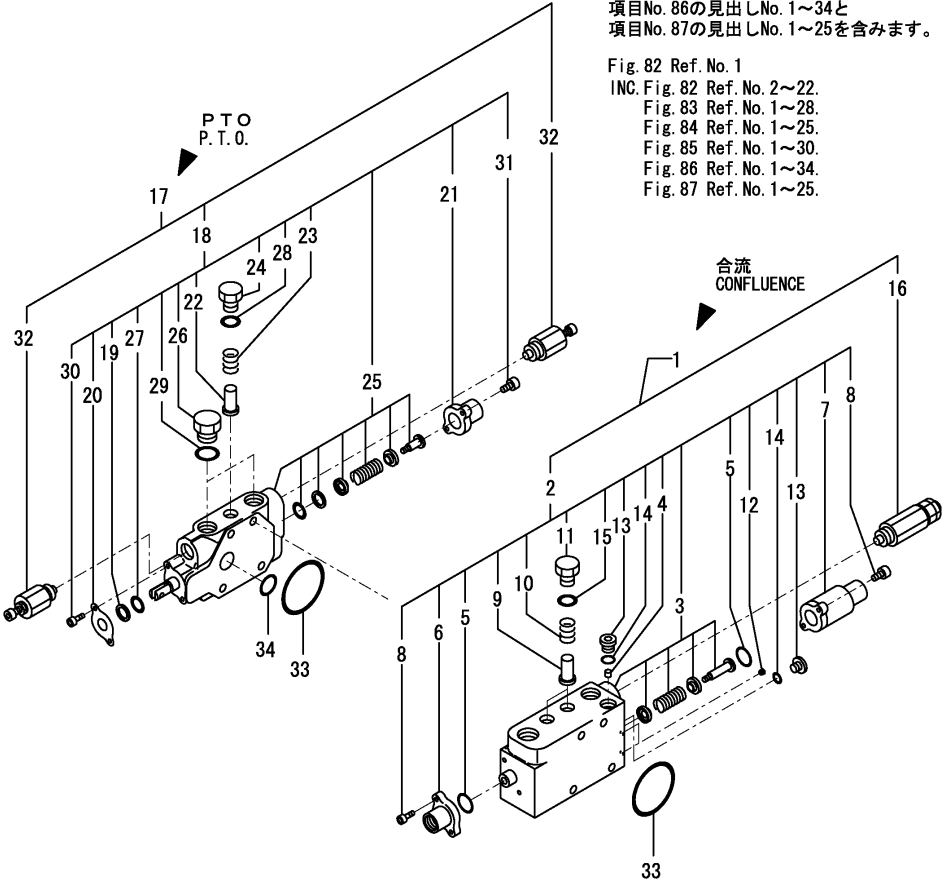
Fig.86. CONTROL VALVE(5/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

項目No. 82の見出しNo. 1は
項目No. 82の見出しNo. 2～22と
項目No. 83の見出しNo. 1～28と
項目No. 84の見出しNo. 1～25と
項目No. 85の見出しNo. 1～30と
項目No. 86の見出しNo. 1～34と
項目No. 87の見出しNo. 1～25を含みます。

Fig. 82 Ref. No. 1
INC. Fig. 82 Ref. No. 2～22.
Fig. 83 Ref. No. 1～28.
Fig. 84 Ref. No. 1～25.
Fig. 85 Ref. No. 1～30.
Fig. 86 Ref. No. 1～34.
Fig. 87 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74210	SECTION, CONFLUENE	1	1	1					
2	3	172457-74130	SECTION ASSY	1	1	1					
3	4	172457-74140	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	172458-74690	RELIEF 210/19	1	1	1					
17	2	172457-74280	SECTION ASSY, PTO	1	1	1					
18	3	172457-74310	SECTION ASSY, PTO	1	1	1					
19	4	172458-74130	DUST WIPER	1	1	1					
20	4	172458-74140	RETAINER, SEAL	1	1	1					
21	4	172458-74170	CAP, SPRING	1	1	1					
22	4	172490-74310	VALVE, REVERSE	1	1	1					
23	4	172490-74320	SPRING, VALVE	1	1	1					
24	4	172490-74330	STAY, VALVE	1	1	1					
25	4	172458-74390	SPOOL ASSY, PTO	1	1	1					
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					

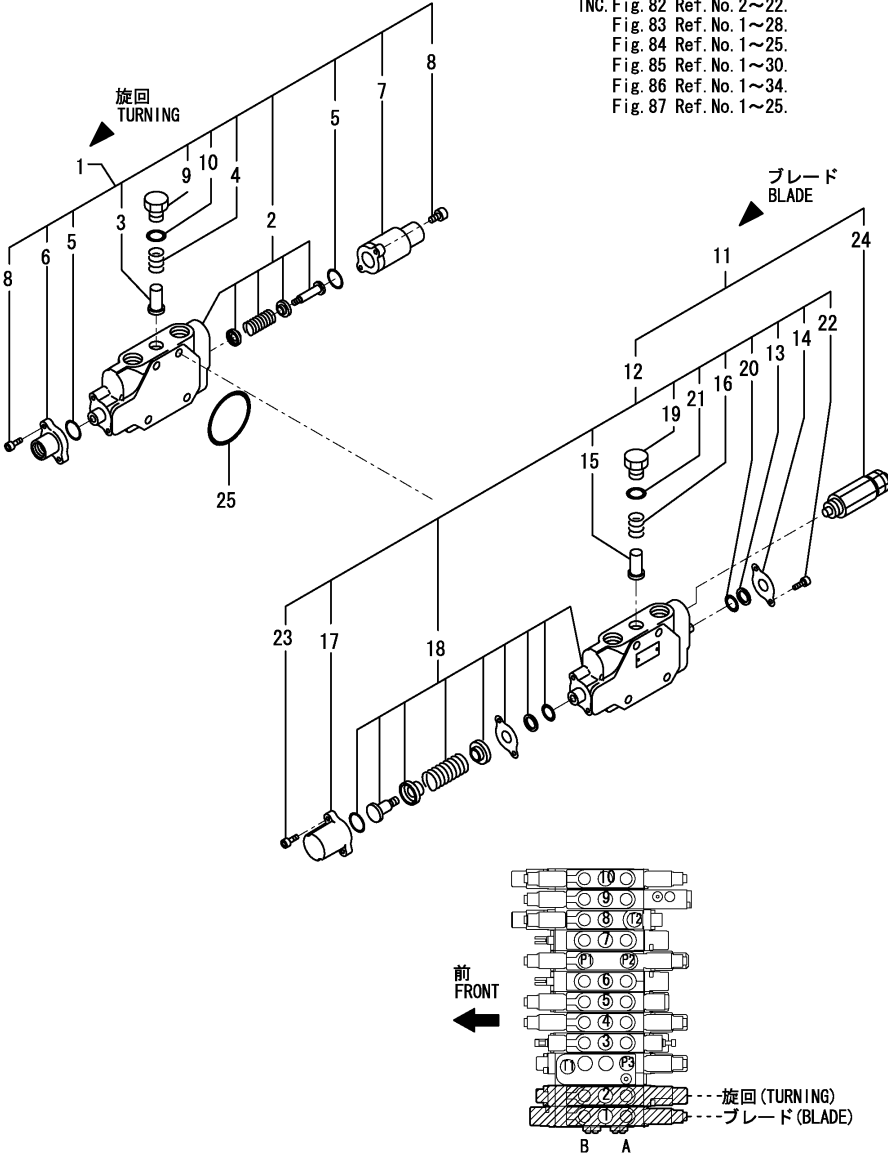
Fig.87. CONTROL VALVE(6/6)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

項目No. 82の見出しNo. 1は
項目No. 82の見出しNo. 2～22と
項目No. 83の見出しNo. 1～28と
項目No. 84の見出しNo. 1～25と
項目No. 85の見出しNo. 1～30と
項目No. 86の見出しNo. 1～34と
項目No. 87の見出しNo. 1～25を含みます。

Fig. 82 Ref. No. 1
INC. Fig. 82 Ref. No. 2～22.
Fig. 83 Ref. No. 1～28.
Fig. 84 Ref. No. 1～25.
Fig. 85 Ref. No. 1～30.
Fig. 86 Ref. No. 1～34.
Fig. 87 Ref. No. 1～25.

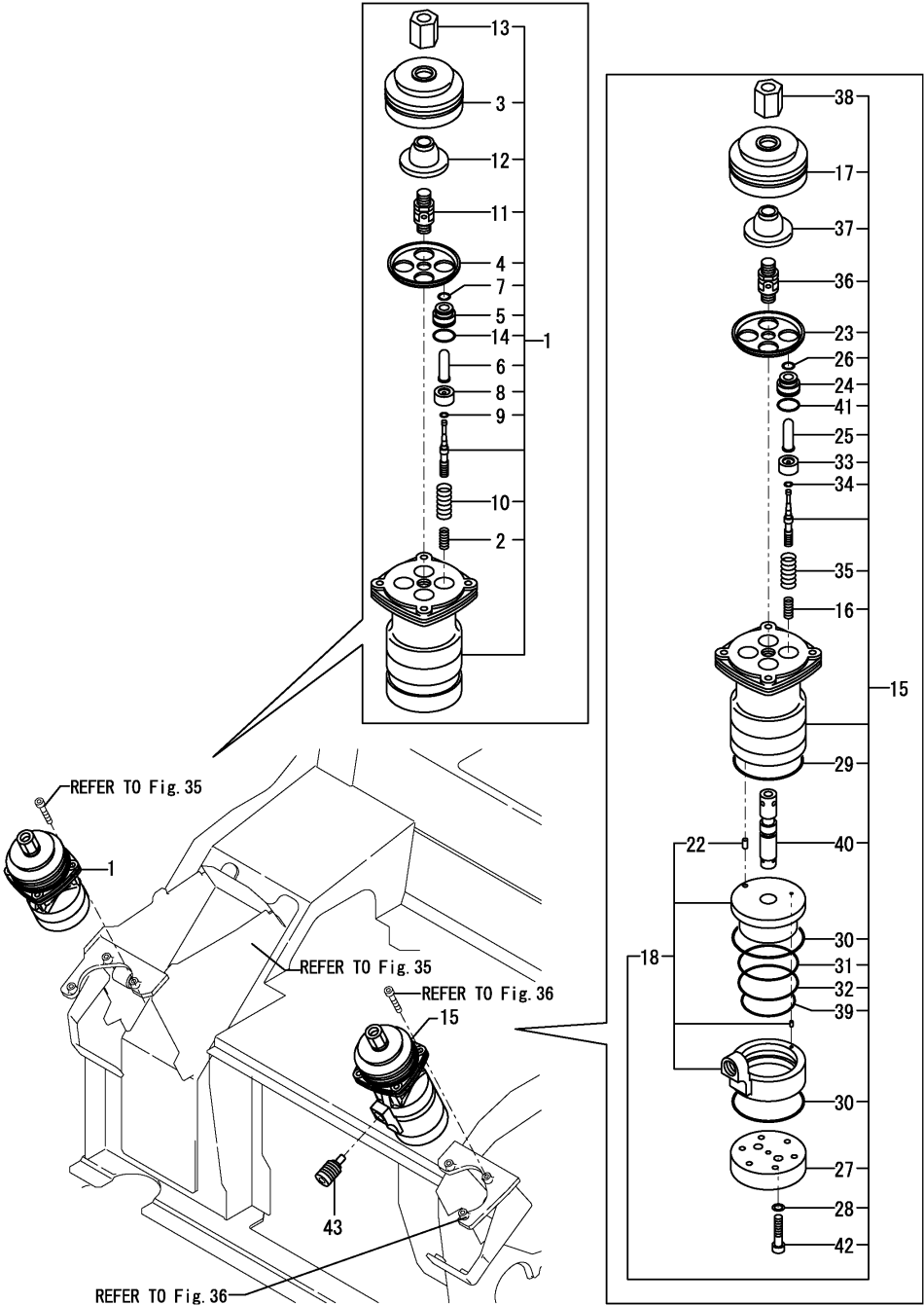


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74110	SECTION ASSY	1	1	1					
2	3	172457-74120	SPOOL ASSY, SWING	1	1	1					
3	3	172458-74150	VALVE, REVERSE	1	1	1					
4	3	172458-74160	SPRING, VALVE	1	1	1					
5	3	172458-74230	O-RING	2	2	2					
6	3	172458-74240	COVER, 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	172457-74260	SECTION ASSY, BLADE	1	1	1					
12	3	172457-74270	SPOOL ASSY, BLADE	1	1	1					
13	4	172458-74130	DUST WIPER	1	1	1					
14	4	172458-74140	RETAINER, SEAL	1	1	1					
15	4	172458-74150	VALVE, REVERSE	1	1	1					
16	4	172458-74160	SPRING, VALVE	1	1	1					
17	4	172458-74170	CAP, SPRING	1	1	1					
18	4	172457-74300	SPOOL ASSY, BLADE	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					

Fig.88. REMOTE CONTROL VALVE(STANDARD SPEC.)

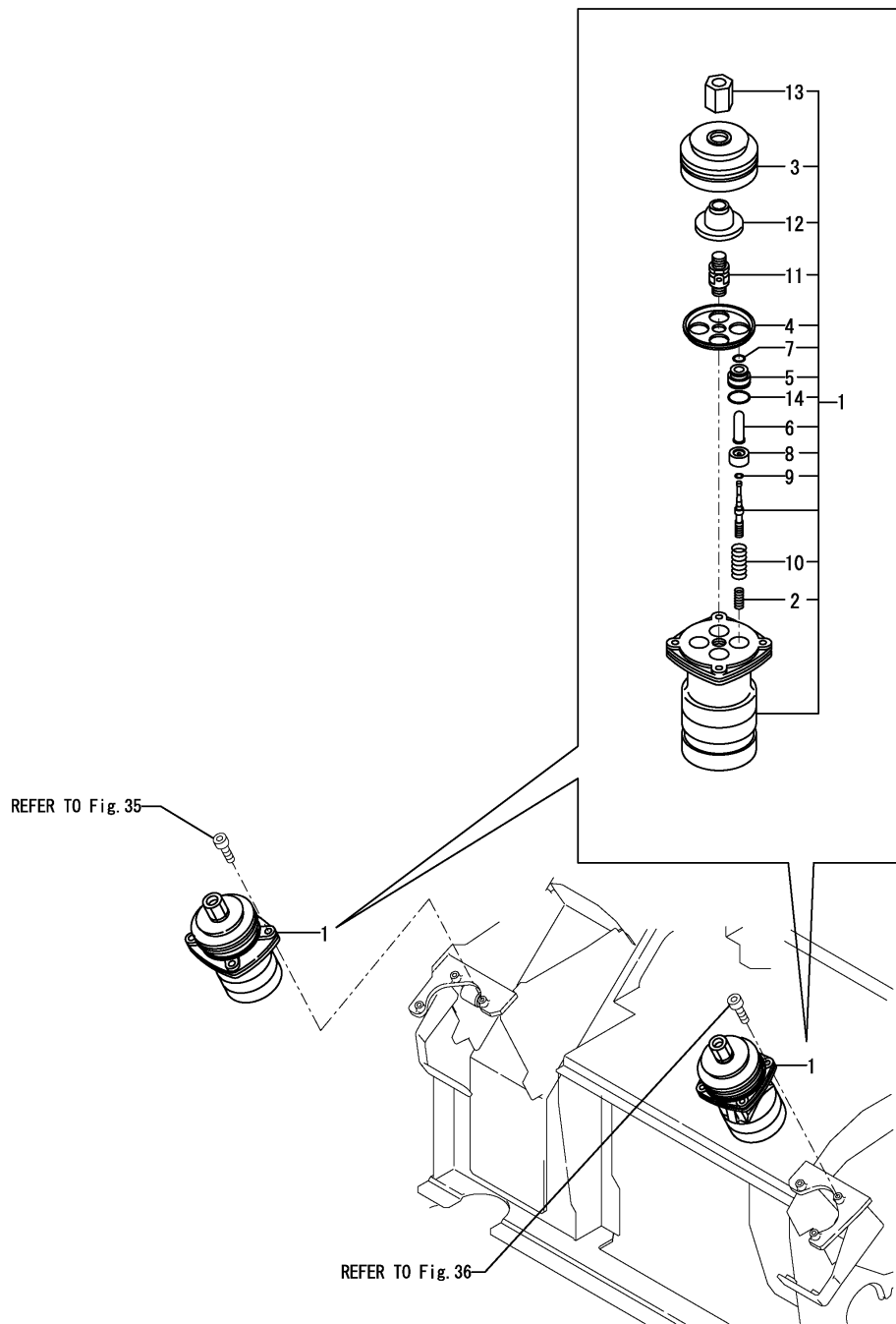
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

(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	1					
2	2	172455-74240	SPRING	4	4	4					
3	2	172455-74710	BELLOWS	1	1	1					
4	2	172448-74760	PLATE	1	1	1					
5	2	172448-74770	PLUG	4	4	4					
6	2	172448-74780	ROD Q,PUSH	4	4	4					
7	2	172448-74790	SEAL	4	4	4					
8	2	172448-74910	SEAT, SPRING	4	4	4					
9	2	172448-74920	WASHER	4	4	4					
10	2	172448-74930	SPRING	4	4	4					
11	2	172448-74950	JOINT	1	1	1					
12	2	172448-74960	PLATE, CIRCLE	1	1	1					
13	2	172448-74970	NUT, ADJUST	1	1	1					
14	2	24315-000200	O-RING, 1BP20.0	4	4	4					
15	1	172458-74500	REMO-CON.VALVE M2	1	1	1					
16	2	172455-74240	SPRING	4	4	4					
17	2	172455-74710	BELLOWS	1	1	1					
18	2	172448-74720	SLEEVE, SPOOL	1	1	1					
22	3	22351-050010	PIN, SPRING 5.0X10	1	1	1					
23	2	172448-74760	PLATE	1	1	1					
24	2	172448-74770	PLUG	4	4	4					
25	2	172448-74780	ROD Q,PUSH	4	4	4					
26	2	172448-74790	SEAL	4	4	4					
27	2	172448-74810	PLATE, PORT	1	1	1					
28	2	172448-74820	PACKING	2	2	2					
29	2	172448-74830	O-RING	1	1	1					
30	2	172448-74860	O-RING	2	2	2					
31	2	172448-74870	O-RING	1	1	1					
32	2	172448-74880	O-RING	1	1	1					
33	2	172448-74910	SEAT, SPRING	4	4	4					
34	2	172448-74920	WASHER	4	4	4					
35	2	172448-74930	SPRING	4	4	4					
36	2	172448-74950	JOINT	1	1	1					
37	2	172448-74960	PLATE, CIRCLE	1	1	1					
38	2	172448-74970	NUT, ADJUST	1	1	1					
39	2	172448-74980	O-RING	1	1	1					
40	2	172448-74990	DISTANZBUCHSE	1	1	1					
41	2	24315-000200	O-RING, 1BP20.0	4	4	4					
42	2	26450-080652	BOLT, M8X 65	2	2	2					
43	1	172448-74730	PLUG	1	1	1					

Fig.89. REMOTE CONTROL VALVE(4-WAY SPEC.)

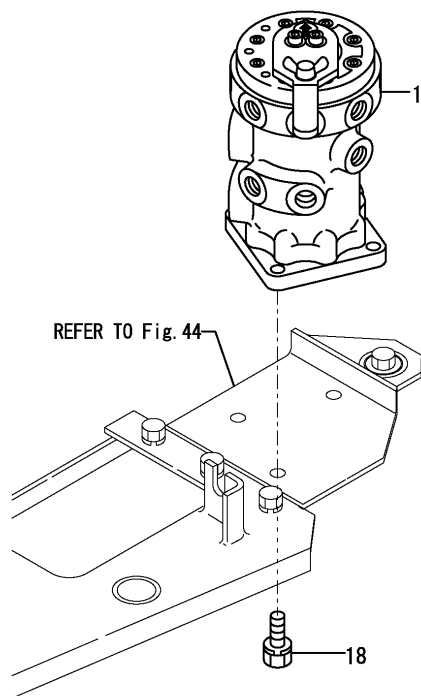
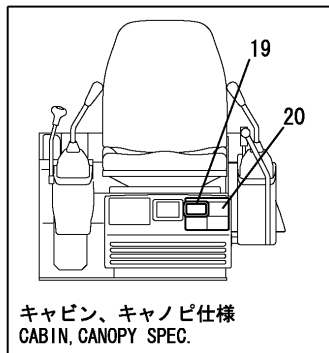


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

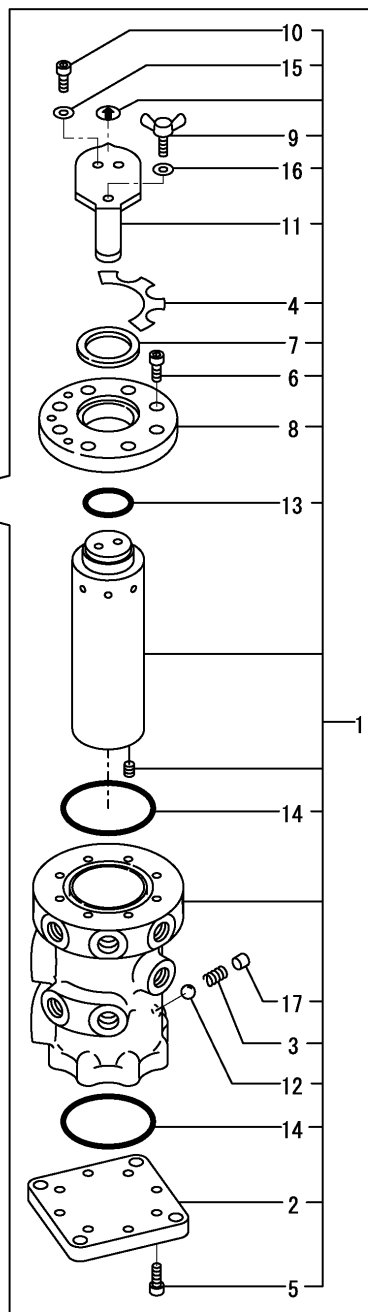
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-74701	VALVE ASSY, REMO.CON	2	2						
2	2	172455-74240	SPRING	8	8						
3	2	172455-74710	BELLOWS	2	2						
4	2	172448-74760	PLATE	2	2						
5	2	172448-74770	PLUG	8	8						
6	2	172448-74780	ROD Q,PUSH	8	8						
7	2	172448-74790	SEAL	8	8						
8	2	172448-74910	SEAT, SPRING	8	8						
9	2	172448-74920	WASHER	8	8						
10	2	172448-74930	SPRING	8	8						
11	2	172448-74950	JOINT	2	2						
12	2	172448-74960	PLATE, CIRCLE	2	2						
13	2	172448-74970	NUT, ADJUST	2	2						
14	2	24315-000200	O-RING, 1BP20.0	8	8						

Fig.90. ROTARY VALVE(4-WAY SPEC.)

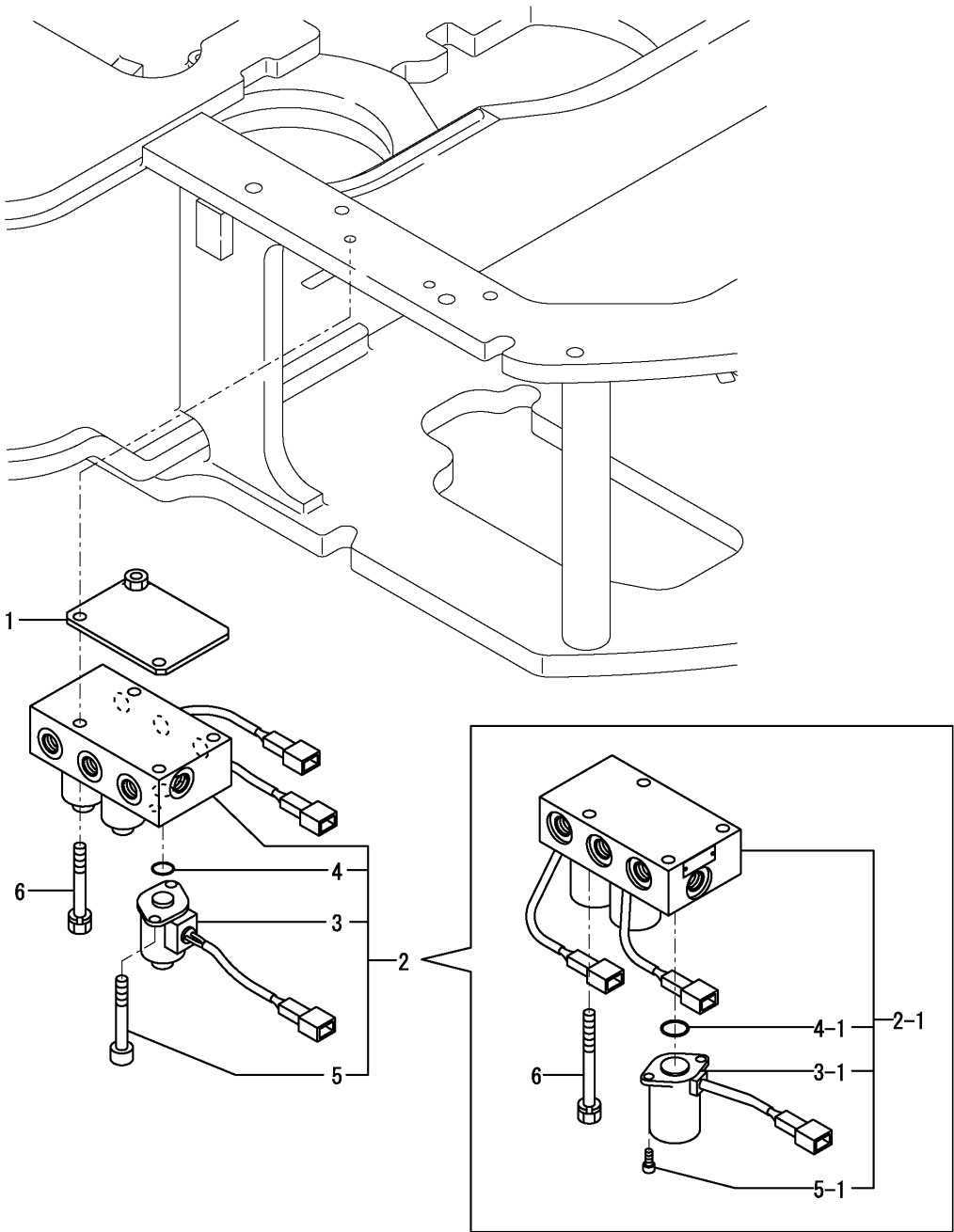


172A04-08510
4ウェイマルチバルブキットは、
項目NO.127を参照下さい。
4-WAY MULTI VALVE KIT
is shown in Fig.127.



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.91. SOLENOID VALVE(CRANE SPEC.)

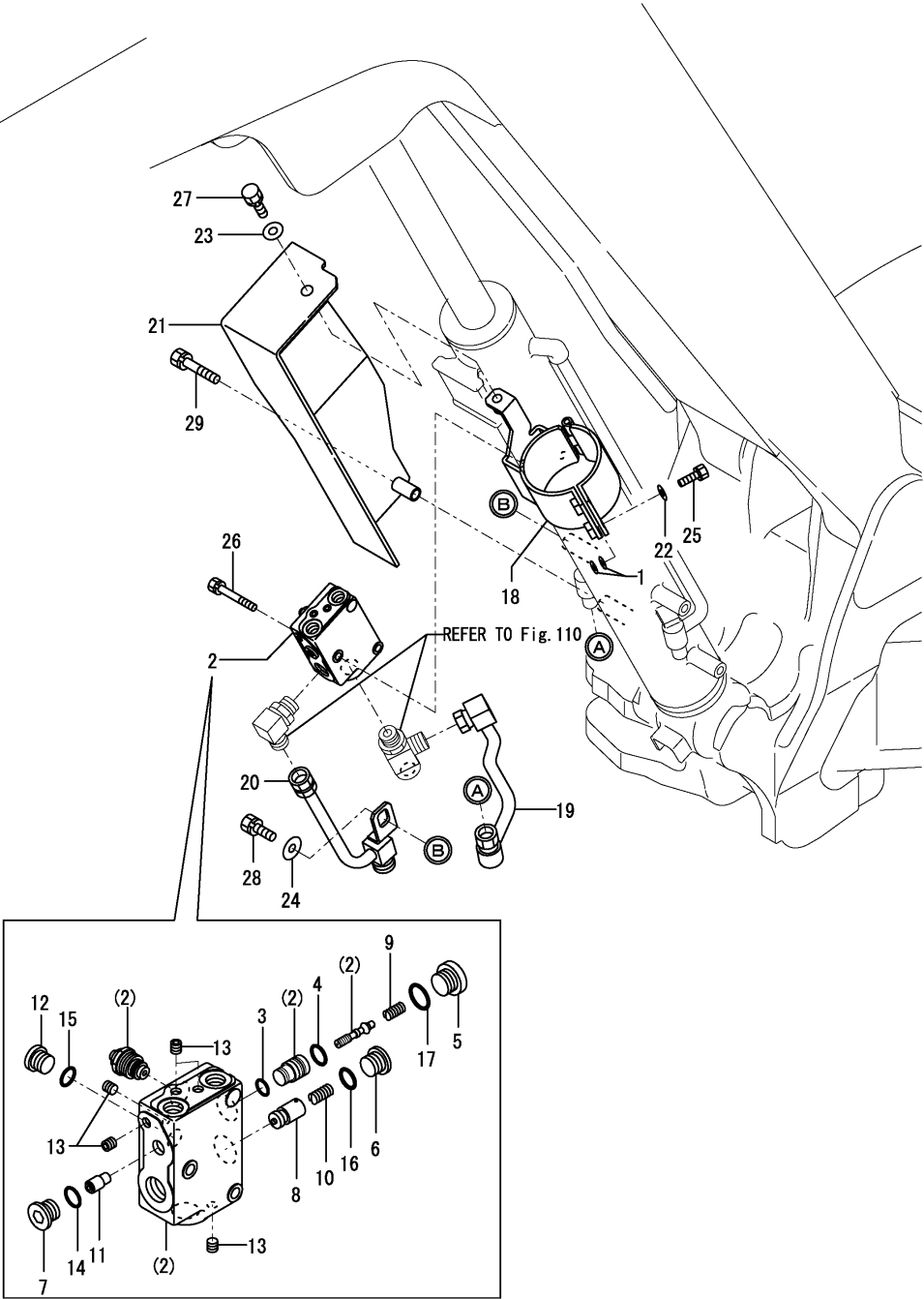


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

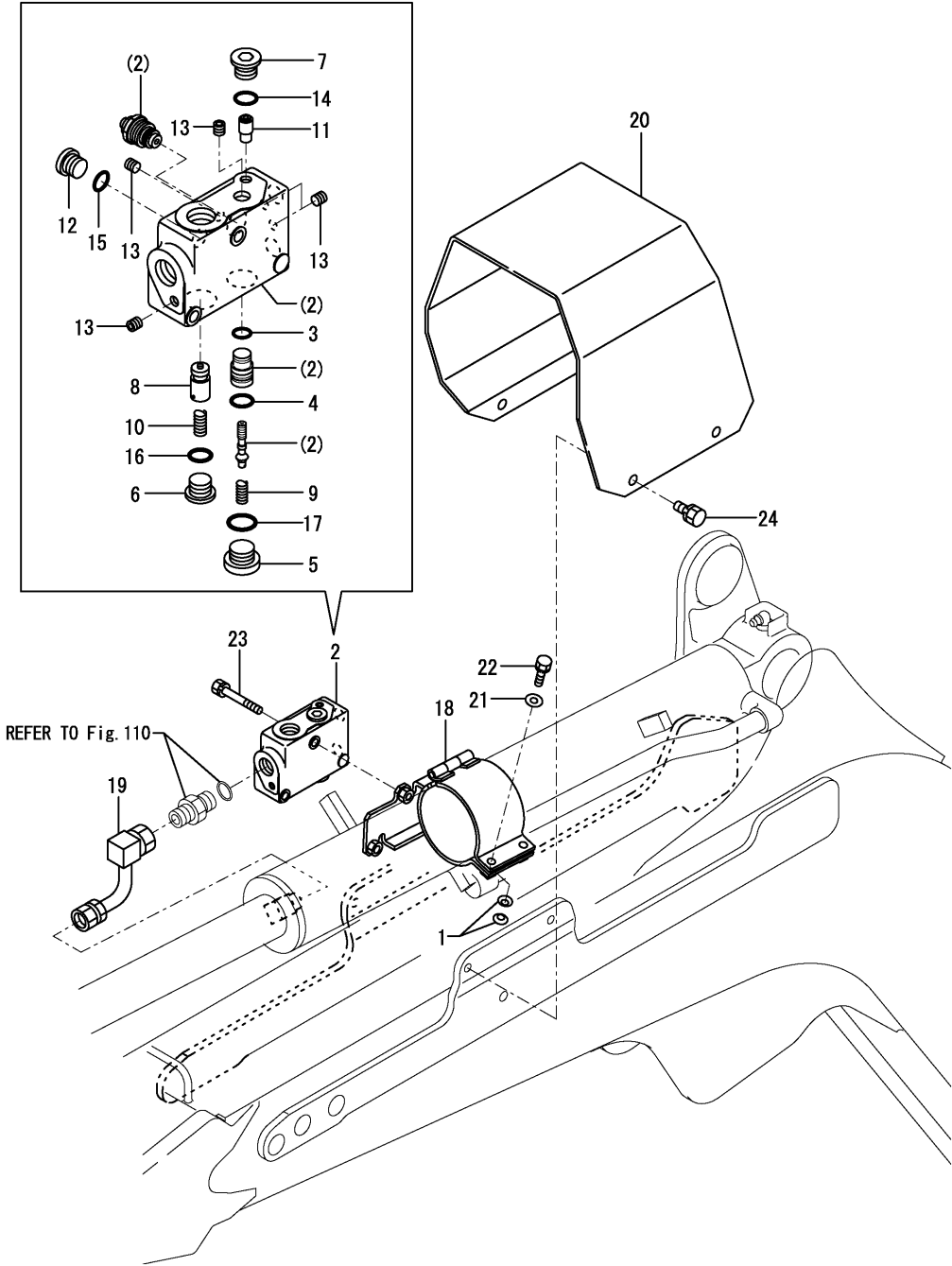
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-71300	BRACKET ASSY,SOL	1	1						
2	1	172187-77111	VALVE, SOLENOID	1	1						
2-1	1	172187-77112	VALVE ASSY, SOLENOID	1	1						N
		(A=MZZZZZ) (B=MZZZZZ)									
3	2	172649-74040	SOLENOID	3	3						Z
		(A=MZZZZZ) (B=MZZZZZ)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

Fig.92. HOLD VALVE(BOOM : CRANE SPEC.)



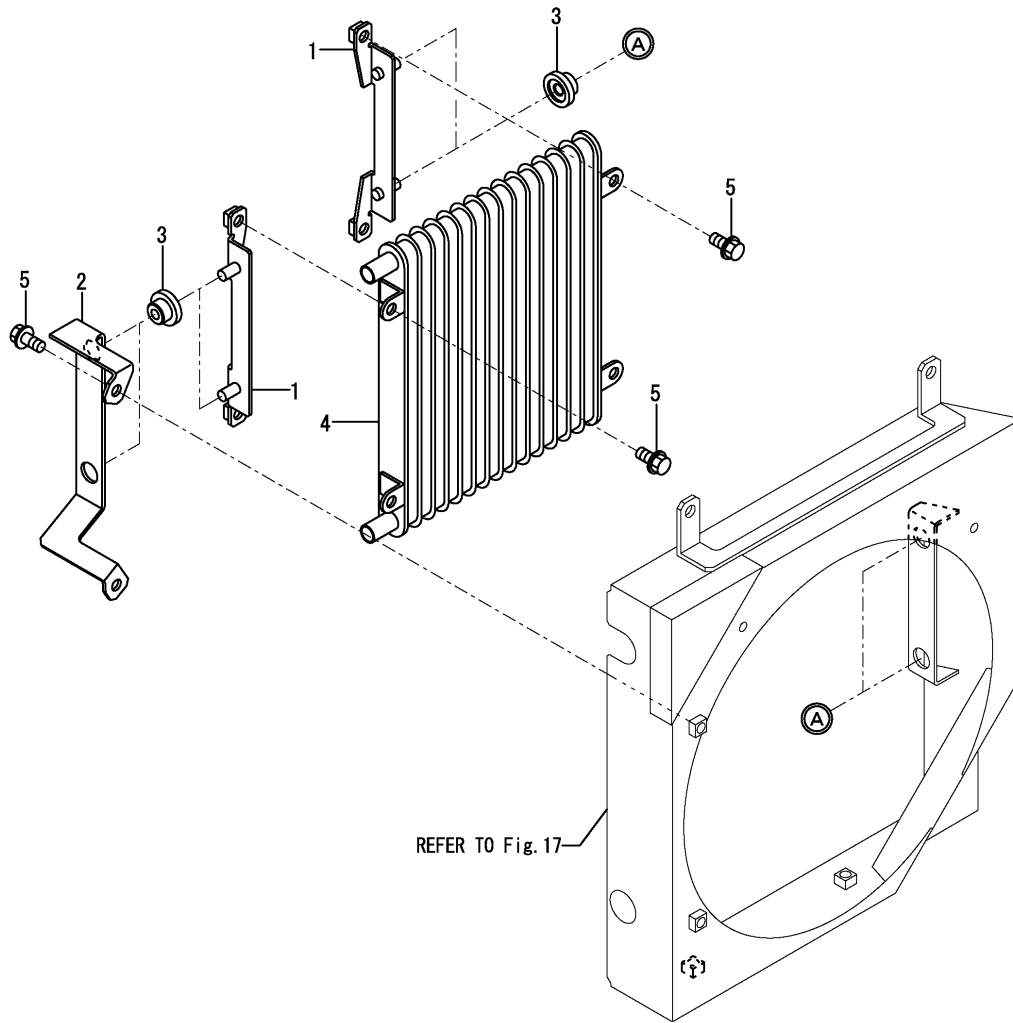
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING	4	4						
2	1	172A25-74400	HOLD VALVE,BOOM&ARM	1	1						
2-1	1	172A25-74401	HOLD VALVE,BOOM&ARM	1	1						N
(B=M/#31112)											
3	2	172A25-74420	O-RING	1	1						
4	2	172A25-74430	O-RING	1	1						
5	2	172A25-74440	PLUG	1	1						
6	2	172A25-74450	PLUG	1	1						
7	2	172A25-74460	PLUG	1	1						
8	2	172A25-74470	POPPET	1	1						
9	2	172A25-74480	SPRING	1	1						
10	2	172A25-74490	SPRING	1	1						
11	2	172A25-74500	PISTON	1	1						
11-1	2	172A25-74501	PISTON	1	1						N
(B=M/#31112)											
12	2	172455-77140	PLUG	1	1						
13	2	172455-77150	PLUG	5	5						
14	2	24315-000100	O-RING, 1BP10.0	1	1						
15	2	24315-000110	O-RING, 1BP11.0	1	1						
16	2	24315-000140	O-RING, 1BP14.0	1	1						
17	2	24315-000160	O-RING, 1BP16.0	1	1						
18	1	172A24-77100	BAND ASSY,BOOM K	1	1						
19	1	172A25-77200	TUBE, BOOM	1	1						
20	1	172A25-77221	TUBE, BOOM	1	1						
21	1	172A25-77250	COVER, BOOM	1	1						
22	1	22137-080000	WASHER, 8	2	2						
23	1	22137-100000	WASHER, 10	2	2						
24	1	22157-100000	WASHER, 10	2	2						
25	1	26013-080252	BOLT, M8X 25	2	2						
26	1	26013-080552	BOLT, M8X 55	2	2						
27	1	26013-100252	BOLT, M10X 25	1	1						
28	1	26013-100252	BOLT, M10X 25	1	1						
29	1	26013-100502	BOLT, M10X 50	1	1						

Fig.93. HOLD VALVE(ARM : CRANE SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING		4						
2	1	172A25-74410	VALVE, HOLD ARM		1						
2-1	1	172A25-74401	HOLD VALVE,BOOM&ARM		1						N
(B=M/#31173)											
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	172A25-74500	PISTON		1						
11-1	2	172A25-74501	PISTON		1						N
(B=M/#31112)											
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	172A24-77200	BAND ASSY,ARM K		1						
19	1	172A24-77370	TUBE, ARM		1						
20	1	172A25-77391	COVER, ARM		1						
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						

Fig.94. OIL COOLER



REFER TO Fig. 17—

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

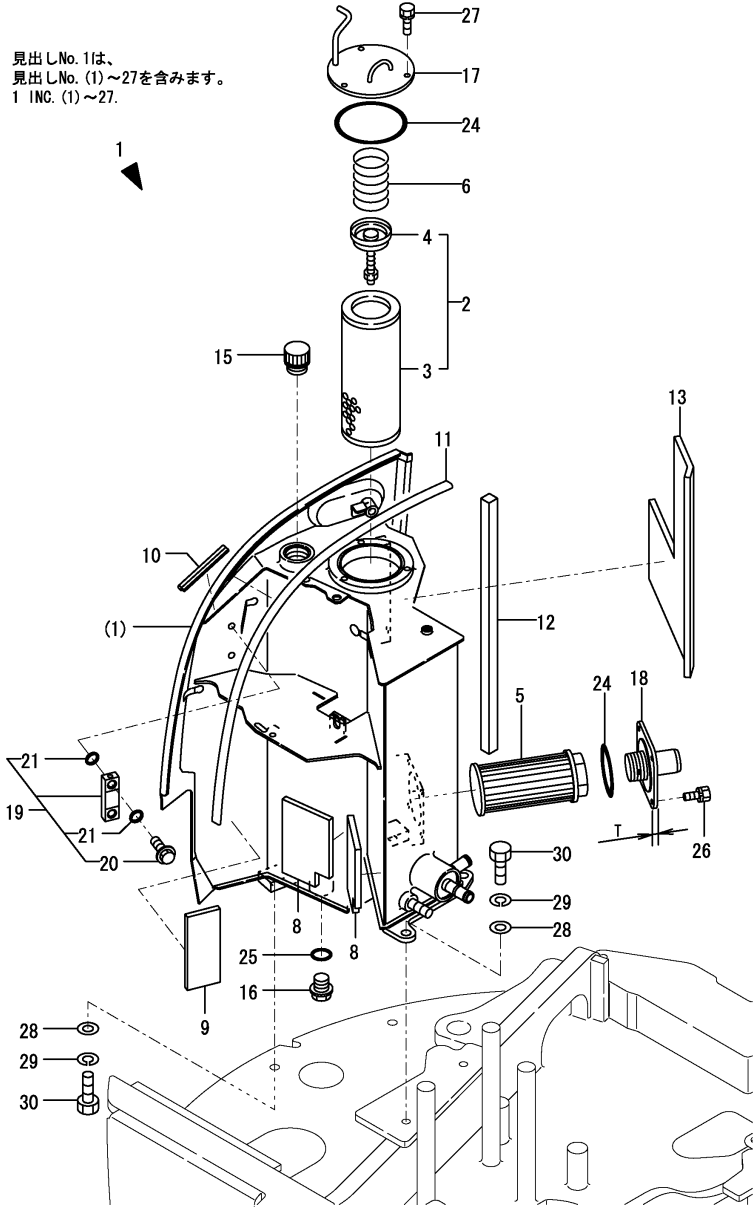
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172490-13160	BRACKET ASSY, O/C A	2	2	2					
2	1	172A25-13220	BRACKET B,O/C	1	1	1					
3	1	172446-13330	ABSOBER,SHOCK	4	4	4					
4	1	198138-49100	COOLER ASSY, OIL	1	1	1					
5	1	26106-100202	BOLT, M10X 20 PLATED	6	6	6					

Fig.95. HYD.OIL TANK

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

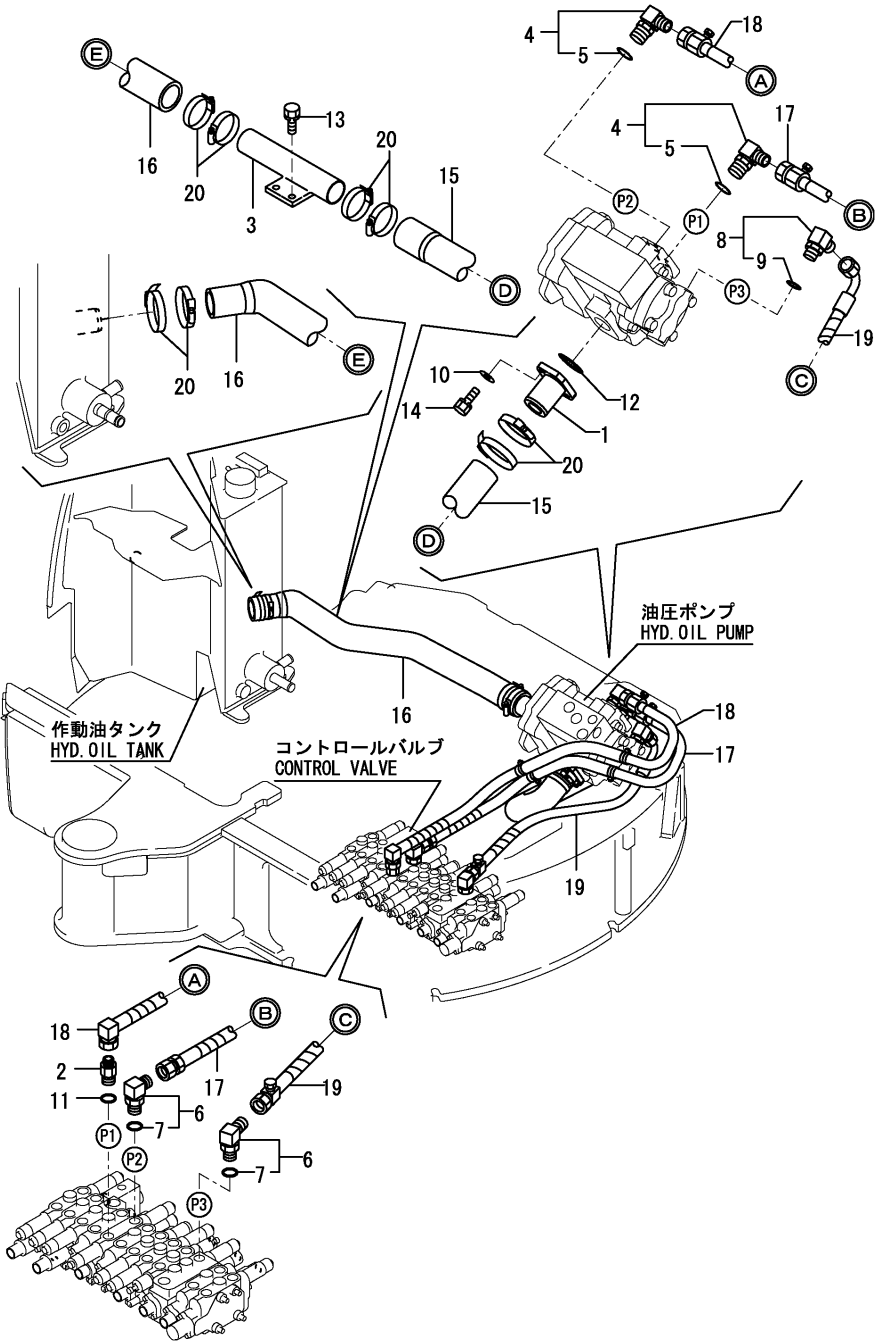
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772457-75101	TANK ASSY, RESERVOIR	1	1	1					
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	172458-14351	RUBBER PLATE-B,FO	2	2	2					
9	3	172458-14361	RUBBER PLATE-C,FO	1	1	1					
10	3	172434-61170	TRIM	1	1	1					
11	3	172444-65610	SEAL, BONNET	1	1	1					
12	3	172458-75050	SEAL	1	1	1					
13	3	172457-75080	SPONGE	1	1	1					
15	2	172446-75250	CAP, RESERVER	1	1	1					
16	2	172455-75330	DRAIN PLIG 24	1	1	1					
17	2	172458-75350	COVER	1	1	1					
18	2	172183-75410	FLANGE,SUCTION (ZN)	1	1	1					
18-1	2	172A46-75500	FRANGE, SUCTION	1	1	1				F	1
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
19	2	172447-75600	GAUGE ASSY	1	1	1					
20	3	172455-75290	BOLT M10	2	2	2					
21	3	172455-75300	O-RING	4	4	4					
24	2	24321-001050	O-RING, 1AG105.0	2	2	2					
25	2	24341-000300	O-RING, 1AS30.0	1	1	1					
26	2	26013-080162	BOLT, M8X 16	4	4	4					
26-1	2	26014-080252	BOLT, M8X 25	4	4	4				S	
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
27	2	26013-080202	BOLT, M8X 20	3	3	3					
28	1	22137-140000	WASHER, 14	4	4	4					
29	1	22217-140000	WASHER, SPRING 14	4	4	4					
30	1	26116-140402	BOLT, M14X 40 PLATED	4	4	4					

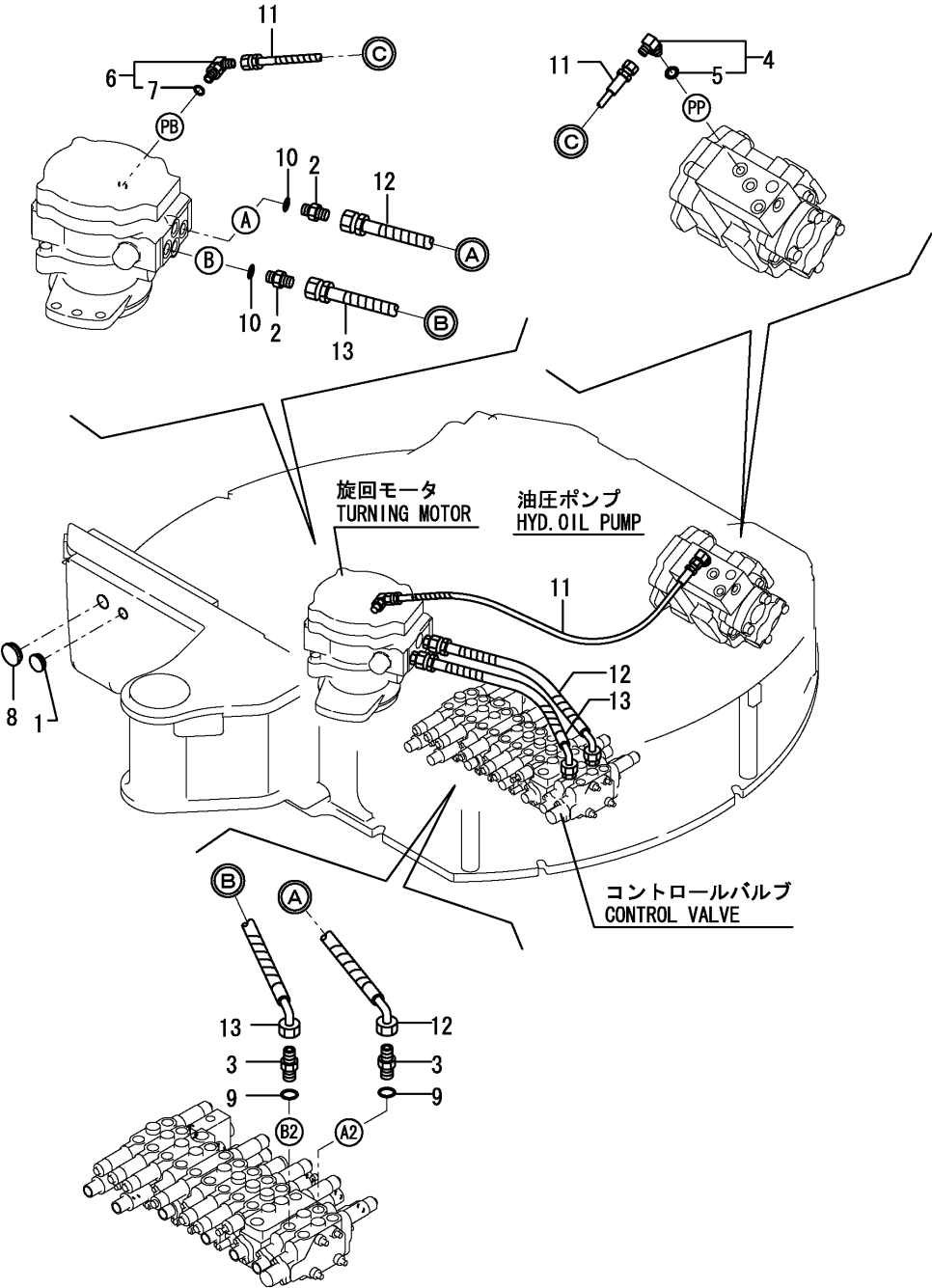
Remarks
(1)T=REF.NO.18 6MM, NO.18-1 12MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.26-1.

Fig.96. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76100	FLANGE	1	1	1					
2	1	172458-76170	CONNECTOR	1	1	1					
3	1	172444-76400	TUBE ASSY, SUCTION	1	1	1					
4	1	172645-76570	CONNECTOR ASSY	2	2	2					
5	2	24315-000140	O-RING, 1BP14.0	2	2	2					
6	1	172645-76570	CONNECTOR ASSY	2	2	2					
7	2	24315-000140	O-RING, 1BP14.0	2	2	2					
8	1	172A24-76900	CONNECTOR ASSY, 1/2	1	1	1					
9	2	24315-000180	O-RING, 1BP18.0	1	1	1					
10	1	22117-100000	WASHER, 10	4	4	4					
11	1	24315-000140	O-RING, 1BP14.0	1	1	1					
12	1	24321-000400	O-RING, 1AG40.0	1	1	1					
13	1	26013-100202	BOLT, M10X 20	2	2	2					
14	1	26013-100302	BOLT, M10X 30	4	4	4					
15	1	172458-78091	HOSE 39.5 X 52.5	1	1	1					
16	1	172458-78100	HOSE 42.5 X 55.2	1	1	1					
17	1	172A24-78110	HOSE H208BV084S	1	1	1					
18	1	172A24-78120	HOSE H208BB080S	1	1	1					
19	1	172A25-78130	HOSE H208BC062S	1	1	1					
20	1	23001-060000	CLAMP, HOSE 60	8	8	8					

Fig.97. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR)

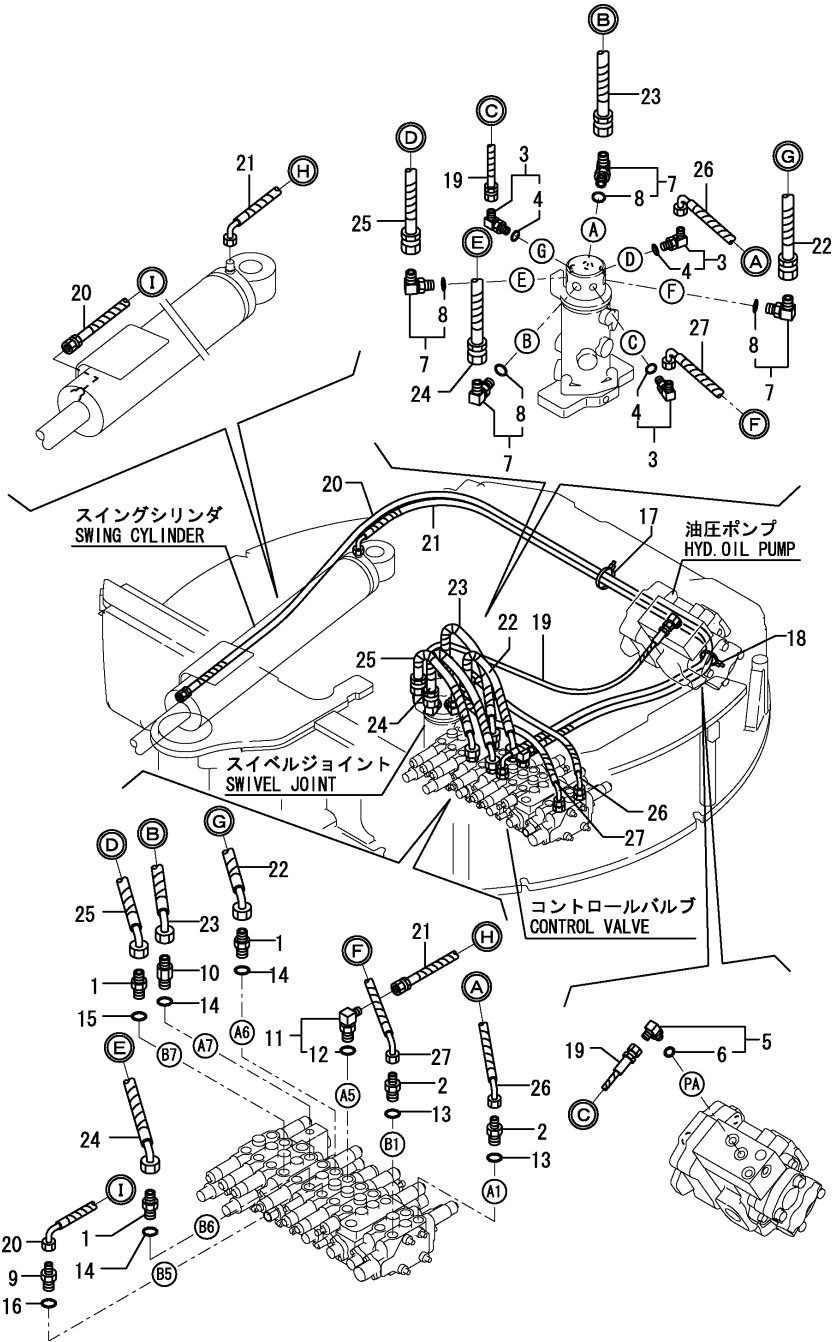


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172312-17260	GROMMET	1	1	1					
2	1	172730-75141	ADAPTER	2	2	2					
3	1	172162-76131	ADAPTER	2	2	2					
4	1	172141-76180	CONNECTOR ASSY	1	1	1					
5	2	24315-000110	O-RING, 1BP11.0	1	1	1					
6	1	172141-76180	CONNECTOR ASSY	1	1	1					
7	2	24315-000110	O-RING, 1BP11.0	1	1	1					
8	1	172142-76290	GROMMET, 28X2.3	1	1	1					
9	1	24315-000140	O-RING, 1BP14.0	2	2	2					
10	1	24315-000140	O-RING, 1BP14.0	2	2	2					
11	1	172457-78130	HOSE F403BB080S	1	1	1					
12	1	172458-78270	HOSE F206BC052S	1	1	1					
13	1	172458-78270	HOSE F206BC052S	1	1	1					

Fig.98. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT, SWING CYLINDER)

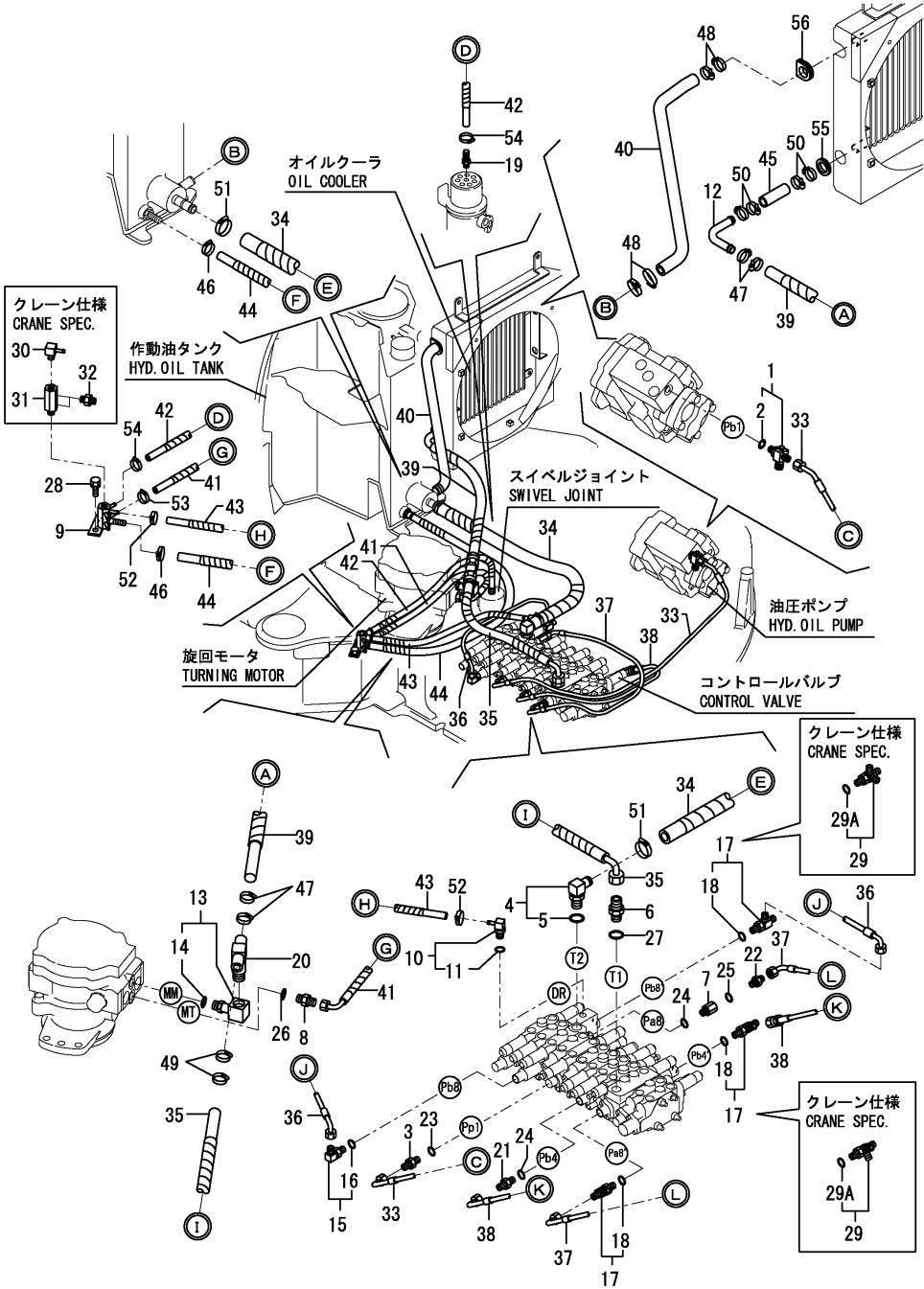
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



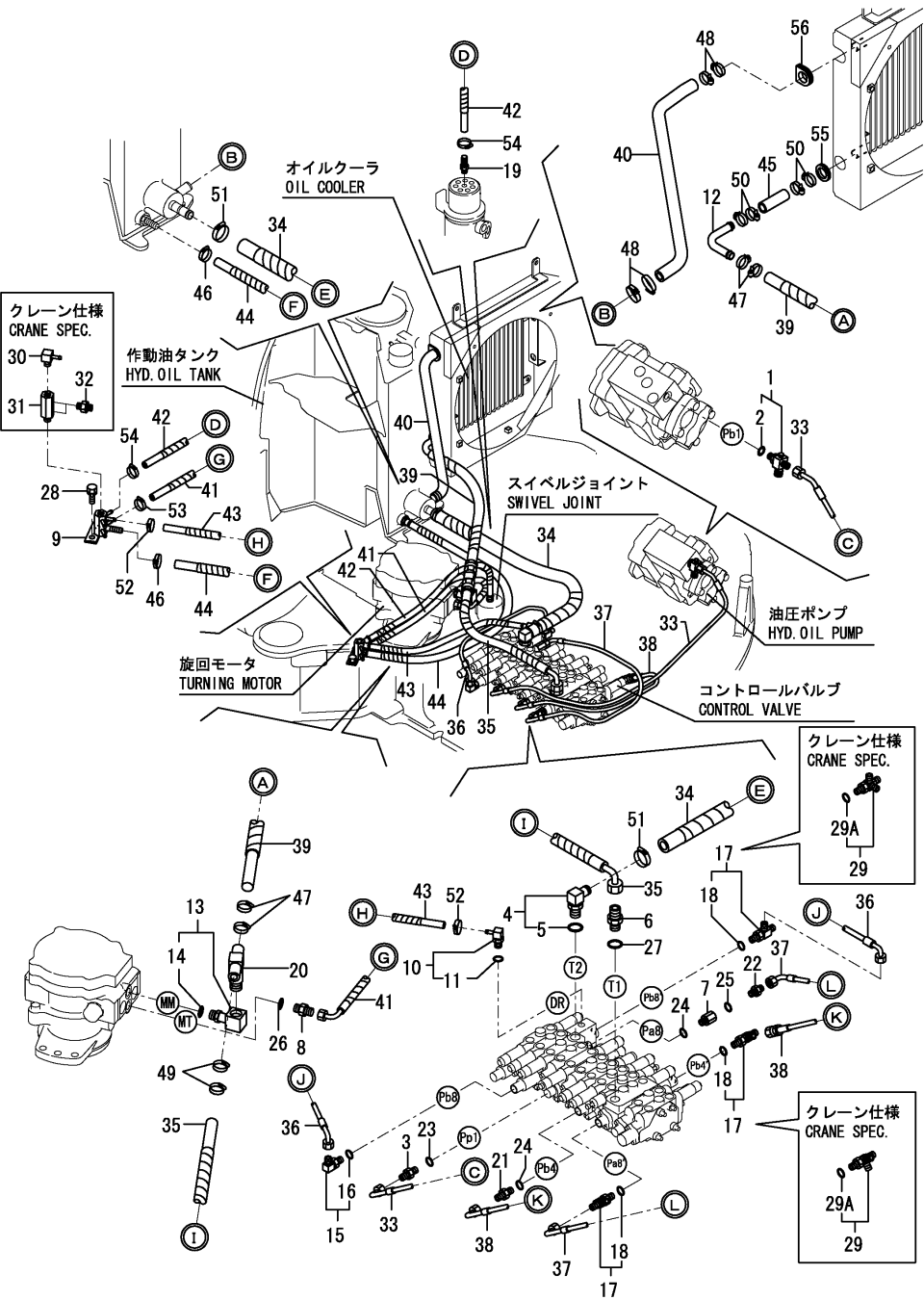
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76131	ADAPTER	3	3	3					
2	1	172422-76130	CONNECTOR	2	2	2					
3	1	172141-76180	CONNECTOR ASSY	3	3	3					
4	2	24315-000110	O-RING, 1BP11.0	3	3	3					
5	1	172141-76180	CONNECTOR ASSY	1	1	1					
6	2	24315-000110	O-RING, 1BP11.0	1	1	1					
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	1	1	1					
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					
14	1	24315-000140	O-RING, 1BP14.0	3	3	3					
15	1	24315-000140	O-RING, 1BP14.0	1	1	1					
16	1	24315-000140	O-RING, 1BP14.0	1	1	1					
17	1	172126-11510	BAND 300	1	1	1					
18	1	172126-11510	BAND 300	1	1	1					
19	1	172457-78140	HOSE F403BB078S	1	1	1					
20	1	172458-78220	HOSE F204BC241S	1	1	1					
21	1	172458-78230	HOSE F204BC183S	1	1	1					
22	1	172458-78270	HOSE F206BC052S	1	1	1					
23	1	172458-78270	HOSE F206BC052S	1	1	1					
24	1	172458-78270	HOSE F206BC052S	1	1	1					
25	1	172458-78270	HOSE F206BC052S	1	1	1					
26	1	172422-78290	HOSE F204BC072S	1	1	1					
27	1	172422-78290	HOSE F204BC072S	1	1	1					

Fig.99. HYD.OIL PIPING(RETURN)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-76100	TEE, ADJUSTABLE	1	1	1					
2	2	24315-000110	O-RING, 1BP11.0	1	1	1					
3	1	172123-76121	ADAPTER	1	1	1					
4	1	172164-76131	ELBOW	1	1	1					
5	2	24315-000180	O-RING, 1BP18.0	1	1	1					
6	1	172458-76130	CONNECTOR	1	1	1					
7	1	172422-76140	CONNECTOR	1	1	1					
8	1	172157-76150	CONNECTOR	1	1	1					
9	1	172445-76153	BLOCK, DRAIN	1	1	1					
10	1	172458-76150	NIPPLE, ELBOW	1	1	1					
11	2	24315-000110	O-RING, 1BP11.0	1	1	1					
12	1	172490-76150	PIPE	1	1	1					
13	1	172458-76160	ELBOW	1	1	1					
14	2	24315-000140	O-RING, 1BP14.0	1	1	1					
15	1	172141-76180	CONNECTOR ASSY	1	1	1					
16	2	24315-000110	O-RING, 1BP11.0	1	1	1					
17	1	172162-76180	JOINT ASSY, 3-1/4	3	3	3					
18	2	24315-000110	O-RING, 1BP11.0	3	3	3					
19	1	172141-76220	NIPPLE	1	1	1					
20	1	172458-76230	CONNECTOR	1	1	1					
21	1	172164-76330	JOINT, PF1/4-0.7	1	1	1					
22	1	172164-76330	JOINT, PF1/4-0.7	1	1	1					
23	1	24315-000110	O-RING, 1BP11.0	1	1	1					
24	1	24315-000110	O-RING, 1BP11.0	2	2	2					
25	1	24315-000110	O-RING, 1BP11.0	1	1	1					
26	1	24315-000140	O-RING, 1BP14.0	1	1	1					
27	1	24315-000180	O-RING, 1BP18.0	1	1	1					
28	1	26013-100202	BOLT, M10X 20	2	2	2					
29	1	172491-76140	JOINT	2	2						
29A	2	24315-000110	O-RING, 1BP11.0	2	2						W
(A=MZZZZZ) (B=MZZZZZ)											
30	1	172186-76390	NIPPLE, ELBOW	1	1						
31	1	172151-76580	CONNECTOR, 4-WAY 1/4	1	1						
32	1	23391-020000	JOINT, RGI-1/4	2	2						
33	1	172457-78150	HOSE F403CE097	1	1	1					
34	1	172458-78170	HOSE G612YY064S	1	1	1					
35	1	172458-78261	HOSE G608CY045S	1	1	1					
36	1	172458-78290	HOSE F403CC042	1	1	1					
37	1	172458-78300	HOSE F403CC074	1	1	1					
38	1	172458-78310	HOSE F403BC053	1	1	1					
39	1	172458-78321	HOSE G608BY055S	1	1	1					
40	1	172A25-78510	HOSE 15.9X5	1	1	1					
41	1	172458-78520	HOSE G604CY060S	1	1	1					
42	1	172458-78530	HOSE G604YY054S	1	1	1					
43	1	172458-78540	HOSE G604YY047S	1	1	1					
44	1	172458-78550	HOSE G606YY093S	1	1	1					
45	1	172A23-78850	HOSE G608YY007	1	1	1					
46	1	23001-016000	CLAMP, HOSE 16	2	2	2					
47	1	23001-022000	CLAMP, HOSE 22	4	4	4					
48	1	23001-022000	CLAMP, HOSE 22	4	4	4					
49	1	23001-022000	CLAMP, HOSE 22	2	2	2					

Fig.99. HYD.OIL PIPING(RETURN)

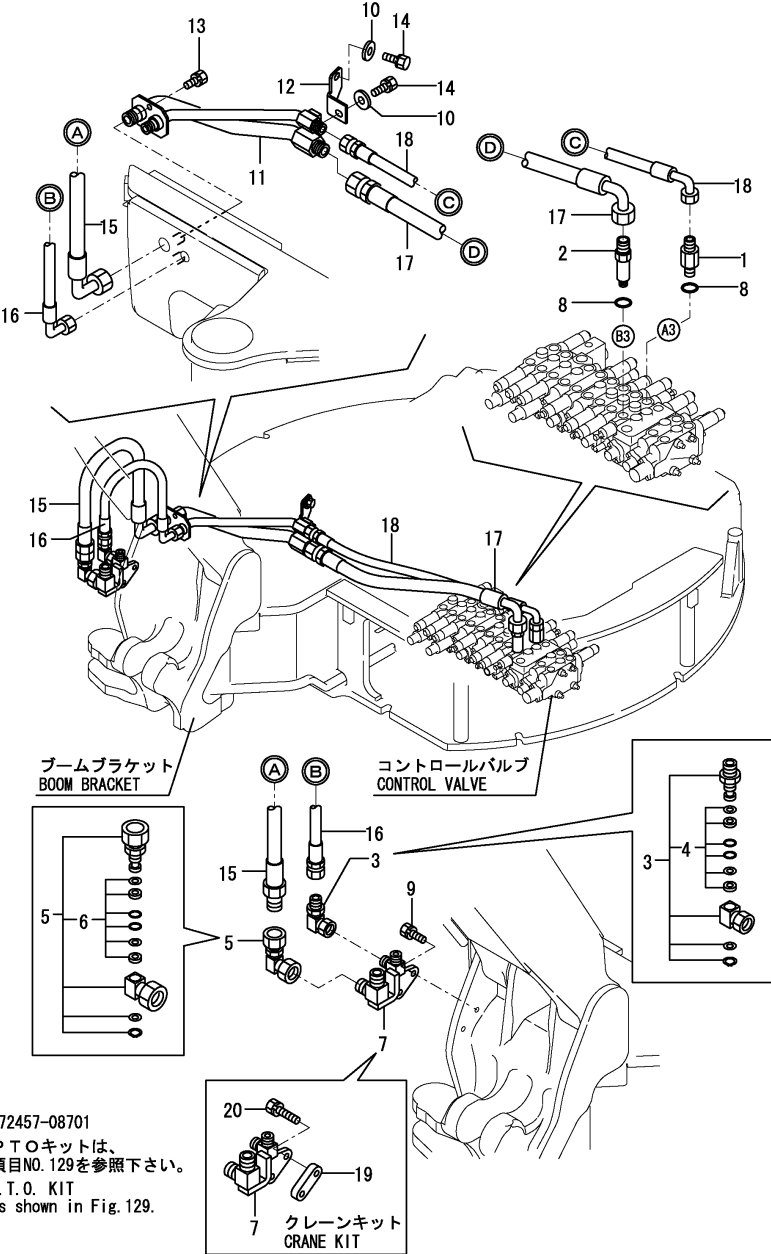


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	1	23001-022000	CLAMP, HOSE 22	4	4	4					
51	1	23001-035000	CLAMP, HOSE 35	2	2	2					
52	1	23010-014000	CLAMP, 14	2	2	2					
53	1	23010-014000	CLAMP, 14	1	1	1					
54	1	23010-014000	CLAMP, 14	2	2	2					
55	1	29311-252000	GROMET, 25.0X2	1	1	1					
56	1	172165-62800	GROMMET	1	1	1					

Fig.100. HYD.OIL PIPING(P.T.O., FREME END)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

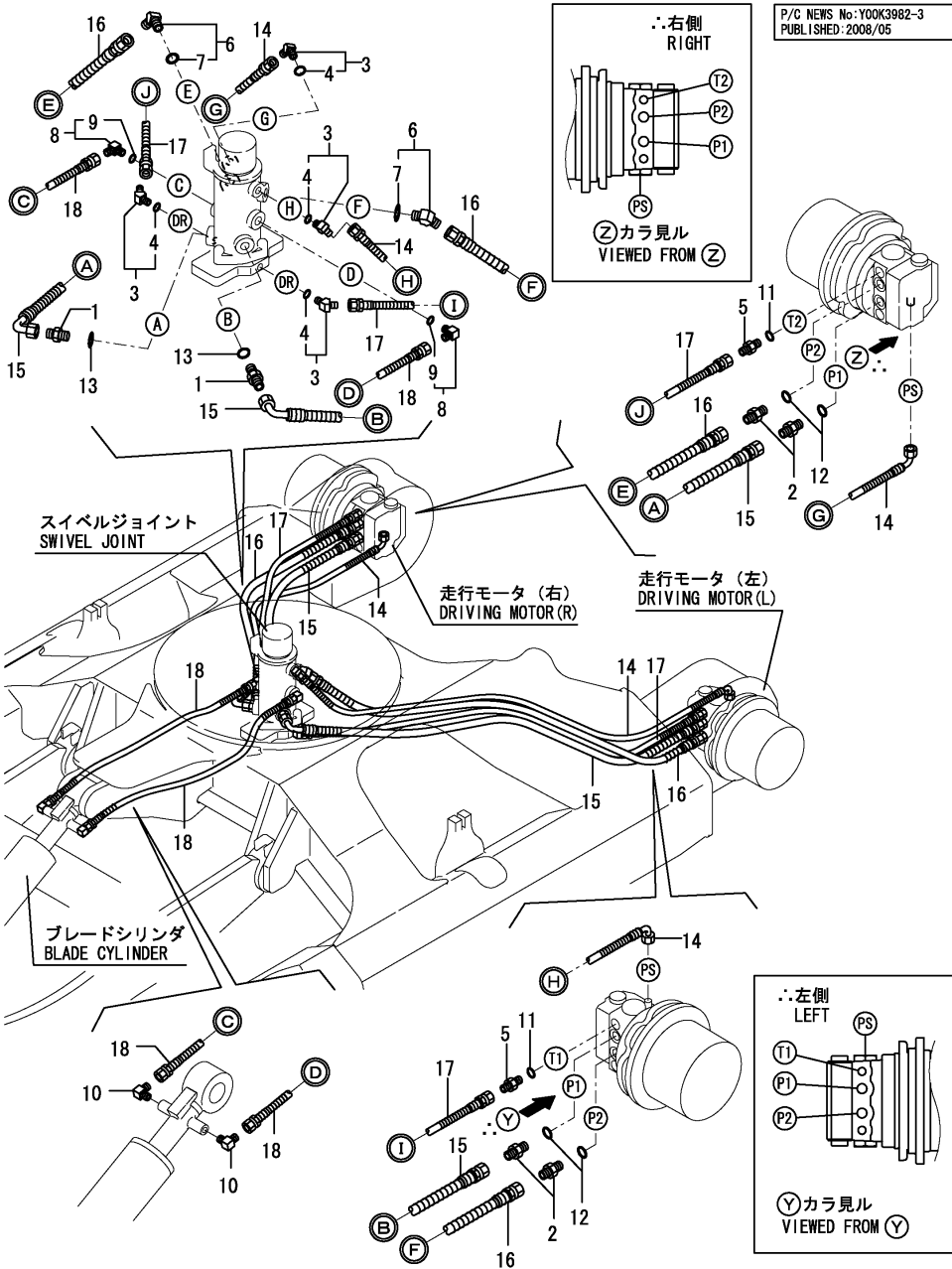
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1					
2	1	172422-76191	CONNECTOR, PF3/8X3/4	1	1	1					
3	1	172142-76270	JOINT, SWIVEL 1/2	1	1	1					
4	2	172142-77040	SEAL SET	1	1	1					
5	1	172142-76280	JOINT, SWIVEL	1	1	1					
6	2	172142-77050	SEAL SET	1	1	1					
7	1	172458-76700	JOINT ASSY, PTO	1	1	1					
8	1	24315-000140	O-RING, 1BP14.0	2	2	2					
9	1	26013-100252	BOLT, M10X 25	2	2	2					
10	1	172110-36010	COLLAR	2	2	2					
11	1	172458-76800	TUBE ASSY	1	1	1					
12	1	172458-76880	PLATE	1	1	1					
13	1	26013-100202	BOLT, M10X 20	2	2	2					
14	1	26013-100252	BOLT, M10X 25	2	2	2					
15	1	172458-78941	HOSE G212AC092K	1	1	1					
16	1	172458-78951	HOSE H208BC079K	1	1	1					
17	1	172458-78960	HOSE H212CD093	1	1	1					
18	1	172458-78970	HOSE H208CD095	1	1	1					
19	1	172A25-76730	SPACER, CRANE	1	1						1
20	1	26013-100452	BOLT, M10X 45	2	2						1

Remarks
(1)OPTIONAL: CRANE KIT.

Fig.101. HYD.OIL PIPING(TRACK FRAME)



P/C NEWS No:Y00K3982-3
PUBLISHED:2008/05

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

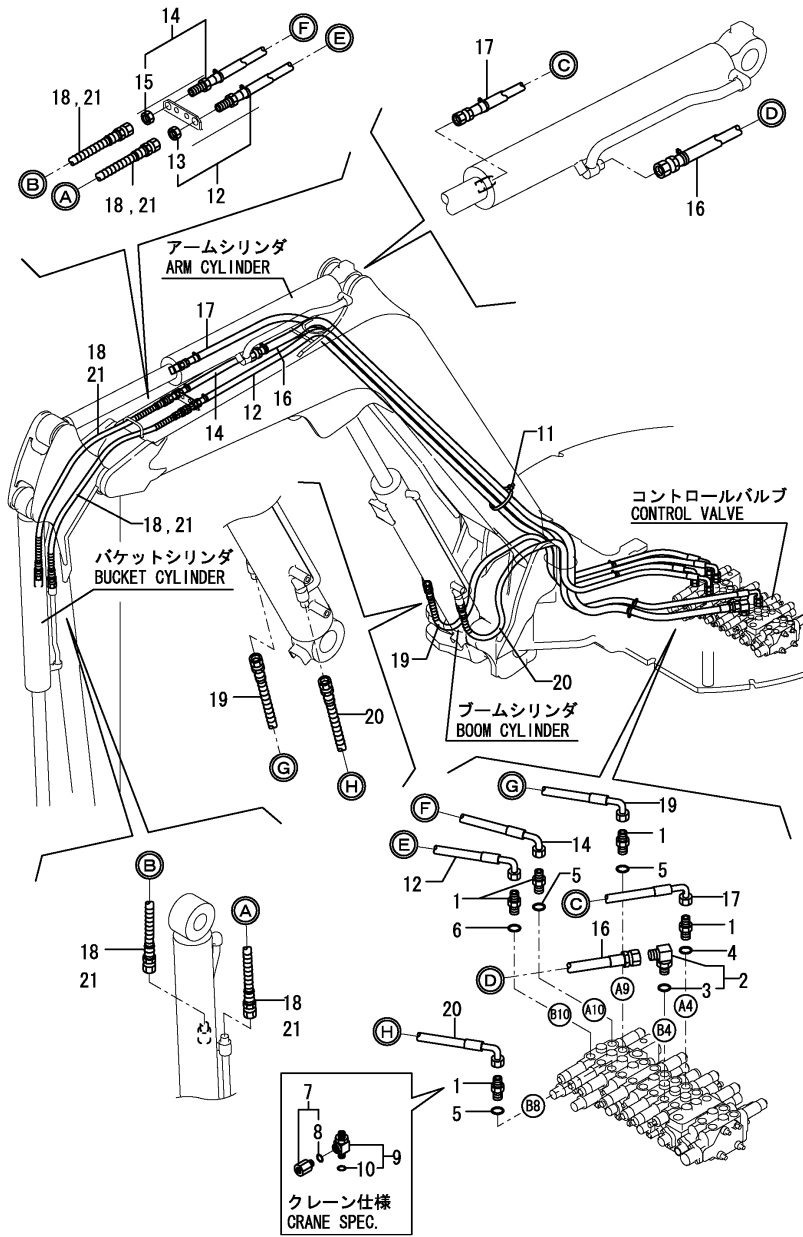
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2	2					
2	1	172730-75141	ADAPTER	4	4	4					
3	1	172173-76101	CONNECTOR ASSY	4	4	4					
4	2	24315-000110	O-RING, 1BP11.0	4	4	4					
5	1	172123-76121	ADAPTER	2	2	2					
6	1	172644-76161	ELBOW, ADJUST	2	2	2					
7	2	24315-000140	O-RING, 1BP14.0	2	2	2					
8	1	172141-76180	CONNECTOR ASSY	2	2	2					
9	2	24315-000110	O-RING, 1BP11.0	2	2	2					
10	1	23393-020000	JOINT, 90RGI-1/4	2	2	2					
11	1	24315-000110	O-RING, 1BP11.0	2	2	2					
12	1	24315-000140	O-RING, 1BP14.0	4	4	4					
13	1	24315-000140	O-RING, 1BP14.0	2	2	2					
14	1	172457-78211	HOSE F204BC108W	2	2	2					
15	1	172457-78221	HOSE F206BC098W	2	2	2					
16	1	172457-78231	HOSE F206BB100W	2	2	2					
17	1	172457-78241	HOSE G704BB095W	2	2	2					
18	1	172422-78390	HOSE F204BB068W	2	2	2					

印が今回変更(追記)した箇所です。
MARKED PART HAS BEEN CHANGED (ADDED).

Fig.102. HYD.OIL PIPING(BOOM)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

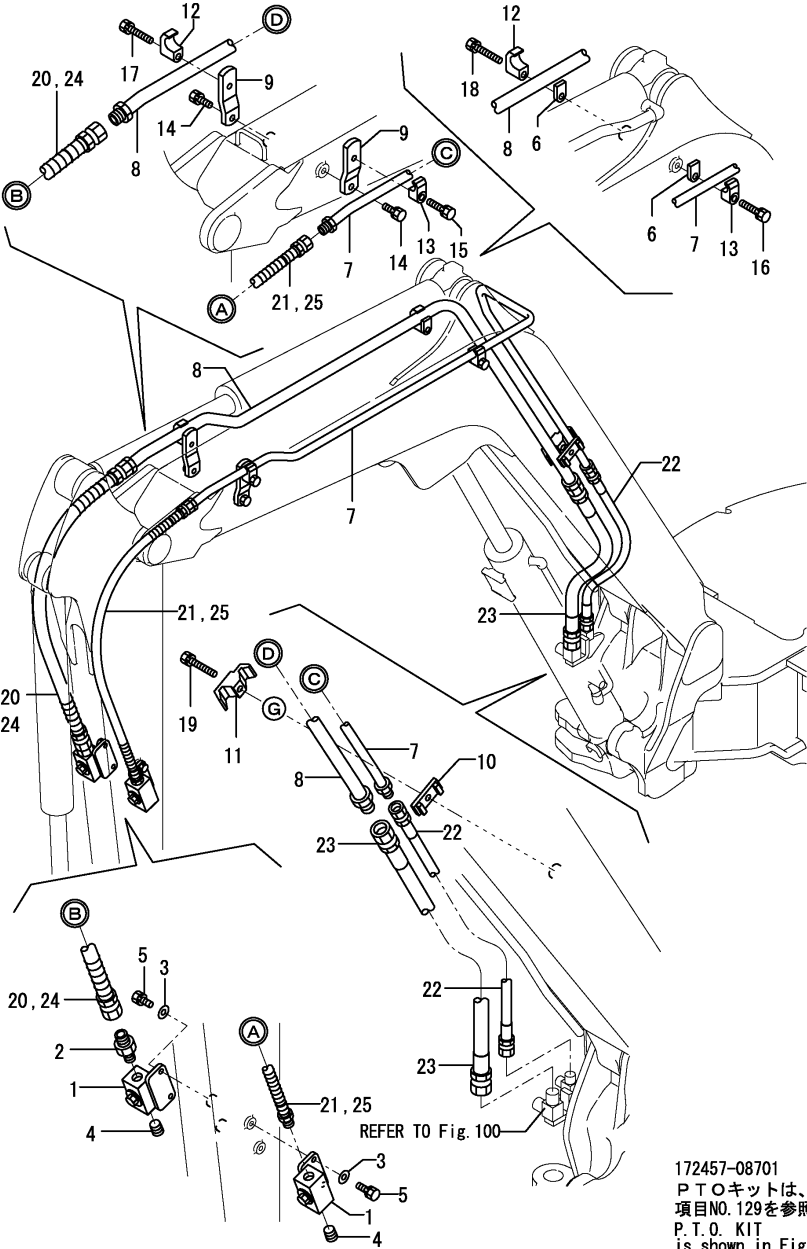
(D)=
(E)=
(F)=



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	172645-76570	CONNECTOR 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					
5	1	24315-000140	O-RING, 1BP14.0	3	3	3					
6	1	24315-000140	O-RING, 1BP14.0	1	1	1					
7	1	172187-76310	CONNECTOR	1	1						1
8	2	24315-000110	O-RING, 1BP11.0	1	1						1
9	1	172460-76700	CONNECTOR, 2X3/8X1/4	1	1						1
10	2	24315-000140	O-RING, 1BP14.0	1	1						1
11	1	172183-16560	CLIP, HOSE	1	1	1					
12	1	172457-78160	HOSE H206CX283K	1	1	1					
13	2	172455-79770	NUT, LOCK	1	1	1					
14	1	172457-78170	HOSE H206CX292K	1	1	1					
15	2	172455-79770	NUT, LOCK	1	1	1					
16	1	172457-78180	HOSE H208BB280K	1	1	1					
17	1	172457-78190	HOSE H206BC310K	1	1	1					
18	1	172457-78200	HOSE H206BB072W	2	2						
19	1	172458-78200	HOSE H206BC136W	1	1	1					
20	1	172458-78210	HOSE H206BC130W	1	1	1					
21	1	172957-78150	HOSE H206BB070W	2	2	2					2

Remarks
(1)CRANE SPEC.
(2)QUICK HITCH SPEC.

Fig.103. HYD.OIL PIPING(P.T.O., ARM END)



172457-08701
P.T.O.キットは、
項目NO. 129を参照下さい。
P.T.O. KIT
is shown in Fig. 129.

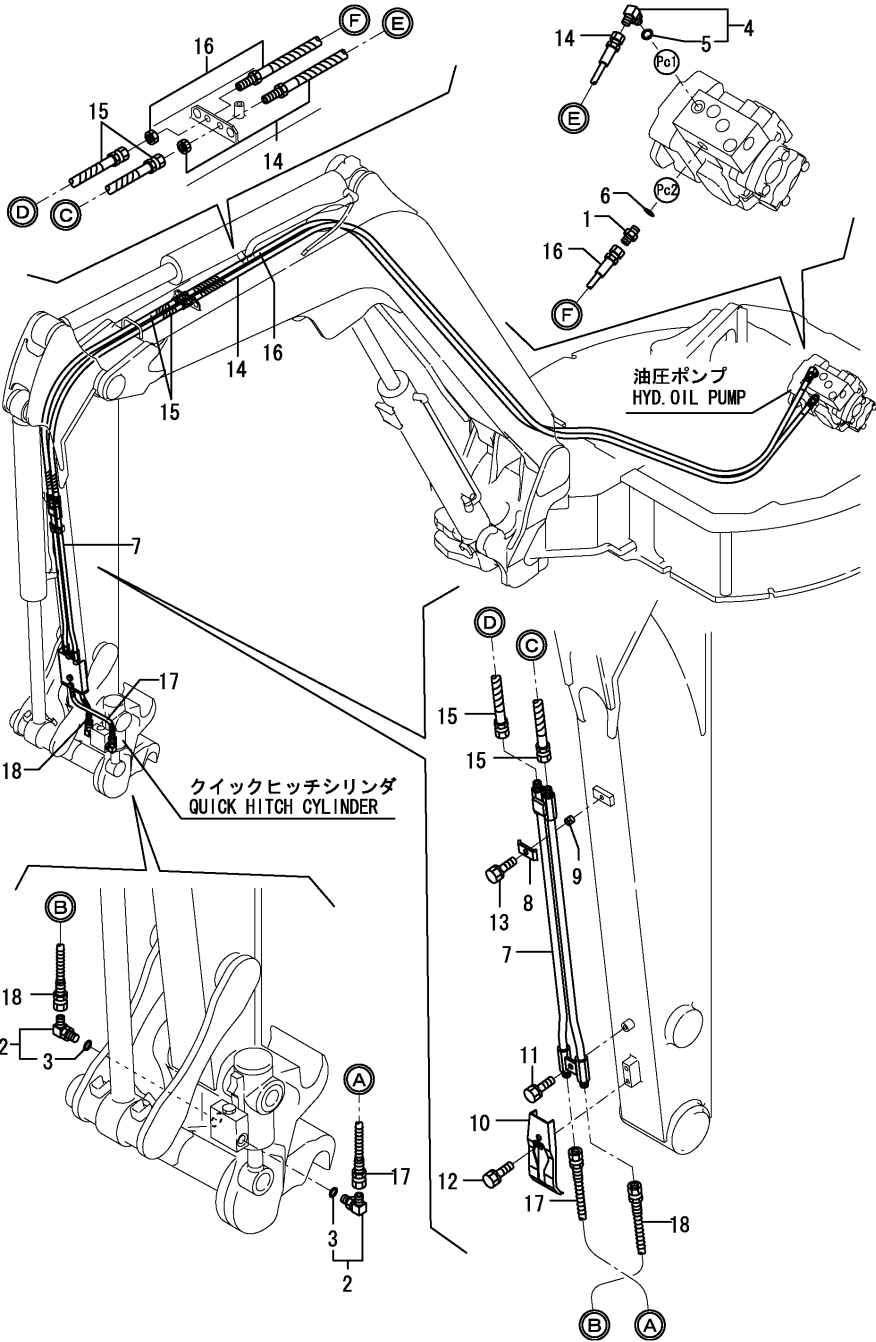
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820	STOP VALVE (97)	2	2	2					
1-1	1	172183-74821-2	VALVE, STOP (97)	2	2	2					R
(A=M/#31248) (B=M/#31248) (C=M/#31248)											
2	1	172633-76160	ADAPTER	1	1	1					
2-1	1	172162-76141	ADAPTER, 1/2-3/4	1	1	1					N
(A=*2008.07) (B=*2008.07) (C=*2008.07)											
3	1	22117-100000	WASHER, 10	4	4	4					
4	1	23871-040000	PLUG, R04	2	2	2					
5	1	26013-100252	BOLT, M10X 25	4	4	4					
6	1	172183-76250	PLATE (GREEN:97)	2	2	2					
7	1	172457-76601	TUBE, PTO	1	1	1					
8	1	172457-76650	TUBE, PTO	1	1	1					
9	1	172458-76680	STAY	2	2	2					
10	1	172458-76750	SPACER, PIPE	1	1	1					
11	1	172125-76900-4	CLAMP	1	1	1					
12	1	172142-76940-4	CLAMP	2	2	2					
13	1	172142-76950-4	CLAMP	2	2	2					
14	1	26013-120302	BOLT, M12X 30	2	2	2					
15	1	26013-120402	BOLT, M12X 40	1	1	1					
16	1	26013-120502	BOLT, M12X 50	1	1	1					
17	1	26013-120552	BOLT, M12X 55	1	1	1					
18	1	26013-120652	BOLT, M12X 65	1	1	1					
19	1	26013-120652	BOLT, M12X 65	1	1	1					
20	1	172457-78900	HOSE G212BB083W	1	1						
21	1	172457-78910	HOSE H208AB081W	1	1						
22	1	172458-78920	HOSE H208BB068	1	1	1					
23	1	172458-78930	HOSE G212BB065	1	1	1					
24	1	172957-78900	HOSE G212BB077W	1	1	1					1
25	1	172957-78910	HOSE H208AB077W	1	1	1					1

Remarks
(1)QUICK HITCH SPEC.

Fig.104. HYD.OIL PIPING(QUICK HITCH)



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	172958-76130	ELBOW	2	2	2					
3	2	24315-000110	O-RING, 1BP11.0	2	2	2					
4	1	172141-76180	CONNECTOR ASSY	1	1	1					
5	2	24315-000110	O-RING, 1BP11.0	1	1	1					
6	1	24315-000110	O-RING, 1BP11.0	1	1	1					
7	1	172958-76101	TUBE, HITCH	1	1	1					
7-1	1	172958-76102	TUBE, HITCH	1	1	1					N
(A=M/#35253) (B=M/#35253) (C=M/#35253)											
8	1	172110-76170-4	PLATE (GREEN:97)	1	1	1					
9	1	172137-76580	COLLAR	1	1	1					
10	1	172958-81903	COVER, ARM	1	1	1					
10-1	1	172958-81904-1	COVER, ARM	1	1	1					N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
11	1	26013-080162	BOLT, M8X 16	1	1	1					
12	1	26013-080162	BOLT, M8X 16	2	2	2					
13	1	26013-080252	BOLT, M8X 25	1	1	1					
14	1	172957-78100	HOSE G205BX365K	1	1	1					
15	1	172957-78111	HOSE H204BB075K	2	2	2					
16	1	172957-78130	HOSE G205BX365K	1	1	1					
17	1	172958-78200	HOSE F102BB050W	1	1	1					
18	1	172958-78210	HOSE F102BB052W	1	1	1					

Fig.105. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETUEN)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(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	172141-76180	CONNECTOR ASSY	1	1	1					
3	2	24315-000110	O-RING, 1BP11.0	1	1	1					
4	1	172455-76220	CONNECTOR	2	2	2					
5	1	24315-000110	O-RING, 1BP11.0	4	4	4					
6	1	172458-78750	HOSE F403BB117S	1	1	1					
7	1	172458-78760	HOSE G804BY130S	1	1	1					
8	1	172458-78810	HOSE F403BB115	1	1	1					
9	1	172458-78820	HOSE G804BY165S	1	1	1					
10	1	23000-013000	CLAMP, 13	2	2	2					

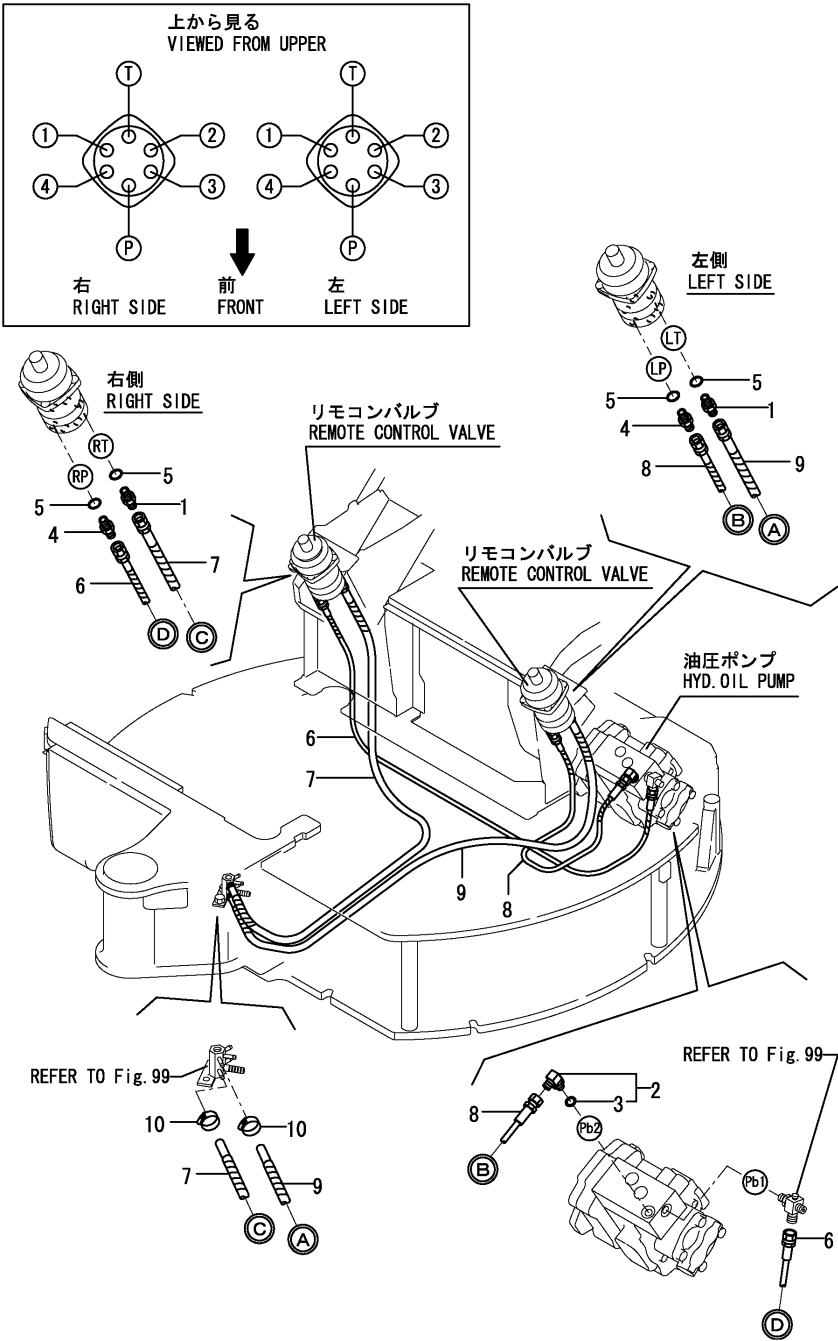
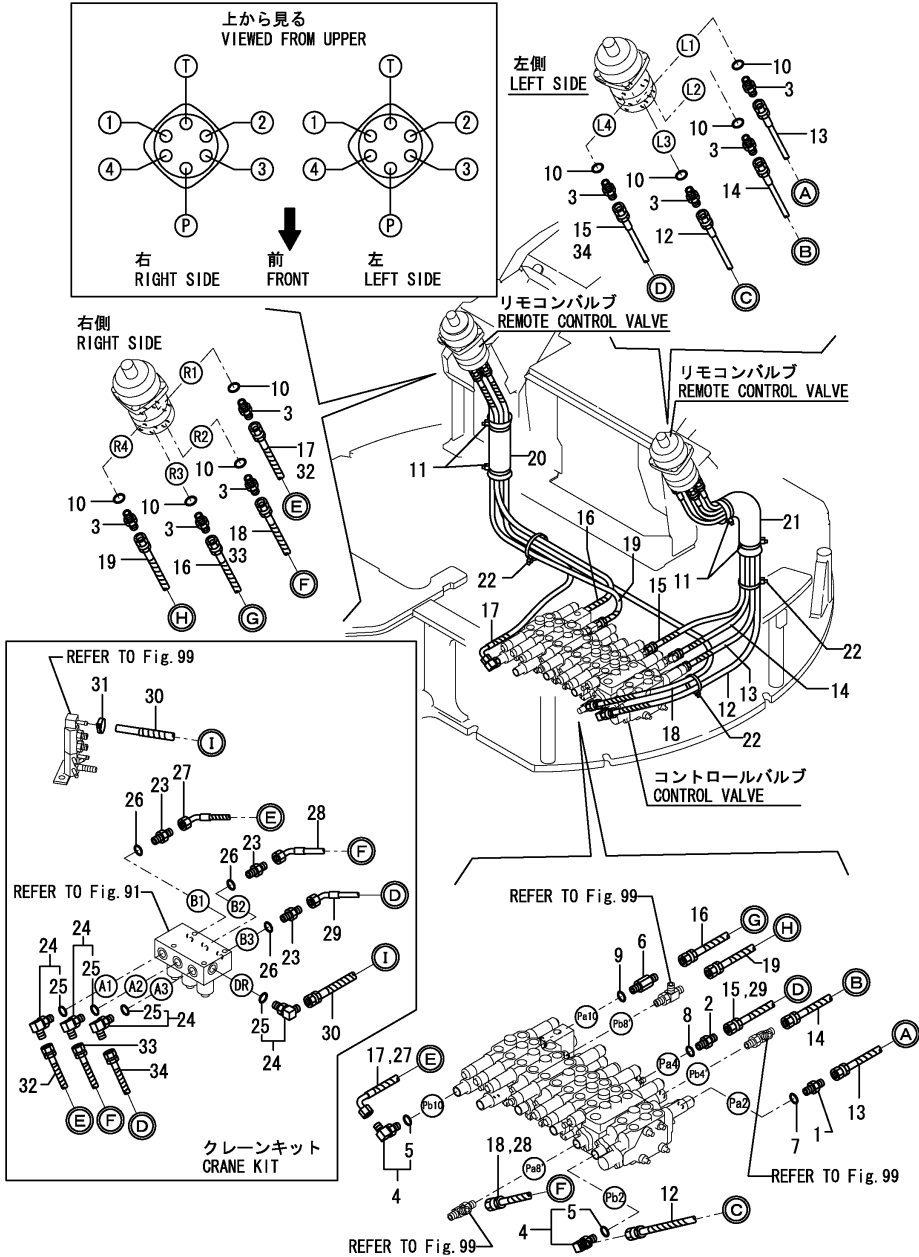


Fig.106. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

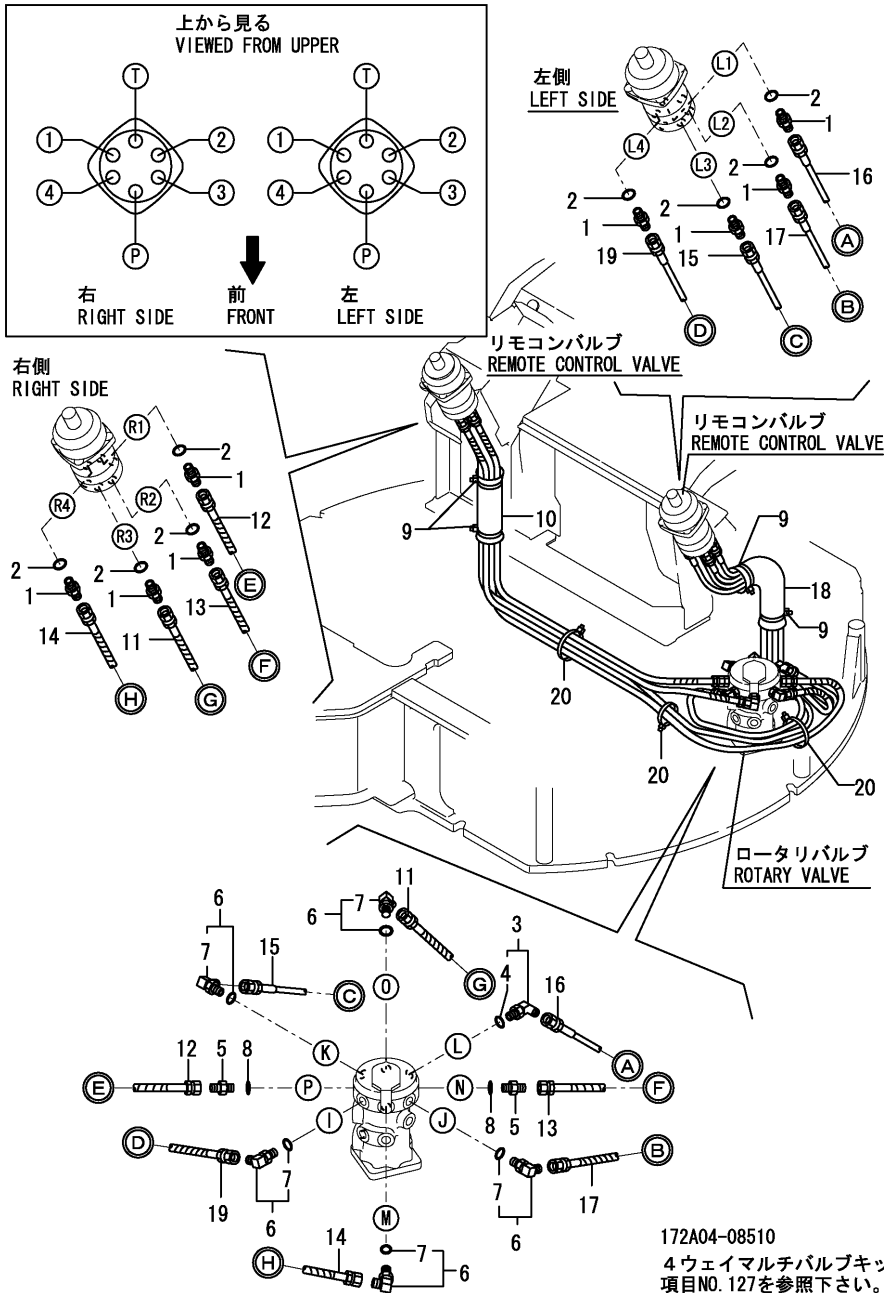
(D)=
(E)=
(F)=



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					
5	2	24315-000110	O-RING, 1BP11.0	2	2	2					
6	1	172183-76200	CONNECTOR	1	1	1					
7	1	24315-000110	O-RING, 1BP11.0	1	1	1					
8	1	24315-000110	O-RING, 1BP11.0	1	1	1					
9	1	24315-000110	O-RING, 1BP11.0	1	1	1					
10	1	24315-000110	O-RING, 1BP11.0	8	8	8					
11	1	172126-11510	BAND 300	4	4	4					
12	1	172458-78330	HOSE F403BB162	1	1	1					
13	1	172458-78340	HOSE F403BB120	1	1	1					
14	1	172458-78350	HOSE F403BB120S	1	1	1					
15	1	172458-78360	HOSE F403BB120S	1	1	1					
16	1	172458-78390	HOSE F403BB097S	1	1	1					
17	1	172458-78400	HOSE F403BC127S	1	1	1					
18	1	172458-78410	HOSE F403BB152S	1	1	1					
19	1	172458-78420	HOSE F403BB097S	1	1	1					
20	1	172458-78570	SPONGE, HOSE	1	1	1					
21	1	172444-78800	SPONGE, HOSE	1	1	1					
22	1	172122-79930	CLAMP, HOSE	4	4	4					
23	1	172123-76121	ADAPTER	3	3						1
24	1	172141-76180	CONNECTOR ASSY	4	4						1
25	2	24315-000110	O-RING, 1BP11.0	4	4						1
26	1	24315-000110	O-RING, 1BP11.0	3	3						1
27	1	172A25-79150	HOSE F403CE040S	1	1						1
28	1	172A25-79160	HOSE F403BE045	1	1						1
29	1	172A25-79170	HOSE F403CE070	1	1						1
30	1	172A25-79180	HOSE G804BY073S	1	1						1
31	1	23010-014000	CLAMP, 14	1	1						1
32	1	172A25-79100	HOSE F403BB197S	1	1						1
33	1	172A25-79110	HOSE F403BB197S	1	1						1
34	1	172A25-79120	HOSE F403BB197S	1	1						1

Remarks
(1)OPTIONAL: CRANE KIT.

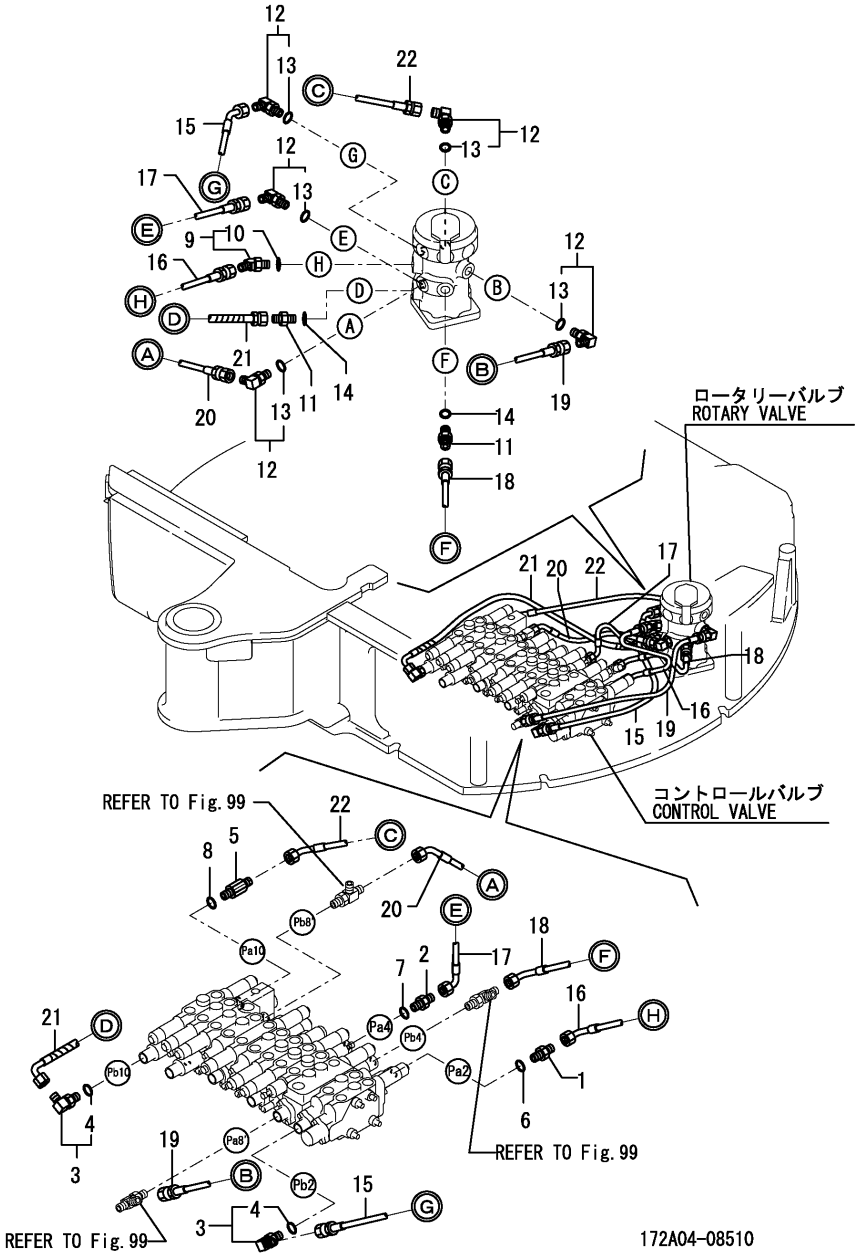
Fig.107. CONTROL PIPING(REMOTE CONTROL VALVE - 4-WAY VALVE)



172A04-08510
4ウェイマルチバルブキットは、
項目NO. 127を参照下さい。
4-WAY MULTI VALVE KIT
is shown in Fig.127.

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						
3	1	172173-76101	CONNECTOR ASSY	1	1						
4	2	24315-000110	O-RING, 1BP11.0	1	1						
5	1	172123-76121	ADAPTER	2	2						
6	1	172141-76180	CONNECTOR ASSY	5	5						
7	2	24315-000110	O-RING, 1BP11.0	5	5						
8	1	24315-000110	O-RING, 1BP11.0	2	2						
9	1	172126-11510	BAND 300	4	4						
10	1	172458-78570	SPONGE, HOSE	1	1						
11	1	172458-78710	HOSE F403BB155S	1	1						
12	1	172458-78720	HOSE F403BB112S	1	1						
13	1	172458-78730	HOSE F403BB149S	1	1						
14	1	172458-78740	HOSE F403BB114S	1	1						
15	1	172458-78770	HOSE F403BB109	1	1						
16	1	172458-78780	HOSE F403BB110	1	1						
17	1	172458-78790	HOSE F403BB116S	1	1						
18	1	172444-78800	SPONGE, HOSE	1	1						
19	1	172458-78800	HOSE F403BB135S	1	1						
20	1	172122-79930	CLAMP, HOSE	4	4						

Fig.108. CONTROL PIPING(4-WAY VALVE - CONTROL VALVE)



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

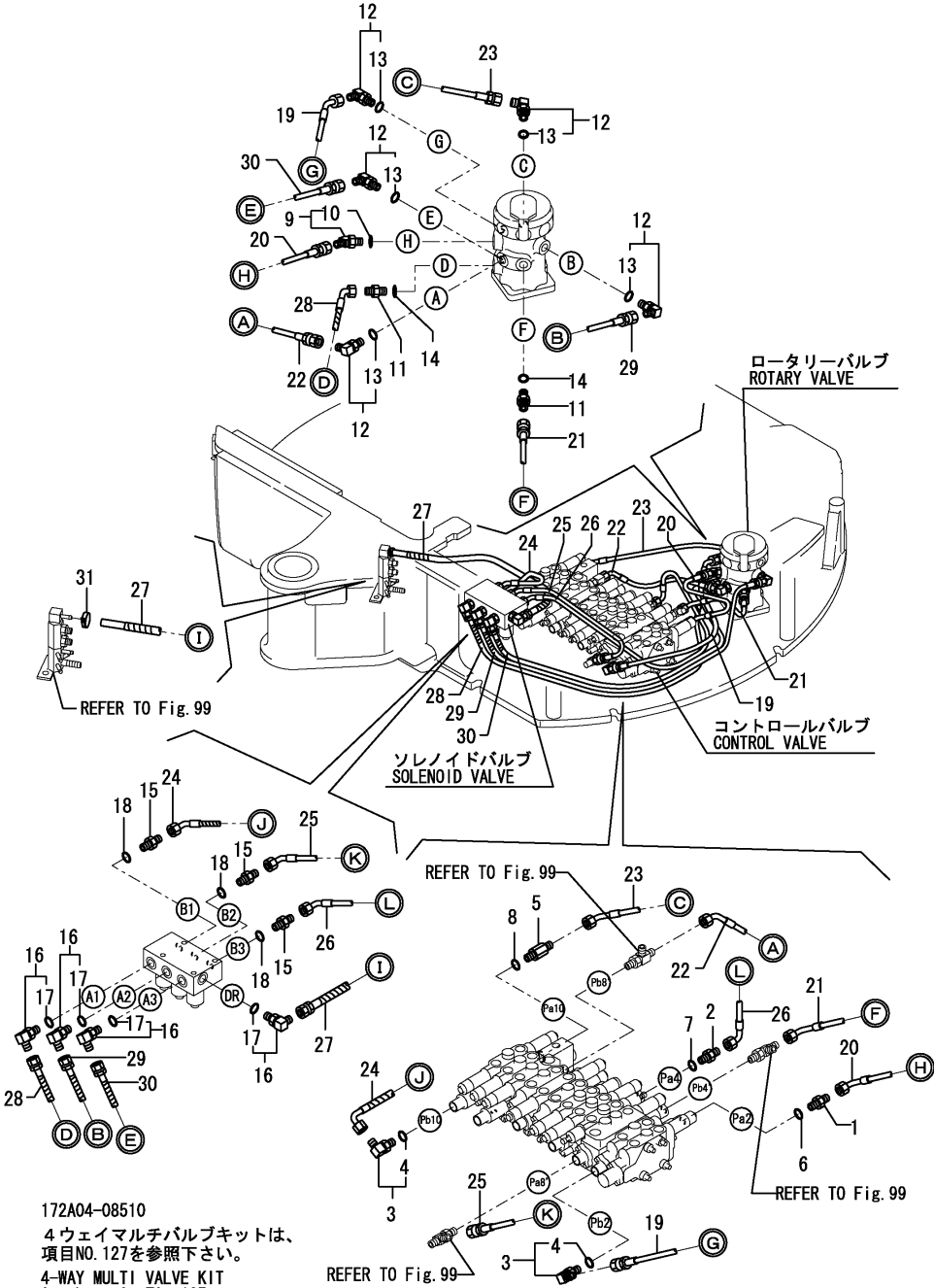
(D)=
(E)=
(F)=

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						
4	2	24315-000110	O-RING, 1BP11.0	2	2						
5	1	172183-76200	CONNECTOR	1	1						
6	1	24315-000110	O-RING, 1BP11.0	1	1						
7	1	24315-000110	O-RING, 1BP11.0	1	1						
8	1	24315-000110	O-RING, 1BP11.0	1	1						
9	1	172173-76101	CONNECTOR ASSY	1	1						
10	2	24315-000110	O-RING, 1BP11.0	1	1						
11	1	172123-76121	ADAPTER	2	2						
12	1	172141-76180	CONNECTOR ASSY	5	5						
13	2	24315-000110	O-RING, 1BP11.0	5	5						
14	1	24315-000110	O-RING, 1BP11.0	2	2						
15	1	172458-78610	HOSE F403BE057	1	1						
16	1	172458-78620	HOSE F403BC030	1	1						
17	1	172458-78630	HOSE F403BC027	1	1						
18	1	172458-78640	HOSE F403BC027	1	1						
19	1	172458-78650	HOSE F403BB055	1	1						
20	1	172458-78660	HOSE F403BC030	1	1						
21	1	172458-78670	HOSE F403BC065S	1	1						
22	1	172458-78680	HOSE F403BE038	1	1						

Fig.109. CONTROL PIPING(4-WAY VALVE - CONTROL VALVE : CRANE SPEC.)

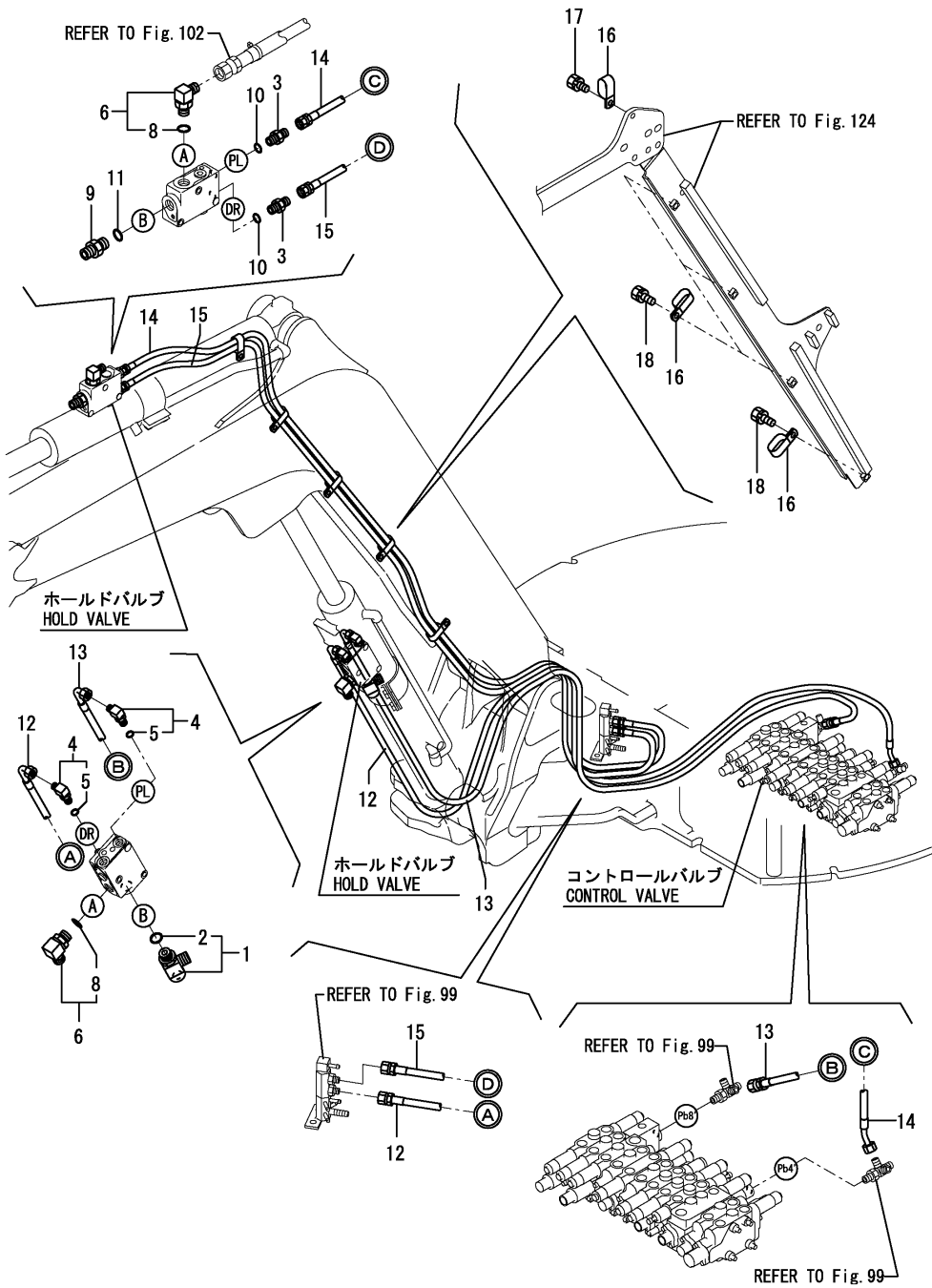
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



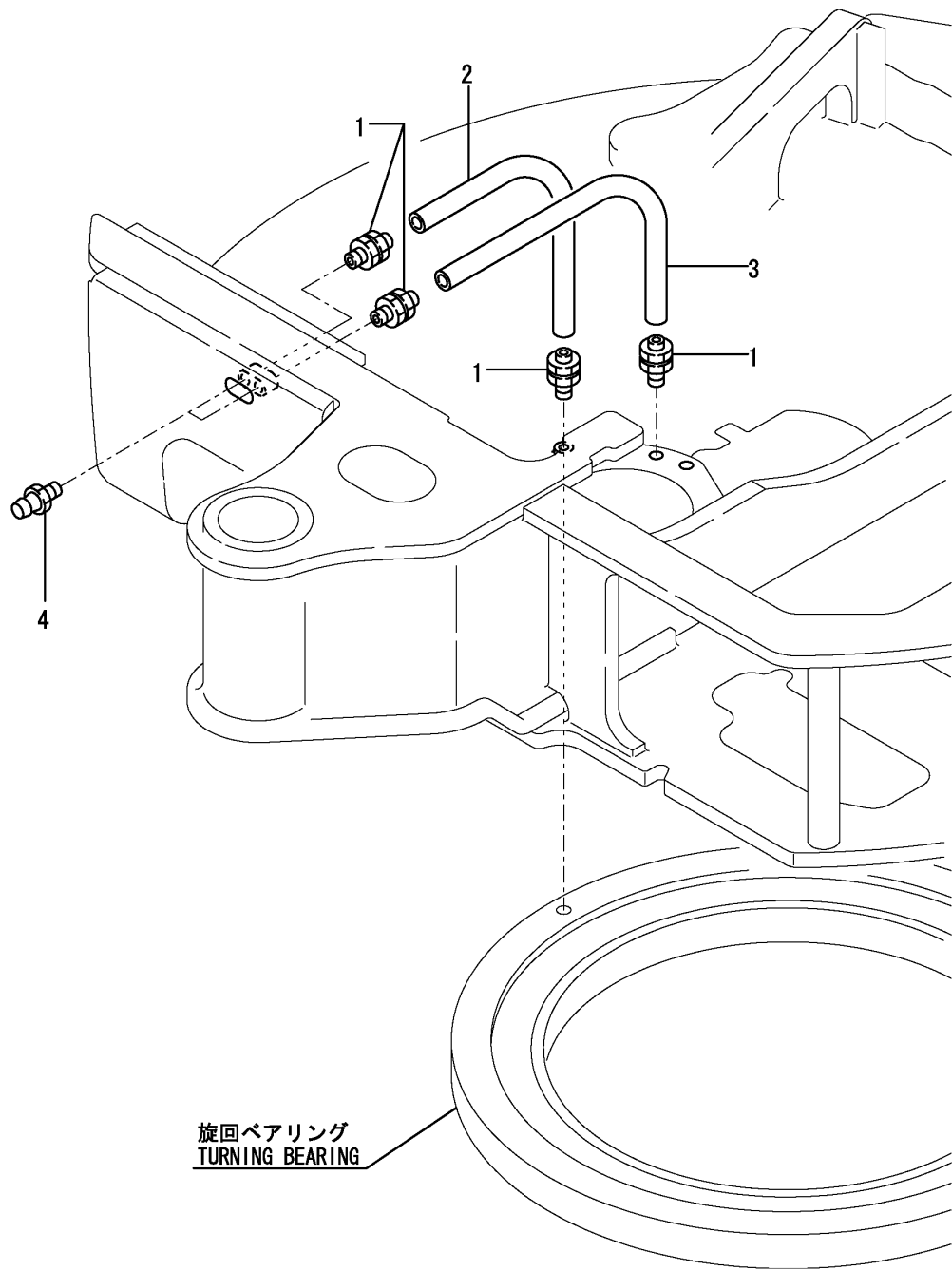
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER		1						
2	1	172123-76121	ADAPTER		1						
3	1	172141-76180	CONNECTOR ASSY		2						
4	2	24315-000110	O-RING, 1BP11.0		2						
5	1	172183-76200	CONNECTOR		1						
6	1	24315-000110	O-RING, 1BP11.0		1						
6-1	1	41851-000110	O-RING (B=MZZZZZ)		1					N	
7	1	24315-000110	O-RING, 1BP11.0		1						
7-1	1	41851-000110	O-RING (B=MZZZZZ)		1					N	
8	1	24315-000110	O-RING, 1BP11.0		1						
8-1	1	41851-000110	O-RING (B=MZZZZZ)		1					N	
9	1	172173-76101	CONNECTOR ASSY		1						
10	2	24315-000110	O-RING, 1BP11.0		1						
11	1	172123-76121	ADAPTER		2						
12	1	172141-76180	CONNECTOR ASSY		5						
13	2	24315-000110	O-RING, 1BP11.0		5						
14	1	24315-000110	O-RING, 1BP11.0		2						
14-1	1	41851-000110	O-RING (B=MZZZZZ)		2					N	
15	1	172123-76121	ADAPTER	3	3						
16	1	172141-76180	CONNECTOR ASSY	4	4						
17	2	24315-000110	O-RING, 1BP11.0	4	4						
18	1	24315-000110	O-RING, 1BP11.0	3	3						
18-1	1	41851-000110	O-RING (A=MZZZZZ) (B=MZZZZZ)	3	3					N	
19	1	172458-78610	HOSE F403BE057		1						
20	1	172458-78620	HOSE F403BC030		1						
21	1	172458-78640	HOSE F403BC027		1						
22	1	172458-78660	HOSE F403BC030		1						
23	1	172458-78680	HOSE F403BE038		1						
24	1	172A25-79150	HOSE F403CE040S	1	1						
25	1	172A25-79160	HOSE F403BE045	1	1						
26	1	172A25-79170	HOSE F403CE070	1	1						
27	1	172A25-79180	HOSE G804BY073S	1	1						
28	1	172A25-79250	HOSE F403BC098S	1	1						
29	1	172A25-79260	HOSE F403BB090S	1	1						
30	1	172A25-79270	HOSE F403BB098S	1	1						
31	1	23010-014000	CLAMP, 14	1	1						

Fig.110. CONTROL PIPING(HOLDE VALVE : CRANE SPEC.)



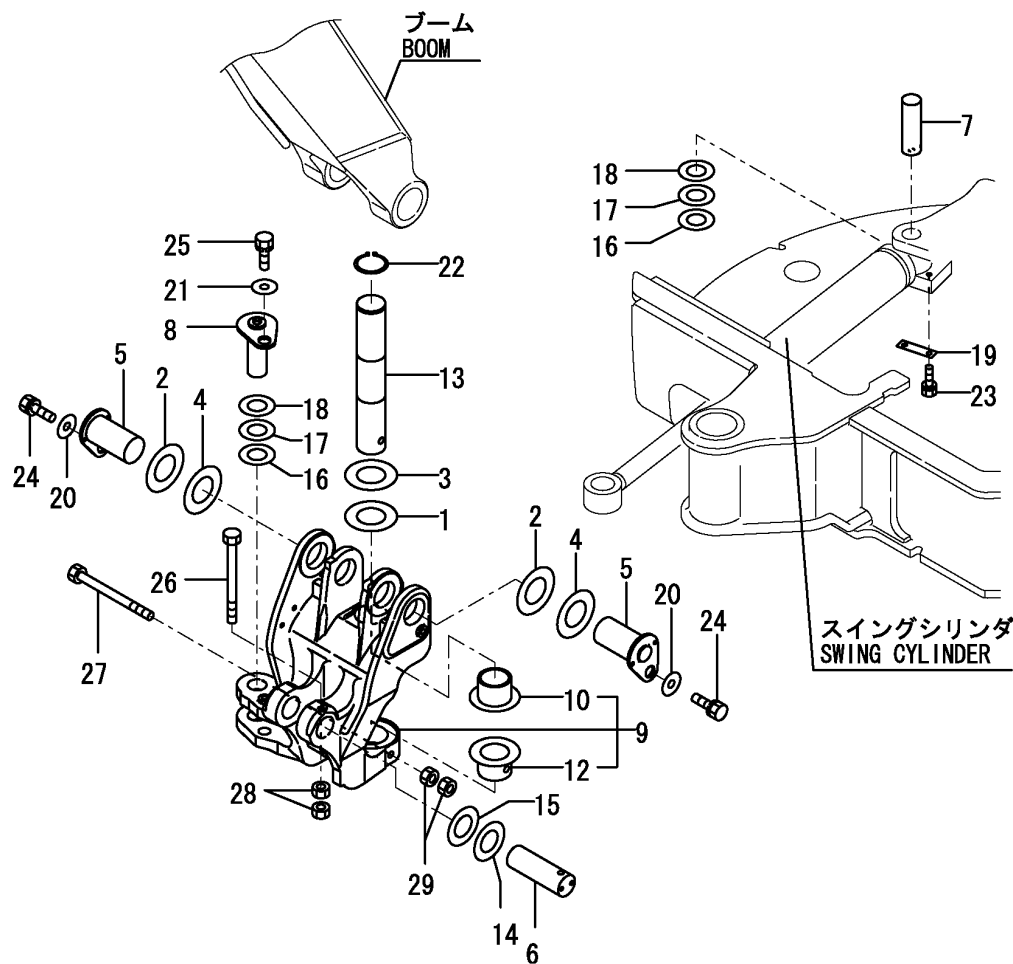
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-76100	TEE, ADJUSTABLE	1	1						
2	2	24315-000180	O-RING, 1BP18.0	1	1						
3	1	172123-76121	ADAPTER	2	2						
4	1	172141-76180	CONNECTOR ASSY	2	2						
5	2	24315-000110	O-RING, 1BP11.0	2	2						
6	1	172157-76300	ELBOW ASSY	2	2						
8	2	24315-000180	O-RING, 1BP18.0	2	2						
9	1	172112-77361	CONNECTOR	1	1						
10	1	24315-000110	O-RING, 1BP11.0	2	2						
10-1	1	41851-000110	O-RING	2	2					N	
		(A=MZZZZZ) (B=MZZZZZ)									
11	1	24315-000180	O-RING, 1BP18.0	1	1						
11-1	1	41851-000110	O-RING	1	1					N	
		(A=MZZZZZ) (B=MZZZZZ)									
12	1	172A25-79190	HOSE H204BC185K	1	1						
13	1	172A25-79200	HOSE H204BC230K	1	1						
14	1	172A24-79210	HOSE H204BE335K	1	1						
15	1	172A24-79220	HOSE H204BB291K	1	1						
16	1	1E6212-82820	CLIP 173219	5	5						
17	1	26013-100162	BOLT, M10X 16	1	1						
18	1	26013-100202	BOLT, M10X 20	4	4						

Fig.111. GREASING

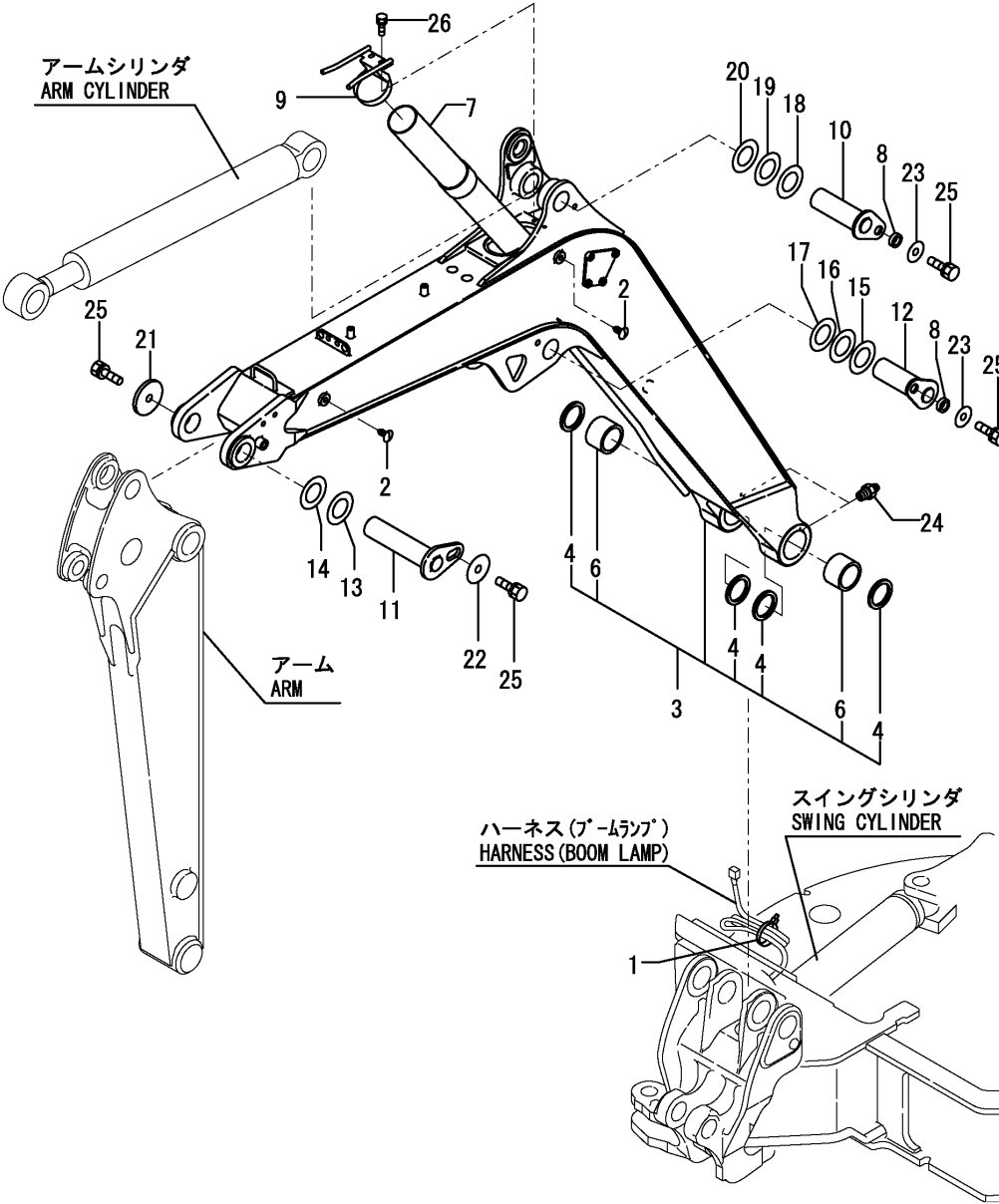


No.	Lev.	Parts No.	Description	(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-77800	JOINT, GREASE	4	4	4					
2	1	172151-77801	HOSE P602YY045	1	1	1					
3	1	172164-77800	HOSE P602YY050	1	1	1					
4	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					

Fig.112. BOOM BRACKET



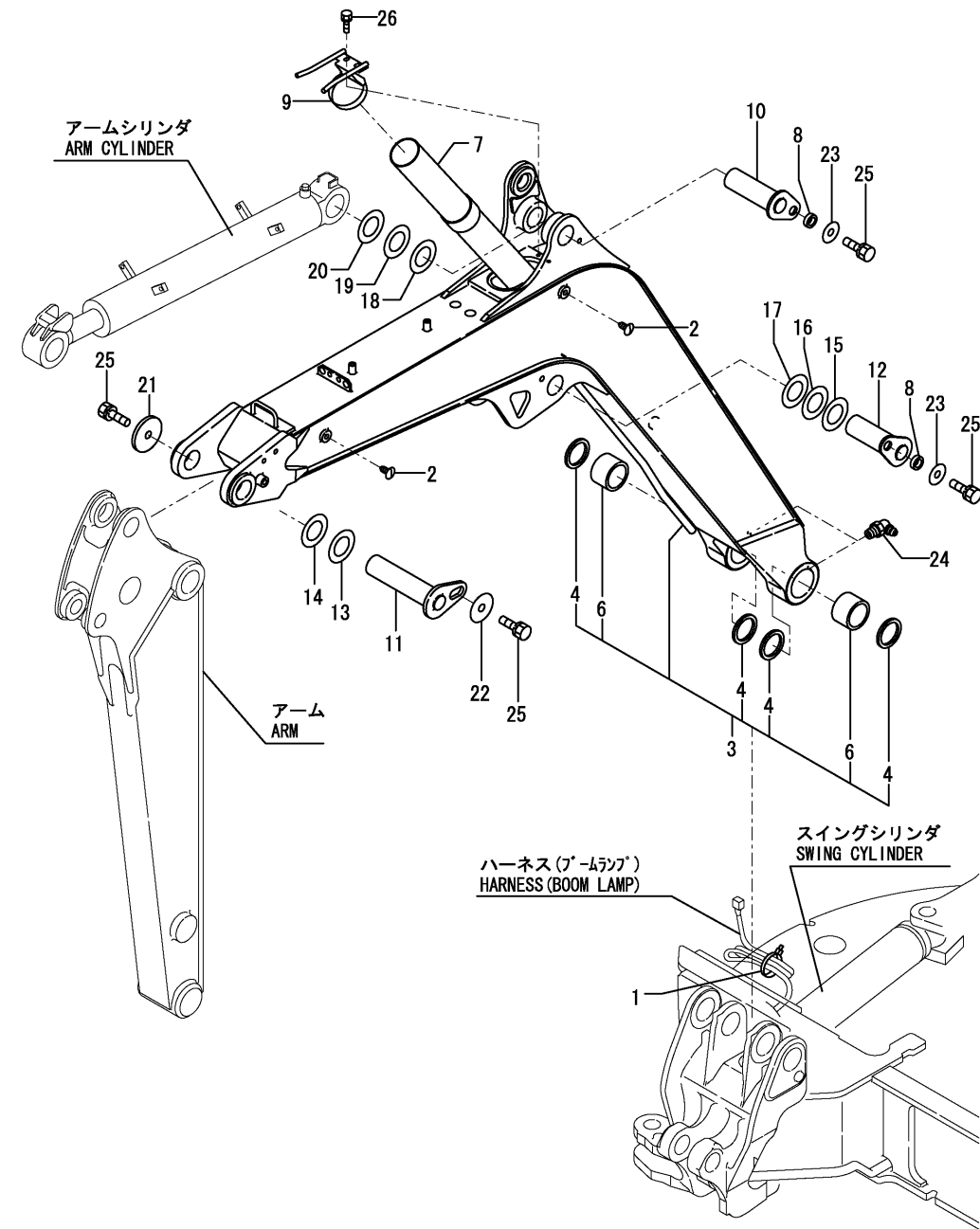
No.	Lev.	Parts No.	Description	(A)=VIO27-3C(JP) (B)=VIO27-3P(JP) (C)=VIO27-3P(EX)			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172175-81700	SHIM	1	1	1					
2	1	172175-81700	SHIM	2	2	2					
3	1	172175-81710	SHIM	1	1	1					
4	1	172175-81710	SHIM	2	2	2					
5	1	172458-81800	PIN 60X113	2	2	2					
6	1	172458-81830	PIN 50X136	1	1	1					
7	1	172458-81920	PIN 40X115	1	1	1					
8	1	172458-81930	PIN 40X111	1	1	1					
9	1	172458-82300	BRACKET,BOOM(GREEN97	1	1	1					
10	2	172142-82310	BUSH 60X50	1	1	1					
12	2	172458-82320	BUSH 60X50	1	1	1					
13	1	172458-82330	PIN 60X334.5	1	1	1					
14	1	172165-82520	SHIM	1	1	1					
15	1	172165-82530	SHIM	1	1	1					
16	1	172165-82580	SHIM	2	2	2					
17	1	172165-82590	SHIM	2	2	2					
18	1	172165-82600	SHIM	2	2	2					Z
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)							
18-1	1	172A25-81900	SHIM	2	2	2					W
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)							
19	1	172117-83970-2	PLATE(C),LOCK	1	1	1					
20	1	22157-120000	WASHER, 12	2	2	2					
21	1	22157-120000	WASHER, 12	1	1	1					
22	1	22242-000600	RING, 60	1	1	1					
23	1	26013-100202	BOLT, M10X 20	2	2	2					
24	1	26013-120302	BOLT, M12X 30	2	2	2					
25	1	26013-120302	BOLT, M12X 30	1	1	1					
26	1	26116-121402	BOLT, M12X165 PLATED	1	1	1					
27	1	26206-141502	BOLT, M14X150 PLATED	1	1	1					
28	1	26716-120002	NUT, M12	2	2	2					
29	1	26716-140002	NUT, M14	2	2	2					



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

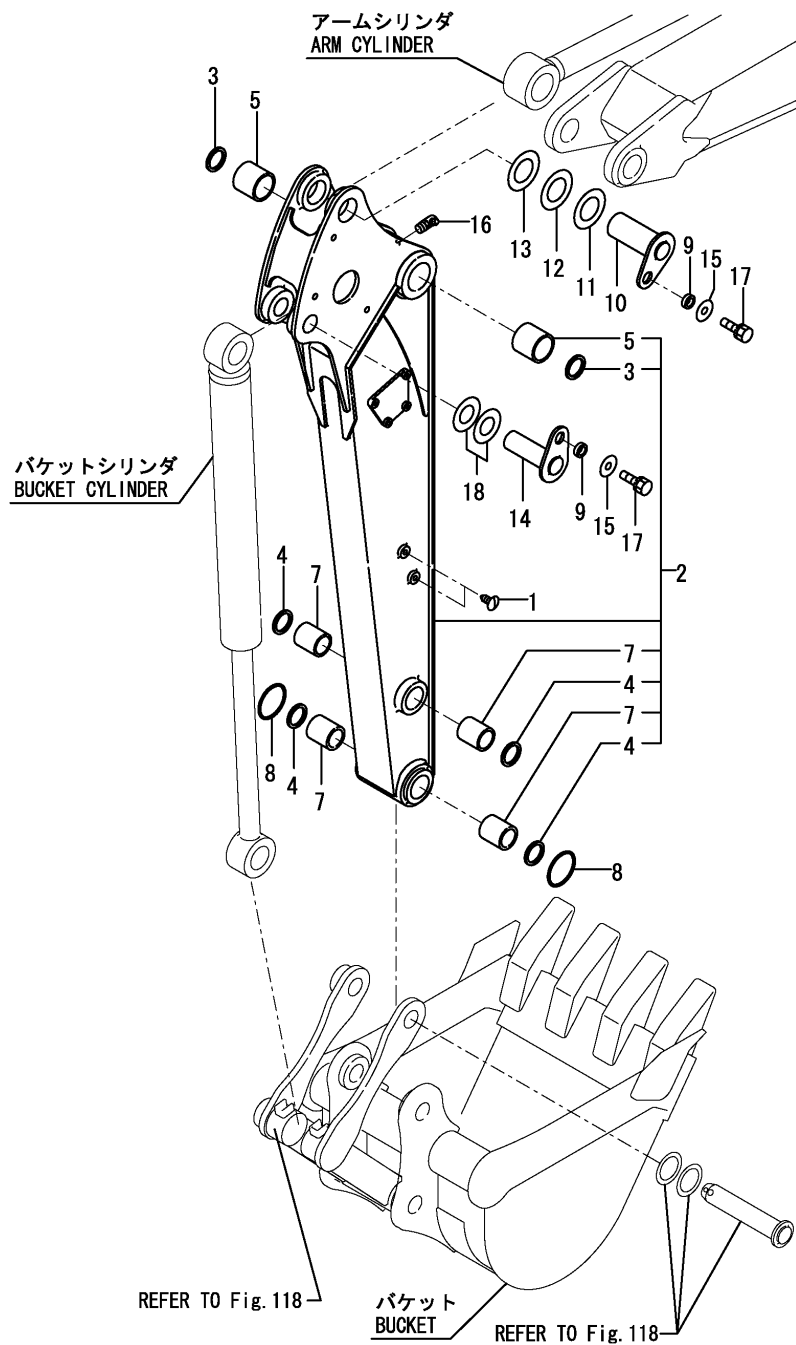
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND 300	1	1						
2	1	172176-68210	CLIP, TREE	5	5						
3	1	172A24-81071	BOOM ASSY,CRANE	1	1						
4	2	172020-10620	SEAL, DUST	4	4						
6	2	172458-81400	BUSH 60X75X50	2	2						
7	1	172457-81451	PIPE ASSY, PROTECT	1	1						
8	1	172164-81670	SPACER	2	2						
9	1	172458-81751	CLAMP, PIPE	1	1						
10	1	172457-81840	PIN 40X153 ASSY	1	1						
11	1	172458-81840	PIN 50X209 ASSY	1	1						
12	1	172457-81860	PIN 45X153 ASSY	1	1						
13	1	172165-82520	SHIM	1	1						
14	1	172165-82530	SHIM	1	1						
15	1	172165-82550	SHIM	1	1						
16	1	172165-82560	SHIM	1	1						
17	1	172165-82570	SHIM	1	1						
18	1	172165-82580	SHIM	1	1						
19	1	172165-82590	SHIM	1	1						
20	1	172165-82600	SHIM	1	1						Z
		(A=M/#30876) (B=M/#30876)									
20-1	1	172A25-81900	SHIM	1	1						W
		(A=M/#30876) (B=M/#30876)									
21	1	172146-82910	SPACER	1	1						
22	1	172444-82990	WASHER	1	1						
23	1	22157-120000	WASHER, 12	2	2						
24	1	24761-050000	NIPPLE, GREASE C	2	2						
25	1	26013-120252	BOLT, M12X 25	4	4						
26	1	26014-080162	BOLT, M8X 16	2	2						



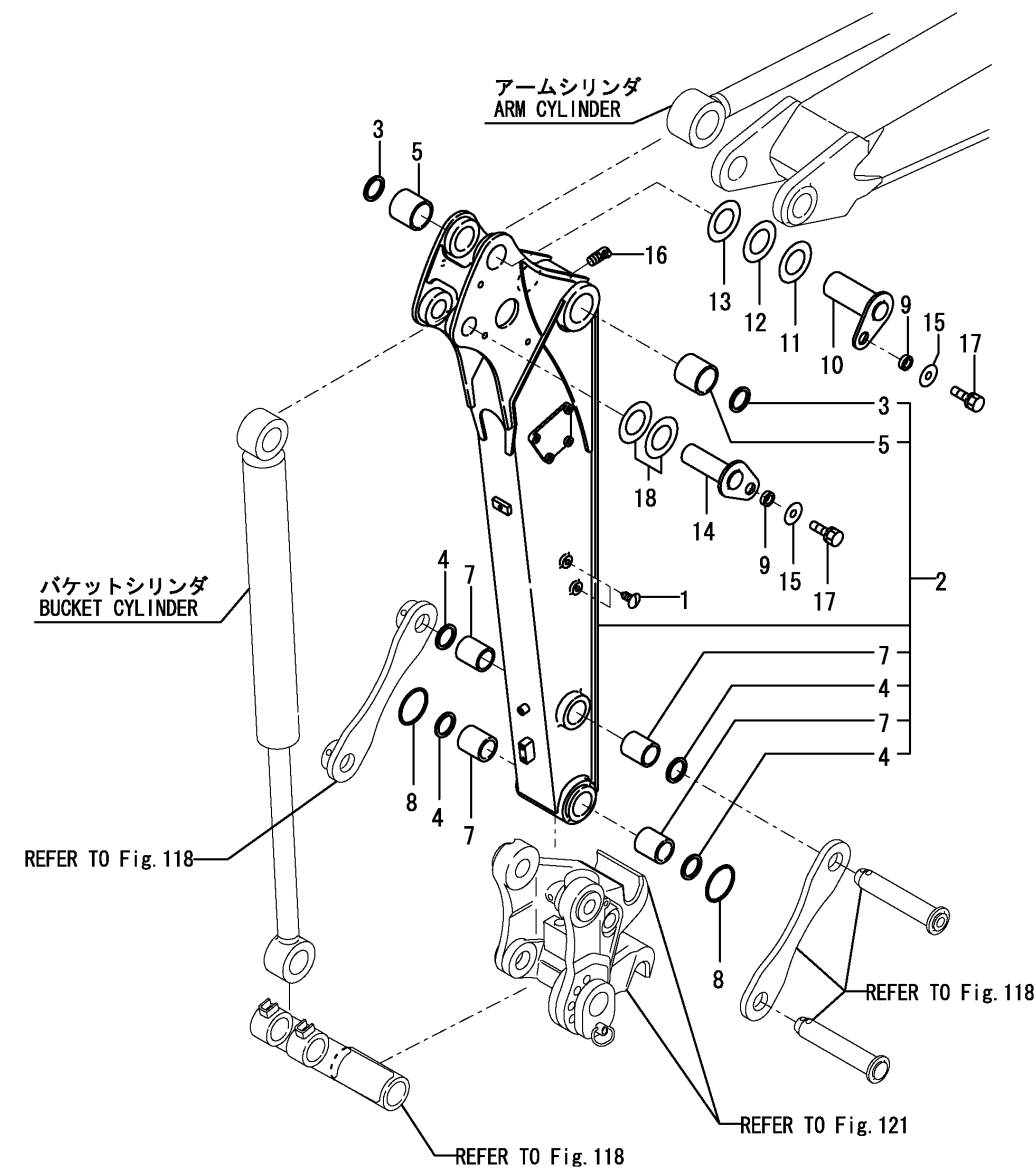
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND 300			1					
2	1	172176-68210	CLIP, TREE			5					
3	1	172A24-81091	BOOM ASSY (GREEN:97)			1					
4	2	172020-10620	SEAL, DUST			4					
6	2	172458-81400	BUSH 60X75X50			2					
7	1	172457-81451	PIPE ASSY, PROTECT			1					
8	1	172164-81670	SPACER			2					
9	1	172458-81751	CLAMP, PIPE			1					
10	1	172457-81840	PIN 40X153 ASSY			1					
11	1	172458-81840	PIN 50X209 ASSY			1					
12	1	172457-81860	PIN 45X153 ASSY			1					
13	1	172165-82520	SHIM			1					
14	1	172165-82530	SHIM			1					
15	1	172165-82550	SHIM			1					
16	1	172165-82560	SHIM			1					
17	1	172165-82570	SHIM			1					
18	1	172165-82580	SHIM			1					
19	1	172165-82590	SHIM			1					
20	1	172165-82600	SHIM			1					Z
			(C=M/#30876)								
20-1	1	172A25-81900	SHIM			1					W
			(C=M/#30876)								
21	1	172146-82910	SPACER			1					
22	1	172444-82990	WASHER			1					
23	1	22157-120000	WASHER, 12			2					
24	1	24761-050000	NIPPLE, GREASE C			2					
25	1	26013-120252	BOLT, M12X 25			4					
26	1	26014-080162	BOLT, M8X 16			2					

Fig.115. ARM

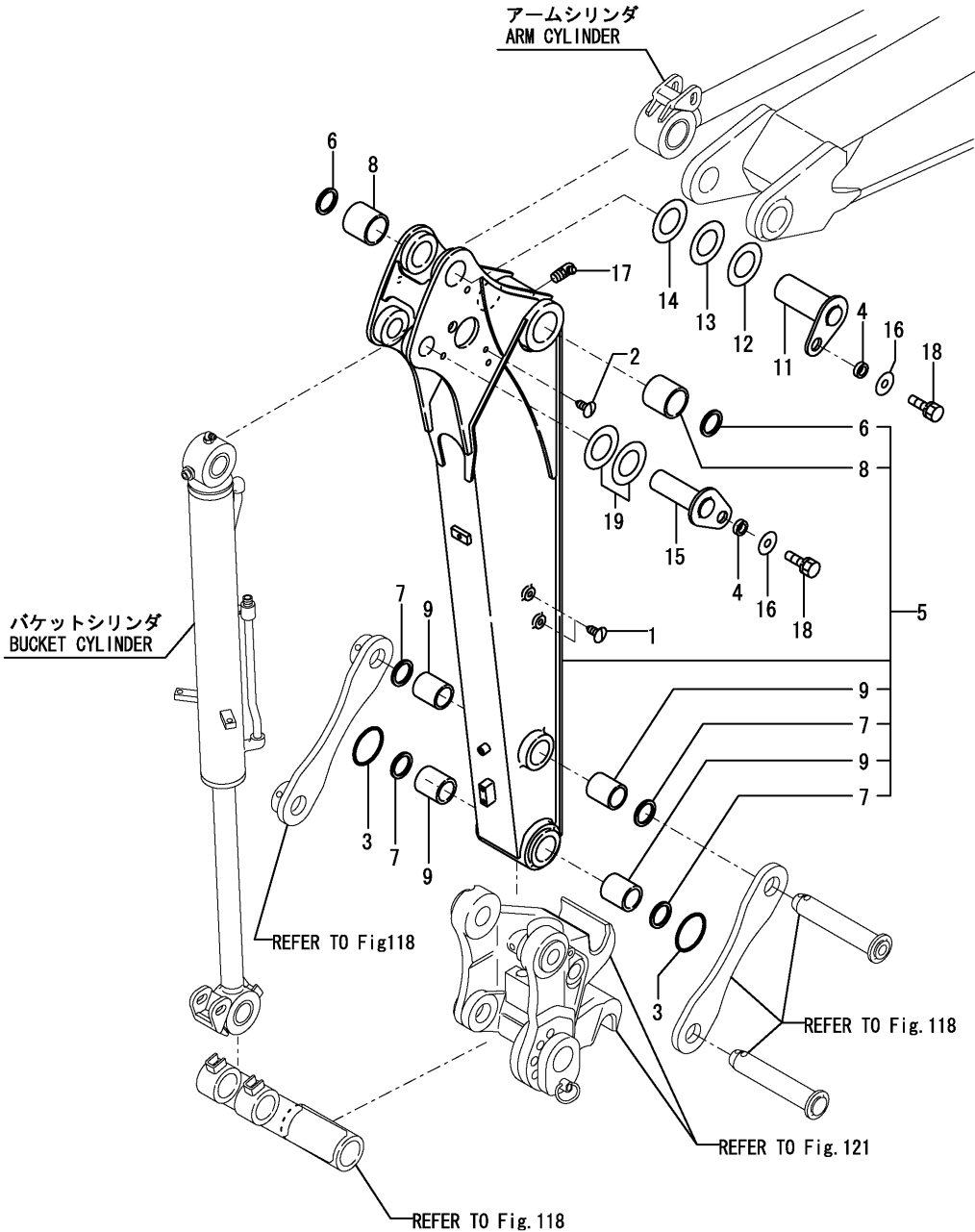


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81160	CLIP, TREE	4	4						
2	1	172A24-81480	ARM ASSY, CRANE 1150	1	1						
3	2	172448-54120	SEAL, DUST	2	2						
4	2	172168-81270	SEAL, DUST	4	4						
5	2	172444-81310	BUSH	2	2						
7	2	172458-81630	BUSH 38-55	4	4						
8	1	172142-81620	O-RING	2	2						
9	1	172164-81670	SPACER	2	2						
10	1	172457-81880	PIN 40X116 ASSY	1	1						
11	1	172165-82580	SHIM	1	1						
12	1	172165-82590	SHIM	1	1						
13	1	172165-82600	SHIM	1	1						Z
(A=M/#30876)		(B=M/#30876)									
13-1	1	172A25-81900	SHIM	1	1						W
(A=M/#30876)		(B=M/#30876)									
14	1	172458-83710	PIN 38X116 ASSY	1	1						
15	1	22157-120000	WASHER, 12	2	2						
16	1	24761-040000	NIPPLE, GREASE B	1	1						
17	1	26013-120252	BOLT, M12X 25	2	2						
18	1	933171-29751	SHIM SET	1	1						

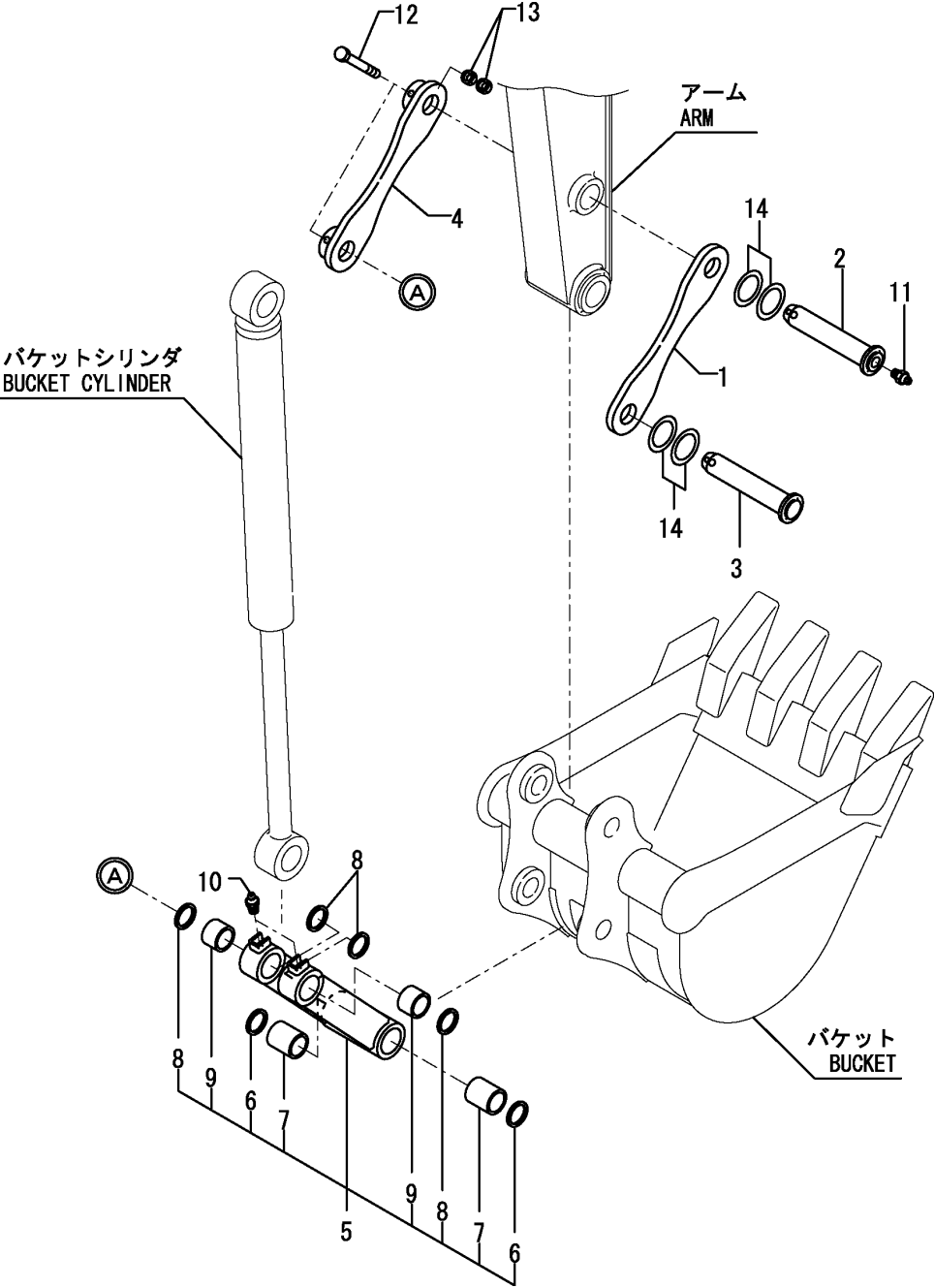
Fig.116. ARM(QUICK HITCH SPEC.)



OCK10-M39802 Fig.116											
				(A)=VIO27-3C(JP)	(D)=						
				(B)=VIO27-3P(JP)	(E)=						
				(C)=VIO27-3P(EX)	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81160	CLIP, TREE	4	4						
2	1	172A31-81481	ARM ASSY, CRANE 1100	1	1						
3	2	172448-54120	SEAL, DUST	2	2						
4	2	172168-81270	SEAL, DUST	4	4						
5	2	172444-81310	BUSH	2	2						
7	2	172458-81630	BUSH 38-55	4	4						
8	1	172142-81620	O-RING	2	2						
9	1	172164-81670	SPACER	2	2						
10	1	172457-81880	PIN 40X116 ASSY	1	1						
11	1	172165-82580	SHIM	1	1						
12	1	172165-82590	SHIM	1	1						
13	1	172165-82600	SHIM	1	1						Z
(A=M/#30876) (B=M/#30876)											
13-1	1	172A25-81900	SHIM	1	1						W
(A=M/#30876) (B=M/#30876)											
14	1	172458-83710	PIN 38X116 ASSY	1	1						
15	1	22157-120000	WASHER, 12	2	2						
16	1	24761-040000	NIPPLE, GREASE B	1	1						
17	1	26013-120252	BOLT, M12X 25	2	2						
18	1	933171-29751	SHIM SET	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81160	CLIP, TREE			4					
2	1	172183-81160	CLIP, TREE			1					
3	1	172142-81620	O-RING			2					
4	1	172164-81670	SPACER			2					
5	1	172957-81702	ARM ASSY			1					
6	2	172448-54120	SEAL, DUST			2					
7	2	172168-81270	SEAL, DUST			4					
8	2	172444-81310	BUSH			2					
9	2	172458-81630	BUSH 38-55			4					
11	1	172457-81880	PIN 40X116 ASSY			1					
12	1	172165-82580	SHIM			1					
13	1	172165-82590	SHIM			1					
14	1	172165-82600	SHIM			1					Z
(C=M/#30876)											
14-1	1	172A25-81900	SHIM			1					W
(C=M/#30876)											
15	1	172458-83710	PIN 38X116 ASSY			1					
16	1	22157-120000	WASHER, 12			2					
17	1	24761-040000	NIPPLE, GREASE B			1					
18	1	26013-120252	BOLT, M12X 25			2					
19	1	933171-29751	SHIM SET			1					

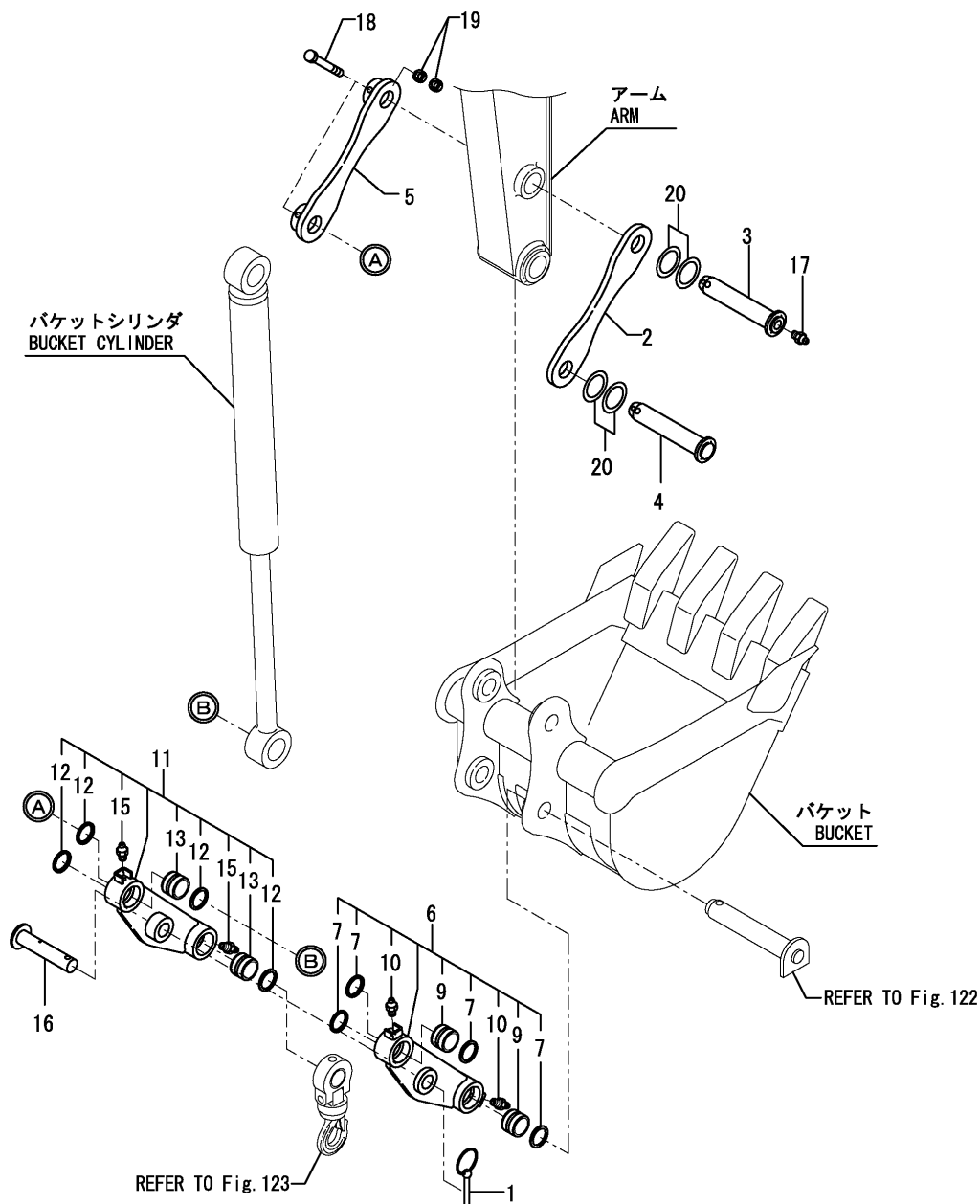


(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

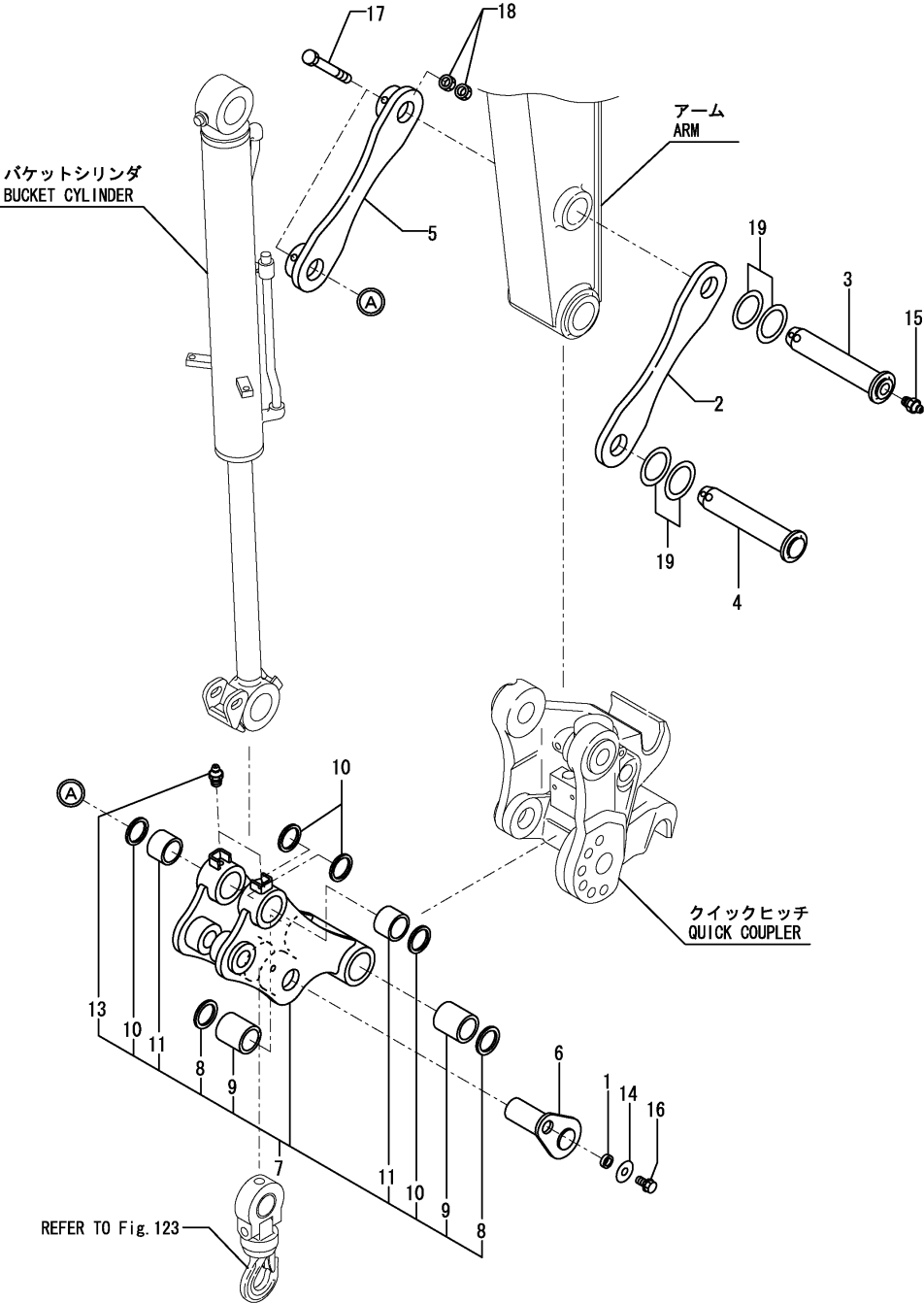
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81820	ARM, BUCKET	1	1	1					
2	1	172458-81860	PIN 38X182 ASSY	1	1	1					
3	1	172458-81890	PIN 38X182 ASSY	1	1	1					
4	1	172458-82600	ARM, BUCKET	1	1	1					
5	1	172458-82651	LINK, BUCKET (97)	1	1	1					
6	2	172168-81270	SEAL, DUST	2	2	2					
7	2	172458-81630	BUSH 38-55	2	2	2					
8	2	172122-82290	SEAL, DUST	4	4	4					
9	2	172168-84411	BUSH 38-48-33.5	2	2	2					
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
11	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
12	1	26116-100752	BOLT, M10X 75 PLATED	2	2	2					
13	1	26716-100002	NUT, M10	4	4	4					
14	1	933171-29751	SHIM SET	2	2	2					

Fig.119. BUCKET ARM & LINK(CRANE SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	794130-71410	PIN ASSY, BALL	1	1						
2	1	172164-81820	ARM, BUCKET		1						
3	1	172458-81860	PIN ASSY		1						
4	1	172458-81890	PIN ASSY		1						
5	1	172458-82600	ARM, BUCKET		1						
6	1	172A25-84400	LINK, BUCKET	1	1						
7	2	172122-82290	SEAL, DUST	4	4						
9	2	172168-84411	BUSH	2	2						
10	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
11	1	172A25-84450	LINK, BUCKET	1	1						
12	2	172122-82290	SEAL, DUST	4	4						
13	2	172168-84411	BUSH	2	2						
15	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	172425-84470	PIN	1	1						
16-1	1	172425-84471	PIN ASSY, HOOK	1	1						N
(A)=*2014.03)		(B)=*2014.03)									
17	1	24761-020000	NIPPLE, GREASE PT1/8		1						
18	1	26116-100752	BOLT, M10X 75 PLATED		2						
19	1	26716-100002	NUT, M10		4						
20	1	933171-29751	SHIM SET		2						

Fig.120. BUCKET ARM & LINK(CRANE & QUICK HITCH SPEC.)



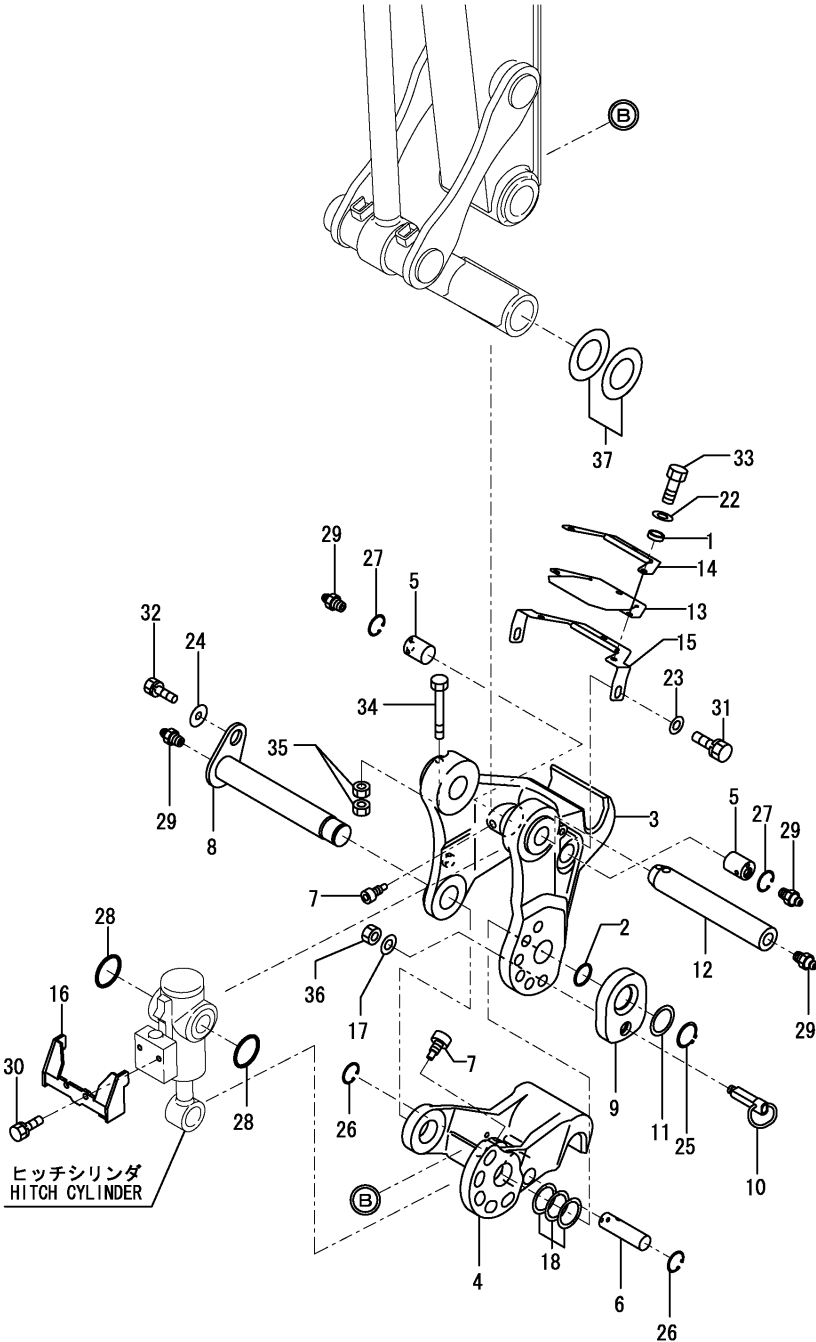
(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	SPACER		1						
2	1	172164-81820	ARM, BUCKET		1						
3	1	172458-81860	PIN 38X182 ASSY		1						
4	1	172458-81890	PIN 38X182 ASSY		1						
5	1	172458-82600	ARM, BUCKET		1						
6	1	172458-83710	PIN 38X116 ASSY		1						
7	1	172A25-84501	LINK Q, BUCKET (97)		1						
8	2	172168-81270	SEAL, DUST		2						
9	2	172458-81630	BUSH 38-55		2						
10	2	172122-82290	SEAL, DUST		4						
11	2	172168-84411	BUSH 38-48-33.5		2						
13	2	24761-020000	NIPPLE, GREASE PT1/8		2						
14	1	22157-120000	WASHER, 12		1						
15	1	24761-020000	NIPPLE, GREASE PT1/8		1						
16	1	26013-120252	BOLT, M12X 25		1						
17	1	26116-100752	BOLT, M10X 75 PLATED		2						
18	1	26716-100002	NUT, M10		4						
19	1	933171-29751	SHIM SET		2						

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

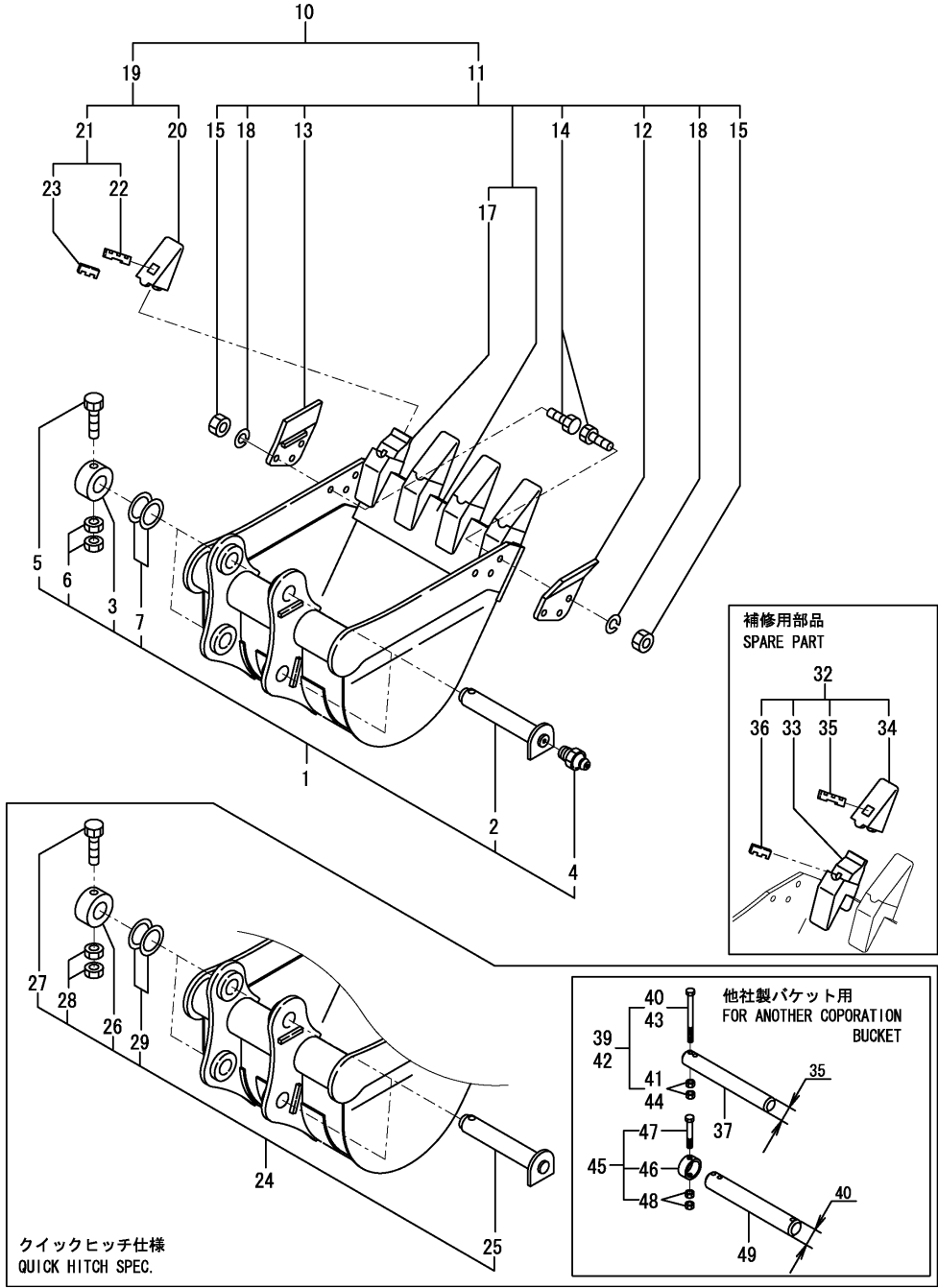
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17120	COLLAR	3	3	3					
2	1	172124-46200	O-RING	1	1	1					
3	1	172958-83102	BRACKET A (GREEN:97)	1	1	1					
4	1	172958-83111	BRACKET B (GREEN:97)	1	1	1					
5	1	172958-83120	PIN 30X37	2	2	2					
6	1	172958-83130	PIN 25X86	1	1	1					
6-1	1	172958-83131	PIN 25X86	1	1	1					N
(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX)											
7	1	172958-83140	BOLT	3	3	3					
8	1	172958-83150	PIN 38X237	1	1	1					
9	1	172958-83171	PLATE,LOCK(GREEN:97)	1	1	1					
10	1	172958-83182	PIN ASSY, LOCK	1	1	1					
11	1	172960-83210	COLLAR	1	1	1					
12	1	172958-83220	PIN 38X242	1	1	1					
13	1	172958-83251	PLATE, RUBBER	1	1	1					
14	1	172958-83281	GUARD ASSY	1	1	1					N
(A=M/#30921) (B=M/#30921) (C=M/#30921)											
15	1	172958-83271	GUARD ASSY	1	1	1					
16	1	172958-83292	COVER, HITCH	1	1	1					
17	1	172958-83330	WASHER 6.4X15.5X1.5	1	1	1					
18	1	172141-84601	SHIM	1	1	1					
22	1	22137-080000	WASHER, 8	3	3	3					
23	1	22137-100000	WASHER, 10	2	2	2					
24	1	22157-120000	WASHER, 12	1	1	1					
25	1	22242-000350	RING, 35	1	1	1					
26	1	22252-000250	RING, 25	2	2	2					
27	1	22252-000300	RING, 30	2	2	2					
28	1	24311-000480	O-RING, 1AP48.0	2	2	2					
29	1	24761-020000	NIPPLE, GREASE PT1/8	4	4	4					
30	1	26013-080162	BOLT, M8X 16	2	2	2					
31	1	26013-100202	BOLT, M10X 20	2	2	2					
32	1	26013-120302	BOLT, M12X 30	1	1	1					
33	1	26116-080202	BOLT, M8X 20 PLATED	3	3	3					
34	1	26116-100802	BOLT, M10X 80 PLATED	1	1	1					
35	1	26716-100002	NUT, M10	2	2	2					
36	1	26756-060002	NUT, LOCK M6	1	1	1					
37	1	933171-29751	SHIM SET	2	2	2					

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

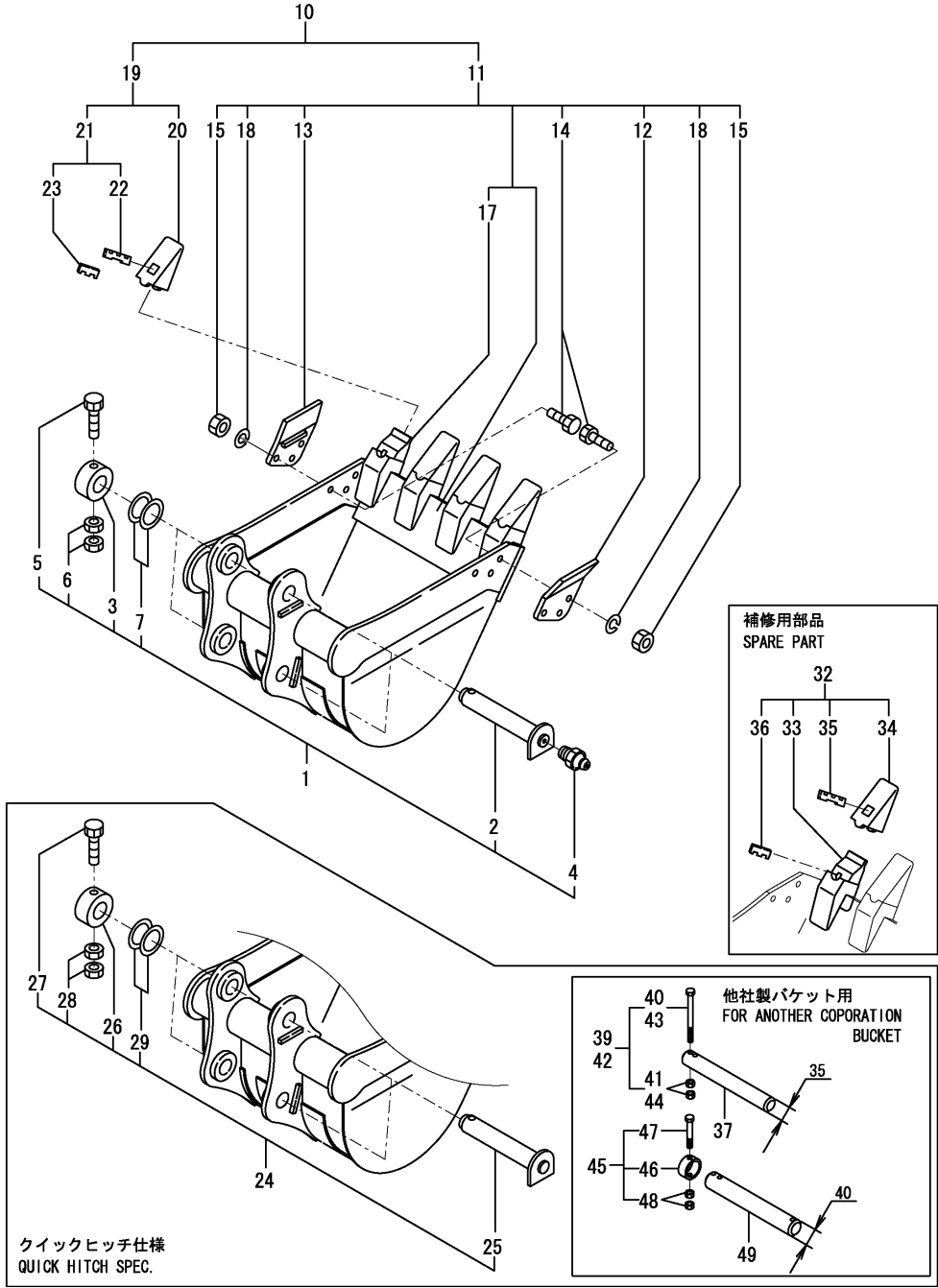
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81950	PIN KIT, BUCKET	2	2						
2	2	172164-81630-W	PIN 38X229	2	2						
3	2	172164-81700	COLLAR	2	2						
4	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
5	2	26116-100652	BOLT, M10X 65 PLATED	2	2						
6	2	26716-100002	NUT, M10	4	4						
7	2	933171-29751	SHIM SET	2	2						
10	1	172458-82500	BUCKET ASSY, 490S	1	1	1					
11	2	172458-82580	BUCKET ASSY, 490S	1	1	1					W
(A=M/#35036) (B=M/#35036) (C=M/#35036)											
12	3	172458-82240	CUTTER, SIDE	1	1	1					
13	3	172458-82260	CUTTER, SIDE	1	1	1					
14	3	172458-82280	BOLT M14X 40	6	6	6					
15	3	172458-82290	NUT	6	6	6					
17	4	172458-82231	ADAPTER	3	3	3					
18	3	22217-140000	WASHER, SPRING 14	6	6	6					
19	2	172448-82950	TOOTH KIT, POINT	3	3	3					
20	3	172448-82570	TOOTH, POINT	3	3	3					
21	3	172448-82960	PIN ASSY, LOCK	3	3	3					
22	4	172448-82580	PIN,LOCK	3	3	3					
23	4	172448-82590	RUBBER,PIN	3	3	3					
24	1	172958-81590	PIN KIT Q,BUCKET	2	2	2					
25	2	172958-81600	PIN 38X229 ASSY	2	2	2					
26	2	172164-81700	COLLAR	2	2	2					
27	2	26116-100652	BOLT, M10X 65 PLATED	2	2	2					
28	2	26716-100002	NUT, M10	4	4	4					
29	2	933171-29751	SHIM SET	2	2	2					
32	1	772458-82231	TOOTH ASSY	3	3	3					
33	2	172458-82231	ADAPTER	3	3	3					
34	2	172448-82570	TOOTH, POINT	3	3	3					
35	2	172448-82580	PIN,LOCK	3	3	3					
36	2	172448-82590	RUBBER,PIN	3	3	3					
37	1	172958-08120	PIN KIT Q35,BUCKET	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
39	1	172956-08130	BOLT KIT 10X85	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
40	2	26116-100852	BOLT, M10X 85 PLATED	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
41	2	26716-100002	NUT, M10	2	2	2					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
42	1	172958-08130	BOLT KIT 10X115	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
43	2	26116-101152	BOLT, M10X115 PLATED	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
44	2	26716-100002	NUT, M10	2	2	2					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
45	1	172958-08140	BOLT KIT 10X65	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
46	2	172958-83380	COLLAR, 40X50.8X22	1	1	1					W
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
47	2	26116-100652	BOLT, M10X 65 PLATED	1	1	1					W

(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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



				(A)=VIO27-3C(JP)					(D)=			
				(B)=VIO27-3P(JP)					(E)=			
				(C)=VIO27-3P(EX)					(F)=			
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
48	(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)									
	2	26716-100002	NUT, M10	2	2	2					W	
	(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)									
49	1	172958-08150	PIN KIT Q40,BUCKET	1	1	1					W	
	(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)									

Fig.123. HOOK(CRANE SPEC.)

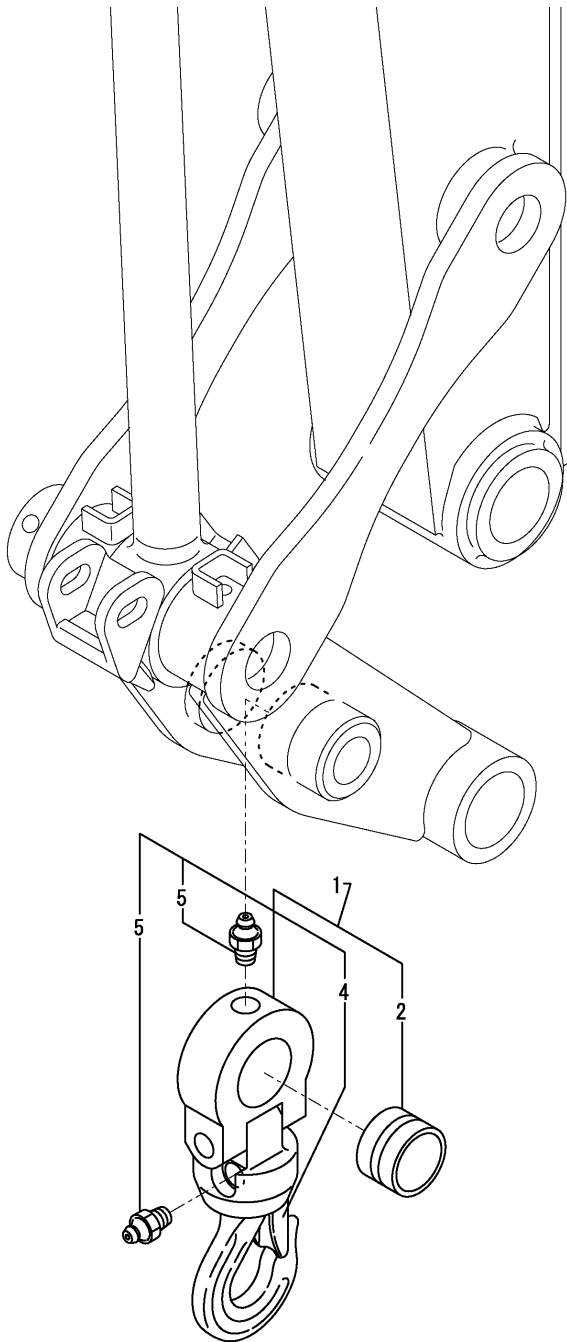
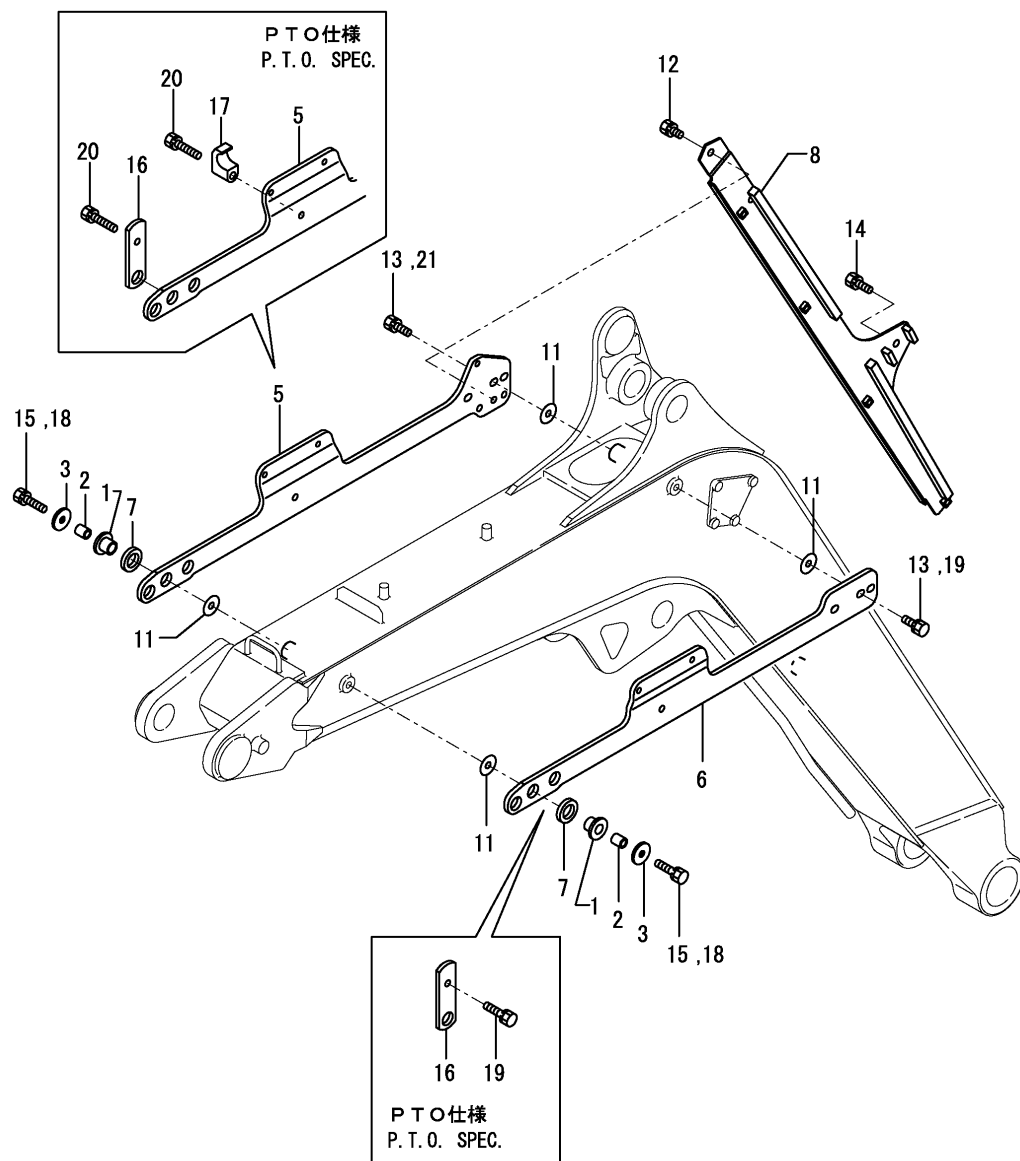
[illegible]

Fig.124. STAY(CRANE SPEC.)



(A)=VIO27-3C(JP)
(B)=VIO27-3P(JP)
(C)=VIO27-3P(EX)

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

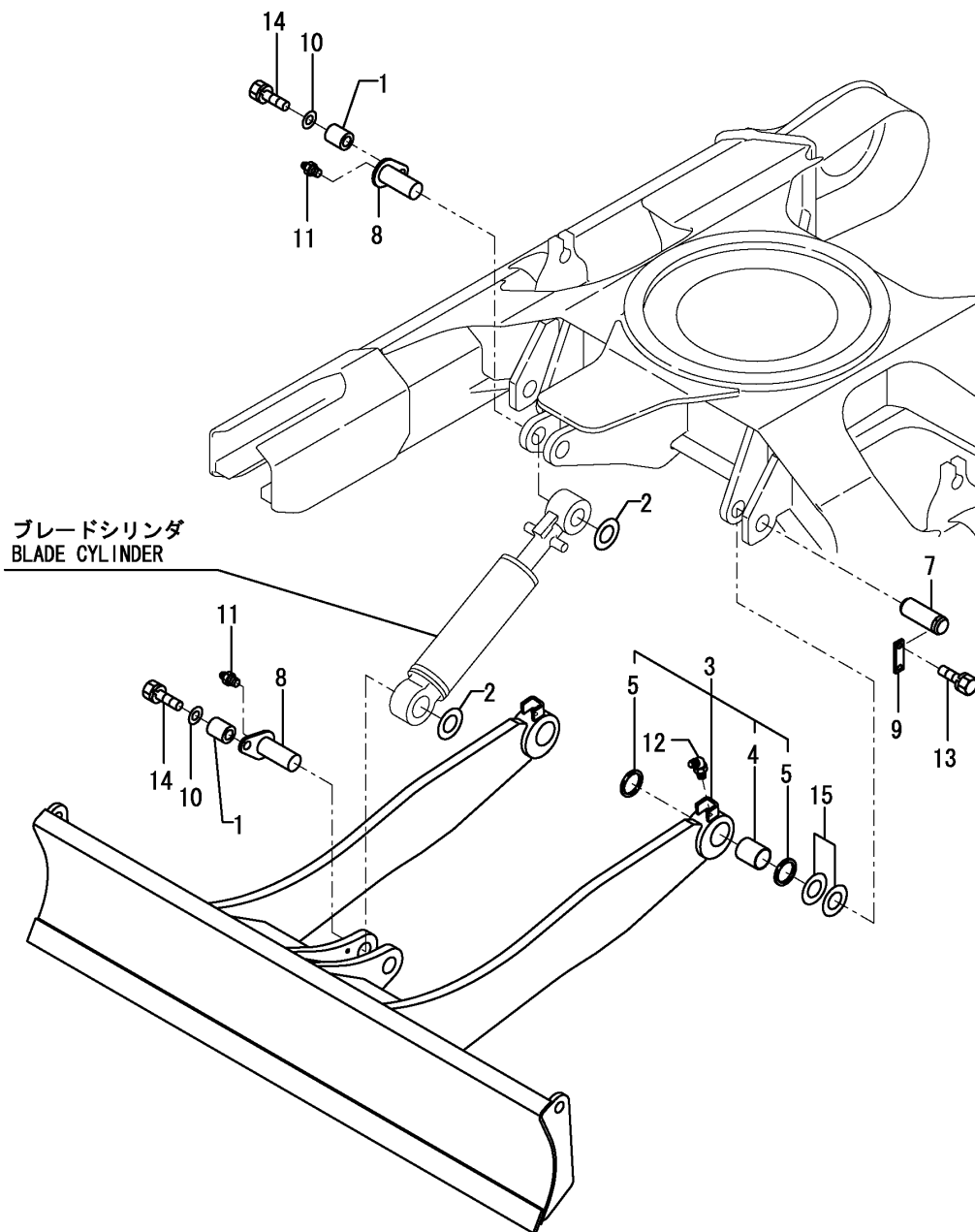
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-68870	GROMMET	2	2						
2	1	172478-68880	COLLAR	2	2						
3	1	172478-68890	WASHER 12X40X4.5	2	2						
5	1	172A25-84100	STAY, COVER	1	1						
6	1	172A25-84110	STAY, COVER	1	1						
7	1	172A25-84120	COLLAR	2	2						
8	1	172A24-84190	STAY, HOSE	1	1						
11	1	22157-120000	WASHER, 12	4	4						
12	1	26013-120202	BOLT, M12X 20	1	1						
13	1	26013-120302	BOLT, M12X 30	2	2						
14	1	26013-120302	BOLT, M12X 30	1	1						
15	1	26013-120452	BOLT, M12X 45	2	2						
16	1	172A25-76690	STAY, CRANE	2	2						1
17	1	172142-76940	CLAMP	1	1						1
18	1	26013-120402	BOLT, M12X 40	2	2						1
19	1	26013-120502	BOLT, M12X 50	2	2						1
20	1	26013-120552	BOLT, M12X 55	2	2						1
21	1	26013-120652	BOLT, M12X 65	1	1						1

Remarks
(1)P.T.O. 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

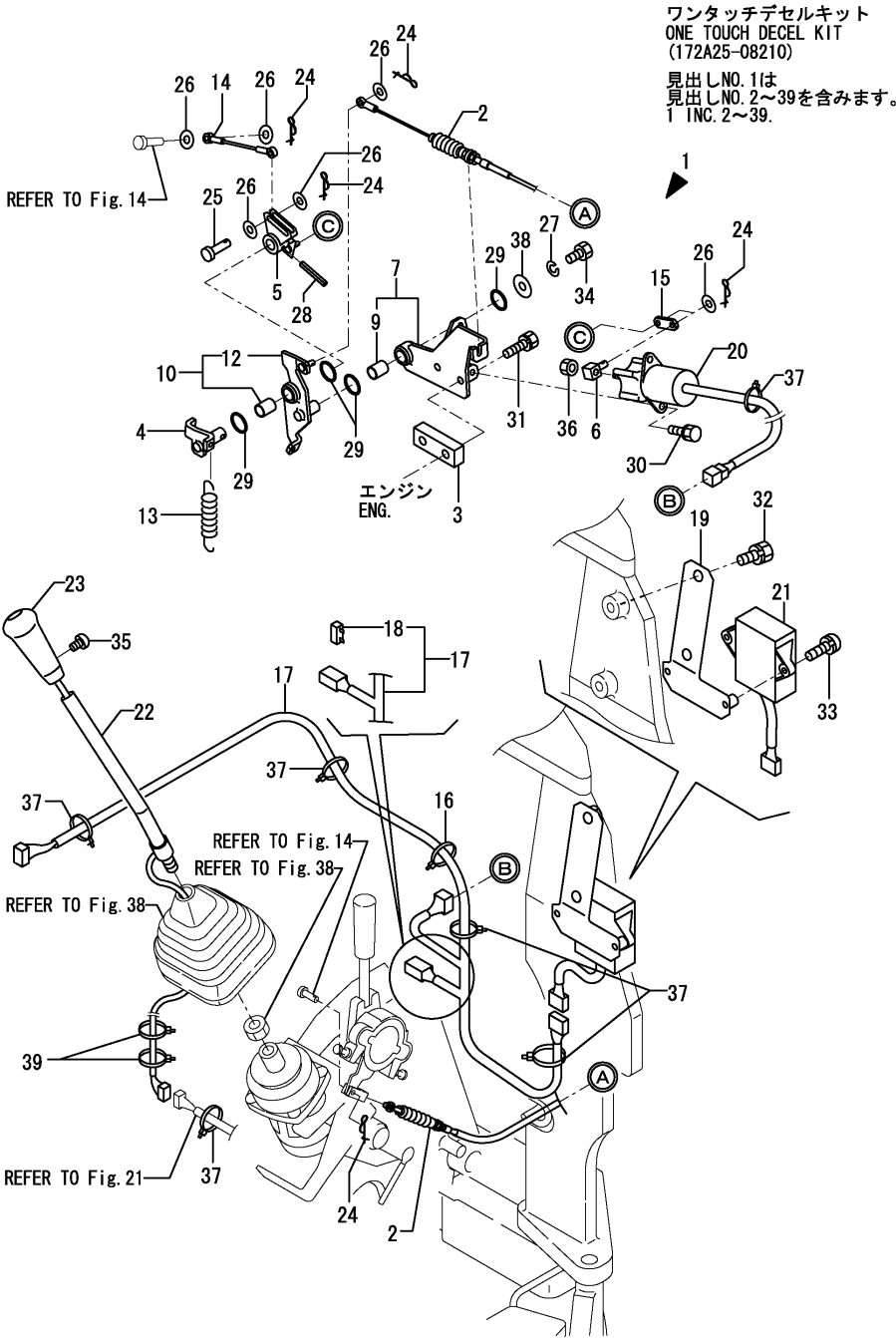
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Fig.125. BLADE



No.	Lev.	Parts No.	Description	(A)=VIO27-3C(JP)	(B)=VIO27-3P(JP)	(C)=VIO27-3P(EX)	(D)=	(E)=	(F)=
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172164-81670	SPACER	2	2	2			
2	1	172112-87860	SHIM	2	2	2			
3	1	172A24-94100	BLADE (GREEN:88)	1	1	1			
4	2	172168-72240	BUSH 38X50X40	2	2	2			
5	2	172168-81270	SEAL, DUST	4	4	4			
7	1	172422-94210	PIN 38X 114	2	2	2			
8	1	172142-94241	PIN 40-106(GREEN:88)	2	2	2			
9	1	172124-94310-1	PLATE (GREEN:88)	2	2	2			
10	1	22157-120000	WASHER, 12	2	2	2			
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2			
12	1	24761-040000	NIPPLE, GREASE B	2	2	2			
13	1	26013-100252	BOLT, M10X 25	4	4	4			
14	1	26013-120302	BOLT, M12X 30	2	2	2			
15	1	933171-29751	SHIM SET	2	2	2			

Fig.126. ONE TOUCH DECEL KIT(OPTIONAL)

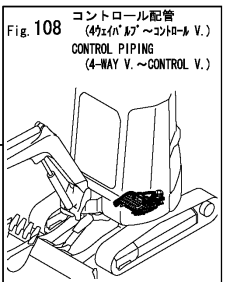


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-08210	DECELERATE KIT	1	1	1					
2	2	172458-12120	CABLE, ACCELERATOR	1	1	1					
3	2	172A21-12200	SPACER	1	1	1					
4	2	172175-12200	SHAFT ASSY	1	1	1					
5	2	172175-12230	LINK A	1	1	1					
6	2	172A21-12250	JOINT	1	1	1					
7	2	172175-12260	BASE CMP	1	1	1					
9	3	24550-014200	BUSH, 14X20	1	1	1					
10	2	172175-12310	LINK B	1	1	1					
12	3	24550-014200	BUSH, 14X20	1	1	1					
13	2	172175-12350	SPRING, RETURN	1	1	1					
14	2	172175-12360	CABLE, ACCELERATOR	1	1	1					
15	2	172175-12370	PLATE	1	1	1					
16	2	172137-16560	BAND	1	1	1					
17	2	172460-16570	HARNESS DECEL ASSY	1	1	1					
18	3	29420-200000	FUSE, B 20A	2	2	2					
19	2	172458-17110	BRACKET, TIMER	1	1	1					
20	2	172162-17180	SOLENOID	1	1	1					
21	2	172190-17220	RELEY, TIMER	1	1	1					
22	2	172458-45070	LEVER L, DECEL.	1	1	1					
23	2	172176-47870	KNOB	1	1	1					
24	2	1C6281-52310	PIN, SNAP 6	6	6	6					
25	2	1A3809-56915	PIN, 6X20	1	1	1					
26	2	22137-060000	WASHER, 6	7	7	7					
27	2	22217-100000	WASHER, SPRING 10	1	1	1					
28	2	22351-040025	PIN, SPRING 4.0X25	1	1	1					
29	2	24311-000210	O-RING, 1AP21.0	4	4	4					
30	2	26013-060162	BOLT, M6X 16	2	2	2					
31	2	26013-080402	BOLT, M8X 40	2	2	2					
32	2	26013-120252	BOLT, M12X 25	2	2	2					
33	2	26022-060252	SCREW, M6X25	2	2	2					
34	2	26116-100162	BOLT, M10X 16 PLATED	1	1	1					
35	2	26587-040062	SCREW, M4X 6	1	1	1					
36	2	26716-060002	NUT, M6	1	1	1					
37	2	933152-09280	BAND 170	6	6	6					
38	2	933166-17730	WASHER	1	1	1					
39	2	933168-55770	BAND 146	2	2	2					

Fig.127. 4-WAY MULTI VALVE KIT(OPTIONAL)

(D)=
(E)=
(F)=VIO27-3 OPT

No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172A04-08510	MULTI KIT, 4-WAY	1	1					
2	1	172A25-08520	CRANE HOSE KIT	1	1					1



1-

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
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.

2-

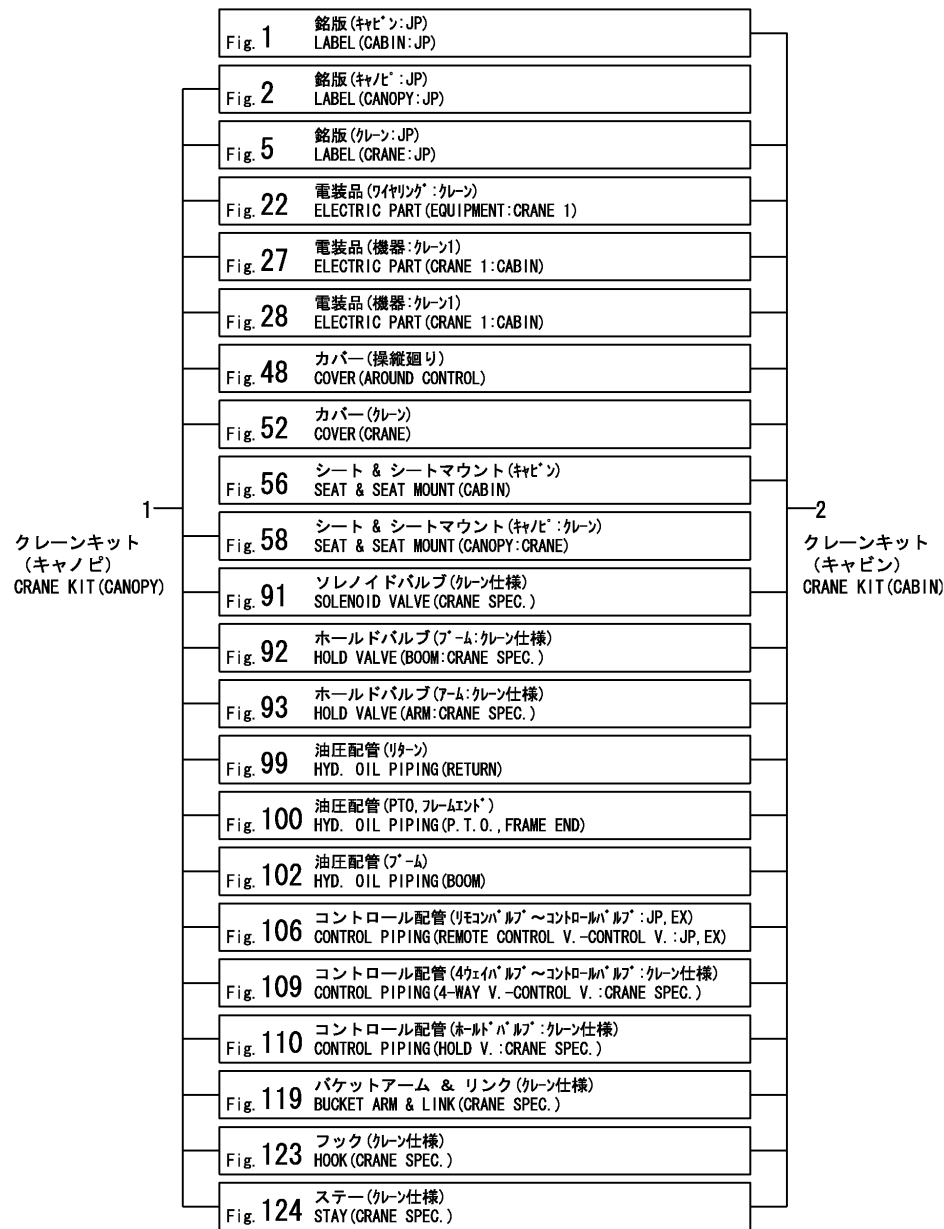
172A25-08520
クレーンホースキット
CRANE HOSE KIT

Remarks
(1)THIS PART IS NECESSARY FOR
CRANE SPEC.
* REFER TO EACH FIGURE, SHOWING
DETAILS OF KIT PARTS.

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

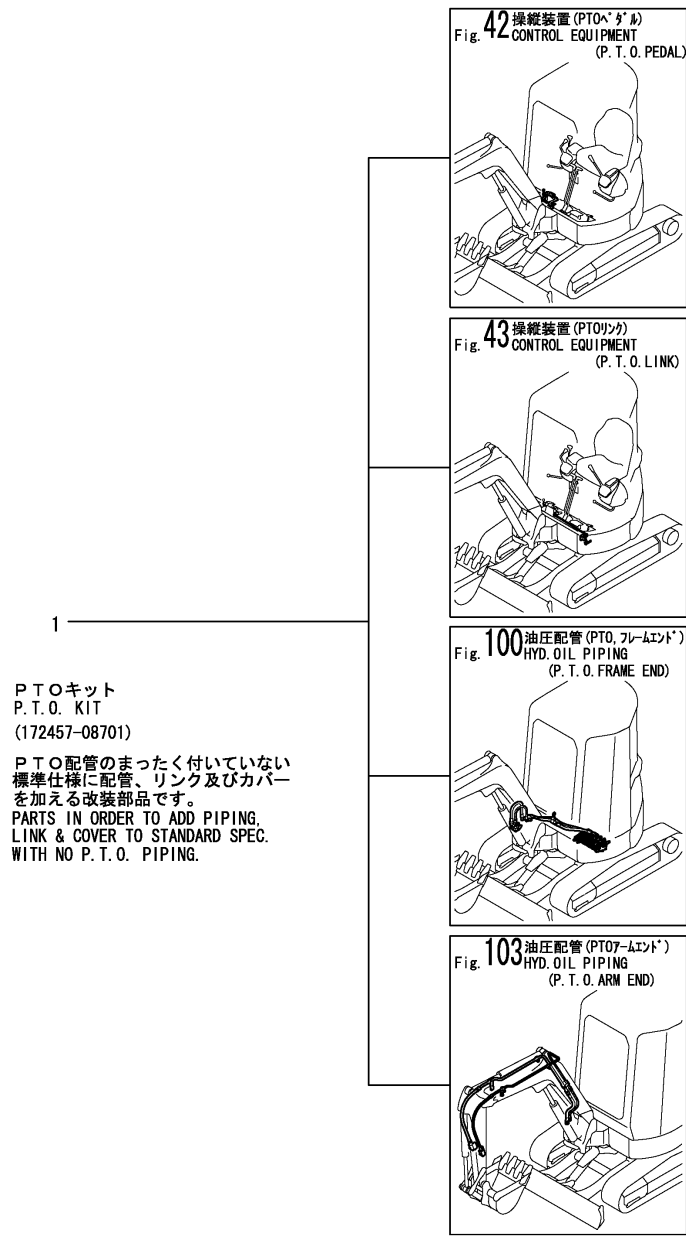
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Fig.128. CRANE KIT(OPTIONAL)

[illegible]

Remarks
* REFER TO EACH FIGURE, SHOWING
DETAILS OF KIT PARTS.

Fig.129. P.T.O. KIT (OPTIONAL)

[illegible]

Remarks
* REFER TO EACH FIGURE, SHOWING
DETAILS OF KIT PARTS.

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119247-77100	23	5
119650-77910	23	7
119802-55710	19	18
119802-77200	23	6
119808-12520	13	5
119808-12540	13	6
119813-13552	12	9
121250-49121	17	6
121450-44531	17	20
121468-44510	17	18
121468-44540	17	21
121470-44540	1	39
	2	39
121470-44581	17	23
124450-44560	17	22
124465-44950	31	20
124766-59050	17	26
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129100-55690	19	17
129107-44590	17	9
129211-77920	23	10
	27	22
129457-44520	17	16 -1
129457-44530	17	41 -1
129612-12560	13	7
129612-52100	19	15
172020-10620	113	4
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172068-28490	42	2
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	92	1
	93	1
172110-36010	100	10
172110-45050	42	11
172110-76170-4	104	8
172112-77361	110	9
172112-87860	125	2
172113-12522	14	5
172116-46630	42	22
172116-76381	98	10
172117-83970-2	112	19
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172122-55061	57	9
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172122-57610	46	12
172122-57620	46	13
		13 -1
172122-57630	46	10
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	79	11
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172123-76121	99	3
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	105	1
	106	1
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	109	1
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172124-70390	80	2
		36
172124-94310-1	125	9
172125-03951	3	52
172125-76900-4	103	11
172126-11510	21	1
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	107	9
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	114	1
172126-16540	22	11
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	31	4
172137-12270	14	4
172137-16560	19	13
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172137-17631	31	13
172137-46040	15	11
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	74	1
	75	1
172137-46041	15	11 -1
	73	1 -1
	74	1 -1
	75	1 -1
172137-46042	15	11 -2
172137-46210	26	9
172137-69850	53	9
	54	22
172137-72453	74	14
172137-73860	81	5
172137-76580	104	9
172141-03202	1	15

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	6	5
	7	5
172141-03360	1	31
	2	31
	3	37
172141-13490	31	3
172141-17150	27	19
172141-37320	32	6
	130	3
172141-41340	37	1
172141-41360	35	3
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	41	5
	42	10
172141-41370	36	5
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		6
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	42	6
	43	7
172141-50762-1	47	1
172141-50763-3	47	1 -1
172141-70110	79	48
172141-70150	79	50
172141-70160	79	51
172141-70410	79	40
172141-70420	79	41
172141-70440	79	42
172141-70450	79	4
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172141-70470	79	6
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172141-72250	71	24
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	76	8
172141-72540	74	25
172141-72690	77	9
172141-73770	95	4
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	110	4
172141-76220	99	19
172141-76920	98	11
172141-77800	111	1
172141-84601	121	18
172142-03302	1	29
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	6	13
	7	13
172142-43591	43	3
172142-57610	46	9
172142-62300	48	11
172142-72260	76	9
172142-72510	75	14
172142-72560	75	21
172142-72951	76	20
172142-73800	81	10
172142-76181	98	7
172142-76270	100	3
172142-76280	100	5
172142-76290	97	8
172142-76940	124	17
172142-76940-4	103	12
172142-76940-5	27	6
172142-76950-4	103	13
172142-77040	100	4
172142-77050	100	6
172142-81620	115	8
	116	8
	117	3
	112	10
172142-82310	125	8
172146-45610	40	28
172146-61370	48	5
	49	5
172146-73730	95	5
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172147-70390	80	37
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172147-70610	79	80
172147-76260	98	9
172148-70301	69	6
	70	6
	79	52
	80	33
172148-72050	73	13
172148-72390	73	23
172148-72791	75	26
172148-72941	75	27
172148-73870	81	12
172151-03551	1	42
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	90	20
172151-45010	38	1
172151-74601	90	1
172151-74740	90	4
172151-76580	99	31
172151-77801	111	2
172156-65690	60	31
172156-72400	78	2
172156-72770	78	15
172156-81430	17	28
172157-03130	1	4
	2	4
172157-03741	3	51
172157-45990	40	22
172157-58830	38	12
172157-76150	99	8
172157-76300	110	6
172162-12480	41	1
172162-13200	15	8
172162-14200	18	5
172162-17180	126	20
172162-46690	36	8
172162-61870	49	24
172162-69050	61	24
172162-69470	65	22
172162-69480	65	23
172162-69490	65	24
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	2	34
	6	16
	7	16
172164-03540	1	36
	2	36
	6	17
	7	17
172164-45041	38	4
172164-45050	38	5
172164-45061	38	6
172164-45070	38	7
172164-45080	38	9
172164-45090	38	10
172164-45880	27	15
172164-45970	39	3
172164-45980	49	3
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	115	9
	116	9
	117	4
	120	1
	125	1
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172458-03260	1	47
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172458-12100	14	1
172458-12110	14	2
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172458-13100	15	2
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