

0CS10-M44901EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) Vio27-3 for U. S. A. ,
Australia & New Zealand.

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	000Y00S4490	Sep. , 2004	Disuse old edition
	Engine	000Y00B7150		
1st revised	Vehicle	000Y00S4491	Nov. , 2006	
	Engine	000Y00B7151		

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio27-3 C(US)	30501~35252	2004/06~2006/06
	(B)	Vio27-3 P(US)		
	(C)	Vio27-3 C(AS)		
	(D)	Vio27-3 P(AS)		
	(E)	Vio27-3 C(NZ)		
	(F)	Vio27-3 P(NZ)		
II (Engine)	(A)	3TNV82A-XBV	07279~	2004/05~

(Note) C:Cabin P:Canopy US:U. S. A. AS:Australia NZ:New Zealand

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.

Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185)	(B=E00200)								
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156)	(B=E00156)	(C=E00156)	(D=E00156)	(E=E00156)					
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks
(1) BOOST COMPEMSATOR TYPE. OPTIONAL PART, TO E00155,(4JH-DT, 4JH-DTZ

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ----- Main parts (Assembly parts)

2 ----- Sub component included in " 1 ".

3 ----- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \rightarrow \end{matrix}$ New	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \rightarrow \end{matrix}$ New	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \rightarrow \end{matrix}$ New	New/ Old Parts are both interchangeable.
S	Old $\begin{matrix} \leftarrow \text{No} \\ \text{No} \rightarrow \end{matrix}$ New	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

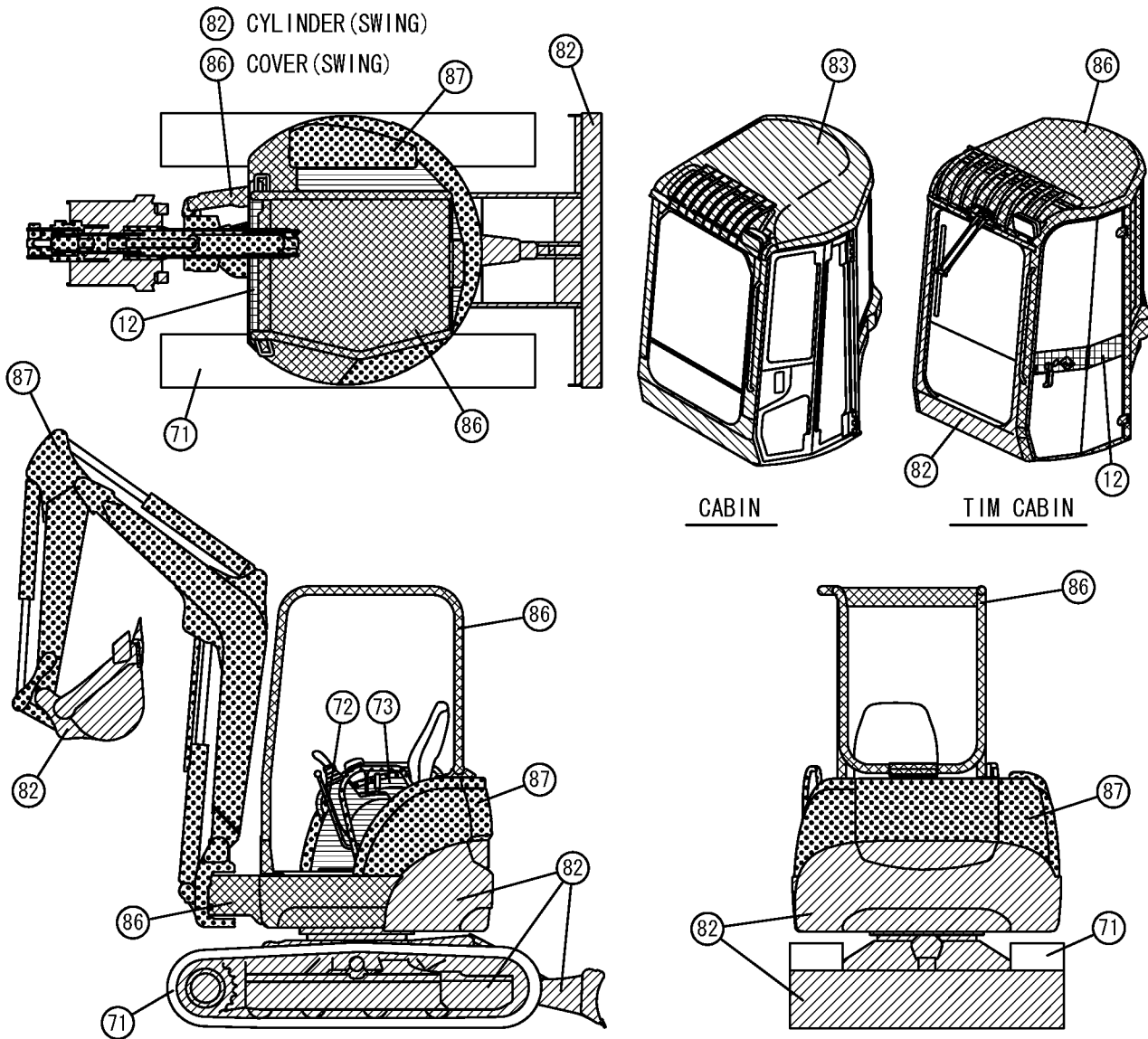
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

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

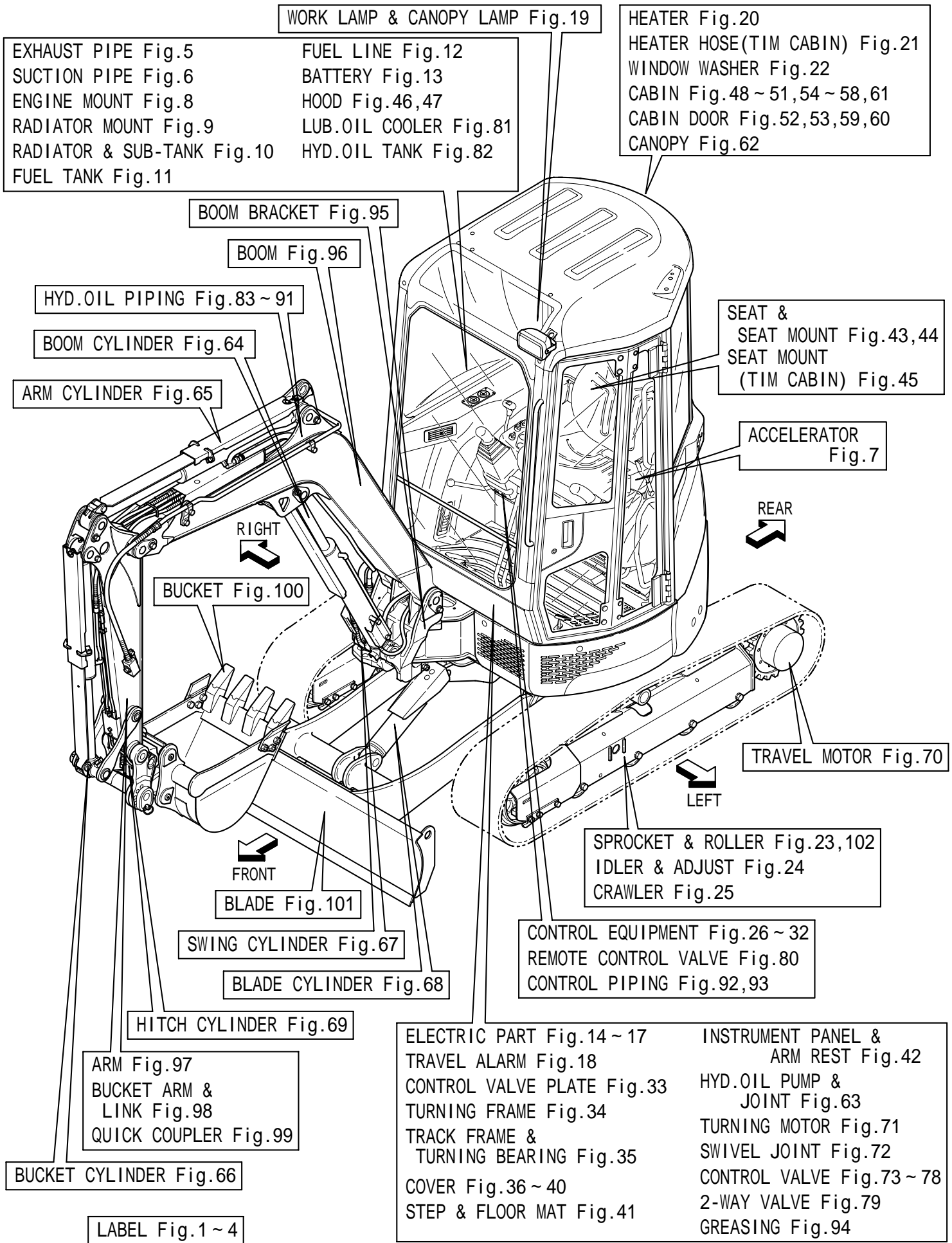
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

VEHICLE PAINTED COLOR

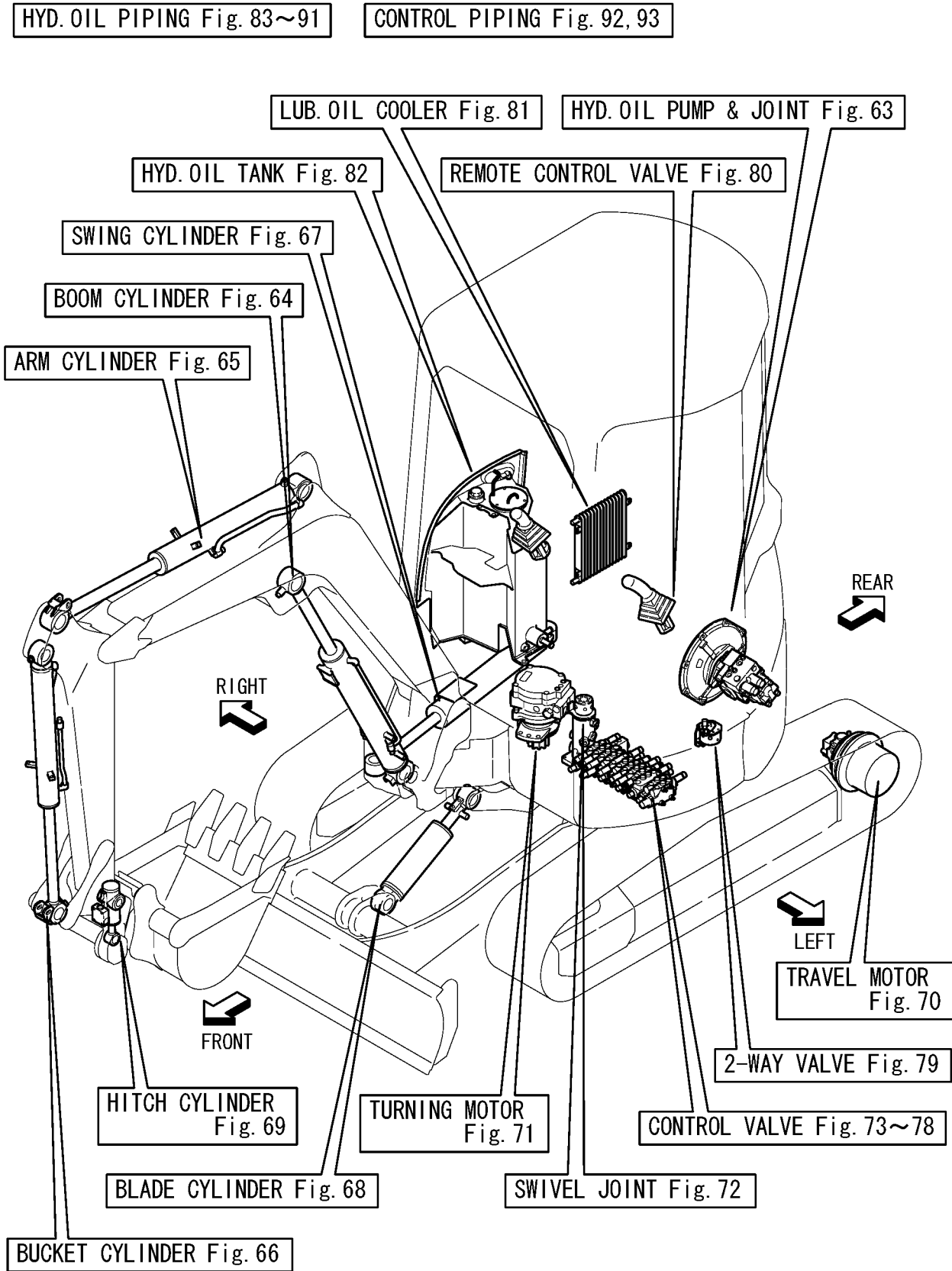


Color Code	Description	Painted Color	Munsel No.	Paint Part No.		
				16L Can	4L Can	SPRAY
82		YANMAR Deep Green	6. 39BG2. 13/1. 73	981101-09517	977620-40820	977620-30N31
87		YANMAR New Permanent Yellow	5. 15Y8. 45/10. 81	981101-09519	977620-40870	977620-30871
86		YANMAR New Grayish Green	2. 62BG4. 76/2. 87	981101-09616	977620-40860	977620-30861
72		YANMAR Dark Olive Gray	7. 21Y2. 92/0. 79	-----	977620-40720	TOR-90460003
73		YANMAR Warm Gray	5. 52Y4. 91/1. 09	-----	-----	TOR-90450003
12		YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
83		YANMAR Grayish Green	2. 15G4. 87/1. 52	981101-09615	977620-40830	977620-30N41
71		YANMAR Charcoal Gray	N-1. 80	981101-09516	977620-40710	977620-30371

PICTURESQUE INDEX(1) • • • MAIN PARTS



PICTURESQUE INDEX (2) . . . HYDRAULIC SECTION



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3. LABEL(SAFETY)(CABIN)
4. LABEL(SAFETY)(CANOPY)

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7. ACCELERATOR
8. ENGINE MOUNT
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10. RADIATOR & SUB TANK
11. FUEL TANK
12. FUEL PIPING

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15. EQUIPMENT
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Fig. No. Fig. Name

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23. SPROCKET & ROLLER
102. (23A)TRACK ROLLER(K SPEC.)
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25. CRAWLER

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- 40. COVER(CANOPY)

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- 41. STEP & FLOOR MAT
- 42. INSTRUMENT PANEL & ARM REST
- 43. SEAT & SEAT MOUNT(CABIN)
- 44. SEAT & SEAT MOUNT(CANOPY)
- 45. SEAT MOUNT(TIM CABIN)

BONNET

- 46. BONNET(1)
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CABIN

- 22. WINDOW WASHER
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Fig. No. Fig. Name

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Contents

OCS10-M44901

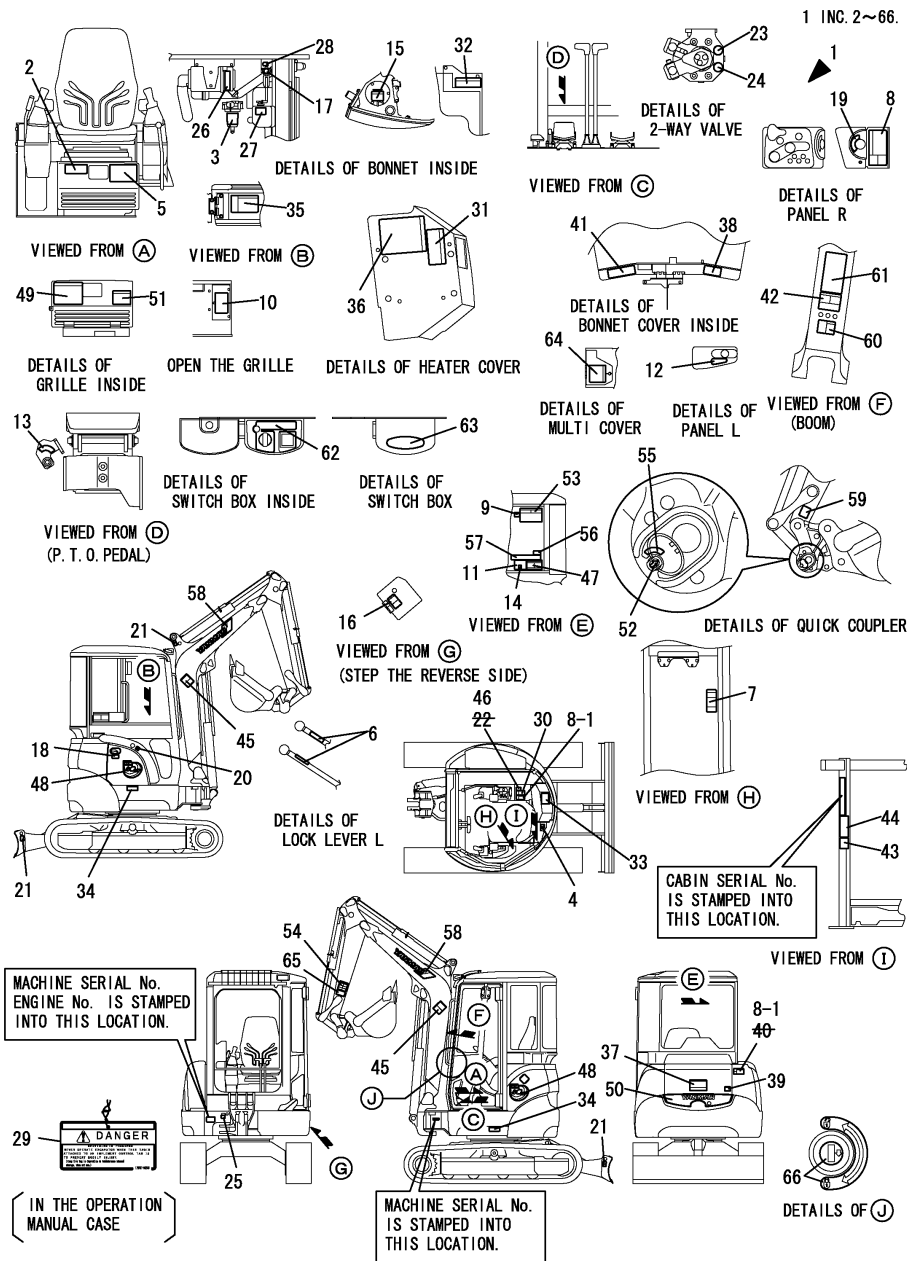
Fig. No.	Fig. Name
74.	CONTROL VALVE(2/6)
75.	CONTROL VALVE(3/6)
76.	CONTROL VALVE(4/6)
77.	CONTROL VALVE(5/6)
78.	CONTROL VALVE(6/6)
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82.	HYD. OIL TANK

HYDRAULIC OIL PIPING

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84.	PUMP - CONTROL VALVE - TURNING MOTOR
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86.	RETURN
87.	P.T.O.(FRAME END)
88.	TRAVEL FRAME
89.	BOOM
90.	P.T.O.(ARM END)
91.	QUICK COUPLER
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93.	CONTROL PIPING(REMOTE CONTROL VALVE - 2WAY VALVE - CONTROL VALVE)
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Fig. No.	Fig. Name
IMPLEMENT	
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96.	BOOM
97.	ARM
98.	BUCKET ARM & LINK
99.	QUICK COUPLER
100.	BUCKET
101.	BLADE

Fig.1. LABEL(CABIN)



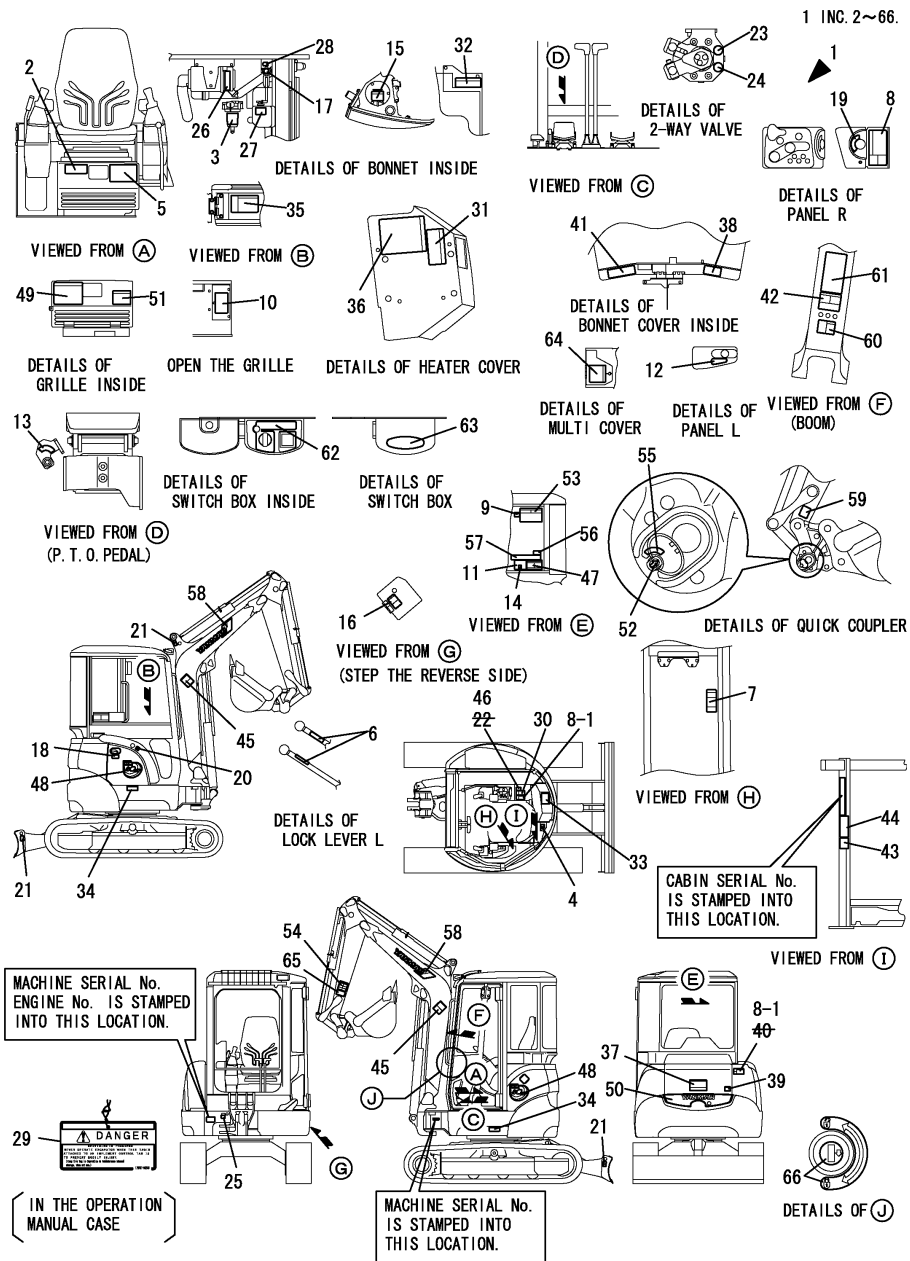
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A37-03120	LABEL SET C(V27-3 US	1	1		1				
2	2	172A37-03110	LABEL,SPECIFICATION	1	1		1				
2-1	2	172A37-03111	LABEL, SPECIFICATION	1	1		1				N
3	2	172A07-03160	LABEL (A=M/#30739) (C=M/#30739)	1	1		1				
4	2	172472-03180	LABEL,VENTILATION				1		1		
5	2	172472-03200	LABEL,SUPORT C US	1	1		1				
5-1	2	172472-03141	LABEL, SUPPORT (A=M/#30778) (C=M/#30778)	1	1		1		1		N
6	2	172183-03280	LABEL, LOCK	1	1		1				
7	2	172463-03320	LABEL,F/W LOWER US				1		1		
8	2	172A36-03410	LABEL, ENGINE ROOM	1	1		1				
8-1	2	172A36-03411	LABEL, ENGINE ROOM (A=M/#31031) (C=M/#31031)	2	2		2		2		K
9	2	172437-03550	LABEL,WINDOW	1	1		1				
9-1	2	172437-03551	LABEL, WINDOW US (A=M/#30778) (C=M/#30778)	1	1		1		1		N
10	2	172472-03171	LABEL,FUSE US	1	1		1				
11	2	172490-03200	LABEL, OPERATION	1	1		1				
12	2	172458-03220	LABEL, ACCELERATOR	1	1		1				
13	2	172458-03240	LABEL, LOCK	1	1		1				
14	2	172496-03250	LABEL, PTO	1	1		1				
15	2	172463-03290	LABEL, HYD.OIL	1	1		1				
16	2	172438-03300	LABEL, PTO SELECT	1	1		1				
17	2	172462-03320	LABEL, RADIATOR	1	1		1				
18	2	172463-03330	LABEL,COVER	1	1		1				
19	2	172141-03360	LABEL, START SWITCH	1	1		1				
20	2	172437-03500	LABEL, FUEL	1	1		1				
20-1	2	172437-03501	LABEL, FUEL (A=M/#30778) (C=M/#30778)	1	1		1		1		N
21	2	172437-03510	LABEL, HOOK	4	4		4				
21-1	2	172437-03511	LABEL, HOOK (A=M/#30778) (C=M/#30778)	4	4		4		4		N
21-2	2	172437-03511	LABEL, HOOK (A=M/#30501) (C=M/#30501)	3	3		3		3		K
22	2	172437-03530	LABEL,RE-START (A=M/#30778) (C=M/#30778)	1	1		1		1		Z
23	2	172437-03610	LABEL	1	1		1				
24	2	172437-03620	LABEL	1	1		1				
25	2	172157-03740	LABEL	1	1		1				
25-1	2	172157-03741	LABEL, GREASE US (A=M/#30778) (C=M/#30778)	1	1		1		1		N
26	2	172125-03950	LABEL, AIR CLEANER	1	1		1				
26-1	2	172125-03951	LABEL, AIR CLEANER (A=M/#30778) (C=M/#30778)	1	1		1		1		N
27	2	124764-44810	LABEL, SUB TANK	1	1		1				
27-1	2	172A38-03200	LABEL, SUB-TANK US (A=M/#30778) (C=M/#30778)	1	1		1		1		N
27-2	2	172A38-03201	LABEL, SUB TANK (A=M/#31282) (C=M/#31282)	1	1		1		1		N
28	2	124764-44920	LABEL, ANTI-FREEZING	1	1		1				

Remarks
 (1)Rubber crawler specification.

Fig.1. LABEL(CABIN)



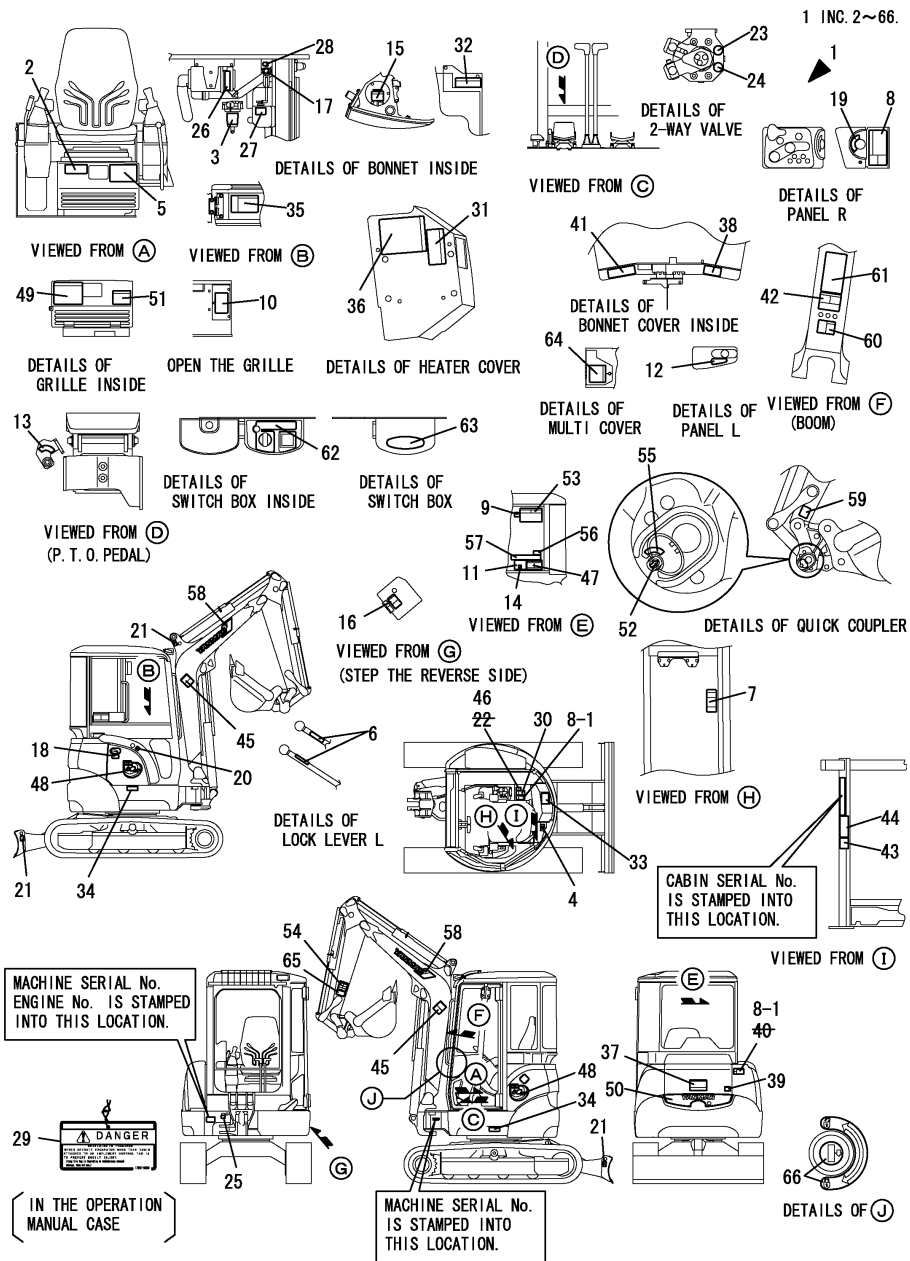
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28-1	2	172A38-03210 (A=M/#30778)	LABEL,ANTI-FREEZING (C=M/#30778)	1	1		1			N	
28-2	2	172A38-03211 (A=M/#31282)	LABEL, ANTI-FREEZING (C=M/#31282)	1	1		1			N	
29	2	172437-03250	TAG ASSY, CAUTION	1	1		1			N	
29-1	2	172437-03251 (A=M/#31112)	TAG ASSY, CAUTION (C=M/#31112)	1	1		1			N	
29-2	2	172437-03252 (A=M/#31282)	TAG ASSY, CAUTION (C=M/#31282)	1	1		1			N	
30	2	172437-03300	LABEL,MANUAL	1	1		1			N	
30-1	2	172437-03301 (A=M/#30778)	LABEL, MANUAL US (C=M/#30778)	1	1		1			N	
30-2	2	172437-03302 (A=M/#31282)	LABEL, MANUAL (C=M/#31282)	1	1		1			N	
31	2	172437-03310	LABEL,SLOPE	1	1		1			N	
31-1	2	172437-03311 (A=M/#30778)	LABEL, SLOPE US (C=M/#30778)	1	1		1			N	
31-2	2	172437-03312 (A=M/#31112)	LABEL, SLOPE (C=M/#31112)	1	1		1			N	
32	2	172437-03321	LABEL,HYD.OIL TANK	1	1		1			N	
32-1	2	172437-03322 (A=M/#30778)	LABEL, RESEVOIR (C=M/#30778)	1	1		1			N	
33	2	172437-03341	LABEL,TRANSPORT	1	1		1			N	
33-1	2	172437-03342 (A=M/#30778)	LABEL, TRANSPORT US (C=M/#30778)	1	1		1			N	
33-2	2	172437-03343 (A=M/#31282)	LABEL, TRANSPORT (C=M/#31282)	1	1		1			N	
34	2	172437-03351	LABEL,GREASE CYL.	2	2		2			N	
34-1	2	172437-03352 (A=M/#30778)	LABEL, CYLINDER (C=M/#30778)	2	2		2			N	
35	2	172437-03360	LABEL,BATTERY	1	1		1			N	
35-1	2	172437-03361 (A=M/#30778)	LABEL, BATTERY (C=M/#30778)	1	1		1			N	
36	2	172437-03371	LABEL	1	1		1			N	
36-1	2	172437-03372 (A=M/#30778)	LABEL, NEUTRAL (C=M/#30778)	1	1		1			N	
37	2	172437-03380	LABEL,SWING AREA	1	1		1			N	
37-1	2	172437-03381 (A=M/#30778)	LABEL, SWING AREA (C=M/#30778)	1	1		1			N	
38	2	172437-03390	LABEL,RADIATOR	1	1		1			N	
38-1	2	172437-03391 (A=M/#30778)	LABEL, RADIATOR (C=M/#30778)	1	1		1			N	
39	2	172437-03401	LABEL (ENG COVER US)	1	1		1			N	
39-1	2	172437-03402 (A=M/#30778)	LABEL, ENGINE COVER (C=M/#30778)	1	1		1			N	
40	2	172437-03411 (A=M/#30958)	LABEL (ENG ROOM US) (C=M/#30958)	1	1		1			Z	
41	2	172437-03421	LABEL,MUFFLER	1	1		1			N	
41-1	2	172437-03422 (A=M/#30778)	LABEL, MUFFLER (C=M/#30778)	1	1		1			N	
42	2	172437-03431	LABEL,STEERING	1	1		1			N	

Remarks
 (1)Rubber crawler specification.

Fig.1. LABEL(CABIN)



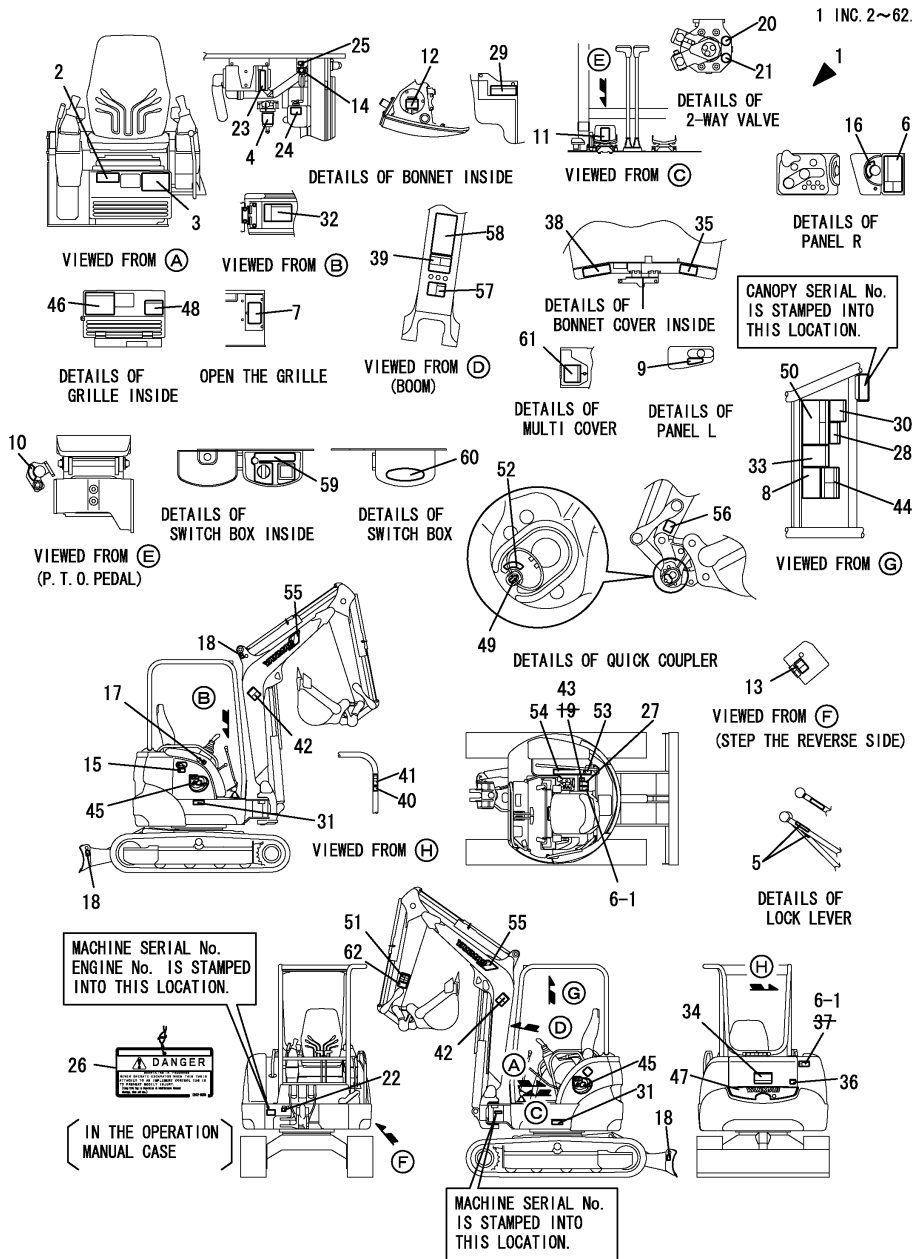
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42-1	2	172437-03432 (A=M/#30778)	LABEL, STEERING (C=M/#30778)	1 (E=M/#30778)	1		1				N
43	2	172437-03440	LABEL,ROPS	1	1		1				N
43-1	2	172437-03441 (A=M/#30778)	LABEL, ROPS (C=M/#30778)	1 (E=M/#30778)	1		1				N
44	2	172437-03450	LABEL,SEAT BELT	1	1		1				N
44-1	2	172437-03451 (A=M/#30778)	LABEL, SEAT BELT (C=M/#30778)	1 (E=M/#30778)	1		1				N
45	2	172437-03460	LABEL, BOOM	2	2		2				N
45-1	2	172437-03461 (A=M/#30778)	LABEL, BOOM (C=M/#30778)	2 (E=M/#30778)	2		2				N
46	2	172437-03470	LABEL,LEVER LOCK	1	1		1				N
46-1	2	172437-03471 (A=M/#30778)	LABEL, LEVER LOCK (C=M/#30778)	1 (E=M/#30778)	1		1				N
47	2	172437-03600	LABEL	1	1		1				N
47-1	2	172437-03601 (A=M/#30778)	LABEL, 2-WAY US (C=M/#30778)	1 (E=M/#30778)	1		1				N
48	2	172472-03121	LABEL, MODEL	2	2		2				N
49	2	172472-03150	LABEL,OIL&WATER	1	1		1				N
50	2	172458-03160	LABEL, REAR	1	1		1				N
51	2	172472-03160	LABEL,GREASE	1	1		1				N
52	2	172958-03160	LABEL	1	1		1				N
53	2	172472-03222	LABEL, LIFT Q US	1	1		1				N
53-1	2	172472-03223 (A=M/#30778)	LABEL, LIFT Q US (C=M/#30778)	1 (E=M/#30778)	1		1				N
54	2	172472-03230	LABEL, OPERATION	1	1		1				N
55	2	172458-03240	LABEL, LOCK	1	1		1				N
56	2	172472-03240	LABEL,PIN US	1	1		1				N
56-1	2	172472-03241 (A=M/#30778)	LABEL, PIN US (C=M/#30778)	1 (E=M/#30778)	1		1				N
57	2	172472-03250	LABEL, OPERATION	1	1		1				N
58	2	172171-03261	LABEL, BOOM	2	2		2				N
59	2	172472-03260	LABEL,FINGER	1	1		1				N
59-1	2	172472-03261 (A=M/#30778)	LABEL, FINGER (C=M/#30778)	1 (E=M/#30778)	1		1				N
60	2	172472-03270	LABEL,SAND US	1	1		1				N
60-1	2	172472-03271 (A=M/#30778)	LABEL, SANDUS (C=M/#30778)	1 (E=M/#30778)	1		1				N
61	2	172472-03280	LABEL	1	1		1				N
61-1	2	172472-03281 (A=M/#30778)	LABEL, WARNING HITCH (C=M/#30778)	1 (E=M/#30778)	1		1				N
62	2	172472-03290	LABEL, SWITCH	1	1		1				N
63	2	172472-03300	LABEL, COVER	1	1		1				N
64	2	172437-03241	LABEL,CRAWLER	1	1		1				1
64-1	2	172437-03242 (A=M/#30778)	LABEL, CRAWLER (C=M/#30778)	1 (E=M/#30778)	1		1				N 1
65	2	172472-03330 (A=M/#30876)	LABEL, LOCK PIN (C=M/#30876)	1 (E=M/#30876)	1		1				W
66	2	172458-03601 (A=M/#30827)	LABEL, DOOR LOCK (C=M/#30827)	1 (E=M/#30827)	1		1				W

Remarks
 (1)Rubber crawler specification.

Fig.2. LABEL(CANOPY)



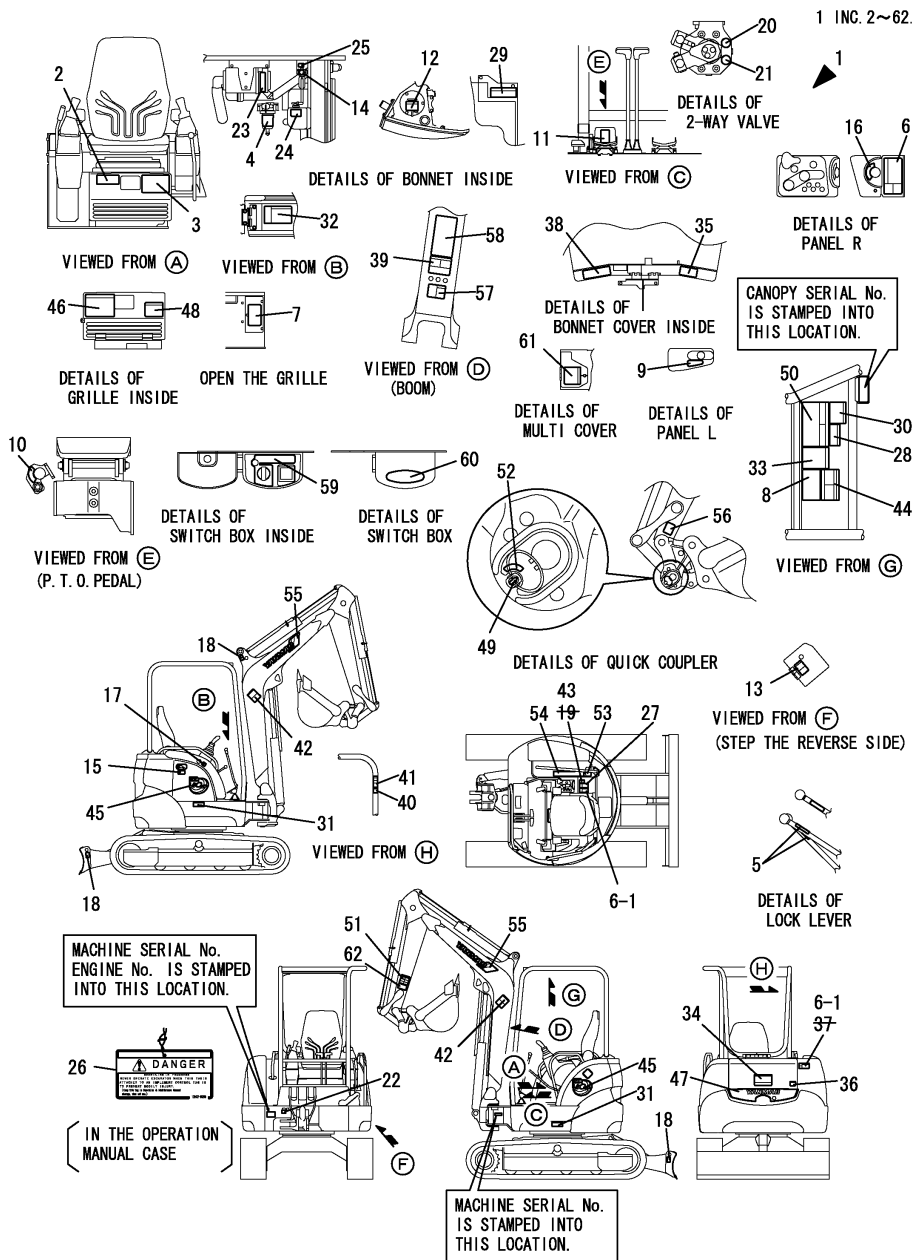
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A37-03110	LABEL SET P(V27-3 US	1	1		1				
2	2	172A37-03110	LABEL,SPECIFICATION	1	1		1				
2-1	2	172A37-03111	LABEL, SPECIFICATION	1	1		1	1	1	N	
3	2	172472-03140	LABEL,SUPORT US				(D=M/#30739)				(F=M/#30739)
3-1	2	172472-03141	LABEL, SUPPORT	1	1			1	1	N	
4	2	172A07-03160	LABEL	1	1						(F=M/#30778)
5	2	172183-03280	LABEL, LOCK	2	2			2	2		
6	2	172A36-03410	LABEL, ENGINE ROOM	1	1			1	1		
6-1	2	172A36-03411	LABEL, ENGINE ROOM	2	2			2	2	K	
7	2	172472-03171	LABEL,FUSE US	1	1						(F=M/#31031)
8	2	172490-03200	LABEL, OPERATION	1	1			1	1		
9	2	172458-03220	LABEL, ACCELERATOR	1	1			1	1		
10	2	172458-03240	LABEL, LOCK	1	1			1	1		
11	2	172496-03250	LABEL, PTO	1	1			1	1		
12	2	172463-03290	LABEL, HYD.OIL	1	1			1	1		
13	2	172438-03300	LABEL, PTO SELECT	1	1			1	1		
14	2	172462-03320	LABEL, RADIATOR	1	1			1	1		
15	2	172463-03330	LABEL,COVER	1	1			1	1		
16	2	172141-03360	LABEL, START SWITCH	1	1			1	1		
17	2	172437-03500	LABEL, FUEL	1	1			1	1		
17-1	2	172437-03501	LABEL, FUEL	1	1			1	1	N	
18	2	172437-03510	LABEL, HOOK	4	4			4	4		
18-1	2	172437-03511	LABEL, HOOK	4	4			4	4	N	
18-2	2	172437-03511	LABEL, HOOK	3	3			3	3	K	
19	2	172437-03530	LABEL,RE-START	1	1			1	1	Z	
20	2	172437-03610	LABEL	1	1			1	1		
21	2	172437-03620	LABEL	1	1			1	1		
22	2	172157-03740	LABEL	1	1			1	1		
22-1	2	172157-03741	LABEL, GREASE US	1	1			1	1	N	
23	2	172125-03950	LABEL, AIR CLEANER	1	1			1	1		
23-1	2	172125-03951	LABEL, AIR CLEANER	1	1			1	1	N	
24	2	124764-44810	LABEL, SUB TANK	1	1			1	1		
24-1	2	172A38-03200	LABEL, SUB-TANK US	1	1			1	1	N	
24-2	2	172A38-03201	LABEL, SUB TANK	1	1			1	1	N	
25	2	124764-44920	LABEL, ANTI-FREEZING	1	1			1	1		
25-1	2	172A38-03210	LABEL,ANTI-FREEZING	1	1			1	1	N	
25-2	2	172A38-03211	LABEL, ANTI-FREEZING	1	1			1	1	N	
26	2	172437-03250	TAG ASSY, CAUTION	1	1			1	1		

Remarks
 (1)Rubber crawler specification.

Fig.2. LABEL(CANOPY)



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

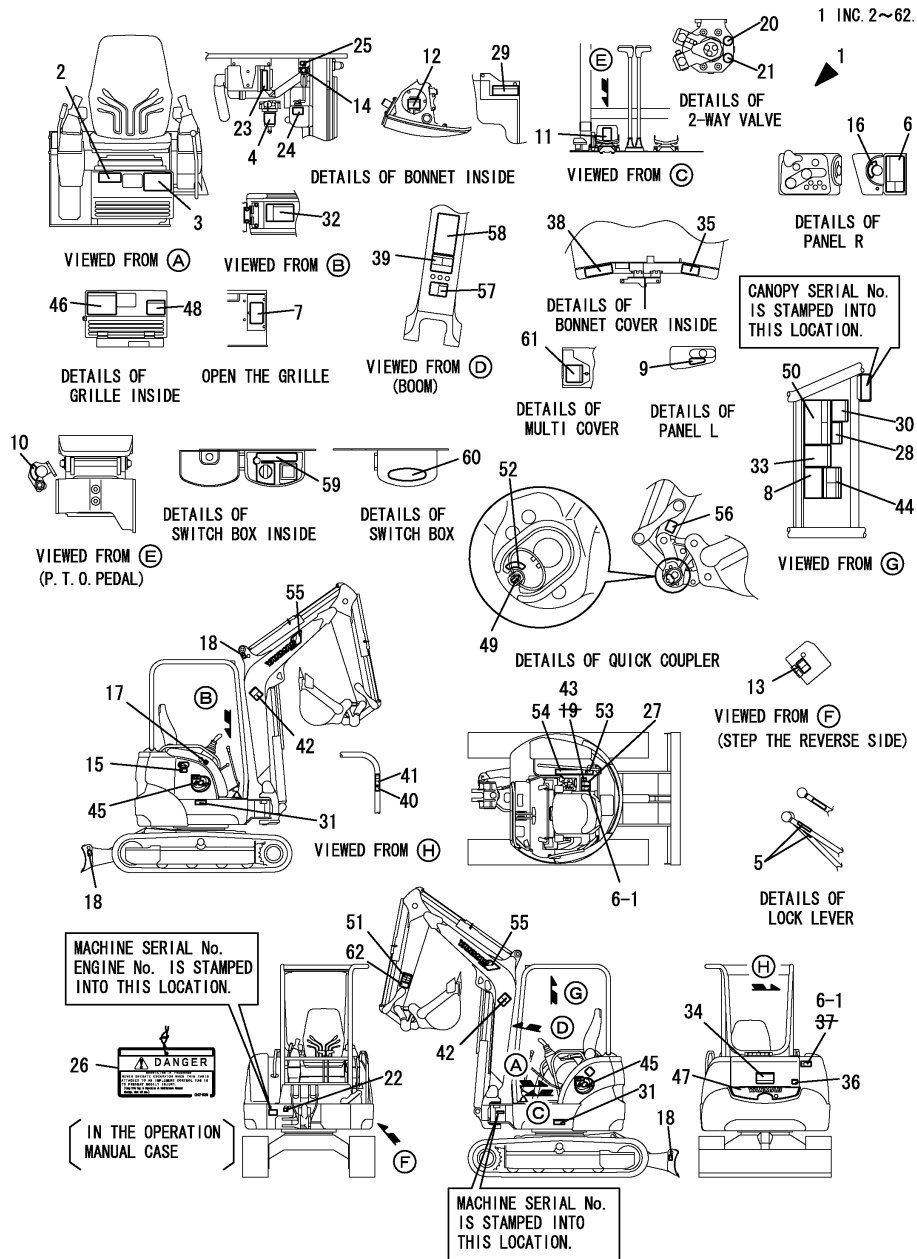
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
26-1	2	172437-03251	TAG ASSY, CAUTION (B=M/#31112)	1			1		1	N	
26-2	2	172437-03252	TAG ASSY, CAUTION (B=M/#31282)	1			1		1	N	
27	2	172437-03300	LABEL, MANUAL (D=M/#30778)	1			1		1		
27-1	2	172437-03301	LABEL, MANUAL US (B=M/#30778)	1			1		1	N	
27-2	2	172437-03302	LABEL, MANUAL (B=M/#31282)	1			1		1	N	
28	2	172437-03310	LABEL, SLOPE				1		1		
28-1	2	172437-03311	LABEL, SLOPE US (D=M/#30778)				1		1	N	
28-2	2	172437-03312	LABEL, SLOPE (D=M/#31112)				1		1	N	
29	2	172437-03321	LABEL, HYD. OIL TANK	1			1		1		
29-1	2	172437-03322	LABEL, RESEVOIR (B=M/#30778)	1			1		1	N	
30	2	172437-03341	LABEL, TRANSPORT				1		1		
30-1	2	172437-03342	LABEL, TRANSPORT US (D=M/#30778)				1		1	N	
30-2	2	172437-03343	LABEL, TRANSPORT (D=M/#31282)				1		1	N	
31	2	172437-03351	LABEL, GREASE CYL.		2		2		2		
31-1	2	172437-03352	LABEL, CYLINDER (B=M/#30778)	2			2		2	N	
32	2	172437-03360	LABEL, BATTERY	1			1		1		
32-1	2	172437-03361	LABEL, BATTERY (B=M/#30778)	1			1		1	N	
33	2	172437-03371	LABEL				1		1		
33-1	2	172437-03372	LABEL, NEUTRAL (D=M/#30778)				1		1	N	
34	2	172437-03380	LABEL, SWING AREA	1			1		1		
34-1	2	172437-03381	LABEL, SWING AREA (B=M/#30778)	1			1		1	N	
35	2	172437-03390	LABEL, RADIATOR	1			1		1		
35-1	2	172437-03391	LABEL, RADIATOR (B=M/#30778)	1			1		1	N	
36	2	172437-03401	LABEL (ENG COVER US)	1			1		1		
36-1	2	172437-03402	LABEL, ENGINE COVER (B=M/#30778)	1			1		1	N	
37	2	172437-03411	LABEL (ENG ROOM US) (B=M/#30958)	1			1		1	Z	
38	2	172437-03421	LABEL, MUFFLER	1			1		1		
38-1	2	172437-03422	LABEL, MUFFLER (B=M/#30778)	1			1		1	N	
39	2	172437-03431	LABEL, STEERING	1			1		1		
39-1	2	172437-03432	LABEL, STEERING (B=M/#30778)	1			1		1	N	
40	2	172437-03440	LABEL, ROPS				1		1		
40-1	2	172437-03441	LABEL, ROPS (D=M/#30778)				1		1	N	

Remarks
 (1)Rubber crawler specification.

Fig.2. LABEL(CANOPY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



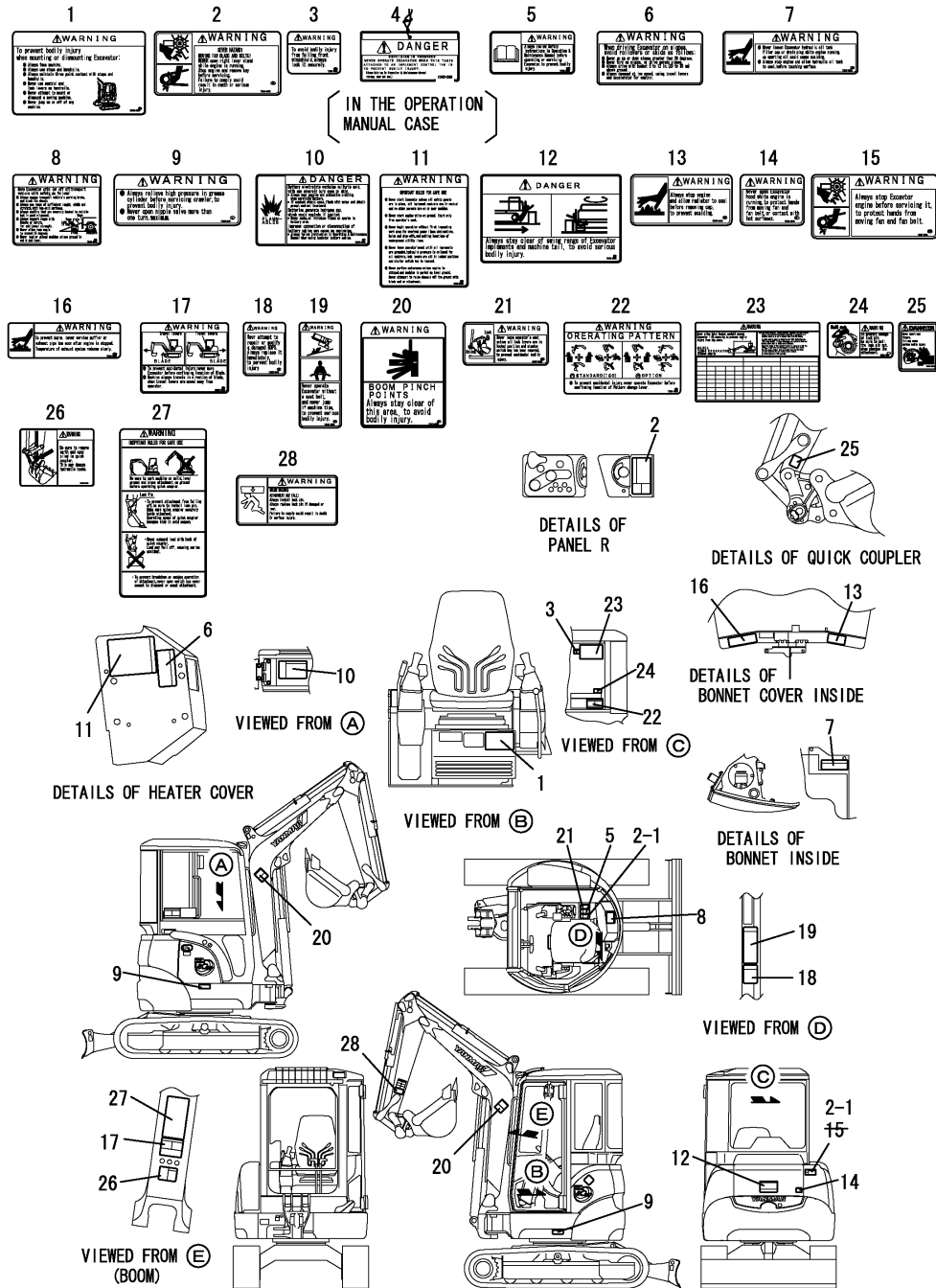
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	2	172437-03450	LABEL, SEAT BELT				1			1	
41-1	2	172437-03451	LABEL, SEAT BELT				1			1	N
			(D=M/#30778)							(F=M/#30778)	
42	2	172437-03460	LABEL, BOOM		2		2			2	
42-1	2	172437-03461	LABEL, BOOM		2		2			2	N
			(B=M/#30778)							(F=M/#30778)	
43	2	172437-03470	LABEL, LEVER LOCK			1				1	
43-1	2	172437-03471	LABEL, LEVER LOCK			1				1	N
			(B=M/#30778)							(F=M/#30778)	
44	2	172437-03600	LABEL							1	
44-1	2	172437-03601	LABEL, 2-WAY US							1	N
			(D=M/#30778)							(F=M/#30778)	
45	2	172472-03121	LABEL, MODEL		2		2			2	
46	2	172472-03150	LABEL, OIL&WATER		1		1			1	
47	2	172458-03160	LABEL, REAR		1		1			1	
48	2	172472-03160	LABEL, GREASE		1		1			1	
49	2	172958-03160	LABEL		1		1			1	
50	2	172472-03222	LABEL, LIFT Q US				1			1	
50-1	2	172472-03223	LABEL, LIFT Q US				1			1	N
			(D=M/#30778)							(F=M/#30778)	
51	2	172472-03230	LABEL, OPERATION		1		1			1	
52	2	172458-03240	LABEL, LOCK		1		1			1	
53	2	172472-03240	LABEL, PIN US		1		1			1	
53-1	2	172472-03241	LABEL, PIN US		1		1			1	N
			(B=M/#30778)							(F=M/#30778)	
54	2	172472-03250	LABEL, OPERATION		1		1			1	
55	2	172171-03261	LABEL, BOOM		2		2			2	
56	2	172472-03260	LABEL, FINGER		1		1			1	
56-1	2	172472-03261	LABEL, FINGER		1		1			1	N
			(B=M/#30778)							(F=M/#30778)	
57	2	172472-03270	LABEL, SAND US		1		1			1	
57-1	2	172472-03271	LABEL, SANDUS		1		1			1	N
			(B=M/#30778)							(F=M/#30778)	
58	2	172472-03280	LABEL		1		1			1	
58-1	2	172472-03281	LABEL, WARNING HITCH		1		1			1	N
			(B=M/#30778)							(F=M/#30778)	
59	2	172472-03290	LABEL, SWITCH		1		1			1	
60	2	172472-03300	LABEL, COVER		1		1			1	
61	2	172437-03241	LABEL, CRAWLER		1		1			1	1
61-1	2	172437-03242	LABEL, CRAWLER		1		1			1	N 1
			(B=M/#30778)							(F=M/#30778)	
62	2	172472-03330	LABEL, LOCK PIN		1		1			1	W
			(B=M/#30876)							(F=M/#30876)	

Remarks
 (1)Rubber crawler specification.

Fig.3. LABEL(SAFETY)(CABIN)

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

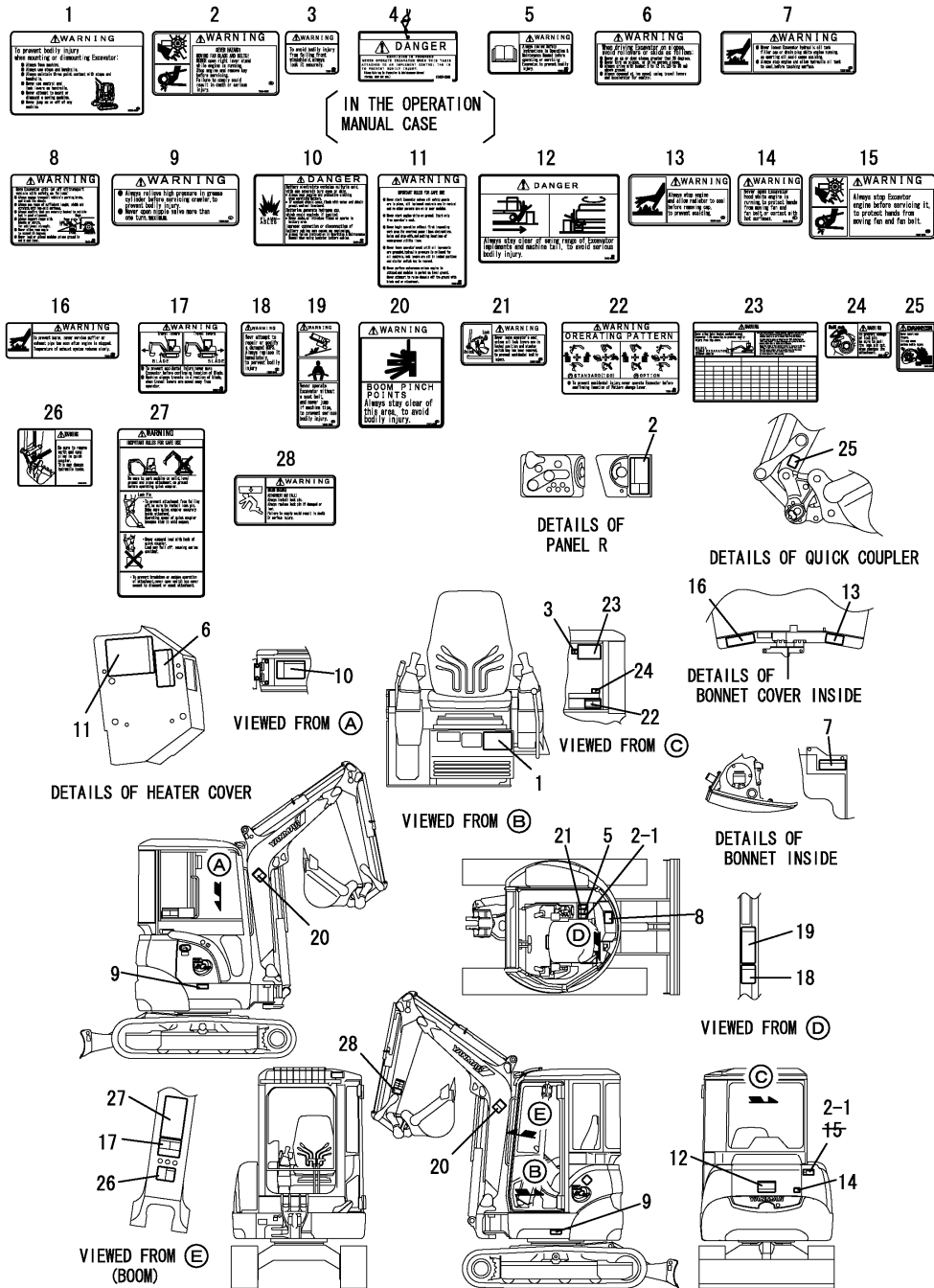


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03200	LABEL,SUPPORT C US	1	1		1				
1-1	1	172472-03141	LABEL, SUPPORT	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
2	1	172A36-03410	LABEL, ENGINE ROOM	1	1		1				
2-1	1	172A36-03411	LABEL, ENGINE ROOM	2	2		2				K
		(A=M/#31031)	(C=M/#31031)				(E=M/#31031)				
3	1	172437-03550	LABEL,WINDOW	1	1		1				
3-1	1	172437-03551	LABEL, WINDOW US	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
4	1	172437-03250	TAG ASSY, CAUTION	1	1		1				
4-1	1	172437-03251	TAG ASSY, CAUTION	1	1		1				N
		(A=M/#31112)	(C=M/#31112)				(E=M/#31112)				
4-2	1	172437-03252	TAG ASSY, CAUTION	1	1		1				N
		(A=M/#31282)	(C=M/#31282)				(E=M/#31282)				
5	1	172437-03300	LABEL,MANUAL	1	1		1				
5-1	1	172437-03301	LABEL, MANUAL US	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
5-2	1	172437-03302	LABEL, MANUAL	1	1		1				N
		(A=M/#31282)	(C=M/#31282)				(E=M/#31282)				
6	1	172437-03310	LABEL,SLOPE	1	1		1				
6-1	1	172437-03311	LABEL, SLOPE US	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
6-2	1	172437-03312	LABEL, SLOPE	1	1		1				N
		(A=M/#31112)	(C=M/#31112)				(E=M/#31112)				
7	1	172437-03321	LABEL,HYD.OIL TANK	1	1		1				
7-1	1	172437-03322	LABEL, RESEVOIR	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
8	1	172437-03341	LABEL,TRANSPORT	1	1		1				
8-1	1	172437-03342	LABEL, TRANSPORT US	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
8-2	1	172437-03343	LABEL, TRANSPORT	1	1		1				N
		(A=M/#31282)	(C=M/#31282)				(E=M/#31282)				
9	1	172437-03351	LABEL,GREASE CYL.	2	2		2				
9-1	1	172437-03352	LABEL, CYLINDER	2	2		2				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
10	1	172437-03360	LABEL,BATTERY	1	1		1				
10-1	1	172437-03361	LABEL, BATTERY	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
11	1	172437-03371	LABEL	1	1		1				
11-1	1	172437-03372	LABEL, NEUTRAL	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
12	1	172437-03380	LABEL,SWING AREA	1	1		1				
12-1	1	172437-03381	LABEL, SWING AREA	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
13	1	172437-03390	LABEL,RADIATOR	1	1		1				
13-1	1	172437-03391	LABEL, RADIATOR	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
14	1	172437-03401	LABEL (ENG COVER US	1	1		1				
14-1	1	172437-03402	LABEL, ENGINE COVER	1	1		1				N
		(A=M/#30778)	(C=M/#30778)				(E=M/#30778)				
15	1	172437-03411	LABEL (ENG ROOM US	1	1		1				Z

Fig.3. LABEL(SAFETY)(CABIN)

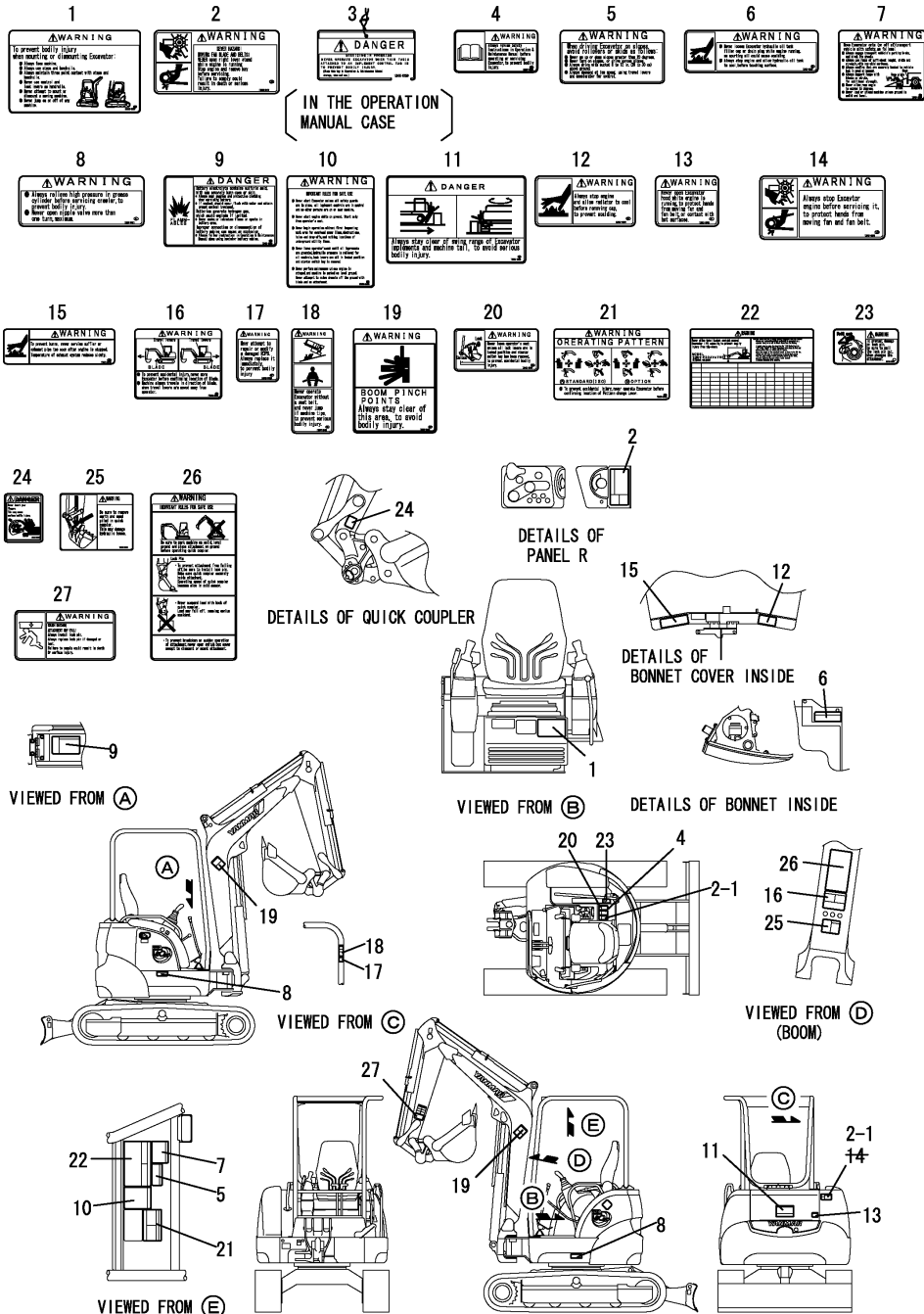
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
16	1	(A=M/#30958) 172437-03421	(C=M/#30958) LABEL,MUFFLER			(E=M/#30958) 1						
16-1	1	172437-03422	LABEL, MUFFLER	1	1			1				N
17	1	(A=M/#30778) 172437-03431	(C=M/#30778) LABEL,STEERING			(E=M/#30778) 1			1			
17-1	1	172437-03432	LABEL, STEERING	1	1			1				N
18	1	(A=M/#30778) 172437-03440	(C=M/#30778) LABEL,ROPS			(E=M/#30778) 1			1			
18-1	1	172437-03441	LABEL, ROPS	1	1			1				N
19	1	(A=M/#30778) 172437-03450	(C=M/#30778) LABEL,SEAT BELT			(E=M/#30778) 1			1			
19-1	1	172437-03451	LABEL, SEAT BELT	1	1			1				N
20	1	(A=M/#30778) 172437-03460	(C=M/#30778) LABEL, BOOM			(E=M/#30778) 2			2			
20-1	1	172437-03461	LABEL, BOOM	2	2			2				N
21	1	(A=M/#30778) 172437-03470	(C=M/#30778) LABEL,LEVER LOCK			(E=M/#30778) 1			1			
21-1	1	172437-03471	LABEL, LEVER LOCK	1	1			1				N
22	1	(A=M/#30778) 172437-03600	(C=M/#30778) LABEL			(E=M/#30778) 1			1			
22-1	1	172437-03601	LABEL, 2-WAY US	1	1			1				N
23	1	(A=M/#30778) 172472-03222	(C=M/#30778) LABEL, LIFT Q US			(E=M/#30778) 1			1			
23-1	1	172472-03223	LABEL, LIFT Q US	1	1			1				N
24	1	(A=M/#30778) 172472-03240	(C=M/#30778) LABEL,PIN US			(E=M/#30778) 1			1			
24-1	1	172472-03241	LABEL, PIN US	1	1			1				N
25	1	(A=M/#30778) 172472-03260	(C=M/#30778) LABEL,FINGER			(E=M/#30778) 1			1			
25-1	1	172472-03261	LABEL, FINGER	1	1			1				N
26	1	(A=M/#30778) 172472-03270	(C=M/#30778) LABEL,SAND US			(E=M/#30778) 1			1			
26-1	1	172472-03271	LABEL, SANDUS	1	1			1				N
27	1	(A=M/#30778) 172472-03280	(C=M/#30778) LABEL			(E=M/#30778) 1			1			
27-1	1	172472-03281	LABEL, WARNING HITCH	1	1			1				N
28	1	(A=M/#30778) 172472-03330	(C=M/#30778) LABEL, LOCK PIN			(E=M/#30778) 1			1			
		(A=M/#30876)	(C=M/#30876)	1	1			1				W

Fig.4. LABEL(SAFETY)(CANOPY)

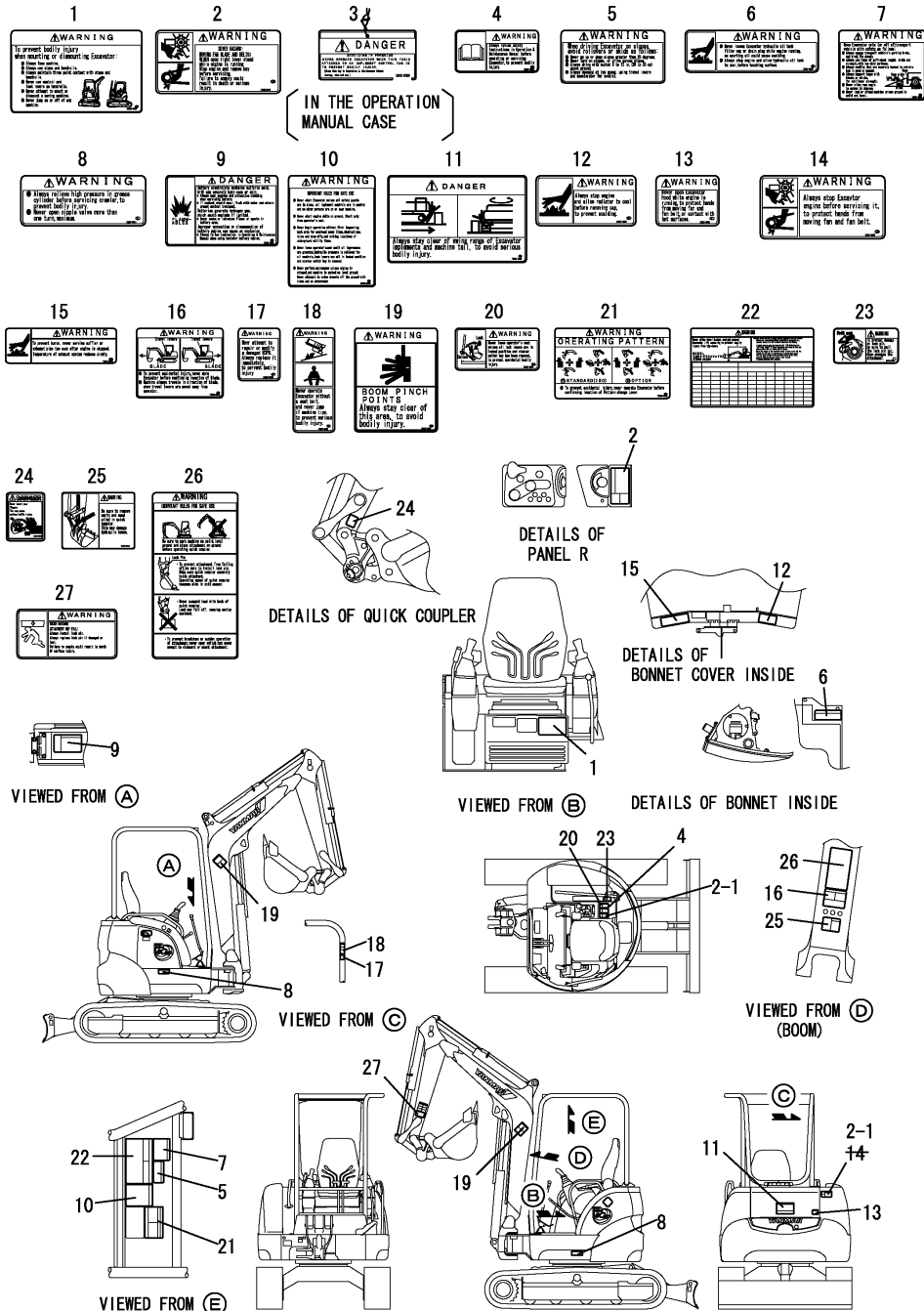


(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03140	LABEL,SUPPORT US	1	1	1					
1-1	1	172472-03141	LABEL, SUPPORT	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
2	1	172A36-03410	LABEL, ENGINE ROOM	1	1	1					
2-1	1	172A36-03411	LABEL, ENGINE ROOM	2	2	2					K
		(B=M/#31031)	(D=M/#31031)								(F=M/#31031)
3	1	172437-03250	TAG ASSY, CAUTION	1	1	1					
3-1	1	172437-03251	TAG ASSY, CAUTION	1	1	1					N
		(B=M/#31112)	(D=M/#31112)								(F=M/#31112)
3-2	1	172437-03252	TAG ASSY, CAUTION	1	1	1					N
		(B=M/#31282)	(D=M/#31282)								(F=M/#31282)
4	1	172437-03300	LABEL,MANUAL	1	1	1					
4-1	1	172437-03301	LABEL, MANUAL US	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
4-2	1	172437-03302	LABEL, MANUAL	1	1	1					N
		(B=M/#31282)	(D=M/#31282)								(F=M/#31282)
5	1	172437-03310	LABEL,SLOPE				1	1			
5-1	1	172437-03311	LABEL, SLOPE US				1	1			N
			(D=M/#30778)								(F=M/#30778)
5-2	1	172437-03312	LABEL, SLOPE				1	1			N
			(D=M/#31112)								(F=M/#31112)
6	1	172437-03321	LABEL,HYD.OIL TANK	1	1	1					
6-1	1	172437-03322	LABEL, RESEVOIR	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
7	1	172437-03341	LABEL,TRANSPORT				1	1			
7-1	1	172437-03342	LABEL, TRANSPORT US				1	1			N
			(D=M/#30778)								(F=M/#30778)
7-2	1	172437-03343	LABEL, TRANSPORT				1	1			N
			(D=M/#31282)								(F=M/#31282)
8	1	172437-03351	LABEL,GREASE CYL.		2	2					
8-1	1	172437-03352	LABEL, CYLINDER		2	2					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
9	1	172437-03360	LABEL,BATTERY	1	1	1					
9-1	1	172437-03361	LABEL, BATTERY	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
10	1	172437-03371	LABEL				1	1			
10-1	1	172437-03372	LABEL, NEUTRAL				1	1			N
			(D=M/#30778)								(F=M/#30778)
11	1	172437-03380	LABEL,SWING AREA	1	1	1					
11-1	1	172437-03381	LABEL, SWING AREA	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
12	1	172437-03390	LABEL,RADIATOR	1	1	1					
12-1	1	172437-03391	LABEL, RADIATOR	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
13	1	172437-03401	LABEL (ENG COVER US	1	1	1					
13-1	1	172437-03402	LABEL, ENGINE COVER	1	1	1					N
		(B=M/#30778)	(D=M/#30778)								(F=M/#30778)
14	1	172437-03411	LABEL (ENG ROOM US	1	1	1					Z
		(B=M/#30958)	(D=M/#30958)								(F=M/#30958)
15	1	172437-03421	LABEL,MUFFLER	1	1	1					
15-1	1	172437-03422	LABEL, MUFFLER	1	1	1					N

Fig.4. LABEL(SAFETY)(CANOPY)

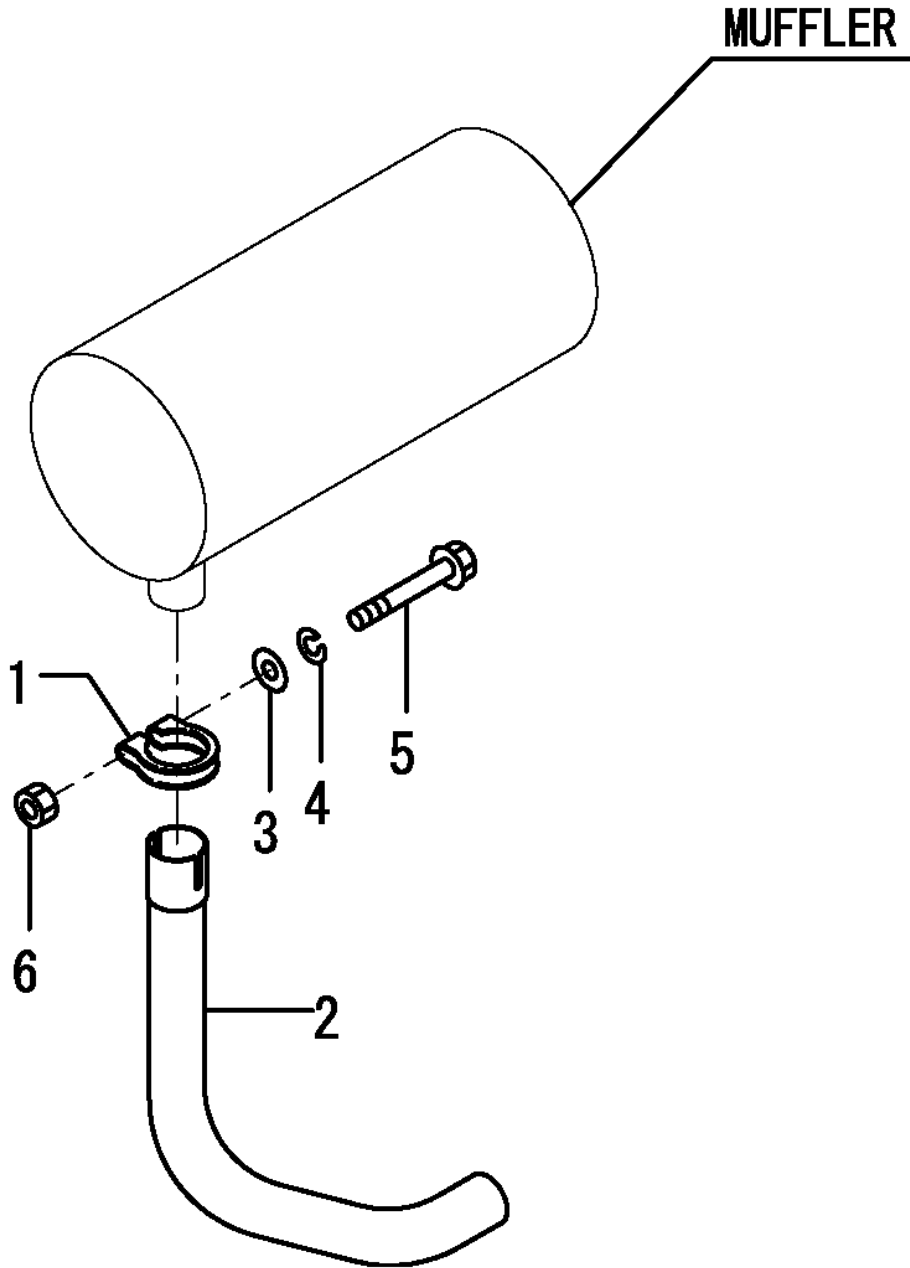


(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
			(B=M/#30778)									
16	1	172437-03431	LABEL,STEERING		1		1		1			
16-1	1	172437-03432	LABEL, STEERING		1		1		1		N	
			(B=M/#30778)									
17	1	172437-03440	LABEL,ROPS						1	1		
17-1	1	172437-03441	LABEL, ROPS						1	1	N	
			(D=M/#30778)									
18	1	172437-03450	LABEL,SEAT BELT						1	1		
18-1	1	172437-03451	LABEL, SEAT BELT						1	1	N	
			(D=M/#30778)									
19	1	172437-03460	LABEL, BOOM		2		2		2			
19-1	1	172437-03461	LABEL, BOOM		2		2		2		N	
			(B=M/#30778)									
20	1	172437-03470	LABEL,LEVER LOCK						1	1		
20-1	1	172437-03471	LABEL, LEVER LOCK						1	1	N	
			(B=M/#30778)									
21	1	172437-03600	LABEL						1	1		
21-1	1	172437-03601	LABEL, 2-WAY US						1	1	N	
			(D=M/#30778)									
22	1	172472-03222	LABEL, LIFT Q US						1	1		
22-1	1	172472-03223	LABEL, LIFT Q US						1	1	N	
			(D=M/#30778)									
23	1	172472-03240	LABEL,PIN US		1		1		1			
23-1	1	172472-03241	LABEL, PIN US		1		1		1	1	N	
			(B=M/#30778)									
24	1	172472-03260	LABEL,FINGER		1		1		1			
24-1	1	172472-03261	LABEL, FINGER		1		1		1	1	N	
			(B=M/#30778)									
25	1	172472-03270	LABEL,SAND US		1		1		1			
25-1	1	172472-03271	LABEL, SANDUS		1		1		1	1	N	
			(B=M/#30778)									
26	1	172472-03280	LABEL		1		1		1			
26-1	1	172472-03281	LABEL, WARNING HITCH		1		1		1	1	N	
			(B=M/#30778)									
27	1	172472-03330	LABEL, LOCK PIN		1		1		1	1	W	
			(B=M/#30876)									
			(D=M/#30876)									

Fig.5. MUFFLER



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

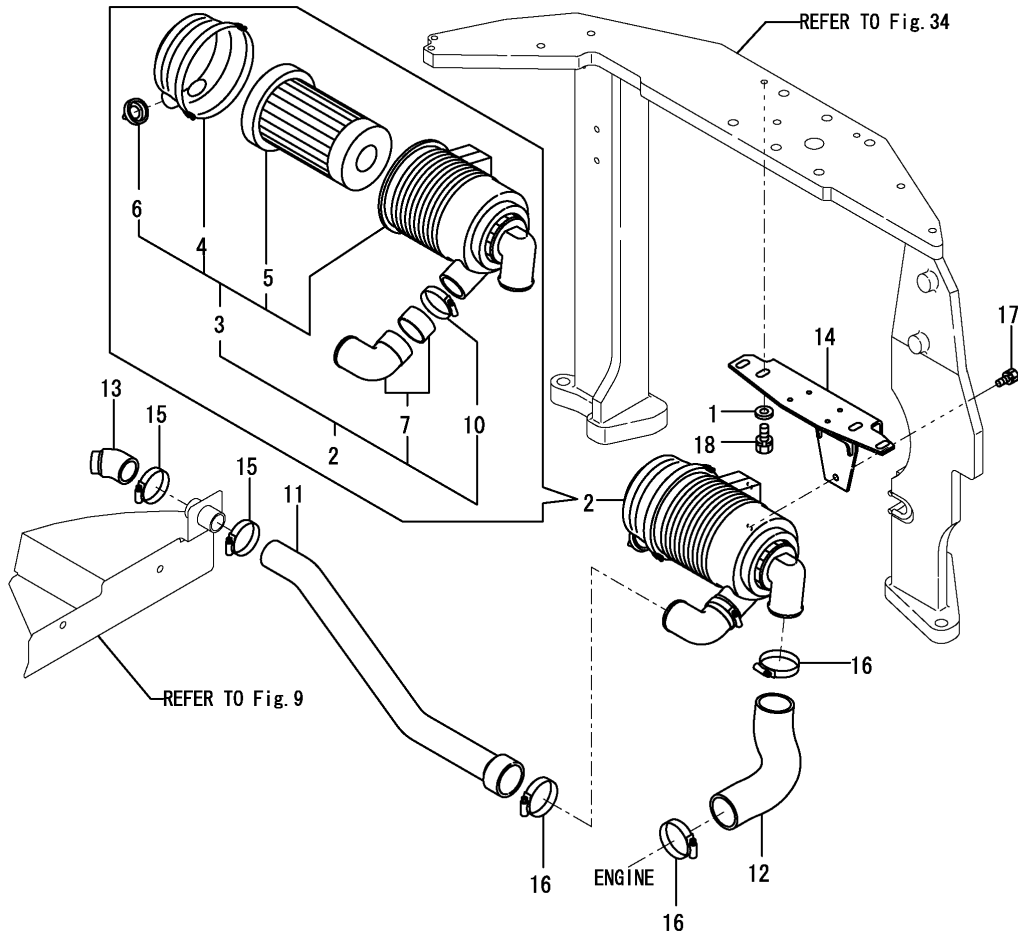
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-11310	CLAMP	1	1	1	1	1	1		
2	1	172458-11310	PIPE, EXTENSION	1	1	1	1	1	1		
3	1	22117-080000	WASHER, 8	1	1	1	1	1	1		
4	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
5	1	26106-080552	BOLT, M8X 55 PLATED	1	1	1	1	1	1		
6	1	26706-080002	NUT, M8	1	1	1	1	1	1		

Fig.6. AIR CLEANER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER, 10	2	2	2	2	2	2		
2	1	172458-11500	CLEANER ASSY, AIR	1	1	1	1	1	1		
3	2	172458-11530	CLEANER, AIR	1	1	1	1	1	1		
4	3	172458-11650	COVER ASSY	1	1	1	1	1	1		1
5	3	119808-12520	ELEMENT, OUTER	1	1	1	1	1	1		
6	3	119808-12540	VALVE, UNLOAD	1	1	1	1	1	1		
7	2	129612-12560	ELBOW, INTAKE	1	1	1	1	1	1		
10	2	23000-060000	CLAMP, 60	1	1	1	1	1	1		
11	1	172458-11511	HOSE, AIR INTAKE	1	1	1	1	1	1		
12	1	172458-11520	HOSE, AIR INTAKE	1	1	1	1	1	1		
13	1	172458-11540	HOSE, AIR INTAKE	1	1	1	1	1	1		
14	1	172458-11552	BRACKET ASSY	1	1	1	1	1	1		
15	1	23000-048000	CLAMP, 48	2	2	2	2	2	2		
16	1	23000-070000	CLAMP, 70	3	3	3	3	3	3		
17	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
18	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
19A	1	172125-03950	LABEL, AIR CLEANER	1	1	1	1	1	1		2
19A-1	1	172125-03951	LABEL, AIR CLEANER	1	1	1	1	1	1		N 2
				(A=M/#30778)	(B=M/#30778)	(C=M/#30778)	(D=M/#30778)	(E=M/#30778)	(F=M/#30778)		

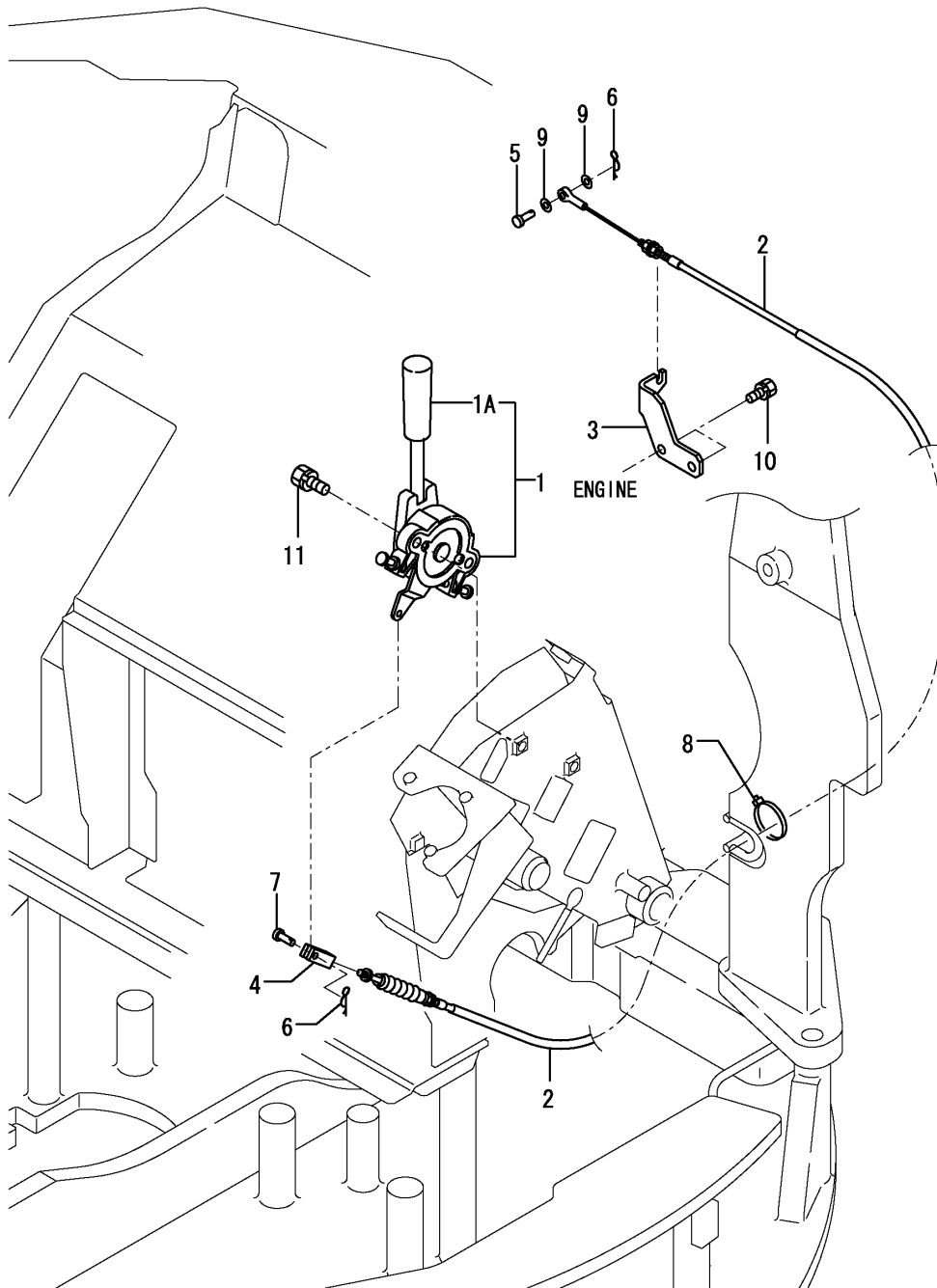
Remarks

- (1) Attach the No.19A label to this part.
- (2) Label is not illustrated.

Fig.7. ACCELERATOR

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

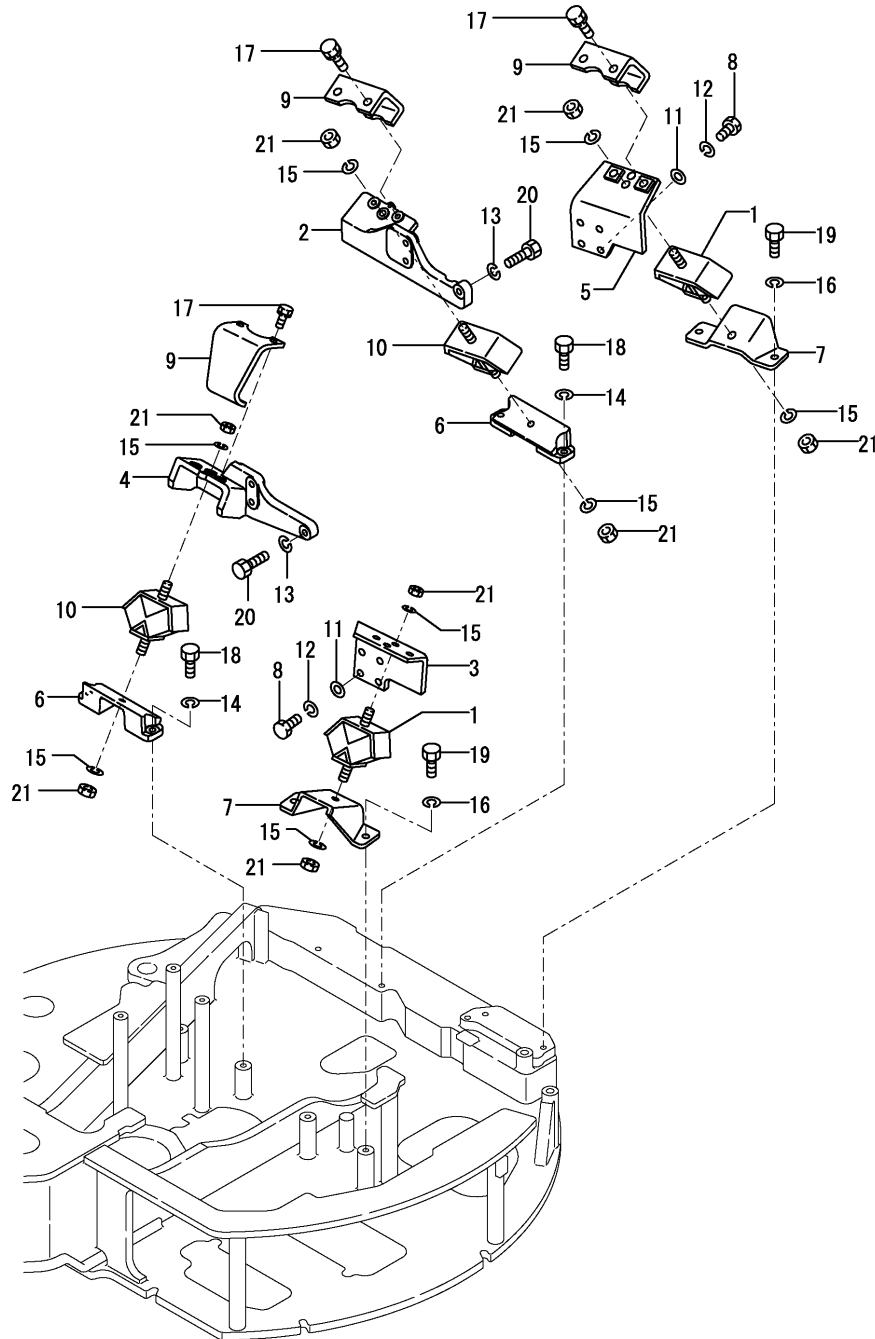


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-12100	LEVER, ACCELERATOR	1	1	1	1	1	1		
1A	2	172165-12140	GRIP	1	1	1	1	1	1	W	
		(A=M/#31173)	(B=M/#31173)	(C=M/#31173)	(D=M/#31173)	(E=M/#31173)	(F=M/#31173)				
1A-1	2	172A79-12150	GRIP	1	1	1	1	1	1	N	
		(A=MXXXXX)	(B=MXXXXX)	(C=MXXXXX)	(D=MXXXXX)	(E=MXXXXX)					
2	1	172456-12111	CABLE, ACCELERATOR	1	1	1	1	1	1		
3	1	172490-12200	BRACKET, WIRE	1	1	1	1	1	1		
4	1	172137-12270	JOINT, CABLE	1	1	1	1	1	1		
5	1	172113-12522	PIN, CABLE	1	1	1	1	1	1		
6	1	1C6281-52310	PIN, SNAP 6	2	2	2	2	2	2		
7	1	1A1040-56900	PIN, FLAT HEAD 6X17	1	1	1	1	1	1		
8	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
9	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
10	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
11	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		

Fig.8. ENGINE MOUNT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

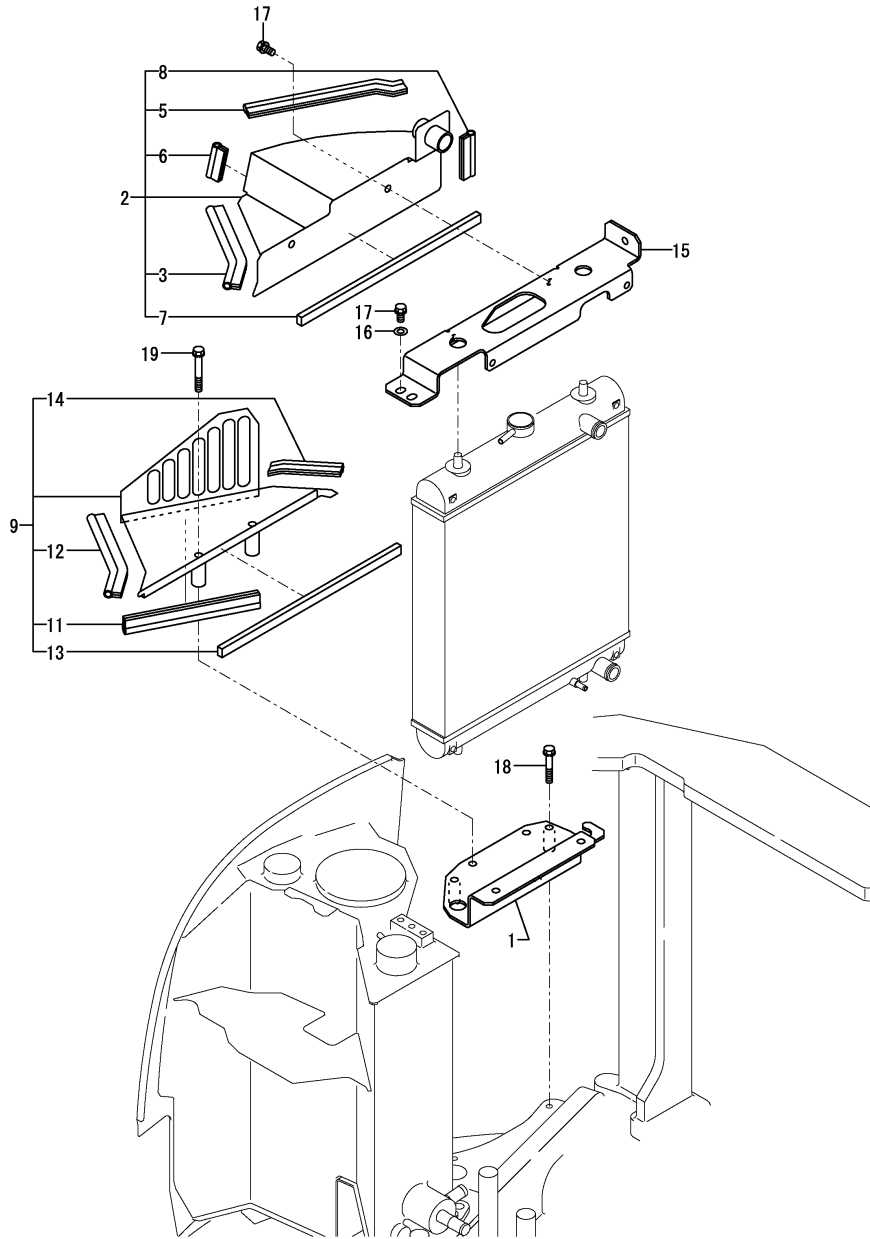


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	196420-02310	RUBBER, ABSORBER 230	2	2	2	2	2	2		
2	1	172458-13100	MOUNT, ENGINE	1	1	1	1	1	1		
3	1	172175-13110	PLATE	1	1	1	1	1	1		
4	1	172458-13110	MOUNT, ENGINE	1	1	1	1	1	1		
5	1	172490-13110	BRACKET	1	1	1	1	1	1		
6	1	172458-13120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

Fig.9. RADIATOR MOUNT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



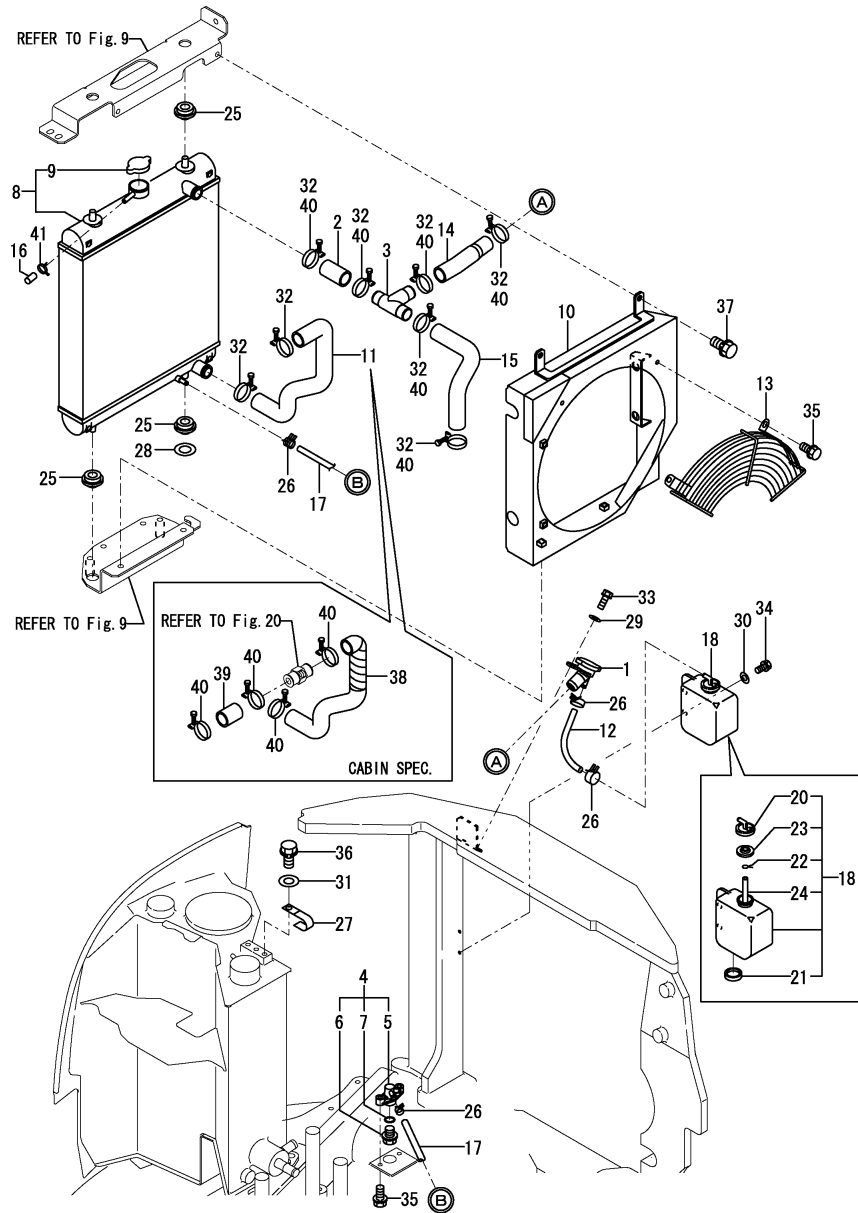
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-13340	PLATE ASSY, RADIATOR	1	1	1	1	1	1		
2	1	172A25-13750	PLATE ASSY	1	1	1	1	1	1		1
3	2	172183-13480	RUBBER, SEAL	1	1	1	1	1	1		
5	2	172444-65680	RUBBER, SEAL	1	1	1	1	1	1		
6	2	172456-65790	RUBBER, SEAL	1	1	1	1	1	1		
7	2	172478-65800	SEAL, SPONGE	1	1	1	1	1	1		
8	2	172164-66650	RUBBER, SEAL	1	1	1	1	1	1		
9	1	172A25-13800	DUCT ASSY	1	1	1	1	1	1		
11	2	172444-54910	SEAL, WEIGHT	1	1	1	1	1	1		
12	2	172168-65790	RUBBER, SEAL	1	1	1	1	1	1		
13	2	172478-65800	SEAL, SPONGE	1	1	1	1	1	1		
14	2	172456-65860	RUBBER, SEAL	1	1	1	1	1	1		
15	1	172A25-13830	MOUNT ASSY, BATTERY	1	1	1	1	1	1		
16	1	22137-100000	WASHER, 10	3	3	3	3	3	3		
17	1	26013-100202	BOLT, M10X 20	5	5	5	5	5	5		
18	1	26013-100552	BOLT, M10X 55	2	2	2	2	2	2		
19	1	26013-100702	BOLT, M10X 70	2	2	2	2	2	2		
20A	1	172437-03321	LABEL, HYD.OIL TANK	1	1	1	1	1	1		2
20A-1	1	172437-03322	LABEL, RESEVOIR	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									

Remarks

- (1) Attach the No.20A label to this part.
- (2) Label is not illustrated.

Fig.10. RADIATOR & SUB TANK

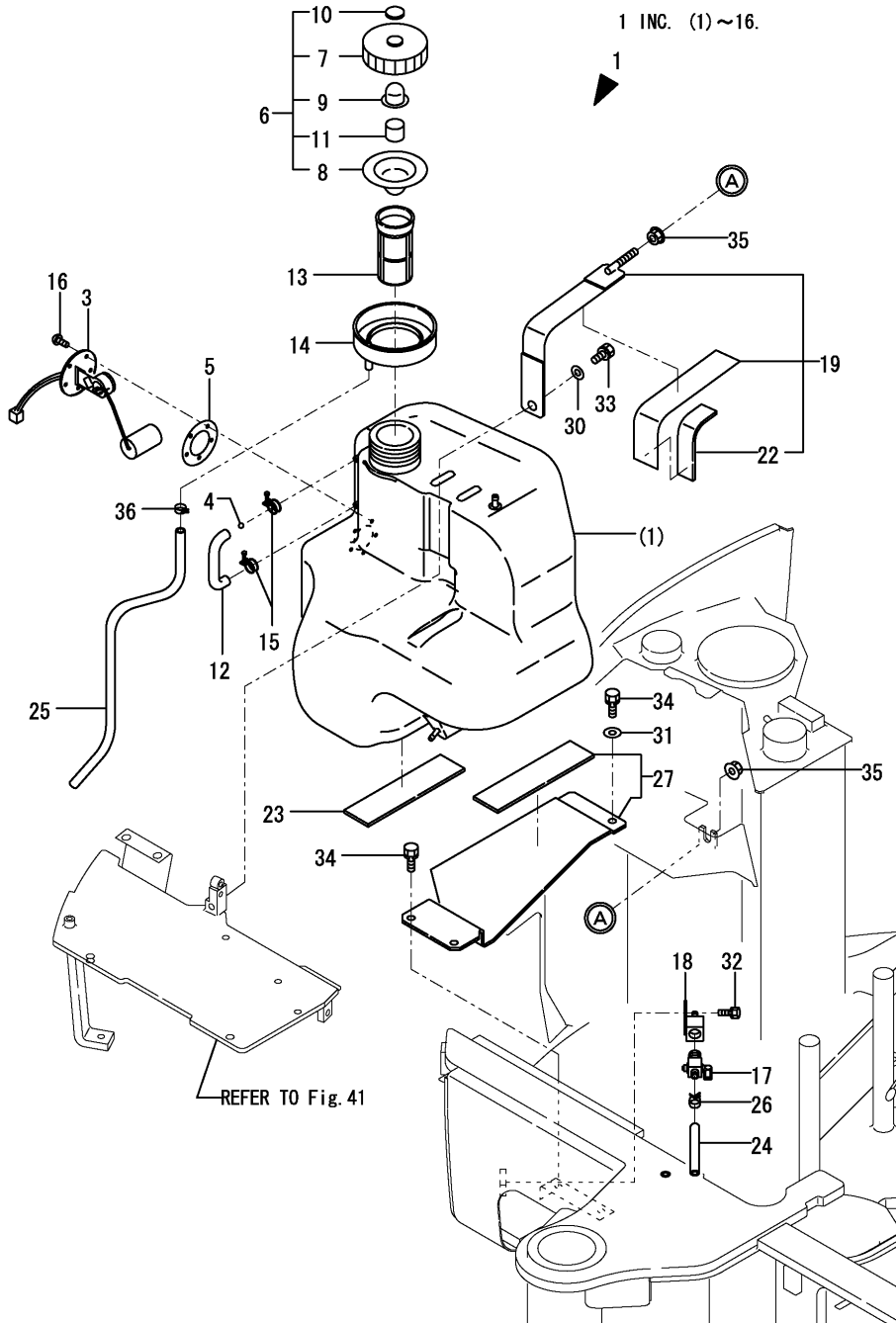
(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4105-11950	FILLER ASSY	1	1	1	1	1	1		1
2	1	172A25-13180	PIPE, WATER	1	1	1	1	1	1		
3	1	172A25-13192	JOINT ASSY, PIPE	1	1	1	1	1	1		
4	1	172444-13210	COCK ASSY, 2-WAY	1	1	1	1	1	1		
5	2	172444-13220	BODY	1	1	1	1	1	1		
6	2	121250-49121	PLUG, DRAIN M16	1	1	1	1	1	1		
7	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1	1		
8	1	172490-13300	RADIATOR ASSY	1	1	1	1	1	1		
9	2	129107-44590	CAP, RADIATOR	1	1	1	1	1	1		
10	1	172A25-13411	SHROUD ASSY	1	1	1	1	1	1		
11	1	172490-13511	PIPE, WATER		1		1		1		
12	1	172458-13530	HOSE	1	1	1	1	1	1		
13	1	172423-13551	NET, WIRE	1	1	1	1	1	1		
14	1	172A25-13561	PIPE, WATER	1	1	1	1	1	1		
15	1	172A25-13570	PIPE, WATER	1	1	1	1	1	1		
16	1	172498-14120	CAP, DRAIN	1	1	1	1	1	1		
16-1	1	129457-44520	CAP	1	1	1	1	1	1		N
		(A=M/#30958) (B=M/#30958) (C=M/#30958) (D=M/#30958) (E=M/#30958) (F=M/#30958)									
17	1	172171-14610	HOSE, FUEL	1	1	1	1	1	1		
18	1	121468-44510	TANK ASSY, SUB	1	1	1	1	1	1		2
20	2	121450-44531	CAP	1	1	1	1	1	1		
21	2	121468-44540	PLUG	1	1	1	1	1	1		
22	2	124450-44560	CLAMP, HOSE	1	1	1	1	1	1		
23	2	121470-44581	GASKET	1	1	1	1	1	1		
24	2	23065-070130	PIPE, 7X 130	1	1	1	1	1	1		
25	1	184015-44680	ABSORBER, SHOCK	4	4	4	4	4	4		
26	1	124766-59050	CLAMP, HOSE 11.5	4	4	4	4	4	4		
27	1	1A1380-59480	CLAMP, CORD	1	1	1	1	1	1		
28	1	172156-81430	SHIM	1	1	1	1	1	1		
29	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
30	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
31	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
32	1	23001-041000	CLAMP, HOSE 41		8		8		8		
33	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		
34	1	26013-060202	BOLT, M6X 20	2	2	2	2	2	2		
35	1	26013-080162	BOLT, M8X 16	4	4	4	4	4	4		
36	1	26013-100162	BOLT, M10X 16	1	1	1	1	1	1		
37	1	26013-100202	BOLT, M10X 20	4	4	4	4	4	4		
38	1	172490-13551	PIPE, WATER	1		1		1			
39	1	172490-13560	PIPE, WATER	1	1			1			
40	1	23001-041000	CLAMP, HOSE 41	10		10		10			
41	1	124766-59050	CLAMP, HOSE 11.5	1	1	1	1	1	1		
41-1	1	129457-44530	CLAMP	1	1	1	1	1	1		N
		(A=M/#30958) (B=M/#30958) (C=M/#30958) (D=M/#30958) (E=M/#30958) (F=M/#30958)									
42A	1	172462-03320	LABEL, RADIATOR	1	1	1	1	1	1		3
43A	1	124764-44810	LABEL, SUB TANK	1	1	1	1	1	1		3
43A-1	1	172A38-03200	LABEL, SUB-TANK US	1	1	1	1	1	1		N 3
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
43A-2	1	172A38-03201	LABEL, SUB TANK	1	1	1	1	1	1		N 3
		(A=M/#31282) (B=M/#31282) (C=M/#31282) (D=M/#31282) (E=M/#31282) (F=M/#31282)									

Remarks
 (1)Attach the No.42A label to this part.
 (2)Attach the No.43A label to this part.
 (3)Label is not illustrated.

Fig.11. FUEL TANK

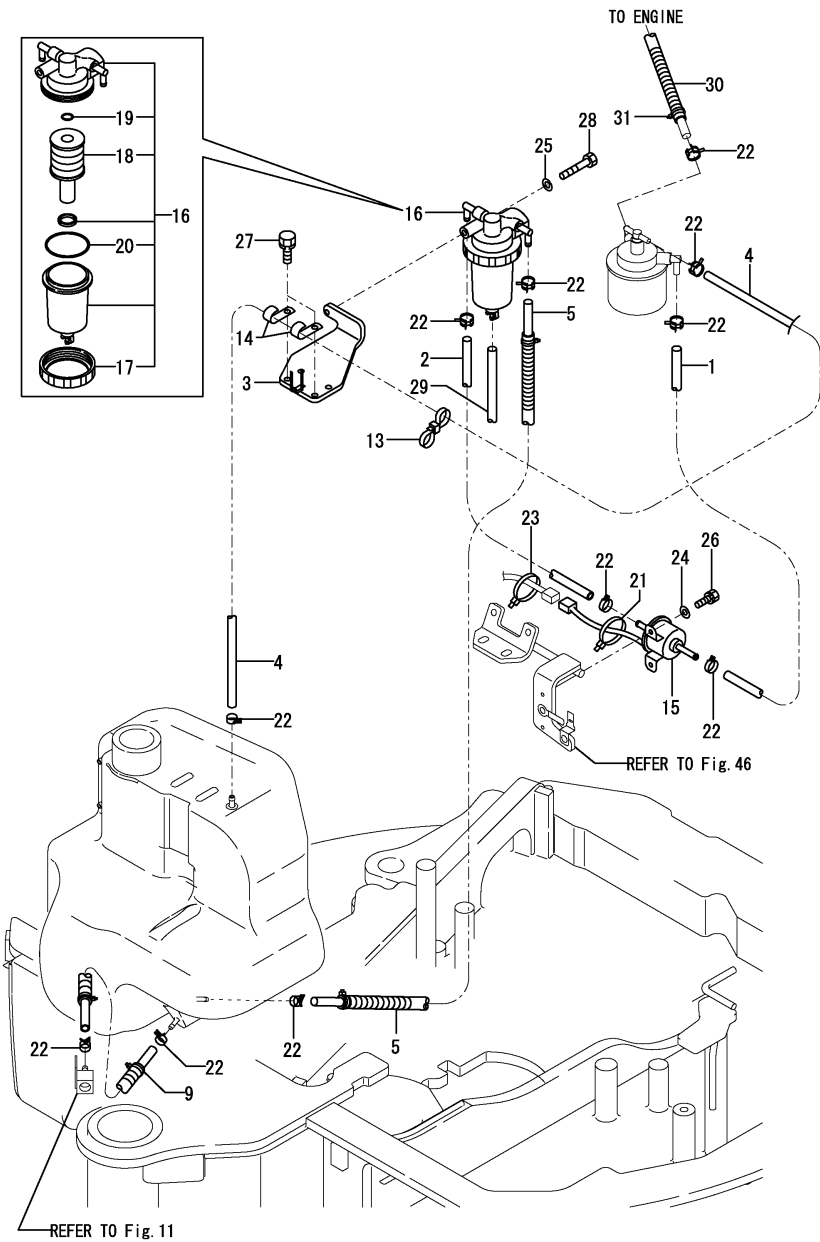


(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

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	1	1	1		
3	2	172458-14151	GAUGE ASSY, FUEL	1	1	1	1	1	1		
4	2	172447-14160	FLOAT	1	1	1	1	1	1		
5	2	172162-14200	GASKET	1	1	1	1	1	1		
6	2	172444-14200	CAP, FUEL	1	1	1	1	1	1		
7	3	172444-14450	CAP	1	1	1	1	1	1		
8	3	172444-14460	PACKING, RUBBER	1	1	1	1	1	1		
9	3	172444-14470	PACKING, RUBBER	1	1	1	1	1	1		
10	3	172444-14480	WASHER	1	1	1	1	1	1		
11	3	172444-14490	SPONGE	1	1	1	1	1	1		
12	2	172458-14202	HOSE, FUEL GAUGE	1	1	1	1	1	1		
12-1	2	172458-14203	HOSE, FUEL GAUGE	1	1	1	1	1	1		
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#35253)	(E=M/#35253)	(F=M/#35253)				
13	2	172183-14250	FILTER, FUEL	1	1	1	1	1	1		
14	2	172458-14370	SUMP, FUEL	1	1	1	1	1	1		
15	2	23000-013000	CLAMP, 13	2	2	2	2	2	2		
16	2	26022-050122	SCREW, M5X12	5	5	5	5	5	5		
17	1	104200-11920	COCK, WATER	1	1	1	1	1	1		
18	1	172444-14270	JOINT, DRAIN	1	1	1	1	1	1		
19	1	172458-14300	CLAMP ASSY, FUEL	1	1	1	1	1	1		
22	2	172458-14380	PLATE, RUBBER	1	1	1	1	1	1		
23	1	172458-14340	PLATE, RUBBER	1	1	1	1	1	1		
24	1	172444-14410	HOSE, DRAIN	1	1	1	1	1	1		
25	1	172458-14510	HOSE	1	1	1	1	1	1		
26	1	106990-44660	CLAMP, HOSE 12.5	1	1	1	1	1	1		
27	1	172458-62240	STEP ASSY, TANK	1	1	1	1	1	1		
30	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
31	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
32	1	26013-080202	BOLT, M8X 20	1	1	1	1	1	1		
33	1	26013-100202	BOLT, M10X 20	1	1	1	1	1	1		
34	1	26013-100202	BOLT, M10X 20	3	3	3	3	3	3		
35	1	26367-100002	NUT, M10	2	2	2	2	2	2		
36	1	23080-013000	CLAMP, 13	1	1	1	1	1	1		

Fig.12. FUEL PIPING



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1E6511-03220	HOSE, FUEL B	1	1	1	1	1	1		
2	1	172171-13461	HOSE	1	1	1	1	1	1		
3	1	172A25-14590	STAY ASSY	1	1	1	1	1	1		
4	1	172176-14620	HOSE, FUEL	1	1	1	1	1	1		
5	1	172458-14630	HOSE ASSY, FUEL	1	1	1	1	1	1		
9	1	172458-14660	HOSE ASSY	1	1	1	1	1	1		
13	1	172137-16560	BAND	2	2	2	2	2	2		
14	1	194440-51620	CLAMP, B	2	2	2	2	2	2		
15	1	129612-52100	PUMP, FUEL FEED	1	1	1	1	1	1		
16	1	184016-55700	SEPARATOR ASSY,WATER	1	1	1	1	1	1		1
16-1	1	184016-55701	SEPARATOR ASSY	1	1	1	1	1	1		N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX) (D=MXXXXX) (E=MXXXXX) (F=MXXXXX)									
17	2	129100-55690	RING, CUP RETAINING	1	1	1	1	1	1		
18	2	119802-55710	ELEMENT	1	1	1	1	1	1		
19	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1	1		
20	2	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
21	1	194202-56460	BAND, 200	1	1	1	1	1	1		
22	1	124766-59050	CLAMP, HOSE 11.5	10	10	10	10	10	10		
23	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
24	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
25	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
26	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		
27	1	26013-080201	BOLT, M8X 20	4	4	4	4	4	4		
28	1	26116-080702	BOLT, M8X 70 PLATED	1	1	1	1	1	1		
29	1	23061-050500	PIPE, 5X 500	1	1	1	1	1	1		
30	1	172A25-14650	TUBE, CORRUGATED	1	1	1	1	1	1		W
		(A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036) (E=M/#35036) (F=M/#35036)									
31	1	933168-55770	BAND	1	1	1	1	1	1		W
		(A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036) (E=M/#35036) (F=M/#35036)									
32A	1	172A07-03160	LABEL	1	1	1	1	1	1		2

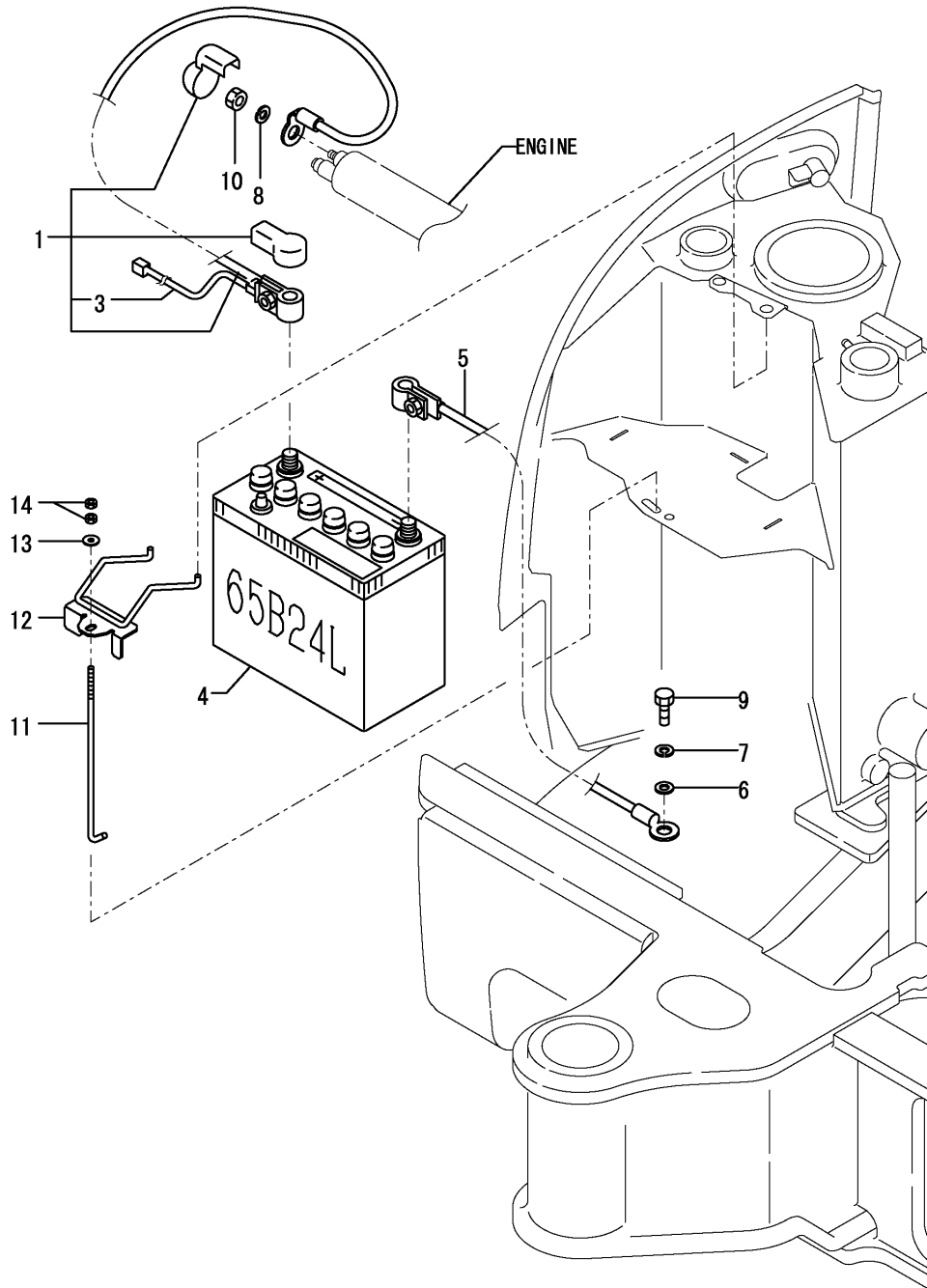
Remarks

- (1) Attach the No.32A label to this part.
- (2) Label is not illustrated.

Fig.13. BATTERY

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

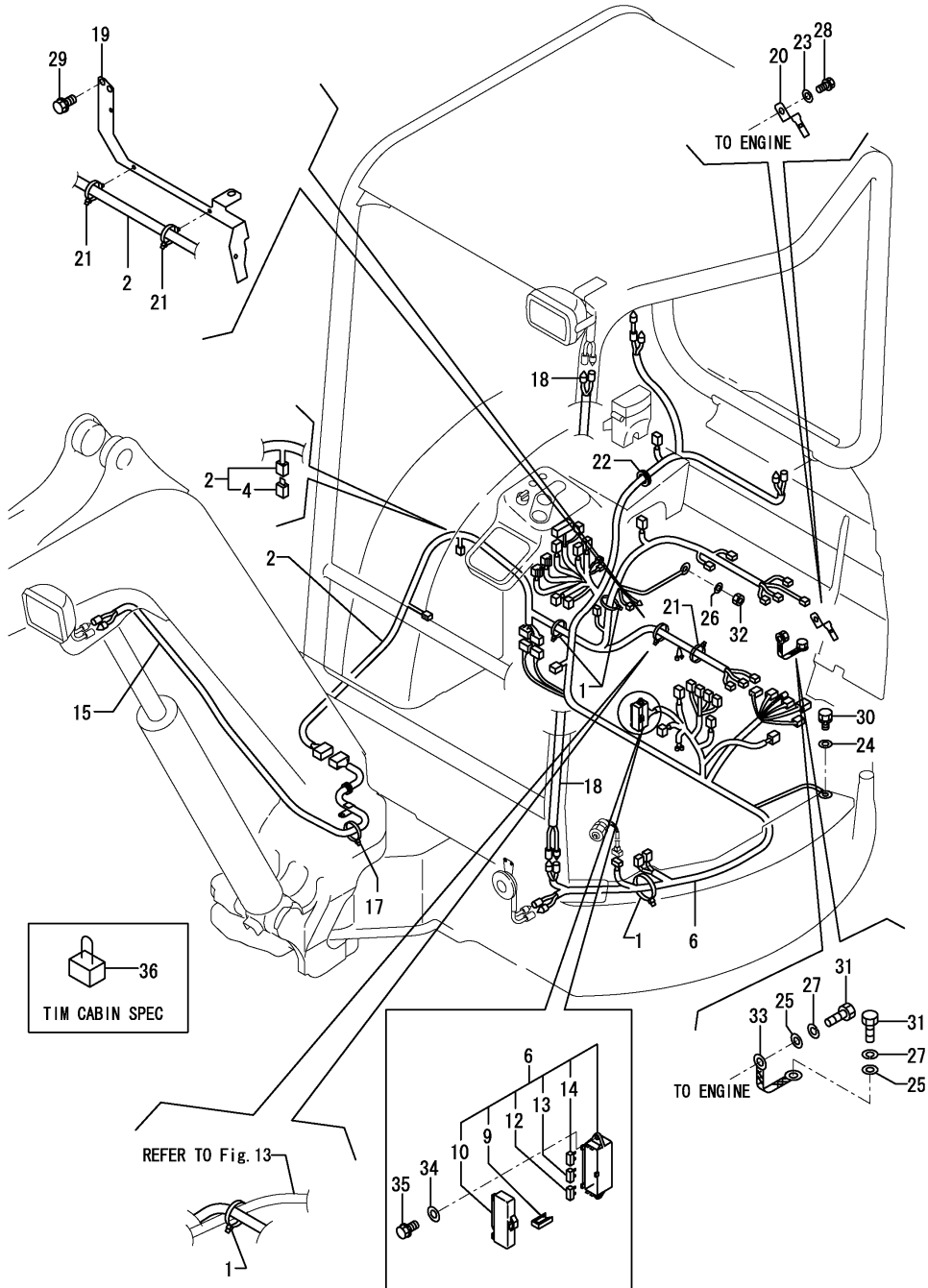


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-16100	CORD ASSY, BATTERY	1	1	1	1	1	1		
3	2	172458-16140	HARNESS, WIRE	1	1	1	1	1	1		
4	1	172458-16110	BATTERY	1	1	1	1	1	1		
5	1	172A25-16120	CORD, BATTERY	1	1	1	1	1	1		
6	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
7	1	22217-080000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

Fig.14. WIRING

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

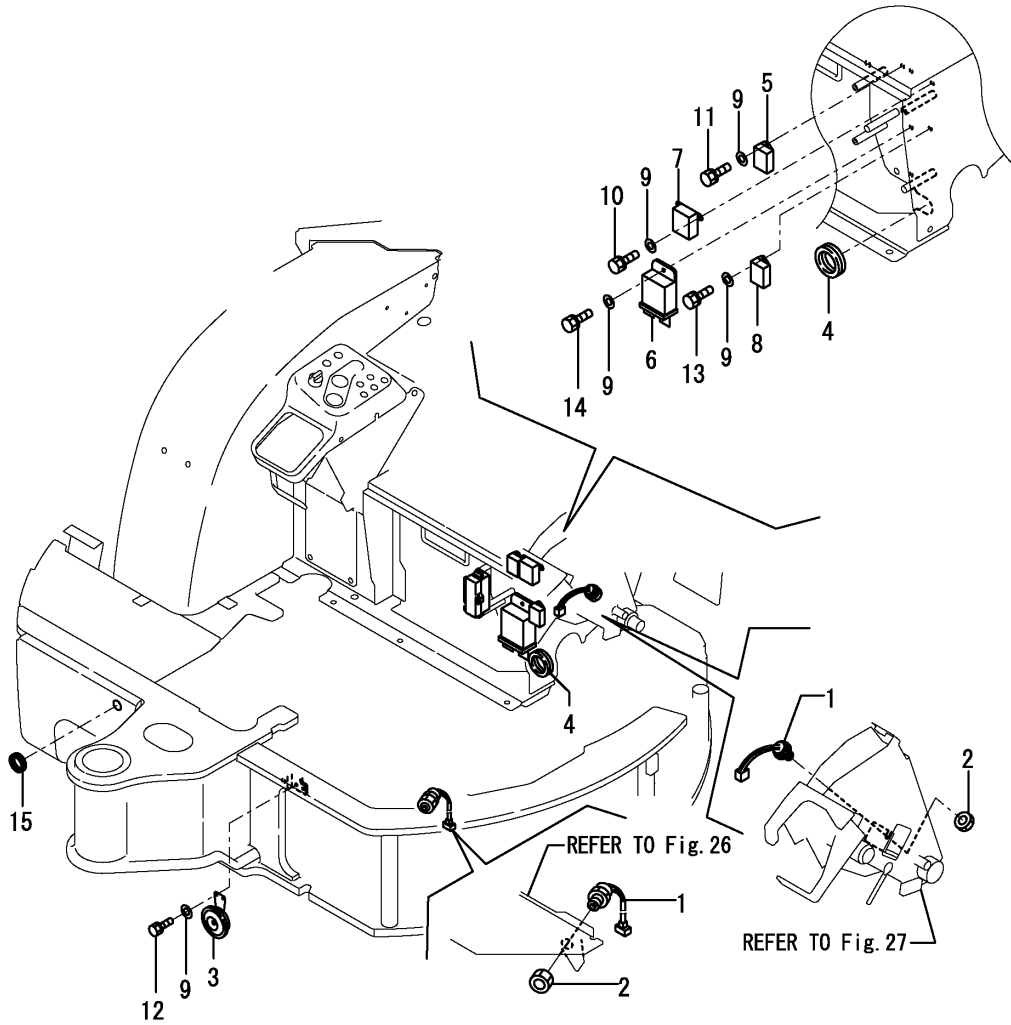


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	4	4	4	4	4	4		
2	1	172A25-16500	HARNESS ASSY, WIRE	1	1	1	1	1	1		
4	2	172458-16550	FUSE, SLOWBLOW	1	1	1	1	1	1		
6	1	172A37-16520	HARNESS ASSY, WIRE	1	1	1	1	1	1		
9	2	172175-17120	PULLER	1	1	1	1	1	1		
10	2	172187-17220	COVER	1	1	1	1	1	1		
12	2	29420-050000	FUSE, B 5A	2	2	2	2	2	2		
13	2	29420-150000	FUSE, B 15A	6	6	6	6	6	6		
14	2	29420-300000	FUSE, B 30A	2	2	2	2	2	2		
15	1	172458-16531	HARNESS, LAMP	1	1	1	1	1	1		
17	1	172137-16560	BAND	2	2	2	2	2	2		
18	1	172458-16561	HARNESS,CANOPY LAMP							1	
18-1	1	172458-16562	HARNESS, LAMP							1	N
			(D=M/#30666)							(F=M/#30666)	
19	1	172A23-16600	SUPPORT ASSY	1	1	1	1	1	1		
20	1	172460-16700	STAY	1	1	1	1	1	1		
21	1	194680-51670	BAND, CLIP	4	4	4	4	4	4		
22	1	172958-64500	PLUG	1	1	1	1	1	1		
22-1	1	172458-64590	PLUG	1	1	1	1	1	1		N
			(A=M/#30901) (B=M/#30901) (C=M/#30901) (D=M/#30901) (E=M/#30901) (F=M/#30901)								
23	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
24	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
25	1	22137-120000	WASHER, 12	2	2	2	2	2	2		
26	1	22217-060000	WASHER, SPRING 6	1	1	1	1	1	1		
27	1	22217-120000	WASHER, SPRING 12	2	2	2	2	2	2		
28	1	26013-080162	BOLT, M8X 16	1	1	1	1	1	1		
29	1	26013-100162	BOLT, M10X 16	2	2	2	2	2	2		
30	1	26013-100202	BOLT, M10X 20	1	1	1	1	1	1		
31	1	26116-120162	BOLT, M12X 16 PLATED	2	2	2	2	2	2		
32	1	26716-060002	NUT, M6	1	1	1	1	1	1		
33	1	933171-15801	CORD, ENGINE EARTH	1	1	1	1	1	1		
34	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
35	1	26013-060202	BOLT, M6X 20	2	2	2	2	2	2		
36	1	172190-16500	HARNESS, WIRE	1							

Fig.15. EQUIPMENT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

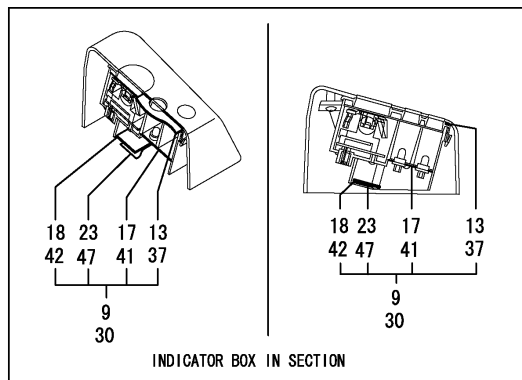
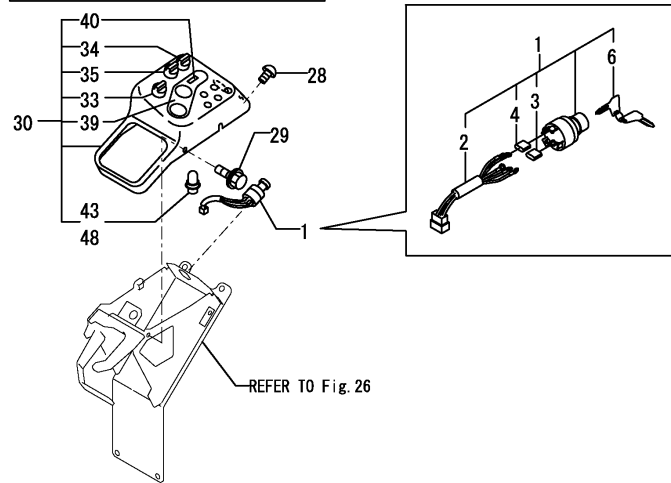
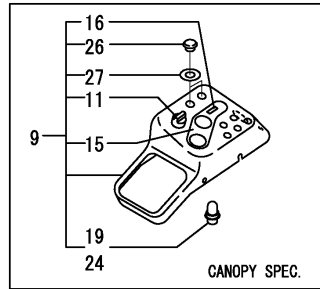
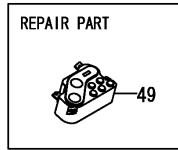


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194464-52190	SWITCH, START	2	2	2	2	2	2		
2	1	26776-180002	NUT, LOCK M18	2	2	2	2	2	2		
3	1	194151-57100	HORN	1	1	1	1	1	1		
4	1	172165-62800	GROMMET	1	1	1	1	1	1		
5	1	119247-77100	RELAY, POWER	1	1	1	1	1	1		
6	1	119802-77200	RELAY, SAFETY	1	1	1	1	1	1		
7	1	119650-77910	RELAY ASSY, GLOW	1	1	1	1	1	1		
8	1	129211-77920	TIMER	1	1	1	1	1	1		
9	1	22137-060000	WASHER, 6	8	8	8	8	8	8		
10	1	26013-060122	BOLT, M6X 12	2	2	2	2	2	2		
11	1	26013-060122	BOLT, M6X 12	1	1	1	1	1	1		
12	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		
13	1	26013-060162	BOLT, M6X 16	1	1	1	1	1	1		
14	1	26013-060202	BOLT, M6X 20	2	2	2	2	2	2		
15	1	933171-15680	GROMMET	1	1	1	1	1	1		

Fig.16. INSTRUMENT PANEL & STARTER SWITCH

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



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	1		
2	2	172187-17070	CORD ASSY	1	1	1	1	1	1		
3	2	172187-17080	COVER	3	3	3	3	3	3		
4	2	172187-17090	COVER	2	2	2	2	2	2		
6	2	933110-00301	KEY ASSY	1	1	1	1	1	1		
9	1	172458-17501	BOX,INDICATOR(CANOPY)		1		1		1		1
11	2	172187-17280	SWITCH ASSY, LIGHT		1		1		1		
13	2	172187-17320	PACKING		1		1		1		
15	2	172187-17341	GAUGE ASSY		1		1		1		
16	2	172187-17350	METER ASSY, HOUR		1		1		1		
17	2	172187-17360	PRINT, CIRCUIT		1		1		1		
18	2	172187-17371	CIRCUIT ASSY		1		1		1		
19	2	172187-17380	BULB		4		4		4		
23	2	172187-17470	PLATE		1		1		1		
24	2	172187-17480	BULB		2		2		2		
26	2	172187-17560	CAP		2		2		2		
27	2	172187-17570	GASKET		2		2		2		
28	1	172458-46720	BOLT	1	1	1	1	1	1		
29	1	172519-63240	BOLT	3	3	3	3	3	3		
30	1	172472-17351	BOX, INDICATOR	1		1		1			1
33	2	172187-17280	SWITCH ASSY, LIGHT	1		1		1			
34	2	172187-17290	SWITCH ASSY, HEATER	1		1		1			
35	2	172472-17300	SWITCH ASSY, WASHER	1		1		1			
37	2	172187-17320	PACKING	1		1		1			
39	2	172187-17341	GAUGE ASSY	1		1		1			
40	2	172187-17350	METER ASSY, HOUR	1		1		1			
41	2	172187-17360	PRINT, CIRCUIT	1		1		1			
42	2	172187-17371	CIRCUIT ASSY	1		1		1			
43	2	172187-17380	BULB	4		4		4			
47	2	172187-17470	PLATE	1		1		1			
48	2	172187-17480	BULB	2		2		2			
49	1	172A77-17500	MONITOR ASSY	1	1	1	1	1	1	1	W 3
		(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)	(D=MZZZZZ)	(E=MZZZZZ)	(F=MZZZZZ)				
50A	1	172141-03360	LABEL, START SWITCH	1	1	1	1	1	1	1	2

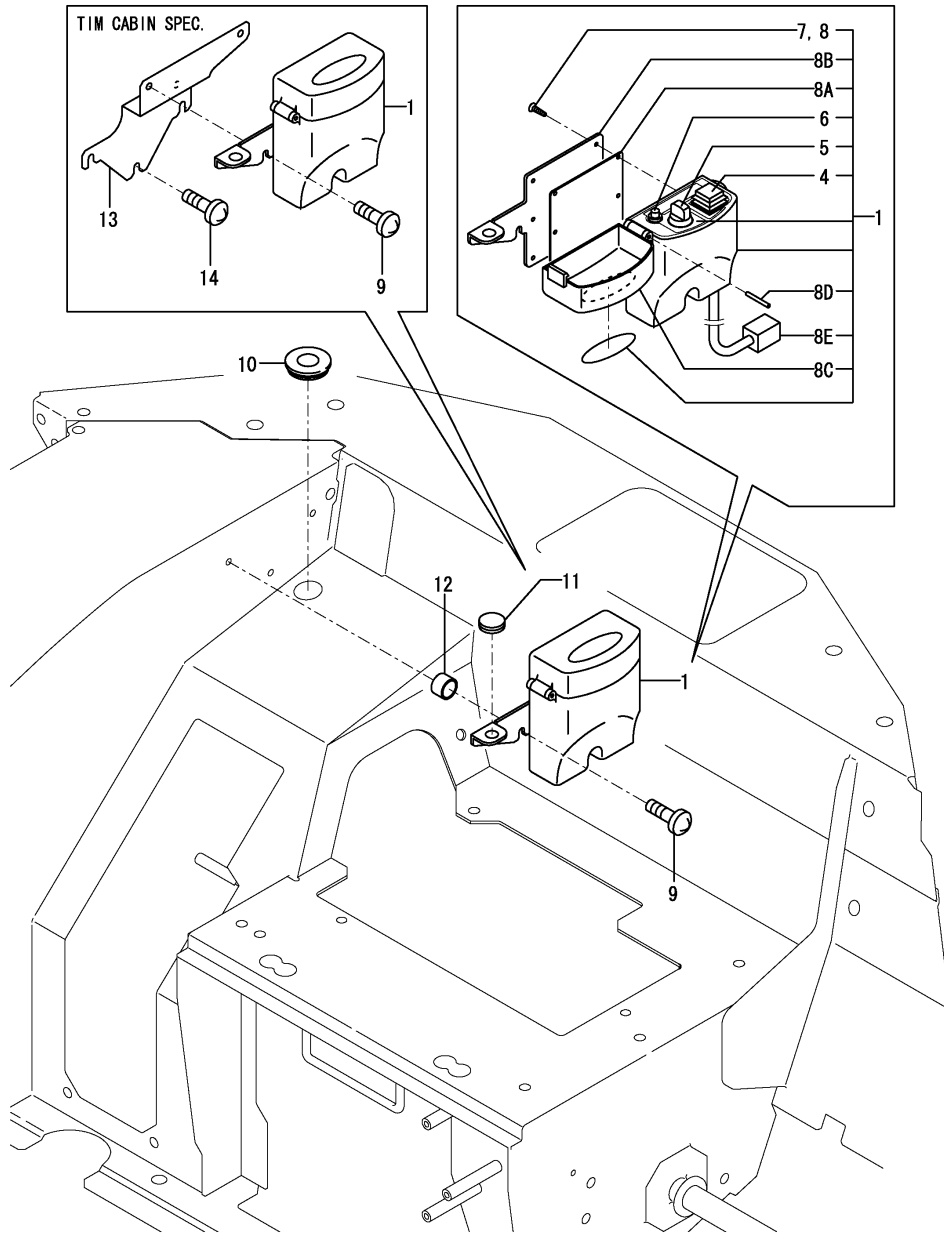
Remarks

- (1)Hour meter = analog type. Attach the No.32A label to this part.
- Only the monitor port copes in No.49.
- (2)Label is not illustrated.
- (3)Hour meter = L.C.D. type.

Fig.17. QUICK COUPLER(SWITCH BOX)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



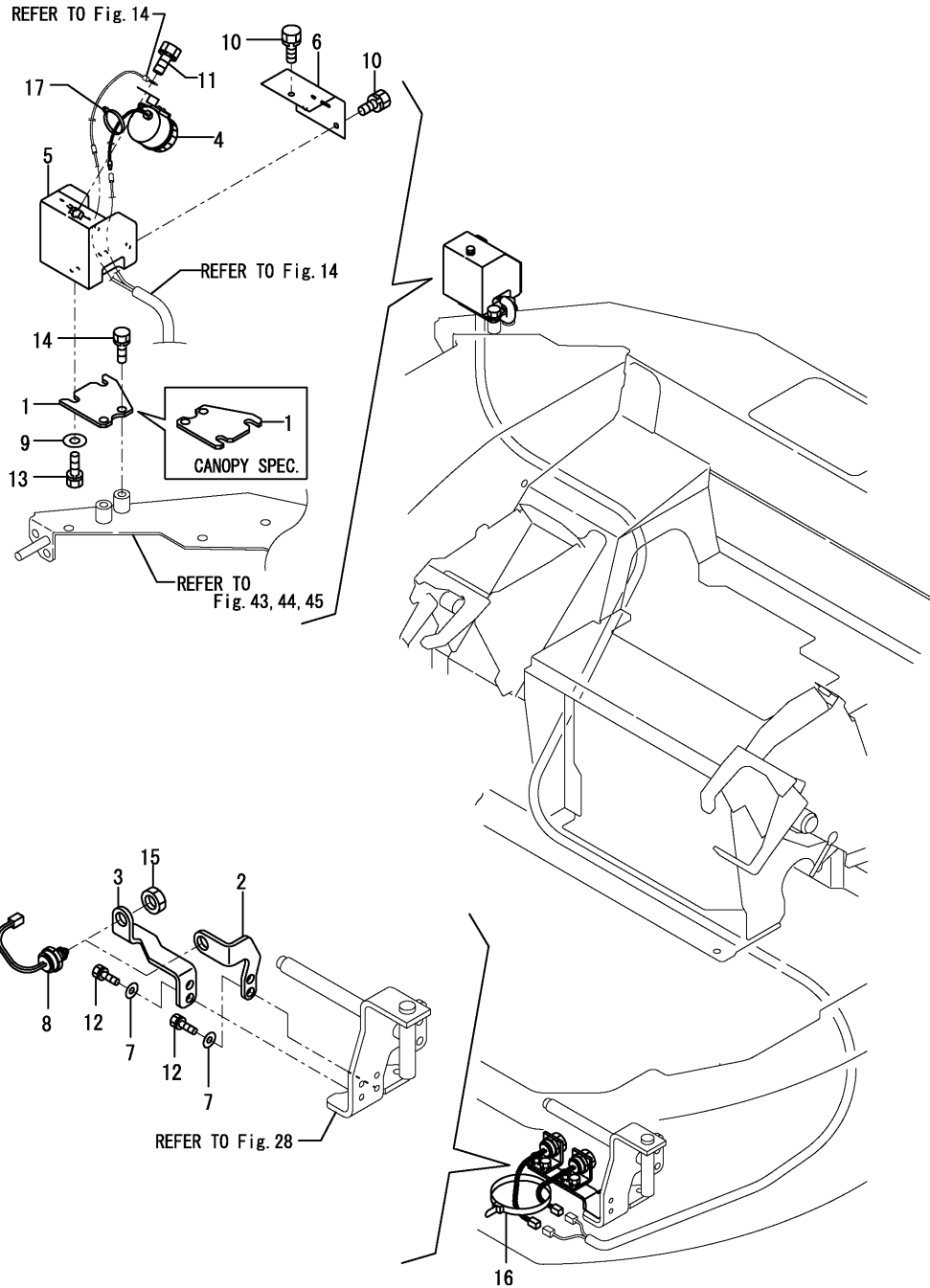
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17101	BOX, SWITCH	1	1	1	1	1	1		1
4	2	172958-17140	SWITCH ASSY	1	1	1	1	1	1		
5	2	172958-17150	SWITCH ASSY	1	1	1	1	1	1		
6	2	172958-17160	LAMP, INDICATOR	1	1	1	1	1	1		
7	2	172958-17170	SCREW, TAPPING	1	1	1	1	1	1		
7-1	2	172958-17170	SCREW, TAPPING	6	6	6	6	6	6		K
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997) (E=M/#30997) (F=M/#30997)									
8	2	172958-17180	SCREW, TAPPING	1	1	1	1	1	1		
8-1	2	172958-17180	SCREW, TAPPING	2	2	2	2	2	2		K
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997) (E=M/#30997) (F=M/#30997)									
8A	2	172958-17190	PACKING	1	1	1	1	1	1		
8B	2	172958-17200	BRACKET	1	1	1	1	1	1		
8C	2	172958-17210	CASE	1	1	1	1	1	1		
8D	2	22351-030028	PIN, SPRING 3.0X28	1	1	1	1	1	1		
8E	2	172958-17220	CORD	1	1	1	1	1	1		W
		(A=M/#31248) (B=M/#31248) (C=M/#31248) (D=M/#31248) (E=M/#31248) (F=M/#31248)									
9	1	172137-46210	SCREW	3	3	3	3	3	3		
10	1	172958-64500	PLUG	1	1	1	1	1	1		
11	1	172187-64900	PLUG	1	1	1	1	1	1		
12	1	172958-17130	COLLAR	3		3		3			
13	1	172472-17900	STAY ASSY	1							
14	1	26587-060202	SCREW, M6X20	3							
15A	1	172472-03290	LABEL, SWITCH	1	1	1	1	1	1		2
15B	1	172472-03300	LABEL, COVER	1	1	1	1	1	1		2

Remarks
 (1) Attach the No.15A & 15B label to this part.
 (2) Label is not illustrated.

Fig.18. TRAVEL ALARM

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

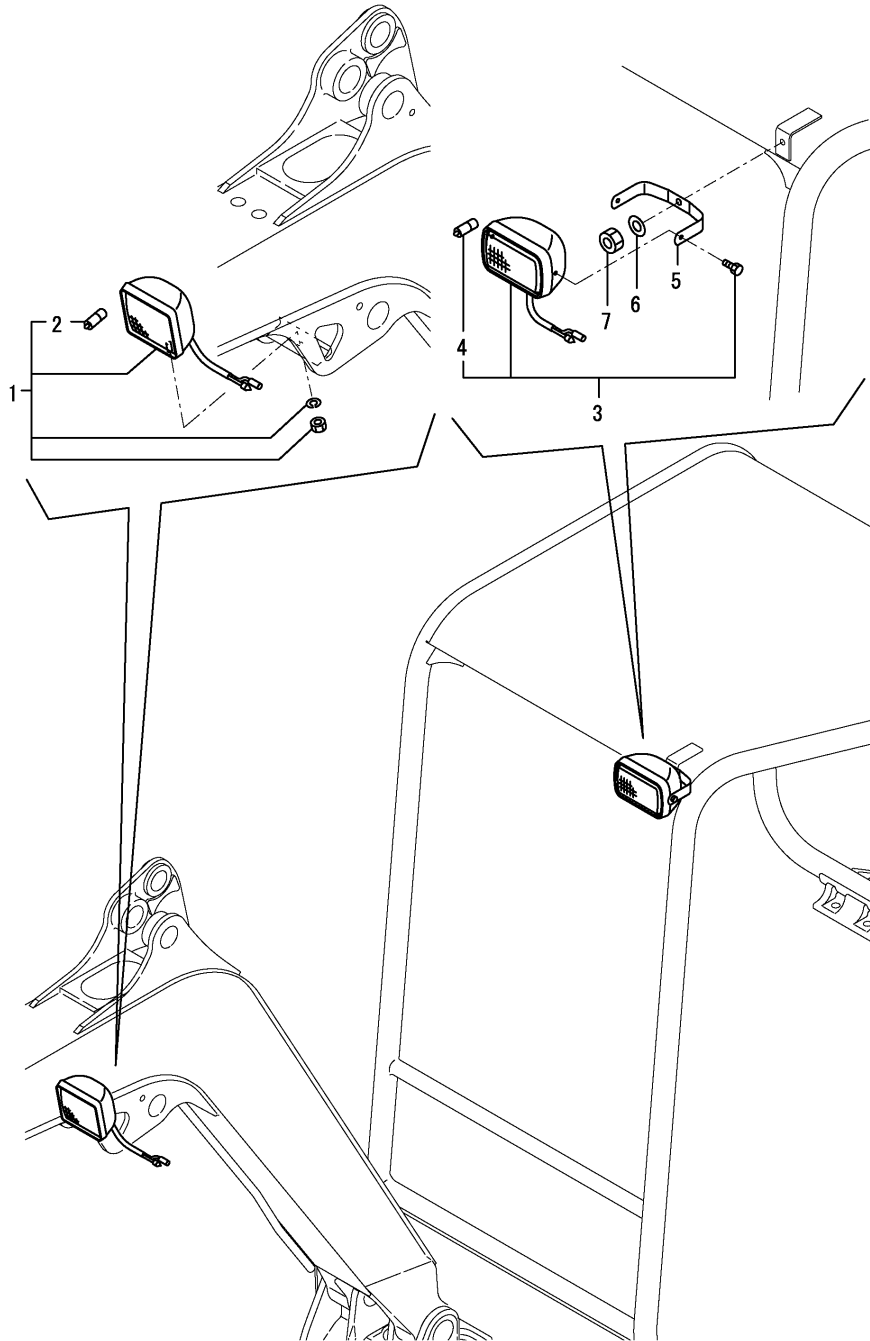


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-17200	PLATE, ALARM	1	1	1	1	1	1		
2	1	172472-17250	BRACKET A SSW	1	1	1	1	1	1		
3	1	172472-17260	BRACKET B SSW	1	1	1	1	1	1		
4	1	172511-17351	BUZZER, BACK	1	1	1	1	1	1		
5	1	172472-17400	CASE ASSY, ALARM	1	1	1	1	1	1		
6	1	172472-17470	COVER, ALARM CASE	1	1	1	1	1	1		
7	1	172157-45840	WASHER 8X18X4	4	4	4	4	4	4		
8	1	194464-52190	SWITCH, START	2	2	2	2	2	2		
9	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
10	1	26013-060122	BOLT, M6X 12	3	3	3	3	3	3		
11	1	26013-080122	BOLT, M8X 12	1	1	1	1	1	1		
12	1	26013-080252	BOLT, M8X 25	4	4	4	4	4	4		
13	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
14	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
15	1	26776-180002	NUT, LOCK M18	2	2	2	2	2	2		
16	1	933152-09280	BAND	3	3	3	3	3	3		
17	1	933168-55770	BAND	1	1	1	1	1	1		

Fig.19. WORK LAMP & CANOPY LAMP

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

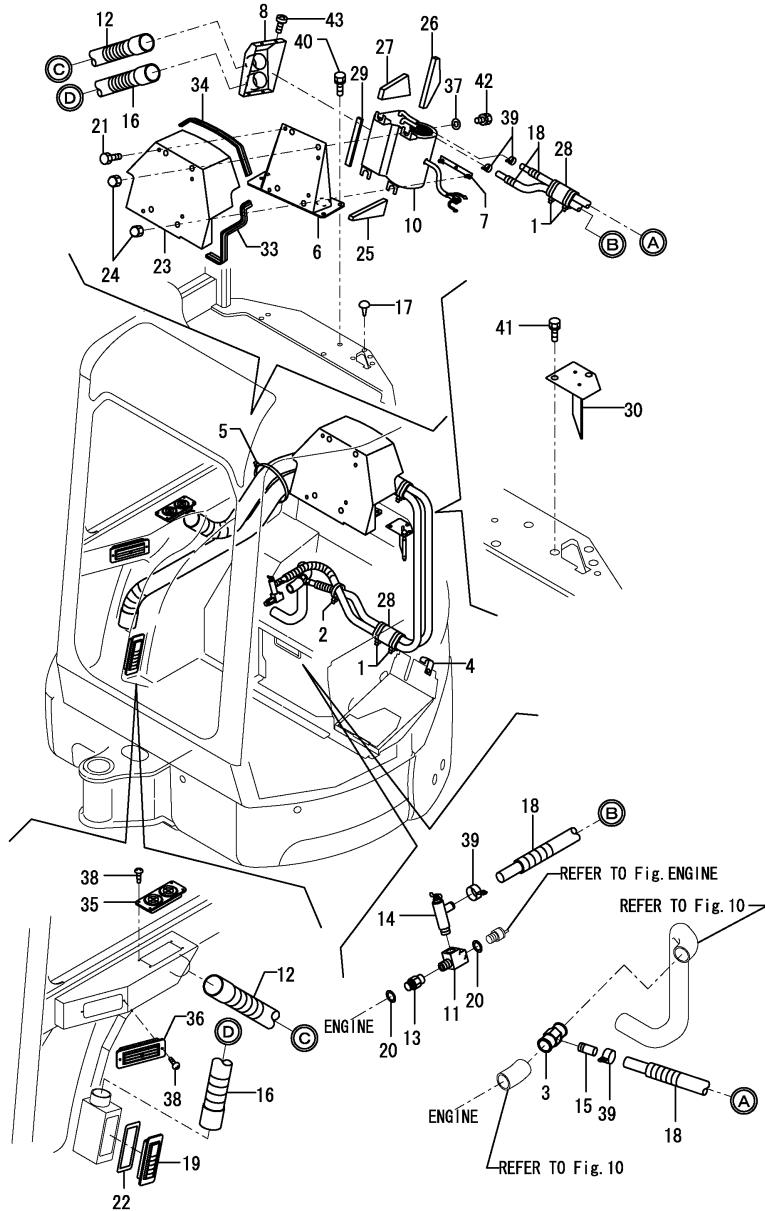
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-17450	LAMP, WORK	1	1	1	1	1	1		
2	2	172187-17540	BULB	1	1	1	1	1	1		
3	1	172458-17400	LAMP				1		1		
4	2	172458-17420	BULB					1		1	
5	1	172458-17410-1	STAY, LAMP					1		1	
6	1	22137-100000	WASHER, 10					1		1	
7	1	26346-100002	NUT, M10						1		1

Fig.20. HEATER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)
 (D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



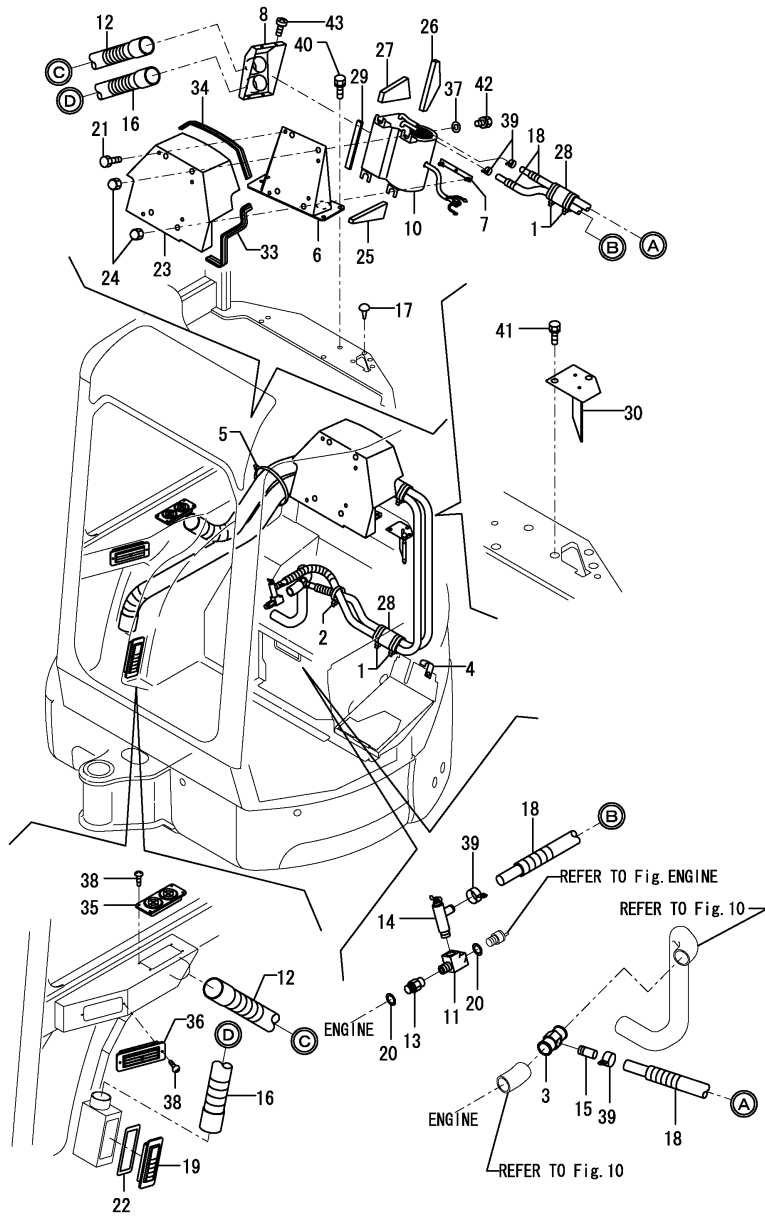
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND			2		2			
2	1	172126-11510	BAND			1		1			
3	1	172141-13490	JOINT			1		1			
4	1	172126-16540	CLAMP			1		1			
5	1	172183-16560	CLIP, HOSE			1		1			
6	1	172458-16650	FRAME ASSY, HEATER			1		1			
7	1	172458-16690	NUT			1		1			
8	1	172458-16700	DUCT ASSY, HEATER			1		1			
10	1	172458-17551	HEATER			1		1			
11	1	172168-17601	CONNECTOR			1		1			
12	1	172458-17620	HOSE ASSY, DEFROSTER			1		1			
13	1	172137-17631	JOINT, HEATER			1		1			
14	1	172425-17630	VALVE ASSY, HEATER			1		1			
15	1	172124-17640	JOINT, PIPE			1		1			
16	1	172458-17640	HOSE, HEATER			1		1			
17	1	172444-17660	CLIP, TREE			1		1			
18	1	172458-17660	HOSE, HEATER			2		2			
19	1	172458-17700	GRILLE			1		1			
20	1	124465-44950	GASKET, 16			2		2			
21	1	172168-46760	BOLT			4		4			
22	1	172458-63400	SPONGE, GRILLE			1		1			
23	1	172458-63410	COVER, HEATER			1		1		1	
24	1	172458-63470	NUT, CAP			4		4			
25	1	172458-63610	SEAL, SPONGE			1		1			
26	1	172458-63620	SEAL, SPONGE			1		1			
27	1	172458-63630	SEAL, SPONGE			1		1			
28	1	172458-63640	SPONGE, HOSE			2		2			
29	1	172458-63650	SEAL, SPONGE			1		1			
30	1	172458-63820	PLATE ASSY			1		1		2	
33	1	172422-65750	SEAL, DUCT			1		1			
34	1	172989-68640	RUBBER, SEAL			1		1			
35	1	1E8545-80940	GRILLE, DUCT			1		1			
36	1	197830-88611	GRILLE			1		1			
37	1	22137-100000	WASHER, 10			2		2			
38	1	22869-400160	SCREW, 4X16			6		6			
39	1	23001-022000	CLAMP, HOSE 22			4		4			
40	1	26013-100162	BOLT, M10X 16			4		4			
41	1	26013-100162	BOLT, M10X 16			2		2			
42	1	26013-100202	BOLT, M10X 20			2		2			
43	1	26587-040122	SCREW, M4X12			4		4			
44A	1	172437-03310	LABEL, SLOPE			1		1		3	
44A-1	1	172437-03311	LABEL, SLOPE US			1		1		3	
44A-2	1	172437-03312	LABEL, SLOPE (C=M/#30778) (E=M/#31112)			1		1		N 3	
44B	1	172437-03341	LABEL, TRANSPORT			1		1		3	
44B-1	1	172437-03342	LABEL, TRANSPORT US (C=M/#30778)			1		1		3	
44B-2	1	172437-03343	LABEL, TRANSPORT (C=M/#31282)			1		1		N 3	
44C	1	172437-03371	LABEL			1		1		3	

Remarks

- (1) Attach the No.44A, 44B & 44C label to this part.
- (2) Attach the No.45A label to this part.
- (3) Label is not illustrated.

Fig.20. HEATER

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



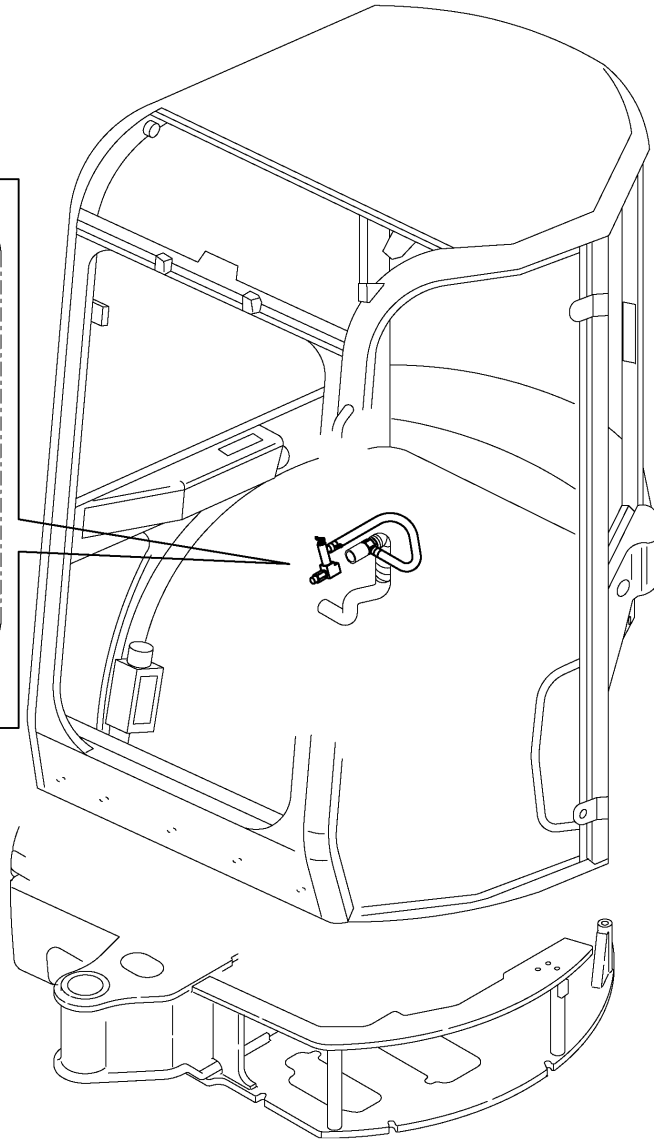
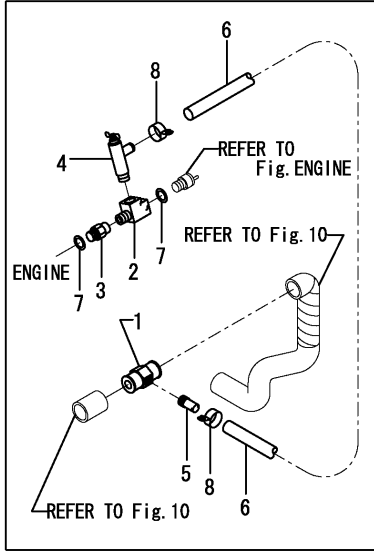
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
44C-1	1	172437-03372	LABEL, NEUTRAL (C=M/#30778)			1			1		N	3
45A	1	172472-03180	LABEL, VENTILATION			1			1			3

Remarks
 (1) Attach the No.44A, 44B & 44C label to this part.
 (2) Attach the No.45A label to this part.
 (3) Label is not illustrated.

Fig.21. HEATER(PIPING)(TIM CABIN)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

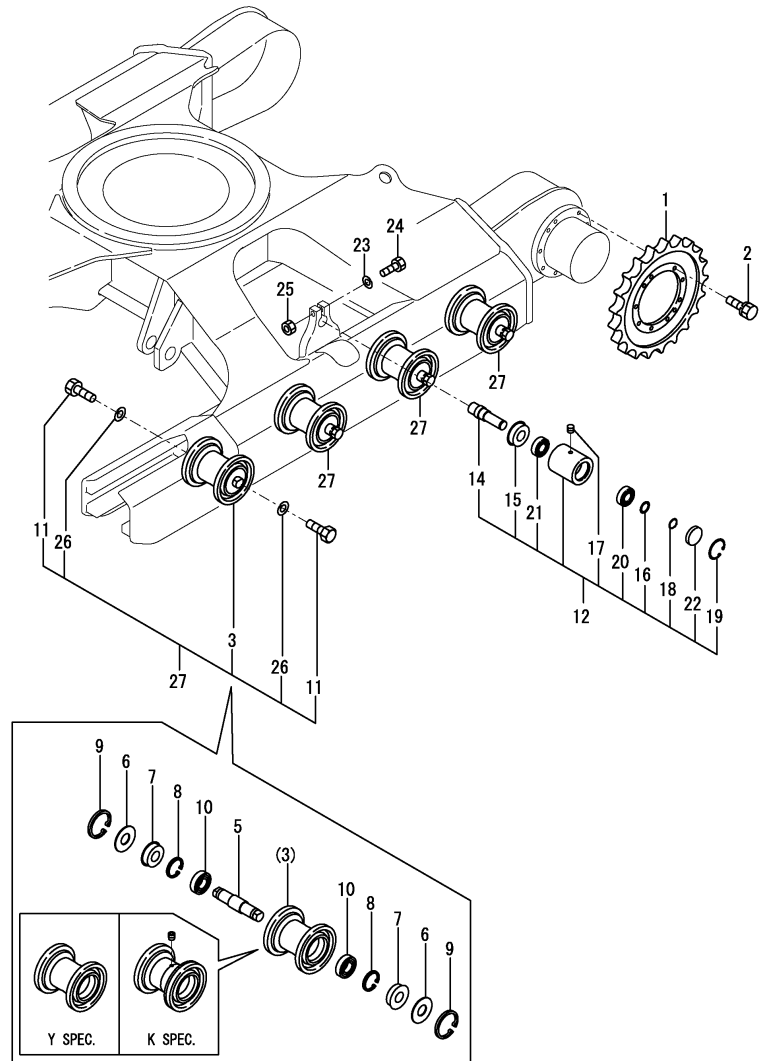


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-13490	JOINT	1							
2	1	172168-17601	CONNECTOR	1							
3	1	172137-17631	JOINT, HEATER	1							
4	1	172425-17630	VALVE ASSY, HEATER	1							
5	1	172124-17640	JOINT, PIPE	1							
6	1	172472-17800	HOSE, HEATER	1							
7	1	124465-44950	GASKET, 16	2							
8	1	23001-022000	CLAMP, HOSE 22	4							

Fig.23. SPROCKET & ROLLER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-29100-1	SPROCKET	2	2	2	2	2	2		
2	1	26013-100252	BOLT, M10X 25	24	24	24	24	24	24		
3	1	172441-37301-1	ROLLER, TRUCK	8	8	8	8	8	8		
3-1	1	172441-37302	ROLLER ASSY,TRACK	8						8	N
		(A=MZZZZZ)									(F=MZZZZZ)
3-2	1	172441-37302	ROLLER ASSY,TRACK	8	8	8	8	8	8	8	Z 3
		(A=*2014.05)	(B=*2014.05)	(C=*2014.05)	(D=*2014.05)	(E=*2014.05)	(F=*2014.05)				
5	2	172422-37310	SHAFT, ROLLER	8	8	8	8	8	8		
6	2	172141-37320	SPACER	16	16	16	16	16	16		
7	2	1A1030-48250	SEAL,OIL QLF30621218	16	16	16	16	16	16		
8	2	22252-000620	RING, 62	16	16	16	16	16	16		
9	2	22252-000750	RING, 75	16	16	16	16	16	16		
10	2	933111-73800	BEARING, BALL	16	16	16	16	16	16		
11	1	172490-37310	BOLT	16	16	16	16	16	16		
11-1	1	172490-37320	BOLT	16	16	16	16	16	16		F 1
		(A=M/#30718)	(B=M/#30718)	(C=M/#30718)	(D=M/#30718)	(E=M/#30718)	(F=M/#30718)				
12	1	172458-37500-1	ROLLER ASSY, CARRIER	2	2	2	2	2	2		
14	2	172458-37570	SHAFT	2	2	2	2	2	2		
15	2	172458-37580	SEAL, OIL	2	2	2	2	2	2		
16	2	172458-37590	COLLAR	2	2	2	2	2	2		
17	2	194630-42120	PLUG, PT1/8	2	2	2	2	2	2		
18	2	22242-000250	RING, 25	2	2	2	2	2	2		
19	2	22252-000521	RING, 52	2	2	2	2	2	2		
20	2	24101-062054	BEARING, BALL 6205	2	2	2	2	2	2		
21	2	24102-062054	BEARING, BALL 6205U	2	2	2	2	2	2		
22	2	27260-520000	PLUG, 52	2	2	2	2	2	2		
23	1	22217-140000	WASHER, SPRING 14	2	2	2	2	2	2		
24	1	26116-140652	BOLT, M14X 65 PLATED	2	2	2	2	2	2		
25	1	26716-140002	NUT, M14	2	2	2	2	2	2		
26	1	22217-160000	WASHER, SPRING 16	16	16	16	16	16	16		W
		(A=M/#30718)	(B=M/#30718)	(C=M/#30718)	(D=M/#30718)	(E=M/#30718)	(F=M/#30718)				
27	1	772441-37300-1	ROLLER ASSY, TRUCK	8	8	8	8	8	8	8	W 2
		(A=M/#XXXXX)	(B=M/#XXXXX)	(C=M/#XXXXX)	(D=M/#XXXXX)	(E=M/#XXXXX)	(F=M/#XXXXX)				
27-1	1	772441-37300-1	ROLLER ASSY, TRUCK	8	8	8	8	8	8	8	Z
		(A=*2014.05)	(B=*2014.05)	(C=*2014.05)	(D=*2014.05)	(E=*2014.05)	(F=*2014.05)				

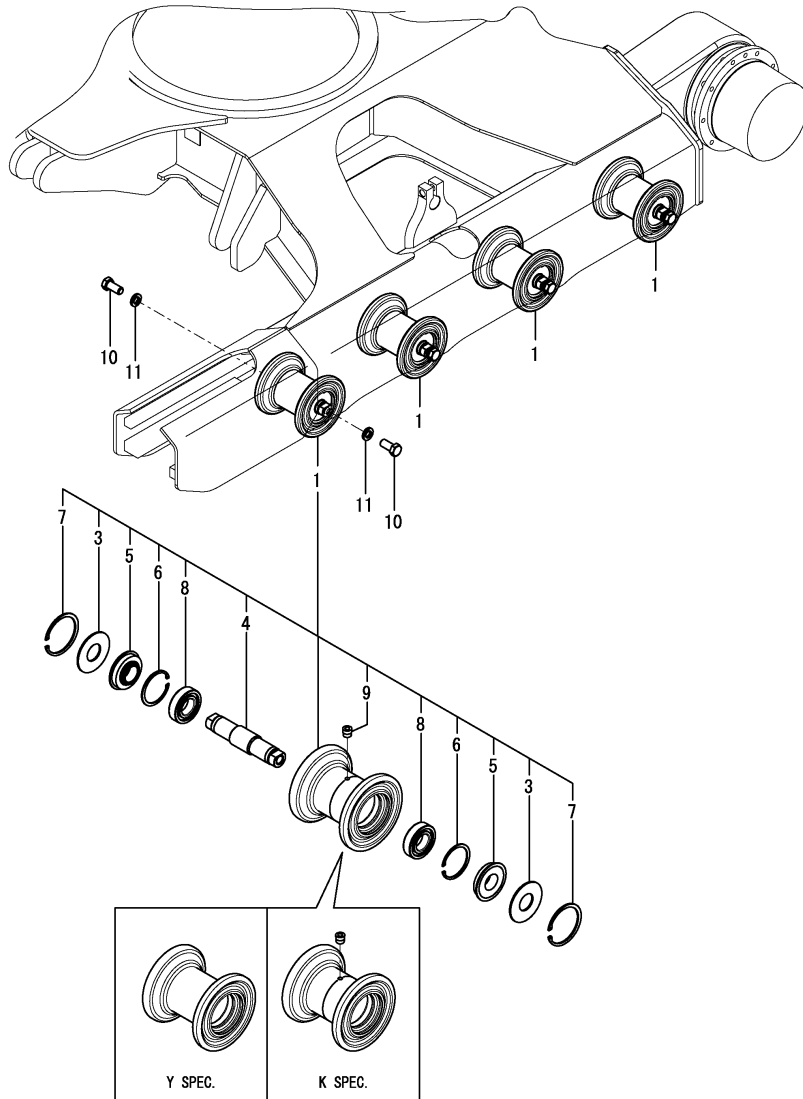
Remarks

- (1)Interchangeable by simultaneous replacement with No.26.
- (2)Include No.3, 11-1 & 26.
- (3)Y specification. Interchangeable with Fig.102(23A) No.1. The inner parts are not compatib

Fig.102. (23A)TRACK ROLLER(K SPEC.)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



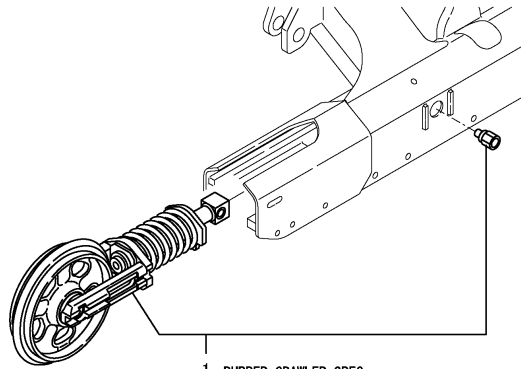
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-37300 (A=*2014.05.) (B=*2014.05.)	ROLLER ASSY,LOWER (C=*2014.05.) (D=*2014.05.)	8	8	8	8	8	8		W
3	2	172141-37320	SPACER	16	16	16	16	16	16		
4	2	172B03-37320	SHAFT	8	8	8	8	8	8		
5	2	1A1030-48250	SEAL,OIL QLF30621218	16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

Remarks
 *Track roller(Y spec.) are shown in Fig.23.
 The inner parts are not compatible.

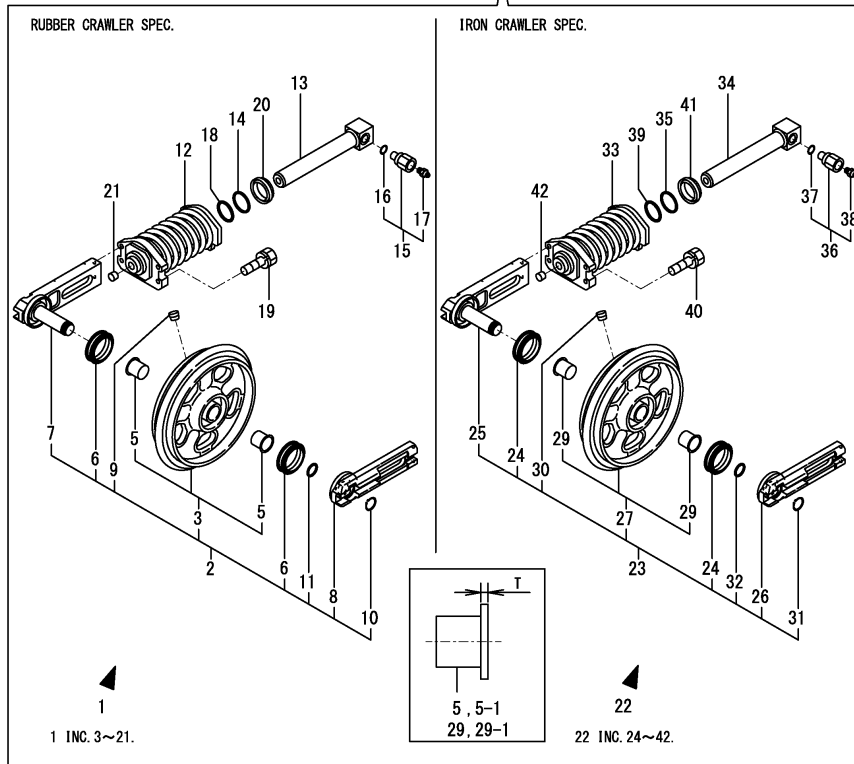
Fig.24. IDLER & ADJUST

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



1 RUBBER CRAWLER SPEC.
 22 IRON CRAWLER SPEC.



1 INC. 3~21.

5, 5-1
 29, 29-1

22 INC. 24~42.

Remarks

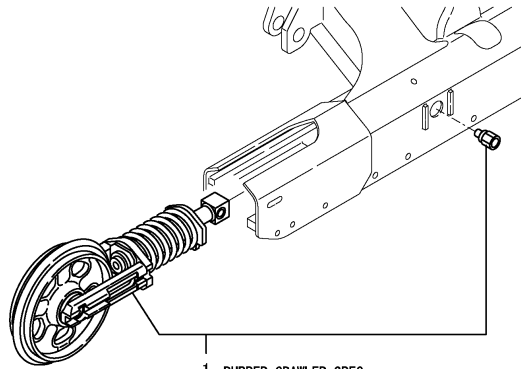
- (1)Rubber crawler specification.
- (2)Iron crawler specification.
- (3)T=No.5, 29 : 2mm, No.5-1, 29-1 : 4.5mm.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772458-37200	IDLER ASSY, RUBBER	2	2	2	2	2	2		1
2	2	772458-37100-1	IDLER ASSY	2	2	2	2	2	2		
3	3	172458-37100-1	IDLER ASSY	2	2	2	2	2	2		
3-1	3	172458-37101-1	IDLER ASSY	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
3-2	3	172458-37102-1	IDLER ASSY	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
5	4	172423-37370	BUSH	4	4	4	4	4	4		
5-1	4	172A77-37370	BUSH	4	4	4	4	4	4	S	3
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
6	3	172458-37120	SEAL, FLOATING	4	4	4	4	4	4		
7	3	172458-37130	SHAFT ASSY, IDLER	2	2	2	2	2	2		
7-1	3	172458-37131	SHAFT ASSY, IDLER	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
8	3	172458-37150	COVER, SEAL	2	2	2	2	2	2		
8-1	3	172458-37151	COVER, SEAL	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
9	3	194630-42120	PLUG, PT1/8	2	2	2	2	2	2		
10	3	22242-000300	RING, 30	2	2	2	2	2	2		
11	3	24321-000300	O-RING, 1AG30.0	2	2	2	2	2	2		
12	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2	2	2	2		
13	2	172422-37780	PISTON ASSY, ADJUST	2	2	2	2	2	2		
14	2	172122-37830	RING, BACK UP	2	2	2	2	2	2		
14-1	2	172460-37750	RING, BACK UP	2	2	2	2	2	2	N	
		(A=M/#31112) (B=M/#31112) (C=M/#31112) (D=M/#31112)		(E=M/#31112)	(F=M/#31112)						
15	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2	2	2		
16	3	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
17	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
18	2	24325-000400	O-RING, 1BG40.0	2	2	2	2	2	2		
19	2	26013-100402	BOLT, M10X 40	8	8	8	8	8	8		
20	2	933111-23600	SEAL, OIL	2	2	2	2	2	2		
21	2	933171-13691	PLUG	2	2	2	2	2	2		
22	1	772458-37120	IDLER ASSY, IRON	2	2	2	2	2	2		2
23	2	772458-37110-1	IDLER ASSY	2	2	2	2	2	2		
24	3	172458-37120	SEAL, FLOATING	4	4	4	4	4	4		
25	3	172458-37130	SHAFT ASSY, IDLER	2	2	2	2	2	2		
25-1	3	172458-37131	SHAFT ASSY, IDLER	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
26	3	172458-37150	COVER, SEAL	2	2	2	2	2	2		
26-1	3	172458-37151	COVER, SEAL	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
27	3	172458-37170-1	IDLER, 295	2	2	2	2	2	2		
27-1	3	172458-37171-1	IDLER ASSY	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
27-2	3	172458-37172-1	IDLER ASSY	2	2	2	2	2	2	N	
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
29	4	172423-37370	BUSH	4	4	4	4	4	4		
29-1	4	172A77-37370	BUSH	4	4	4	4	4	4	S	3
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)		(E=M/#XXXXX)	(F=M/#XXXXX)						
30	3	194630-42120	PLUG, PT1/8	2	2	2	2	2	2		
31	3	22242-000300	RING, 30	2	2	2	2	2	2		

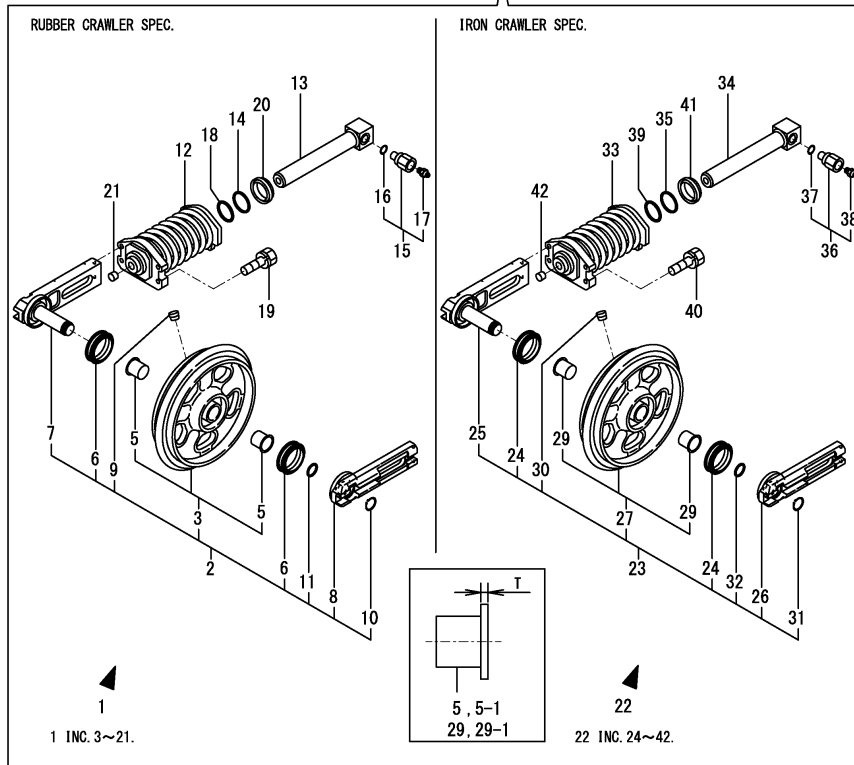
Fig.24. IDLER & ADJUST

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



1 RUBBER CRAWLER SPEC.
 22 IRON CRAWLER SPEC.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	3	24321-000300	O-RING, 1AG30.0	2	2	2	2	2	2		
33	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2	2	2	2		
34	2	172422-37780	PISTON ASSY, ADJUST	2	2	2	2	2	2		
35	2	172122-37830	RING, BUCK UP	2	2	2	2	2	2		
35-1	2	172460-37750	RING, BACK UP	2	2	2	2	2	2		N
		(A=M/#31112) (B=M/#31112) (C=M/#31112) (D=M/#31112)		(E=M/#31112)	(F=M/#31112)						
36	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2	2	2		
37	3	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
38	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
39	2	24325-000400	O-RING, 1BG40.0	2	2	2	2	2	2		
40	2	26013-100402	BOLT, M10X 40	8	8	8	8	8	8		
41	2	933111-23600	SEAL, OIL	2	2	2	2	2	2		
42	2	933171-13691	PLUG	2	2	2	2	2	2		

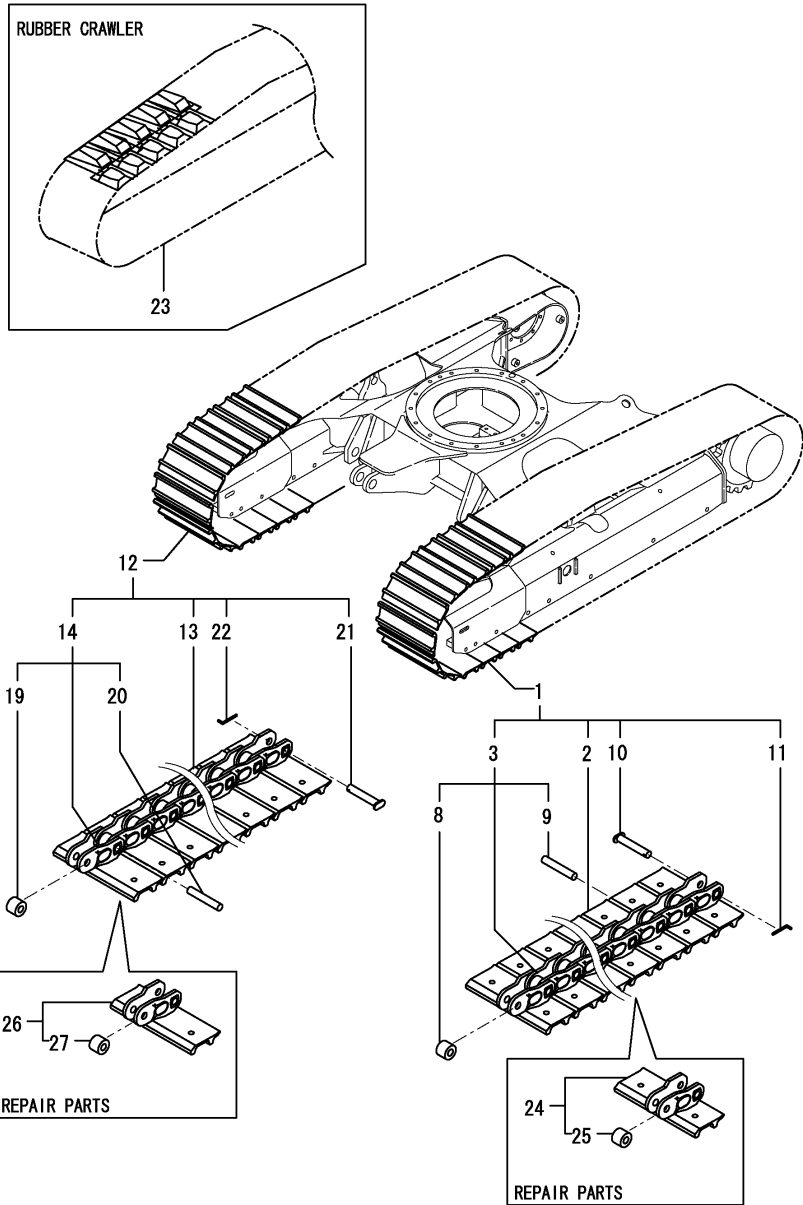
Remarks

- (1)Rubber crawler specification.
- (2)Iron crawler specification.
- (3)T=No.5, 29 : 2mm, No.5-1, 29-1 : 4.5mm.

Fig.25. CRAWLER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



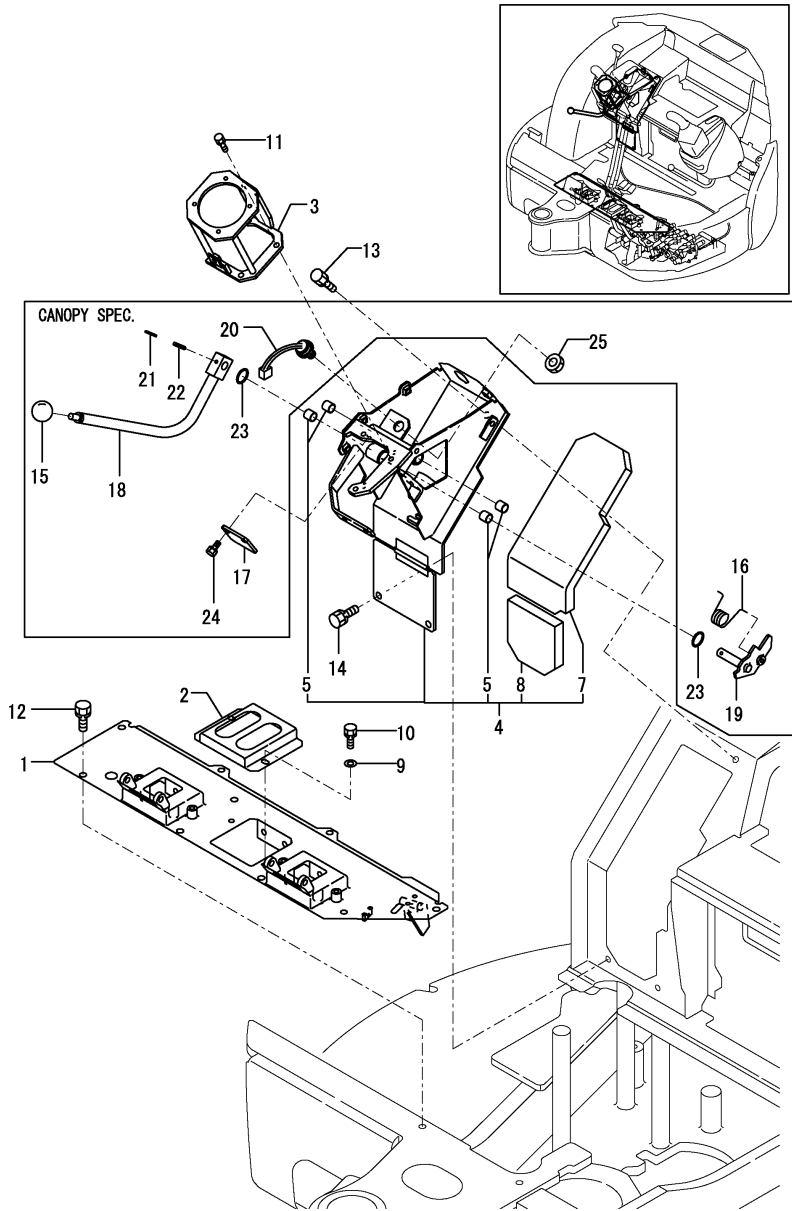
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-38100-1	SHOE ASSY, TRACK 300	1	1	1	1	1	1		1
2	2	172458-38110-1	PLATE, SHOE	41	41	41	41	41	41		
3	2	172457-38140-1	LINK ASSY, TRACK	1	1	1	1	1	1		
8	3	172458-38200	BUSH, TRUCK	41	41	41	41	41	41		
9	3	172458-38210	PIN,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

Remarks

- (1)Iron crawler specification.
- (2)Rubber crawler specification.
- (3)Repair parts.

Fig.26. LOCK LEVER & STAND(RIGHT)

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-45400	STAND ASSY, LINK	1	1	1	1	1	1		
1-1	1	172472-45401	STAND ASSY, LINK	1	1	1	1	1	1		N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)		(E=MZZZZZ)	(F=MZZZZZ)						
2	1	172458-45510	BRACKET, BOOM	1	1	1	1	1	1		
3	1	172472-46210	BRACKET ASSY	1	1	1	1	1	1		
4	1	172A36-46800	STAND ASSY, LEVER	1	1	1	1	1	1		1
4-1	1	172A36-46801	STAND ASSY, LEVER	1	1	1	1	1	1		N
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997)		(E=M/#30997)	(F=M/#30997)						
4-2	1	172A36-46802	STAND ASSY, LEVER	1	1	1	1	1	1		N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)		(E=MZZZZZ)	(F=MZZZZZ)						
5	2	172141-41360	BUSH	4	4	4	4	4	4		
7	2	172A23-46840	SPONGE	1	1	1	1	1	1		
8	2	172A23-46850	SPONGE	1	1	1	1	1	1		
9	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
10	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
11	1	26013-080202	BOLT, M8X 20	3	3	3	3	3	3		
12	1	26013-100202	BOLT, M10X 20	6	6	6	6	6	6		
13	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
14	1	26013-100202	BOLT, M10X 20	3	3	3	3	3	3		
15	1	1D4070-23580	GRIP, ROUND 10		1		1		1		
16	1	172165-45970	SPRING		1		1		1		
17	1	172458-46950	PLATE		1		1		1		
18	1	172458-47680	LEVER, LOCK		1		1		1		2
19	1	172458-47710	SHAFT ASSY		1		1		1		
20	1	194464-52190	SWITCH, START		1		1		1		
21	1	22351-030032	PIN, SPRING 3.0X32		1		1		1		
22	1	22351-050032	PIN, SPRING 5.0X32		1		1		1		
23	1	24311-000210	O-RING, 1AP21.0		2		2		2		
24	1	26013-080162	BOLT, M8X 16		2		2		2		
25	1	26776-180002	NUT, LOCK M18		1		1		1		
26A	1	172A36-03410	LABEL, ENGINE ROOM	1	1	1	1	1	1	1	Z 3
		(A=M/#31031) (B=M/#31031) (C=M/#31031) (D=M/#31031)		(E=M/#31031)	(F=M/#31031)						
27A	1	172183-03280	LABEL, LOCK		1		1		1		3

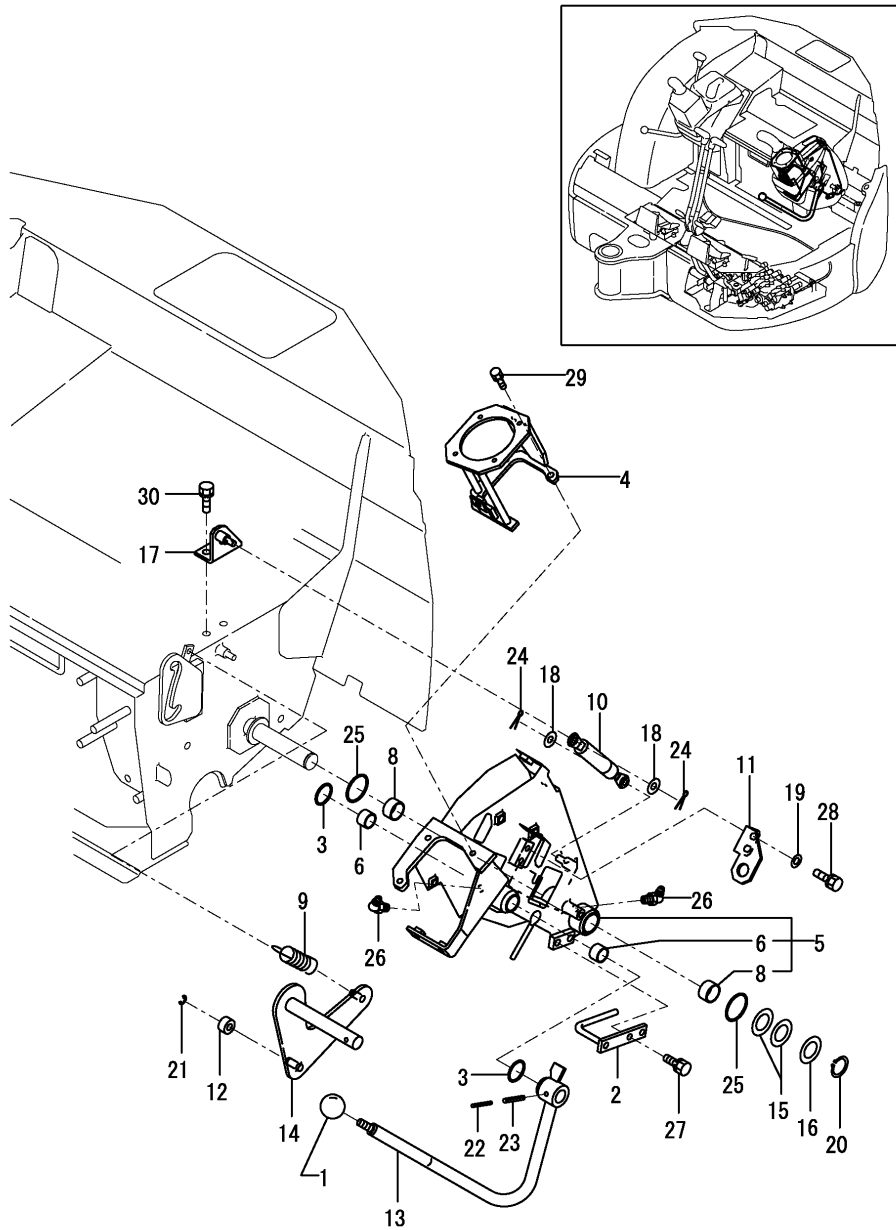
Remarks

- (1) Attach the No.26A label to this part.
- (2) Attach the No.27A label to this part.
- (3) Label is not illustrated.

Fig.27. LOCK LEVER & STAND(LEFT)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

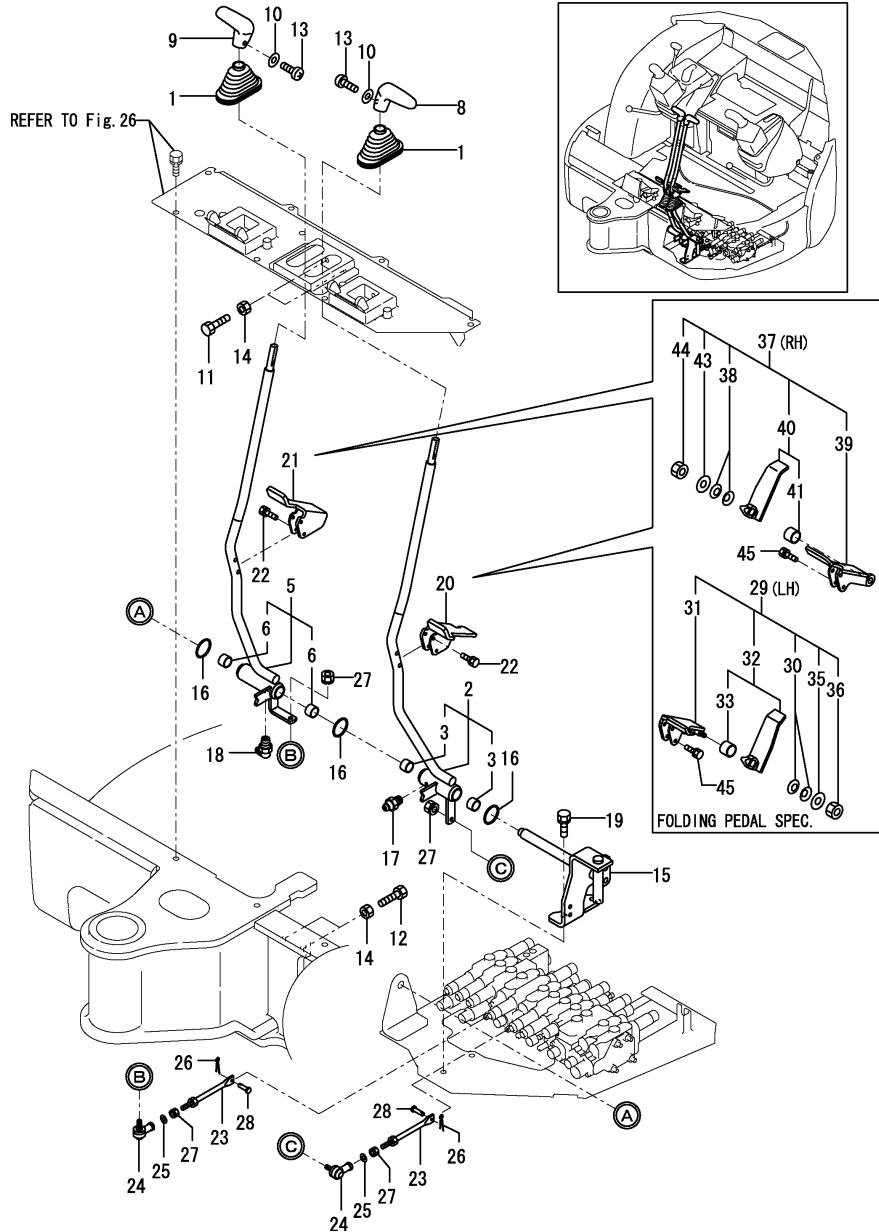


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP, ROUND 10	1	1	1	1	1	1		
2	1	172458-45850	GUIDE, HOSE	1	1	1	1	1	1		
3	1	172124-46200	O-RING	2	2	2	2	2	2		
4	1	172472-46220	BRACKET ASSY	1	1	1	1	1	1		
5	1	172472-46600	STAND, LEVER	1	1	1	1	1	1		
6	2	172141-41370	BUSH	2	2	2	2	2	2		
8	2	24550-025150	BUSH, 25X15	2	2	2	2	2	2		
9	1	172162-46690	SPRING	1	1	1	1	1	1		
10	1	172455-46890	SPRING, GAS	1	1	1	1	1	1		
11	1	172455-46950	BRACKET, SWITCH	1	1	1	1	1	1		
12	1	172165-47550	BUSH	1	1	1	1	1	1		
13	1	172472-47620	LEVER, LOCK	1	1	1	1	1	1		1
14	1	172458-47640	ROD ASSY, SPRING	1	1	1	1	1	1		
15	1	172165-47980	SHIM	2	2	2	2	2	2		
16	1	172165-47990	WASHER	1	1	1	1	1	1		
17	1	172472-64600	BRACKET, DAMPER	1	1	1	1	1	1		
18	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
19	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
20	1	22242-000250	RING, 25	1	1	1	1	1	1		
21	1	22272-000070	RING, E- 7	1	1	1	1	1	1		
22	1	22351-035040	PIN, SPRING 3.5X40	1	1	1	1	1	1		
23	1	22351-060040	PIN, SPRING 6.0X40	1	1	1	1	1	1		
24	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2		
25	1	24311-000340	O-RING, 1AP34.0	2	2	2	2	2	2		
26	1	24761-050000	NIPPLE, GREASE C	2	2	2	2	2	2		
27	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
28	1	26013-080202	BOLT, M8X 20	2	2	2	2	2	2		
29	1	26013-080202	BOLT, M8X 20	3	3	3	3	3	3		
30	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
31A	1	172183-03280	LABEL, LOCK	1	1	1	1	1	1		2

Remarks

- (1) Attach the No.31A label to this part.
- (2) Label is not illustrated.

Fig.28. TRAVEL LEVER



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2	2	2	2	2		
2	1	172472-45100	LEVER, TRUCK	1	1	1	1	1	1		
3	2	172141-41370	BUSH	2	2	2	2	2	2		
5	1	172472-45140	LEVER, TRUCK	1	1	1	1	1	1		
6	2	172141-41370	BUSH	2	2	2	2	2	2		
8	1	172187-45870	GRIP, DRIVE	1	1	1	1	1	1		
9	1	172187-45880	GRIP, DRIVE	1	1	1	1	1	1		
10	1	22117-040000	WASHER, 4	2	2	2	2	2	2		
11	1	26116-100404	BOLT, M10X 40 PLATED	2	2	2	2	2	2		
12	1	26116-100604	BOLT, M10X 60 PLATED	2	2	2	2	2	2		
13	1	26587-040122	SCREW, M4X12	2	2	2	2	2	2		
14	1	26716-100002	NUT, M10	4	4	4	4	4	4		
15	1	172472-45661	BRACKET ASSY, TRUCK	1	1	1	1	1	1		
16	1	172124-46200	O-RING	3	3	3	3	3	3		
17	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
18	1	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
19	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
20	1	172472-45600	PEDAL, TRUCK	1	1	1	1	1	1		1
21	1	172472-45620	PEDAL, TRUCK	1	1	1	1	1	1		1
22	1	26013-060352	BOLT, M6X 35	4	4	4	4	4	4		
23	1	172458-45250	ROD ASSY	2	2	2	2	2	2		
24	1	172122-46590	ELBOW	2	2	2	2	2	2		
25	1	22117-080000	WASHER, 8	2	2	2	2	2	2		
26	1	22417-160160	PIN, COTTER 1.6X16	2	2	2	2	2	2		
27	1	26051-080002	NUT, M8	4	4	4	4	4	4		
28	1	933110-54100	PIN	2	2	2	2	2	2		
29	1	172472-45601	PEDAL, TRUCK	1	1	1	1	1	1		W 2
				(A=M/#30718)	(B=M/#30718)	(C=M/#30718)	(D=M/#30718)	(E=M/#30718)	(F=M/#30718)		
30	2	172068-28490	SPRING	2	2	2	2	2	2		
31	2	172472-45720	PEDAL ASSY, TRUCK	1	1	1	1	1	1		
32	2	172472-45810	PEDAL ASSY, TRUCK	1	1	1	1	1	1		
33	3	172110-45050	BUSH	1	1	1	1	1	1		
35	2	22137-080000	WASHER, 8	1	1	1	1	1	1		
36	2	26347-080002	NUT, M8	1	1	1	1	1	1		
37	1	172472-45621	PEDAL, TRUCK	1	1	1	1	1	1		W 2
				(A=M/#30718)	(B=M/#30718)	(C=M/#30718)	(D=M/#30718)	(E=M/#30718)	(F=M/#30718)		
38	2	172068-28490	SPRING	2	2	2	2	2	2		
39	2	172472-45730	PEDAL ASSY, TRUCK	1	1	1	1	1	1		
40	2	172472-45850	PEDAL ASSY, TRUCK	1	1	1	1	1	1		
41	3	172110-45050	BUSH	1	1	1	1	1	1		
43	2	22137-080000	WASHER, 8	1	1	1	1	1	1		
44	2	26347-080002	NUT, M8	1							
45	1	26013-060302	BOLT, M6X 30	4	4	4	4	4	4		

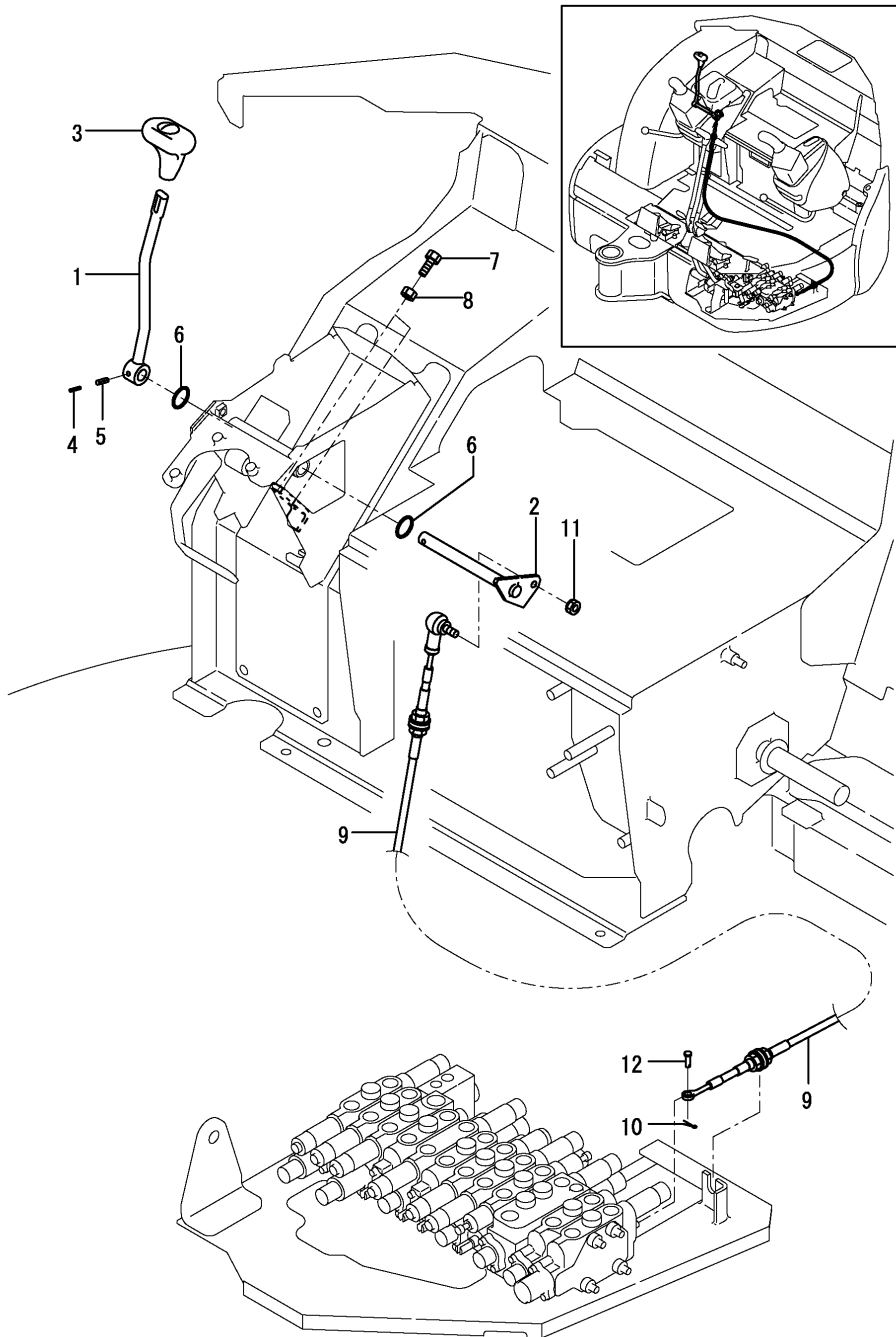
Remarks

- (1) Interchangeable by simultaneous replacement with No.29, 37 & 45.
- (2) Folding pedal specification.

Fig.29. BLADE LEVER

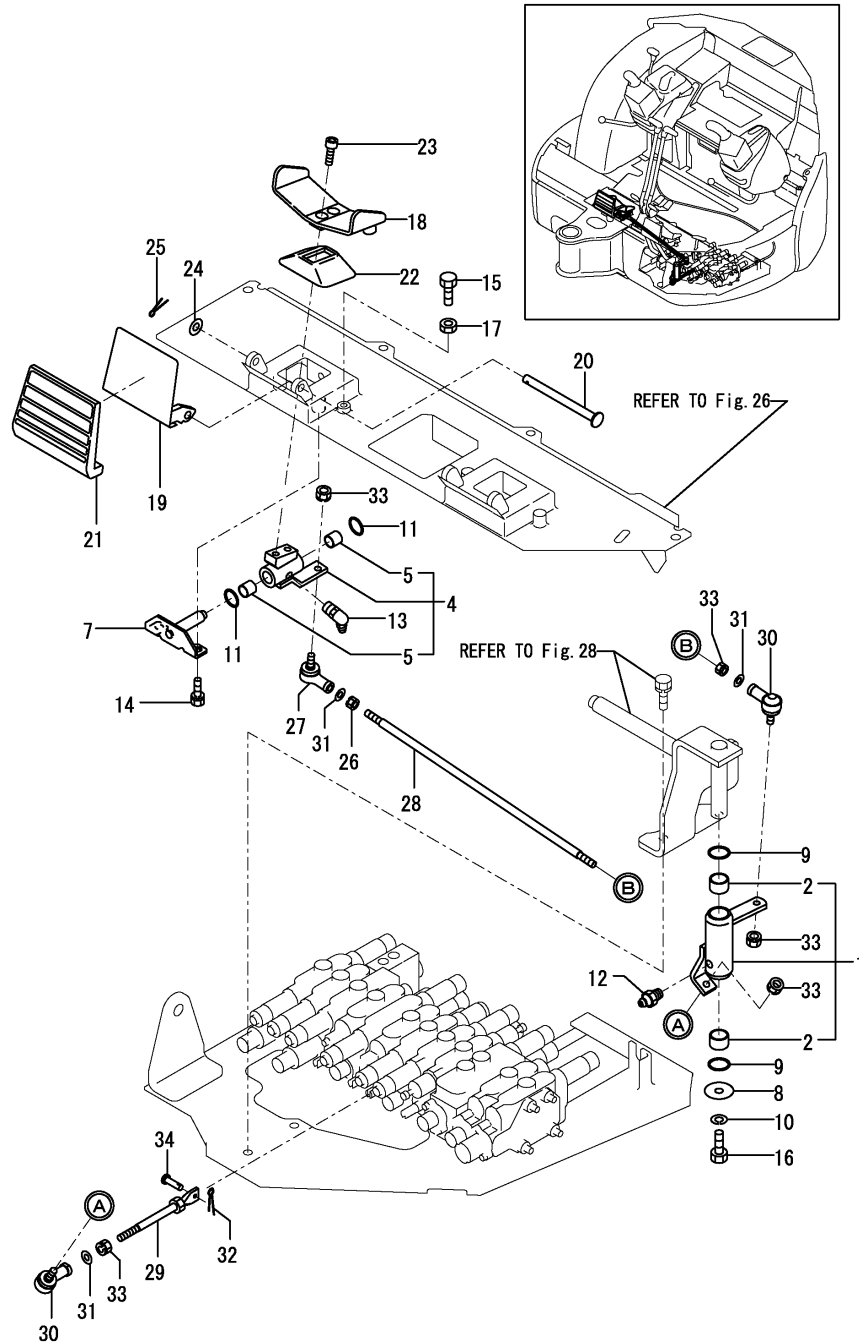
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-45700	LEVER, BLADE	1	1	1	1	1	1		
2	1	172458-45720	SHAFT ASSY	1	1	1	1	1	1		
3	1	172164-45970	GRIP, BLADE	1	1	1	1	1	1		
4	1	22351-030032	PIN, SPRING 3.0X32	1	1	1	1	1	1		
5	1	22351-050032	PIN, SPRING 5.0X32	1	1	1	1	1	1		
6	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
7	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2	2	2	2		
8	1	26716-080002	NUT, M8	2	2	2	2	2	2		
9	1	172472-45800	CABLE, BLADE	1	1	1	1	1	1		
10	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
11	1	26051-080002	NUT, M8	1	1	1	1	1	1		
12	1	933110-54100	PIN	1	1	1	1	1	1		

Fig.30. SWING PEDAL



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45180	LINK, SWING	1	1	1	1	1	1		
2	2	172141-41370	BUSH	2	2	2	2	2	2		
4	1	172458-45200	LINK, PEDAL	1	1	1	1	1	1		
5	2	172141-41360	BUSH	2	2	2	2	2	2		
7	1	172458-45230	SHAFT, PEDAL	1	1	1	1	1	1		
8	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1	1	1	1		
9	1	172124-46200	O-RING	2	2	2	2	2	2		
10	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
11	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
12	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
13	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
14	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
15	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2	2	2	2		
16	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1	1	1		
17	1	26716-080002	NUT, M8	2	2	2	2	2	2		
18	1	172458-45521	PEDAL, SWING	1	1	1	1	1	1		
19	1	172458-45540	COVER, PEDAL	1	1	1	1	1	1		
20	1	172187-45651	SHAFT	1	1	1	1	1	1		
21	1	172187-45760	PAD	1	1	1	1	1	1		
22	1	172157-45990	BOOT, PEDAL	1	1	1	1	1	1		
23	1	172165-46340	BOLT	2	2	2	2	2	2		
24	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
25	1	22417-250200	PIN, COTTER 2.5X20	1	1	1	1	1	1		
26	1	194200-37780	NUT, M8	1	1	1	1	1	1		
27	1	172734-41300	JOINT, BALL	1	1	1	1	1	1		
28	1	172146-45610	ROD, LINK	1	1	1	1	1	1		
29	1	172823-45940	ROD ASSY	1	1	1	1	1	1		
30	1	172122-46590	ELBOW	2	2	2	2	2	2		
31	1	22117-080000	WASHER, 8	3	3	3	3	3	3		
32	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
33	1	26051-080002	NUT, M8	5	5	5	5	5	5		
34	1	933110-54100	PIN	1	1	1	1	1	1		

Fig.31. LOW-HIGH PEDAL

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

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

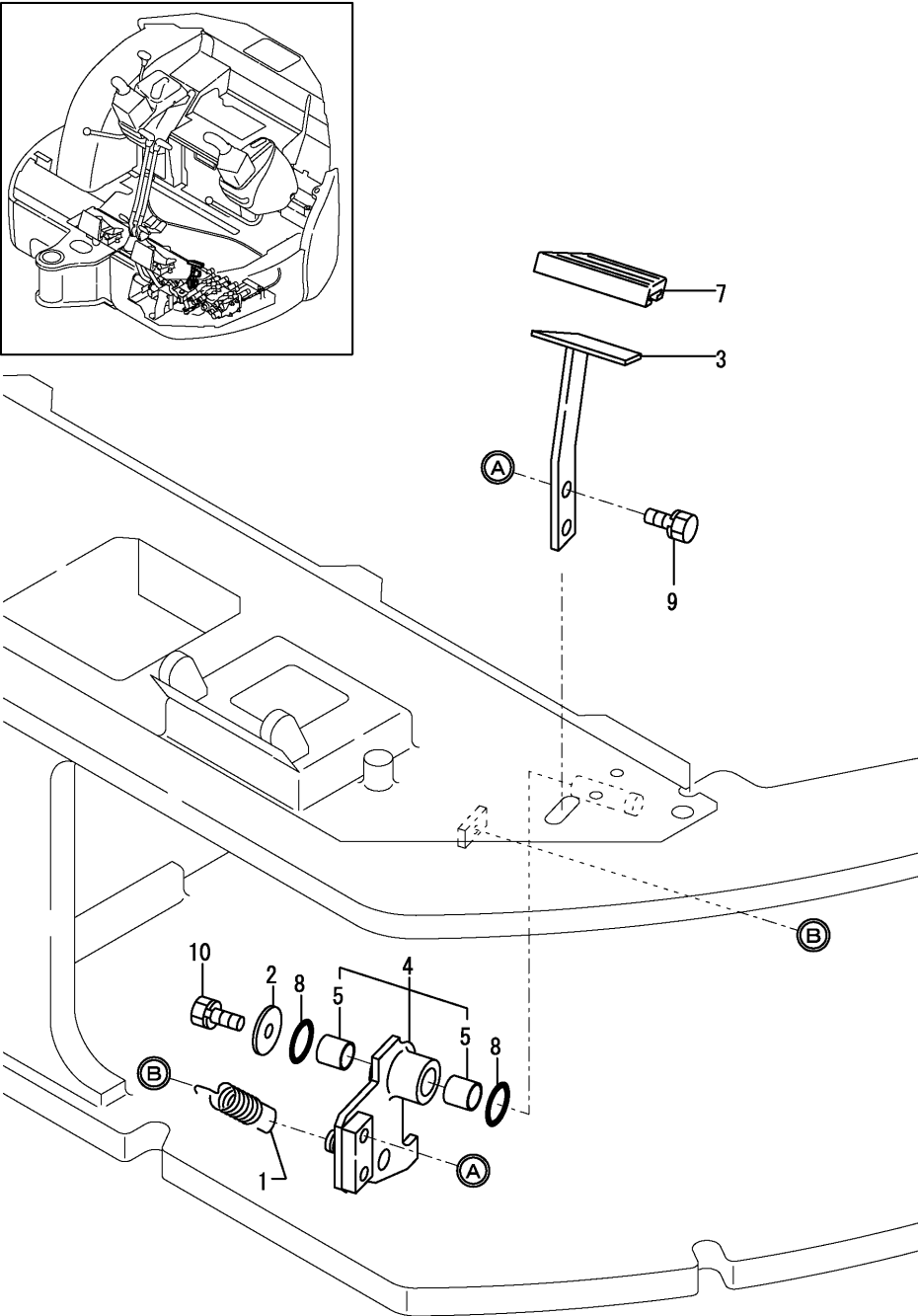
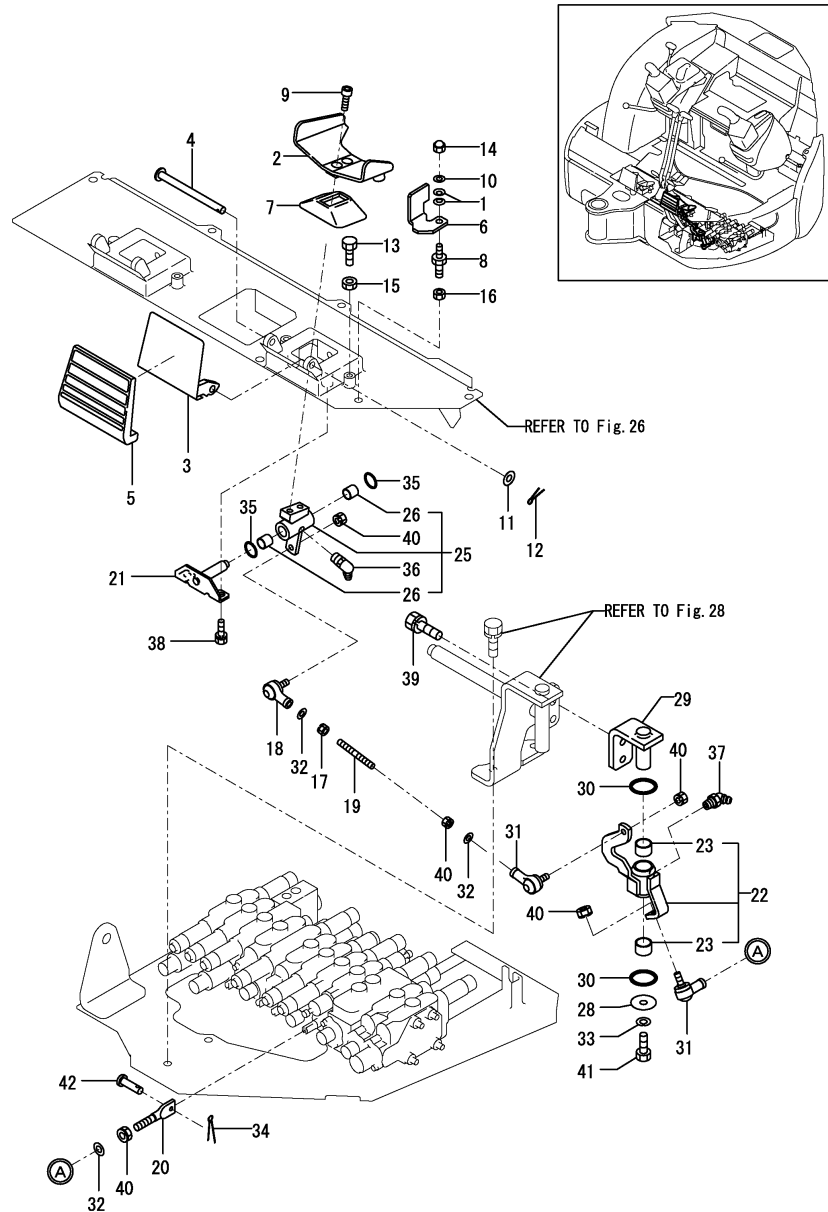


Fig.32. P.T.O. PEDAL

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING	2	2	2	2	2	2		
2	1	172472-45500	PEDAL, PTO	1	1	1	1	1	1		
3	1	172458-45540	COVER, PEDAL	1	1	1	1	1	1		1
4	1	172187-45651	SHAFT	1	1	1	1	1	1		
5	1	172187-45760	PAD	1	1	1	1	1	1		
6	1	172448-45800	PLATE, LOCK	1	1	1	1	1	1		2
7	1	172157-45990	BOOT, PEDAL	1	1	1	1	1	1		
8	1	172462-46230	BOLT	1	1	1	1	1	1		
9	1	172165-46340	BOLT	2	2	2	2	2	2		
10	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
11	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
12	1	22417-250200	PIN, COTTER 2.5X20	1	1	1	1	1	1		
13	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2	2	2	2		
14	1	26347-080002	NUT, M8	1	1	1	1	1	1		
15	1	26716-080002	NUT, M8	2	2	2	2	2	2		
16	1	26757-100002	NUT, LOCK M10	1	1	1	1	1	1		
17	1	194200-37780	NUT, M8	1	1	1	1	1	1		
18	1	172734-41300	JOINT, BALL	1	1	1	1	1	1		
19	1	172732-42450	ROD	1	1	1	1	1	1		
20	1	172823-45000	ROD, SPOOL	1	1	1	1	1	1		
21	1	172458-45230	SHAFT, PEDAL	1	1	1	1	1	1		
22	1	172472-45300	LINK, PTO	1	1	1	1	1	1		
23	2	172141-41370	BUSH	2	2	2	2	2	2		
25	1	172472-45330	LINK ASSY, PTO	1	1	1	1	1	1		
26	2	172141-41370	BUSH	2	2	2	2	2	2		
28	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1	1	1	1		
29	1	172458-46150	BRACKET, PTO	1	1	1	1	1	1		
30	1	172124-46200	O-RING	2	2	2	2	2	2		
31	1	172122-46590	ELBOW	2	2	2	2	2	2		
32	1	22117-080000	WASHER, 8	3	3	3	3	3	3		
33	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
34	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
35	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
36	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
37	1	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
38	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
39	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
40	1	26051-080002	NUT, M8	5	5	5	5	5	5		
41	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1	1	1		
42	1	933110-54100	PIN	1	1	1	1	1	1		
43A	1	172496-03250	LABEL, PTO		1		1		1		3
44A	1	172458-03240	LABEL, LOCK	1	1	1	1	1	1		3

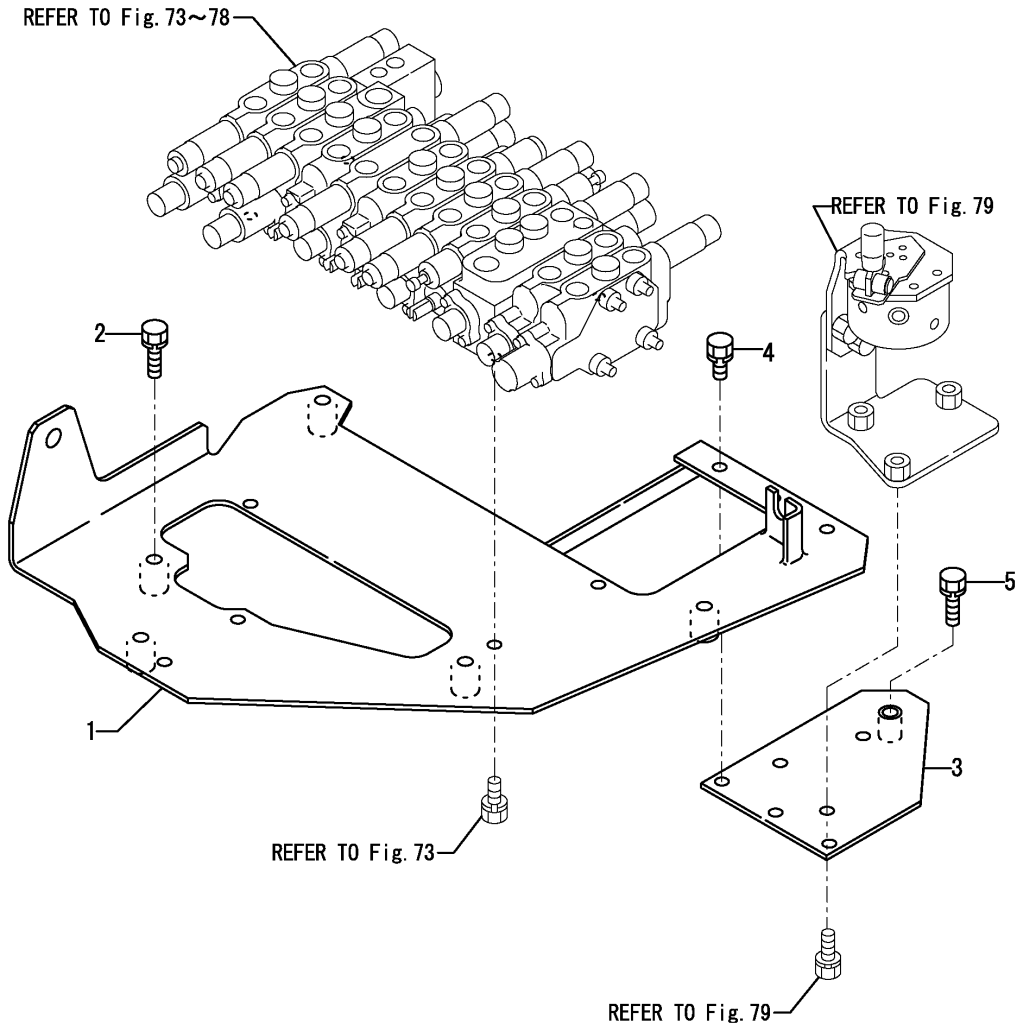
Remarks

- (1) Attach the No.43A label to this part.
- (2) Attach the No.44A label to this part.
- (3) Label is not illustrated.

Fig.33. CONTROL VALVE PLATE

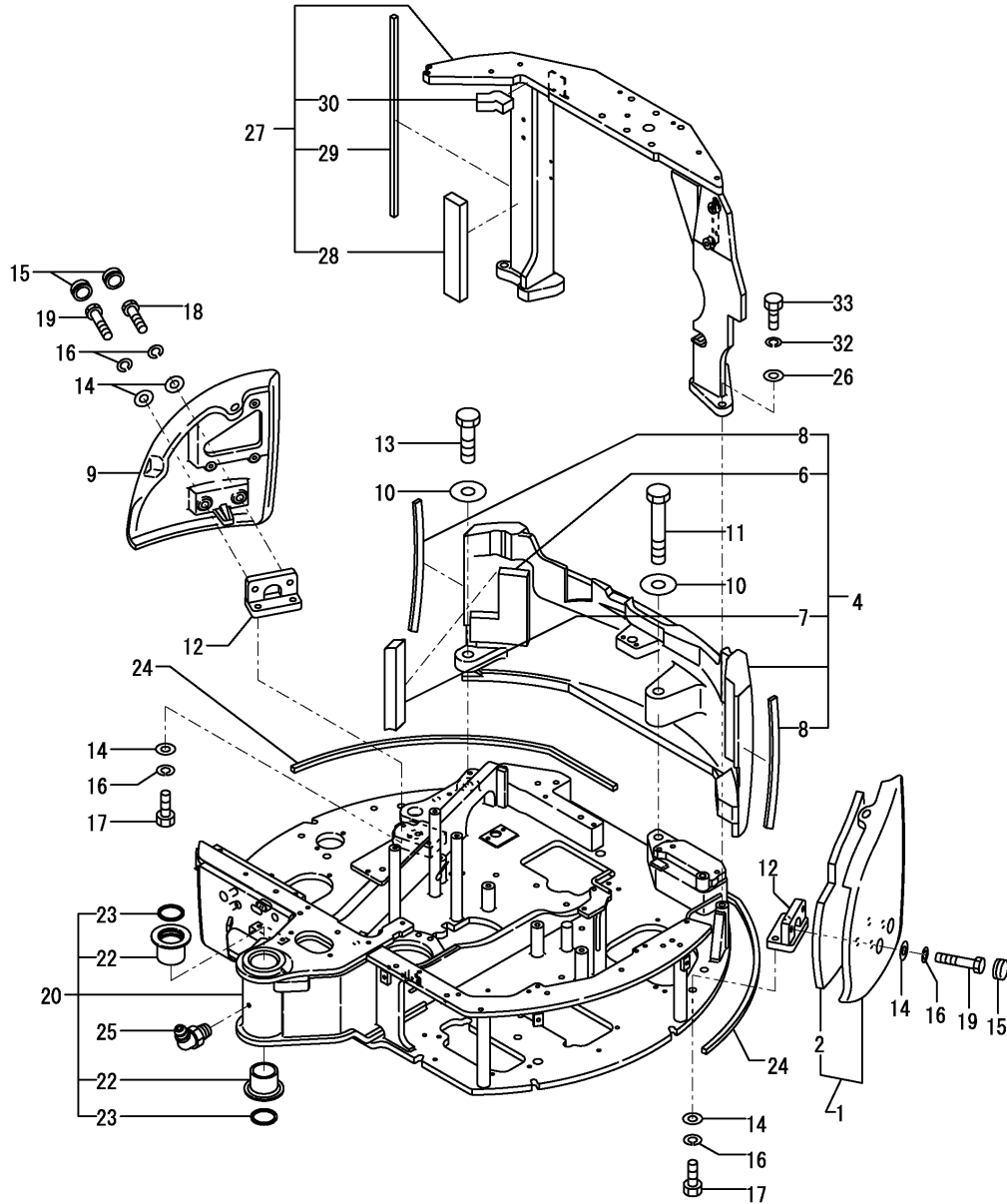
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



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

Fig.34. TURNING FRAME



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-53280-1	WEIGHT	1	1	1	1	1	1		
1-1	1	172458-53282-1	WEIGHT ASSY	1	1	1	1	1	1		R
		(A=M/#30501) (B=M/#30501) (C=M/#30501) (D=M/#30501)		(E=M/#30501)	(F=M/#30501)						
2	2	172458-53290	SPONGE	1	1	1	1	1	1		
2-1	2	172458-53292	SPONGE	1	1	1	1	1	1		R
		(A=M/#30501) (B=M/#30501) (C=M/#30501) (D=M/#30501)		(E=M/#30501)	(F=M/#30501)						
4	1	172457-53292-1	WEIGHT, COUNTER	1	1	1	1	1	1		
6	2	172457-53331	SEAL, WEIGHT	1	1	1	1	1	1		
7	2	172487-53330	SEAL	1	1	1	1	1	1		
8	2	172458-53370	SEAL, COUNTER	2	2	2	2	2	2		
9	1	172457-53310-1	WEIGHT	1	1	1	1	1	1		
10	1	172187-53320	WASHER	2	2	2	2	2	2		
10-1	1	172187-53321	WASHER	2	2	2	2	2	2		N
		(A=M/#35252) (B=M/#35252) (C=M/#35252) (D=M/#35252)		(E=M/#35252)	(F=M/#35252)						
11	1	172455-53330	BOLT	1	1	1	1	1	1		
11-1	1	172455-53331	BOLT	1	1	1	1	1	1		N
		(A=M/#35252) (B=M/#35252) (C=M/#35252) (D=M/#35252)		(E=M/#35252)	(F=M/#35252)						
12	1	172458-53330	BRACKET ASSY	2	2	2	2	2	2		
13	1	172458-53360	BOLT	1	1	1	1	1	1		
14	1	172165-53500	WASHER	8	8	8	8	8	8		
15	1	172456-53700	GROMMET	4	4	4	4	4	4		
16	1	22217-160000	WASHER, SPRING 16	8	8	8	8	8	8		
17	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4	4	4	4		
18	1	26116-160652	BOLT, M16X 65 PLATED	1	1	1	1	1	1		
19	1	26116-160752	BOLT, M16X 75 PLATED	3	3	3	3	3	3		
20	1	172A24-54090-1	FRAME ASSY, TURNING	1	1	1	1	1	1		1
22	2	172168-54750	BUSH 60X70	2	2	2	2	2	2		
23	2	172168-54760	SEAL, DUST	2	2	2	2	2	2		
24	1	172458-54750	SEAL	2	2	2	2	2	2		
25	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
26	1	172165-53500	WASHER	4	4	4	4	4	4		
27	1	172458-67203	MOUNT, CANOPY	1	1	1	1	1	1		2
28	2	172480-54130	SEAL, FRAME	1	1	1	1	1	1		
29	2	172458-66220	SPONGE	1	1	1	1	1	1		
30	2	172458-66240	SPONGE	1	1	1	1	1	1		
32	1	22217-160000	WASHER, SPRING 16	4	4	4	4	4	4		
33	1	26116-160652	BOLT, M16X 65 PLATED	4	4	4	4	4	4		
38A	1	172157-03740	LABEL	1	1	1	1	1	1		3
38A-1	1	172157-03741	LABEL, GREASE US	1	1	1	1	1	1		N 3
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778)		(E=M/#30778)	(F=M/#30778)						
39A	1	124764-44920	LABEL, ANTI-FREEZING	1	1	1	1	1	1		3
39A-1	1	172A38-03210	LABEL, ANTI-FREEZING	1	1	1	1	1	1		3
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778)		(E=M/#30778)	(F=M/#30778)						
39A-2	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1	1	1		N 3
		(A=M/#31282) (B=M/#31282) (C=M/#31282) (D=M/#31282)		(E=M/#31282)	(F=M/#31282)						

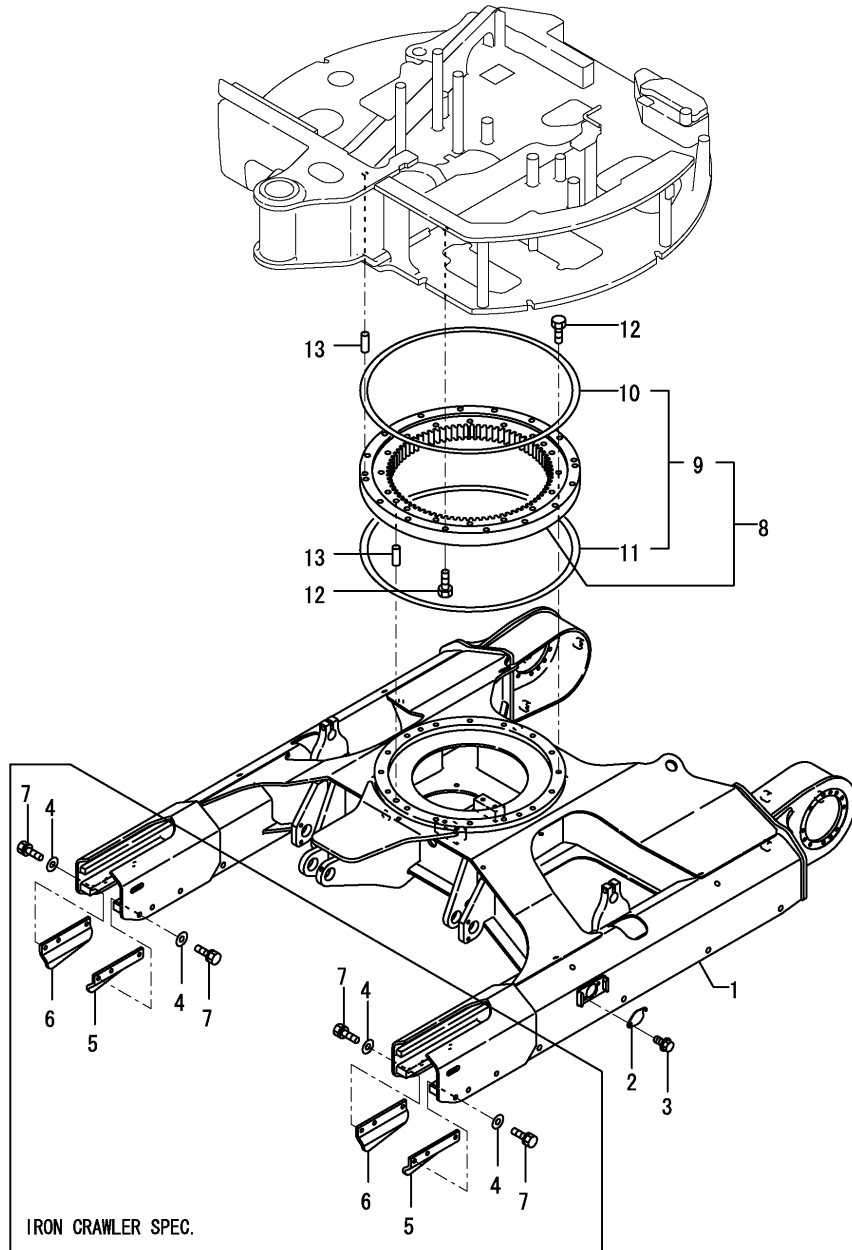
Remarks

- (1) Attach the No.38A label to this part.
- (2) Attach the No.39A label to this part.
- (3) Label is not illustrated.

Fig.35. TRAVEL FRAME & TURNING BEARING

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



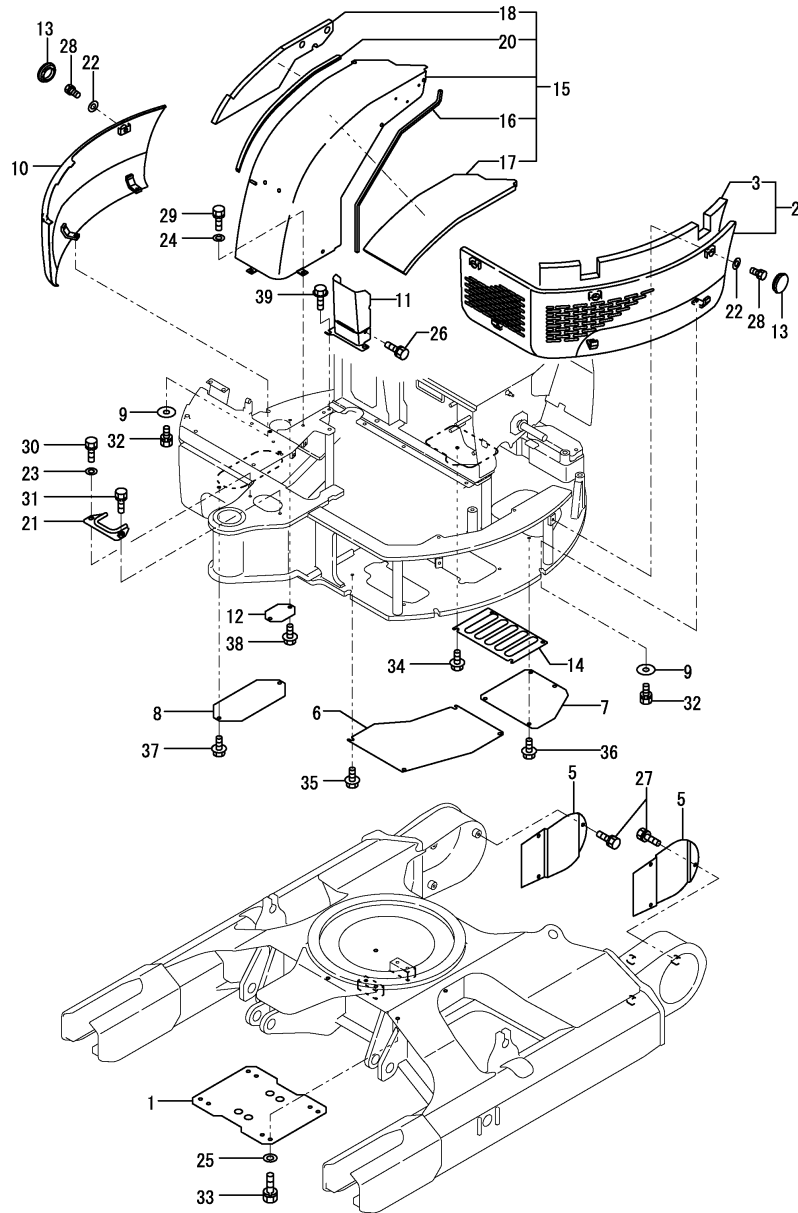
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-50102-1	FRAME ASSY, LOWER	1	1	1	1	1	1		
2	1	172458-50480-1	COVER, FRAME	2	2	2	2	2	2		
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4	4	4	4		
4	1	172730-05250	WASHER	12	12	12	12	12	12	1	
5	1	172458-50800-1	PLATE, GUARD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

Remarks
 (1)Iron crawler specification.

Fig.36. COVER(FRAME)

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-50762-2	COVER	1	1	1	1	1	1		
1-2	1	172141-50763-4	COVER	1	1	1	1	1	1		N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX) (D=MXXXXX) (E=MXXXXX) (F=MXXXXX)									
2	1	172457-61082-1	COVER, FRAME	1	1	1	1	1	1		1
3	2	172457-61092	SPONGE	1	1	1	1	1	1		
5	1	172457-61100-1	COVER, TRAVEL	2	2	2	2	2	2		
6	1	172458-61110-1	COVER, VALVE	1	1	1	1	1	1		
7	1	172457-61140	COVER, PUMP	1	1	1	1	1	1		
8	1	172458-61150-2	COVER, FUEL	1	1	1	1	1	1		
9	1	172458-61261	WASHER	5	5	5	5	5	5		
10	1	172458-61271-2	COVER, FRAME	1	1	1	1	1	1		1
11	1	172A36-61410	PLATE ASSY	1	1	1	1	1	1		
12	1	172168-61560	PLATE	1	1	1	1	1	1		
13	1	172463-61600	PLUG	5	5	5	5	5	5		
14	1	172A25-61670-1	COVER, ENGINE OIL	1	1	1	1	1	1		
15	1	172458-61691	COVER ASSY	1	1	1	1	1	1		2
16	2	172458-61650	SEAL	1	1	1	1	1	1		
17	2	172458-61671	SPONGE	1	1	1	1	1	1		
18	2	172458-61681	SPONGE	1	1	1	1	1	1		
20	2	172445-68850	RUBBER, SEAL	1	1	1	1	1	1		
21	1	172458-61871-1	COVER, HOSE	1	1	1	1	1	1		
22	1	22137-100000	WASHER, 10	5	5	5	5	5	5		
23	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
24	1	22137-100000	WASHER, 10	4	4	4	4	4	4		
25	1	22137-120000	WASHER, 12	4	4	4	4	4	4		
26	1	26013-100162	BOLT, M10X 16	1	1	1	1	1	1		
27	1	26013-100202	BOLT, M10X 20	6	6	6	6	6	6		
28	1	26013-100202	BOLT, M10X 20	5	5	5	5	5	5		
29	1	26013-100202	BOLT, M10X 20	4	4	4	4	4	4		
30	1	26013-100202	BOLT, M10X 20	1	1	1	1	1	1		
31	1	26013-100302	BOLT, M10X 30	1	1	1	1	1	1		
32	1	26013-100352	BOLT, M10X 35	5	5	5	5	5	5		
33	1	26013-120252	BOLT, M12X 25	4	4	4	4	4	4		
34	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4	4	4		
35	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4	4	4		
36	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4	4	4		
37	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2		
38	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2		
39	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2	2	2	2		
40A	1	172437-03351	LABEL, GREASE CYL.	1	1	1	1	1	1		3
40A-1	1	172437-03352	LABEL, CYLINDER	1	1	1	1	1	1		N 3
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
41A	1	172472-03240	LABEL, PIN US		1		1		1		3
41A-1	1	172472-03241	LABEL, PIN US		1		1		1		N 3
		(B=M/#30778) (D=M/#30778) (F=M/#30778)									
41B	1	172472-03250	LABEL, OPERATION		1		1		1		3

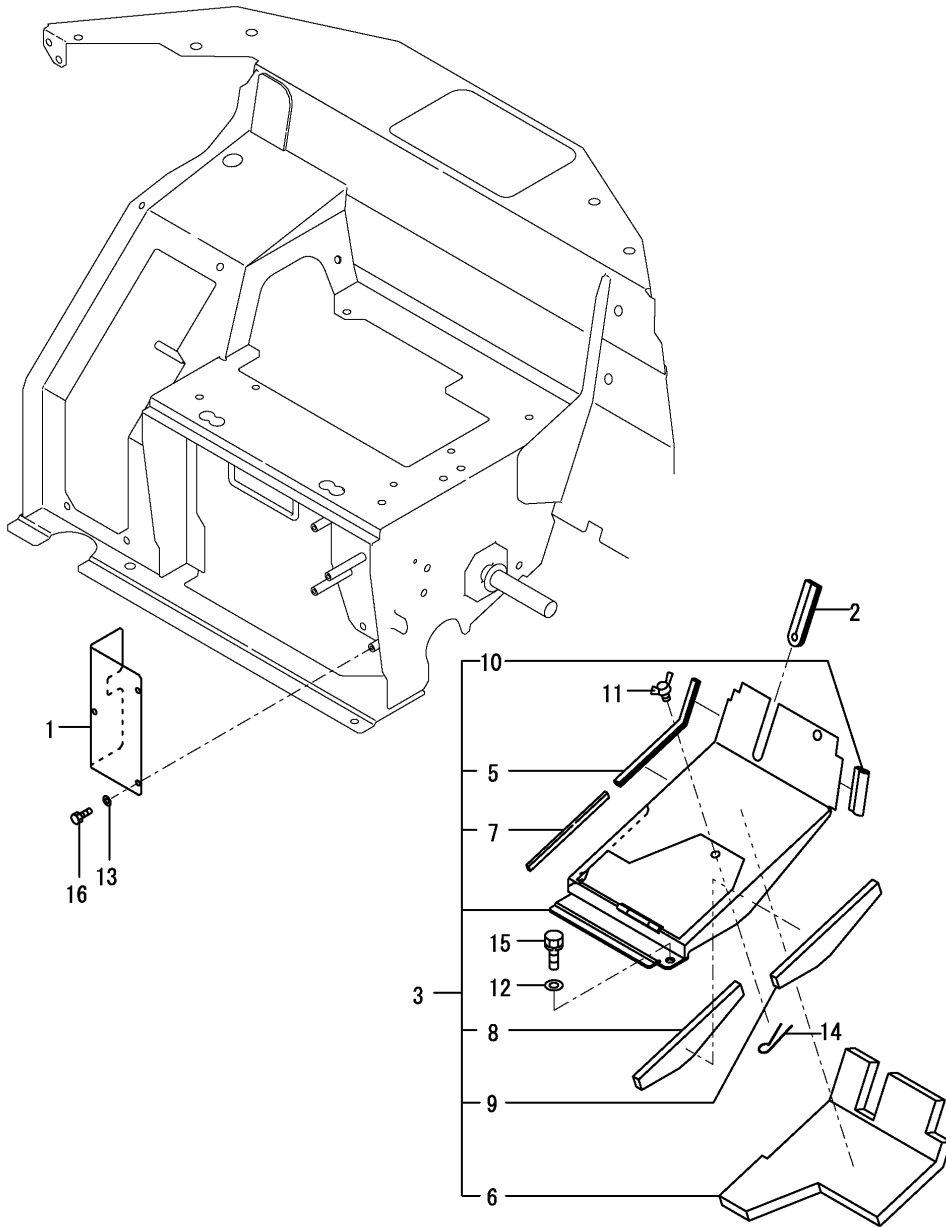
Remarks

- (1) Attach the No.40A label to this part.
- (2) Attach the No.41A & 41B label to this part.
- (3) Label is not illustrated.

Fig.37. COVER(AROUND THE CONTROL)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

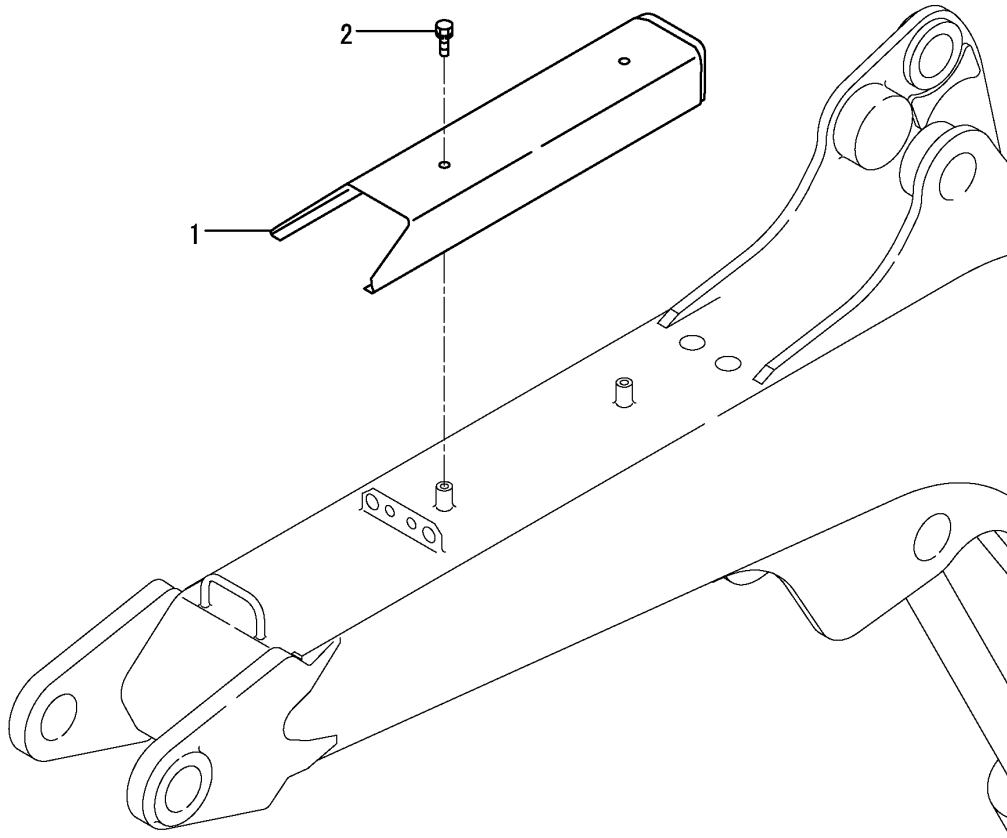


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-61200	COVER, ELECTRIC	1	1	1	1	1	1		
2	1	172458-61300	GROMMET	1	1	1	1	1	1		
3	1	172460-61322	COVER, MULTI	1	1	1	1	1	1		1
3-1	1	172460-61323	COVER, MULTI	1	1	1	1	1	1		N
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997)		(E=M/#30997)	(F=M/#30997)						
5	2	172146-61370	RUBBER, SEAL	1	1	1	1	1	1		
6	2	172458-61521	SPONGE	1	1	1	1	1	1		
6-1	2	172458-61522	SPONGE	1	1	1	1	1	1		N
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997)		(E=M/#30997)	(F=M/#30997)						
7	2	172458-61540	SEAL, MULTI COVER	1	1	1	1	1	1		
8	2	172458-61580	SEAL	1	1	1	1	1	1		
9	2	172458-61590	SEAL	1	1	1	1	1	1		
10	2	172168-65800	RUBBER, SEAL	1	1	1	1	1	1		
11	1	172142-62300	BOLT, WING	1	1	1	1	1	1		
12	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
13	1	22217-060000	WASHER, SPRING 6	3	3	3	3	3	3		
14	1	22417-320200	PIN, COTTER 3.2X20	1	1	1	1	1	1		
15	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
16	1	26116-060122	BOLT, M6X 12 PLATED	3	3	3	3	3	3		
17A	1	172437-03241	LABEL,CRAWLER	1	1	1	1	1	1		2
17A-1	1	172437-03242	LABEL, CRAWLER	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778)		(E=M/#30778)	(F=M/#30778)						

Remarks

- (1)Attach the No.17A label to this part.
- (2)Label is not illustrated.

Fig.38. COVER(BOOM)



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

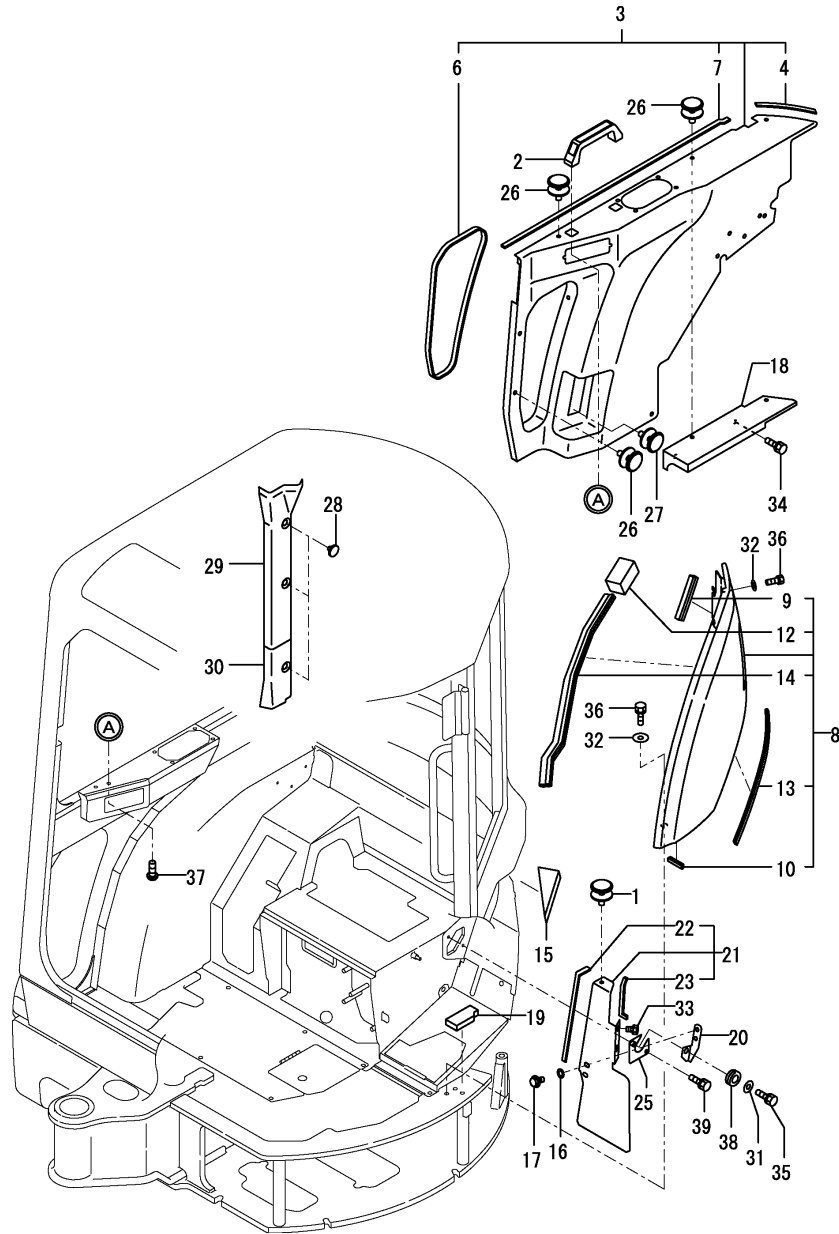
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61963-1	COVER, BOOM	1	1	1	1	1	1		
2	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		

Fig.39. COVER(CABIN)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	1		1		1			
2	1	172164-45980	GRIP, BONNET			1		1			
3	1	172458-61791	COVER ASSY, DUCT			1		1			
4	2	172146-61370	RUBBER, SEAL					1		1	
6	2	172458-61820	TRIM			1		1			
7	2	172444-68810	RUBBER, SEAL			1		1			
8	1	172457-61900-1	BONNET, CABIN	1		1		1			1
9	2	172458-61500	RUBBER, SEAL	1		1		1			
10	2	172458-61510	RUBBER, SEAL	1		1		1			
12	2	172458-63900	STOPPER	1		1		1			
13	2	172458-63910	SEAL, SPONGE	1		1		1			
14	2	172989-68630	RUBBER, SEAL	1		1		1			
15	1	172460-61960	SEAL			1		1			
16	1	172458-62430	WASHER	2		2		2			
17	1	172519-63240	BOLT	2		2		2			
18	1	172458-63300	PLATE			1		1			
19	1	172458-63350	SPONGE			1		1			
20	1	172458-63520-1	PLATE, HOSE	1		1		1			
21	1	172458-63540	COVER ASSY, HOSE	1		1		1			
22	2	172823-61520	TRIM	1		1		1			
23	2	172162-61870	TRIM	1		1		1			
25	1	172458-63570	COVER, SEAT MOUNT	1		1		1			
26	1	1A6260-64200	CLIP			9		9			
27	1	1A6260-64200	CLIP			3		3			
28	1	172458-64600	CLIP, TREE			3		3			
29	1	172458-68990	COVER, PILLAR			1		1			
30	1	172458-69000	COVER, PILLAR			1		1			
31	1	22137-080000	WASHER, 8	1		1		1			
32	1	22151-100000	WASHER 10	4		4		4			
33	1	26013-080162	BOLT, M8X 16	2		2		2			
34	1	26013-080162	BOLT, M8X 16			2		2			
35	1	26013-080252	BOLT, M8X 25	1		1		1			
36	1	26013-100252	BOLT, M10X 25	4		4		4			
37	1	26557-080202	SCREW, M8X20			2		2			
38	1	933160-09220	GROMMET	1		1		1			
39	1	26013-080162	BOLT, M8X 16	1		1		1			
40A	1	172472-03121	LABEL, MODEL	1		1		1			2

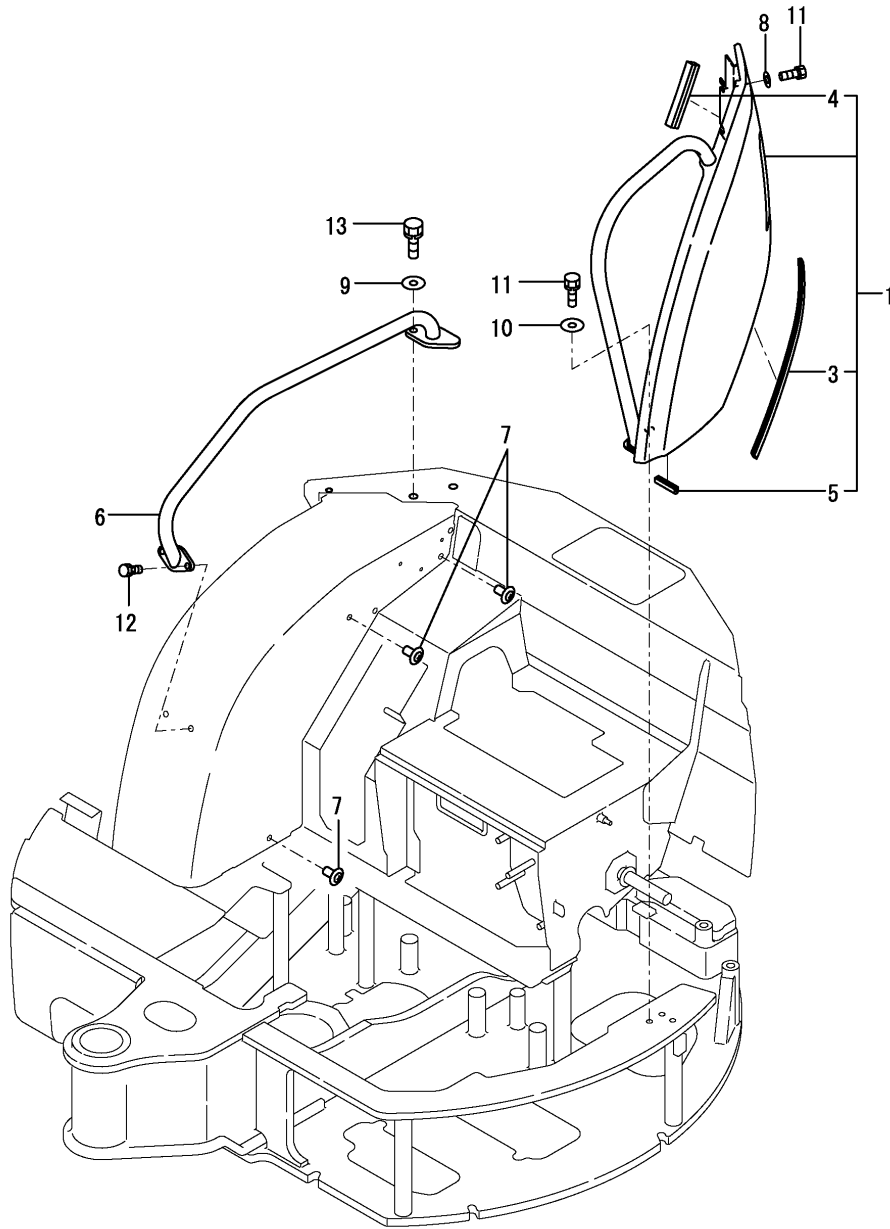
Remarks

- (1) Attach the No.40A label to this part.
- (2) Label is not illustrated.

Fig.40. COVER(CANOPY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-61400-1	BONNET, CANOPY	1	1	1	1	1	1	1	
3	2	172458-61490	RUBBER, SEAL 510	1	1	1	1	1	1		
4	2	172458-61500	RUBBER, SEAL	1	1	1	1	1	1		
5	2	172458-61510	RUBBER, SEAL	1	1	1	1	1	1		
6	1	172458-61750	HANDRAIL	1	1	1	1	1	1		
7	1	1A6260-64200	CLIP	3	3	3	3	3	3		
8	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
9	1	22137-120000	WASHER, 12	1	1	1	1	1	1		
10	1	22157-100000	WASHER, 10	1	1	1	1	1	1		
11	1	26013-100252	BOLT, M10X 25	3	3	3	3	3	3		
12	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
13	1	26013-120302	BOLT, M12X 30	1	1	1	1	1	1		
14A	1	172472-03121	LABEL, MODEL	1	1	1	1	1	1	2	

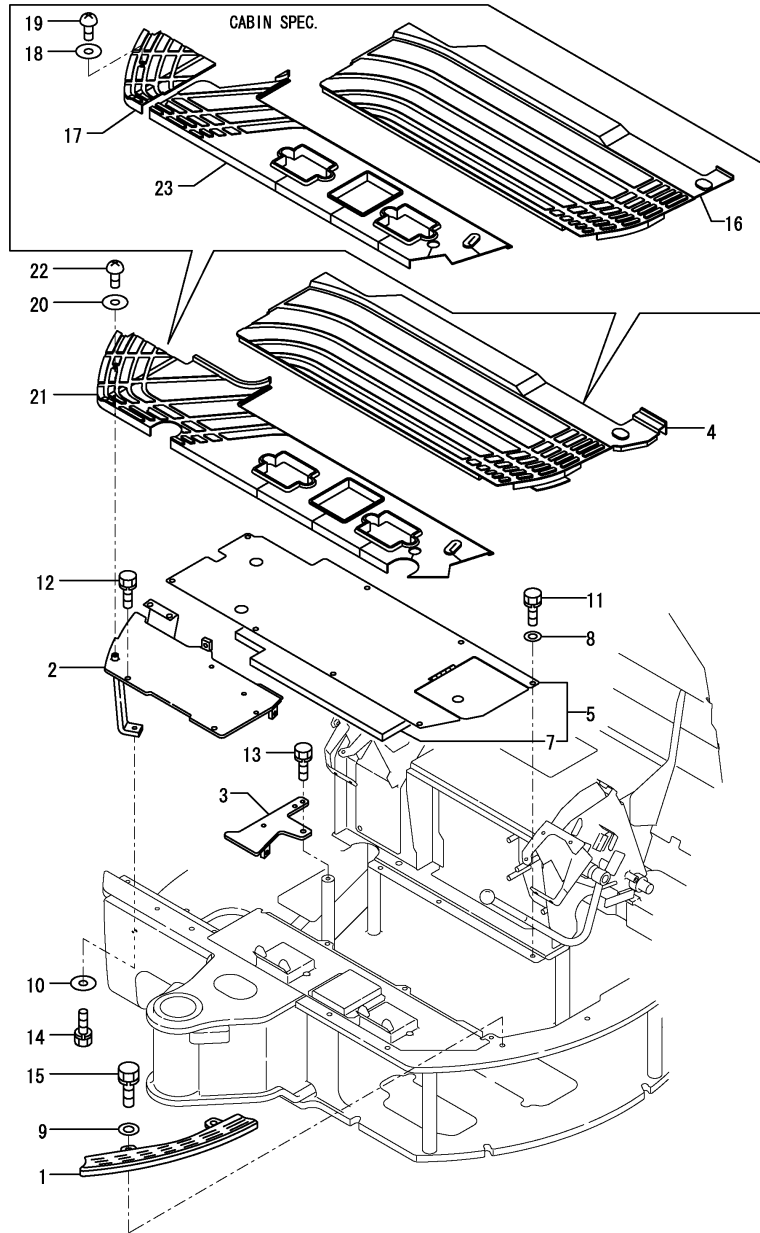
Remarks

- (1) Attach the No.14A label to this part.
- (2) Label is not illustrated.

Fig.41. STEP & FLOOR MAT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



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	1	1	1	1		
3	1	172458-62180-1	PLATE, SUB	1	1	1	1	1	1		
4	1	172458-62200	MAT,FLOOR A		1		1		1		
5	1	172472-62210	STEP ASSY	1	1	1	1	1	1		1
7	2	172472-62310	SEAL, STEP	1	1	1	1	1	1		
8	1	22137-100000	WASHER, 10	8	8	8	8	8	8		
9	1	22137-120000	WASHER, 12		2		2		2		
10	1	22157-100000	WASHER, 10	1	1	1	1	1	1		
11	1	26013-100202	BOLT, M10X 20	8	8	8	8	8	8		
12	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
13	1	26013-100252	BOLT, M10X 25	1	1	1	1	1	1		
14	1	26013-100402	BOLT, M10X 40	1	1	1	1	1	1		
15	1	26013-120302	BOLT, M12X 30		2		2		2		
16	1	172458-62400	MAT, FLOOR	1		1		1			
17	1	172458-62420	MAT, FLOOR	1		1		1			
18	1	172458-62430	WASHER	2		2		2			
19	1	172137-69850	SCREW	2		2		2			
20	1	172458-62430	WASHER		1		1		1		
21	1	172472-62500	FLOOR MAT B (CANOPY		1		1		1		
22	1	172137-69850	SCREW		1		1		1		
23	1	172472-62600	MAT, FLOOR	1		1		1			
24A	1	172438-03300	LABEL, PTO SELECT	1	1	1	1	1	1		2

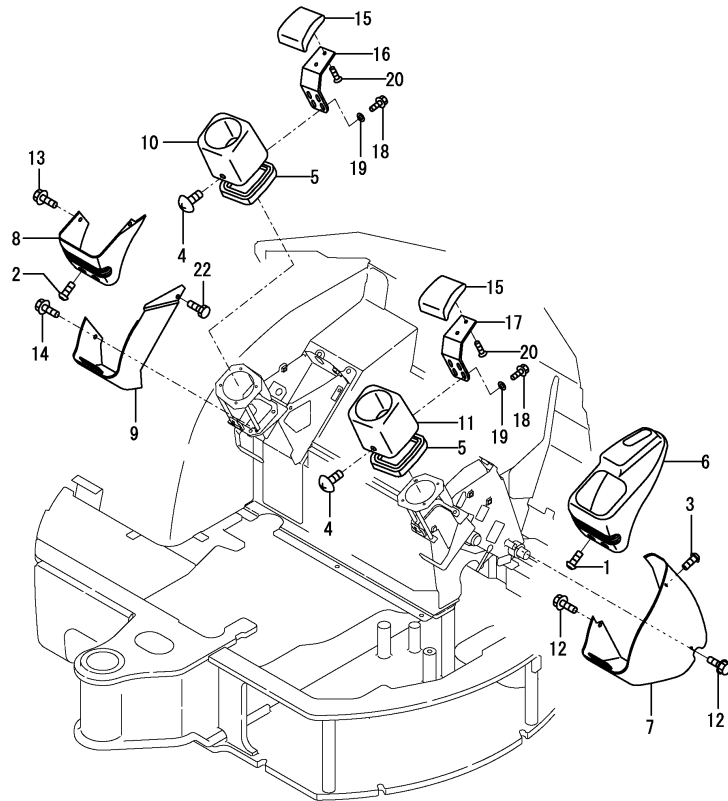
Remarks

- (1) Attach the No.24A label to this part.
- (2) Label is not illustrated.

Fig.42. INSTRUMENT PANEL & ARM REST

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



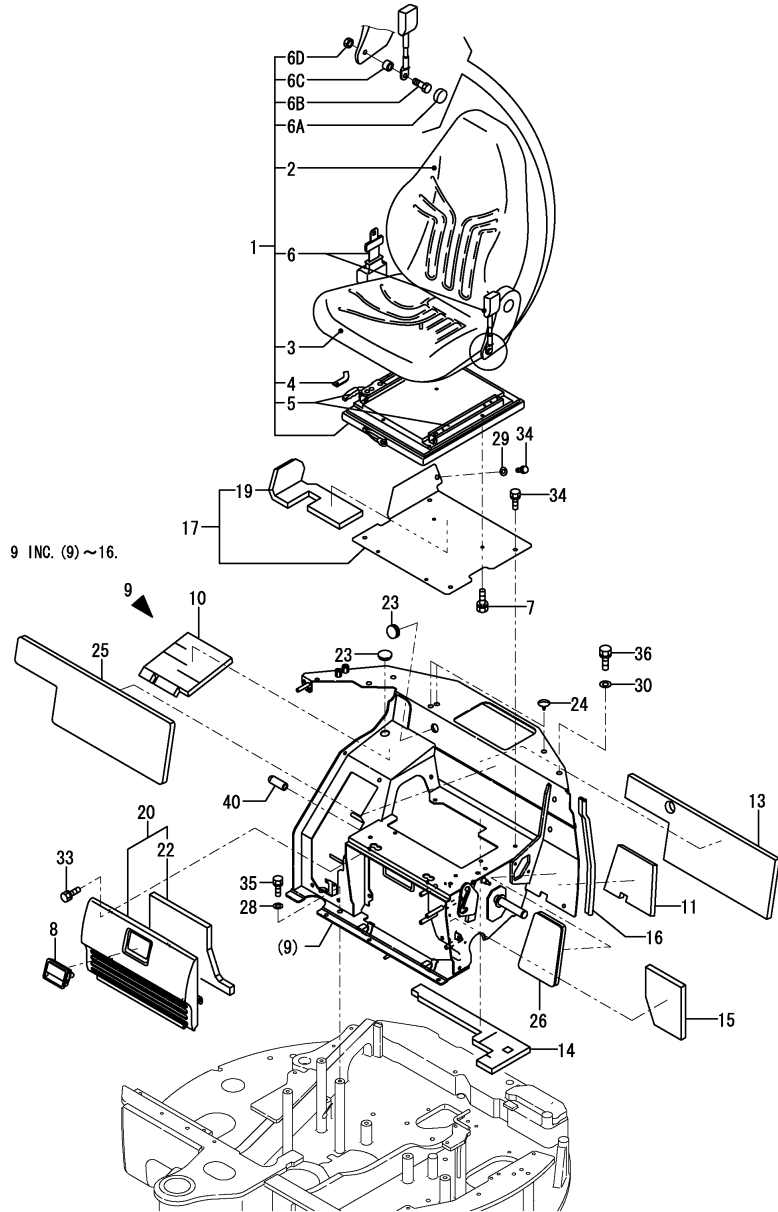
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46720	BOLT	3	3	3	3	3	3		
2	1	172458-46720	BOLT	2	2	2	2	2	2		
3	1	172458-46720	BOLT	1	1	1	1	1	1		
4	1	172458-46720	BOLT	2	2	2	2	2	2		
5	1	172162-62540	SEAL, STEP	2	2	2	2	2	2		
6	1	172458-63100	PANEL, INSTRUMENT	1	1	1	1	1	1		1
7	1	172458-63120	PANEL, INSTRUMENT	1	1	1	1	1	1		
8	1	172458-63130	PANEL, INSTRUMENT	1	1	1	1	1	1		
9	1	172458-63140	PANEL, INSTRUMENT	1	1	1	1	1	1		
10	1	172472-63210	COVER	1	1	1	1	1	1		
11	1	172472-63220	COVER	1	1	1	1	1	1		
12	1	172519-63240	BOLT	2	2	2	2	2	2		
13	1	172519-63240	BOLT	1	1	1	1	1	1		
14	1	172519-63240	BOLT	2	2	2	2	2	2		
14-1	1	172519-63240	BOLT	1	1	1	1	1	1		K
		(A=*2015.06.)	(B=*2015.06.)	(C=*2015.06.)	(D=*2015.06.)	(E=*2015.06.)	(F=*2015.06.)				
15	1	172441-44320	ARMREST	2	2	2	2	2	2		
16	1	172472-64532	PLATE, ARMREST	1	1	1	1	1	1		
17	1	172472-64542	PLATE, ARMREST	1	1	1	1	1	1		
18	1	172165-66980	BOLT	4	4	4	4	4	4		
19	1	22137-080000	WASHER, 8	4	4	4	4	4	4		
20	1	26577-080122	SCREW, M8X12	4	4	4	4	4	4		
21A	1	172458-03220	LABEL, ACCELERATOR	1	1	1	1	1	1		2
22	1	172487-63500	BOLT,LOW HEAD 8X20	1	1	1	1	1	1		W
		(A=*2015.06.)	(B=*2015.06.)	(C=*2015.06.)	(D=*2015.06.)	(E=*2015.06.)	(F=*2015.06.)				

Remarks

- (1)Attach the No.21A label to this part.
- (2)Label is not illustrated.

Fig.43. SEAT & SEAT MOUNT(CABIN)

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172467-64100	SEAT, OPERATOR									
1-1	1	172467-64101	SEAT, OPERATOR (C=M/#30666)			(E=M/#30666)						N
2	2	172467-64110	CUSHION, BACKREST (C=M/#30666)			(E=M/#30666)			1	1		W
3	2	172467-64120	CUSHION, SEAT (C=M/#30666)			(E=M/#30666)			1	1		W
4	2	172467-64130	STOPPER (C=M/#30666)			(E=M/#30666)			1	1		W
5	2	172467-64140	RAIL SET (C=M/#30666)			(E=M/#30666)			1	1		W
6	2	172989-64451	BELT, SEAT						1	1		
6-1	2	172467-64150	BELT, SEAT (C=M/#30666)			(E=M/#30666)			1	1		N
6A	2	172467-64160	COVER, CAP (C=M/#30666)			(E=M/#30666)			2	2		W
6B	2	172467-64170	BOLT (C=M/#30666)			(E=M/#30666)			2	2		W
6C	2	172467-64180	TUBE (C=M/#30666)			(E=M/#30666)			2	2		W
6D	2	172467-64190	NUT (C=M/#30666)			(E=M/#30666)			2	2		W
7	1	26013-080162	BOLT, M8X 16						4	4		
8	1	172187-61421	HANDLE, LOCK						1	1		
9	1	172A37-64200	MOUNT, SEAT						1	1		1
10	2	172458-64161	SPONGE						1	1		
11	2	172458-64170	SPONGE						1	1		
13	2	172A25-64390	SPONGE						1	1		
14	2	172A25-64400	SPONGE						1	1		
15	2	172A25-64410	SPONGE						1	1		
16	2	172164-65730	RUBBER, SEAL						1	1		
16-1	2	172164-66640	RUBBER, SEAL (C=M/#30718)			(E=M/#30718)			1	1		R
17	1	172A39-64260	PLATE, SEAT						1	1		
19	2	172A27-64510	SPONGE						1	1		
20	1	172A25-64440	GRILLE ASSY						1	1		2
22	2	172A25-64480	SPONGE						1	1		
23	1	172458-64590	PLUG						2	2		
24	1	172458-64600	CLIP, TREE						3	3		
25	1	172458-67810	SHEET, INSULATOR						1	1		
26	1	172458-67820	SHEET, INSULATOR						1	1		
28	1	22137-100000	WASHER, 10						3	3		
29	1	22137-100000	WASHER, 10						1	1		
30	1	22137-120000	WASHER, 12						1	1		
30-1	1	22137-120000	WASHER, 12 (C=M/#30901)			(E=M/#30901)			2	2		K
31	1	22217-080000	WASHER, SPRING 8 (C=M/#30901)			(E=M/#30901)			4	4		Z
32	1	22217-080000	WASHER, SPRING 8 (C=M/#30901)			(E=M/#30901)			2	2		Z
33	1	26013-100202	BOLT, M10X 20						4	4		

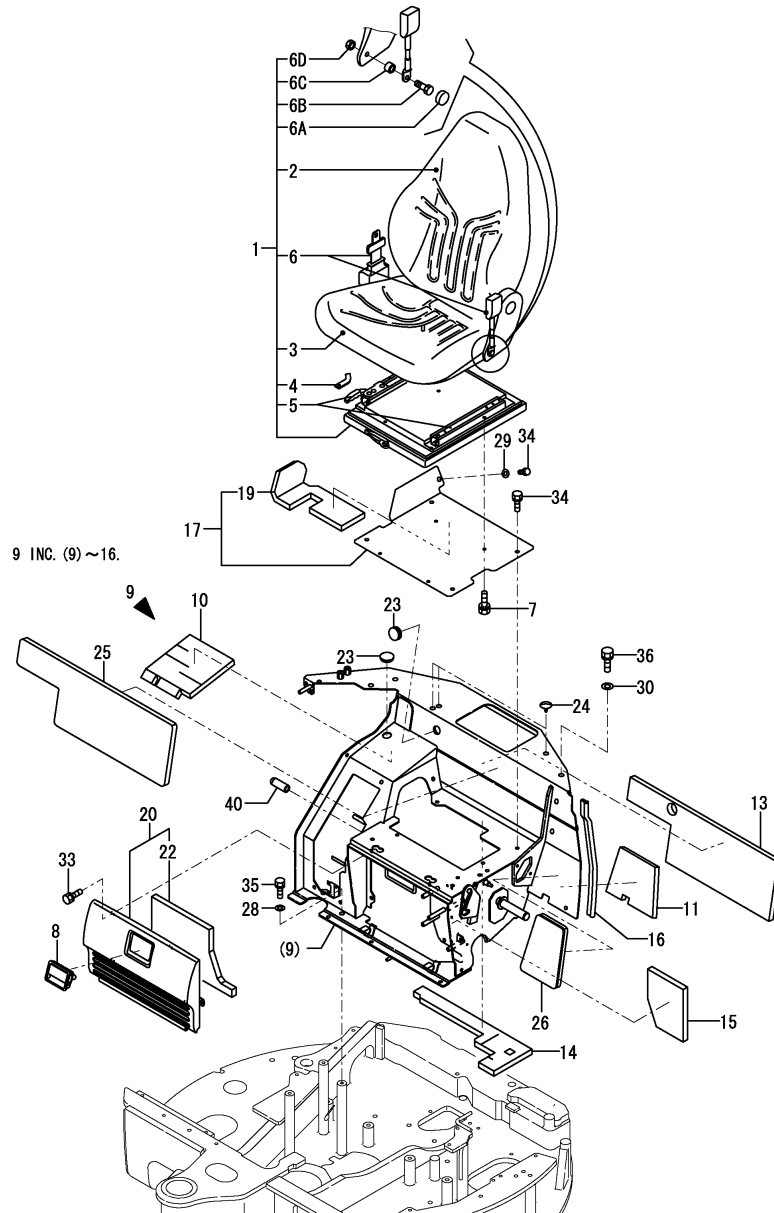
Remarks

- (1) Attach the No.41A, 41B, 41C, 41D & 41E label to this part.
- (2) Attach the No.42A, 42B, 42C & 42D label to this part.
- (3) Label is not illustrated.

Fig.43. SEAT & SEAT MOUNT(CABIN)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
34	1	26013-100202	BOLT, M10X 20			5		5			
35	1	26013-100252	BOLT, M10X 25			3		3			
36	1	26013-120302	BOLT, M12X 30			1		1			
36-1	1	26013-120252	BOLT, M12X 25 (C=M/#30901)			2		2			N
40	1	172187-64800	CAP			1		1			
41A	1	172472-03171	LABEL,FUSE US			1		1			3
41B	1	172437-03530	LABEL,RE-START (C=M/#30778)			1		1			Z 3
41C	1	172437-03300	LABEL,MANUAL			1		1			3
41C-1	1	172437-03301	LABEL, MANUAL US (C=M/#30778)			1		1			N 3
41C-2	1	172437-03302	LABEL, MANUAL (C=M/#31282)			1		1			N 3
41D	1	172437-03470	LABEL,LEVER LOCK			1		1			3
41D-1	1	172437-03471	LABEL, LEVER LOCK (C=M/#30778)			1		1			N 3
41E	1	172A36-03411	LABEL, ENGINE ROOM (C=M/#31031)			1		1			W 3
42A	1	172A37-03110	LABEL,SPECIFICATION			1		1			3
42A-1	1	172A37-03111	LABEL, SPECIFICATION (C=M/#30739)			1		1			N 3
42B	1	172472-03200	LABEL,SUPPORT C US			1		1			3
42B-1	1	172472-03141	LABEL, SUPPORT (C=M/#30778)			1		1			N 3
42C	1	172472-03150	LABEL,OIL&WATER			1		1			3
42D	1	172472-03160	LABEL,GREASE			1		1			3

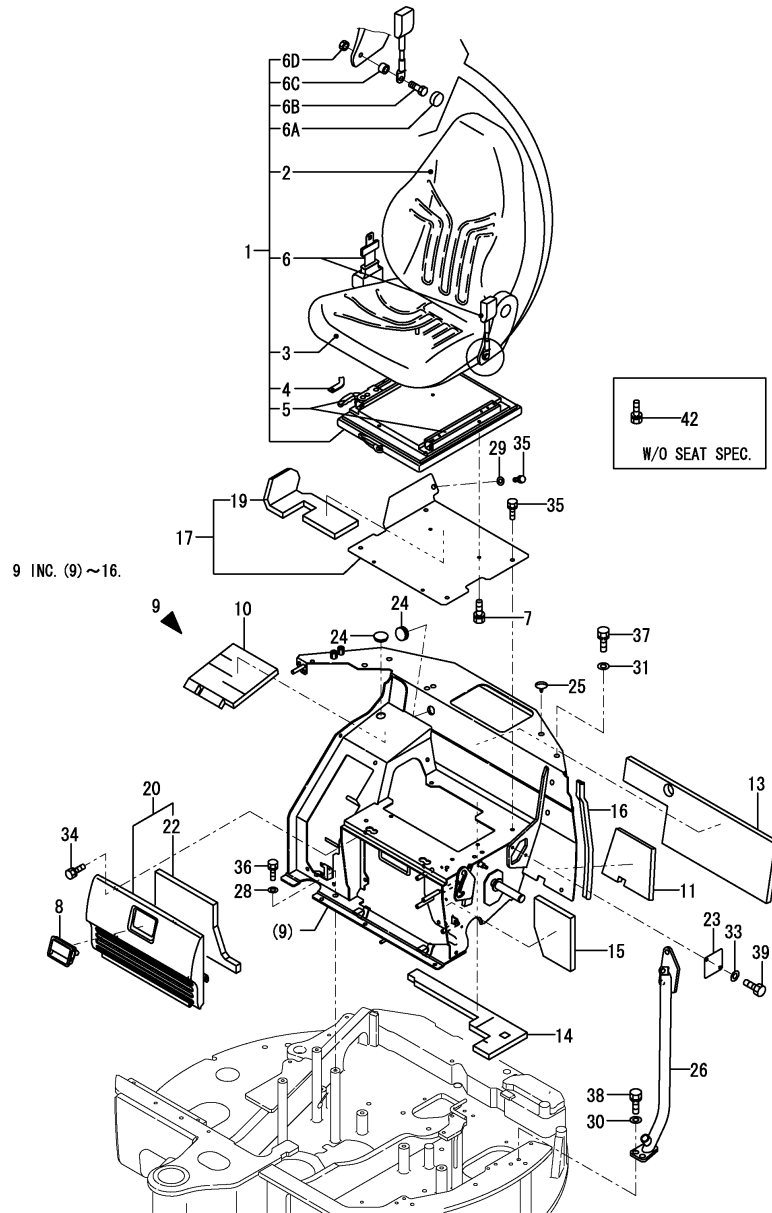
Remarks

- (1)Attach the No.41A, 41B, 41C, 41D & 41E label to this part.
- (2)Attach the No.42A, 42B, 42C & 42D label to this part.
- (3)Label is not illustrated.

Fig.44. SEAT & SEAT MOUNT(CANOPY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172467-64100	SEAT, OPERATOR				1			1	
1-1	1	172467-64101	SEAT, OPERATOR				1			1	N
			(D=M/#30666)							(F=M/#30666)	
2	2	172467-64110	CUSHION, BACKREST				1			1	W
			(D=M/#30666)							(F=M/#30666)	
3	2	172467-64120	CUSHION, SEAT				1			1	W
			(D=M/#30666)							(F=M/#30666)	
4	2	172467-64130	STOPPER				1			1	W
			(D=M/#30666)							(F=M/#30666)	
5	2	172467-64140	RAIL SET				1			1	W
			(D=M/#30666)							(F=M/#30666)	
6	2	172989-64451	BELT, SEAT				1			1	
6-1	2	172467-64150	BELT, SEAT				1			1	N
			(D=M/#30666)							(F=M/#30666)	
6A	2	172467-64160	COVER, CAP				2			2	W
			(D=M/#30666)							(F=M/#30666)	
6B	2	172467-64170	BOLT				2			2	W
			(D=M/#30666)							(F=M/#30666)	
6C	2	172467-64180	TUBE				2			2	W
			(D=M/#30666)							(F=M/#30666)	
6D	2	172467-64190	NUT				2			2	W
			(D=M/#30666)							(F=M/#30666)	
7	1	26013-080162	BOLT, M8X 16				4			4	
8	1	172187-61421	HANDLE, LOCK		1		1			1	
9	1	172A37-64200	MOUNT, SEAT		1		1			1	1
10	2	172458-64161	SPONGE		1		1			1	
11	2	172458-64170	SPONGE		1		1			1	
13	2	172A25-64390	SPONGE		1		1			1	
14	2	172A25-64400	SPONGE		1		1			1	
15	2	172A25-64410	SPONGE		1		1			1	
16	2	172164-65730	RUBBER, SEAL		1		1			1	
16-1	2	172164-66640	RUBBER, SEAL		1		1			1	R
			(B=M/#30718)							(F=M/#30718)	
17	1	172A39-64260	PLATE, SEAT		1		1			1	
19	2	172A27-64510	SPONGE		1		1			1	
20	1	172A25-64440	GRILLE ASSY		1		1			1	2
22	2	172A25-64480	SPONGE		1		1			1	
23	1	172458-64510	COVER, SEAT MOUNT		1		1			1	
24	1	172458-64590	PLUG		2		2			2	
25	1	172458-64600	CLIP, TREE		1		1			1	
26	1	172472-64700	PIPE		1		1			1	
28	1	22137-100000	WASHER, 10		3		3			3	
29	1	22137-100000	WASHER, 10		1		1			1	
30	1	22137-120000	WASHER, 12		4		4			4	
31	1	22137-120000	WASHER, 12		2		2			2	
33	1	22217-080000	WASHER, SPRING 8		2		2			2	
34	1	26013-100202	BOLT, M10X 20		4		4			4	
35	1	26013-100202	BOLT, M10X 20		5		5			5	
36	1	26013-100252	BOLT, M10X 25		3		3			3	
37	1	26013-120252	BOLT, M12X 25		2		2			2	
38	1	26013-120302	BOLT, M12X 30		4		4			4	

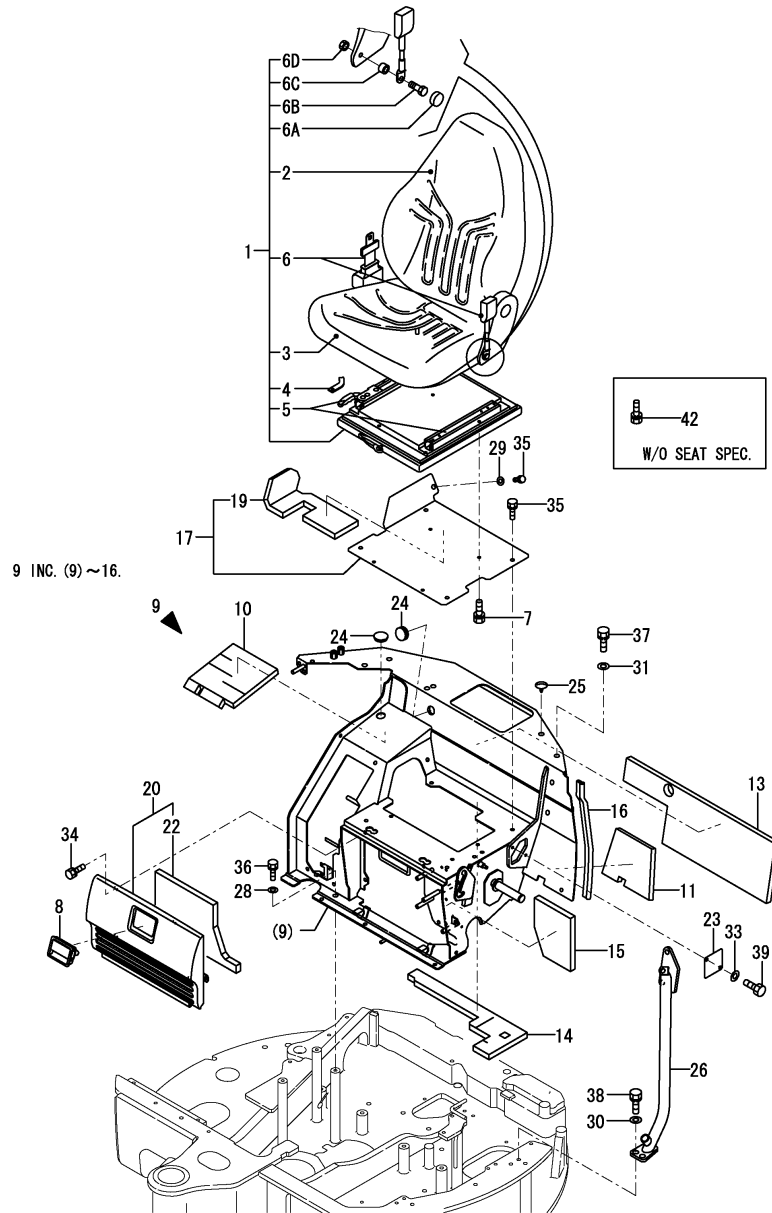
Remarks

- (1) Attach the No.43A, 43B, 43C, 43D & 43E label to this part.
- (2) Attach the No.44A, 44B, 44C & 44D label to this part.
- (3) Label is not illustrated.

Fig.44. SEAT & SEAT MOUNT(CANOPY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
39	1	26116-080162	BOLT, M8X 16 PLATED		2		2		2		
42	1	26013-080162	BOLT, M8X 16		4						
43A	1	172472-03171	LABEL,FUSE US		1		1		1		3
43B	1	172437-03530 (B=M/#30778)	LABEL,RE-START (D=M/#30778)		1		1		1		Z 3
43C	1	172437-03300	LABEL,MANUAL		1		1		1		3
43C-1	1	172437-03301 (B=M/#30778)	LABEL, MANUAL US (D=M/#30778)		1		1		1		N 3
43C-2	1	172437-03302 (B=M/#31282)	LABEL, MANUAL (D=M/#31282)		1		1		1		N 3
43D	1	172437-03470	LABEL,LEVER LOCK		1		1		1		3
43D-1	1	172437-03471 (B=M/#30778)	LABEL, LEVER LOCK (D=M/#30778)		1		1		1		N 3
43E	1	172A36-03411 (B=M/#31031)	LABEL, ENGINE ROOM (D=M/#31031)		1		1		1		W 3
44A	1	172A37-03110	LABEL,SPECIFICATION		1		1		1		3
44A-1	1	172A37-03111 (B=M/#30739)	LABEL, SPECIFICATION (D=M/#30739)		1		1		1		N 3
44B	1	172472-03140	LABEL,SUPPORT US		1		1		1		3
44B-1	1	172472-03141 (B=M/#30778)	LABEL, SUPPORT (D=M/#30778)		1		1		1		N 3
44C	1	172472-03150	LABEL,OIL&WATER		1		1		1		3
44D	1	172472-03160	LABEL,GREASE		1		1		1		3

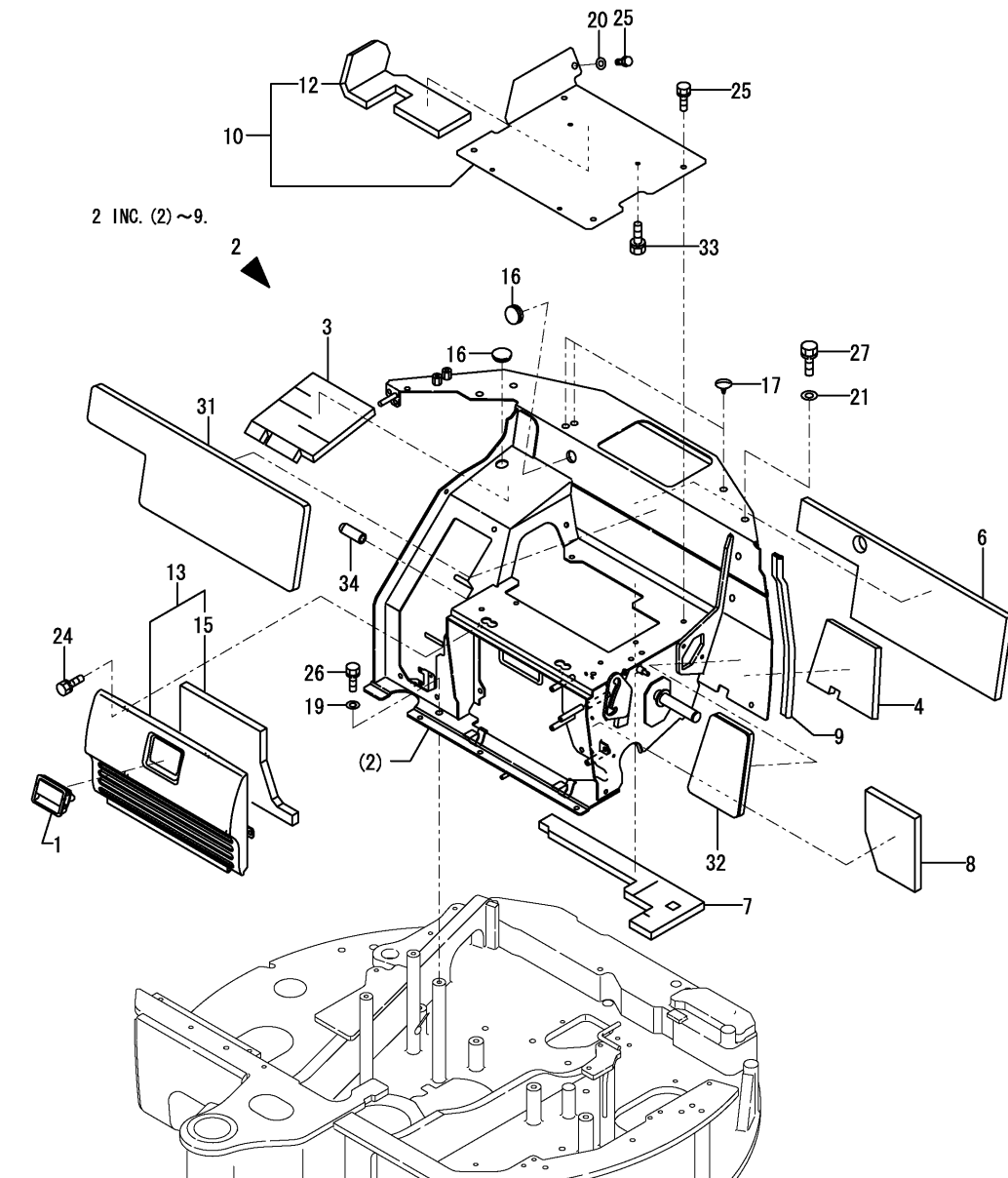
Remarks

- (1)Attach the No.43A, 43B, 43C, 43D & 43E label to this part.
- (2)Attach the No.44A, 44B, 44C & 44D label to this part.
- (3)Label is not illustrated.

Fig.45. SEAT MOUNT(TIM CABIN)

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)



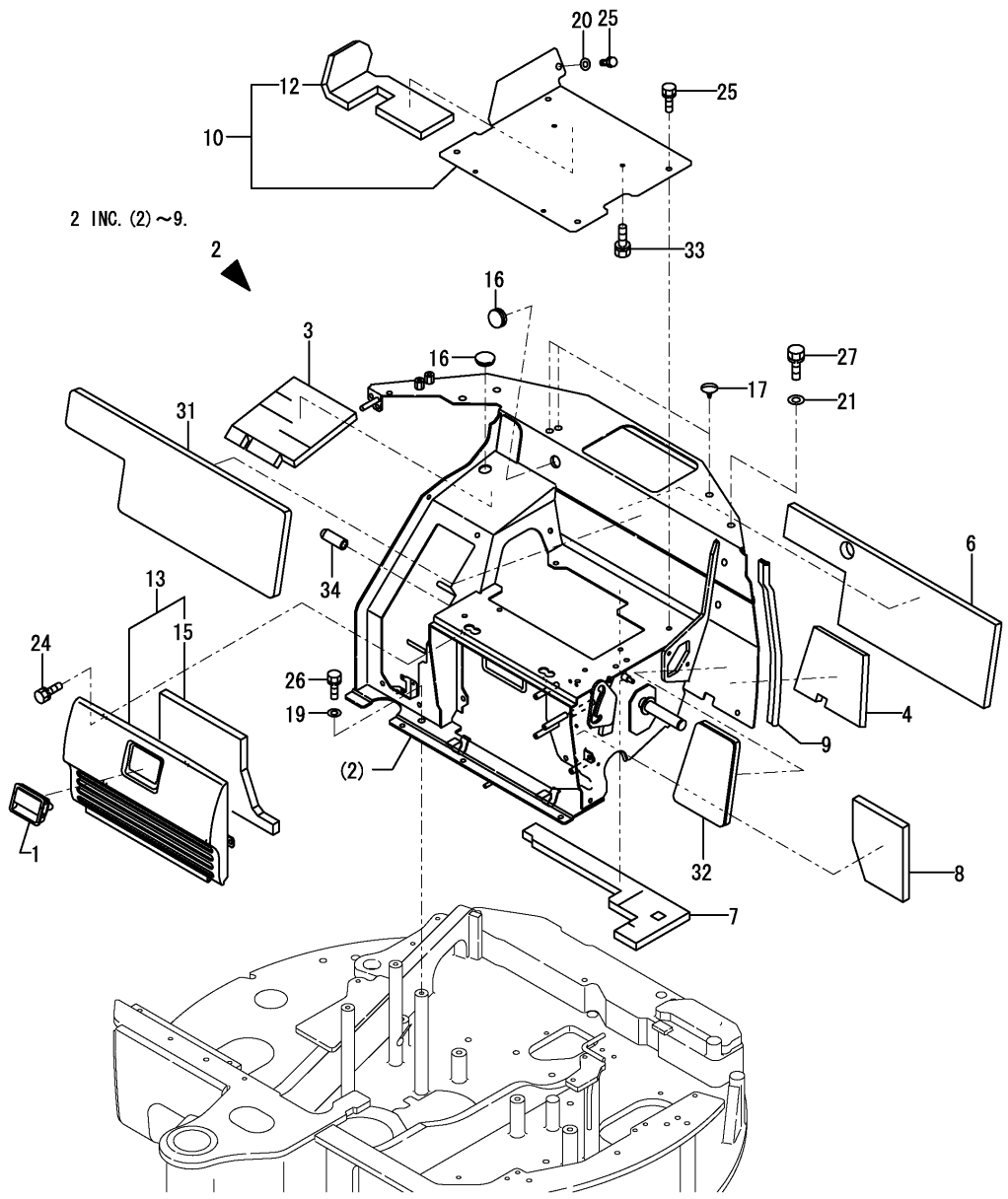
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61421	HANDLE, LOCK	1							
2	1	172A37-64200	MOUNT, SEAT	1							1
3	2	172458-64161	SPONGE	1							
4	2	172458-64170	SPONGE	1							
6	2	172A25-64390	SPONGE	1							
7	2	172A25-64400	SPONGE	1							
8	2	172A25-64410	SPONGE	1							
9	2	172164-65730	RUBBER, SEAL	1							
9-1	2	172164-66640	RUBBER, SEAL	1							R
(A=M/#30718)											
10	1	172A39-64260	PLATE, SEAT	1							
12	2	172A27-64510	SPONGE	1							
13	1	172A25-64440	GRILLE ASSY	1							2
15	2	172A25-64480	SPONGE	1							
16	1	172458-64590	PLUG	2							
17	1	172458-64600	CLIP, TREE	3							
19	1	22137-100000	WASHER, 10	3							
20	1	22137-100000	WASHER, 10	1							
21	1	22137-120000	WASHER, 12	1							
21-1	1	22137-120000	WASHER, 12	2							K
(A=M/#30901)											
24	1	26013-100202	BOLT, M10X 20	4							
25	1	26013-100202	BOLT, M10X 20	5							
26	1	26013-100252	BOLT, M10X 25	3							
27	1	26013-120302	BOLT, M12X 30	1							
27-1	1	26013-120252	BOLT, M12X 25	2							N
(A=M/#30901)											
31	1	172458-67810	SHEET, INSULATOR	1							
32	1	172458-67820	SHEET, INSULATOR	1							
33	1	26013-080162	BOLT, M8X 16	4							
34	1	172187-64800	CAP	1							
35A	1	172472-03171	LABEL,FUSE US	1							3
35B	1	172437-03530	LABEL,RE-START	1							Z 3
(A=M/#30778)											
35C	1	172437-03300	LABEL,MANUAL	1							3
35C-1	1	172437-03301	LABEL, MANUAL US	1							N 3
(A=M/#30778)											
35C-2	1	172437-03302	LABEL, MANUAL	1							N 3
(A=M/#31282)											
35D	1	172437-03470	LABEL,LEVER LOCK	1							3
35D-1	1	172437-03471	LABEL, LEVER LOCK	1							N 3
(A=M/#30778)											
35E	1	172A36-03411	LABEL, ENGINE ROOM	1							W 3
(A=M/#31031)											
36A	1	172A37-03110	LABEL,SPECIFICATION	1							3
36A-1	1	172A37-03111	LABEL, SPECIFICATION	1							N 3
(A=M/#30739)											
36B	1	172472-03200	LABEL,SUPPORT C US	1							3
36B-1	1	172472-03141	LABEL, SUPPORT	1							N 3
(A=M/#30778)											
36C	1	172472-03150	LABEL,OIL&WATER	1							3

Remarks

- (1)Attach the No.35A, 35B, 35C, 35D & 35E label to this part.
- (2)Attach the No.36A, 36B, 36C & 36D label to this part.
- (3)Label is not illustrated.

Fig.45. SEAT MOUNT(TIM CABIN)

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



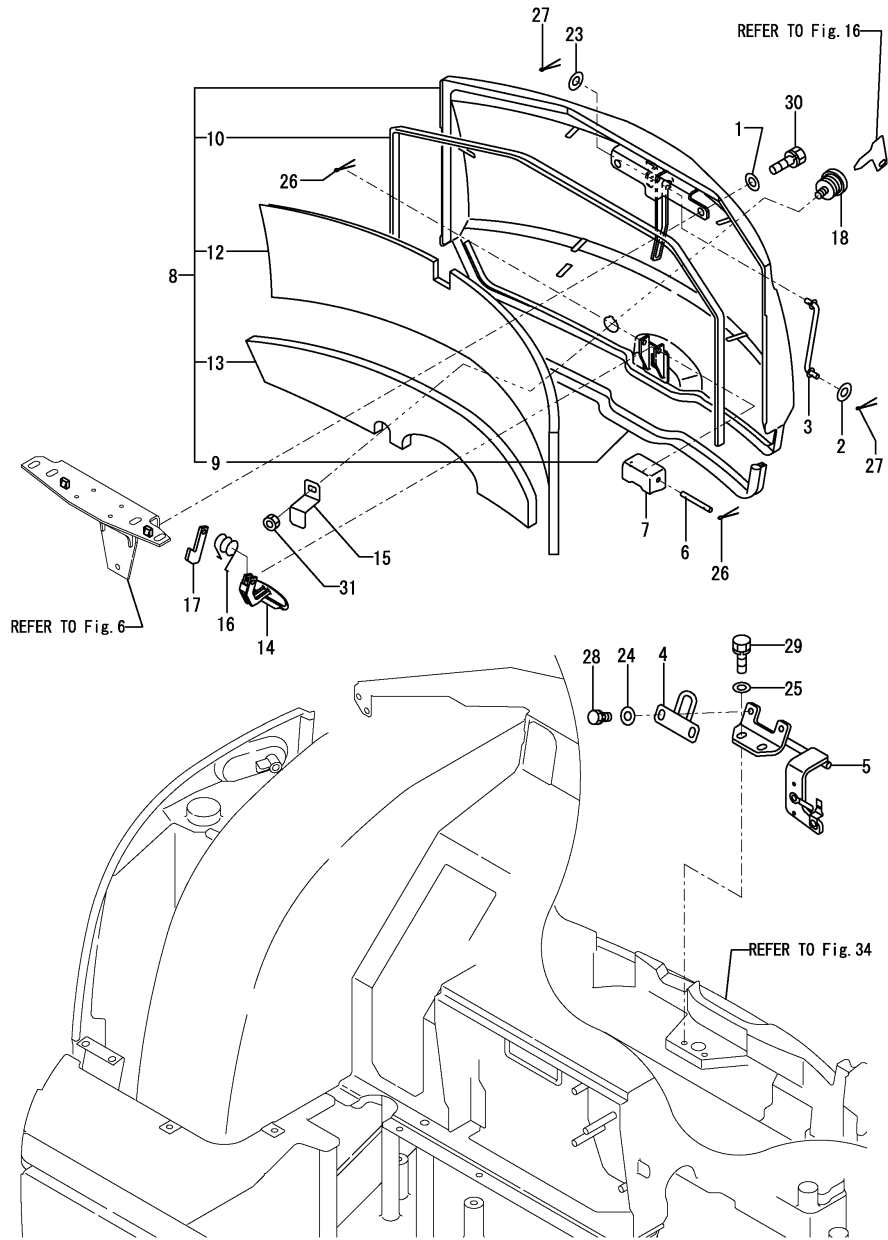
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36D	1	172472-03160	LABEL,GREASE	1							3

Remarks
 (1)Attach the No.35A, 35B, 35C, 35D & 35E label to this part.
 (2)Attach the No.36A, 36B, 36C & 36D label to this part.
 (3)Label is not illustrated.

Fig.46. BONNET(1)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



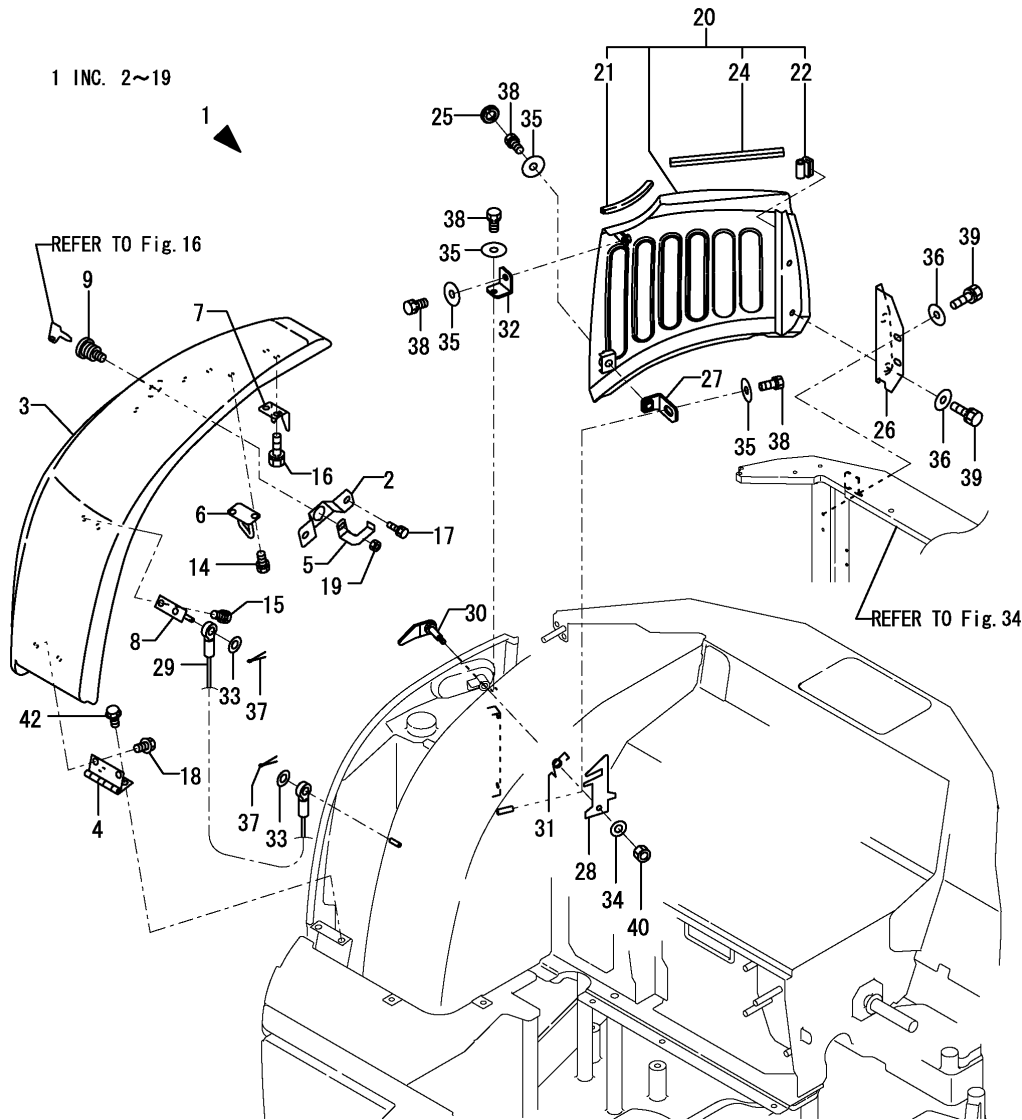
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER, 10	2	2	2	2	2	2		
2	1	1A1380-62160	WASHER, BELT COVER	1	1	1	1	1	1		
3	1	172444-64730	ROD ASSY, STOPPER	1	1	1	1	1	1		
4	1	172458-65021	BRACKET ASSY, LOCK	1	1	1	1	1	1		
5	1	172A25-65030	BRACKET ASSY, LOCK	1	1	1	1	1	1		
6	1	172458-65050	SHAFT	1	1	1	1	1	1		
7	1	172458-65060	COVER, LOCK	1	1	1	1	1	1		
8	1	172487-65100-1	BONNET	1	1	1	1	1	1		1
9	2	172458-65070	SEAL	1	1	1	1	1	1		
10	2	172458-65080	RUBBER, SEAL	1	1	1	1	1	1		
12	2	172487-65110	SEAL	1	1	1	1	1	1		
13	2	172487-65120	SEAL	1	1	1	1	1	1		
14	1	172187-65210	LEVER ASSY, LOCK	1	1	1	1	1	1		
15	1	172458-65271	PLATE, LOCK	1	1	1	1	1	1		
16	1	172734-65270	SPRING, CATCH	1	1	1	1	1	1		
17	1	172124-65480	CATCHER	1	1	1	1	1	1		
18	1	172164-66170	KEY ASSY, CYLINDER	1	1	1	1	1	1		
23	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
24	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
25	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
26	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2		
27	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2		
28	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
29	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
30	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
31	1	26347-100002	NUT, M10	1	1	1	1	1	1		
32A	1	172458-03160	LABEL, REAR	1	1	1	1	1	1		2
32B	1	172437-03380	LABEL, SWING AREA	1	1	1	1	1	1		2
32B-1	1	172437-03381	LABEL, SWING AREA	1	1	1	1	1	1	N	2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
32C	1	172437-03390	LABEL, RADIATOR	1	1	1	1	1	1		2
32C-1	1	172437-03391	LABEL, RADIATOR	1	1	1	1	1	1	N	2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
32D	1	172437-03401	LABEL (ENG COVER US	1	1	1	1	1	1		2
32D-1	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1	1	1	N	2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
32E	1	172437-03421	LABEL, MUFFLER	1	1	1	1	1	1		2
32E-1	1	172437-03422	LABEL, MUFFLER	1	1	1	1	1	1	N	2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									

Remarks

- (1) Attach the No.32A, 32B, 32C, 32D & 32E label to this part.
- (2) Label is not illustrated.

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

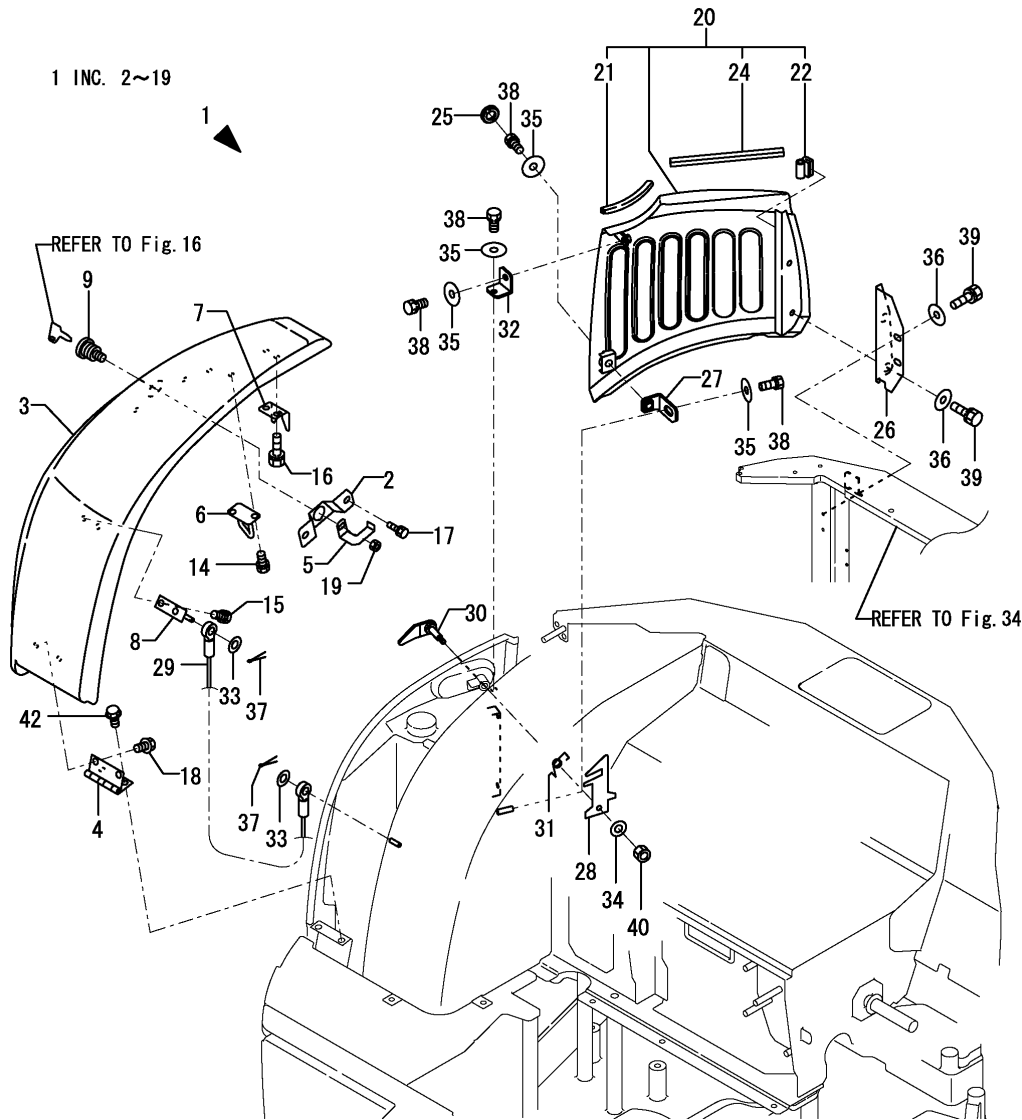


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-65490 (A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036)	BONNET ASSY	1	1	1	1	1	1	1	W
2	2	172455-65230	PLATE, KEY	1	1	1	1	1	1	1	
3	2	172472-65500	BONNET	1	1	1	1	1	1	1	2
4	2	172458-65510-1	HINGE, BONNET	1	1	1	1	1	1	1	
4-1	1	172458-65510-2 (A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX) (E=M/#XXXXX) (F=M/#XXXXX)	HINGE, BONNET	1	1	1	1	1	1	1	N
5	2	172458-65531	PLATE, LOCK	1	1	1	1	1	1	1	
6	2	172458-65540	PLATE ASSY, STOPPER	1	1	1	1	1	1	1	
7	2	172458-65560	PLATE, GUIDE	1	1	1	1	1	1	1	
8	2	172458-65640	STAY ASSY, WIRE	1	1	1	1	1	1	1	
9	2	172164-66170	KEY ASSY, CYLINDER	1	1	1	1	1	1	1	
14	2	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
15	2	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
16	2	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
16-1	2	26014-100202 (A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036) (E=M/#35036) (F=M/#35036)	BOLT, M10X 20	2	2	2	2	2	2	2	N
17	2	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
17-1	2	26014-100202 (A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036) (E=M/#35036) (F=M/#35036)	BOLT, M10X 20	2	2	2	2	2	2	2	N
18	2	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2	2	
19	2	26347-100002	NUT, M10	1	1	1	1	1	1	1	
20	1	172A25-65300-1	BONNET	1	1	1	1	1	1	1	1
21	2	172444-17620	SEAL	1	1	1	1	1	1	1	
22	2	172444-54920	SEAL, WEIGHT	1	1	1	1	1	1	1	
24	2	172458-65390	RUBBER, SEAL	1	1	1	1	1	1	1	
25	1	172463-65410	PLUG	1	1	1	1	1	1	1	
26	1	172457-65440-1	BRACKET	1	1	1	1	1	1	1	
27	1	172456-65461	BRACKET ASSY	1	1	1	1	1	1	1	
28	1	172458-65570	PLATE, HOOK	1	1	1	1	1	1	1	
29	1	172458-65600	CABLE	1	1	1	1	1	1	1	
30	1	172458-65610	HOOK ASSY	1	1	1	1	1	1	1	
31	2	172156-65690	SPRING, STOPPER	1	1	1	1	1	1	1	
32	1	172164-66490	BRACKET	1	1	1	1	1	1	1	
33	1	22137-080000	WASHER, 8	2	2	2	2	2	2	2	
34	1	22137-080000	WASHER, 8	1	1	1	1	1	1	1	
35	1	22157-100000	WASHER, 10	4	4	4	4	4	4	4	
36	1	22157-100000	WASHER, 10	4	4	4	4	4	4	4	
37	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2	2	
38	1	26013-100202	BOLT, M10X 20	4	4	4	4	4	4	4	
39	1	26013-100202	BOLT, M10X 20	4	4	4	4	4	4	4	
40	1	26347-080002	NUT, M8	1	1	1	1	1	1	1	
42	1	26106-100162 (A=M/#35036) (B=M/#35036) (C=M/#35036) (D=M/#35036) (E=M/#35036) (F=M/#35036)	BOLT, M10X 16 PLATED	2	2	2	2	2	2	2	W
43A	1	172A36-03411 (A=M/#31031) (B=M/#31031) (C=M/#31031) (D=M/#31031) (E=M/#31031) (F=M/#31031)	LABEL, ENGINE ROOM	1	1	1	1	1	1	1	W 3
44A	1	172437-03500	LABEL, FUEL	1	1	1	1	1	1	1	3
44A-1	1	172437-03501	LABEL, FUEL	1	1	1	1	1	1	1	N 3
44B	1	172437-03360 (A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)	LABEL, BATTERY	1	1	1	1	1	1	1	3
44B-1	1	172437-03361	LABEL, BATTERY	1	1	1	1	1	1	1	N 3

Remarks

- (1) Attach the No.43A label to this part.
- (2) Attach the No.44A & 44B label to this part.
- (3) Label is not illustrated.

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)



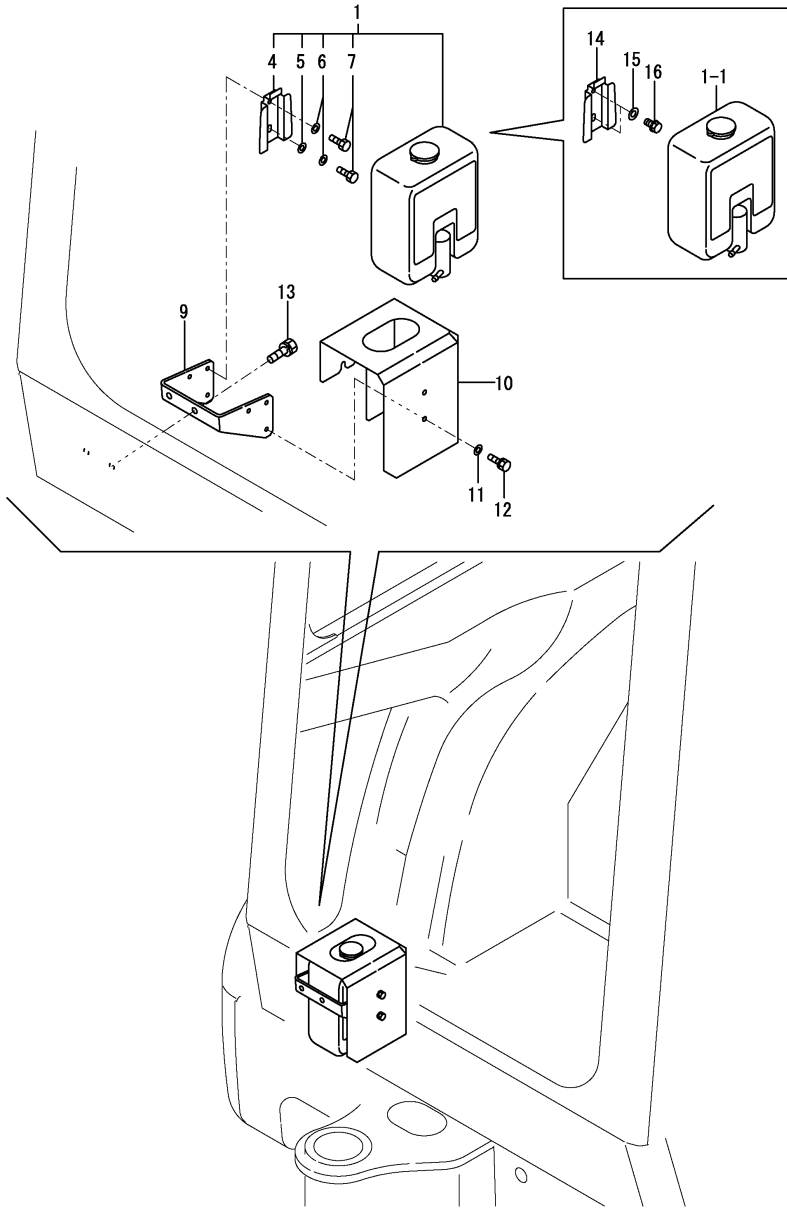
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M/#30778)	(B=M/#30778)	(C=M/#30778)	(D=M/#30778)	(E=M/#30778)	(F=M/#30778)				

Remarks
 (1) Attach the No.43A label to this part.
 (2) Attach the No.44A & 44B label to this part.
 (3) Label is not illustrated.

Fig.22. WINDOW WASHER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-17610	TANK ASSY, WASHER			1		1			
1-1	1	172472-17611	TANK ASSY, WASHER (C=MXXXXX)			1		1			F 1
4	2	172472-17650	BRACKET (C=MXXXXX)			1		1			Z
5	2	22137-060000	WASHER, 6 (C=MXXXXX)			1		1			Z
6	2	22217-060000	WASHER, SPRING 6 (C=MXXXXX)			2		2			Z
7	2	26116-060162	BOLT, M6X 16 PLATED (C=MXXXXX)			2		2			Z
9	1	172472-17660	BRACKET, WASHER			1		1			
10	1	172472-17670	COVER ASSY, WASHER			1		1			
11	1	22137-060000	WASHER, 6			3		3			
12	1	26013-060122	BOLT, M6X 12			3		3			
13	1	26013-080202	BOLT, M8X 20			2		2			
14	1	120147-44810	BRACKET (C=MXXXXX)			1		1			W
15	1	22137-060000	WASHER, 6 (C=MXXXXX)			2		2			W
16	1	26013-060102	BOLT, M6X 10 (C=MXXXXX)			2		2			W

Remarks

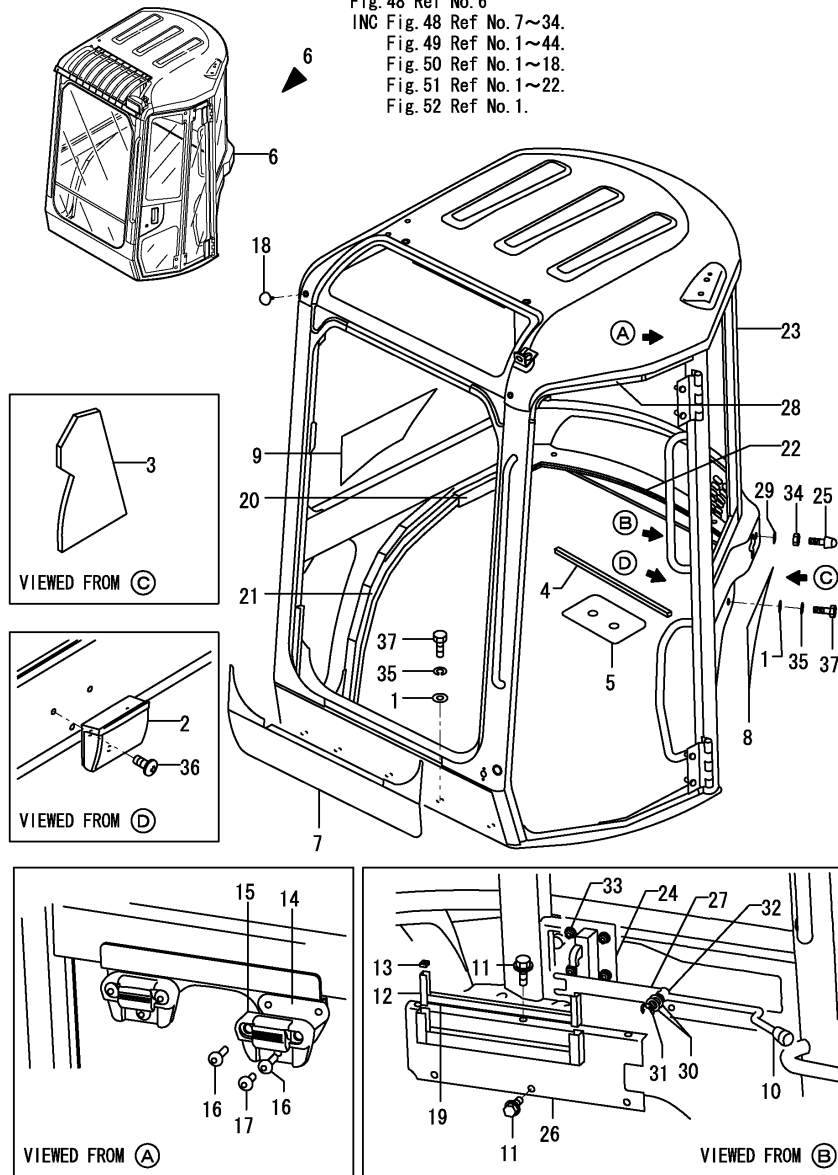
(1)Interchangeable by simultaneous replacement with No.14, 15 & 16.

Fig.48. CABIN(BODY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY
 172458-67804
 Fig. 48 Ref No. 6
 INC Fig. 48 Ref No. 7~34.
 Fig. 49 Ref No. 1~44.
 Fig. 50 Ref No. 1~18.
 Fig. 51 Ref No. 1~22.
 Fig. 52 Ref No. 1.

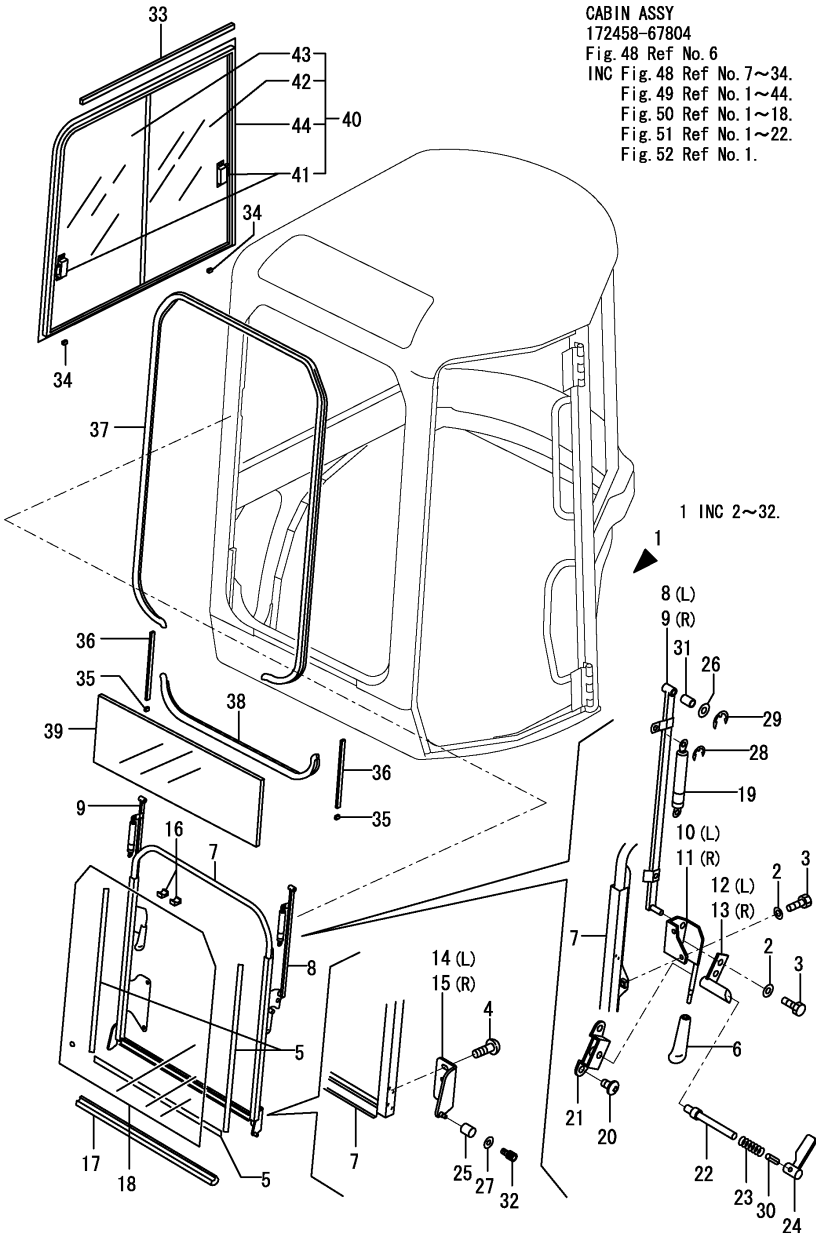


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER			13			13		
2	1	172312-17250	ASHTRAY			1			1		
3	1	172458-63360	SHEET			1			1		
4	1	172458-63480	SEAL, SPONGE			1			1		
5	1	172458-63580	SPACER			1			1		
6	1	172458-67804	CABIN ASSY			1			1		1
7	2	172458-03310	LABEL, CABIN FRONT			1			1		
8	2	172458-03320	LABEL, CABIN LIFT			1			1		
9	2	172458-03330	LABEL, CABIN RIGHT			1			1		
10	2	1E5100-51430	KNOB, CLUTCH			1			1		
11	2	172519-63240	BOLT			6			6		
12	2	172455-67310	RUN, GLASS			2			2		
13	2	172455-67320	CAP, CHANNEL			2			2		
14	2	172455-67330	PLATE ASSY, GLASS			2			2		
15	2	172455-67340	HOLDER, GLASS			2			2		
16	2	172455-67350	SCREW			4			4		
17	2	172455-67360	SCREW			2			2		
18	2	172455-67440	CLIP, TREE			4			4		
19	2	172458-67840	RUN, GLASS			1			1		
20	2	172458-67960	SEAL			1			1		
21	2	172458-67970	SEAL			1			1		
22	2	172458-67981	SEAL			1			1		
23	2	172458-68004	FRAME ASSY, CABIN			1			1		
24	2	172162-69050	LOCK ASSY			1			1		
25	2	172165-69190	RUBBER, STOPPER			1			1		
26	2	172458-69790	COVER ASSY			1			1		
27	2	172458-69830	LEVER, RESET			1			1		
28	2	172458-69930	SEAL, DOOR			1			1		
29	2	22117-100000	WASHER, 10			1			1		
30	2	22117-120000	WASHER, 12			2			2		
31	2	22272-000100	RING, E-10			1			1		
32	2	24550-012200	BUSH, 12X20			1			1		
33	2	26366-080002	NUT, M8			4			4		
34	2	26716-100002	NUT, M10			1			1		
35	1	22217-120000	WASHER, SPRING 12			13			13		
36	1	22867-400100	SCREW, 4X10			3			3		
37	1	26076-120402	BOLT, 10.912X 40			13			13		
38A	1	172437-03440	LABEL,ROPS			1			1		2
38A-1	1	172437-03441	LABEL, ROPS			1			1		N 2
			(C=M/#30778)					(E=M/#30778)			
38B	1	172437-03450	LABEL,SEAT BELT			1			1		2
38B-1	1	172437-03451	LABEL, SEAT BELT			1			1		N 2
			(C=M/#30778)					(E=M/#30778)			

Remarks

- (1) Attach the No.38A & 38B label to this part.
- (2) Label is not illustrated.

Fig.49. CABIN(GLASS)



CABIN ASSY
172458-67804
Fig. 48 Ref No. 6
INC Fig. 48 Ref No. 7~34.
Fig. 49 Ref No. 1~44.
Fig. 50 Ref No. 1~18.
Fig. 51 Ref No. 1~22.
Fig. 52 Ref No. 1.

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
(B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
(C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)

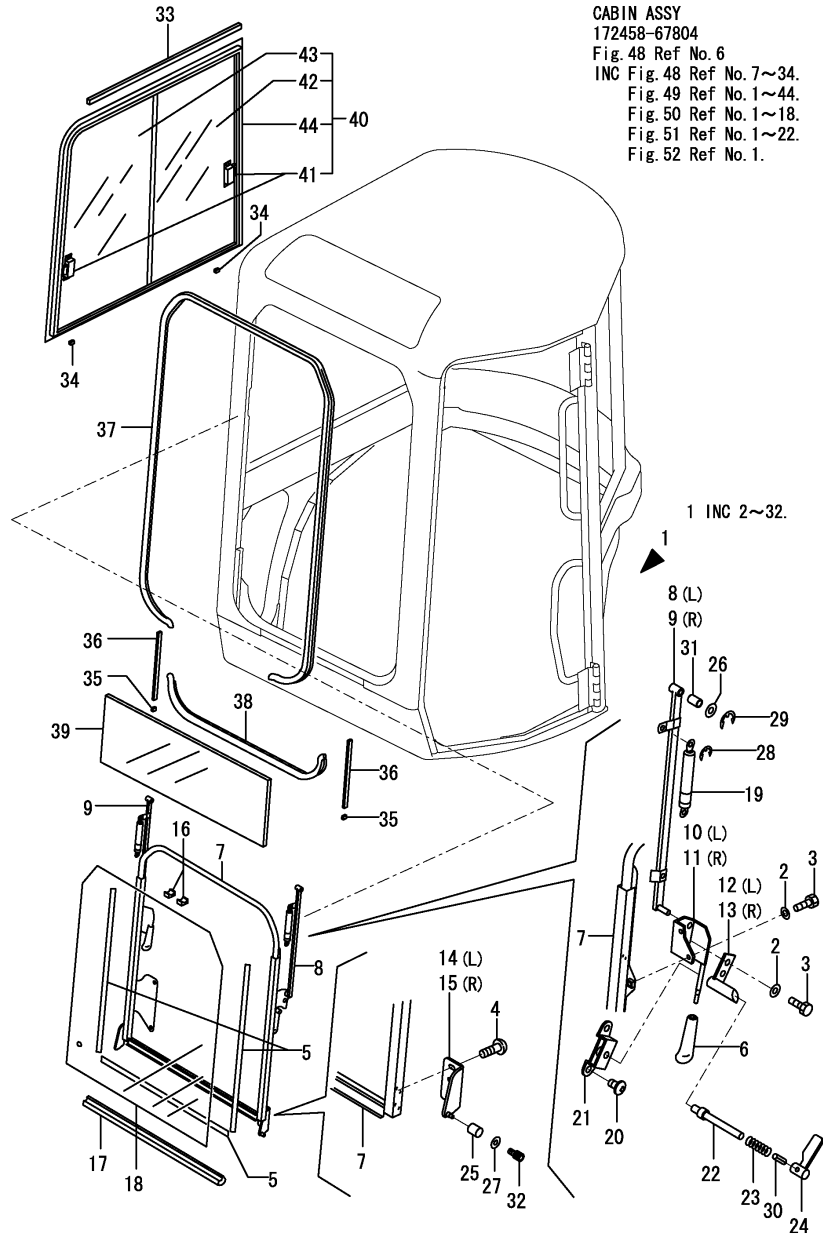
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172459-67810	SASH ASSY			1			1		
2	3	172458-63670	WASHER			8			8		
3	3	172458-63680	BOLT			8			8		
4	3	172458-63730	SCREW			4			4		
5	3	172458-63790	SEAL, DAM			3			3		
6	3	172445-66750	GRIP			2			2		
7	3	172458-67340	FRAME			1			1		
8	3	172458-67440	LINK			1			1		
9	3	172458-67510	LINK			1			1		
10	3	172458-67520	HANDLE			1			1		
11	3	172458-67550	HANDLE			1			1		
12	3	172458-67570	LATCH ASSY			1			1		
13	3	172458-67610	LATCH ASSY			1			1		
14	3	172458-67670	SHAFT ASSY, ROLLER			1			1		
15	3	172458-67680	SHAFT ASSY, ROLLER			1			1		
16	3	172458-67850	RUBBER, STOPPER			2			2		
17	3	172458-67870	RUBBER, SEAL			1			1		
18	3	172458-67900	GLASS			1			1		
19	3	172458-67920	SPRING, GAS			2			2		
20	3	172463-69150	SCREW			4			4		
21	3	172463-69160	HOLDER ASSY			2			2		
22	3	172463-69190	PIN, LATCH			2			2		
23	3	172463-69200	SPRING			2			2		
24	3	172463-69210	LEVER ASSY			2			2		
25	3	172445-69740	ROLLER			2			2		
26	3	22117-120000	WASHER, 12			4			4		
27	3	22137-060000	WASHER, 6			2			2		
28	3	22272-000060	RING, E- 6			4			4		
29	3	22272-000080	RING, E- 8			4			4		
30	3	22351-030012	PIN, SPRING 3.0X12			2			2		
31	3	24550-012200	BUSH, 12X20			4			4		
32	3	26450-060102	BOLT, M6X 10			2			2		
33	2	172458-63760	SEAL, SPONGE			1			1		
34	2	172455-67610	SPACER			2			2		
35	2	172455-67710	RUBBER, STOPPER			2			2		
36	2	172458-67830	RUN, GLASS			2			2		
37	2	172458-67860	RUBBER, SEAL			1			1		
38	2	172458-67880	RUBBER, SEAL			1			1		
39	2	172458-67910	GLASS			1			1		
40	2	172458-69250	SASH ASSY			1			1		1
41	3	172455-67770	LOCK ASSY, SASH			2			2		
42	3	172458-69260	GLASS, SASH			1			1		
43	3	172458-69270	GLASS, SASH			1			1		
44	3	172458-69280	FRAME, SASH			1			1		
45A	1	172437-03550	LABEL, WINDOW			1			1		2
45A-1	1	172437-03551	LABEL, WINDOW US			1			1		N 2
			(C=M/#30778)						(E=M/#30778)		
45B	1	172490-03200	LABEL, OPERATION			1			1		2
45C	1	172496-03250	LABEL, PTO			1			1		2
45D	1	172472-03222	LABEL, LIFT Q US			1			1		2
45D-1	1	172472-03223	LABEL, LIFT Q US			1			1		N 2

Remarks
(1) Attach the No.45A, 45, 45C, 45D, 45E, 45F & 45G label to this part.
(2) Label is not illustrated.

Fig.49. CABIN(GLASS)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



CABIN ASSY
 172458-67804
 Fig. 48 Ref No. 6
 INC Fig. 48 Ref No. 7~34.
 Fig. 49 Ref No. 1~44.
 Fig. 50 Ref No. 1~18.
 Fig. 51 Ref No. 1~22.
 Fig. 52 Ref No. 1.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
			(C=M/#30778)	(E=M/#30778)							
45E	1	172472-03240	LABEL, PIN US			1		1			2
45E-1	1	172472-03241	LABEL, PIN US			1		1		N	2
			(C=M/#30778)	(E=M/#30778)							
45F	1	172472-03250	LABEL, OPERATION			1		1			2
45G	1	172437-03600	LABEL			1		1			2
45G-1	1	172437-03601	LABEL, 2-WAY US			1		1		N	2
			(C=M/#30778)	(E=M/#30778)							

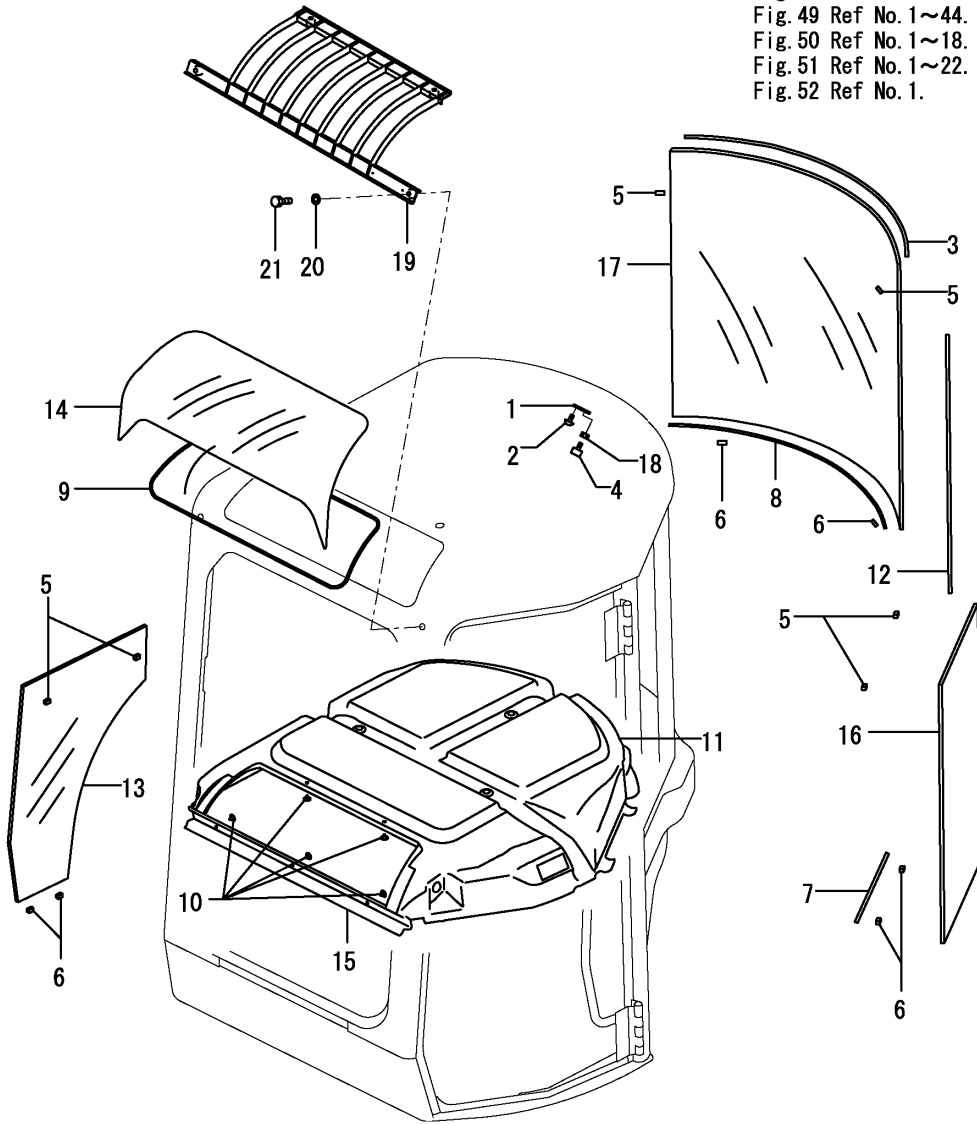
Remarks
 (1) Attach the No.45A, 45, 45C, 45D, 45E, 45F & 45G label to this part.
 (2) Label is not illustrated.

Fig.50. CABIN(ACCESSORY)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY
 172458-67804
 Fig. 48 Ref No. 6
 INC Fig. 48 Ref No. 7~34.
 Fig. 49 Ref No. 1~44.
 Fig. 50 Ref No. 1~18.
 Fig. 51 Ref No. 1~22.
 Fig. 52 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-63700	PLATE ASSY			1		1			
2	2	172458-63730	SCREW			1		1			
3	2	172458-63770	TRIM			1		1			
4	2	172458-63800	RUBBER, STOPPER			1		1			
5	2	172458-63950	SPACER			6		6			
6	2	172458-63960	SPACER			6		6			
7	2	172458-63970	SEAL, DAM			1		1			
8	2	172458-63980	SEAL, DAM			1		1			
9	2	172458-63990	SEAL, DAM			1		1			
10	2	172455-67550	CLIP			15		15			
11	2	172458-68851	ROOF, INNER			1		1			
12	2	172458-69090	TRIM			1		1			
13	2	172458-69200	GLASS			1		1			
14	2	172458-69210	SUNROOF			1		1			
15	2	172458-69220	LINING			1		1			
16	2	172458-69230	GLASS			1		1			1
17	2	172458-69240	GLASS			1		1			
18	2	26716-100002	NUT, M10			1		1			
19	1	172472-66610	GUARD, FOPS			1		1			
19-1	1	172472-66611	GUARD, FOPS (C=M/#30529)			1		1			N
20	1	22137-100000	WASHER, 10			4		4			
21	1	26076-100352	BOLT, 10.910X 35			4		4			
22A	1	172463-03320	LABEL,F/W LOWER US			1		1			2

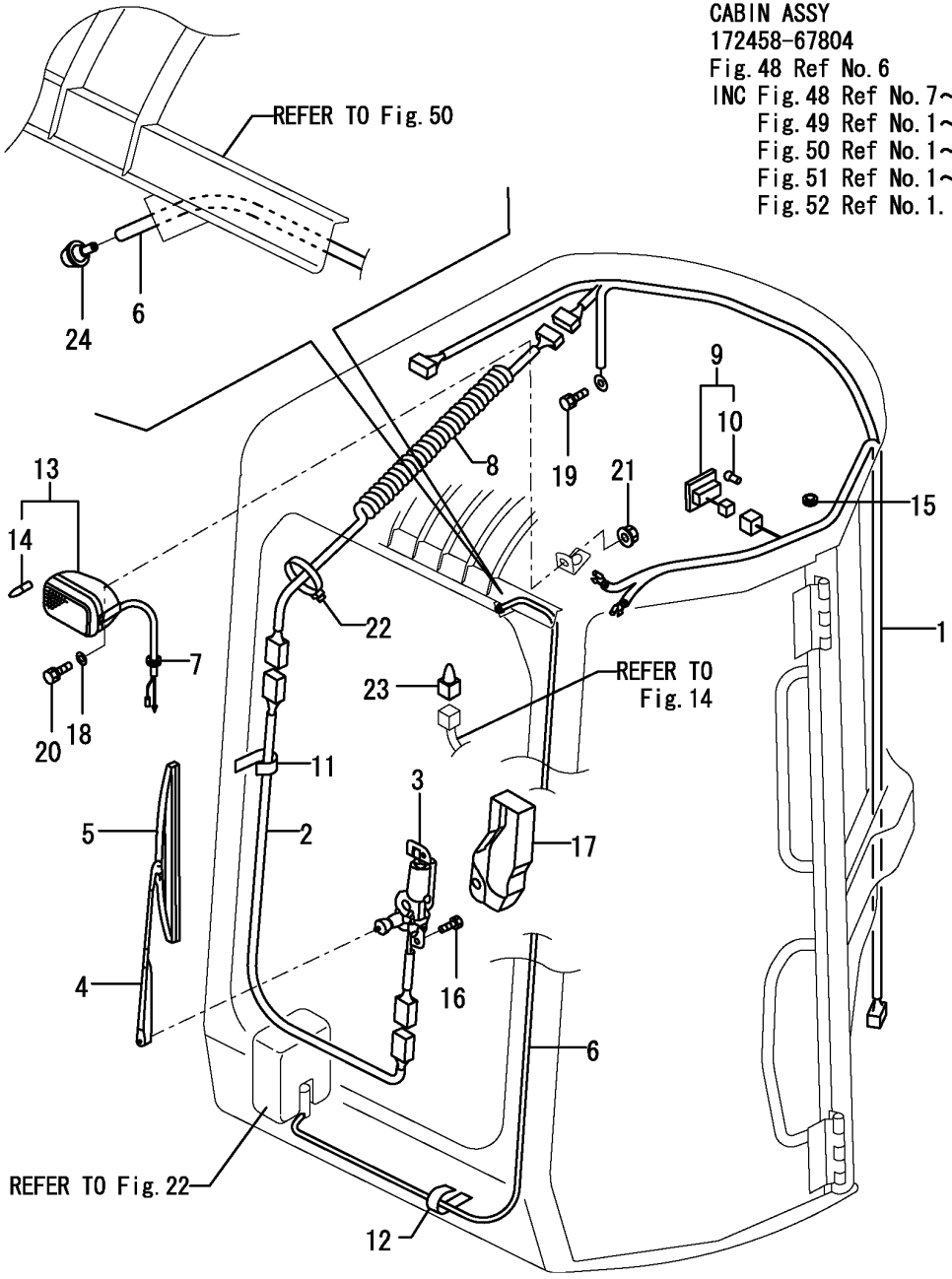
Remarks

- (1) Attach the No.22A label to this part.
- (2) Label is not illustrated.

Fig.51. CABIN(ELECTRIC PARTS)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



CABIN ASSY
172458-67804
 Fig. 48 Ref No. 6
 INC Fig. 48 Ref No. 7~34.
 Fig. 49 Ref No. 1~44.
 Fig. 50 Ref No. 1~18.
 Fig. 51 Ref No. 1~22.
 Fig. 52 Ref No. 1.

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

Fig.52. CABIN DOOR(FRONT)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

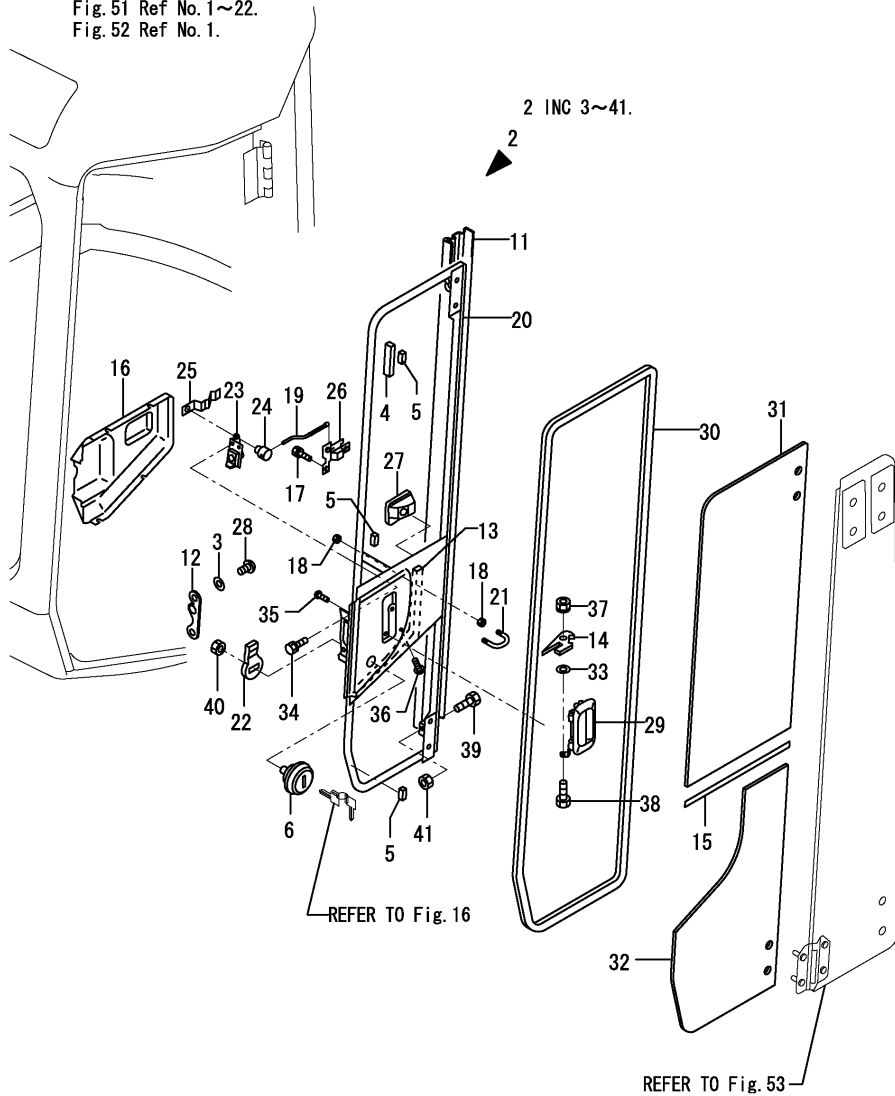
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY
 172458-67804

Fig. 48 Ref No. 6
 INC Fig. 48 Ref No. 7~34.
 Fig. 49 Ref No. 1~44.
 Fig. 50 Ref No. 1~18.
 Fig. 51 Ref No. 1~22.
 Fig. 52 Ref No. 1.

CABIN DOOR ASSY
 172459-67821

Fig. 52 Ref No. 1
 INC Fig. 52 Ref No. 2.
 Fig. 53 Ref No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172459-67821	DOOR ASSY			1			1		
2	2	172459-67831	DOOR ASSY			1			1		
3	3	172458-63670	WASHER			2			2		
4	3	172458-63930	STOPPER			1			1		
5	3	172458-63950	SPACER			3			3		
6	3	172164-66170	KEY ASSY, CYLINDER			1			1		
11	3	172458-66720	COVER, DOOR			1			1		
12	3	172458-67020	STRIKER ASSY			1			1		
13	3	172458-67650	SEAL, DAM			1			1		
14	3	172458-67940	PLATE			1			1		
15	3	172458-69100	TRIM			1			1		
16	3	172455-69170	COVER, LATCH			1			1		
17	3	172455-69300	BOLT			3			3		
18	3	172445-69320	NUT			4			4		
19	3	172445-69400	ROD, HANDLE			1			1		
20	3	172458-69400	FRAME ASSY, DOOR			1			1		1
21	3	172445-69420	HOOK, DOOR			1			1		
22	3	172162-69470	PLATE, LOCK			1			1		
23	3	172162-69480	LOCK ASSY			1			1		
24	3	172162-69490	PIN			1			1		
25	3	172162-69500	SPRING			1			1		
26	3	172162-69510	HANDLE ASSY			1			1		
27	3	172162-69520	COVER			1			1		
28	3	172455-69520	BOLT			2			2		
29	3	172162-69541	HANDLE, OUTER			1			1		
30	3	172458-69580	TRIM ASSY			1			1		
31	3	172458-69900	GLASS, DOOR			1			1		
32	3	172458-69910	GLASS, DOOR			1			1		
33	3	22137-080000	WASHER, 8			1			1		
34	3	26013-060162	BOLT, M6X 16			3			3		
35	3	26023-060122	SCREW, M6X12			2			2		
36	3	26023-060162	SCREW, M6X16			4			4		
37	3	26051-080002	NUT, M8			1			1		
38	3	26116-080202	BOLT, M8X 20 PLATED			1			1		
39	3	26116-100304	BOLT, M10X 30 PLATED			1			1		
40	3	26716-100002	NUT, M10			1			1		
41	3	26716-100002	NUT, M10			1			1		
42A	1	172458-03601	LABEL, DOOR LOCK			1			1		W 2

(C=M/#30827)

(E=M/#30827)

Remarks

- (1) Attach the No.42A label to this part.
- (2) Label is not illustrated.

Fig.53. CABIN DOOR(REAR)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

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

CABIN ASSY

172458-67804

Fig. 48 Ref No. 6

INC Fig. 48 Ref No. 7~34.

Fig. 49 Ref No. 1~44.

Fig. 50 Ref No. 1~18.

Fig. 51 Ref No. 1~22.

Fig. 52 Ref No. 1.

CABIN DOOR ASSY

172459-67821

Fig. 52 Ref No. 1

INC Fig. 52 Ref No. 2.

Fig. 53 Ref No. 1.

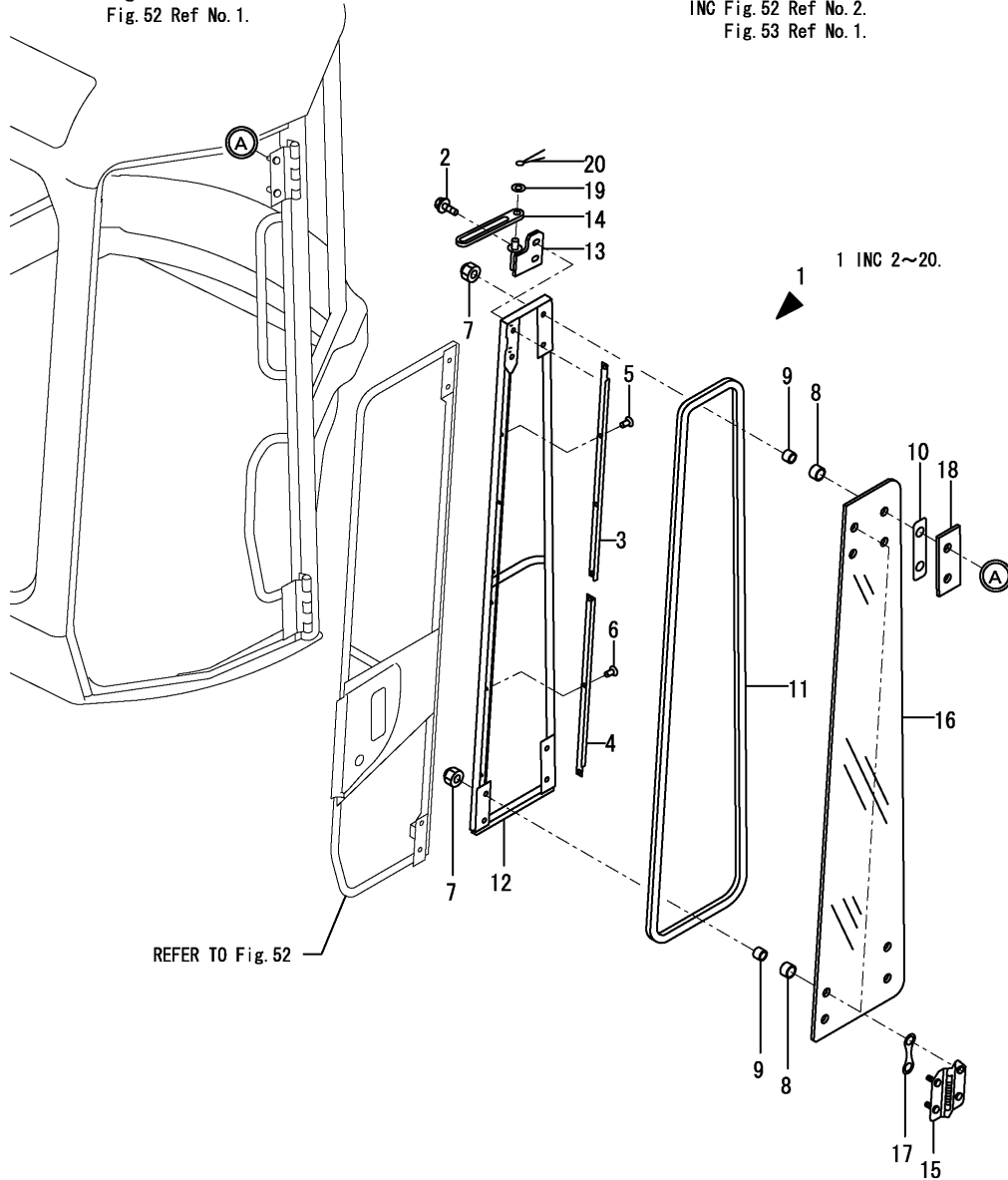
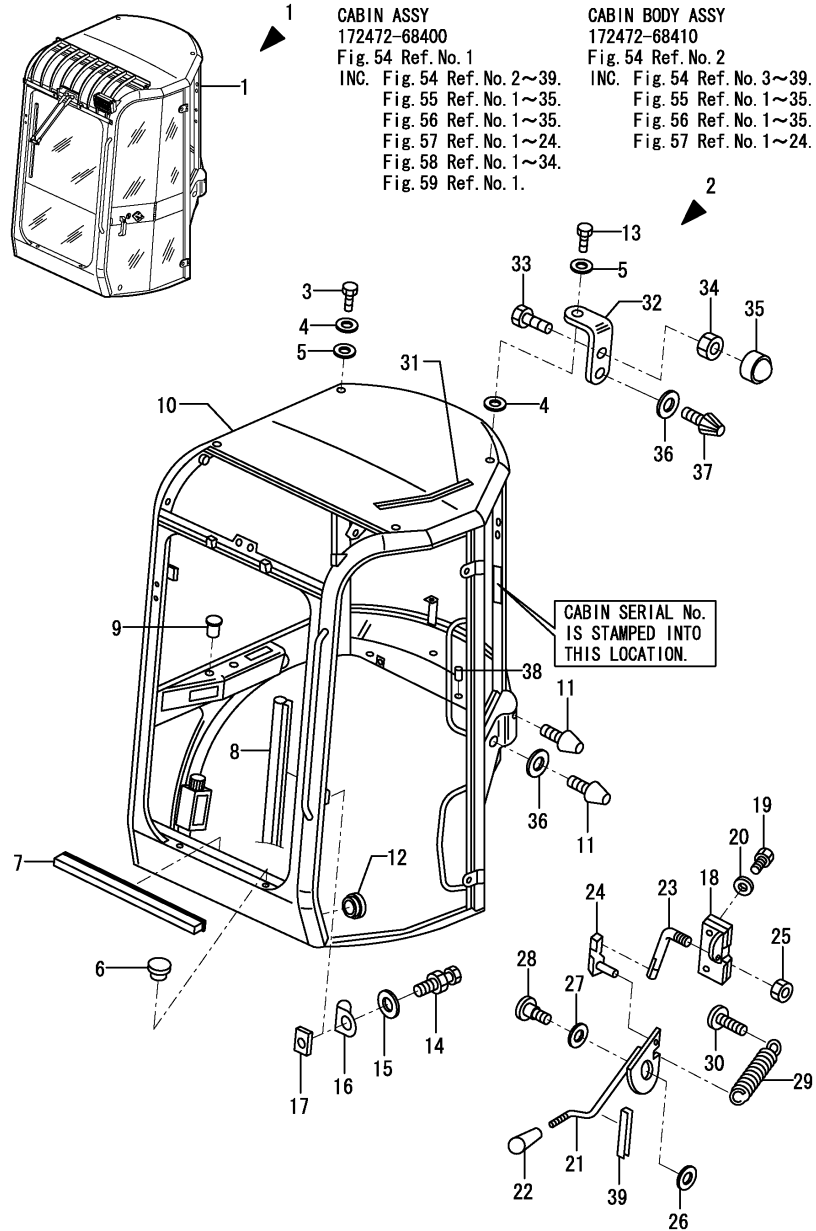


Fig.54. TIM CABIN(BODY)



(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-68400	CABIN ASSY	1							
2	2	172472-68410	CABIN ASSY	1							
3	3	172456-68180	BOLT 16X30	1							
4	3	172A21-68990	WASHER	2							
5	3	172A21-68840	WASHER, 15X30X2	2							
6	3	172456-68550	STOPPER	4							
7	3	172472-68550	SEAL, 820	1							
8	3	172472-68560	SEAL, 3300	1							
9	3	172472-68840	NUT, M5	2							
10	3	172472-68470	CABINE BASE ASSY	1							1
11	3	172437-68640	STOPPER, DOOR	2							
12	3	172456-68570	PLUG	2							
13	3	172472-68570	BOLT 16X40	1							
14	3	172456-68720	CATCH, DOOR	1							
15	3	172456-68750	WASHER, 12X30X2	1							
16	3	172456-68730	PROTECTOR L	1							
17	3	172456-68380	PLATE	1							
18	3	172456-68880	CATCH, DOOR	1							
19	3	172456-68390	BOLT 6X35	4							
20	3	172456-68930	WASHER	4							
21	3	172472-68590	REVER DOOR LOCK	1							
22	3	172456-68770	KNOB, LEVER	1							
23	3	172456-68850	LINKAGE	1							
24	3	172456-68860	CLIP	1							
25	3	172456-68870	NUT, SAFETY	1							
26	3	172456-68780	WASHER	1							
27	3	172456-68790	COLLAR, NYLON	1							
28	3	172456-68800	SCREW	1							
29	3	172456-68830	SPRING, 1.5X10X50	1							
30	3	172456-68840	SCREW, M8X20	1							
31	3	172472-68710	SEAL, 360	1							
32	3	172472-68780	SUPPORT, DOOR	1							
33	3	172472-68790	BOLT	1							
34	3	172456-68100	NUT, M8	1							
35	3	172A21-69030	CAP, NUT M8	1							
36	3	172456-68710	WASHER, 10X38X5	2							
37	3	172437-68640	STOPPER, DOOR	1							
38	3	172A21-69020	NUT, M6	2							
39	3	172456-69320	SEAL, 90	1							
43A	1	172437-03440	LABEL,ROPS	1							2
43A-1	1	172437-03441	LABEL, ROPS	1							N 2
(A=M/#30778)											
43B	1	172437-03450	LABEL,SEAT BELT	1							2
43B-1	1	172437-03451	LABEL, SEAT BELT	1							N 2
(A=M/#30778)											

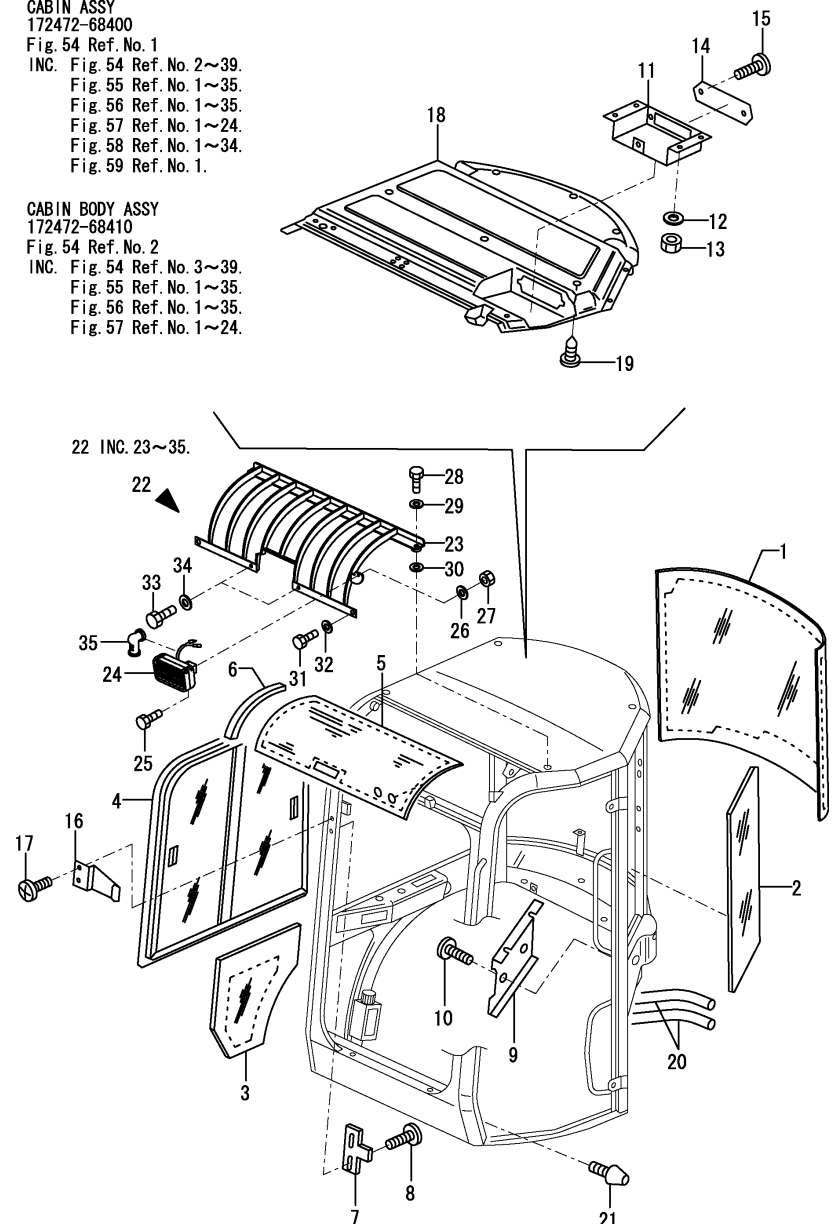
Remarks

- (1) Attach the No.43A & 43B label to this part.
- (2) Label is not illustrated.

Fig.55. TIM CABIN(Accessory)

CABIN ASSY
172472-68400
Fig. 54 Ref. No. 1
INC. Fig. 54 Ref. No. 2~39.
Fig. 55 Ref. No. 1~35.
Fig. 56 Ref. No. 1~35.
Fig. 57 Ref. No. 1~24.
Fig. 58 Ref. No. 1~34.
Fig. 59 Ref. No. 1.

CABIN BODY ASSY
172472-68410
Fig. 54 Ref. No. 2
INC. Fig. 54 Ref. No. 3~39.
Fig. 55 Ref. No. 1~35.
Fig. 56 Ref. No. 1~35.
Fig. 57 Ref. No. 1~24.



(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172472-68480	GLASS	1							
2	3	172472-68490	GLASS	1							
3	3	172472-68500	GLASS	1							
4	3	172472-68510	SASH ASSY	1							1
5	3	172472-68520	GLASS, SKYLIGHT	1							
6	3	172456-68490	SEAL, JOINT 300	2							
7	3	172437-68780	HOLDER,FRONT WINDOW	2							
8	3	172456-68950	SCREW, M6X16	4							
9	3	172472-68600	COVER, LOCK	1							
10	3	172456-68950	SCREW, M6X16	4							
11	3	172472-68620	SUPPORT, RADIO	1							
12	3	172456-68930	WASHER	4							
13	3	172456-69900	NUT, M6	4							
14	3	172A21-68610	PLATE,RADIO	1							
15	3	172456-68950	SCREW, M6X16	2							
16	3	172456-68600	SUPPORT, WIPER BLADE	1							
17	3	172456-68610	SCREW, M5X8	2							
18	3	172472-68700	INNER ROOF	1							
19	3	172A21-68870	CAP	10							
20	2	172472-68450	HOSE, HEATER	2							
21	2	172472-68460	STOPPER, RUBBER	1							
22	2	172472-68440	GRILLE ASSY	1							
23	3	172472-69200	GRILLE ASSY	1							
24	3	172472-69210	WORK LAMP	1							
25	3	172456-69980	SCREW, M8X16	1							
26	3	172456-69990	WASHER, 8	1							
27	3	172456-68100	NUT, M8	1							
28	3	172472-68570	BOLT 16X40	2							
29	3	172A21-68990	WASHER	2							
30	3	172A21-68840	WASHER, 15X30X2	2							
31	3	172472-69220	BOLT 16X25	2							
32	3	172A21-68990	WASHER	2							
33	3	172472-69230	BOLT M10X20	2							
34	3	172437-68350	WASHER 10.5X30X2.5	2							
35	3	172456-68110	CAP	2							
36A	1	172437-03550	LABEL,WINDOW	1							2
36A-1	1	172437-03551	LABEL, WINDOW US	1							N 2
(A=M/#30778)											
36B	1	172490-03200	LABEL, OPERATION	1							2
36C	1	172496-03250	LABEL, PTO	1							2
36D	1	172472-03222	LABEL, LIFT Q US	1							2
36D-1	1	172472-03223	LABEL, LIFT Q US	1							N 2
(A=M/#30778)											
36E	1	172472-03240	LABEL,PIN US	1							2
36E-1	1	172472-03241	LABEL, PIN US	1							N 2
(A=M/#30778)											
36F	1	172472-03250	LABEL, OPERATION	1							2
36G	1	172437-03600	LABEL	1							2
36G-1	1	172437-03601	LABEL, 2-WAY US	1							N 2
(A=M/#30778)											

Remarks

- (1)Attach the No.36A, 36B, 36C, 36D, 36E, 36F & 36G label to this part.
- (2)Label is not illustrated.

Fig.56. TIM CABIN(ELECTRIC PARTS)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY

172472-68400

Fig. 54 Ref. No. 1

INC. Fig. 54 Ref. No. 2~39.

Fig. 55 Ref. No. 1~35.

Fig. 56 Ref. No. 1~35.

Fig. 57 Ref. No. 1~24.

Fig. 58 Ref. No. 1~34.

Fig. 59 Ref. No. 1.

CABIN BODY ASSY

172472-68410

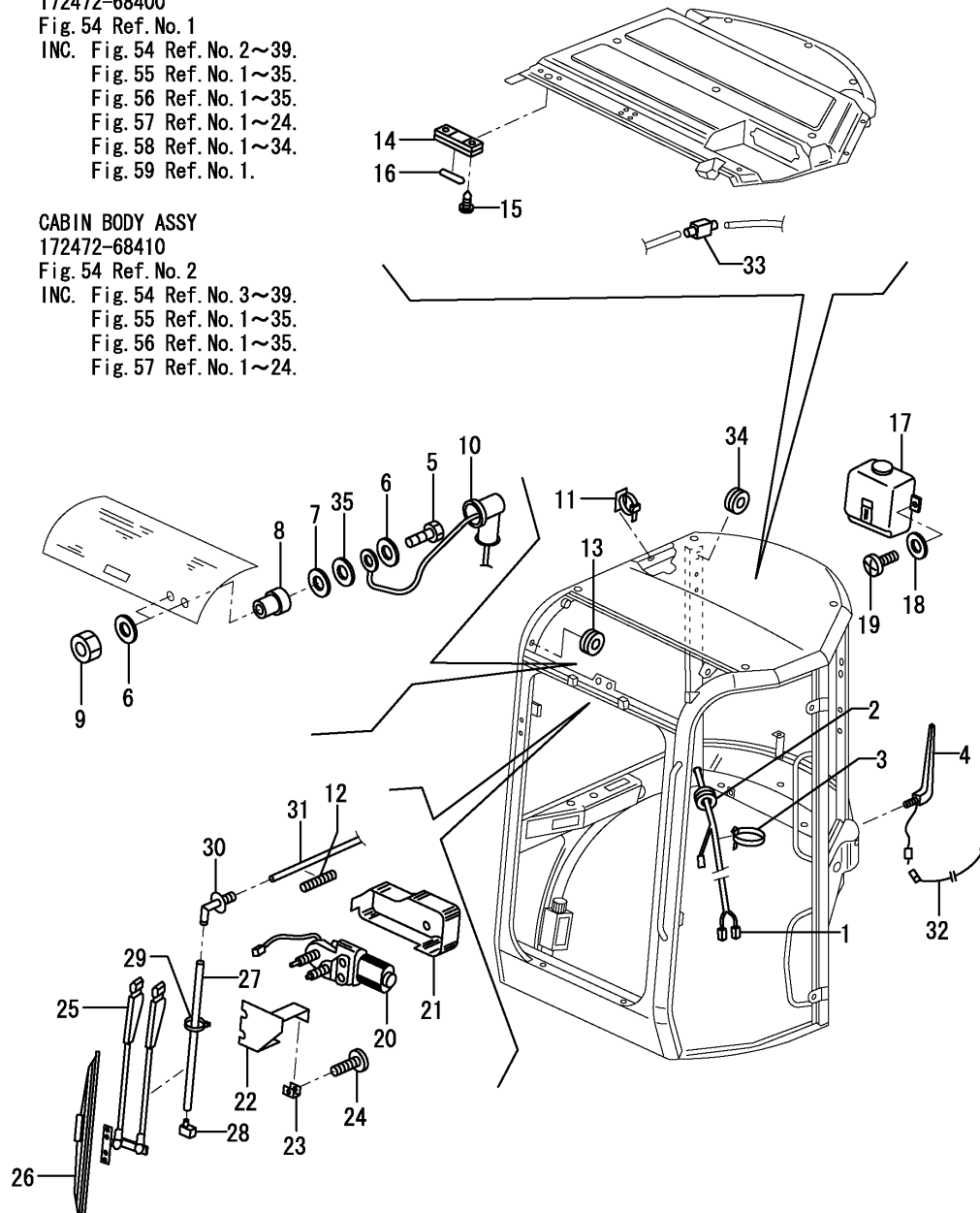
Fig. 54 Ref. No. 2

INC. Fig. 54 Ref. No. 3~39.

Fig. 55 Ref. No. 1~35.

Fig. 56 Ref. No. 1~35.

Fig. 57 Ref. No. 1~24.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172472-68530	WIRE HARNESS CABIN	1							
2	3	172456-68510	GROMMET	1							
3	3	172472-68540	BAND	4							
4	3	172A21-68950	ANTENNA	1							
5	3	172456-68120	SCREW	2							
6	3	172456-68130	WASHER, 7X16X3	4							
7	3	172456-68150	WASHER, 6X18X1	2							
8	3	172456-68160	NUT, SEAL M6	2							
9	3	172456-68170	NUT, BRASS M6	2							
10	3	172456-68110	CAP	2							
11	3	172456-68520	CLAMP, CABLE	7							
12	3	172456-68830	SPRING, 1.5X10X50	1							
13	3	172456-68530	GROMMET, 16X22X3	2							
14	3	172456-68960	ROOM LAMP	1							
15	3	172456-68650	SCREW, M3.5X12.7	2							
16	3	172456-68970	LAMP	1							
17	3	172437-68760	TANK, WASHER	1							
18	3	172456-68150	WASHER, 6X18X1	2							
19	3	172456-68590	SCREW, M6X12	2							
20	3	172437-68540	WIPER MOTOR	1							
21	3	172456-69200	COVER, MOTOR	1							
22	3	172456-69170	SUPPORT, MOTOR	1							
23	3	172456-69180	CLIP	2							
24	3	172456-69190	SCREW, M5X12	2							
25	3	172456-69210	ARM, WIPER	1							
26	3	172456-69220	BLADE, WIPER	1							
27	3	172472-68660	HOSE	1							
28	3	172437-68520	NOZZLE, WASHER	1							
29	3	172437-68400	CLAMP	2							
30	3	172A21-68930	BEND UNION	1							
31	3	172472-68670	HOSE	1							
32	3	172472-68730	WIRE ANTENNA	1							
33	3	172437-68460	CHECK VALVE,WASHER	1							
34	3	172A21-68970	GROMMET, 20X28X4	2							
35	3	172456-68140	WASHER, 6	2							

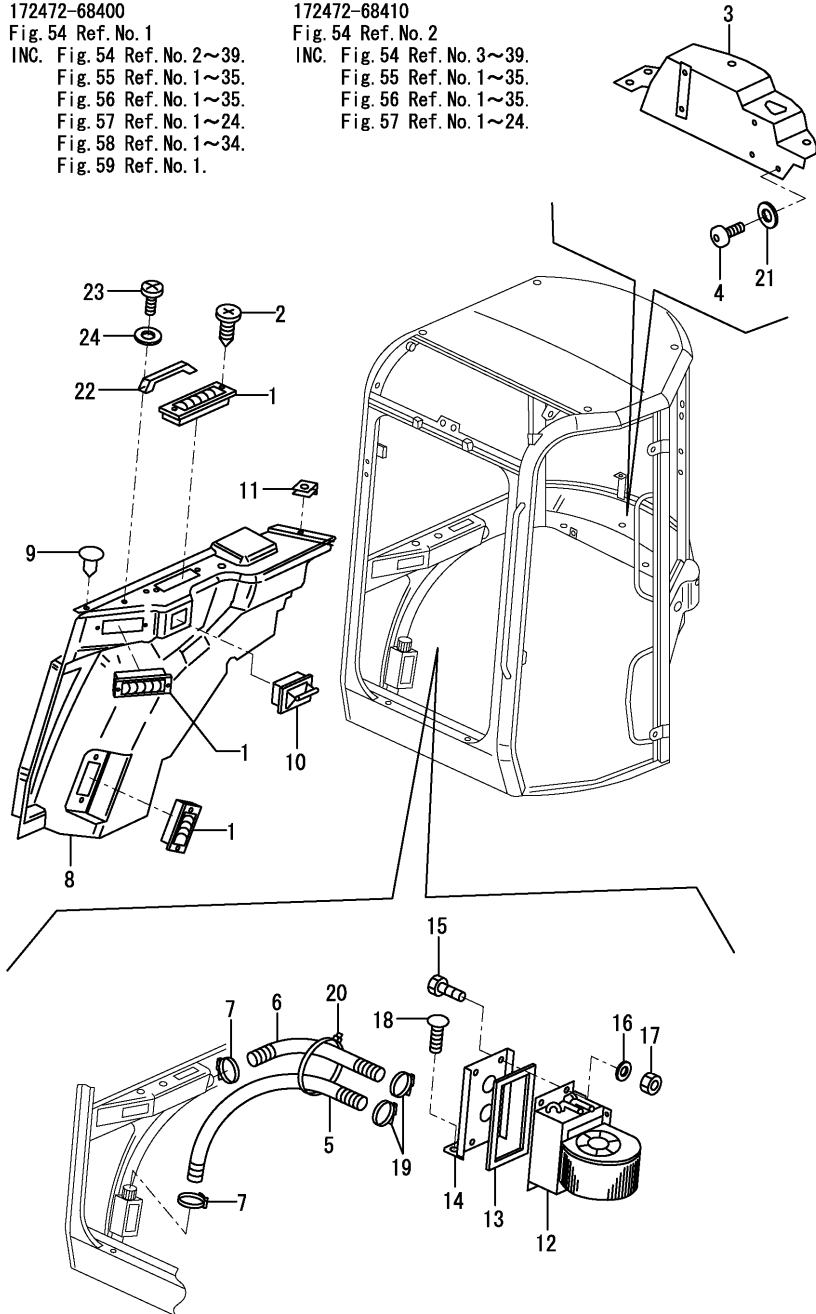
Fig.57. TIM CABIN(HEATER & DUCT COVER)

CABIN ASSY
172472-68400

Fig. 54 Ref. No. 1
INC. Fig. 54 Ref. No. 2~39.
Fig. 55 Ref. No. 1~35.
Fig. 56 Ref. No. 1~35.
Fig. 57 Ref. No. 1~24.
Fig. 58 Ref. No. 1~34.
Fig. 59 Ref. No. 1.

CABIN BODY ASSY
172472-68410

Fig. 54 Ref. No. 2
INC. Fig. 54 Ref. No. 3~39.
Fig. 55 Ref. No. 1~35.
Fig. 56 Ref. No. 1~35.
Fig. 57 Ref. No. 1~24.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172472-68580	DEFROSTER	3							
2	3	172A21-68910	SCREW, M3.9X19	6							
3	3	172472-68610	COVER, HEATER	1							
4	3	172456-68950	SCREW, M6X16	6							
5	3	172472-68630	HOSE, DEFROSTER	1							
6	3	172472-68640	HOSE, DEFROSTER	1							
7	3	172472-68650	CLAMP	2							
8	3	172472-68680	COVER, DUCT	1							
9	3	172472-68690	CLIP	10							
10	3	172456-68620	ASHTRAY	1							
11	3	172472-68720	CLIP	1							
12	3	172472-68740	HEATER	1							
13	3	172472-68750	SEAL, 720	1							
14	3	172472-68760	SUPPORT, HEATER	1							
15	3	172A21-69060	SCREW, M6X16	5							
16	3	172456-68930	WASHER	5							
17	3	172456-69900	NUT, M6	5							
18	3	172456-68950	SCREW, M6X16	2							
19	3	172472-68650	CLAMP	2							
20	3	172472-68810	BAND	3							
21	3	172472-68820	WASHER, 6.5X17X1	6							
22	3	172437-68430	GRIP	1							
23	3	172437-68210	SCREW, M5X20	2							
24	3	172437-68440	WASHER 5.5X10X1	2							

Fig.58. TIM CABIN(FRONT WINDOW)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY
 172472-68400

Fig. 54 Ref. No. 1

INC. Fig. 54 Ref. No. 2~39.

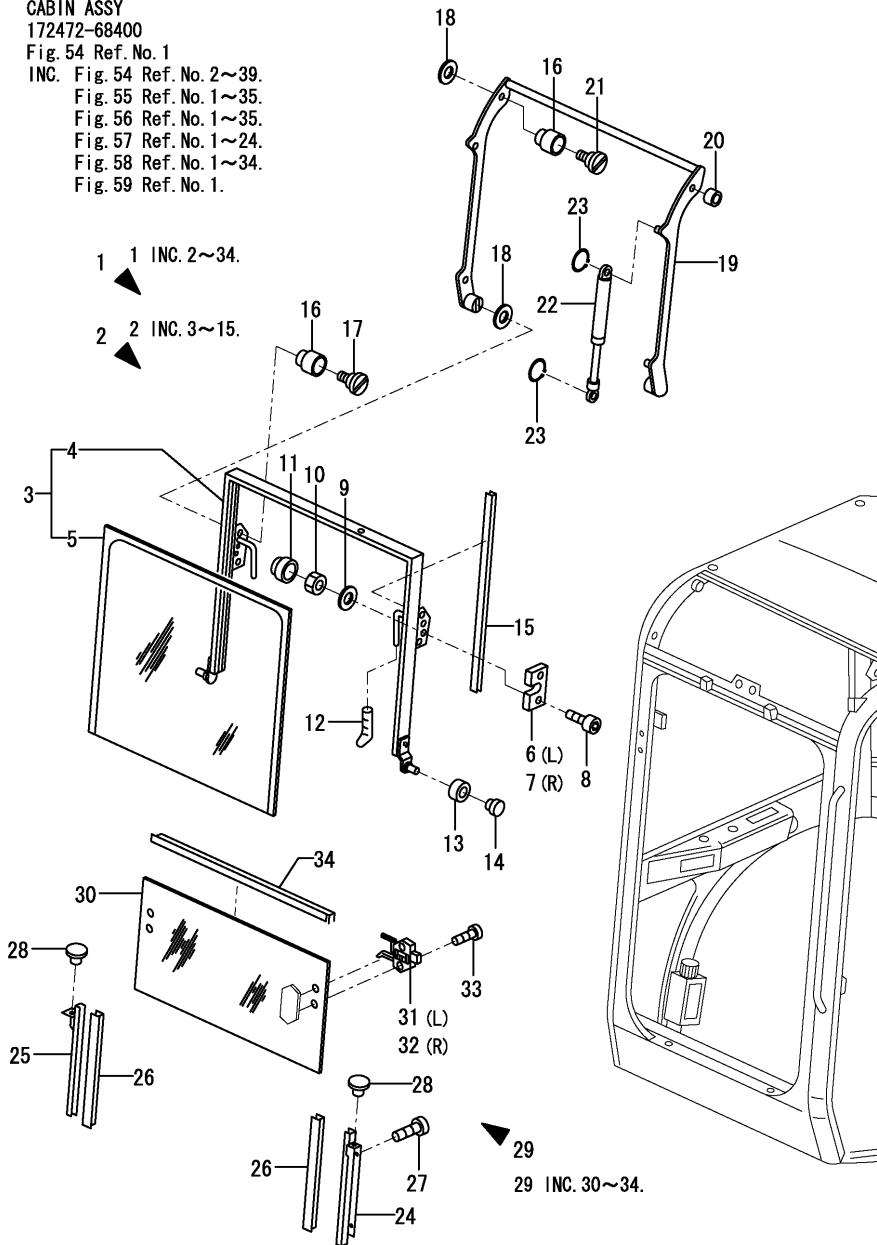
Fig. 55 Ref. No. 1~35.

Fig. 56 Ref. No. 1~35.

Fig. 57 Ref. No. 1~24.

Fig. 58 Ref. No. 1~34.

Fig. 59 Ref. No. 1.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172472-68420	GLASS ASSY	1							
2	3	172472-68850	GLASS ASSY	1							
3	4	172472-68860	GLASS ASSY	1							
4	4	172472-68870	FLAME FRONT GLASS	1							1
5	4	172472-68880	GLASS	1							1
6	4	172437-68690	LOCK L,UPPER WINDOW	1							
7	4	172437-68710	LOCK R,UPPER WINDOW	1							
8	4	172456-69840	SCREW, M8X40	4							
9	4	172456-69990	WASHER, 8	4							
10	4	172456-68100	NUT, M8	4							
11	4	172A21-69030	CAP, NUT M8	4							
12	4	172456-69380	GRIP	2							
13	4	172456-69390	BUSH, NYLON	2							
14	4	172456-69400	PLUG	1							
15	4	172456-69410	SEAL, 780	2							
16	3	172456-69420	SPACER, NYLON	2							
17	3	172456-68800	SCREW	2							
18	3	172456-68780	WASHER	4							
19	3	172472-68910	LINK	1							
20	3	172456-69430	WASHER, NYLON	1							
21	3	172456-68800	SCREW	2							
22	3	172456-69450	SPRING, GAS	4							
23	3	172456-69460	CIRCLIP	2							
24	3	172456-68080	GUIDE	1							
25	3	172456-68090	GUIDE	1							
26	3	172437-69080	SEAL, NYLON 440	2							
27	3	172456-68950	SCREW, M6X16	4							
28	3	172456-68550	STOPPER	2							
29	3	172472-68920	GLASS ASSY	1							
30	4	172472-68930	GLASS	1							
31	4	172456-69550	LOCK L, UNDER GLASS	1							
31-1	4	172456-69551	LOCK, L UNDER GLASS	1							N
(A=MXXXXX)											
32	4	172456-69560	LOCK R, UNDER GLASS	1							
32-1	4	172456-69561	LOCK, R UNDER GLASS	1							N
(A=MXXXXX)											
33	4	172456-69570	SCREW, M5X25	4							
34	4	172472-69240	SEAL, 790	1							

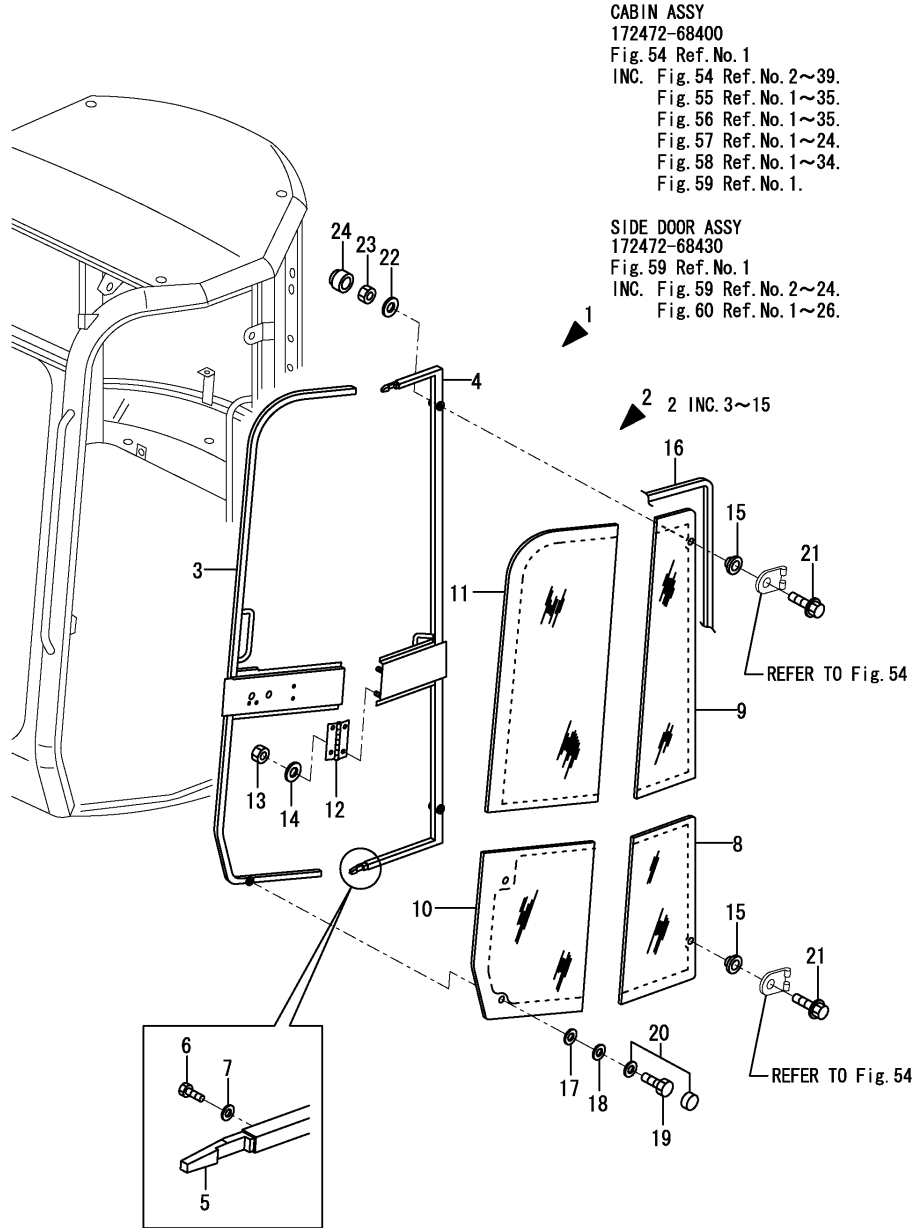
Remarks

(1)Inner parts of No.3.

Fig.59. TIM CABIN DOOR(1)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172472-68430	DOOR ASSY	1							
2	3	172472-68940	DOOR ASSY	1							
3	4	172472-68950	FRAME, FRONT	1							1
4	4	172472-68960	FRAME REAR	1							
5	4	172456-69660	BAR	2							
6	4	172456-69670	SCREW, M5X15	4							
7	4	172456-69680	WASHER	4							
8	4	172472-68970	GLASS	1							
9	4	172472-68980	GLASS	1							
10	4	172472-68990	GLASS	1							
11	4	172472-69100	GLASS	1							
12	4	172472-69110	HINGE	1							
13	4	172456-69900	NUT, M6	4							
14	4	172456-68930	WASHER	4							
15	4	172456-69690	SPACER, RUBBER	2							
16	3	172472-69250	SEAL, 4270	1							
17	3	172472-69140	SLEEVE, 9.5X50	1							
18	3	172472-69150	WASHER, 10.5X50X3	1							
19	3	172456-69250	SCREW, M10X16	1							
20	3	172456-69240	CAP, NUT	1							
21	3	172456-69920	BOLT BM12X60	2							
22	3	172456-69930	WASHER 12X22.5X2.5	2							
23	3	172456-69940	NUT, M12	2							
24	3	172456-69950	CAP, 12	2							
25A	1	172458-03601	LABEL, DOOR LOCK	1							W 2
				(A=M/#30827)							

Remarks
 (1) Attach the No.25A label to this part.
 (2) Label is not illustrated.

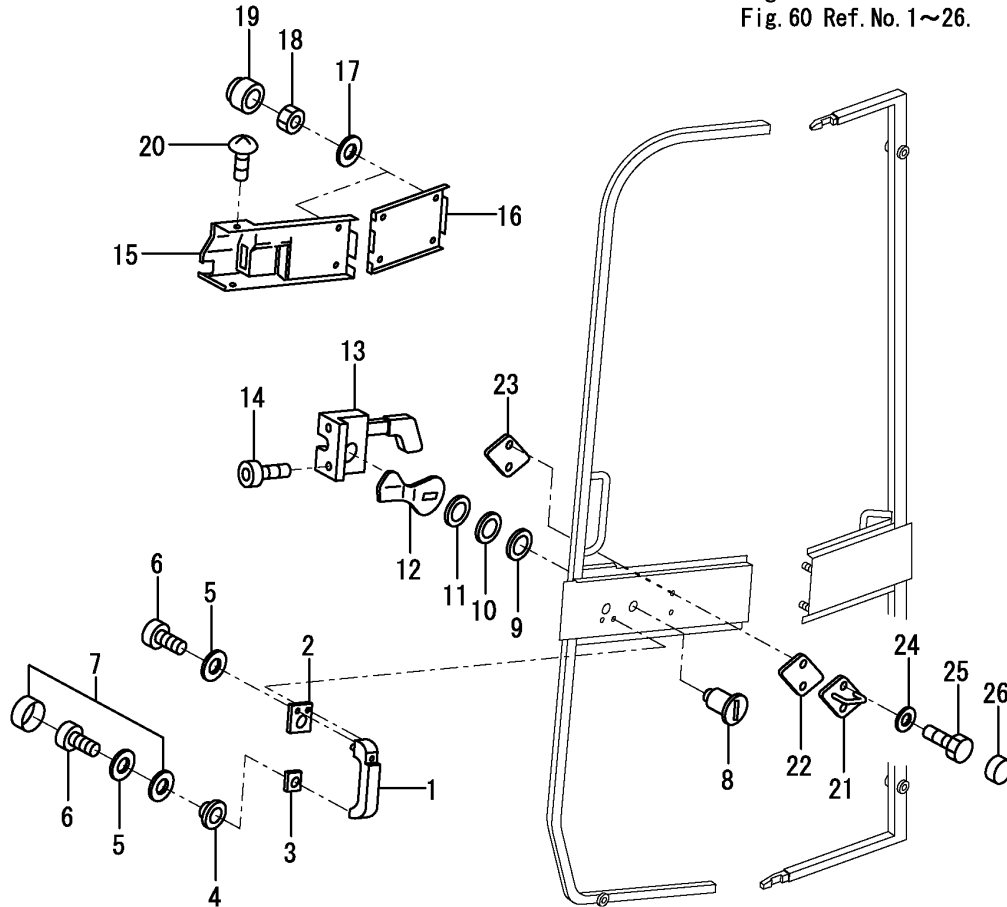
Fig.60. TIM CABIN DOOR(2)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CABIN ASSY
 172472-68400
 Fig. 54 Ref. No. 1
 INC. Fig. 54 Ref. No. 2~39.
 Fig. 55 Ref. No. 1~35.
 Fig. 56 Ref. No. 1~35.
 Fig. 57 Ref. No. 1~24.
 Fig. 58 Ref. No. 1~34.
 Fig. 59 Ref. No. 1.

SIDE DOOR ASSY
 172472-68430
 Fig. 59 Ref. No. 1
 INC. Fig. 59 Ref. No. 2~24.
 Fig. 60 Ref. No. 1~26.

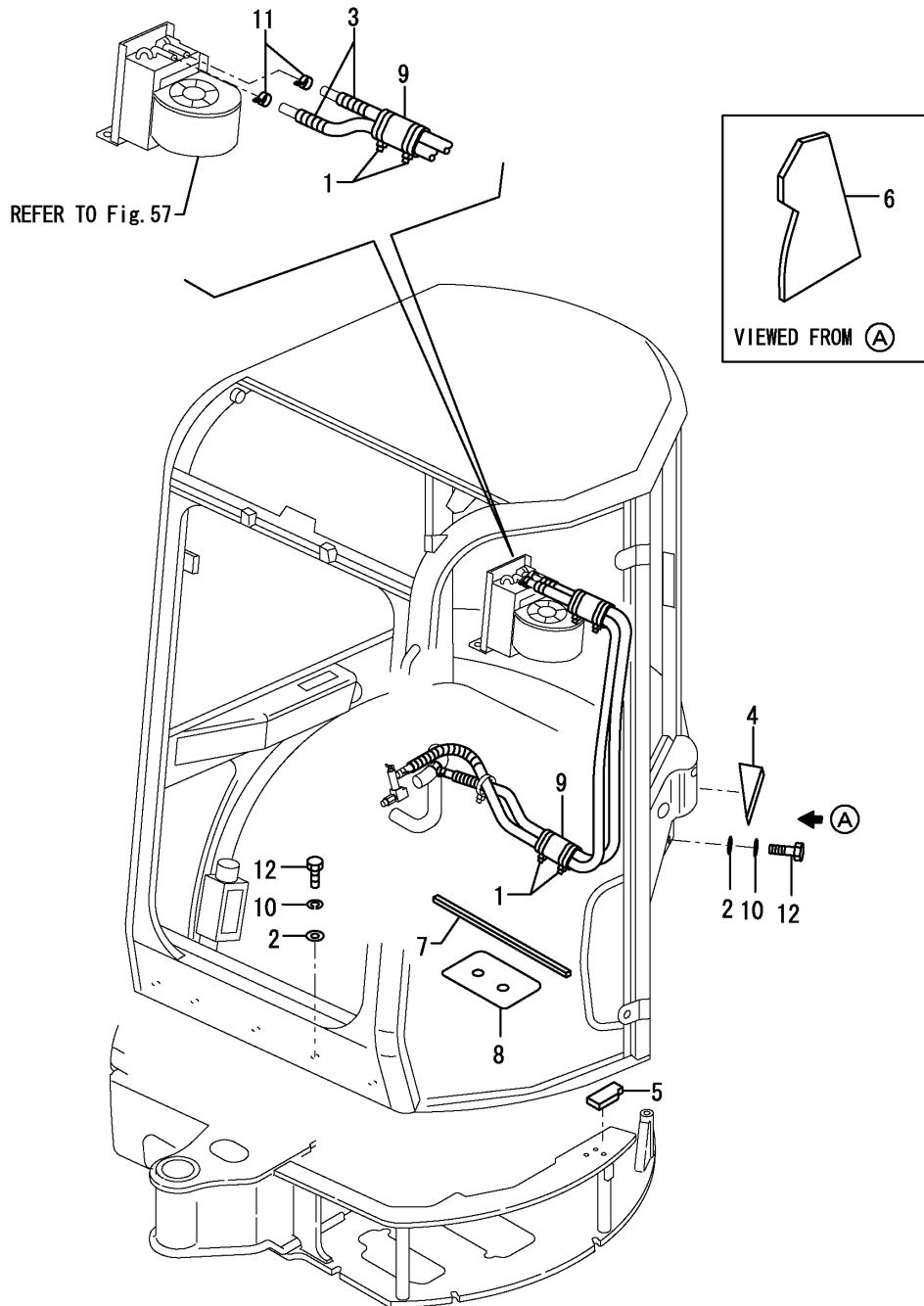


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172456-69720	HANDLE, OUTER	1							
2	3	172456-69730	SOLE, HANDLE	1							
3	3	172456-69740	SOLE, HANDLE	1							
4	3	172456-69750	SPACER, PLASTIC	1							
5	3	172456-69760	WASHER, 8X19X1.5	3							
6	3	172456-69770	SCREW, M6X20	3							
7	3	172456-69240	CAP, NUT	1							
8	3	172456-69780	LOCK, KEY	1							
9	3	172456-69790	SPACER, BOLT	1							
10	3	172456-69800	WASHER	1							
11	3	172456-69810	BRACE, BOLT	1							
12	3	172456-69820	LOCK, BOLT	1							
13	3	172456-69830	LOCK ASSY	1							
14	3	172456-69840	SCREW, M8X40	2							
15	3	172472-69120	COVER	1							
16	3	172472-69130	COVER	1							
17	3	172456-68930	WASHER	6							
18	3	172456-69900	NUT, M6	6							
19	3	172456-69910	CAP, NUT M6	6							
20	3	172456-68670	RIVET 3.2X8	2							
21	3	172472-69160	CATCH	1							
22	3	172472-69170	SPACER	1							
23	3	172472-69180	MOUNT	1							
24	3	172472-69190	WASHER, 8.4X16X1.6	2							
25	3	172437-68250	BOLT M8X25	2							
26	3	172A21-69030	CAP, NUT M8	2							

Fig.61. TIM CABIN(HEATER HOSE & CABIN SET BOLT)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2							
2	1	172165-13220	WASHER	13							
3	1	172312-17650	TUBE, CORRUGATED	2							
4	1	172460-61960	SEAL	1							
5	1	172458-63350	SPONGE	1							
6	1	172458-63360	SHEET	1							
7	1	172458-63480	SEAL, SPONGE	1							
8	1	172458-63580	SPACER	1							
9	1	172458-63640	SPONGE, HOSE	2							
10	1	22217-120000	WASHER, SPRING 12	13							
11	1	23000-022000	CLAMP, 22	2							
12	1	26076-120402	BOLT, 10.912X 40	13							

Fig.62. CANOPY

(A)=VIO27-3 C(US)

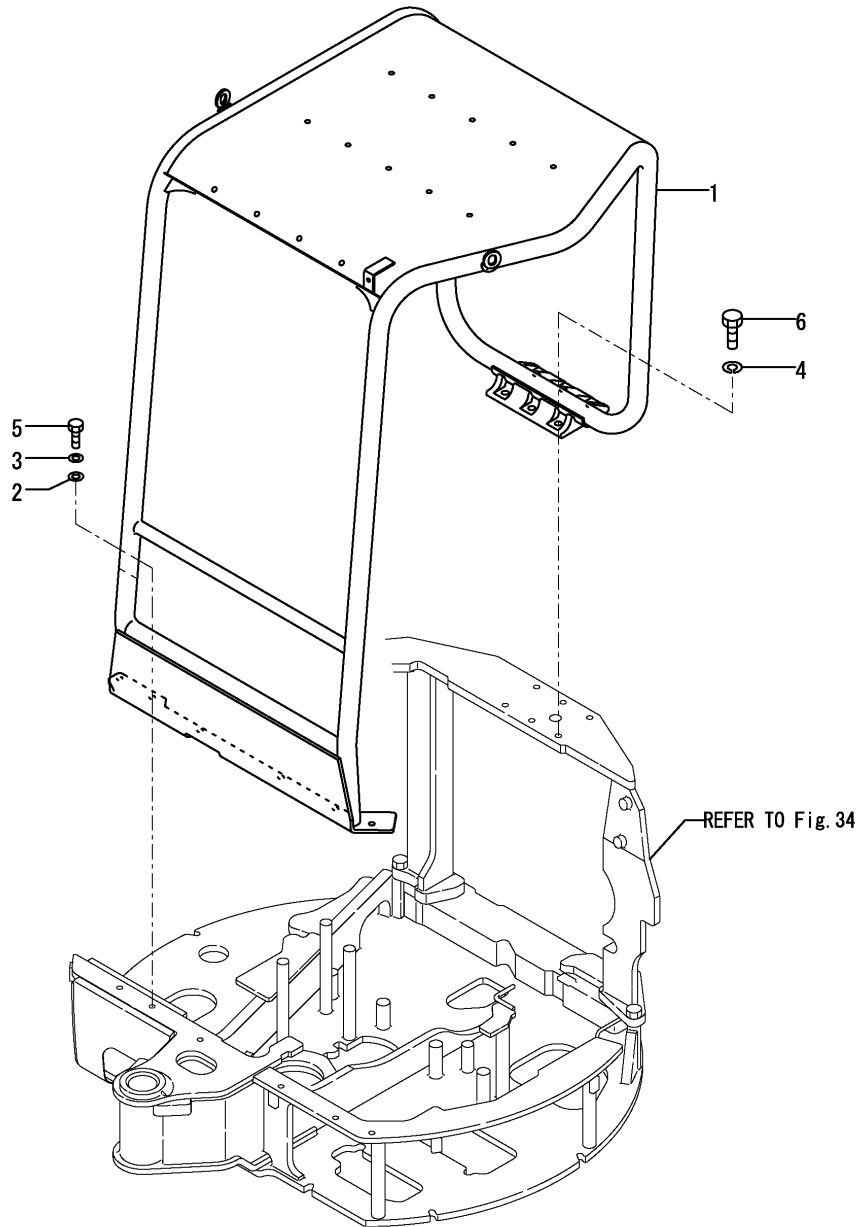
(B)=VIO27-3 P(US)

(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)

(E)=VIO27-3 C(NZ)

(F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-66300	CANOPY ASSY, ROPS				1		1		1
2	1	172149-66550	WASHER		6		6		6		
3	1	22217-120000	WASHER, SPRING 12		6		6		6		
4	1	22217-160000	WASHER, SPRING 16		6		6		6		
5	1	26076-120402	BOLT, 10.912X 40		6		6		6		
6	1	26076-160402	BOLT, 10.916X 40		6		6		6		
7A	1	172490-03200	LABEL, OPERATION				1		1		2
7B	1	172472-03222	LABEL, LIFT Q US				1		1		2
7B-1	1	172472-03223	LABEL, LIFT Q US				1		1	N	2
7C	1	172437-03310	LABEL, SLOPE	(D=M/#30778)			1		1		2
7C-1	1	172437-03311	LABEL, SLOPE US				1		1	N	2
7C-2	1	172437-03312	LABEL, SLOPE	(D=M/#30778)			1		1	N	2
7D	1	172437-03341	LABEL, TRANSPORT	(D=M/#31112)			1		1		2
7D-1	1	172437-03342	LABEL, TRANSPORT US				1		1	N	2
7D-2	1	172437-03343	LABEL, TRANSPORT	(D=M/#30778)			1		1	N	2
7E	1	172437-03371	LABEL	(D=M/#31282)			1		1		2
7E-1	1	172437-03372	LABEL, NEUTRAL				1		1	N	2
7F	1	172437-03440	LABEL, ROPS	(D=M/#30778)			1		1		2
7F-1	1	172437-03441	LABEL, ROPS				1		1	N	2
7G	1	172437-03450	LABEL, SEAT BELT	(D=M/#30778)			1		1		2
7G-1	1	172437-03451	LABEL, SEAT BELT				1		1	N	2
7H	1	172437-03600	LABEL	(D=M/#30778)			1		1		2
7H-1	1	172437-03601	LABEL, 2-WAY US				1		1	N	2

Remarks

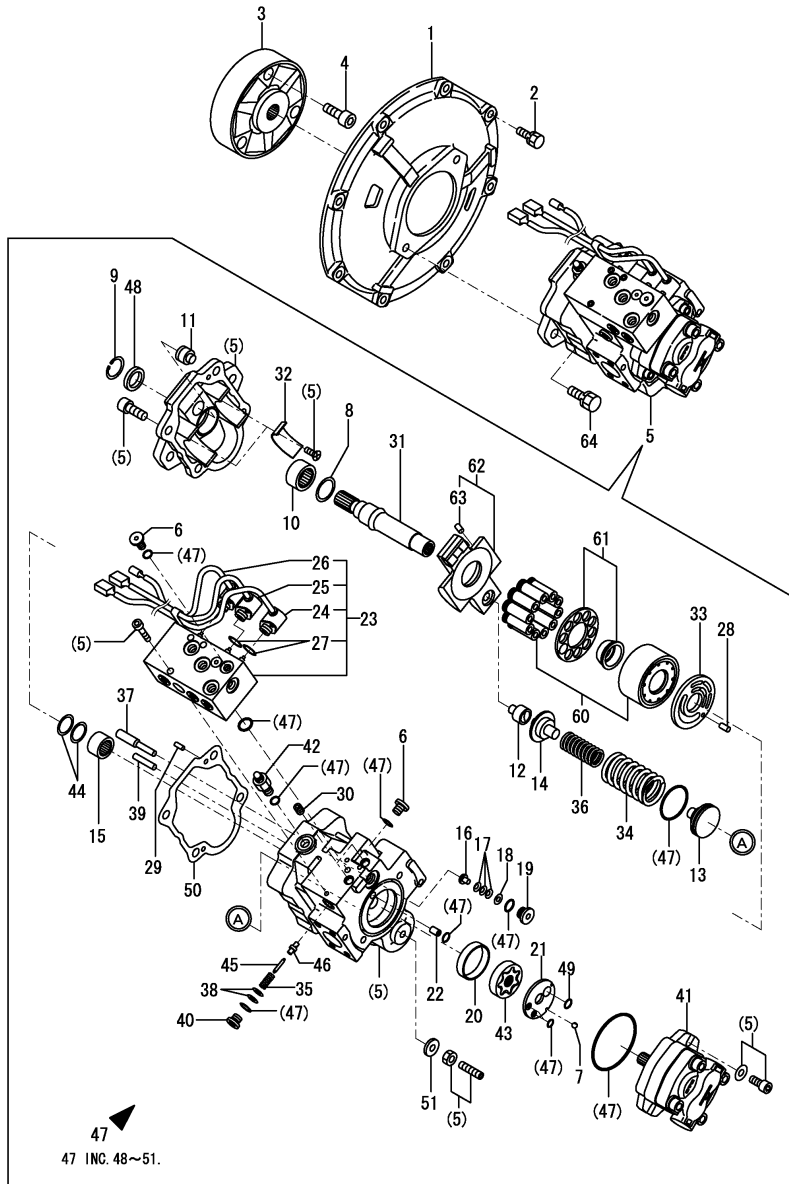
(1) Attach the No.7A, 7B, 7C, 7D, 7E, 7F, 7G & 7H label to this part.

(2) Label is not illustrated.

Fig.63. HYDRAULIC PUMP & JOINT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1	1	1	1	1		
2	1	26013-100302	BOLT, M10X 30	8	8	8	8	8	8		
3	1	172165-71200	COUPLING	1	1	1	1	1	1		
4	1	26450-120402	BOLT, M12X 40	3	3	3	3	3	3		
5	1	172957-73501	PUMP ASSY	1	1	1	1	1	1		
6	2	172148-70301	PLUG	2	2	2	2	2	2		
7	2	172122-70350	BALL, STEEL	1	1	1	1	1	1		
8	2	172460-73160	WASHER, THRUST	1	1	1	1	1	1		
9	2	172460-73180	RING, SNAP	1	1	1	1	1	1		
10	2	172460-73200	BEARING, NEEDLE	1	1	1	1	1	1		
11	2	172460-73220	STOPPER	1	1	1	1	1	1		
12	2	172460-73240	HOLDER	1	1	1	1	1	1		
13	2	172461-73270	SEAT, SPRING	1	1	1	1	1	1		
14	2	172176-73290	SEAT, SPRING	1	1	1	1	1	1		
15	2	172460-73330	BEARING, NEEDLE	1	1	1	1	1	1		
16	2	172460-73340	STOPPER	1	1	1	1	1	1		
17	2	172460-73350	SPRING, DISK	3	3	3	3	3	3		
18	2	172460-73360	WASHER	1	1	1	1	1	1		
19	2	172460-73370	PLUG	1	1	1	1	1	1		
20	2	172460-73380	BUSH	1	1	1	1	1	1		
21	2	172460-73390	PLATE	1	1	1	1	1	1		
22	2	172460-73420	PIN	1	1	1	1	1	1		
23	2	172960-73430	VALVE	1	1	1	1	1	1		
24	3	172460-73900	VALVE, SOLENOID	1	1	1	1	1	1		1
25	3	172460-73910	VALVE, SOLENOID	1	1	1	1	1	1		2
26	3	172460-73920	VALVE, SOLENOID	1	1	1	1	1	1		3
27	3	24352-190110	O-RING, 219011	3	3	3	3	3	3		
28	2	172122-73480	PIN	1	1	1	1	1	1		
29	2	172122-73480	PIN	2	2	2	2	2	2		
30	2	172452-73480	PLUG	6	6	6	6	6	6		
31	2	172457-73510	SHAFT	1	1	1	1	1	1		
32	2	172457-73530	BUSHING	2	2	2	2	2	2		
33	2	172457-73540	VALVE PLATE	1	1	1	1	1	1		
34	2	172457-73550	SPRING	1	1	1	1	1	1		
35	2	172176-73560	SPRING	1	1	1	1	1	1		
36	2	172457-73560	SPRING	1	1	1	1	1	1		
37	2	172457-73580	PIN	1	1	1	1	1	1		
38	2	172176-73590	SHIM	2	2	2	2	2	2		
39	2	172457-73590	PIN	1	1	1	1	1	1		
40	2	172176-73600	PLUG	1	1	1	1	1	1		
41	2	172457-73600	PUMP, GEAR	1	1	1	1	1	1		
42	2	172176-73690	BREEDER, AIR	1	1	1	1	1	1		
43	2	172176-73880	PUMP ASSY, TROCHOID	1	1	1	1	1	1		
44	2	172176-73910	WASHER, THRUST	2	2	2	2	2	2		
45	2	172176-73930	PIN	1	1	1	1	1	1		
46	2	172176-73940	POPPET	1	1	1	1	1	1		
47	2	172457-73611	SEAL SET	1	1	1	1	1	1		
48	3	172460-73190	SEAL, OIL	1	1	1	1	1	1		
49	3	172460-73400	O-RING	1	1	1	1	1	1		
50	3	172457-73520	GASKET	1	1	1	1	1	1		
51	3	172457-73570	SEAL WASHER	1	1	1	1	1	1		

Remarks

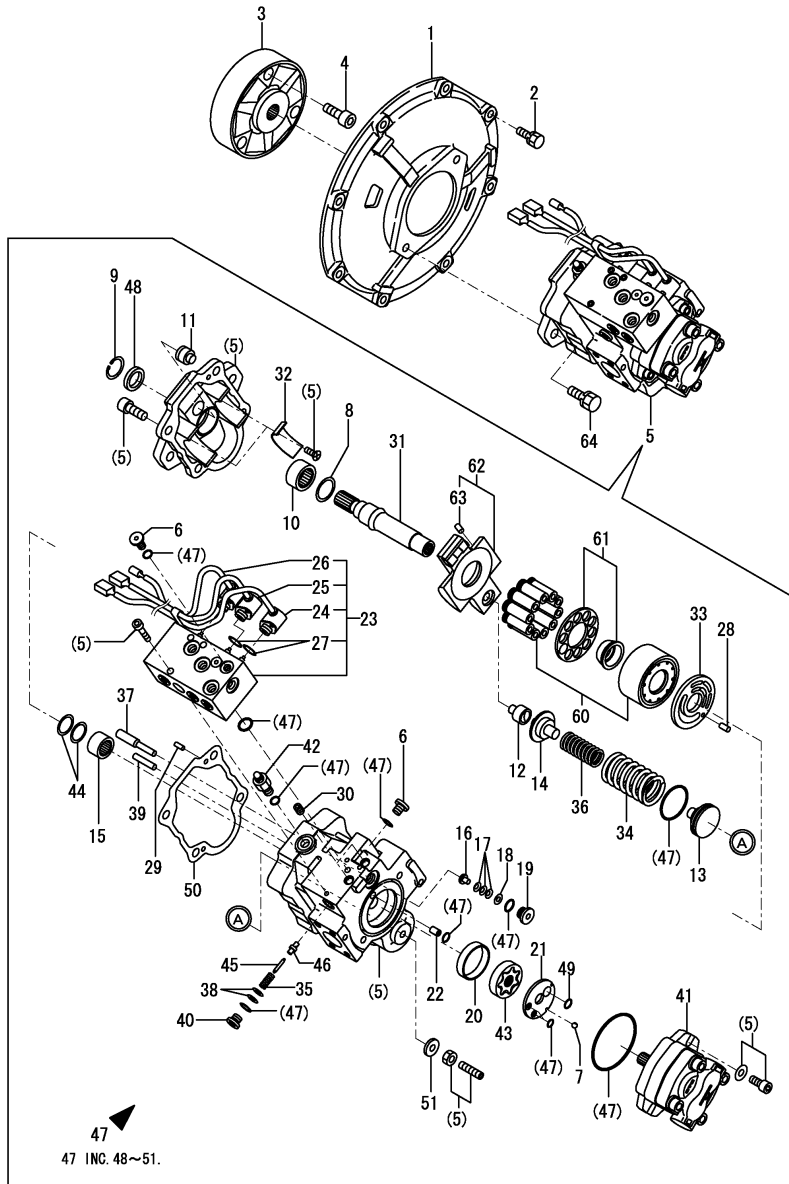
- (1)For safety lock.
- (2)For second gear traveling.
- (3)For quick coupler.

Fig.63. HYDRAULIC PUMP & JOINT

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	2	172457-73620	BLOCK KIT, CYLINDER	1	1	1	1	1	1		
61	2	172457-73630	RETAINER KIT	1	1	1	1	1	1		
62	2	172457-73640	SWASH PLATE S/A	1	1	1	1	1	1		
63	3	172312-74790	ORIFICE	1	1	1	1	1	1		
64	1	26013-120352	BOLT, M12X 35	2	2	2	2	2	2		



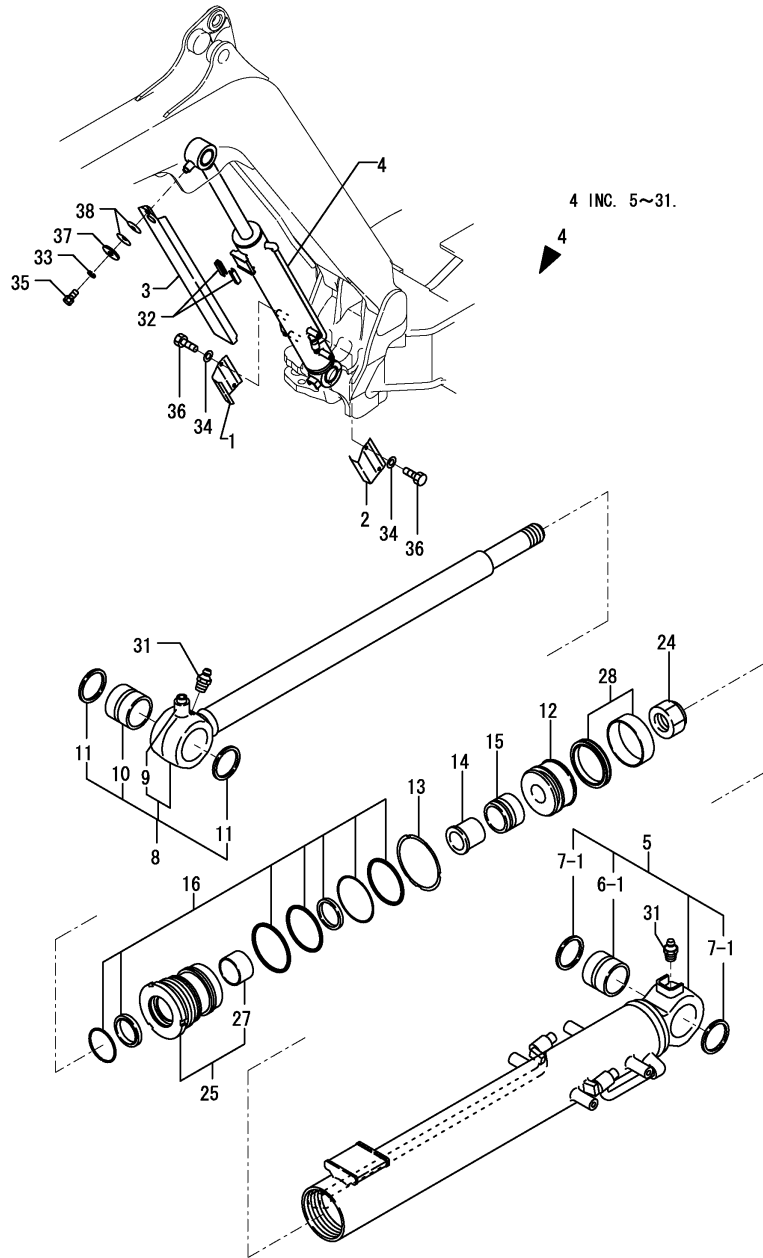
Remarks

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

Fig.64. BOOM CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



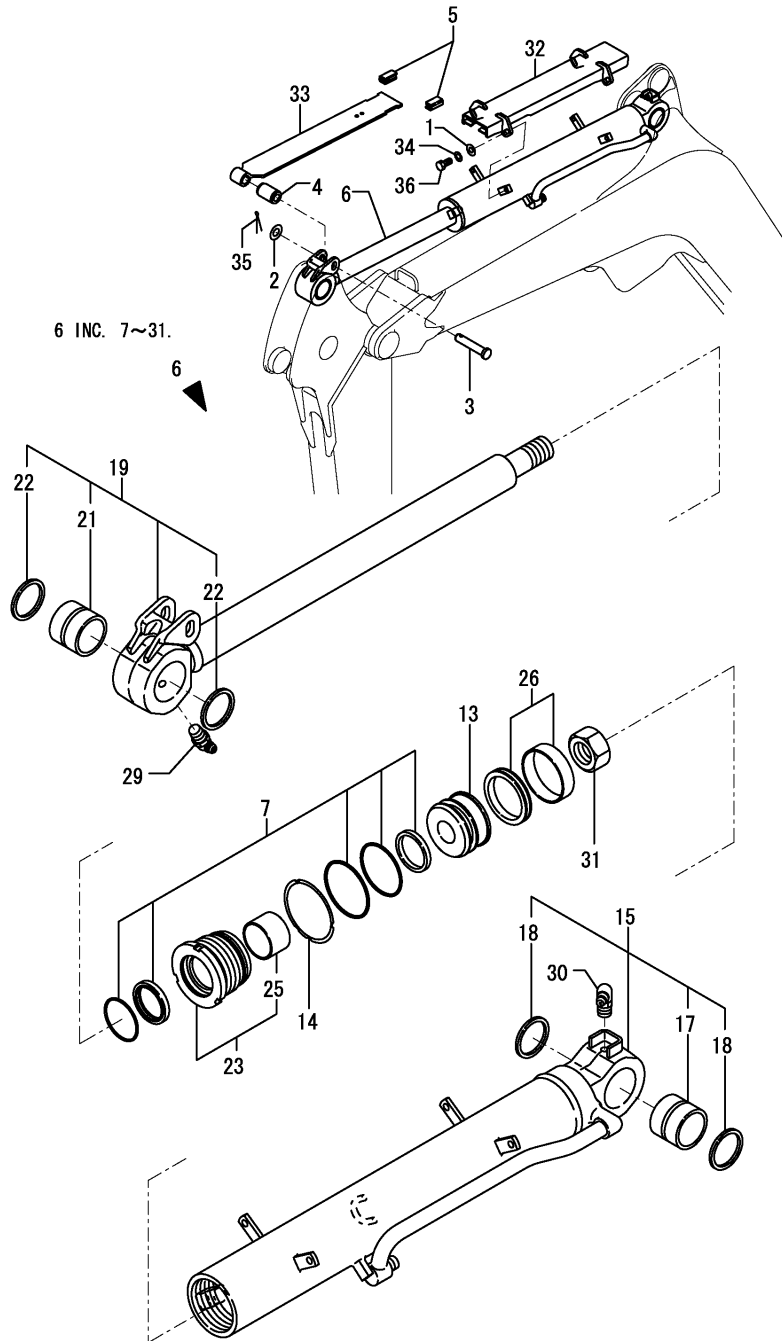
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-72230-1	COVER ASSY, CYLINDER	1	1	1	1	1	1		
2	1	172457-72240-1	COVER, CYLINDER	1	1	1	1	1	1		
3	1	172458-72270-1	COVER, SLIDE	1	1	1	1	1	1		
4	1	172457-72400-1	CYLINDER ASSY, BOOM	1	1	1	1	1	1		
5	2	172457-72250-1	TUBE ASSY, BOOM	1	1	1	1	1	1		
6-1	3	172458-72130	BUSH	1	1	1	1	1	1		
7-1	3	172165-81760	SEAL, DUST 50X60X4	2	2	2	2	2	2		
8	2	172457-72260	ROD ASSY,BOOM	1	1	1	1	1	1		
9	4	172165-72161	NUT	1	1	1	1	1	1		1
10	3	172168-72400	BUSH 45X55X40	1	1	1	1	1	1		
11	3	172168-81410	SEAL, DUST	2	2	2	2	2	2		
12	2	172457-72180	PISTON	1	1	1	1	1	1		
13	2	172141-72190	WASHER, LOCK	1	1	1	1	1	1		
14	2	172457-72190	COLLAR, 27 38	1	1	1	1	1	1		
15	2	172457-72200	PLUNGER 50,CUSHON	1	1	1	1	1	1		
16	2	172457-72221	SEAL SET, HEAD	1	1	1	1	1	1		
24	2	172141-72250	NUT	1	1	1	1	1	1		
25	2	172457-72411	HEAD ASSY	1	1	1	1	1	1		
27	3	24550-040300	BUSH, 40X30	1	1	1	1	1	1		
28	2	172444-72961	SEAL SET, 75 40	1	1	1	1	1	1		
30-1	3	172960-72561	GASKET	1	1	1	1	1	1		N
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#32523)	(E=M/#32523)	(F=M/#35253)				
31	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
32	1	172186-72480	GUIDE, SLIDE	2	2	2	2	2	2		
33	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
34	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
35	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1	1	1		
36	1	26116-100162	BOLT, M10X 16 PLATED	4	4	4	4	4	4		
37	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1	1	1		
38	1	933168-14170	SPRING	2	2	2	2	2	2		

Remarks
 (1)Welded parts.

Fig.65. ARM CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

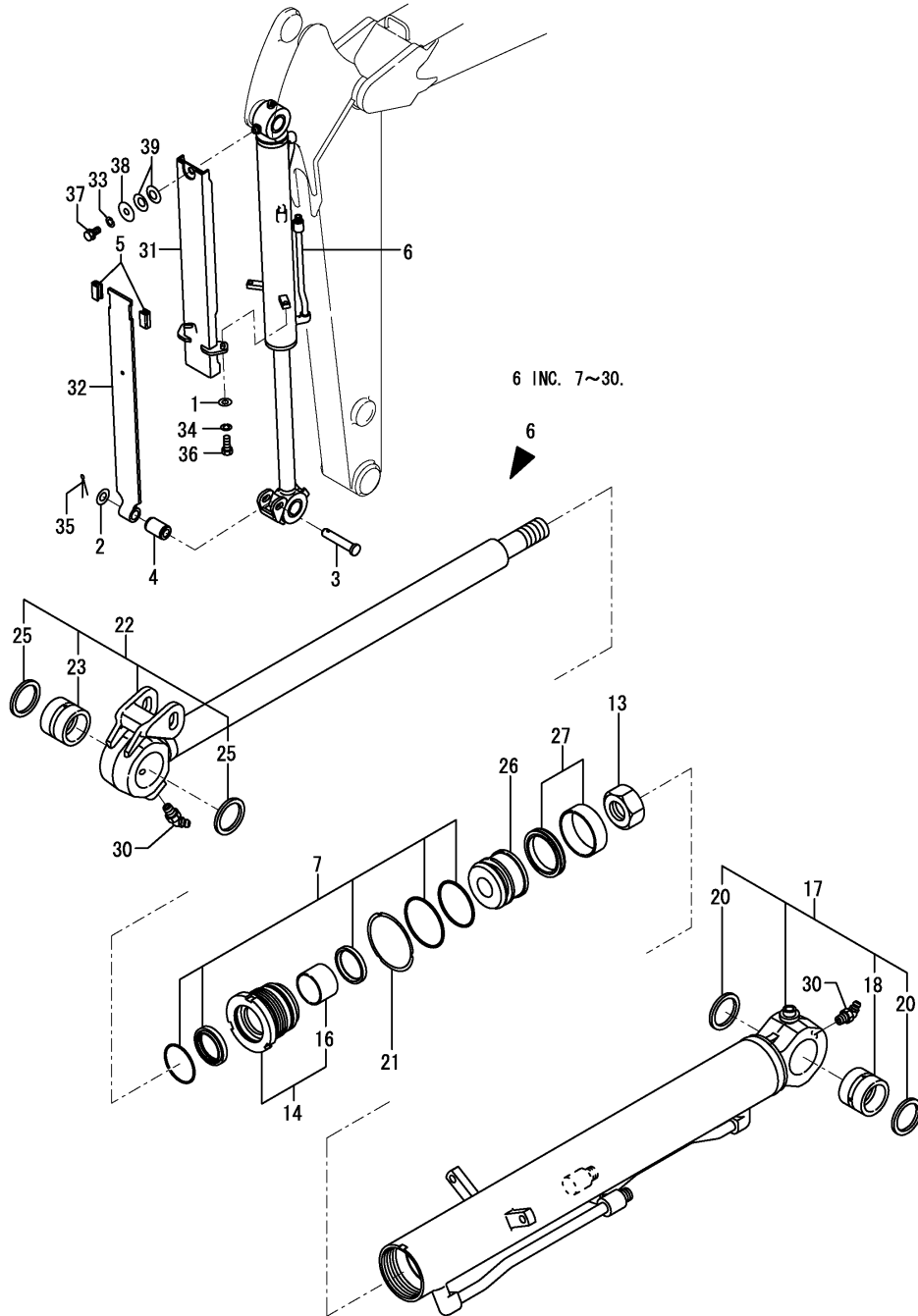


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	4	4	4	4	4	4		
1-1	1	172137-46041	SEAT, SPRING	4	4	4	4	4	4		N
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#35253)	(E=M/#35253)	(F=M/#35253)				
2	1	172A23-72020	WASHER	1	1	1	1	1	1		
3	1	172A23-72042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

Fig.66. BUCKET CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

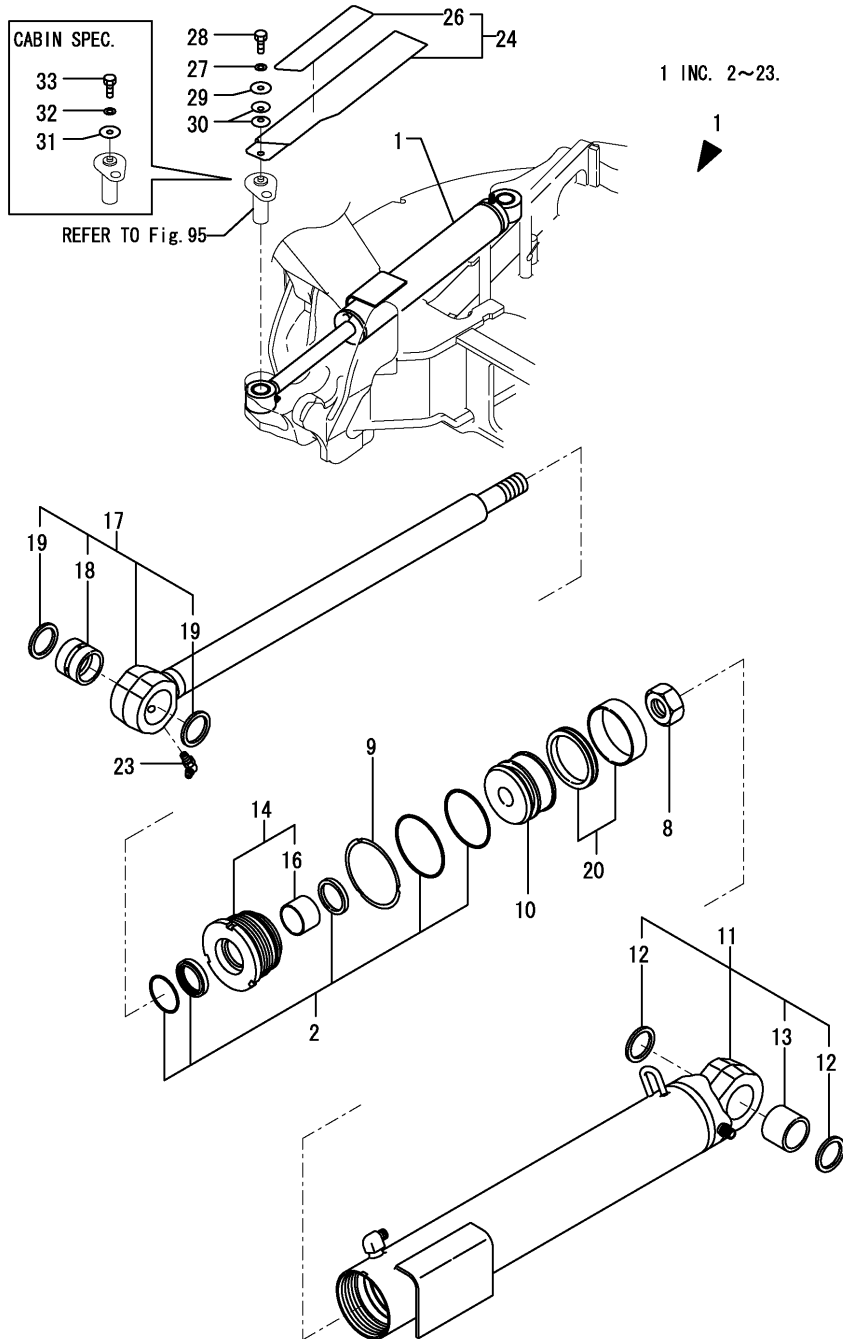


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	2	2	2	2	2	2		
1-1	1	172137-46041	SEAT, SPRING	2	2	2	2	2	2		N
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#35253)	(E=M/#35253)	(F=M/#35253)				
2	1	172A23-72020	WASHER	1	1	1	1	1	1		
3	1	172A23-72042	PIN	1	1	1	1	1	1		
4	1	172A23-72050	GROMMET	1	1	1	1	1	1		
5	1	172A23-72081	GUIDE, SLIDE	2	2	2	2	2	2		
6	1	172A25-72500-1	CYLINDER ASSY	1	1	1	1	1	1		
7	2	172458-72030	SEAL SET, HEAD	1	1	1	1	1	1		
13	2	172141-72250	NUT	1	1	1	1	1	1		
14	2	172142-72510	HEAD ASSY	1	1	1	1	1	1		
16	3	24550-040300	BUSH, 40X30	1	1	1	1	1	1		
17	2	172A25-72520-1	TUBE, BUCKET	1	1	1	1	1	1		
18	3	172168-72240	BUSH	1	1	1	1	1	1		
20	3	172168-81270	SEAL, DUST	2	2	2	2	2	2		
21	2	172142-72560	WASHER, LOCK	1	1	1	1	1	1		
22	2	172A25-72580	ROD ASSY, BUCKET	1	1	1	1	1	1		
23	3	172168-72240	BUSH	1	1	1	1	1	1		
25	3	172168-81270	SEAL, DUST	2	2	2	2	2	2		
26	2	172148-72791	PISTON	1	1	1	1	1	1		
27	2	172148-72941	SEAL SET, PISTON	1	1	1	1	1	1		
30	2	24761-040000	NIPPLE, GREASE B	2	2	2	2	2	2		
31	1	172A25-72900-1	GUIDE ASSY	1	1	1	1	1	1		
32	1	172A25-72950-1	PLATE, SLIDE	1	1	1	1	1	1		
33	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
34	1	22217-100000	WASHER, SPRING 10	2	2	2	2	2	2		
35	1	22417-500250	PIN, COTTER 5.0X25	1	1	1	1	1	1		
36	1	26076-100202	BOLT, 10.910X 20	2	2	2	2	2	2		
37	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1	1	1		
38	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1	1	1		
39	1	933168-14170	SPRING	2	2	2	2	2	2		

Fig.67. SWING CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

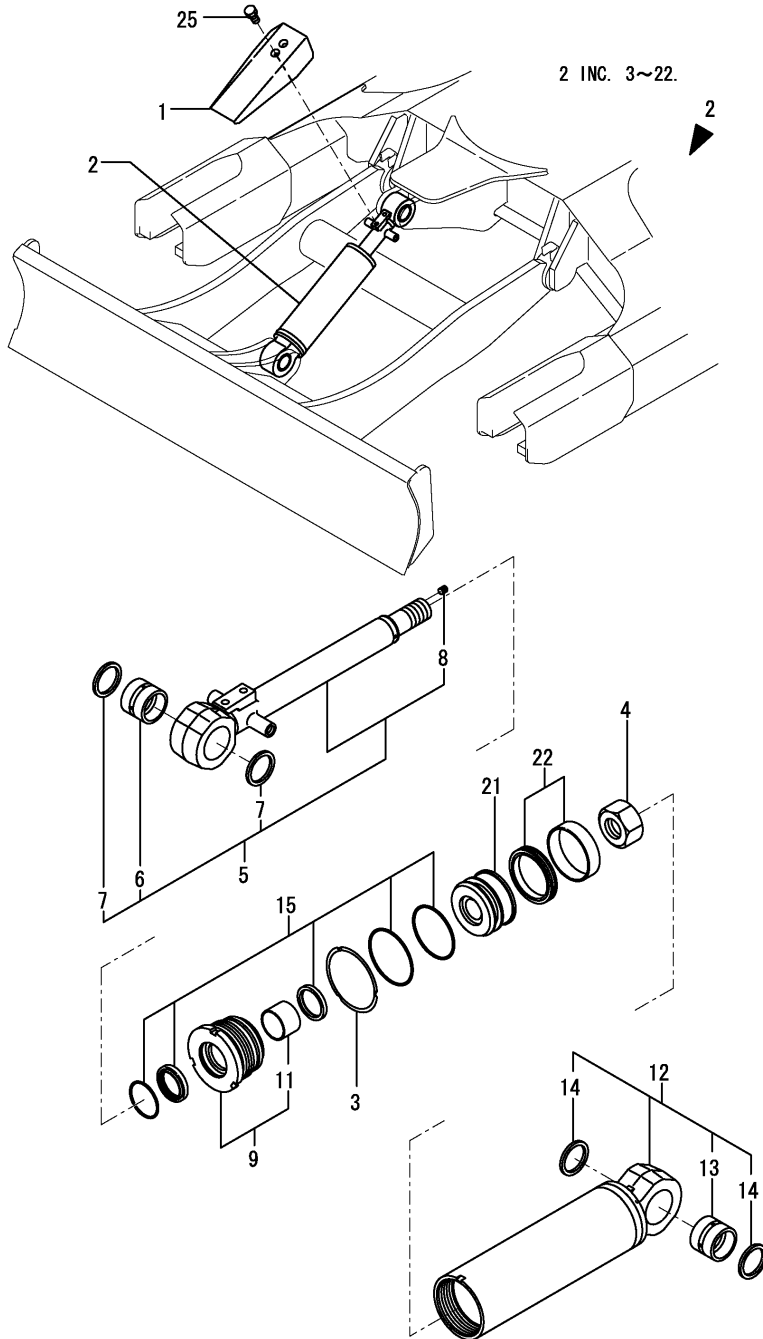


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-72700-1	CYLINDER ASSY, SWING	1	1	1	1	1	1		
2	2	172458-72050	SEAL SET, HEAD	1	1	1	1	1	1		
8	2	172141-72250	NUT	1	1	1	1	1	1		
9	2	172142-72260	WASHER, LOCK	1	1	1	1	1	1		
10	2	172175-72480	PISTON 80	1	1	1	1	1	1		
11	2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

Fig.68. BLADE CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

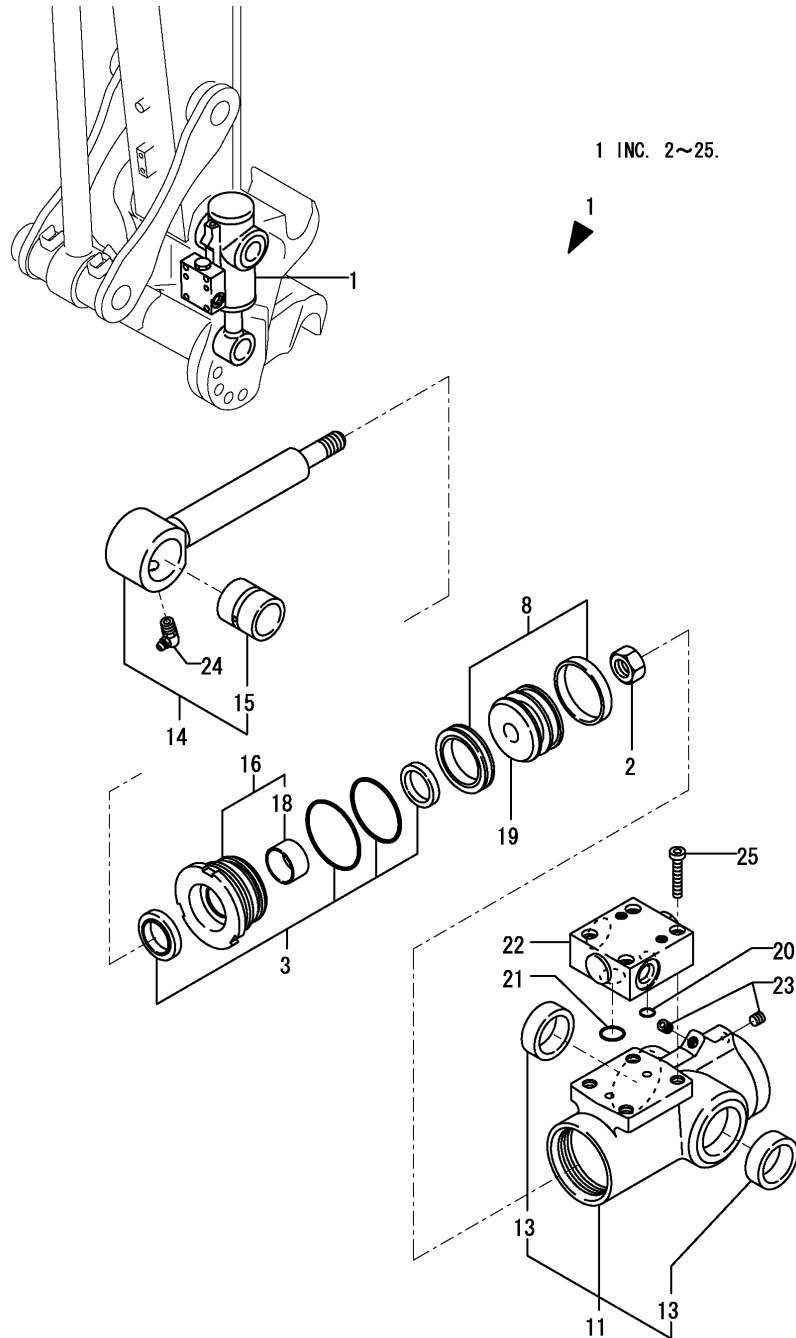


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-72790-3	COVER, BLADE	1	1	1	1	1	1		
2	1	172457-72900-1	CYLINDER, BLADE	1	1	1	1	1	1		
3	2	172141-72190	WASHER, LOCK	1	1	1	1	1	1		
4	2	172175-72550	NUT	1	1	1	1	1	1		
5	2	172458-72690	ROD ASSY, BLADE	1	1	1	1	1	1		
6	3	172168-72410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

Fig.69. HITCH CYLINDER

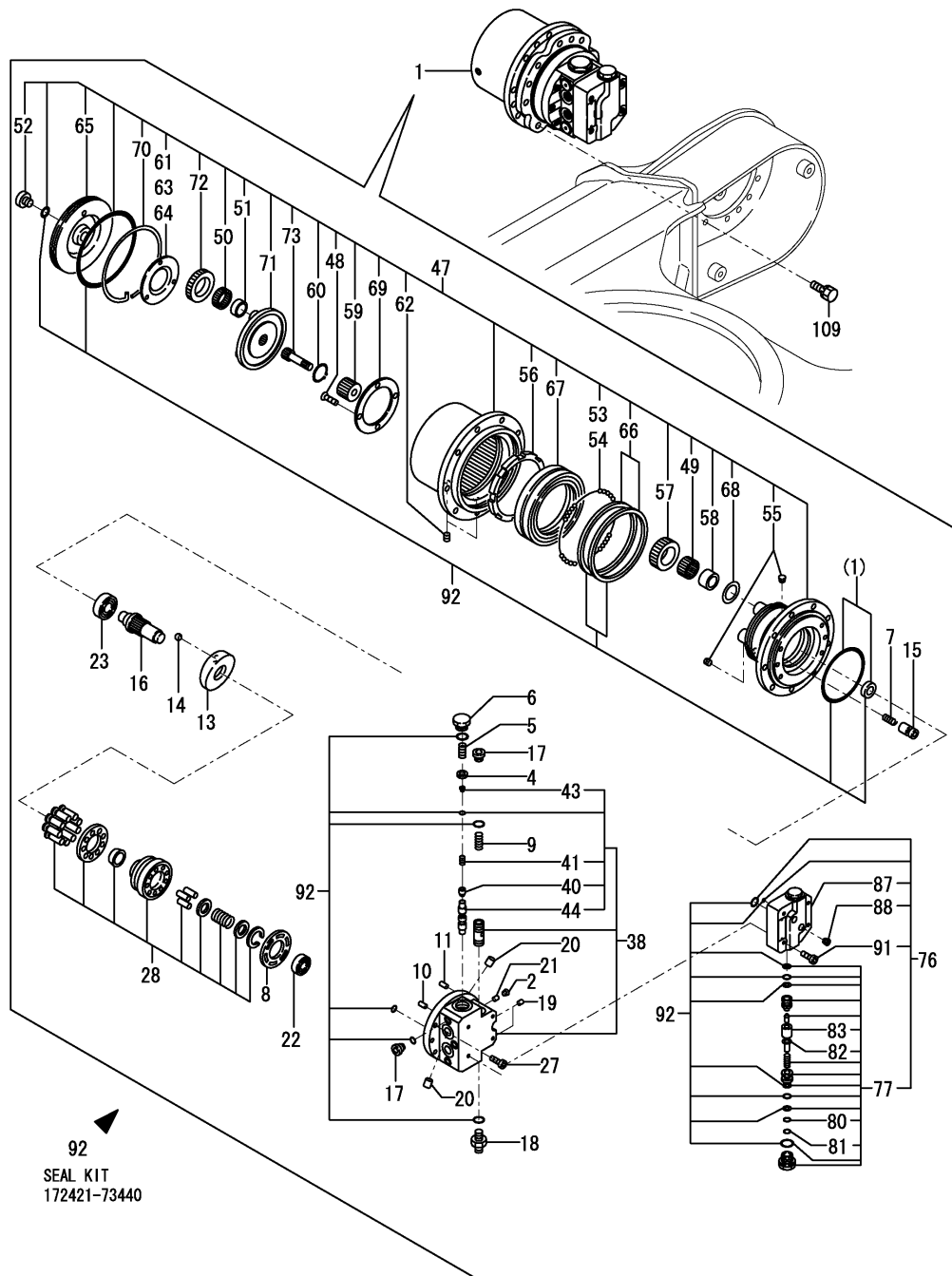
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-72801-1	CYLINDER ASSY, HITCH	1	1	1	1	1	1		
2	2	172156-72400	NUT	1	1	1	1	1	1		
3	2	172958-72760	SEAL SET, HEAD	1	1	1	1	1	1		
8	2	172958-72770	SEAL SET, PISTON	1	1	1	1	1	1		
11	2	172958-72811	TUBE, HITCH	1	1	1	1	1	1		
13	3	172958-72970	BUSH	2	2	2	2	2	2		
14	2	172958-72750	ROD ASSY, HITCH	1	1	1	1	1	1		
15	3	172156-72770	BUSH, PIN	1	1	1	1	1	1		
16	2	172958-72860	HEAD ASSY	1	1	1	1	1	1		
18	3	24550-025150	BUSH, 25X15	1	1	1	1	1	1		
19	2	172958-72890	PISTON	1	1	1	1	1	1		
20	2	172958-72950	O-RING	1	1	1	1	1	1		
21	2	172958-72960	O-RING	1	1	1	1	1	1		
22	2	172958-72982-1	VALVE, CHECK	1	1	1	1	1	1		
23	2	23871-005000	PLUG, R005	2	2	2	2	2	2		
24	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
25	2	26450-060352	BOLT, M6X 35	4	4	4	4	4	4		

Fig.70. TRAVEL MOTOR



92
SEAL KIT
172421-73440

(A)=VIO27-3 C(US)
(B)=VIO27-3 P(US)
(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
(E)=VIO27-3 C(NZ)
(F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-73700-1	MOTOR ASSY, TRAVEL	2	2	2	2	2	2		
2	2	172147-70220	PLUG	4	4	4	4	4	4		
4	2	172141-70450	SEAT, SPRING	4	4	4	4	4	4		
5	2	172141-70460	SPRING	4	4	4	4	4	4		
6	2	172141-70470	CAP	4	4	4	4	4	4		
7	2	172168-71950	SPRING	4	4	4	4	4	4		
8	2	172638-73330	PLATE, VALVE	2	2	2	2	2	2		
9	2	172421-73400	SPRING	2	2	2	2	2	2		
10	2	172122-73470	PIN	2	2	2	2	2	2		
11	2	172122-73480	PIN	4	4	4	4	4	4		
13	2	172450-73500	PLATE, SWASH	2	2	2	2	2	2		
14	2	172450-73510	BALL, STEEL	4	4	4	4	4	4		
15	2	172450-73550	PISTON ASSY	4	4	4	4	4	4		
16	2	172183-73670	SHAFT	2	2	2	2	2	2		
17	2	172183-73770	PLUG	6	6	6	6	6	6		
18	2	172183-73780	PLUG	2	2	2	2	2	2		
19	2	172183-73870	PLUG	8	8	8	8	8	8		
20	2	172312-74790	ORIFICE	4	4	4	4	4	4		
21	2	172312-74790	ORIFICE	8	8	8	8	8	8		
22	2	24101-060024	BEARING, BALL 6002	2	2	2	2	2	2		
23	2	24101-060044	BEARING, BALL 6004	2	2	2	2	2	2		
27	2	26450-080202	BOLT, M8X 20	12	12	12	12	12	12		
28	2	172450-73620	BLOCK KIT, CYLINDER	2	2	2	2	2	2		
38	2	172421-73450	BASE PLATE ASSY	2	2	2	2	2	2		
40	4	172141-70410	VALVE, CHECK	4	4	4	4	4	4		
41	4	172141-70420	SPRING	4	4	4	4	4	4		
43	4	172421-73380	PLUG	4	4	4	4	4	4		
44	4	172183-73730	PLUNGER	2	2	2	2	2	2		
47	2	172457-73720	GEAR, REDUCTION	2	2	2	2	2	2		
48	3	172141-70110	SCREW	8	8	8	8	8	8		
49	3	172147-70120	GAUGE ASSY	8	8	8	8	8	8		
50	3	172141-70150	GAUGE, W/ROLLER	6	6	6	6	6	6		
51	3	172141-70160	RACE, INNER	6	6	6	6	6	6		
52	3	172148-70301	PLUG	4	4	4	4	4	4		
53	3	172122-70350	BALL, STEEL	198	198	198	198	198	198		
54	3	172122-70350	BALL, STEEL	20	20	20	20	20	20		
55	3	172450-73330	PLUG	4	4	4	4	4	4		
56	3	172456-73350	NUT, RING	2	2	2	2	2	2		
57	3	172456-73360	GEAR, PLANETARY	8	8	8	8	8	8		
58	3	172456-73370	INNER RACE	8	8	8	8	8	8		
59	3	172456-73380	GEAR, SUN	2	2	2	2	2	2		
60	3	172456-73390	SNAP RING	2	2	2	2	2	2		
61	3	172456-73420	THRUST PLATE	2	2	2	2	2	2		
62	3	172122-73430	PLUG	4	4	4	4	4	4		
63	3	172456-73430	THRUST PLATE	2	2	2	2	2	2		
64	3	172456-73440	THRUST PLATE	2	2	2	2	2	2		
65	3	172456-73450	COVER	2	2	2	2	2	2		
66	3	172183-73510	SEAL, FLOATING	2	2	2	2	2	2		
67	3	172183-73520	BEARING	2	2	2	2	2	2		
68	3	172183-73560	WASHER, THRUST	8	8	8	8	8	8		
69	3	172183-73570	PLATE, THRUST	2	2	2	2	2	2		

Fig.70. TRAVEL MOTOR

(A)=VIO27-3 C(US)

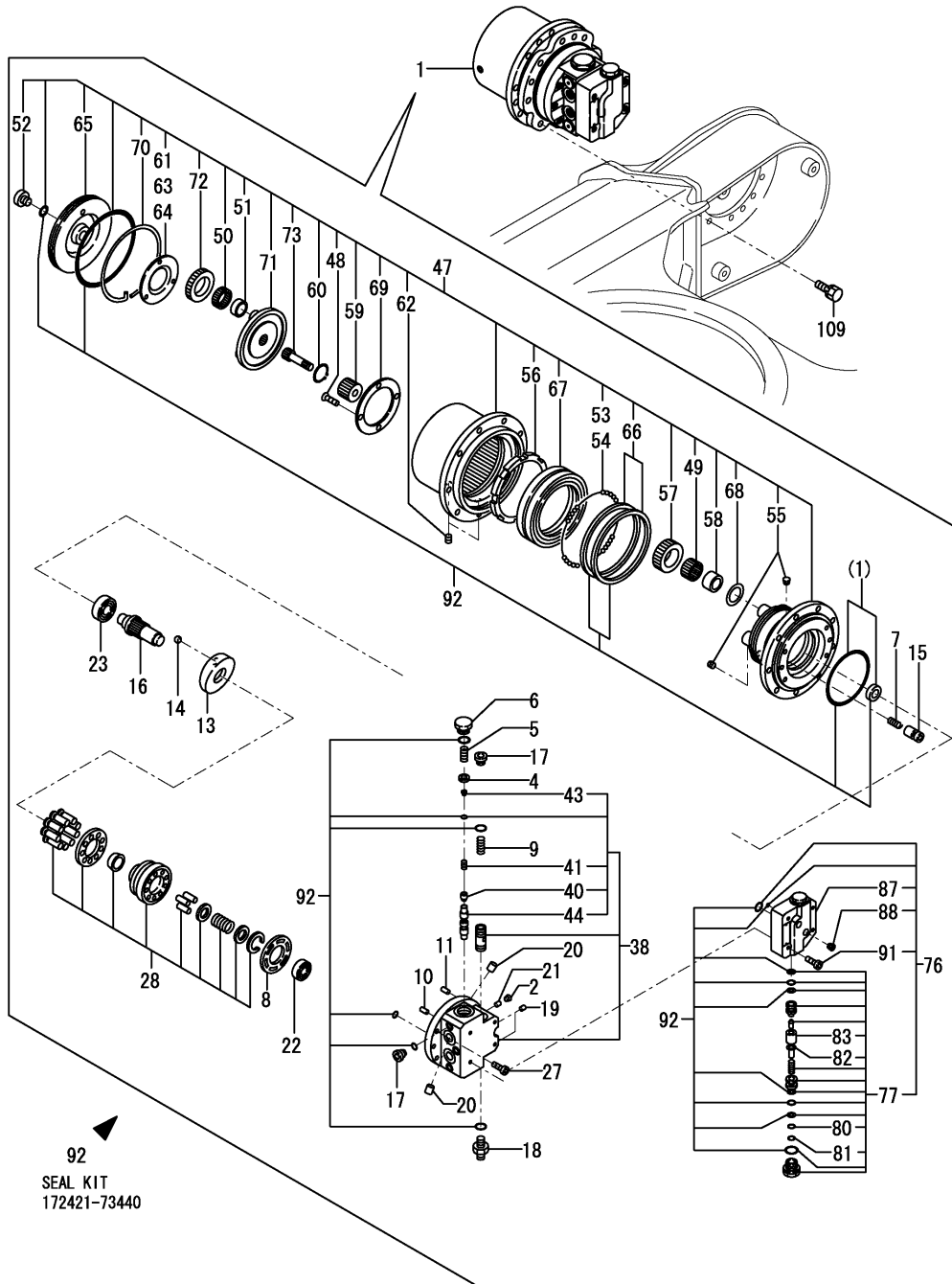
(B)=VIO27-3 P(US)

(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)

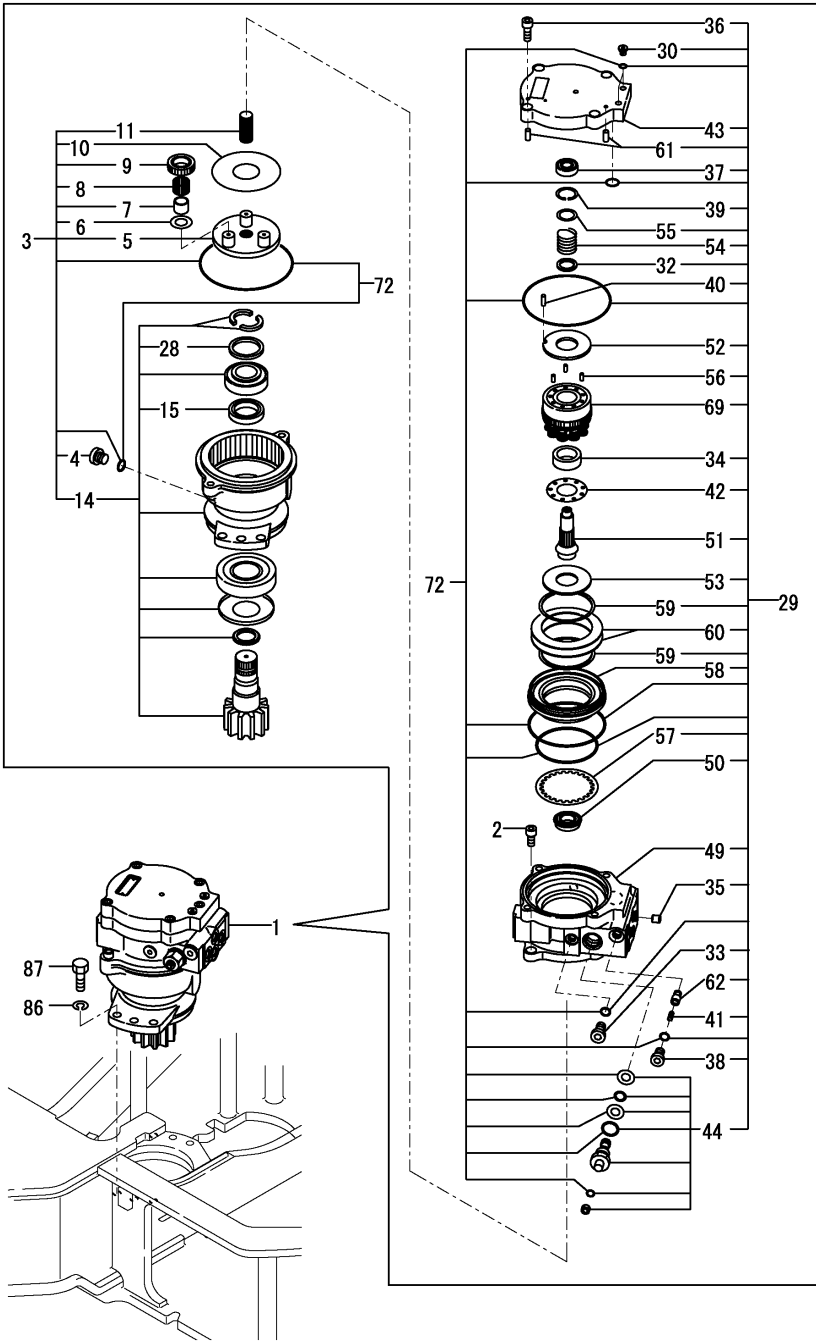
(E)=VIO27-3 C(NZ)

(F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
70	3	172183-73660	WIRE	2	2	2	2	2	2		
71	3	172457-73730	HOLDER	2	2	2	2	2	2		
72	3	172457-73740	GEAR, PLANETARY	6	6	6	6	6	6		
73	3	172457-73770	GEAR, DRIVE	2	2	2	2	2	2		
76	2	172457-73750	VALVE ASSY	2	2	2	2	2	2		
77	3	172457-73760	VALVE ASSY, RELIEF	4	4	4	4	4	4		
80	4	172147-70610	SHIM	4	4	4	4	4	4		
81	4	172162-70760	SHIM	12	12	12	12	12	12		
82	4	172173-73440	ORIFICE	4	4	4	4	4	4		
83	4	172423-73630	PISTON	4	4	4	4	4	4		
87	3	172183-73810	VALVE BODY	2	2	2	2	2	2		
88	3	23871-020000	PLUG, R02	4	4	4	4	4	4		
91	3	26450-060402	BOLT, M6X 40	8	8	8	8	8	8		
92	1	172421-73440	SEAL SET	2	2	2	2	2	2		
109	1	26013-100302	BOLT, M10X 30	24	24	24	24	24	24		

Fig.71. TURNING MOTOR



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)
 (D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

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

Fig.72. SWIVEL JOINT

(A)=VIO27-3 C(US)

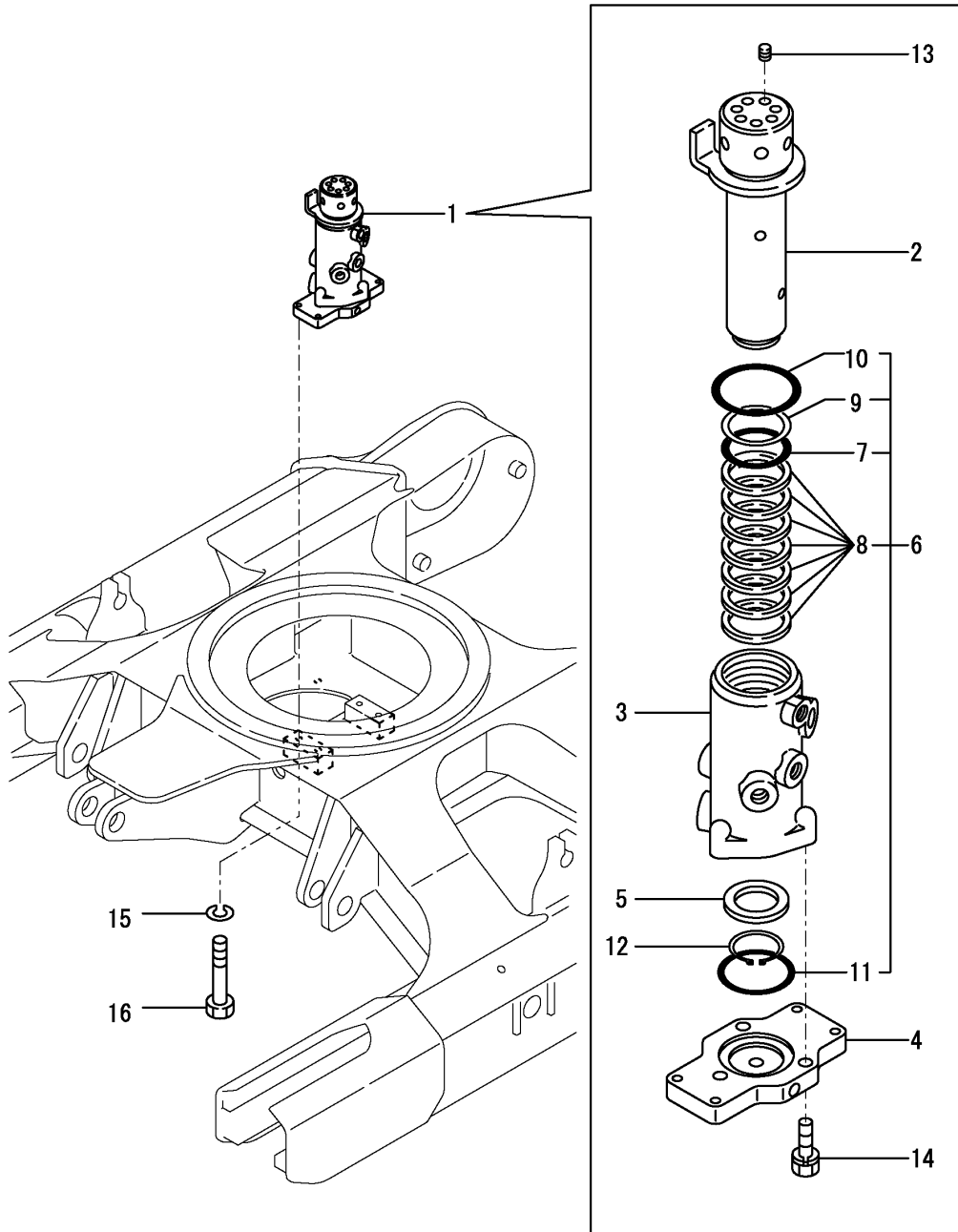
(B)=VIO27-3 P(US)

(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)

(E)=VIO27-3 C(NZ)

(F)=VIO27-3 P(NZ)



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		
1-1	1	172444-73803	JOINT ASSY, SWIVEL	1	1	1	1	1	1		R
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#35253)	(E=M/#35253)	(F=M/#35253)				
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1	1	1	1	1		
3	2	172444-73831	HUB, SWIVEL	1	1	1	1	1	1		
4	2	172444-73840	FLANGE, SWIVEL	1	1	1	1	1	1		
5	2	172137-73860	SPACER, SWIVEL	1	1	1	1	1	1		
6	2	172444-73880	SEAL SET, SWIVEL	1	1	1	1	1	1		
7	3	172142-73800	O-RING, 55.76X5.7	1	1	1	1	1	1		
8	3	172458-73820	SEAL, SWIVEL	7	7	7	7	7	7		
8-1	2	172447-73840	SEAL	7	7	7	7	7	7		R
		(A=M/#35253)	(B=M/#35253)	(C=M/#35253)	(D=M/#35253)	(E=M/#35253)	(F=M/#35253)				
9	3	172148-73870	RING, BUCK UP	1	1	1	1	1	1		
10	3	24311-000750	O-RING, 1AP75.0	1	1	1	1	1	1		
11	3	24321-000700	O-RING, 1AG70.0	1	1	1	1	1	1		
12	2	22242-000451	RING, 45	1	1	1	1	1	1		
13	2	23871-020000	PLUG, R02	7	7	7	7	7	7		
14	2	26013-100352	BOLT, M10X 35	3	3	3	3	3	3		
15	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
16	1	26116-100652	BOLT, M10X 65 PLATED	4	4	4	4	4	4		

Fig.73. CONTROL VALVE(1/6)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CONTROL VALVE ASSY
 172457-74101

Fig. 73 Ref. No. 1

INC. Fig. 73 Ref. No. 2~22.

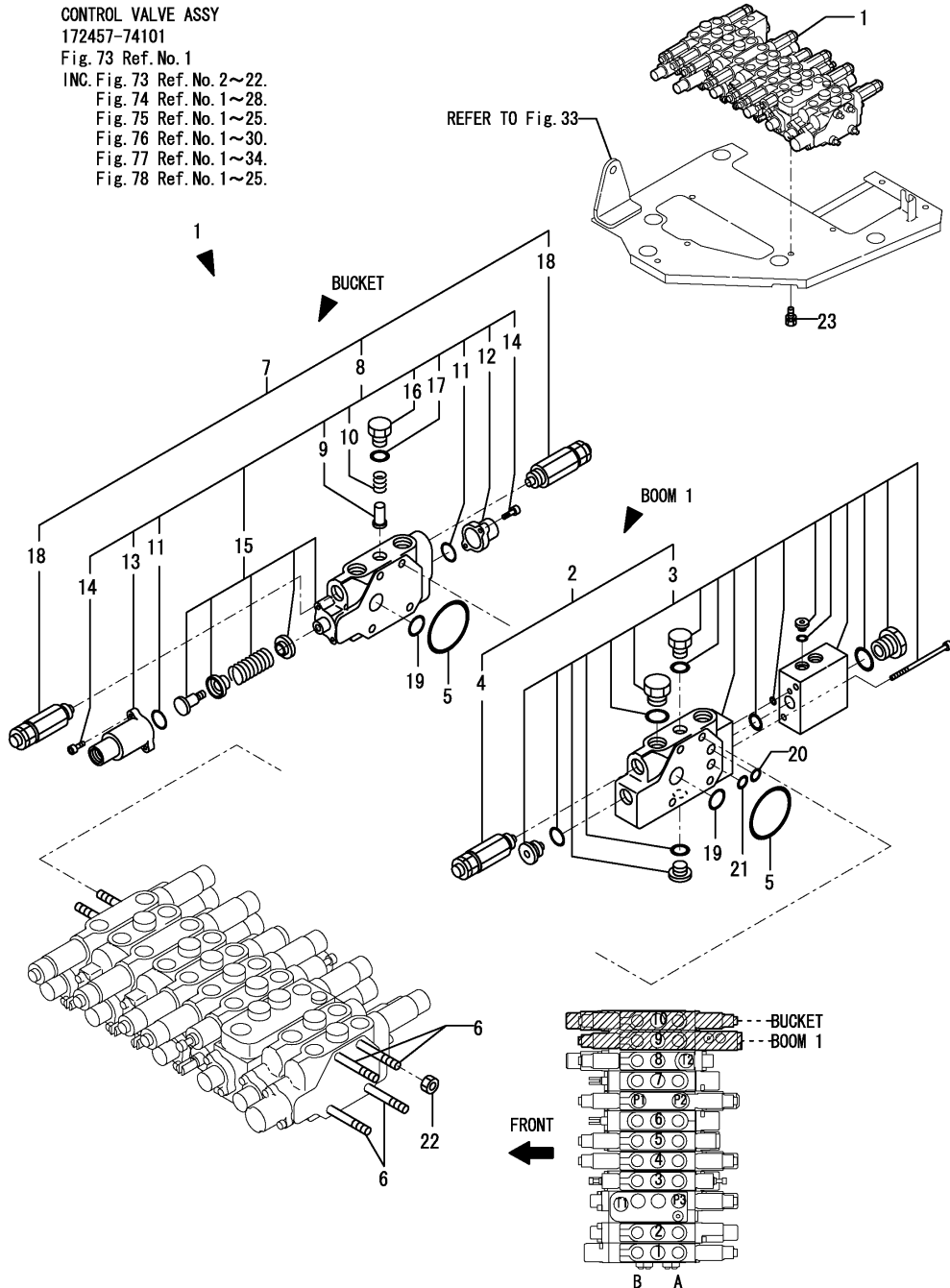
Fig. 74 Ref. No. 1~28.

Fig. 75 Ref. No. 1~25.

Fig. 76 Ref. No. 1~30.

Fig. 77 Ref. No. 1~34.

Fig. 78 Ref. No. 1~25.



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	1	1	1		
2	2	172457-74290	SECTION, BOOM LOCK	1	1	1	1	1	1		
3	3	172457-74250	BOOM LOCK ASSY	1	1	1	1	1	1		
4	3	172456-74440	VALVE, RELIEF	1	1	1	1	1	1		
5	2	172458-74720	O-RING	2	2	2	2	2	2		
6	2	172458-74730	BOLT	4	4	4	4	4	4		
7	2	172458-74860	SECTION, BUCKET	1	1	1	1	1	1		
8	3	172458-74610	SECTION ASSY, BUCKET	1	1	1	1	1	1		
9	4	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
10	4	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
11	4	172458-74230	O-RING	2	2	2	2	2	2		
12	4	172458-74240	COVER, PILOT	1	1	1	1	1	1		
13	4	172458-74250	COVER, PILOT	1	1	1	1	1	1		
14	4	172458-74260	BOLT	4	4	4	4	4	4		
15	4	172458-74620	SPOOL ASSY, BUCKET	1	1	1	1	1	1		
16	4	172458-74630	STAY, VALVE	1	1	1	1	1	1		
17	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
18	3	172458-74710	VALVE, RELIEF	2	2	2	2	2	2		
19	2	24311-000180	O-RING, 1AP18.0	2	2	2	2	2	2		
20	2	24315-000090	O-RING, 1BP9.0	1	1	1	1	1	1		
21	2	24315-000100	O-RING, 1BP10.0	1	1	1	1	1	1		
22	2	26716-080002	NUT, M8	4	4	4	4	4	4		
23	1	26013-100162	BOLT, M10X 16	3	3	3	3	3	3		

Fig.74. CONTROL VALVE(2/6)

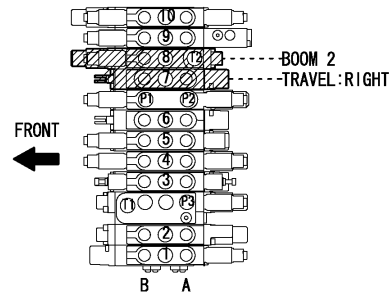
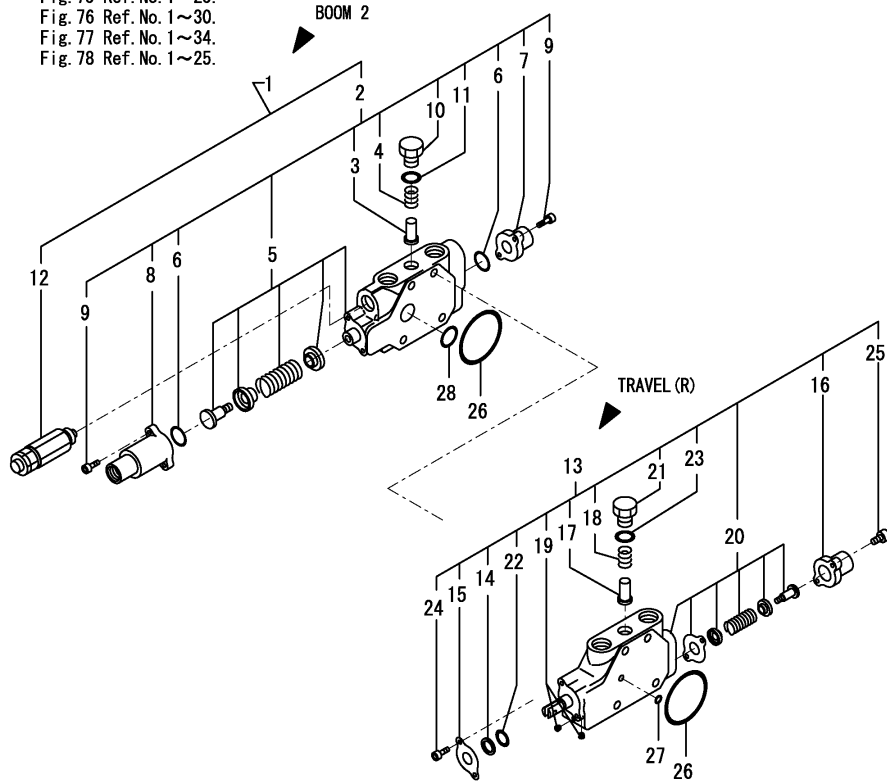
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CONTROL VALVE ASSY
 172457-74101

Fig. 73 Ref. No. 1

INC. Fig. 73 Ref. No. 2~22.
 Fig. 74 Ref. No. 1~28.
 Fig. 75 Ref. No. 1~25.
 Fig. 76 Ref. No. 1~30.
 Fig. 77 Ref. No. 1~34.
 Fig. 78 Ref. No. 1~25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74230	SECTION, BOOM	1	1	1	1	1	1		
2	3	172457-74170	SECTION ASSY, BOOM	1	1	1	1	1	1		
3	4	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
4	4	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
5	4	172457-74180	SPOOL ASSY, BOOM	1	1	1	1	1	1		
6	4	172458-74230	O-RING	2	2	2	2	2	2		
7	4	172458-74240	COVER, PILOT	1	1	1	1	1	1		
8	4	172458-74250	COVER, PILOT	1	1	1	1	1	1		
9	4	172458-74260	BOLT	4	4	4	4	4	4		
10	4	172458-74630	STAY, VALVE	1	1	1	1	1	1		
11	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
12	3	172447-74221	VALVE ASSY, RELIEF	1	1	1	1	1	1		
13	2	172458-74560	SECTION ASSY, TRAVEL	1	1	1	1	1	1		
14	3	172458-74130	WIPER, DUST	1	1	1	1	1	1		
15	3	172458-74140	RETAINER, SEAL	1	1	1	1	1	1		
16	3	172458-74170	CAP, SPRING	1	1	1	1	1	1		
17	3	172458-74290	VALVE, REVERSE	1	1	1	1	1	1		
18	3	172458-74360	SPRING, VALVE	1	1	1	1	1	1		
19	3	172458-74460	PLUG	2	2	2	2	2	2		
20	3	172458-74570	SPOOL ASSY, TRAVEL	1	1	1	1	1	1		
21	3	172458-74640	STAY, VALVE	1	1	1	1	1	1		
22	3	24311-000120	O-RING, 1AP12.0	1	1	1	1	1	1		
23	3	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
24	3	26450-050102	BOLT, M5X 10	2	2	2	2	2	2		
25	3	26450-050182	BOLT, M5X 18	2	2	2	2	2	2		
26	2	172458-74720	O-RING	2	2	2	2	2	2		
27	2	24311-000060	O-RING, 1AP6.0	2	2	2	2	2	2		
28	2	24311-000180	O-RING, 1AP18.0	1	1	1	1	1	1		

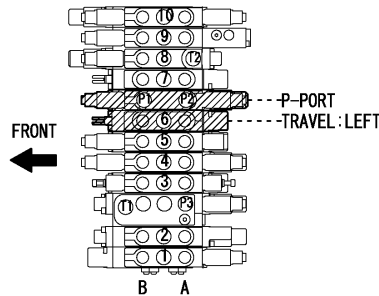
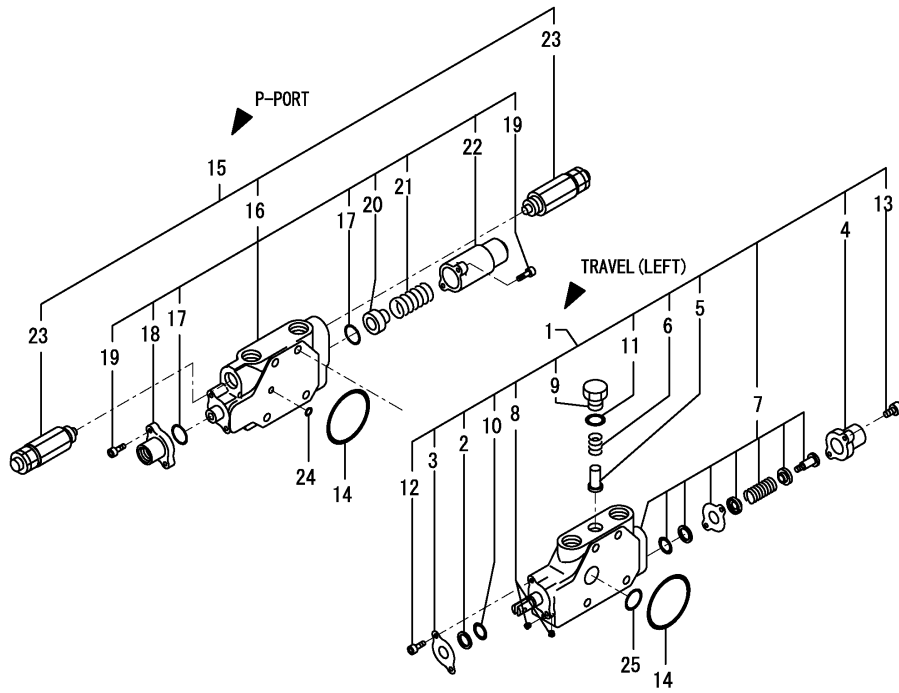
Fig.75. CONTROL VALVE(3/6)

CONTROL VALVE ASSY

172457-74101

Fig. 73 Ref. No. 1

- INC. Fig. 73 Ref. No. 2~22.
- Fig. 74 Ref. No. 1~28.
- Fig. 75 Ref. No. 1~25.
- Fig. 76 Ref. No. 1~30.
- Fig. 77 Ref. No. 1~34.
- Fig. 78 Ref. No. 1~25.



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

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	1	1	1		
2	3	172458-74130	WIPER, DUST	1	1	1	1	1	1		
3	3	172458-74140	RETAINER, SEAL	1	1	1	1	1	1		
4	3	172458-74170	CAP, SPRING	1	1	1	1	1	1		
5	3	172458-74290	VALVE, REVERSE	1	1	1	1	1	1		
6	3	172458-74360	SPRING, VALVE	1	1	1	1	1	1		
7	3	172458-74450	SPOOL ASSY, TRAVEL	1	1	1	1	1	1		
8	3	172458-74460	PLUG	2	2	2	2	2	2		
9	3	172458-74640	STAY, VALVE	1	1	1	1	1	1		
10	3	24311-000120	O-RING, 1AP12.0	1	1	1	1	1	1		
11	3	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
12	3	26450-050102	BOLT, M5X 10	2	2	2	2	2	2		
13	3	26450-050182	BOLT, M5X 18	2	2	2	2	2	2		
14	2	172458-74720	O-RING	2	2	2	2	2	2		
15	2	172458-74820	VALVE	1	1	1	1	1	1		
16	3	172458-74520	SECTION ASSY	1	1	1	1	1	1		
17	4	172458-74230	O-RING	2	2	2	2	2	2		
18	4	172458-74240	COVER, PILOT	1	1	1	1	1	1		
19	4	172458-74260	BOLT	4	4	4	4	4	4		
20	4	172458-74530	SEAT, SPRING	1	1	1	1	1	1		
21	4	172458-74540	SPRING, RETURN	1	1	1	1	1	1		
22	4	172458-74550	COVER, PILOT	1	1	1	1	1	1		
23	3	172458-74680	VALVE, RELIEF	2	2	2	2	2	2		
24	2	24311-000060	O-RING, 1AP6.0	2	2	2	2	2	2		
25	2	24311-000180	O-RING, 1AP18.0	1	1	1	1	1	1		

Fig.76. CONTROL VALVE(4/6)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CONTROL VALVE ASSY
 172457-74101

Fig. 73 Ref. No. 1

INC. Fig. 73 Ref. No. 2~22.

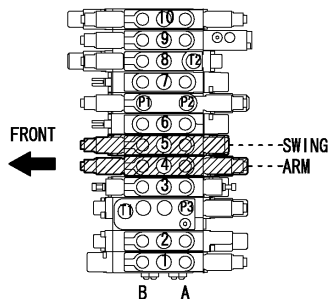
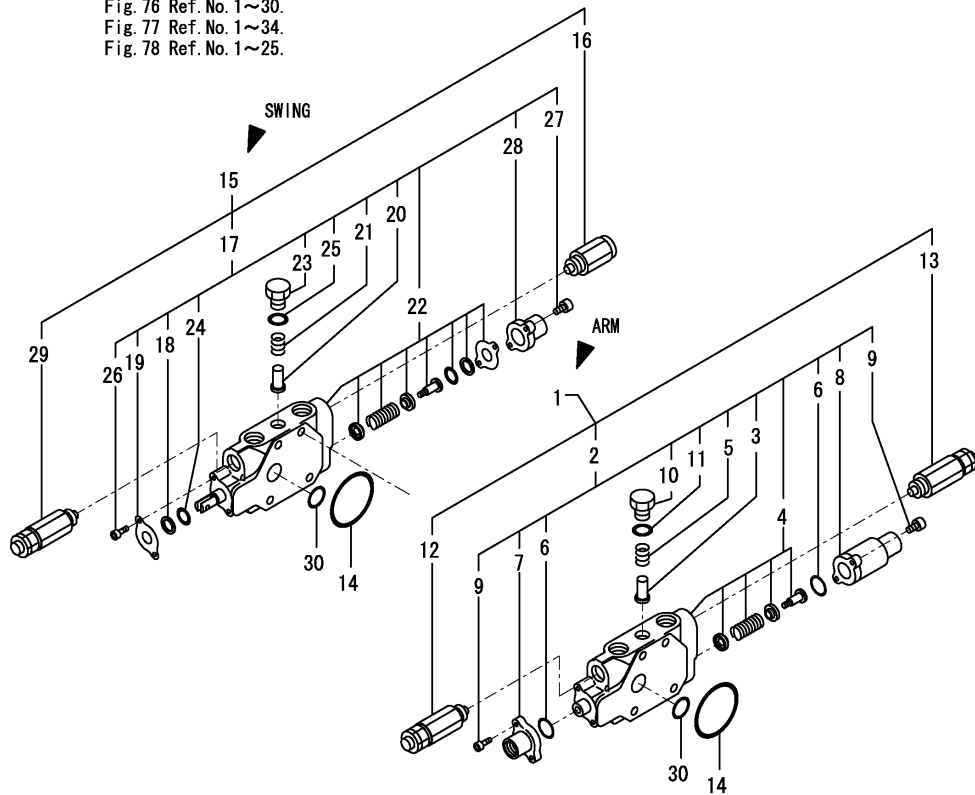
Fig. 74 Ref. No. 1~28.

Fig. 75 Ref. No. 1~25.

Fig. 76 Ref. No. 1~30.

Fig. 77 Ref. No. 1~34.

Fig. 78 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	1	1	1		
2	3	172457-74150	SECTION ASSY, ARM	1	1	1	1	1	1		
3	4	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
4	4	172457-74160	SPOOL ASSY, ARM	1	1	1	1	1	1		
5	4	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
6	4	172458-74230	O-RING	2	2	2	2	2	2		
7	4	172458-74240	COVER, PILOT	1	1	1	1	1	1		
8	4	172458-74250	COVER, PILOT	1	1	1	1	1	1		
9	4	172458-74260	BOLT	4	4	4	4	4	4		
10	4	172458-74630	STAY, VALVE	1	1	1	1	1	1		
11	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
12	3	172447-74221	VALVE ASSY, RELIEF	1	1	1	1	1	1		
13	3	172458-74710	VALVE, RELIEF	1	1	1	1	1	1		
14	2	172458-74720	O-RING	2	2	2	2	2	2		
15	2	172458-74800	SECTION, SWING	1	1	1	1	1	1		
16	3	172447-74230	ANTI-CAVITATION	1	1	1	1	1	1		
17	3	172458-74420	SECTION ASSY, SWING	1	1	1	1	1	1		
18	4	172458-74130	WIPER, DUST	1	1	1	1	1	1		
19	4	172458-74140	RETAINER, SEAL	1	1	1	1	1	1		
20	4	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
21	4	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
22	4	172458-74430	SPOOL ASSY, SWING	1	1	1	1	1	1		
23	4	172458-74630	STAY, VALVE	1	1	1	1	1	1		
24	4	24311-000120	O-RING, 1AP12.0	1	1	1	1	1	1		
25	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
26	4	26450-050102	BOLT, M5X 10	2	2	2	2	2	2		
27	4	26450-050182	BOLT, M5X 18	2	2	2	2	2	2		
28	4	172458-74170	CAP, SPRING	1	1	1	1	1	1		
29	3	172458-74710	VALVE, RELIEF	1	1	1	1	1	1		
30	2	24311-000180	O-RING, 1AP18.0	2	2	2	2	2	2		

Fig.77. CONTROL VALVE(5/6)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

CONTROL VALVE ASSY

172457-74101

Fig. 73 Ref. No. 1

INC. Fig. 73 Ref. No. 2~22.

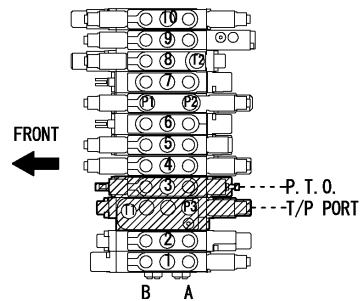
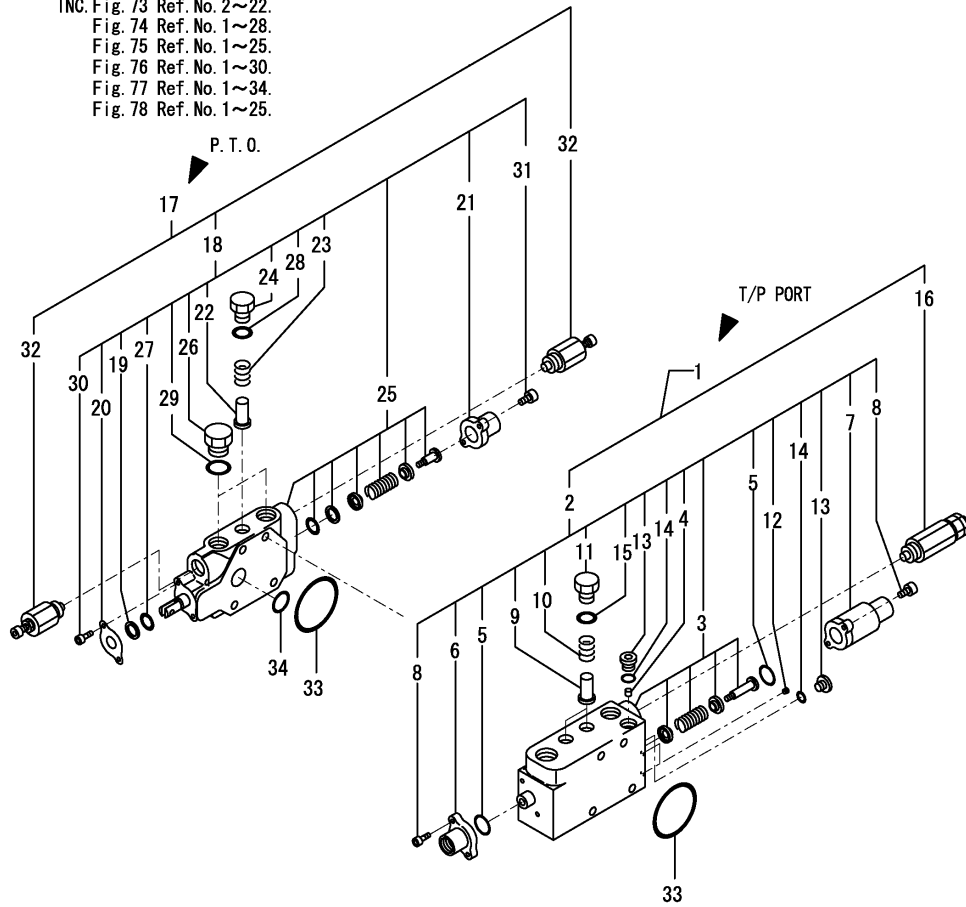
Fig. 74 Ref. No. 1~28.

Fig. 75 Ref. No. 1~25.

Fig. 76 Ref. No. 1~30.

Fig. 77 Ref. No. 1~34.

Fig. 78 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	1	1	1		
2	3	172457-74130	SECTION ASSY	1	1	1	1	1	1		
3	4	172457-74140	SPOOL ASSY	1	1	1	1	1	1		
4	4	172457-74190	LIMITTER, M6 0.9	1	1	1	1	1	1		
5	4	172458-74230	O-RING	2	2	2	2	2	2		
6	4	172458-74240	COVER, PILOT	1	1	1	1	1	1		
7	4	172458-74250	COVER, PILOT	1	1	1	1	1	1		
8	4	172458-74260	BOLT	4	4	4	4	4	4		
9	4	172458-74290	VALVE, REVERSE	2	2	2	2	2	2		
10	4	172458-74360	SPRING, VALVE	2	2	2	2	2	2		
11	4	172458-74640	STAY, VALVE	2	2	2	2	2	2		
12	4	172458-74660	PLUG, SCREW	2	2	2	2	2	2		
13	4	172458-74670	PLUG	2	2	2	2	2	2		
14	4	24315-000080	O-RING, 1BP8.0	2	2	2	2	2	2		
15	4	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
16	3	172458-74690	VALVE, RELIEF	1	1	1	1	1	1		
17	2	172457-74280	SECTION ASSY, PTO	1	1	1	1	1	1		
18	3	172457-74310	SECTION ASSY, PTO	1	1	1	1	1	1		
19	4	172458-74130	WIPER, DUST	1	1	1	1	1	1		
20	4	172458-74140	RETAINER, SEAL	1	1	1	1	1	1		
21	4	172458-74170	CAP, SPRING	1	1	1	1	1	1		
22	4	172490-74310	VALVE, REVERSE	1	1	1	1	1	1		
23	4	172490-74320	SPRING, VALVE	1	1	1	1	1	1		
24	4	172490-74330	STAY, VALVE	1	1	1	1	1	1		
25	4	172458-74390	SPOOL ASSY, PTO	1	1	1	1	1	1		
26	4	172458-74650	STAY, VALVE	2	2	2	2	2	2		
27	4	24311-000120	O-RING, 1AP12.0	1	1	1	1	1	1		
28	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
29	4	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
30	4	26450-050102	BOLT, M5X 10	2	2	2	2	2	2		
31	4	26450-050182	BOLT, M5X 18	2	2	2	2	2	2		
32	3	172458-74740	VALVE, SHUT-OFF	2	2	2	2	2	2		
33	2	172458-74720	O-RING	2	2	2	2	2	2		
34	2	24311-000180	O-RING, 1AP18.0	1	1	1	1	1	1		

Fig.78. CONTROL VALVE(6/6)

CONTROL VALVE ASSY
172457-74101

Fig. 73 Ref. No. 1

INC. Fig. 73 Ref. No. 2~22.

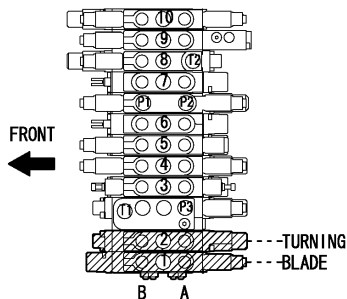
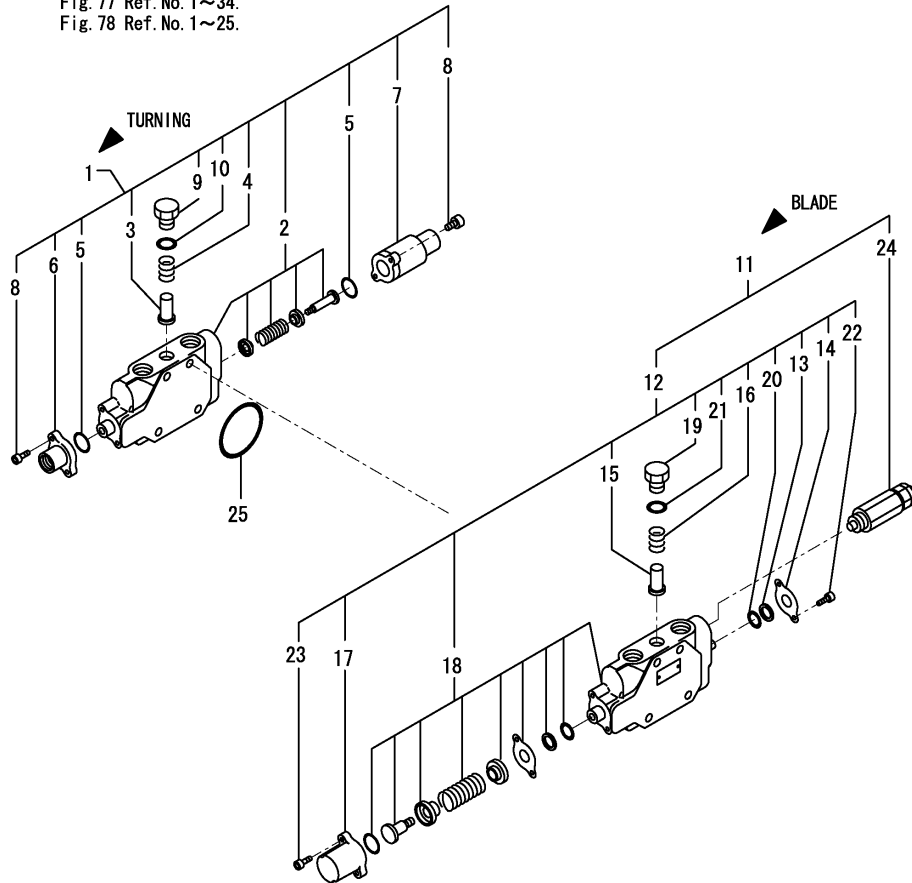
Fig. 74 Ref. No. 1~28.

Fig. 75 Ref. No. 1~25.

Fig. 76 Ref. No. 1~30.

Fig. 77 Ref. No. 1~34.

Fig. 78 Ref. No. 1~25.



(A)=VIO27-3 C(US)

(B)=VIO27-3 P(US)

(C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)

(E)=VIO27-3 C(NZ)

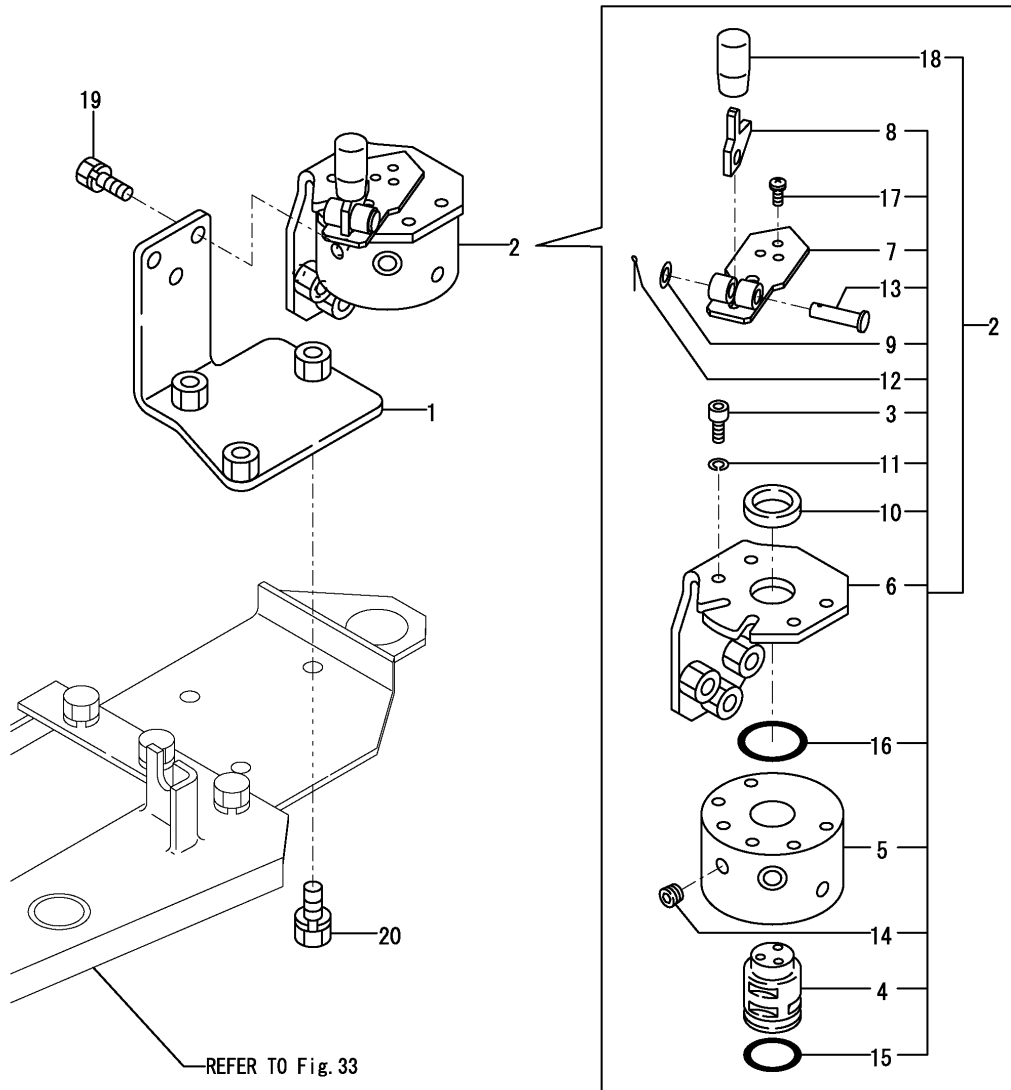
(F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172457-74110	SECTION ASSY	1	1	1	1	1	1		
2	3	172457-74120	SPOOL ASSY, SWING	1	1	1	1	1	1		
3	3	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
4	3	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
5	3	172458-74230	O-RING	2	2	2	2	2	2		
6	3	172458-74240	COVER, PILOT	1	1	1	1	1	1		
7	3	172458-74250	COVER, PILOT	1	1	1	1	1	1		
8	3	172458-74260	BOLT	4	4	4	4	4	4		
9	3	172458-74630	STAY, VALVE	1	1	1	1	1	1		
10	3	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
11	2	172457-74260	SECTION ASSY, BLADE	1	1	1	1	1	1		
12	3	172457-74270	SPOOL ASSY, BLADE	1	1	1	1	1	1		
13	4	172458-74130	WIPER, DUST	1	1	1	1	1	1		
14	4	172458-74140	RETAINER, SEAL	1	1	1	1	1	1		
15	4	172458-74150	VALVE, REVERSE	1	1	1	1	1	1		
16	4	172458-74160	SPRING, VALVE	1	1	1	1	1	1		
17	4	172458-74170	CAP, SPRING	1	1	1	1	1	1		
18	4	172457-74300	SPOOL ASSY, BLADE	1	1	1	1	1	1		
19	4	172458-74630	STAY, VALVE	1	1	1	1	1	1		
20	4	24311-000120	O-RING, 1AP12.0	1	1	1	1	1	1		
21	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
22	4	26450-050102	BOLT, M5X 10	2	2	2	2	2	2		
23	4	26450-050182	BOLT, M5X 18	2	2	2	2	2	2		
24	3	172458-74700	VALVE, RELIEF	1	1	1	1	1	1		
25	2	172458-74720	O-RING	1	1	1	1	1	1		

Fig.79. 2-WAY VALVE

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A37-74300	BRACKET ASSY,2WAY	1	1	1	1	1	1		
2	1	172A36-74690	VALVE ASSY, 2-WAY	1	1	1	1	1	1		
3	3	26450-060162	BOLT, M6X 16	4	4	4	4	4	4		
4	3	172437-74711	SHAFT	1	1	1	1	1	1		
5	3	172437-74720	BLOCK,VALVE	1	1	1	1	1	1		
6	3	172437-74732	STAY ASSY	1	1	1	1	1	1		1
7	3	172A36-74750	LEVER	1	1	1	1	1	1		
8	3	172A36-74780	PLATE,LOCK	1	1	1	1	1	1		
9	3	22117-080000	WASHER, 8	1	1	1	1	1	1		
10	3	22137-240000	WASHER, 24	1	1	1	1	1	1		
11	3	22217-060000	WASHER, SPRING 6	4	4	4	4	4	4		
12	3	22417-200160	PIN, COTTER 2.0X16	1	1	1	1	1	1		
13	3	22487-080300	PIN, H 8X 30	1	1	1	1	1	1		
14	3	23871-010000	PLUG, R01	4	4	4	4	4	4		
15	3	24311-000250	O-RING, 1AP25.0	1	1	1	1	1	1		
16	3	24311-000320	O-RING, 1AP32.0	1	1	1	1	1	1		
17	3	26022-050122	SCREW, M5X12	3	3	3	3	3	3		
18	2	172157-58830	KNOB, 6.5X18X35	1	1	1	1	1	1		
19	1	26013-080252	BOLT, M8X 25	3	3	3	3	3	3		
20	1	26013-100202	BOLT, M10X 20	3	3	3	3	3	3		
21A	1	172437-03610	LABEL	1	1	1	1	1	1		2
21B	1	172437-03620	LABEL	1	1	1	1	1	1		2

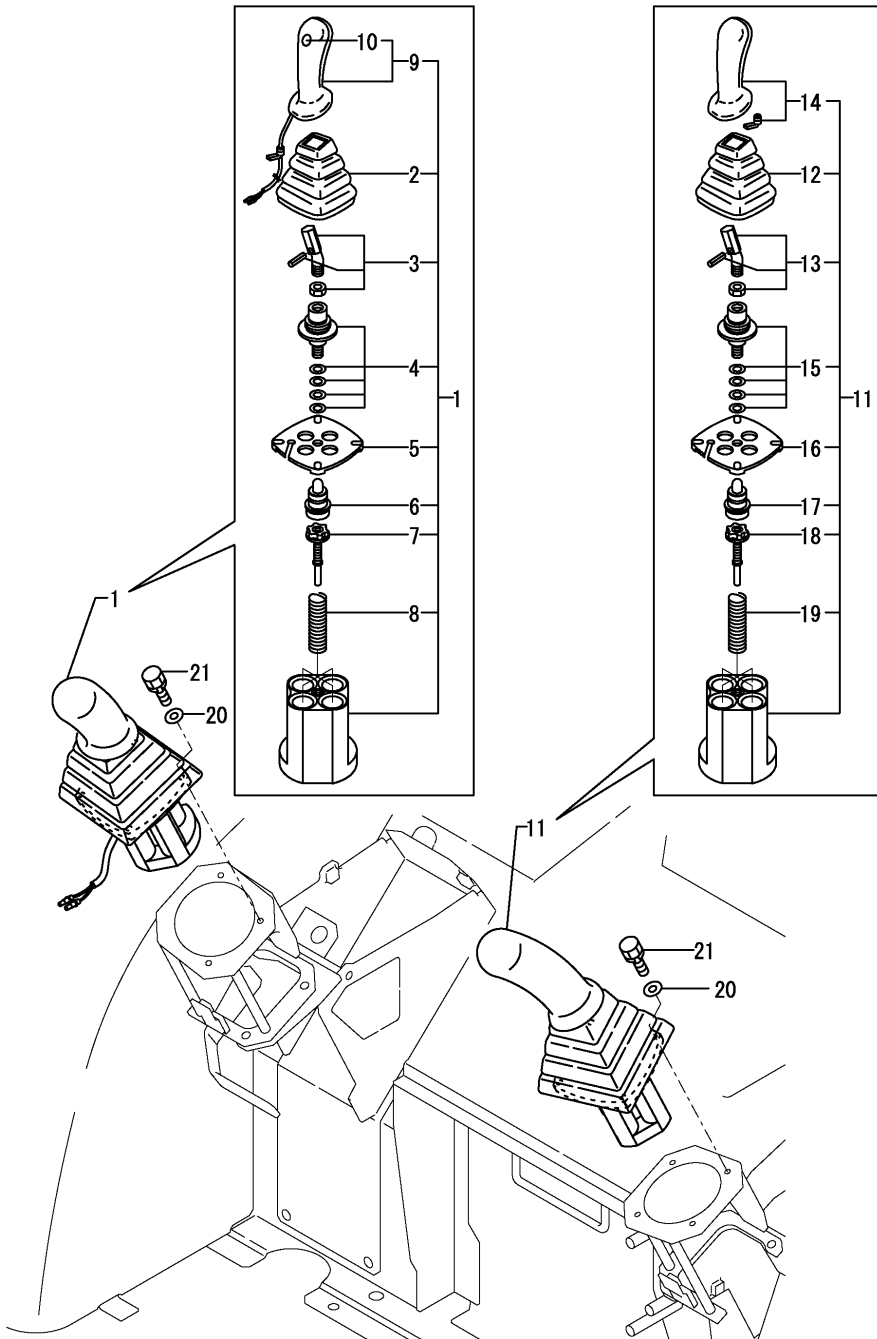
Remarks

- (1) Attach the No.21A & 21B label to this part.
- (2) Label is not illustrated.

Fig.80. REMOTE CONTROL VALVE

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

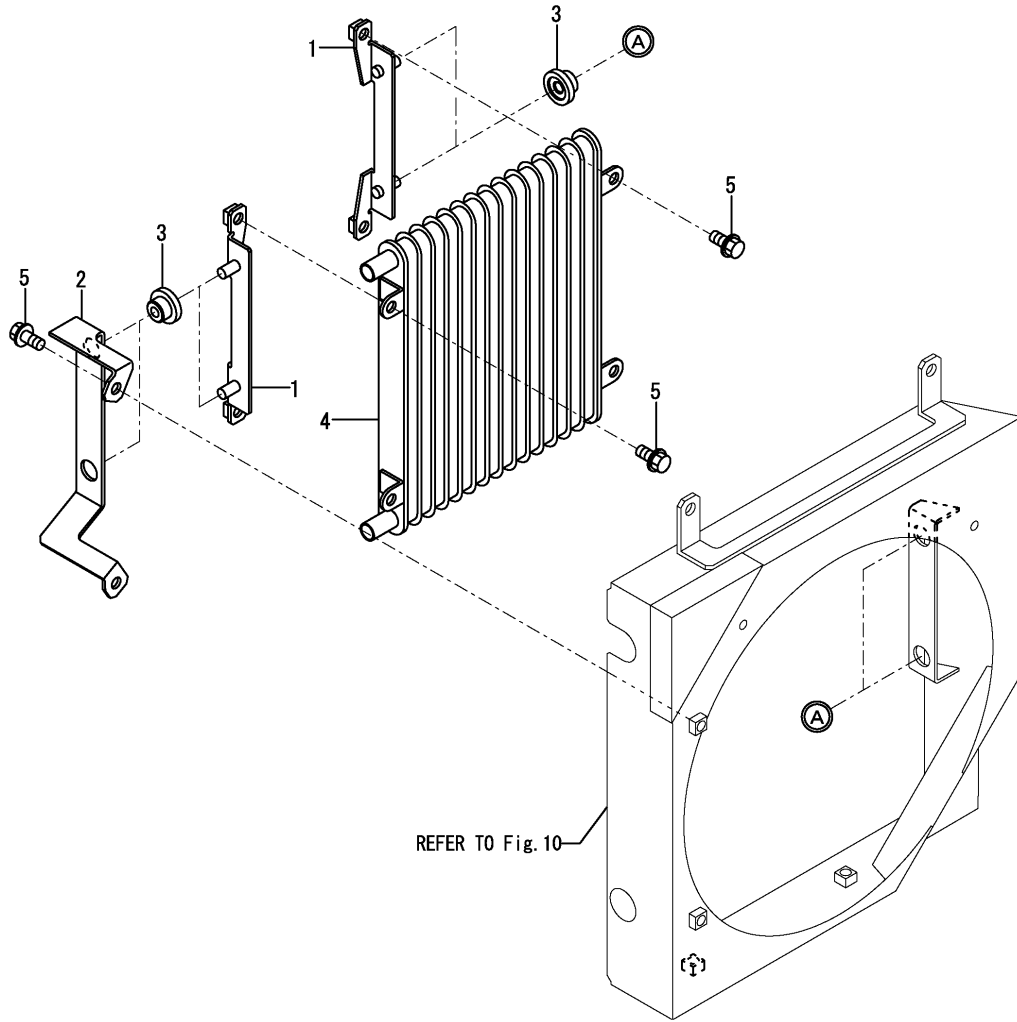


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172463-74511	VALVE ASSY	1	1	1	1	1	1		
2	2	172441-74030	BOOT	1	1	1	1	1	1		
3	2	172441-74040	LEVER KIT	1	1	1	1	1	1		
4	2	172463-74530	CARDAN KIT	1	1	1	1	1	1		
5	2	172463-74540	PLATE, RETAINING	1	1	1	1	1	1		
6	2	172463-74551	PLUNGER KIT	1	1	1	1	1	1		
7	2	172463-74561	REGULATION KIT	4	4	4	4	4	4		
8	2	172463-74570	SPRING KIT	1	1	1	1	1	1		
9	2	172463-74590	HANDLE	1	1	1	1	1	1		
10	3	172463-74580	SWITCH, BUTTON	1	1	1	1	1	1		
11	1	172463-74521	VALVE ASSY	1	1	1	1	1	1		
12	2	172441-74030	BOOT	1	1	1	1	1	1		
13	2	172441-74040	LEVER KIT	1	1	1	1	1	1		
14	2	172441-74050	HANDLE	1	1	1	1	1	1		
15	2	172463-74530	CARDAN KIT	1	1	1	1	1	1		
16	2	172463-74540	PLATE, RETAINING	1	1	1	1	1	1		
17	2	172463-74551	PLUNGER KIT	1	1	1	1	1	1		
18	2	172463-74561	REGULATION KIT	4	4	4	4	4	4		
19	2	172463-74570	SPRING KIT	1	1	1	1	1	1		
20	1	22137-060000	WASHER, 6	8	8	8	8	8	8		
20-1	1	22137-060000	WASHER, 6	6	6	6	6	6	6		K
		(A=M/#30501)	(B=M/#30501)	(C=M/#30501)	(D=M/#30501)	(E=M/#30501)	(F=M/#30501)				
21	1	26013-060202	BOLT, M6X 20	8	8	8	8	8	8		
21-1	1	26013-060202	BOLT, M6X 20	6	6	6	6	6	6		K
		(A=M/#30501)	(B=M/#30501)	(C=M/#30501)	(D=M/#30501)	(E=M/#30501)	(F=M/#30501)				

Fig.81. OIL COOLER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

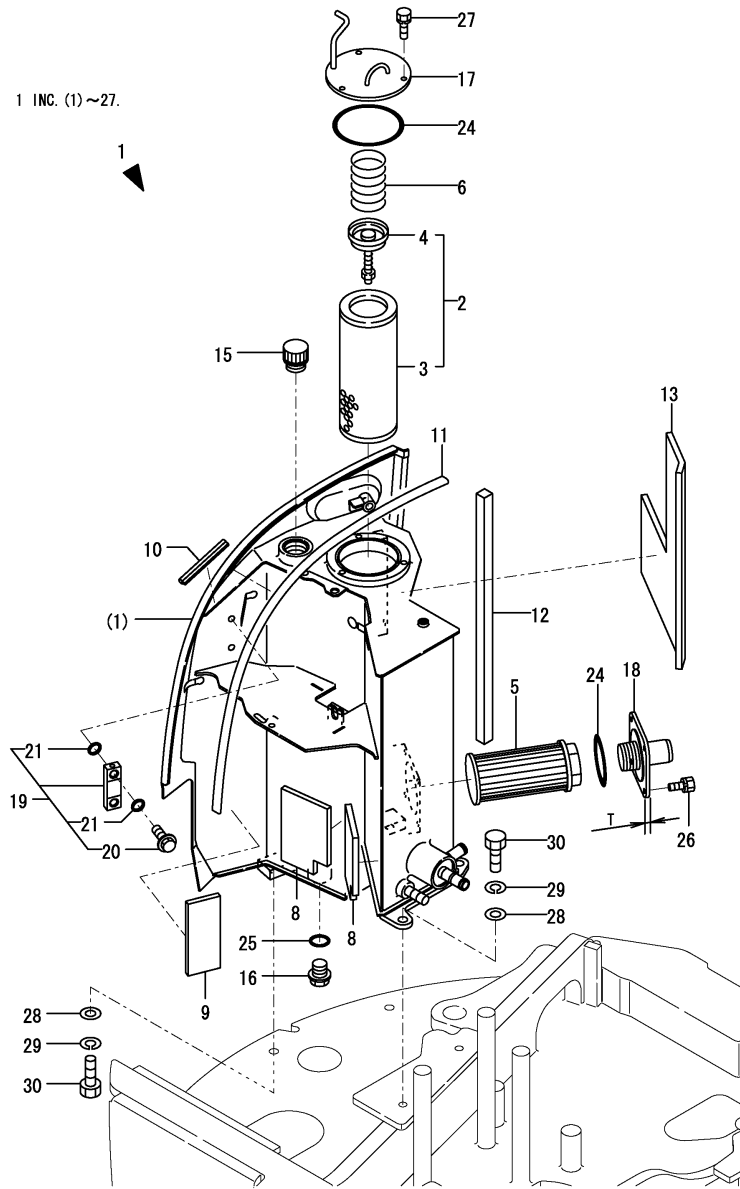


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172490-13160	BRACKET ASSY	2	2	2	2	2	2		
2	1	172A25-13220	BRACKET	1	1	1	1	1	1		
3	1	172446-13330	ABSORBER, SHOCK	4	4	4	4	4	4		
4	1	198138-49100	COOLER ASSY, OIL	1	1	1	1	1	1		
5	1	26106-100202	BOLT, M10X 20 PLATED	6	6	6	6	6	6		

Fig.82. HYD. OIL TANK

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772457-75101-1	TANK ASSY, RESERVOIR	1	1	1	1	1	1		1
2	2	172175-73700	FILTER ASSY, RETURN	1	1	1	1	1	1		
3	3	172175-73710	ELEMENT, FILTER	1	1	1	1	1	1		
4	3	172141-73770	VALVE ASSY, BY-PASS	1	1	1	1	1	1		
5	2	172146-73730	FILTER, SUCTION	1	1	1	1	1	1		
6	2	933152-02710	SPRING, CLUTCH	1	1	1	1	1	1		
8	3	172458-14351	PLATE, RUBBER	2	2	2	2	2	2		
9	3	172458-14361	PLATE, RUBBER	1	1	1	1	1	1		
10	3	172434-61170	TRIM	1	1	1	1	1	1		
11	3	172444-65610	SEAL, BONNET	1	1	1	1	1	1		
12	3	172458-75050	SEAL	1	1	1	1	1	1		
13	3	172457-75080	SPONGE	1	1	1	1	1	1		
15	2	172446-75250	CAP, RESERVER	1	1	1	1	1	1		
16	2	172455-75330	PLUG, DRAIN	1	1	1	1	1	1		
17	2	172458-75350-1	COVER	1	1	1	1	1	1		
18	2	172183-75410	FLANGE, SUCTION	1	1	1	1	1	1		
18-1	2	172A46-75500	FLANGE, SUCTION	1	1	1	1	1	1		F 3
		(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)	(D=MZZZZZ)	(E=MZZZZZ)	(F=MZZZZZ)				
19	2	172447-75600	GAUGE ASSY	1	1	1	1	1	1		
20	3	172455-75290	BOLT	2	2	2	2	2	2		
21	3	172455-75300	O-RING	4	4	4	4	4	4		
24	2	24321-001050	O-RING, 1AG105.0	2	2	2	2	2	2		
25	2	24341-000300	O-RING, 1AS30.0	1	1	1	1	1	1		
26	2	26013-080162	BOLT, M8X 16	4	4	4	4	4	4		
26-1	2	26014-080252	BOLT, M8X 25	4	4	4	4	4	4		S
		(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)	(D=MZZZZZ)	(E=MZZZZZ)	(F=MZZZZZ)				
27	2	26013-080202	BOLT, M8X 20	3	3	3	3	3	3		
28	1	22137-140000	WASHER, 14	4	4	4	4	4	4		
29	1	22217-140000	WASHER, SPRING 14	4	4	4	4	4	4		
30	1	26116-140402	BOLT, M14X 40 PLATED	4	4	4	4	4	4		
31A	1	172463-03290	LABEL, HYD.OIL	1	1	1	1	1	1		2
31B	1	172463-03330	LABEL, COVER	1	1	1	1	1	1		2
31C	1	172472-03121	LABEL, MODEL	1	1	1	1	1	1		2

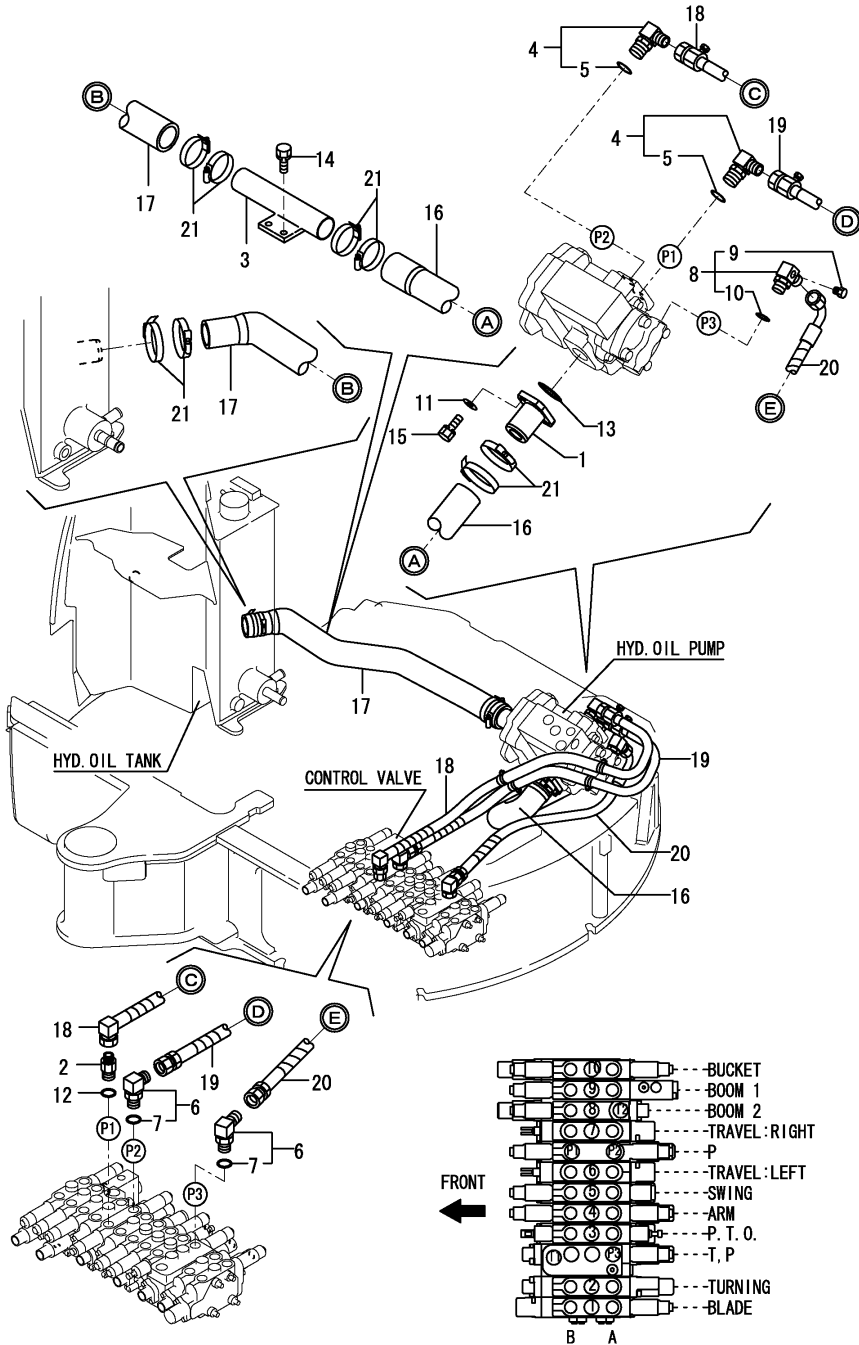
Remarks

- (1) Attach the No.31A, 31B & 31C label to this part.
 - (2) Label is not illustrated.
 - (3) T=No.18 : 6mm, No.18-1 : 12mm.
- Interchangeable by simultaneous replacement with No.26-1.

Fig.83. TANK - PUMP - CONTROL VALVE

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

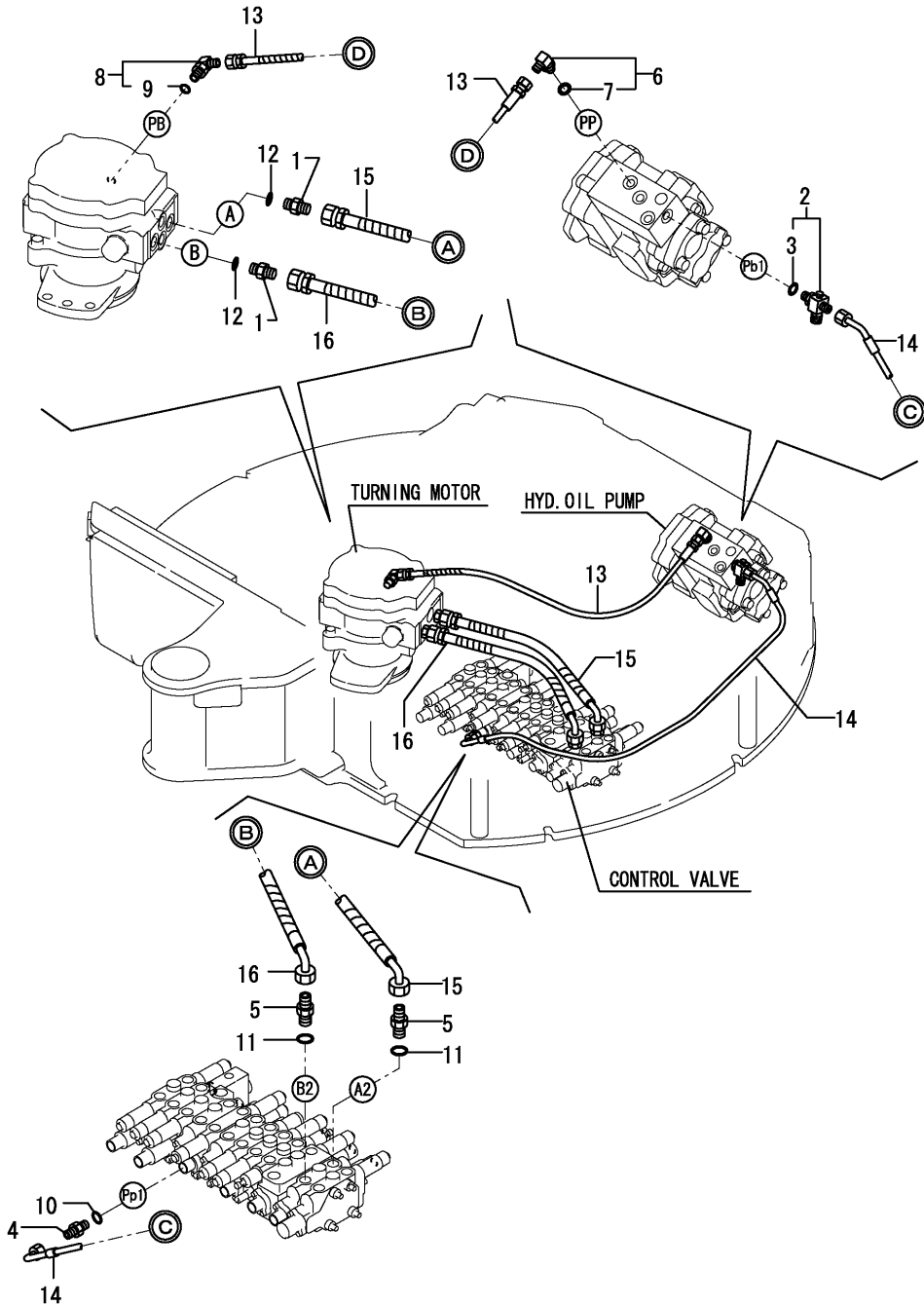


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76100	FLANGE	1	1	1	1	1	1		
2	1	172458-76170	CONNECTOR	1	1	1	1	1	1		
3	1	172444-76400	TUBE ASSY, SUCTION	1	1	1	1	1	1		
4	1	172645-76570	CONNECTOR ASSY	2	2	2	2	2	2		
5	2	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
6	1	172645-76570	CONNECTOR ASSY	2	2	2	2	2	2		
7	2	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
8	1	172A24-76900	CONNECTOR ASSY, 1/2	1	1	1	1	1	1		
9	2	172460-76570	PLUG, SCREW	1	1	1	1	1	1		
10	2	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1		
11	1	22117-100000	WASHER, 10	4	4	4	4	4	4		
12	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
13	1	24321-000400	O-RING, 1AG40.0	1	1	1	1	1	1		
14	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
15	1	26013-100302	BOLT, M10X 30	4	4	4	4	4	4		
16	1	172458-78091	HOSE, 39.5 52.5	1	1	1	1	1	1		
17	1	172458-78100	HOSE, 42.5 55.2	1	1	1	1	1	1		
18	1	172A24-78110	HOSE	1	1	1	1	1	1		
19	1	172A24-78120	HOSE	1	1	1	1	1	1		
20	1	172A25-78130	HOSE	1	1	1	1	1	1		
21	1	23001-060000	CLAMP, HOSE 60	8	8	8	8	8	8		

Fig.84. PUMP - CONTROL VALVE - TURNING MOTOR

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

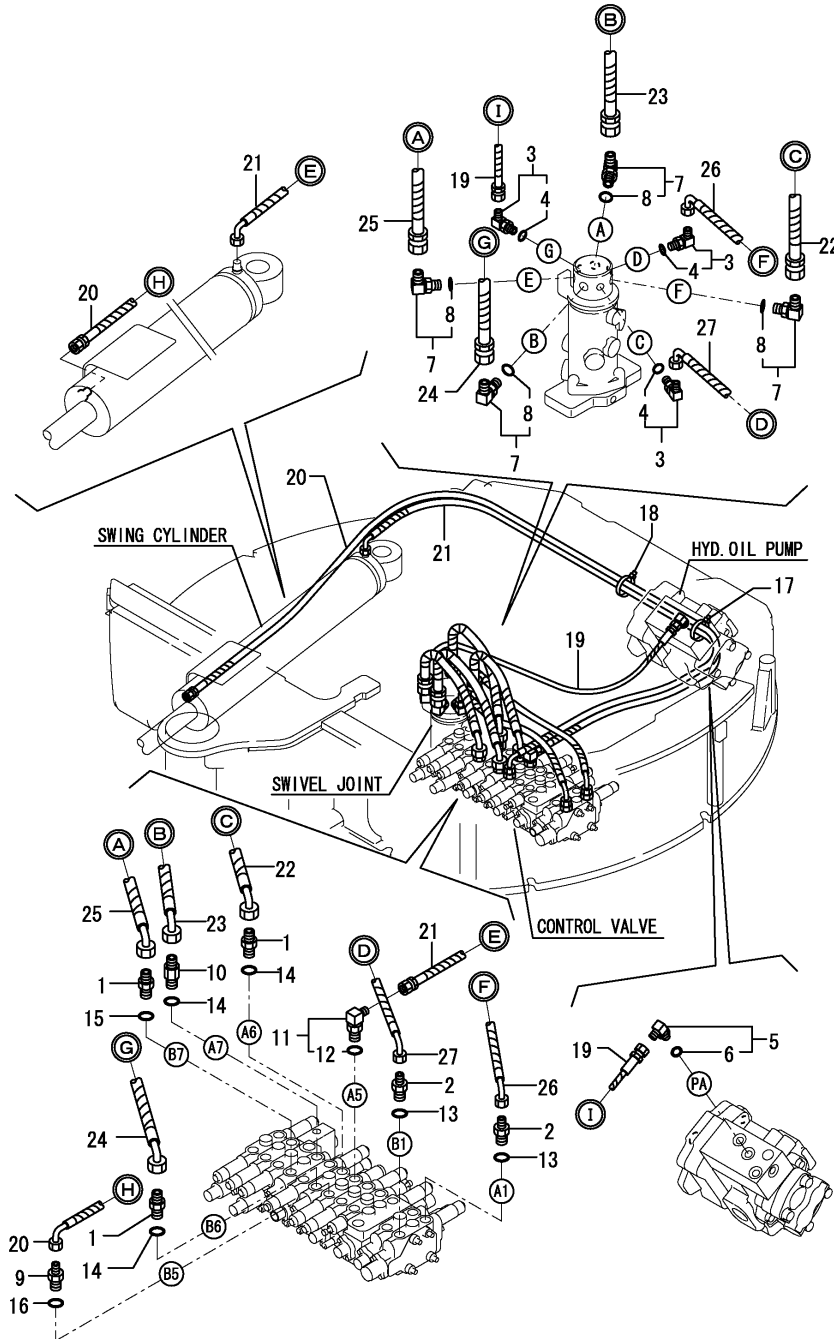


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2	2	2	2	2		
2	1	172457-76100	TEE, ADJUSTABLE	1	1	1	1	1	1		
3	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
4	1	172123-76121	ADAPTER	1	1	1	1	1	1		
5	1	172162-76131	ADAPTER	2	2	2	2	2	2		
6	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1		
7	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
8	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1		
9	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
10	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
11	1	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
12	1	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
13	1	172457-78130	HOSE	1	1	1	1	1	1		
14	1	172457-78150	HOSE	1	1	1	1	1	1		
15	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		
16	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		

Fig.85. CONTROL VALVE - SWIVEL JOINT & SWING CYLINDER

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

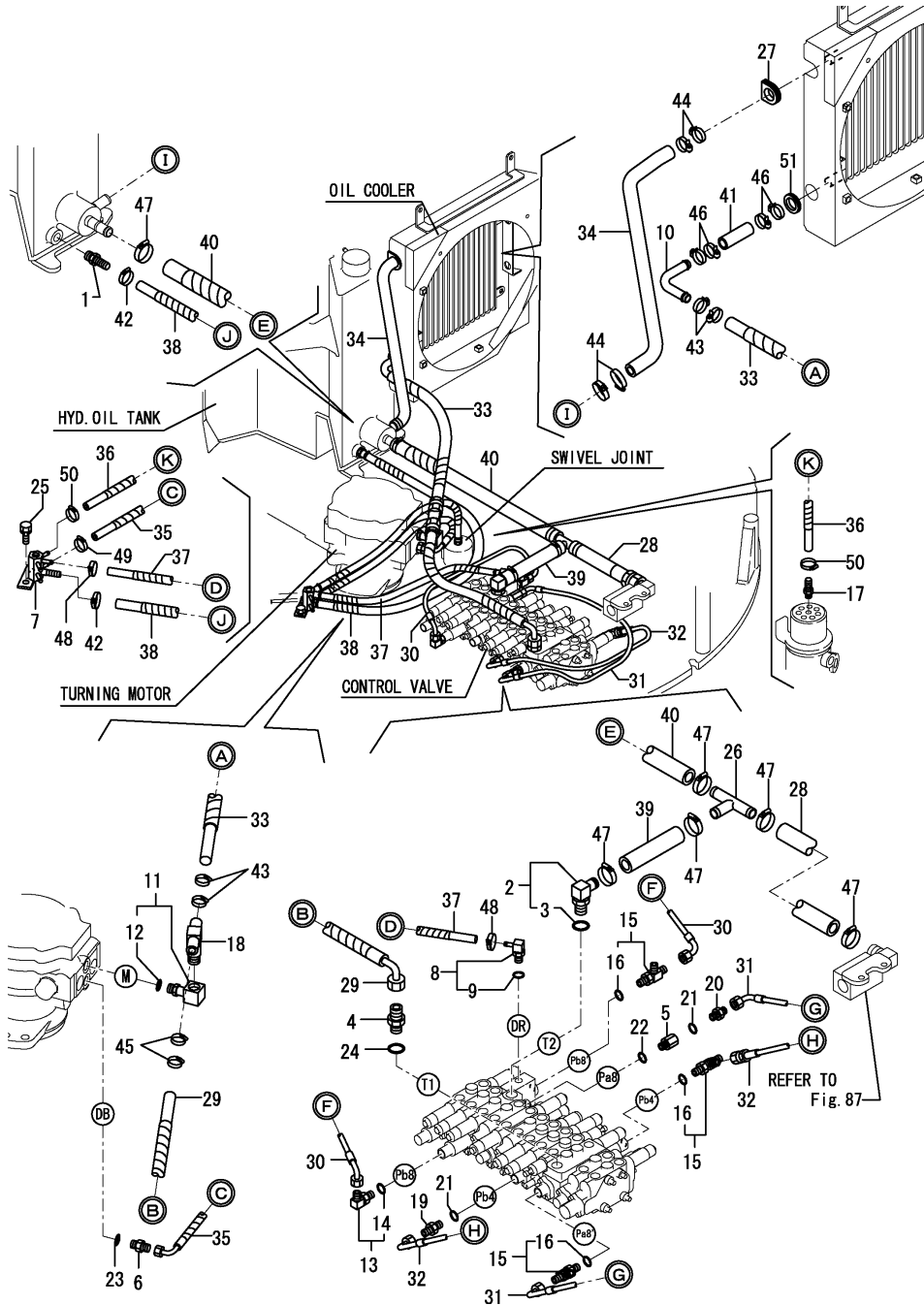
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76131	ADAPTER	3	3	3	3	3	3		
2	1	172422-76130	CONNECTOR, PF1/4-3/8	2	2	2	2	2	2		
3	1	172141-76180	CONNECTOR ASSY	3	3	3	3	3	3		
4	2	24315-000110	O-RING, 1BP11.0	3	3	3	3	3	3		
5	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1		
6	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
7	1	172142-76181	JOINT ASSY	4	4	4	4	4	4		
8	2	24315-000140	O-RING, 1BP14.0	4	4	4	4	4	4		
9	1	172147-76260	CONNECTOR, 3/8X1/4	1	1	1	1	1	1		
10	1	172116-76381	ADAPTER, 64	1	1	1	1	1	1		
11	1	172141-76920	CONNECTOR ASSY	1	1	1	1	1	1		
12	2	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
13	1	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
14	1	24315-000140	O-RING, 1BP14.0	3	3	3	3	3	3		
15	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
16	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
17	1	172126-11510	BAND	1	1	1	1	1	1		
18	1	172126-11510	BAND	1	1	1	1	1	1		
19	1	172457-78140	HOSE	1	1	1	1	1	1		
20	1	172458-78220	HOSE	1	1	1	1	1	1		
21	1	172458-78230	HOSE	1	1	1	1	1	1		
22	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		
23	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		
24	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		
25	1	172458-78270	HOSE, F206BC052S	1	1	1	1	1	1		
26	1	172422-78290	HOSE	1	1	1	1	1	1		
27	1	172422-78290	HOSE	1	1	1	1	1	1		

Fig.86. RETURN

(A)=VIO27-3 C(US) (D)=VIO27-3 P(AS)
 (B)=VIO27-3 P(US) (E)=VIO27-3 C(NZ)
 (C)=VIO27-3 C(AS) (F)=VIO27-3 P(NZ)

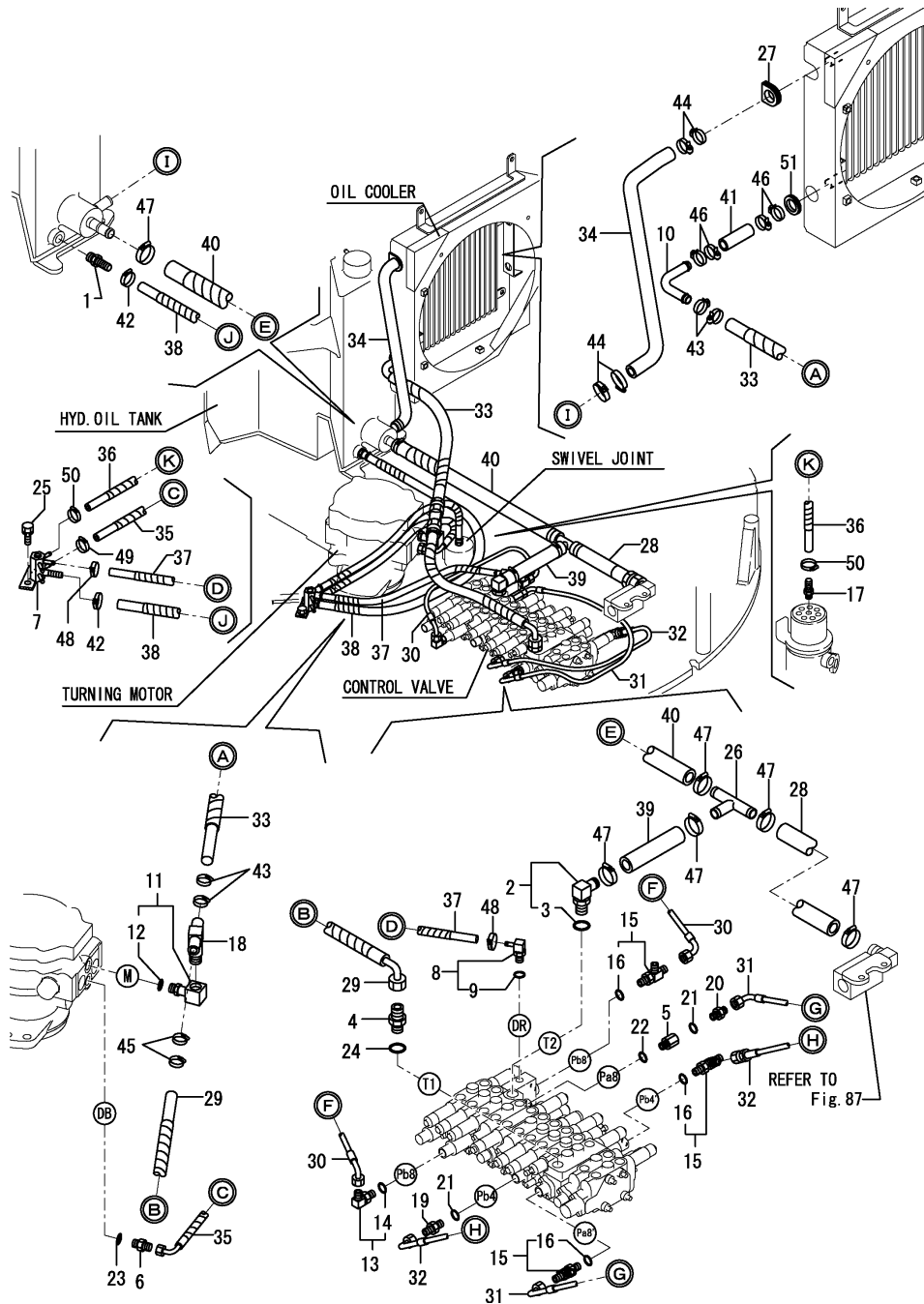


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-76110	NIPPLE	1	1	1	1	1	1	1	Z
		(A=M/#30997) (B=M/#30997) (C=M/#30997) (D=M/#30997)						(E=M/#30997) (F=M/#30997)			
2	1	172164-76131	ELBOW	1	1	1	1	1	1	1	
3	2	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1	1	
4	1	172458-76130	CONNECTOR	1	1	1	1	1	1	1	
5	1	172422-76140	CONNECTOR	1	1	1	1	1	1	1	
6	1	172157-76150	CONNECTOR	1	1	1	1	1	1	1	
7	1	172445-76152	BLOCK, DRAIN	1	1	1	1	1	1	1	
7-1	1	172445-76153	BLOCK, DRAIN	1	1	1	1	1	1	1	R
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
8	1	172458-76150	NIPPLE, ELBOW	1	1	1	1	1	1	1	
9	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1	1	
10	1	172490-76150	PIPE	1	1	1	1	1	1	1	
11	1	172458-76160	ELBOW	1	1	1	1	1	1	1	
12	2	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1	1	
13	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1	1	
14	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1	1	
15	1	172162-76180	JOINT ASSY, 3-1/4	3	3	3	3	3	3	3	
16	2	24315-000110	O-RING, 1BP11.0	3	3	3	3	3	3	3	
17	1	172141-76220	NIPPLE, 02	1	1	1	1	1	1	1	
18	1	172458-76230	CONNECTOR, T JOINT	1	1	1	1	1	1	1	
19	1	172164-76330	JOINT, PF1/4-0.7	1	1	1	1	1	1	1	
20	1	172164-76330	JOINT, PF1/4-0.7	1	1	1	1	1	1	1	
21	1	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2	2	
22	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1	1	
23	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1	1	
24	1	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1	1	
25	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
26	1	172472-76110	JOINT	1	1	1	1	1	1	1	
27	1	172165-62800	GROMMET	1	1	1	1	1	1	1	
28	1	172447-75320	HOSE, DRAIN	1	1	1	1	1	1	1	
29	1	172458-78261	HOSE, G608CY045S	1	1	1	1	1	1	1	
30	1	172458-78290	HOSE, F403CC042	1	1	1	1	1	1	1	
31	1	172458-78300	HOSE, F403CC074	1	1	1	1	1	1	1	
32	1	172458-78310	HOSE, F403BC053	1	1	1	1	1	1	1	
33	1	172458-78321	HOSE, G608YY055S	1	1	1	1	1	1	1	
34	1	172A25-78510	HOSE	1	1	1	1	1	1	1	
35	1	172458-78520	HOSE, G604CY060S	1	1	1	1	1	1	1	
36	1	172458-78530	HOSE, G604YY054S	1	1	1	1	1	1	1	
37	1	172458-78540	HOSE, G604YY045S	1	1	1	1	1	1	1	
38	1	172458-78550	HOSE, G606YY093S	1	1	1	1	1	1	1	
39	1	172472-78560	HOSE	1	1	1	1	1	1	1	
40	1	172472-78570	HOSE	1	1	1	1	1	1	1	
41	1	172A23-78850	HOSE	1	1	1	1	1	1	1	
42	1	23001-016000	CLAMP, HOSE 16	2	2	2	2	2	2	2	
43	1	23001-022000	CLAMP, HOSE 22	4	4	4	4	4	4	4	
44	1	23001-022000	CLAMP, HOSE 22	4	4	4	4	4	4	4	
45	1	23001-022000	CLAMP, HOSE 22	2	2	2	2	2	2	2	
46	1	23001-022000	CLAMP, HOSE 22	4	4	4	4	4	4	4	
47	1	23001-035000	CLAMP, HOSE 35	6	6	6	6	6	6	6	
48	1	23010-014000	CLAMP, 14	2	2	2	2	2	2	2	

N:Old \xrightarrow{Yes} New, Q:Old \xrightarrow{No} New, R:Old \xrightarrow{Yes} New, S:Old \xrightarrow{No} New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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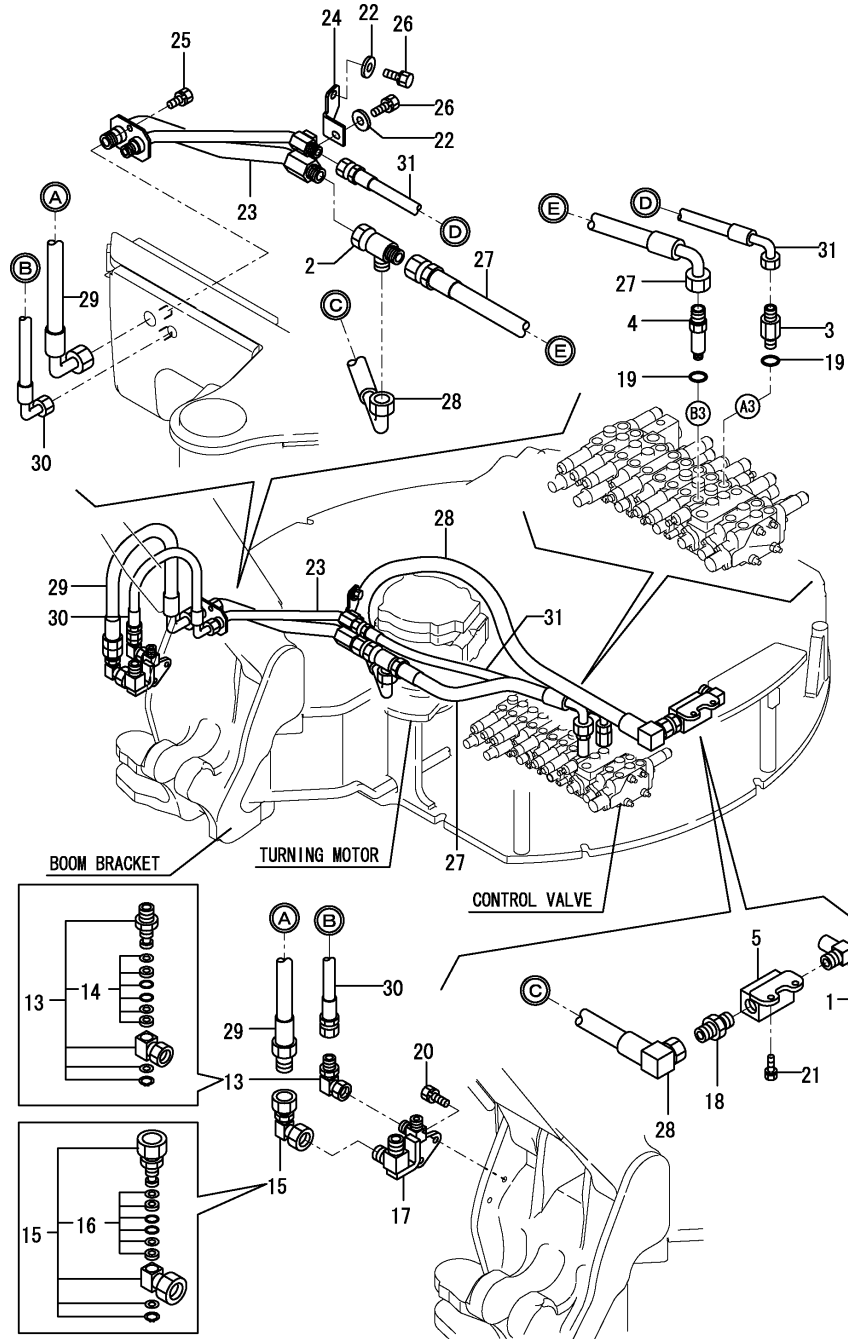
Fig.86. RETURN

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)
 (D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	1	23010-014000	CLAMP, 14	1	1	1	1	1	1		
50	1	23010-014000	CLAMP, 14	2	2	2	2	2	2		
51	1	29311-252000	GROMET, 25.0X2	1	1	1	1	1	1		

Fig.87. P.T.O.(FRAME END)



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

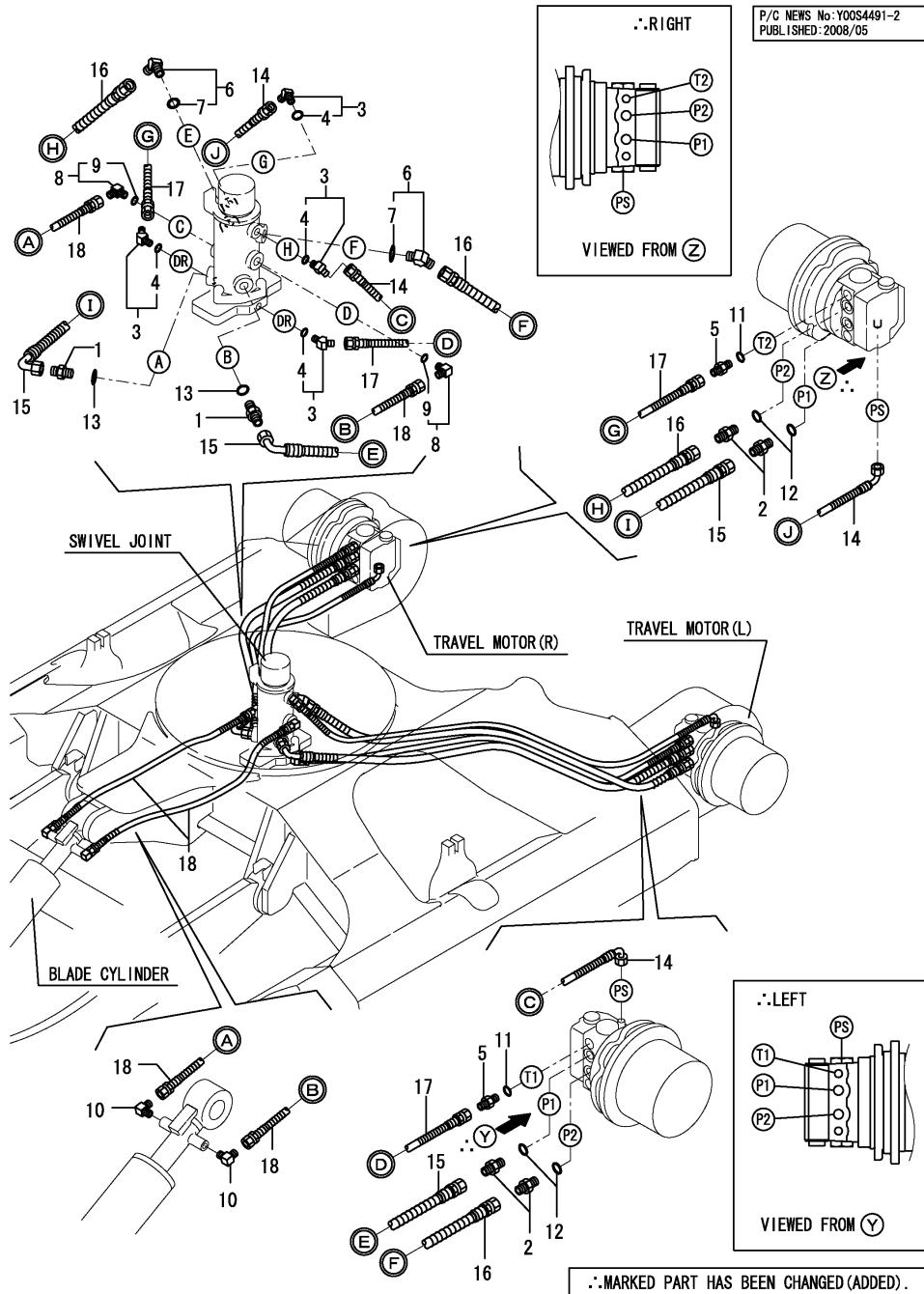
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172467-76120	ELBOW	1	1	1	1	1	1		
2	1	172989-76120	CONNECTOR	1	1	1	1	1	1		
3	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1	1	1	1		
4	1	172422-76191	CONNECTOR, PF3/8X3/4	1	1	1	1	1	1		
5	1	172472-76200	VALVE ASSY, STOP	1	1	1	1	1	1		
5-1	1	172472-76201	VALVE ASSY, STOP	1	1	1	1	1	1		R
		(A=M/#31248)	(B=M/#31248)	(C=M/#31248)	(D=M/#31248)	(E=M/#31248)	(F=M/#31248)				
13	1	172142-76270	JOINT, SWIVEL 1/2	1	1	1	1	1	1		
14	2	172142-77040	SEAL SET	1	1	1	1	1	1		
15	1	172142-76280	JOINT, SWIVEL	1	1	1	1	1	1		
16	2	172142-77050	SEAL SET	1	1	1	1	1	1		
17	1	172458-76700	JOINT ASSY, PTO	1	1	1	1	1	1		
18	1	23391-060000	JOINT, RGI-3/4	1	1	1	1	1	1		
19	1	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
20	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
21	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
22	1	172110-36010	COLLAR	2	2	2	2	2	2		
23	1	172458-76800	TUBE ASSY	1	1	1	1	1	1		
24	1	172458-76880	PLATE	1	1	1	1	1	1		
25	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
26	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
27	1	172472-78530	HOSE	1	1	1	1	1	1		
28	1	172472-78540	HOSE	1	1	1	1	1	1		
29	1	172458-78941	HOSE	1	1	1	1	1	1		
30	1	172458-78951	HOSE	1	1	1	1	1	1		
31	1	172458-78970	HOSE	1	1	1	1	1	1		

Fig.88. TRAVEL FRAME

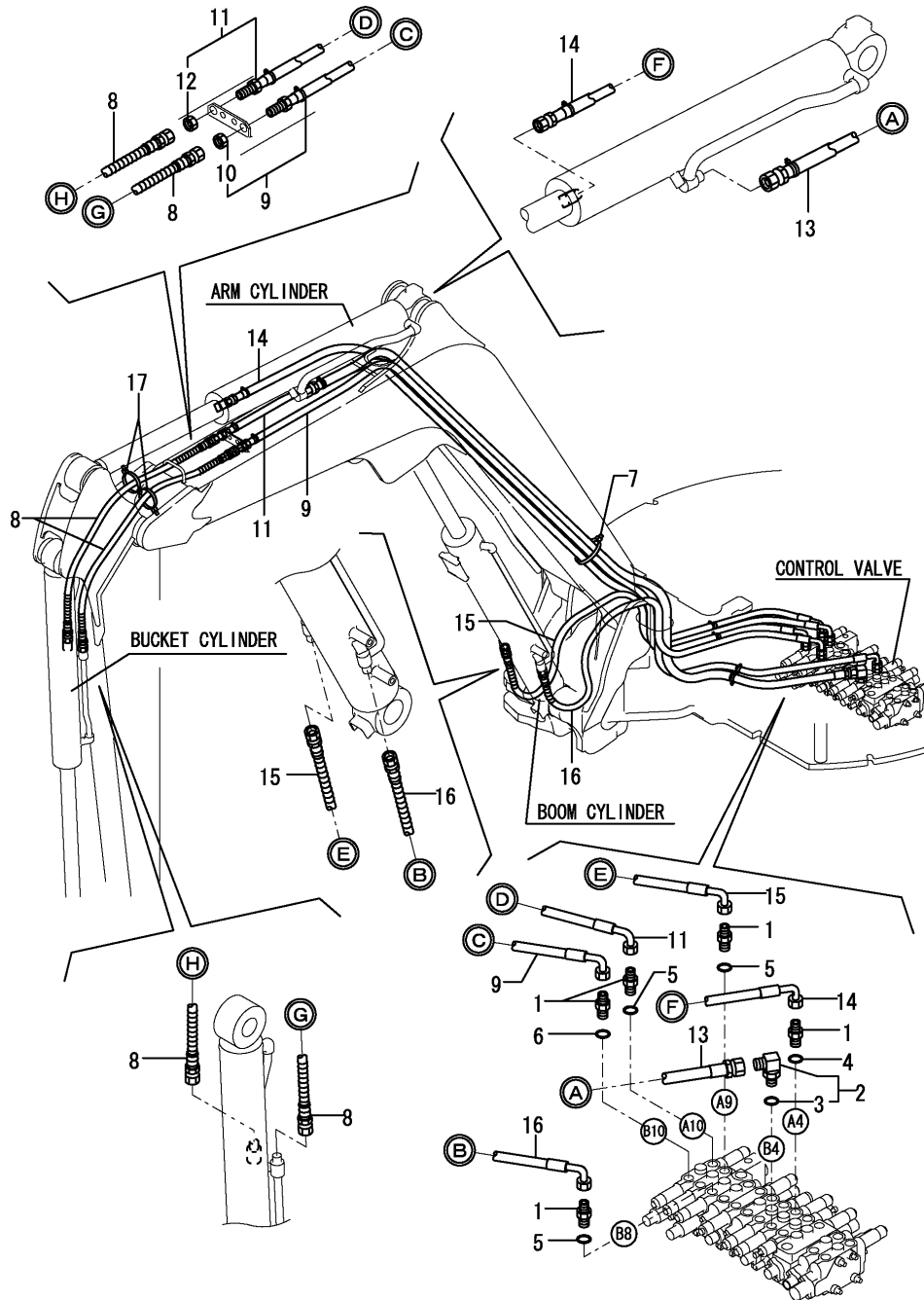
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



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

Fig.89. BOOM



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

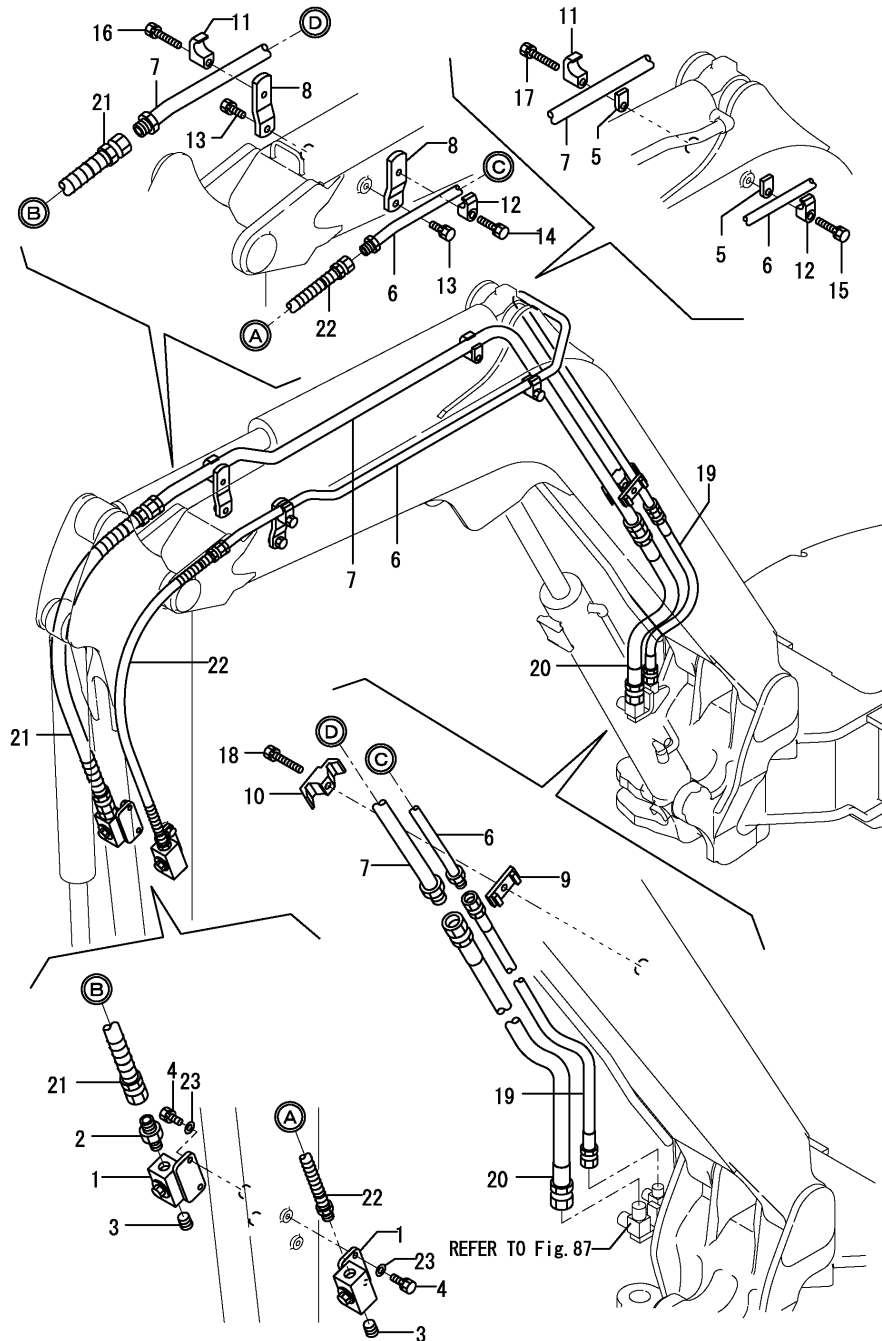
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	5	5	5	5	5	5		
2	1	172645-76570	CONNECTOR ASSY	1	1	1	1	1	1		
3	2	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
4	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
5	1	24315-000140	O-RING, 1BP14.0	3	3	3	3	3	3		
6	1	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
7	1	172183-16560	CLIP, HOSE	1	1	1	1	1	1		
8	1	172957-78150	HOSE	2	2	2	2	2	2		
9	1	172457-78160	HOSE	1	1	1	1	1	1		
10	2	172455-79770	NUT, LOCK	1	1	1	1	1	1		
11	1	172457-78170	HOSE	1	1	1	1	1	1		
12	2	172455-79770	NUT, LOCK	1	1	1	1	1	1		
13	1	172457-78180	HOSE	1	1	1	1	1	1		
14	1	172457-78190	HOSE	1	1	1	1	1	1		
15	1	172458-78200	HOSE	1	1	1	1	1	1		
16	1	172458-78210	HOSE	1	1	1	1	1	1		
17	1	172122-79930	CLAMP, HOSE	2	2	2	2	2	2		

Fig.90. P.T.O.(ARM END)

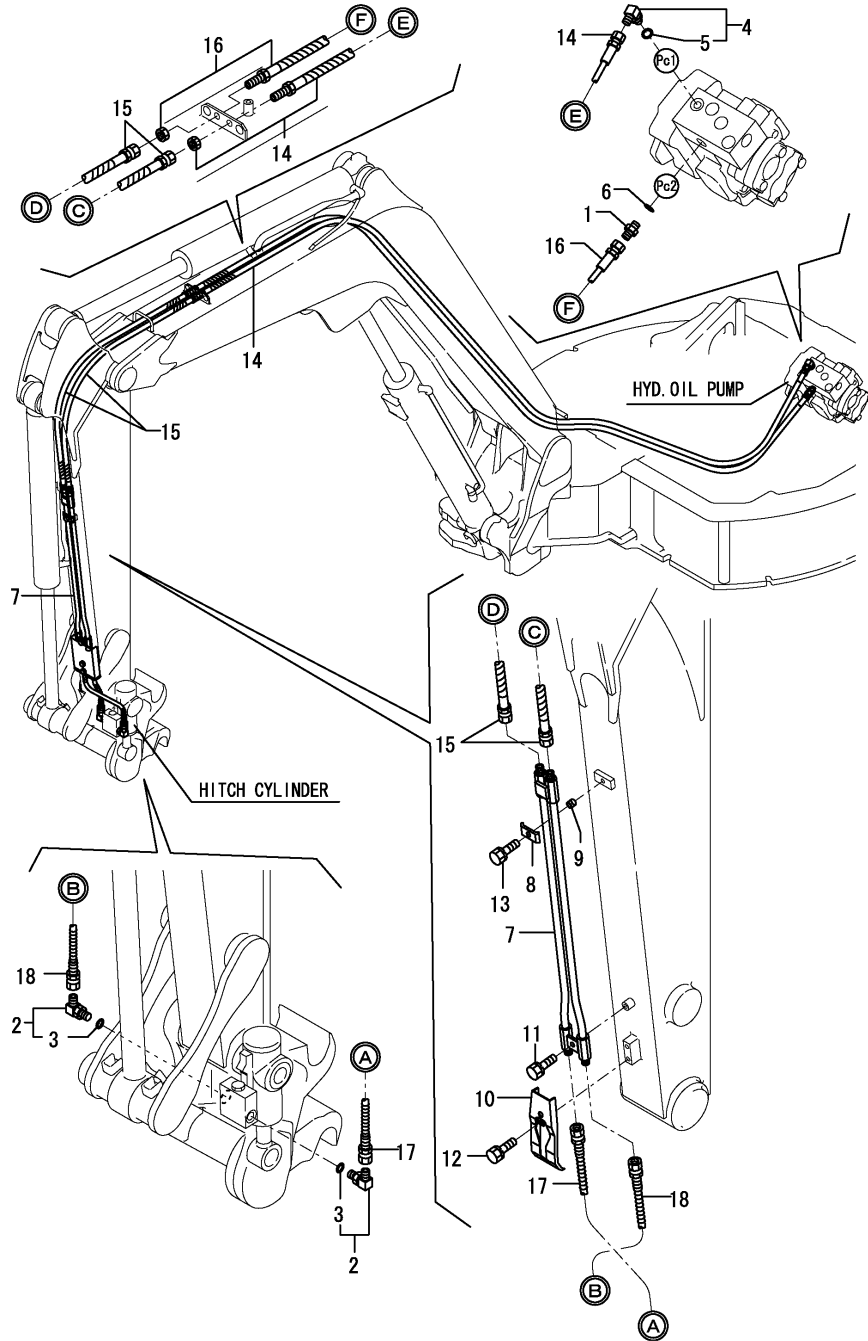
(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820-3	VALVE, STOP	2	2	2	2	2	2		
1-1	1	172183-74821	VALVE, STOP	2	2	2	2	2	2		R
		(A=M/#31248) (B=M/#31248) (C=M/#31248) (D=M/#31248)		(E=M/#31248)		(F=M/#31248)					
2	1	172633-76160	ADAPTER	1	1	1	1	1	1		
3	1	23871-040000	PLUG, R04	2	2	2	2	2	2		
4	1	26013-100252	BOLT, M10X 25	4	4	4	4	4	4		
5	1	172183-76250-1	PLATE	2	2	2	2	2	2		
6	1	172457-76601-1	TUBE, PTO	1	1	1	1	1	1		
7	1	172457-76650-1	TUBE, PTO	1	1	1	1	1	1		
8	1	172458-76680-1	STAY	2	2	2	2	2	2		
9	1	172458-76750-1	SPACER, PIPE	1	1	1	1	1	1		
10	1	172125-76900	CLAMP	1	1	1	1	1	1		
11	1	172142-76940	CLAMP	2	2	2	2	2	2		
12	1	172142-76950	CLAMP	2	2	2	2	2	2		
13	1	26013-120302	BOLT, M12X 30	2	2	2	2	2	2		
14	1	26013-120402	BOLT, M12X 40	1	1	1	1	1	1		
15	1	26013-120502	BOLT, M12X 50	1	1	1	1	1	1		
16	1	26013-120552	BOLT, M12X 55	1	1	1	1	1	1		
17	1	26013-120652	BOLT, M12X 65	1	1	1	1	1	1		
18	1	26013-120652	BOLT, M12X 65	1	1	1	1	1	1		
19	1	172472-78510	HOSE	1	1	1	1	1	1		
20	1	172472-78520	HOSE	1	1	1	1	1	1		
21	1	172957-78900	HOSE	1	1	1	1	1	1		
22	1	172957-78910	HOSE	1	1	1	1	1	1		
23	1	22117-100000	WASHER, 10	4	4	4	4	4	4		W
		(A=M/#30718) (B=M/#30718) (C=M/#30718) (D=M/#30718)		(E=M/#30718)		(F=M/#30718)					

Fig.91. QUICK COUPLER



(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

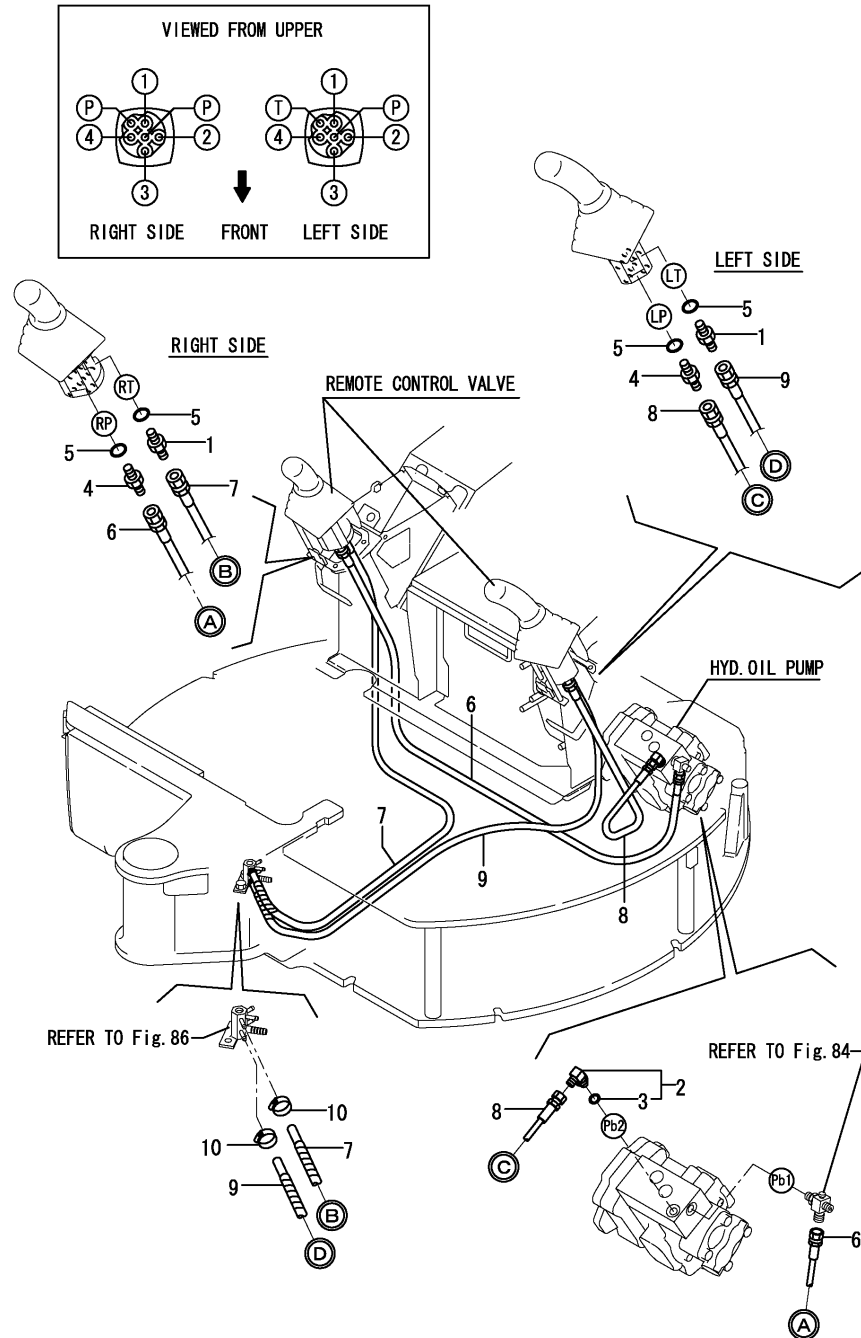
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1	1	1	1		
2	1	172958-76130	ELBOW	2	2	2	2	2	2		
3	2	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
4	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1		
5	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
6	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
7	1	172958-76101-1	TUBE, HITCH	1	1	1	1	1	1		
7-1	1	172958-76102-1	TUBE, HITCH	1	1	1	1	1	1		N
		(A=M/#35253) (B=M/#35253) (C=M/#35253) (D=M/#35253) (E=M/#35253) (F=M/#35253)									
8	1	172110-76170-1	PLATE	1	1	1	1	1	1		
9	1	172137-76580	COLLAR	1	1	1	1	1	1		
10	1	172958-81903-1	COVER, ARM	1	1	1	1	1	1		
10-1	1	172958-81904-2	COVER, ARM	1	1	1	1	1	1		N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ) (E=MZZZZZ) (F=MZZZZZ)									
11	1	26013-080162	BOLT, M8X 16	1	1	1	1	1	1		
12	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
13	1	26013-080252	BOLT, M8X 25	1	1	1	1	1	1		
14	1	172957-78100	HOSE	1	1	1	1	1	1		
15	1	172957-78111	HOSE	2	2	2	2	2	2		
16	1	172957-78130	HOSE	1	1	1	1	1	1		
17	1	172958-78200	HOSE	1	1	1	1	1	1		
18	1	172958-78210	HOSE	1	1	1	1	1	1		

Fig.92. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

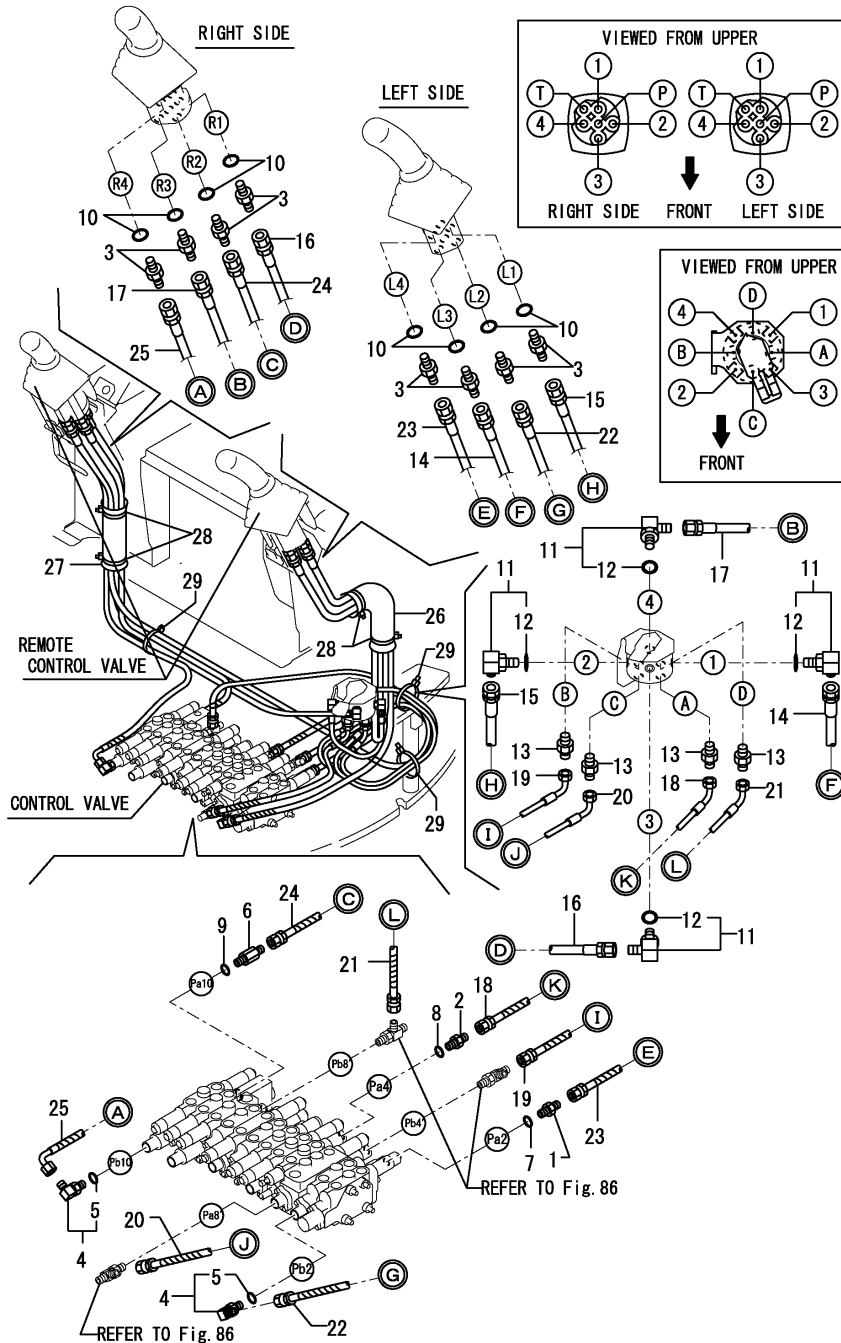


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2	2	2	2	2	2		
2	1	172141-76180	CONNECTOR ASSY	1	1	1	1	1	1		
3	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
4	1	172455-76220	CONNECTOR	2	2	2	2	2	2		
5	1	24315-000110	O-RING, 1BP11.0	4	4	4	4	4	4		
6	1	172472-78220	HOSE	1	1	1	1	1	1		
7	1	172472-78230	HOSE	1	1	1	1	1	1		
8	1	172472-78240	HOSE	1	1	1	1	1	1		
9	1	172472-78250	HOSE	1	1	1	1	1	1		
10	1	23000-013000	CLAMP, 13	2	2	2	2	2	2		

Fig.93. CONTROL PIPING(REMOTE CONTROL VALVE - 2WAY VALVE - CONTROL VALVE)

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

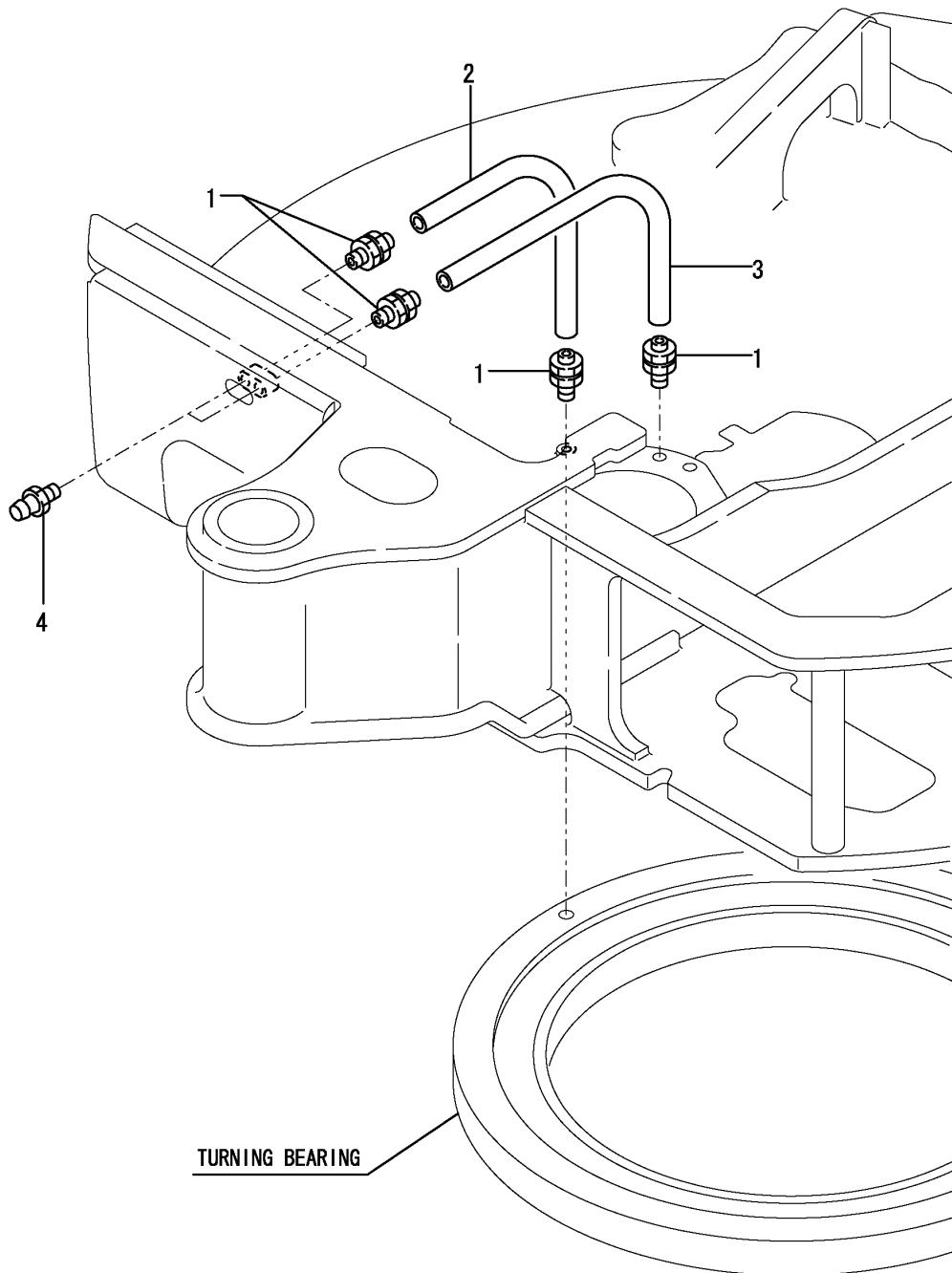


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1	1	1	1		
2	1	172123-76121	ADAPTER	1	1	1	1	1	1		
3	1	172123-76121	ADAPTER	8	8	8	8	8	8		
4	1	172141-76180	CONNECTOR ASSY	2	2	2	2	2	2		
5	2	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
6	1	172183-76200	CONNECTOR	1	1	1	1	1	1		
7	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
8	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
9	1	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
10	1	24315-000110	O-RING, 1BP11.0	8	8	8	8	8	8		
11	1	172141-76180	CONNECTOR ASSY	4	4	4	4	4	4		
12	2	24315-000110	O-RING, 1BP11.0	4	4	4	4	4	4		
13	1	23391-020000	JOINT, RGI-1/4	4	4	4	4	4	4		
14	1	172472-78100	HOSE	1	1	1	1	1	1		
15	1	172472-78110	HOSE	1	1	1	1	1	1		
16	1	172472-78120	HOSE	1	1	1	1	1	1		
17	1	172472-78130	HOSE	1	1	1	1	1	1		
18	1	172472-78140	HOSE	1	1	1	1	1	1		
19	1	172472-78150	HOSE	1	1	1	1	1	1		
20	1	172472-78160	HOSE	1	1	1	1	1	1		
21	1	172472-78170	HOSE	1	1	1	1	1	1		
22	1	172472-78180	HOSE	1	1	1	1	1	1		
23	1	172472-78190	HOSE	1	1	1	1	1	1		
24	1	172472-78200	HOSE	1	1	1	1	1	1		
25	1	172472-78210	HOSE	1	1	1	1	1	1		
26	1	172472-78800	SPONGE, HOSE	1	1	1	1	1	1		
27	1	172165-79810	SPONGE, HOSE	1	1	1	1	1	1		
28	1	172122-79930	CLAMP, HOSE	4	4	4	4	4	4		
29	1	172122-79930	CLAMP, HOSE	3	3	3	3	3	3		

Fig.94. GREASING

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

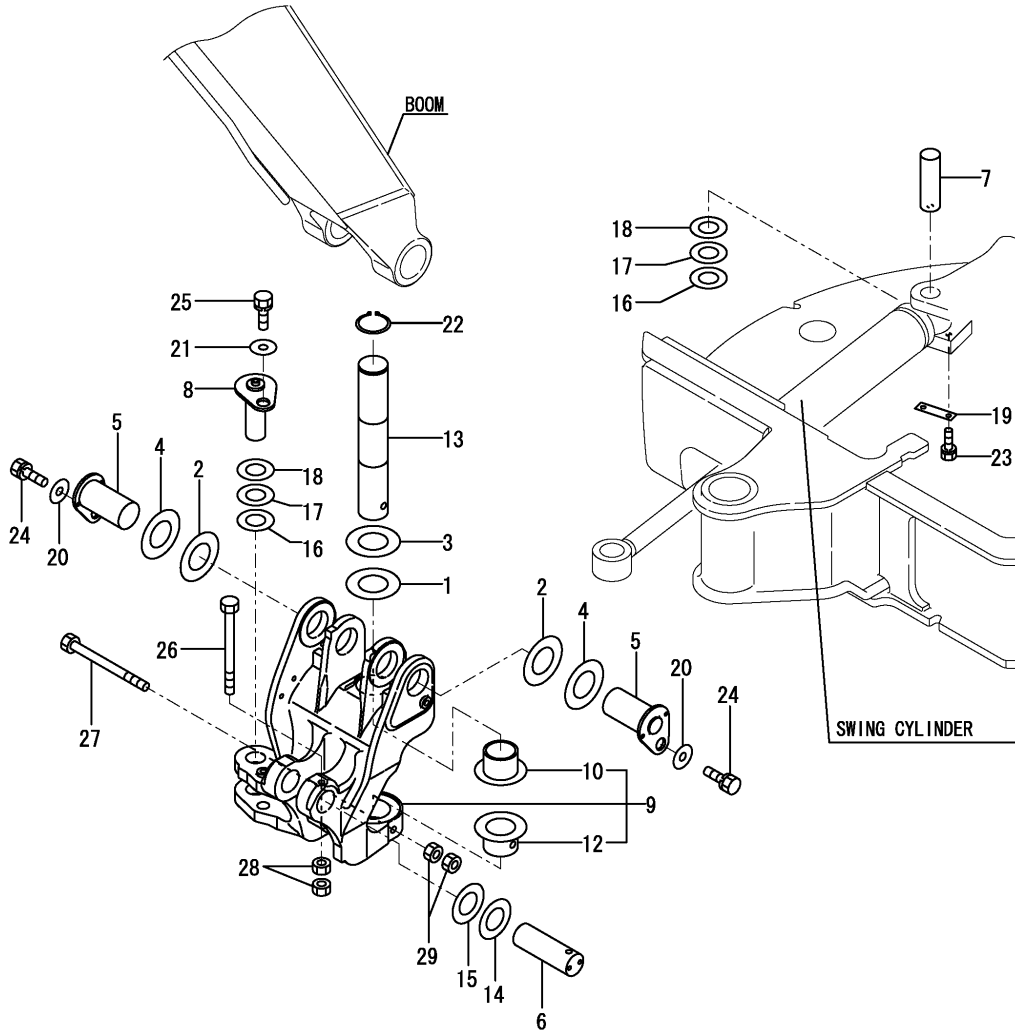


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-77800	JOINT, GREASE	4	4	4	4	4	4		
2	1	172151-77801	HOSE	1	1	1	1	1	1		
3	1	172164-77800	HOSE	1	1	1	1	1	1		
4	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		

Fig.95. BOOM BRACKET

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)

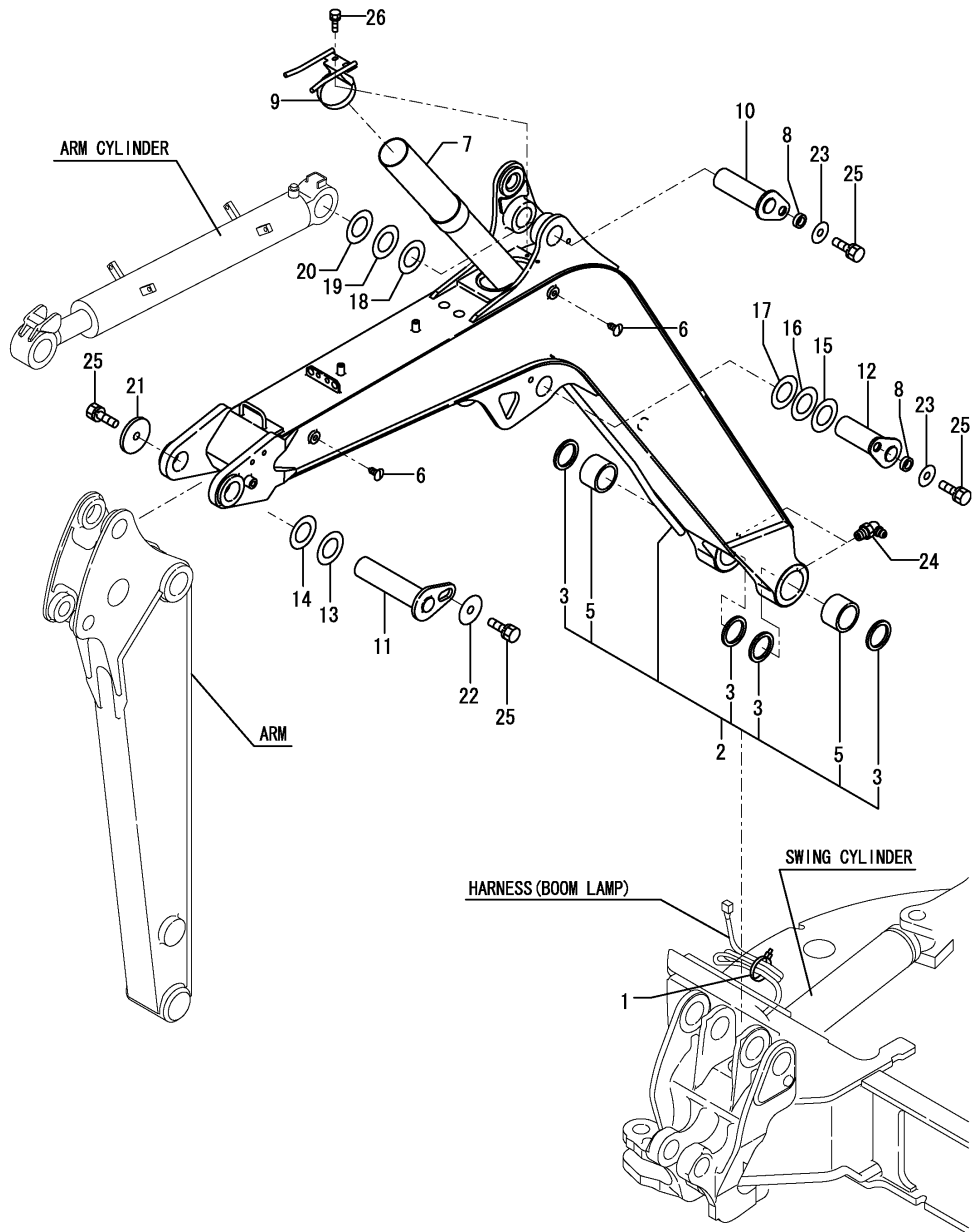


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172175-81700	SHIM	1	1	1	1	1	1		
2	1	172175-81700	SHIM	2	2	2	2	2	2		
3	1	172175-81710	SHIM	1	1	1	1	1	1		
4	1	172175-81710	SHIM	2	2	2	2	2	2		
5	1	172458-81800	PIN ASSY	2	2	2	2	2	2		
6	1	172458-81830	PIN	1	1	1	1	1	1		
7	1	172458-81920	PIN	1	1	1	1	1	1		
8	1	172458-81930-1	PIN	1	1	1	1	1	1		
9	1	172458-82300-1	BRACKET, BOOM	1	1	1	1	1	1		
10	2	172142-82310	BUSH 60X50	1	1	1	1	1	1		
12	2	172458-82320	BUSH 60X50	1	1	1	1	1	1		
13	1	172458-82330	PIN 60X334.5	1	1	1	1	1	1		
14	1	172165-82520	SHIM	1	1	1	1	1	1		
15	1	172165-82530	SHIM	1	1	1	1	1	1		
16	1	172165-82580	SHIM	2	2	2	2	2	2		
17	1	172165-82590	SHIM	2	2	2	2	2	2		
18	1	172165-82600	SHIM	2	2	2	2	2	2		Z
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)	(D=M/#30876)	(E=M/#30876)	(F=M/#30876)				
18-1	1	172A25-81900	SHIM	2	2	2	2	2	2		W
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)	(D=M/#30876)	(E=M/#30876)	(F=M/#30876)				
19	1	172117-83970-6	PLATE, LOCK	1	1	1	1	1	1		
20	1	22157-120000	WASHER, 12	2	2	2	2	2	2		
21	1	22157-120000	WASHER, 12	1	1	1	1	1	1		
22	1	22242-000600	RING, 60	1	1	1	1	1	1		
23	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
24	1	26013-120302	BOLT, M12X 30	2	2	2	2	2	2		
25	1	26013-120302	BOLT, M12X 30	1	1	1	1	1	1		
26	1	26116-121402	BOLT, M12X140 PLATED	1	1	1	1	1	1		
27	1	26206-141502	BOLT, M14X150 PLATED	1	1	1	1	1	1		
28	1	26716-120002	NUT, M12	2	2	2	2	2	2		
29	1	26716-140002	NUT, M14	2	2	2	2	2	2		

Fig.96. BOOM

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



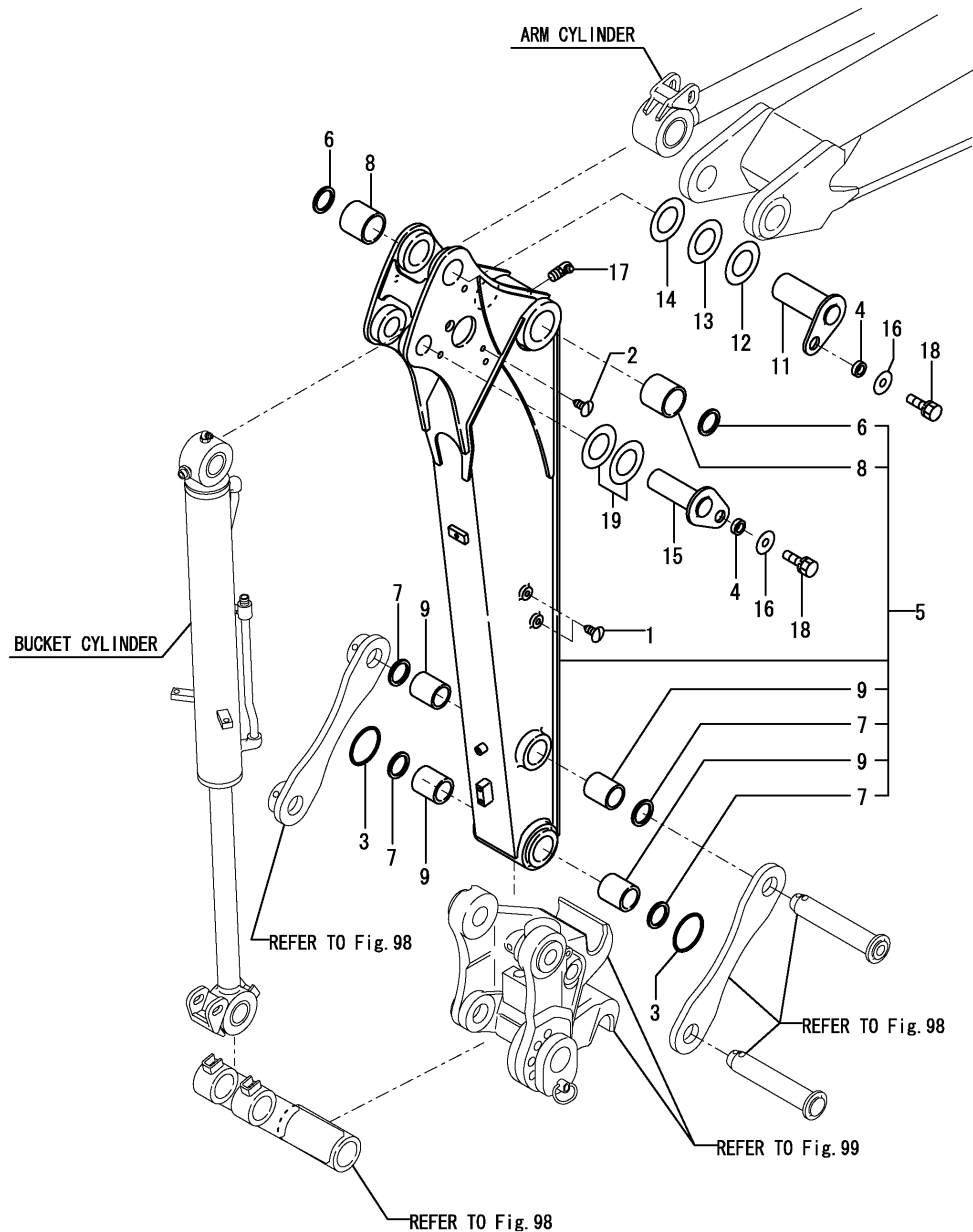
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1	1	1	1	1		
2	1	172A24-81091-1	BOOM ASSY	1	1	1	1	1	1		1
3	2	172020-10620	SEAL, DUST	4	4	4	4	4	4		
5	2	172458-81400	BUSH	2	2	2	2	2	2		
6	1	172183-81170	CLIP, TREE	5	5	5	5	5	5		
6-1	1	172176-68210	CLIP, TREE	5	5	5	5	5	5		N
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
7	1	172457-81451	PIPE ASSY, PROTECT	1	1	1	1	1	1		
8	1	172164-81670	SPACER	2	2	2	2	2	2		
9	1	172458-81751-1	CLAMP, PIPE	1	1	1	1	1	1		
10	1	172457-81840	PIN 40X153 ASSY	1	1	1	1	1	1		
11	1	172458-81840	PIN ASSY	1	1	1	1	1	1		
12	1	172457-81860	PIN 45X153 ASSY	1	1	1	1	1	1		
13	1	172165-82520	SHIM	1	1	1	1	1	1		
14	1	172165-82530	SHIM	1	1	1	1	1	1		
15	1	172165-82550	SHIM	1	1	1	1	1	1		
16	1	172165-82560	SHIM	1	1	1	1	1	1		
17	1	172165-82570	SHIM	1	1	1	1	1	1		
18	1	172165-82580	SHIM	1	1	1	1	1	1		
19	1	172165-82590	SHIM	1	1	1	1	1	1		
20	1	172165-82600	SHIM	1	1	1	1	1	1		Z
		(A=M/#30876) (B=M/#30876) (C=M/#30876) (D=M/#30876) (E=M/#30876) (F=M/#30876)									
20-1	1	172A25-81900	SHIM	1	1	1	1	1	1		W
		(A=M/#30876) (B=M/#30876) (C=M/#30876) (D=M/#30876) (E=M/#30876) (F=M/#30876)									
21	1	172146-82910	SPACER	1	1	1	1	1	1		
22	1	172444-82990	WASHER	1	1	1	1	1	1		
23	1	22157-120000	WASHER, 12	2	2	2	2	2	2		
24	1	24761-050000	NIPPLE, GREASE C	2	2	2	2	2	2		
25	1	26013-120252	BOLT, M12X 25	4	4	4	4	4	4		
26	1	26014-080162	BOLT, M8X 16	2	2	2	2	2	2		
27A	1	172437-03510	LABEL, HOOK	1	1	1	1	1	1		2
27A-1	1	172437-03511	LABEL, HOOK	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
27B	1	172171-03261	LABEL, BOOM	2	2	2	2	2	2		2
27C	1	172472-03270	LABEL, SAND US	1	1	1	1	1	1		2
27C-1	1	172472-03271	LABEL, SANDUS	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
27D	1	172472-03280	LABEL	1	1	1	1	1	1		2
27D-1	1	172472-03281	LABEL, WARNING HITCH	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
27E	1	172437-03431	LABEL, STEERING	1	1	1	1	1	1		2
27E-1	1	172437-03432	LABEL, STEERING	1	1	1	1	1	1		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									
27F	1	172437-03460	LABEL, BOOM	2	2	2	2	2	2		2
27F-1	1	172437-03461	LABEL, BOOM	2	2	2	2	2	2		N 2
		(A=M/#30778) (B=M/#30778) (C=M/#30778) (D=M/#30778) (E=M/#30778) (F=M/#30778)									

Remarks
 (1) Attach the No.27A, 27B, 27C, 27D, 27E & 27F label to this part.
 (2) Label is not illustrated.

Fig.97. ARM

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81160	CLIP, TREE	4	4	4	4	4	4		
2	1	172183-81160	CLIP, TREE	1	1	1	1	1	1		
3	1	172142-81620	O-RING	2	2	2	2	2	2		
4	1	172164-81670	SPACER	2	2	2	2	2	2		
5	1	172957-81702-1	ARM ASSY	1	1	1	1	1	1		1
6	2	172448-54120	SEAL, DUST	2	2	2	2	2	2		
7	2	172168-81270	SEAL, DUST	4	4	4	4	4	4		
8	2	172444-81310	BUSH, PIN	2	2	2	2	2	2		
9	2	172458-81630	BUSH	4	4	4	4	4	4		
11	1	172457-81880	PIN 40X116 ASSY	1	1	1	1	1	1		
12	1	172165-82580	SHIM	1	1	1	1	1	1		
13	1	172165-82590	SHIM	1	1	1	1	1	1		
14	1	172165-82600	SHIM	1	1	1	1	1	1		Z
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)	(D=M/#30876)	(E=M/#30876)	(F=M/#30876)				
14-1	1	172A25-81900	SHIM	1	1	1	1	1	1		W
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)	(D=M/#30876)	(E=M/#30876)	(F=M/#30876)				
15	1	172458-83710	PIN ASSY	1	1	1	1	1	1		
16	1	22157-120000	WASHER, 12	2	2	2	2	2	2		
17	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
18	1	26013-120252	BOLT, M12X 25	2	2	2	2	2	2		
19	1	933171-29751	SHIM SET	1	1	1	1	1	1		
22A	1	172472-03230	LABEL, OPERATION	1	1	1	1	1	1		2
22B	1	172472-03260	LABEL, FINGER	1	1	1	1	1	1		2
22B-1	1	172472-03261	LABEL, FINGER	1	1	1	1	1	1		N 2
		(A=M/#30778)	(B=M/#30778)	(C=M/#30778)	(D=M/#30778)	(E=M/#30778)	(F=M/#30778)				
22C	1	172472-03330	LABEL, LOCK PIN	1	1	1	1	1	1		W 2
		(A=M/#30876)	(B=M/#30876)	(C=M/#30876)	(D=M/#30876)	(E=M/#30876)	(F=M/#30876)				

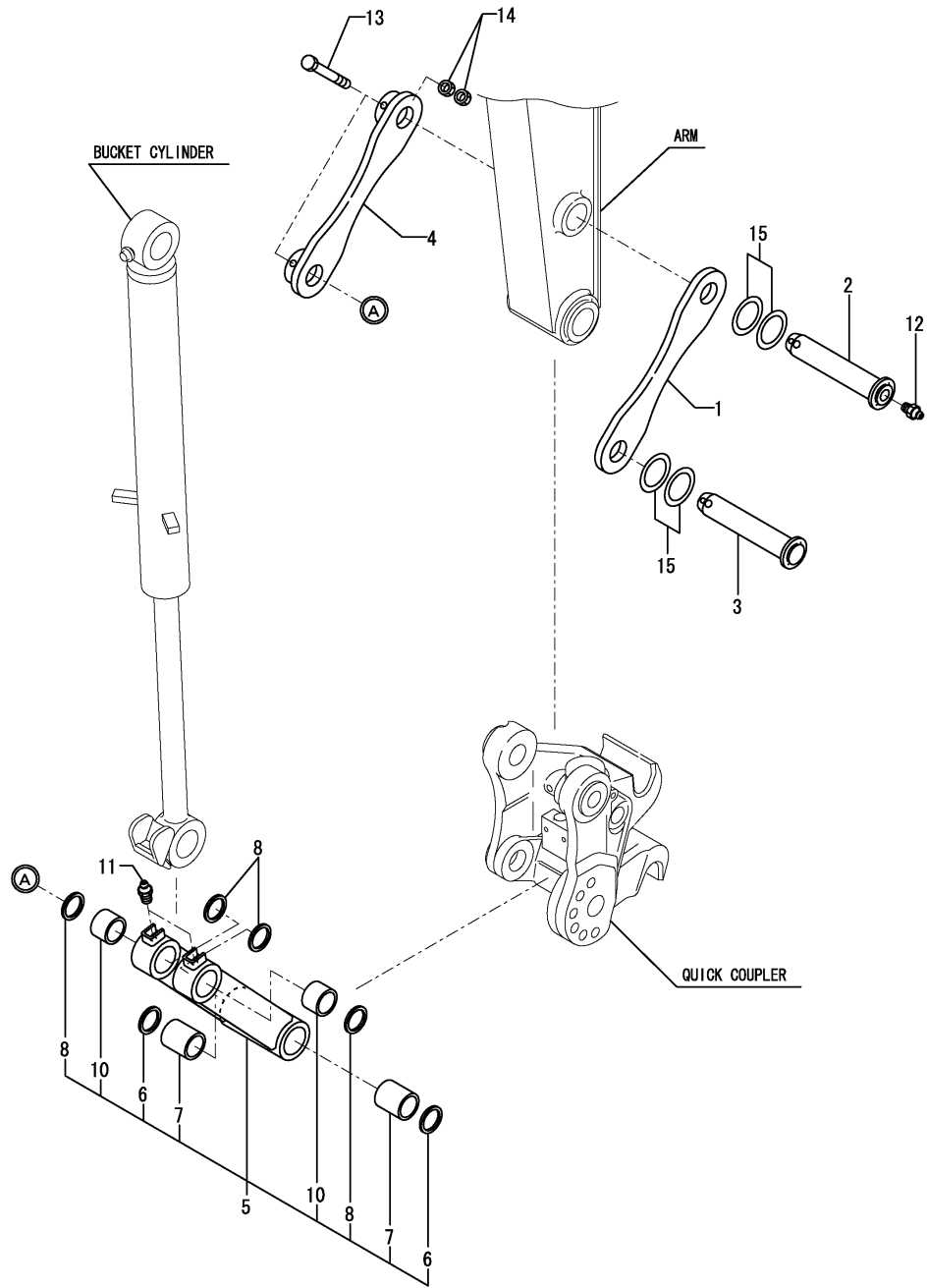
Remarks

- (1) Attach the No.22A, 22B & 22C label to this part.
- (2) Label is not illustrated.

Fig.98. BUCKET ARM & LINK

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

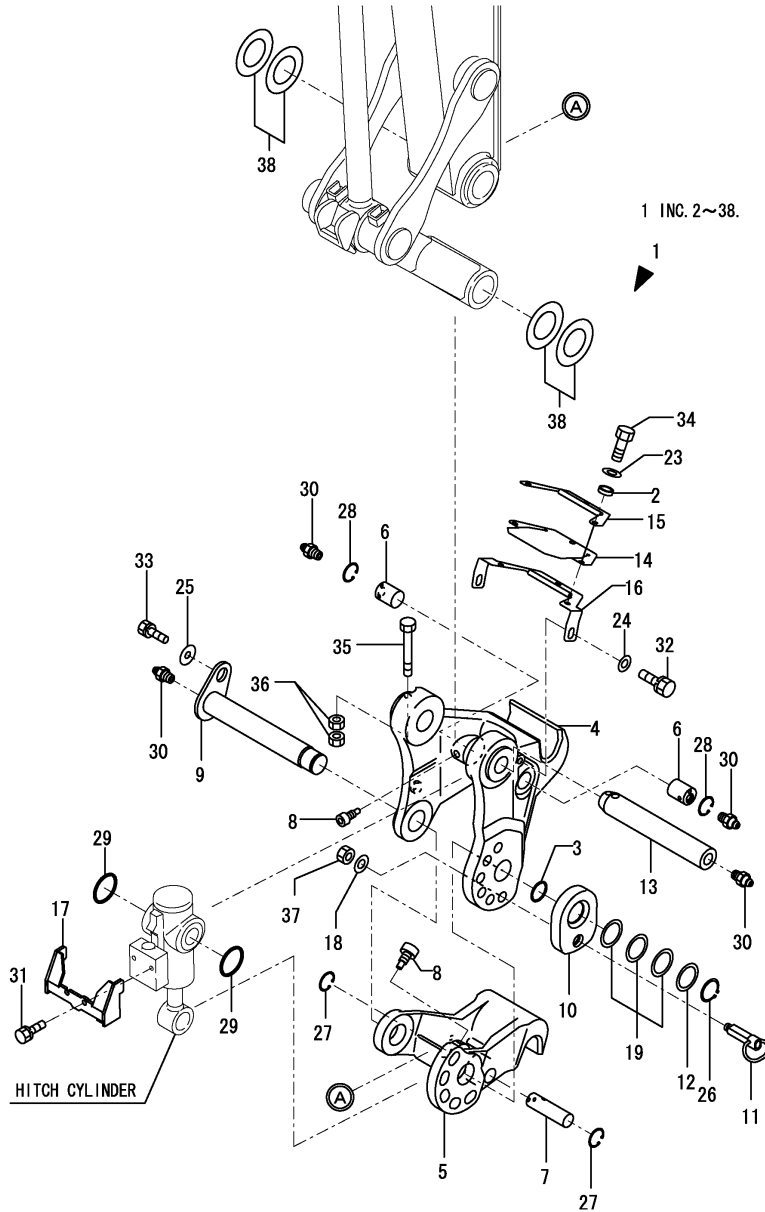
(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81820-5	ARM, BUCKET	1	1	1	1	1	1		
2	1	172458-81860	PIN ASSY	1	1	1	1	1	1		
3	1	172458-81890	PIN ASSY	1	1	1	1	1	1		
4	1	172458-82600-1	ARM, BUCKET	1	1	1	1	1	1		
5	1	172458-82651-1	LINK, BUCKET	1	1	1	1	1	1		
6	2	172168-81270	SEAL, DUST	2	2	2	2	2	2		
7	2	172458-81630	BUSH	2	2	2	2	2	2		
8	2	172122-82290	SEAL, DUST	4	4	4	4	4	4		
10	2	172168-84411	BUSH	2	2	2	2	2	2		
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
12	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
13	1	26116-100752	BOLT, M10X 75 PLATED	2	2	2	2	2	2		
14	1	26716-100002	NUT, M10	4	4	4	4	4	4		
15	1	933171-29751	SHIM SET	2	2	2	2	2	2		

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-08700	QUICK HITCH ASSY	1	1	1	1	1	1		
2	2	172958-17120	COLLAR	3	3	3	3	3	3		
3	2	172124-46200	O-RING	1	1	1	1	1	1		
4	2	172958-83102-1	BRACKET	1	1	1	1	1	1		
5	2	172958-83111-1	BRACKET	1	1	1	1	1	1		
6	2	172958-83120	PIN	2	2	2	2	2	2		
7	2	172958-83130	PIN	1	1	1	1	1	1		
7-1	1	172958-83131	PIN	1	1	1	1	1	1		N
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX) (E=M/#XXXXX) (F=M/#XXXXX)									
8	2	172958-83140	BOLT	3	3	3	3	3	3		
9	2	172958-83150	PIN ASSY	1	1	1	1	1	1		
10	2	172958-83171-1	PLATE, LOCK	1	1	1	1	1	1		1
11	2	172958-83182	PIN ASSY, LOCK	1	1	1	1	1	1		2
12	2	172960-83210	COLLAR	1	1	1	1	1	1		
13	2	172958-83220	PIN	1	1	1	1	1	1		
14	2	172958-83251	PLATE, RUBBER	1	1	1	1	1	1		
15	2	172958-83261-1	PLATE	1	1	1	1	1	1		
15-1	1	172958-83281-1	GUARD ASSY	1	1	1	1	1	1		N
		(A=M/#30921) (B=M/#30921) (C=M/#30921) (D=M/#30921) (E=M/#30921) (F=M/#30921)									
16	2	172958-83271-1	GUARD ASSY	1	1	1	1	1	1		
17	2	172958-83292-1	COVER, HITCH	1	1	1	1	1	1		
18	2	172958-83330	WASHER	1	1	1	1	1	1		
19	2	172141-84601	SHIM	1	1	1	1	1	1		
23	2	22137-080000	WASHER, 8	3	3	3	3	3	3		
24	2	22137-100000	WASHER, 10	2	2	2	2	2	2		
25	2	22157-120000	WASHER, 12	1	1	1	1	1	1		
26	2	22242-000350	RING, 35	1	1	1	1	1	1		
27	2	22252-000250	RING, 25	2	2	2	2	2	2		
28	2	22252-000300	RING, 30	2	2	2	2	2	2		
29	2	24311-000480	O-RING, 1AP48.0	2	2	2	2	2	2		
30	2	24761-020000	NIPPLE, GREASE PT1/8	4	4	4	4	4	4		
31	2	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
32	2	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
33	2	26013-120302	BOLT, M12X 30	1	1	1	1	1	1		
34	2	26116-080202	BOLT, M8X 20 PLATED	3	3	3	3	3	3		
35	2	26116-100802	BOLT, M10X 80 PLATED	1	1	1	1	1	1		
36	2	26716-100002	NUT, M10	2	2	2	2	2	2		
37	2	26756-060002	NUT, LOCK M6	1	1	1	1	1	1		
38	2	933171-29751	SHIM SET	2	2	2	2	2	2		
41A	1	172458-03240	LABEL, LOCK	1	1	1	1	1	1		3
42A	1	172958-03160	LABEL	1	1	1	1	1	1		3

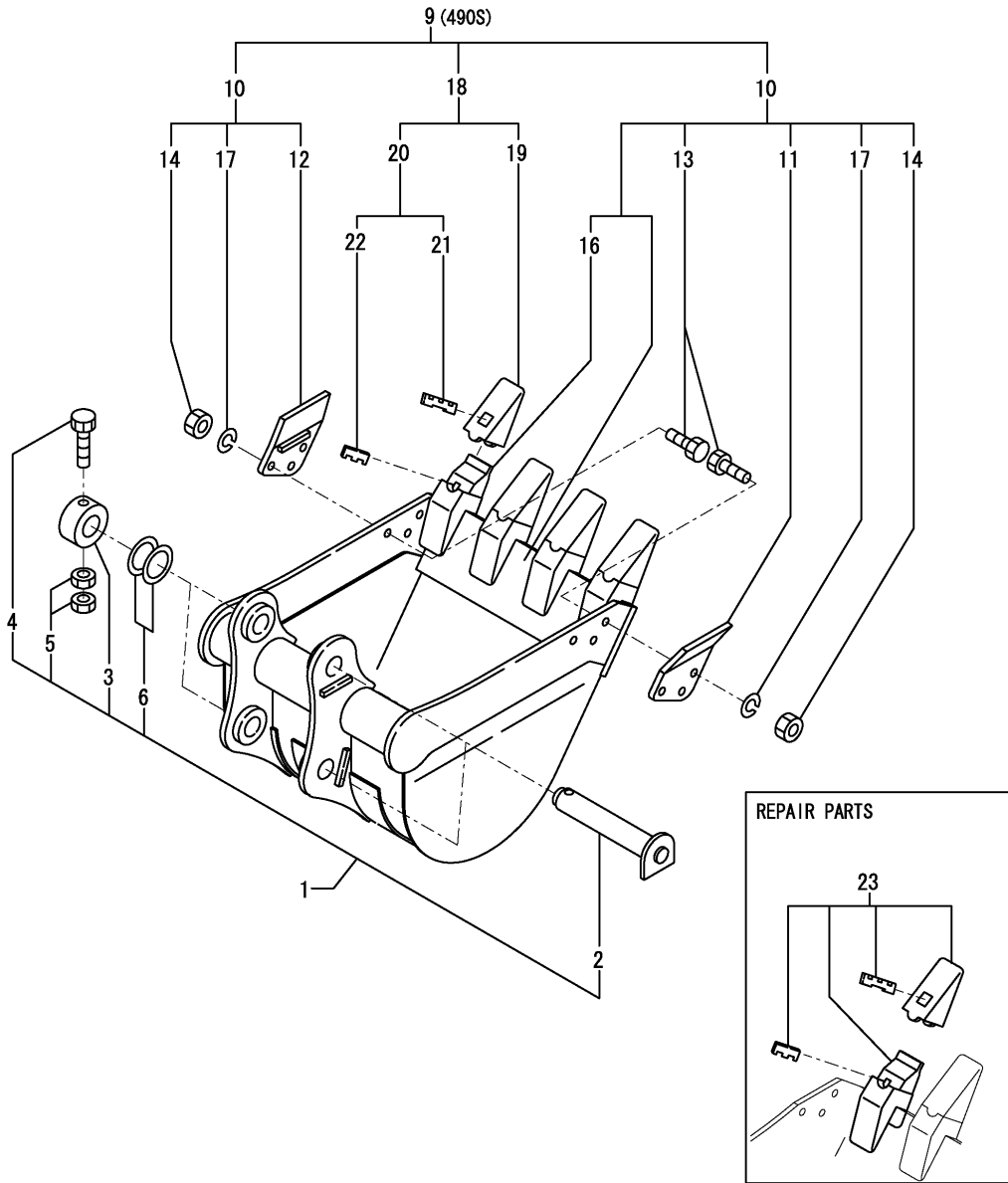
Remarks

- (1) Attach the No.41A label to this part.
- (2) Attach the No.42A label to this part.
- (3) Label is not illustrated.

Fig.100. BUCKET

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



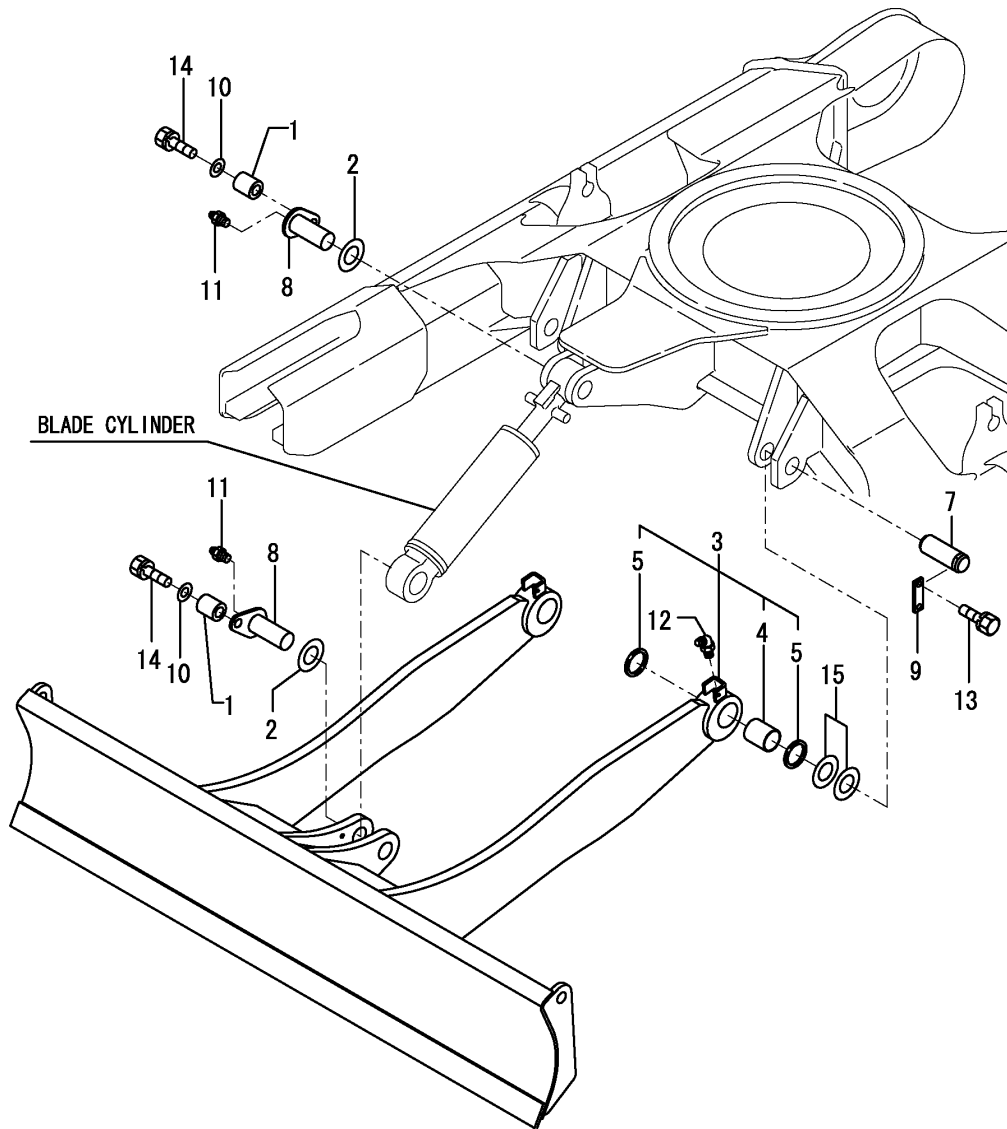
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-81590	PIN KIT, BUCKET	2	2	2	2	2	2		
2	2	172958-81600	PIN ASSY	2	2	2	2	2	2		
3	2	172164-81700	COLLAR	2	2	2	2	2	2		
4	2	26116-100652	BOLT, M10X 65 PLATED	2	2	2	2	2	2		
5	2	26716-100002	NUT, M10	4	4	4	4	4	4		
6	2	933171-29751	SHIM SET	2	2	2	2	2	2		
9	1	172458-82500-1	BUCKET ASSY, 490S	1	1				1	1	
10	2	172458-82580-1	BUCKET ASSY, 490S	1	1				1	1	W
		(A=M/#35036) (B=M/#35036)				(E=M/#35036)			(F=M/#35036)		
11	3	172458-82240-1	CUTTER, SIDE	1	1				1	1	
12	3	172458-82260-1	CUTTER, SIDE	1	1				1	1	
13	3	172458-82280	BOLT	6	6				6	6	
14	3	172458-82290	NUT	6	6				6	6	
16	4	172458-82231	ADAPTER	3	3				3	3	
17	3	22217-140000	WASHER, SPRING 14	6	6				6	6	
18	2	172448-82950	TOOTH KIT, POINT	3	3				3	3	
19	3	172448-82570-1	TOOTH, POINT	3	3				3	3	
20	3	172448-82960	PIN ASSY, LOCK	3	3				3	3	
21	4	172448-82580	PIN, LOCK	3	3				3	3	
22	4	172448-82590	RUBBER, PIN	3	3				3	3	
23	1	772458-82231-1	TOOTH ASSY	3	3				3	3	1

Remarks
 (1)Repair parts.

Fig.101. BLADE

(A)=VIO27-3 C(US)
 (B)=VIO27-3 P(US)
 (C)=VIO27-3 C(AS)

(D)=VIO27-3 P(AS)
 (E)=VIO27-3 C(NZ)
 (F)=VIO27-3 P(NZ)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	SPACER	2	2	2	2	2	2		
2	1	172112-87860	SHIM	2	2	2	2	2	2		
3	1	172A24-94100-1	BLADE ASSY	1	1	1	1	1	1	1	1
4	2	172168-72240	BUSH	2	2	2	2	2	2		
5	2	172168-81270	SEAL, DUST	4	4	4	4	4	4		
7	1	172422-94210	PIN	2	2	2	2	2	2		
8	1	172142-94241-W	PIN	2	2	2	2	2	2		
9	1	172124-94310-2	PLATE, LOCK	2	2	2	2	2	2		
10	1	22157-120000	WASHER, 12	2	2	2	2	2	2		
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
12	1	24761-040000	NIPPLE, GREASE B	2	2	2	2	2	2		
13	1	26013-100252	BOLT, M10X 25	4	4	4	4	4	4		
14	1	26013-120302	BOLT, M12X 30	2	2	2	2	2	2		
15	1	933171-29751	SHIM SET	2	2	2	2	2	2		
18A	1	172437-03510	LABEL, HOOK	2	2	2	2	2	2		2
18A-1	1	172437-03511	LABEL, HOOK	2	2	2	2	2	2	N	2

(A)=M/#30778 (B)=M/#30778 (C)=M/#30778 (D)=M/#30778 (E)=M/#30778 (F)=M/#30778

Remarks
 (1) Attach the No.18A label to this part.
 (2) Label is not illustrated.

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Parts No.	Fig. No.	Ref. No.
104200-11920	11	17
106990-44660	11	26
119247-77100	15	5
119650-77910	15	7
119802-55710	12	18
119802-77200	15	6
119808-12520	6	5
119808-12540	6	6
120147-44810	22	14
121250-49121	10	6
121450-44531	10	20
121468-44510	10	18
121468-44540	10	21
121470-44581	10	23
124450-44560	10	22
124465-44950	20	20
	21	7
124764-44810	1	27
	2	24
	10	43 A
124764-44920	1	28
	2	25
	34	39 A
124766-59050	10	26
		41
	12	22
129100-55690	12	17
129107-44590	10	9
129211-77920	15	8
129457-44520	10	16 -1
129457-44530	10	41 -1
129612-12560	6	7
129612-52100	12	15
172020-10620	96	3
172068-28490	28	30
		38
	32	1
172110-36010	87	22
172110-45050	28	33
		41
172110-76170-1	91	8
172112-87860	101	2
172113-12522	7	5
172116-76381	85	10
172117-83970-6	95	19
172122-37830	24	14
		35
172122-37844	24	15
		36
172122-46590	28	24

Parts No.	Fig. No.	Ref. No.
172122-46590	30	30
	32	31
172122-57610	35	12
172122-57620	35	13
172122-57630	35	10
172122-57640	35	11
172122-70350	63	7
	70	53
		54
172122-70630	71	39
172122-73430	70	62
172122-73470	70	10
	71	40
172122-73480	63	28
		29
	70	11
172122-79930	7	8
	12	23
	89	17
	93	28
		29
172122-82290	98	8
172123-76121	84	4
	88	5
	91	1
	92	1
	93	1
		2
		3
172124-13230	8	9
172124-17640	20	15
	21	5
172124-46200	27	3
	28	16
	30	9
	32	30
	99	3
172124-65480	46	17
172124-70380	71	35
172124-70390	71	2
		36
172124-94310-2	101	9
172125-03950	1	26
	2	23
	6	19 A
172125-03951	1	26 -1
	2	23 -1
	6	19 A-1
172125-76900	90	10
172126-11510	14	1

Parts No.	Fig. No.	Ref. No.
172126-11510	20	1
		2
	61	1
	85	17
		18
	96	1
172126-16540	20	4
172137-12270	7	4
172137-16560	12	13
	14	17
172137-17631	20	13
	21	3
172137-46040	8	11
	65	1
	66	1
172137-46041	8	11 -1
	65	1 -1
	66	1 -1
172137-46210	17	9
172137-69850	41	19
		22
172137-73860	72	5
172137-76110	86	1
172137-76580	91	9
172141-03360	1	19
	2	16
	16	50 A
172141-13490	20	3
	21	1
172141-37320	23	6
	102	3
172141-41340	28	1
172141-41360	26	5
	30	5
	31	5
172141-41370	27	6
	28	3
		6
	30	2
	32	23
		26
172141-50762-2	36	1
172141-50763-4	36	1 -2
172141-70110	70	48
172141-70150	70	50
172141-70160	70	51
172141-70410	70	40
172141-70420	70	41
172141-70450	70	4
172141-70460	70	5

Parts No.	Fig. No.	Ref. No.
172141-70470	70	6
172141-72190	64	13
	65	14
	68	3
172141-72250	64	24
	66	13
	67	8
172141-72690	68	9
172141-73770	82	4
172141-76180	84	6
		8
	85	3
		5
	86	13
	88	8
	91	4
	92	2
	93	4
		11
172141-76220	86	17
172141-76920	85	11
172141-77800	94	1
172141-84601	99	19
172142-57610	35	9
172142-62300	37	11
172142-72260	67	9
172142-72510	66	14
172142-72560	66	21
172142-72951	67	20
172142-73800	72	7
172142-76181	85	7
172142-76270	87	13
172142-76280	87	15
172142-76940	90	11
172142-76950	90	12
172142-77040	87	14
172142-77050	87	16
172142-81620	97	3
172142-82310	95	10
172142-94241-W	101	8
172146-45610	30	28
172146-61370	37	5
	39	4
172146-73730	82	5
172146-82910	96	21
172147-70120	70	49
172147-70220	70	2
172147-70280	71	32
172147-70330	71	34
172147-70390	71	37

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Parts No.	Fig. No.	Ref. No.
172147-70500	71	38
172147-70610	70	80
172147-76260	85	9
172148-70301	63	6
	70	52
	71	33
172148-72050	65	13
172148-72390	65	23
172148-72791	66	26
172148-72941	66	27
172148-73870	72	9
172149-66550	62	2
172151-77801	94	2
172156-65690	47	31
172156-72400	69	2
172156-72770	69	15
172156-81430	10	28
172157-03740	1	25
	2	22
	34	38 A
172157-03741	1	25 -1
	2	22 -1
	34	38 A-1
172157-45840	18	7
172157-45990	30	22
	32	7
172157-58830	79	18
172157-76150	86	6
172162-12480	31	1
172162-13200	8	8
172162-14200	11	5
172162-46690	27	9
172162-61870	39	23
172162-62540	42	5
172162-69050	48	24
172162-69470	52	22
172162-69480	52	23
172162-69490	52	24
172162-69500	52	25
172162-69510	52	26
172162-69520	52	27
172162-69541	52	29
172162-70760	70	81
172162-76131	84	5
	85	1
172162-76180	86	15
172164-45970	29	3
172164-45980	39	2
172164-65730	43	16
	44	16

Parts No.	Fig. No.	Ref. No.
172164-65730	45	9
172164-66170	46	18
	47	9
	52	6
172164-66490	47	32
172164-66640	43	16 -1
	44	16 -1
	45	9 -1
172164-66650	9	8
172164-76131	86	2
172164-76330	86	19
		20
172164-77800	94	3
172164-81670	96	8
	97	4
	101	1
172164-81700	100	3
172164-81820-5	98	1
172165-12140	7	1 A
172165-13220	48	1
	61	2
172165-45970	26	16
172165-46340	30	23
	32	9
172165-47550	27	12
172165-47980	27	15
172165-47990	27	16
172165-53500	34	14
		26
172165-62800	15	4
	86	27
172165-66980	42	18
172165-69190	48	25
172165-71200	63	3
172165-72161	64	9
172165-72310	67	18
172165-79810	93	27
172165-81760	64	7 -1
172165-82520	95	14
	96	13
172165-82530	95	15
	96	14
172165-82550	96	15
172165-82560	96	16
172165-82570	96	17
172165-82580	95	16
	96	18
	97	12
172165-82590	95	17
	96	19

Parts No.	Fig. No.	Ref. No.
172165-82590	97	13
172165-82600	95	18
	96	20
	97	14
172168-11310	5	1
172168-13250	8	10
172168-17601	20	11
	21	2
172168-46760	20	21
172168-54750	34	22
172168-54760	34	23
172168-61560	36	12
172168-65790	9	12
172168-65800	37	10
172168-71101	63	1
172168-71950	70	7
172168-72240	66	18
		23
	101	4
172168-72400	64	10
172168-72410	65	17
		21
	68	6
		13
172168-81270	66	20
		25
	97	7
	98	6
	101	5
172168-81410	64	11
172168-84411	98	10
172171-03261	1	58
	2	55
	96	27 B
172171-13461	12	2
172171-14610	10	17
172173-73440	70	82
172173-76101	88	3
172175-13110	8	3
172175-17120	14	9
172175-72480	67	10
172175-72550	68	4
172175-73700	82	2
172175-73710	82	3
172175-81700	95	1
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172175-81710	95	3
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172176-14620	12	4
172176-68210	96	6 -1

Parts No.	Fig. No.	Ref. No.
172176-73290	63	14
172176-73560	63	35
172176-73590	63	38
172176-73600	63	40
172176-73690	63	42
172176-73880	63	43
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172472-17470	18	6
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