

0CS10-M43501EN

# P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) Vio75-A for U. S. A, Australia, New Zealand.

Pub. No. : 000Y00S4351

Published : Nov. , 2006

2. Parts catalog history

		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	000Y00S4350	Dec. , 2003	Disuse old edition
	Engine	000Y00B7030		
1st revised	Vehicle	000Y00S4351	Nov. , 2006	
	Engine	000Y00B7051		

3. Model name

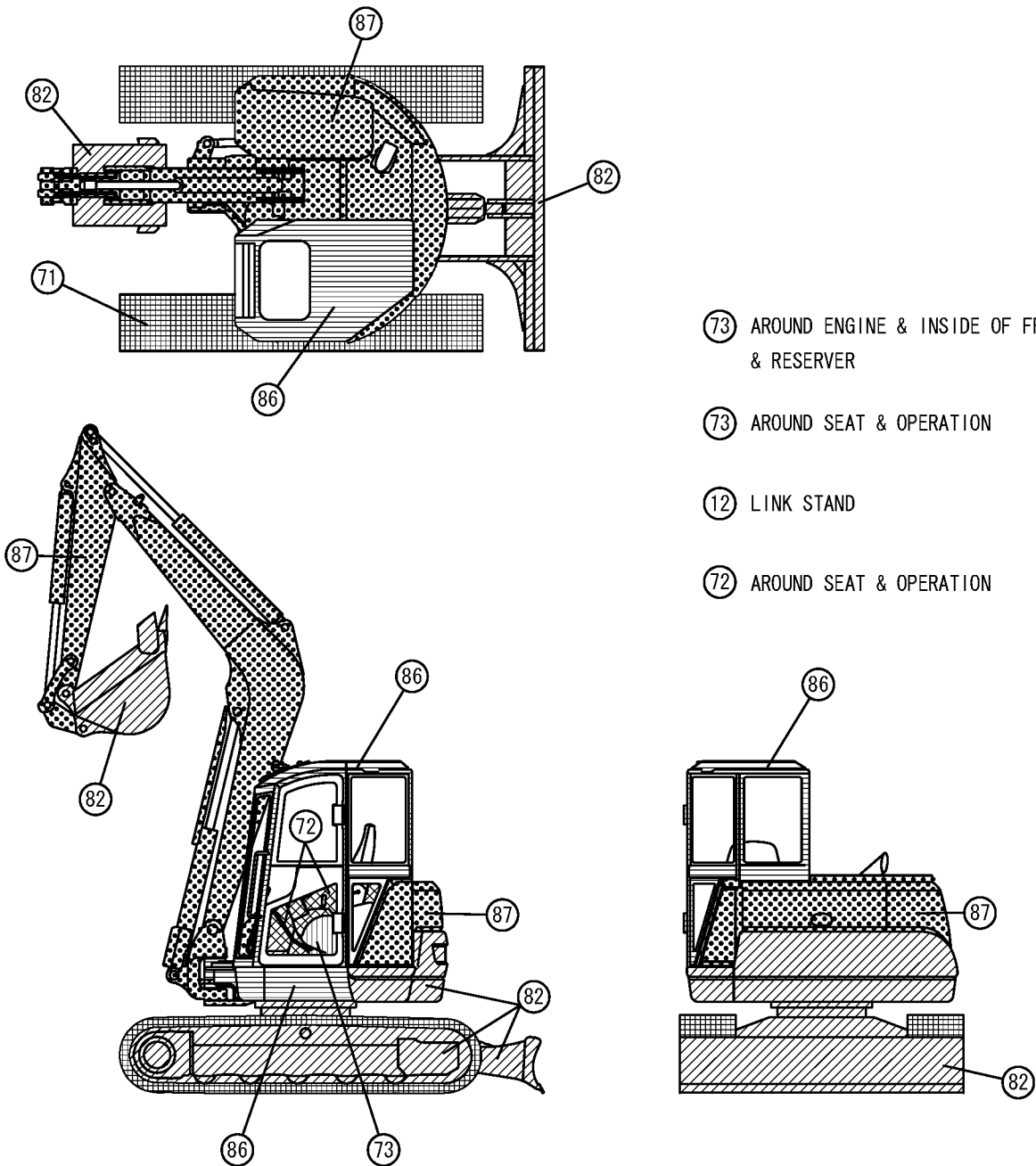
SECTION	Column	Model name	Manufactured	M/#
I (Vehicle)	(A)	Vio75-A (US)	2003/11~	10501~
	(B)	Vio75-A (AS)		
	(C)	Vio75-A (NZ)		
II (Engine)	(A)	4TNV98-XBV	2003/10~	00795~

(Note) 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.

# VEHICLE PAINTED COLOR (PREVIOUS)

~M/#11681

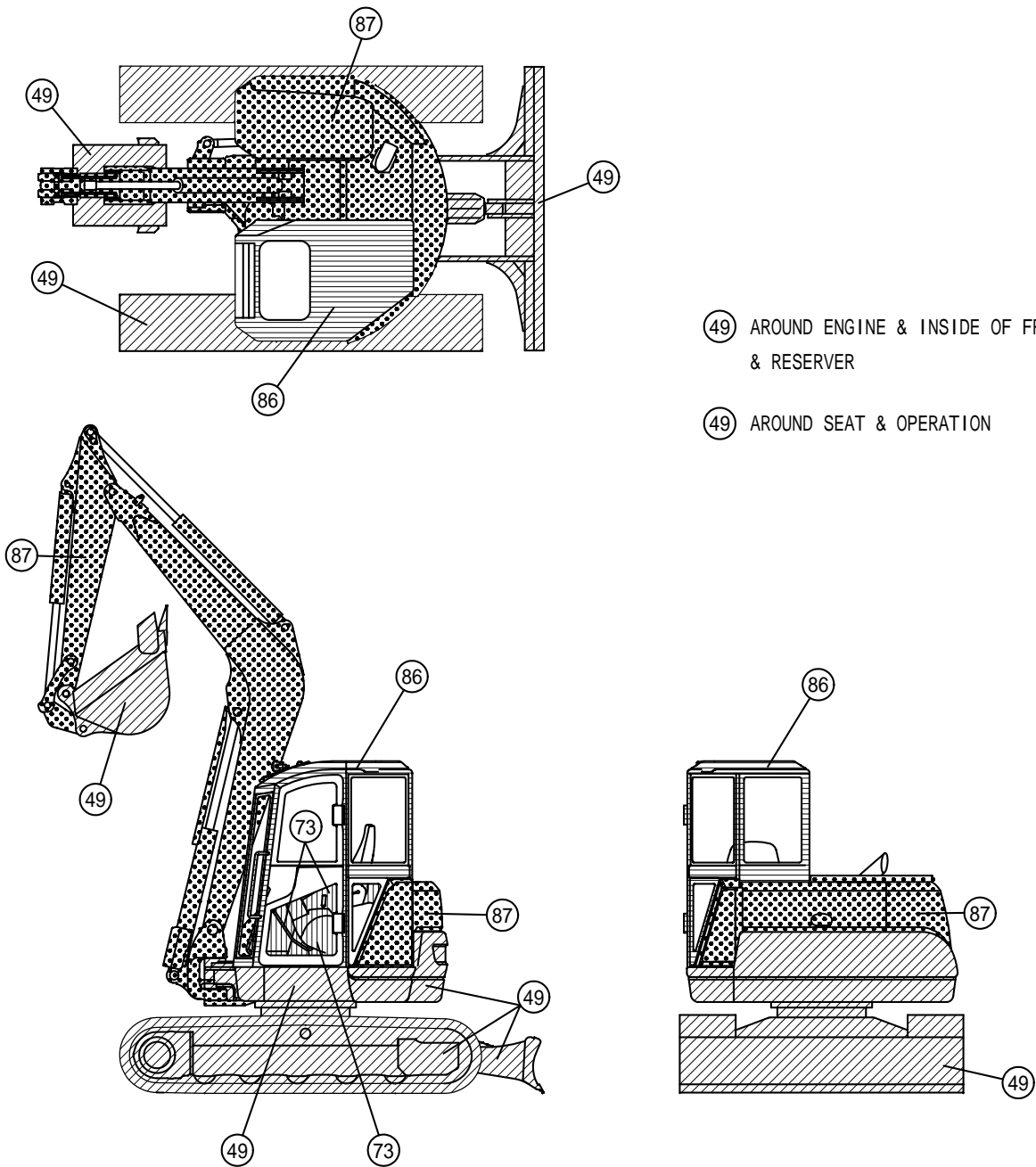


- ⑦③ AROUND ENGINE & INSIDE OF FRAME & RESERVER
- ⑦③ AROUND SEAT & OPERATION
- ①② LINK STAND
- ⑦② AROUND SEAT & OPERATION

Color Code	Description	Painted Color	Munsel No.	Paint Part No.		
				16L Can	4L Can	SPRAY
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
82		YANMAR Deep Green	6. 39BG2. 13/1. 73	981101-09517	977620-40820	977620-30N31
72		YANMAR Dark Olive Gray	7. 21Y2. 92/0. 79	-----	977620-40720	TOR-90460003
71		YANMAR Charcoal Gray	N-1. 80	981101-09516	977620-40710	977620-30371
73		YANMAR Warm Gray	5. 52Y4. 9/1. 09	-----	-----	TOR-90450003
12		YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003

# VEHICLE PAINTED COLOR(NEW)

M/#11682 ~



④9 AROUND ENGINE & INSIDE OF FRAME & RESERVER

④9 AROUND SEAT & OPERATION

Color Code	Description	Painted Color	Munsel No.	Paint Part No.		
				16L Can	4L Can	SPRAY
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
49		YANMAR Navy Gray	8.12B1.31/0.42	-----	TOR-91390000	TOR-94800490
73		YANMAR Warm Gray	5.52Y4.9/1.09	-----	-----	TOR-90450003

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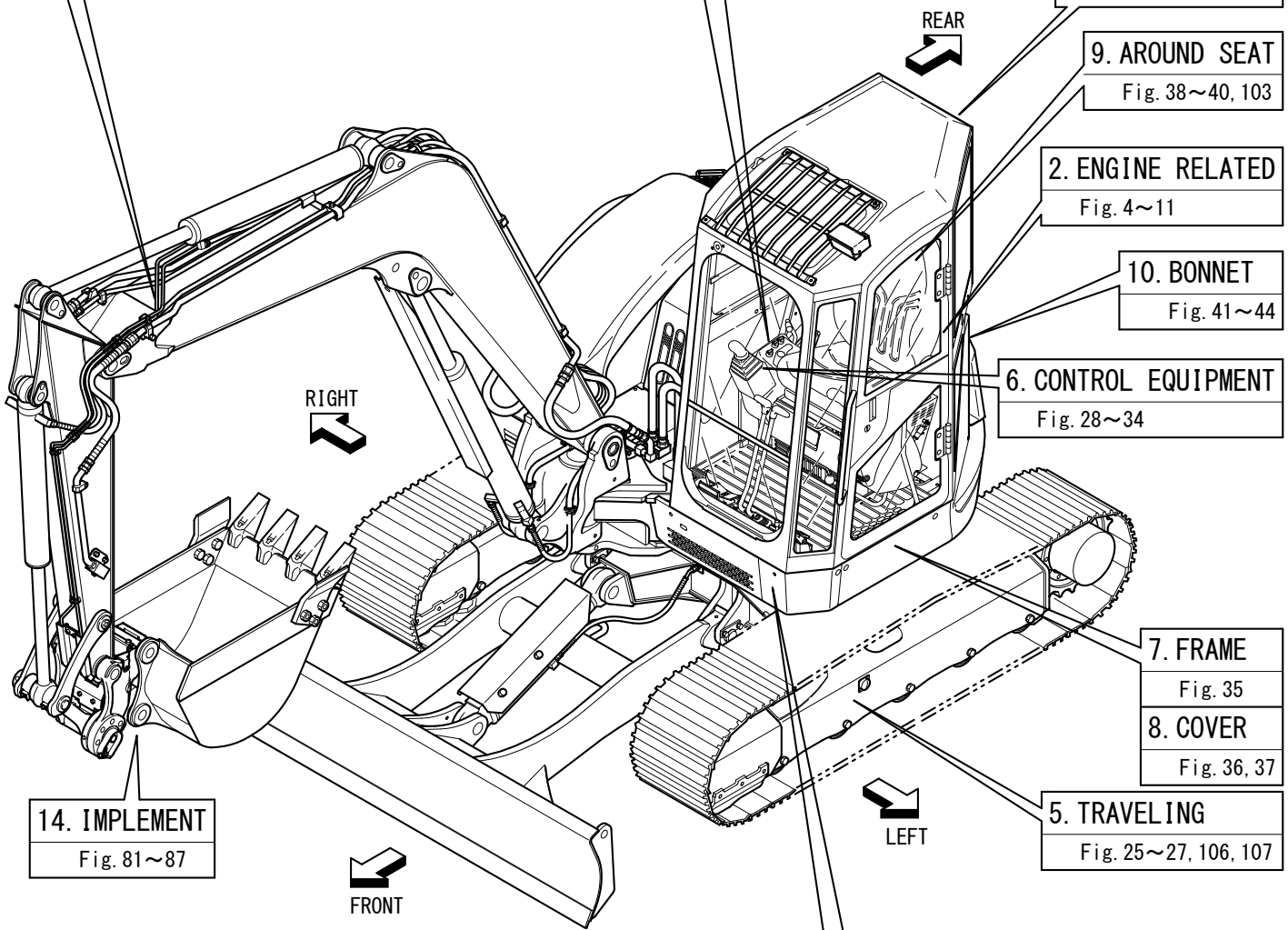
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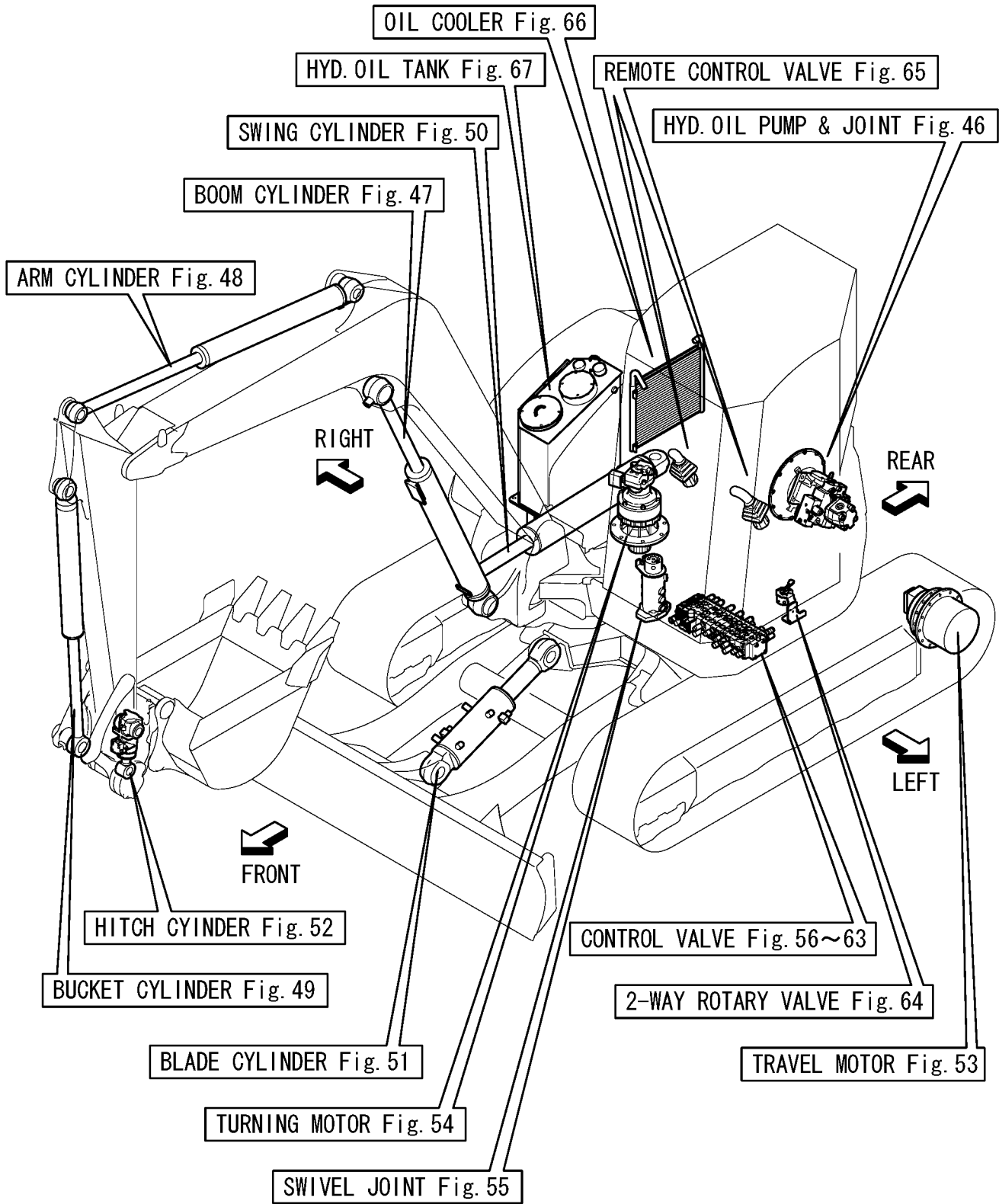
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Fig. No.	Fig. Name
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Fig. No. Fig. Name

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- 104. (55A)SWIVEL JOINT(N SPEC.)(FROM M14006)
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- 62. CONTROL VALVE(7/8)
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- 79. CONTROL PIPING(REMOTE CONTROL VALVE - 2WAY VALVE - CONTROL VALVE)
- 80. GREASING

## IMPLEMENT

- 81. BOOM BRACKET

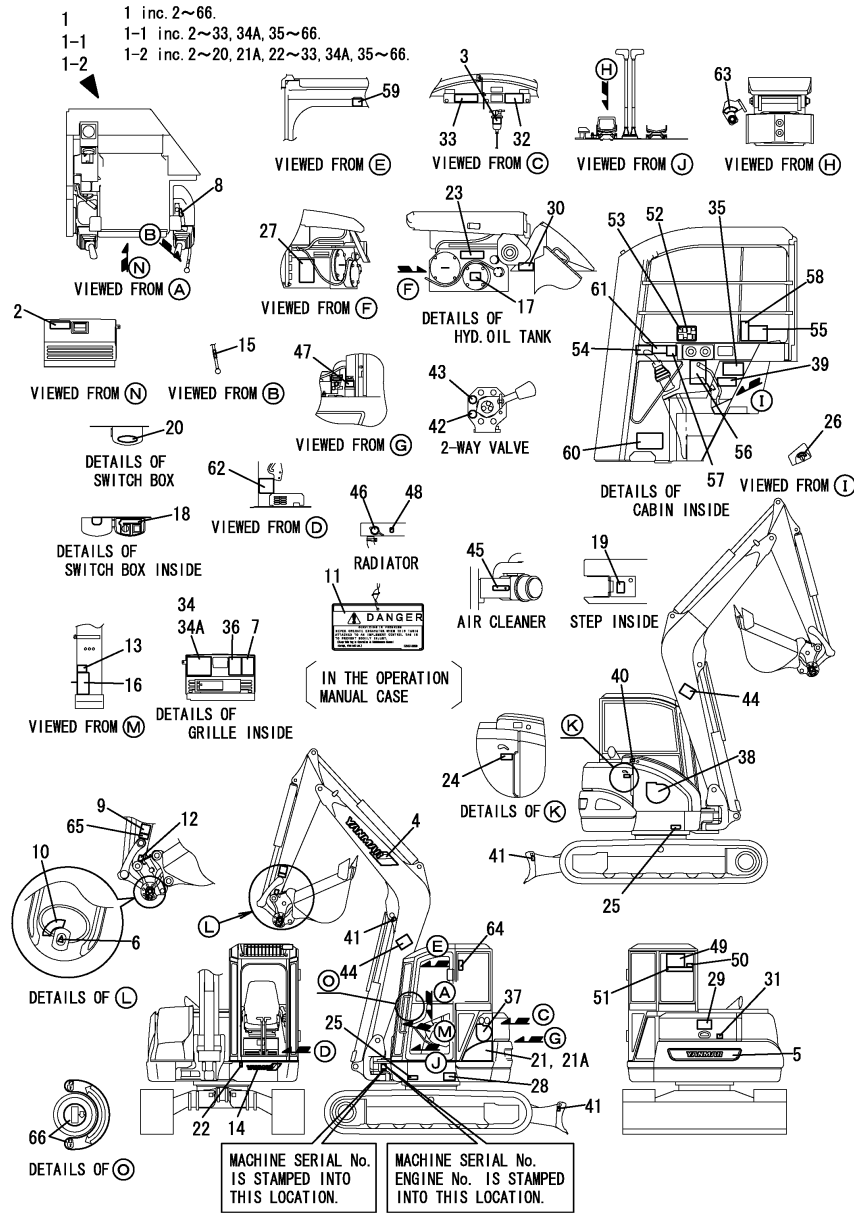
Fig. No. Fig. Name

- 82. BOOM
- 83. ARM
- 84. BUCKET ARM & LINK
- 85. QUICK COUPLER
- 86. BUCKET
- 87. BLADE

## OPTIONAL & KIT

- 100. HOLD VALVE KIT(1)(OPTIONAL)
- 101. HOLD VALVE KIT(2)(OPTIONAL)
- 102. HOLD VALVE KIT(3)(OPTIONAL)

Fig.1. LABEL



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

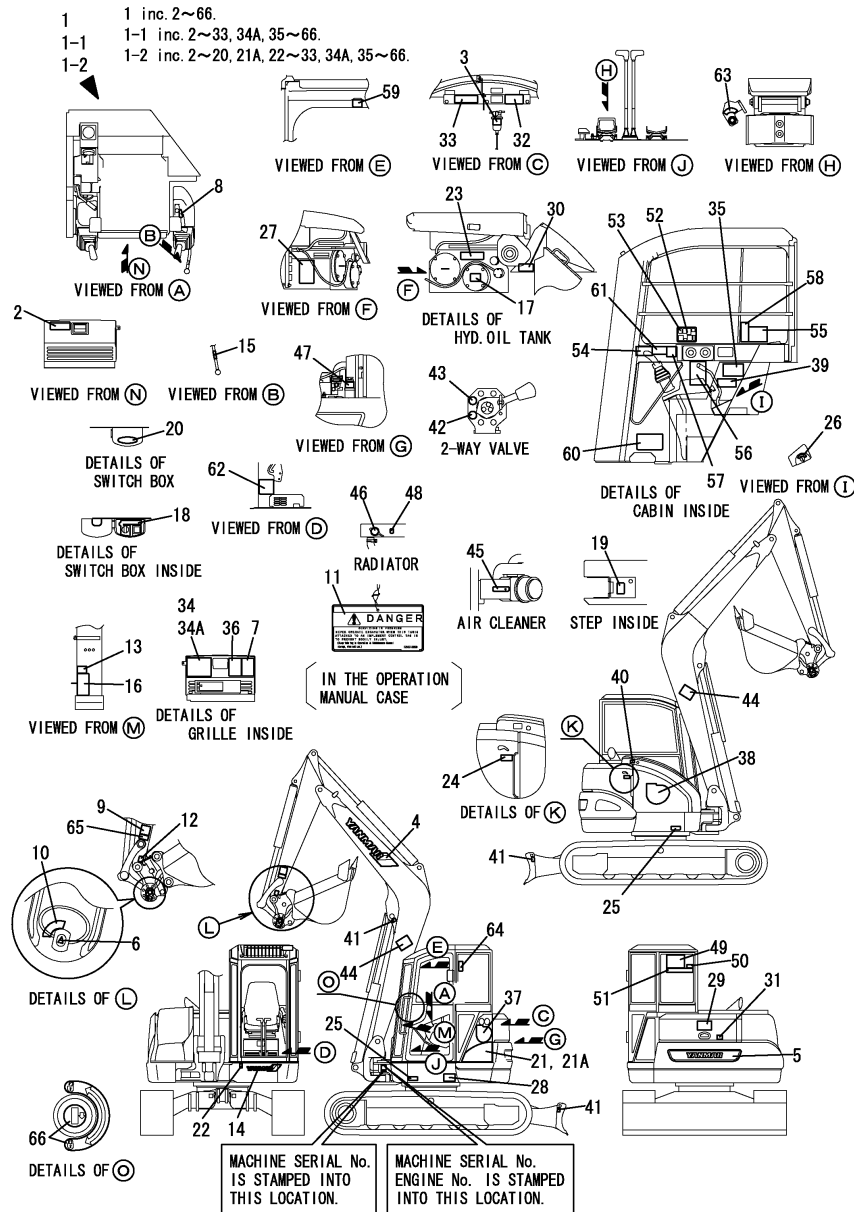
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A21-03100	LABEL SET,VIO75-A(US)	1	1	1					
1-1	1	772A21-03101	LABEL SET,VIO75-A(US)	1	1	1					S
		(A=M/#10824) (B=M/#10824) (C=M/#10824)									
1-2	1	772A21-03102	LABEL SET,VIO75-A(US)	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	2	172A21-03100	LABEL, SPECIFICATION	1	1	1					
2-1	2	172A21-03101	LABEL, SPECIFICATION	1	1	1					N
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
3	2	172A07-03160	LABEL	1	1	1					
4	2	172187-03160	LABEL, BOOM	1	1	1					
4-1	2	172A21-03220	LABEL, BRAND	2	2	2					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
5	2	172478-03160	LABEL, REAR	1	1	1					
6	2	172958-03160	LABEL	1	1	1					
7	2	172472-03171	LABEL,FUSE US	1	1	1					
8	2	172458-03220	LABEL, ACCELERATOR	1	1	1					
9	2	172472-03230	LABEL, OPERATION	1	1	1					
10	2	172458-03240	LABEL, LOCK	1	1	1					
11	2	172437-03250	TAG ASSY, CAUTION	1	1	1					
11-1	2	172437-03252	TAG ASSY, CAUTION	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
12	2	172472-03260	LABEL,FINGER	1	1	1					
12-1	2	172472-03261	LABEL, FINGER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
13	2	172472-03270	LABEL,SAND US	1	1	1					
13-1	2	172472-03271	LABEL, SANDUS	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
14	2	172524-03271	LABEL, REAR	1	1	1					
14-1	2	172488-03170	LABEL, FRONT	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
15	2	172183-03280	LABEL, LOCK	1	1	1					
16	2	172472-03280	LABEL	1	1	1					
16-1	2	172472-03281	LABEL, WARNING HITCH	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
17	2	172463-03290	LABEL, HYD.OIL	1	1	1					
18	2	172472-03290	LABEL, SWITCH	1	1	1					Z
		(A=M/#13260) (B=M/#13260) (C=M/#13260)									
19	2	172438-03300	LABEL, PTO SELECT	1	1	1					
20	2	172472-03300	LABEL, COVER	1	1	1					Z
		(A=M/#13260) (B=M/#13260) (C=M/#13260)									
21	2	172463-03310	LABEL, MODEL NAME	1	1	1					3
21A	2	172A21-03160	LABEL, LOWER	1	1	1					3
22	2	172146-03320	LABEL,GREASE E	1	1	1					
22-1	2	172146-03321	LABEL, GREASE	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
23	2	172437-03321	LABEL,HYD.OIL TANK	1	1	1					
23-1	2	172437-03322	LABEL, RESEVOIR	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
24	2	172463-03330	LABEL,COVER	1	1	1					
25	2	172437-03351	LABEL,GREASE CYL.	2	2	2					
25-1	2	172437-03352	LABEL, CYLINDER	2	2	2					N

Remarks

- (1)Rubber crawler specification.
- (2)Engine Oil=No.34 : 10.76Qts(To M10823), No.34A : 11.10Qts(From M10824)
- (3)Color=No.21 : Deep Green(To M11681) No.21A : Navy Gray(From M11682)

Fig.1. LABEL



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

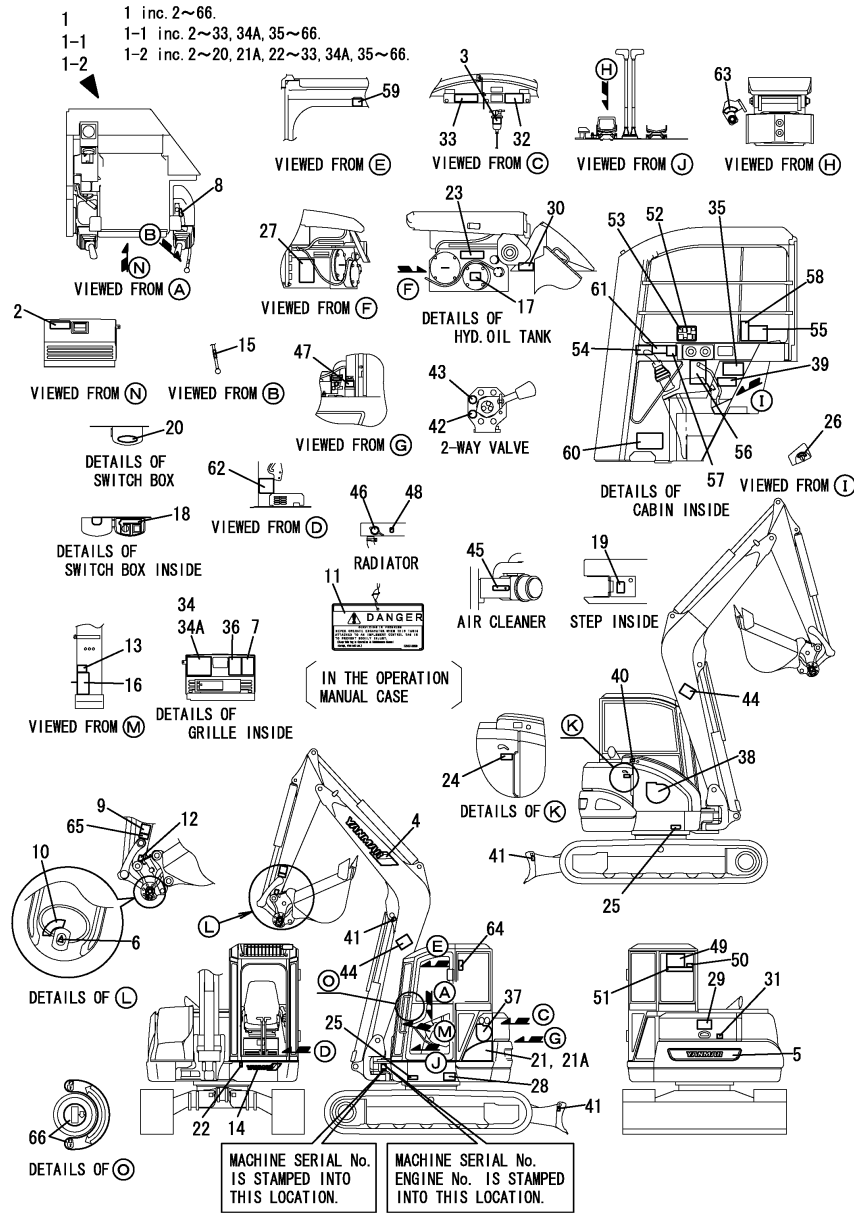
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
26	2	172141-03360	LABEL, START SWITCH	1	1	1					
27	2	172437-03360	LABEL, BATTERY	1	1	1					
27-1	2	172437-03361	LABEL, BATTERY	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
28	2	172463-03370	LABEL, SUPPORT US	1	1	1					
28-1	2	172472-03141	LABEL, SUPPORT	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
29	2	172437-03380	LABEL, SWING AREA	1	1	1					
29-1	2	172437-03381	LABEL, SWING AREA	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
30	2	172437-03390	LABEL, RADIATOR	1	1	1					
30-1	2	172437-03391	LABEL, RADIATOR	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
31	2	172437-03401	LABEL (ENG COVER US	1	1	1					
31-1	2	172437-03402	LABEL, ENGINE COVER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
32	2	172437-03411	LABEL (ENG ROOM US	1	1	1					
32-1	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
33	2	172437-03421	LABEL, MUFFLER	1	1	1					
33-1	2	172437-03422	LABEL, MUFFLER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
34	2	172478-03420	LABEL, OIL & WATER	1	1	1					2
34A	2	172478-03421	LABEL, OIL WATER US	1	1	1					2
35	2	172437-03431	LABEL, STEERING	1	1	1					
35-1	2	172437-03432	LABEL, STEERING	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
36	2	172478-03430	LABEL, GREASING	1	1	1					
37	2	172478-03440	LABEL, L-US	1	1	1					
37-1	2	172478-03441	LABEL, MODEL NAME	1	1	1					N
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
38	2	172478-03450	LABEL, R-US	1	1	1					
38-1	2	172478-03451	LABEL, MODEL NAME	1	1	1					N
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
39	2	172437-03470	LABEL, LEVER LOCK	1	1	1					
39-1	2	172437-03471	LABEL, LEVER LOCK	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
40	2	172437-03500	LABEL, FUEL	1	1	1					
40-1	2	172437-03501	LABEL, FUEL	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
41	2	172437-03510	LABEL, HOOK	3	3	3					
41-1	2	172437-03511	LABEL, HOOK	3	3	3					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
42	2	172437-03610	LABEL	1	1	1					
43	2	172437-03620	LABEL	1	1	1					
44	2	172187-03940	LABEL, BOOM	2	2	2					
44-1	2	172187-03941	LABEL, BOOM US	2	2	2					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
45	2	172125-03950	LABEL, AIR CLEANER	1	1	1					
45-1	2	172125-03951	LABEL, AIR CLEANER	1	1	1					N

Remarks

- (1) Rubber crawler specification.
- (2) Engine Oil=No.34 : 10.76Qts(To M10823), No.34A : 11.10Qts(From M10824)
- (3) Color=No.21 : Deep Green(To M11681) No.21A : Navy Gray(From M11682)

Fig.1. LABEL



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

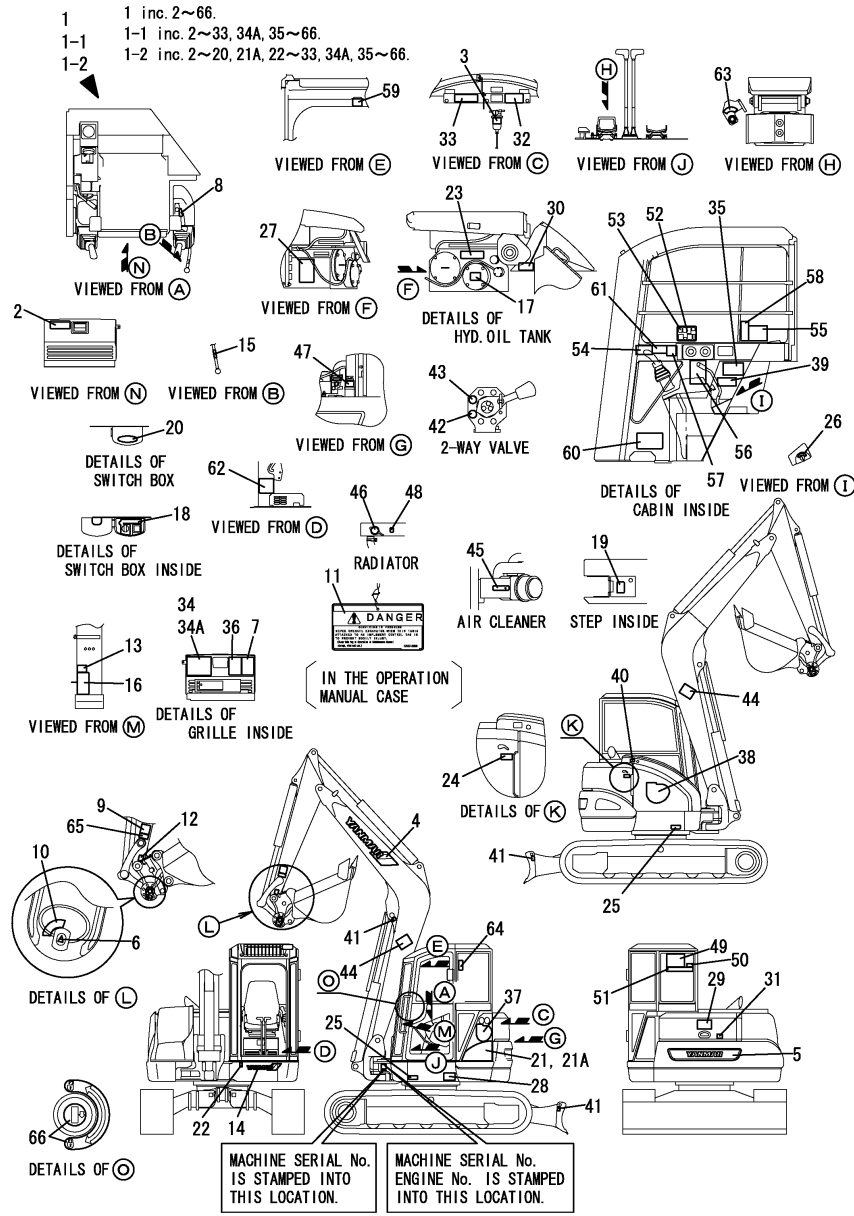
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
46	2	121120-44800	LABEL, RADIATOR	1	1	1					
46-1	2	172462-03320	LABEL, RADIATOR	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
47	2	124764-44810	LABEL, SUB TANK	1	1	1					
47-1	2	172A38-03200	LABEL, SUB-TANK US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
47-2	2	172A38-03201	LABEL, SUB TANK	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
48	2	124764-44920	LABEL, ANTI-FREEZING	1	1	1					
48-1	2	172A38-03210	LABEL, ANTI-FREEZING	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
48-2	2	172A38-03211	LABEL, ANTI-FREEZING	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
49	2	172978-03100	LABEL, LIFT	1	1	1					
49-1	2	172978-03101	LABEL, LIFT Q US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
50	2	172472-03240	LABEL, PIN US	1	1	1					
50-1	2	172472-03241	LABEL, PIN US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
51	2	172472-03250	LABEL, OPERATION	1	1	1					
52	2	172496-03200	LABEL, OPERATION	1	1	1					
53	2	172496-03260	LABEL, PTO	1	1	1					
54	2	172437-03310	LABEL, SLOPE	1	1	1					
54-1	2	172437-03311	LABEL, SLOPE US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
54-2	2	172437-03312	LABEL, SLOPE	1	1	1					N
		(A=M/#11504) (B=M/#11504) (C=M/#11504)									
55	2	172437-03341	LABEL, TRANSPORT	1	1	1					
55-1	2	172437-03342	LABEL, TRANSPORT US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
55-2	2	172437-03343	LABEL, TRANSPORT	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
56	2	172437-03371	LABEL	1	1	1					
56-1	2	172437-03372	LABEL, NEUTRAL	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
57	2	172437-03440	LABEL, ROPS	1	1	1					
57-1	2	172437-03441	LABEL, ROPS	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
58	2	172437-03450	LABEL, SEAT BELT	1	1	1					
58-1	2	172437-03451	LABEL, SEAT BELT	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
59	2	172437-03550	LABEL, WINDOW	1	1	1					
59-1	2	172437-03551	LABEL, WINDOW US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
60	2	172437-03600	LABEL	1	1	1					
60-1	2	172437-03601	LABEL, 2-WAY US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
61	2	172448-03600	LABEL, MANUAL US	1	1	1					
61-1	2	172437-03301	LABEL, MANUAL US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

Remarks

- (1)Rubber crawler specification.
- (2)Engine Oil=No.34 : 10.76Qts(To M10823), No.34A : 11.10Qts(From M10824)
- (3)Color=No.21 : Deep Green(To M11681) No.21A : Navy Gray(From M11682)

Fig.1. LABEL



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61-2	2	172437-03302 (A=M/#11682) (B=M/#11682) (C=M/#11682)	LABEL, MANUAL	1	1	1					N
62	2	172463-03280	LABEL,ADJUST CRAWLER	1	1	1					1
62-1	2	172463-03281 (A=M/#11010) (B=M/#11010) (C=M/#11010)	LABEL,ADJUST CRAWLER	1	1	1					N
63	2	172458-03240	LABEL, LOCK	1	1	1					
64	2	172463-03320	LABEL,F/W LOWER US	1	1	1					
65	2	172472-03330 (A=M/#11010) (B=M/#11010) (C=M/#11010)	LABEL, LOCK PIN	1	1	1					W
66	2	172458-03601 (A=M/#11010) (B=M/#11010) (C=M/#11010)	LABEL, DOOR LOCK	1	1	1					W

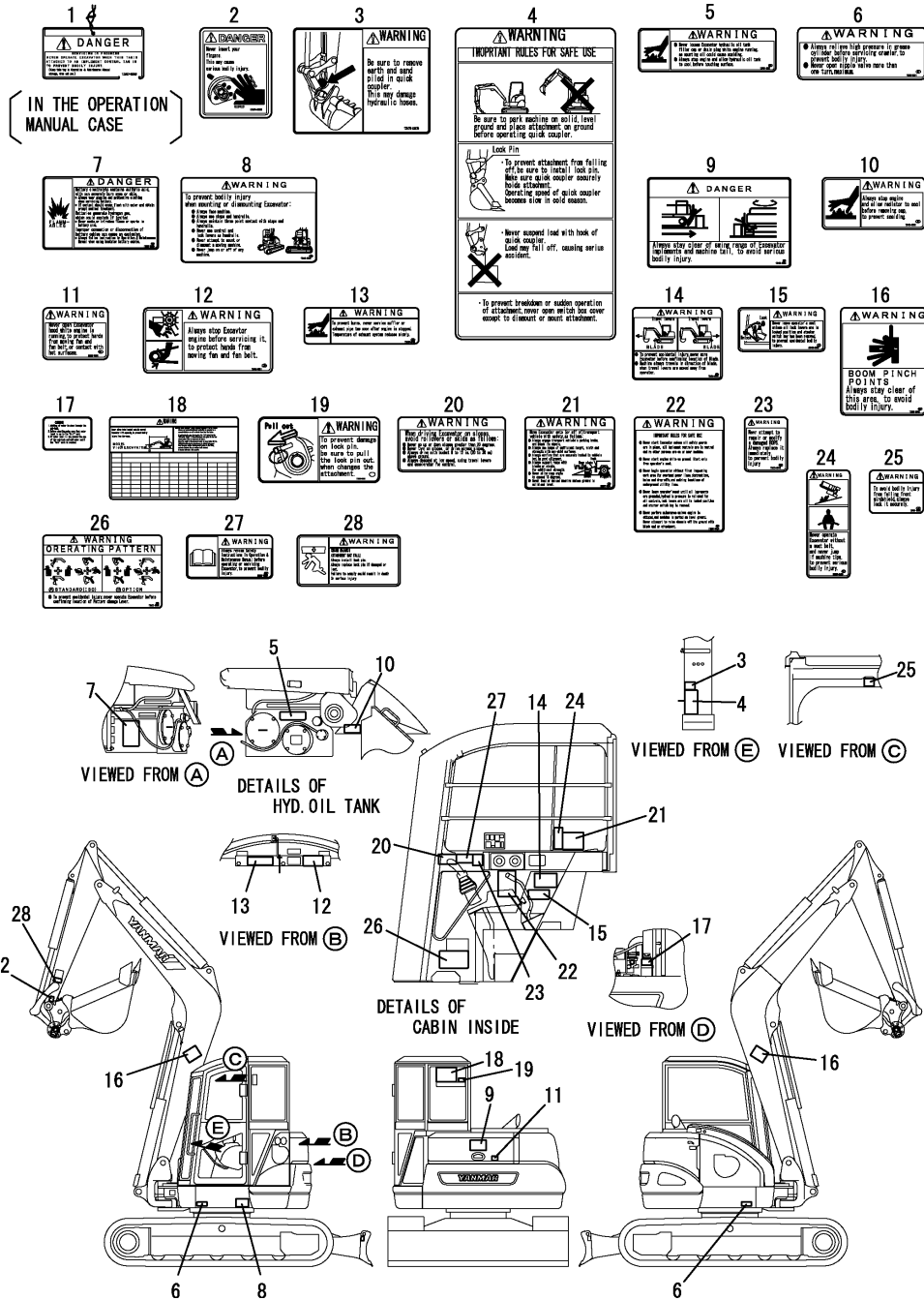
Remarks

- (1)Rubber crawler specification.
- (2)Engine Oil=No.34 : 10.76Qts(To M10823), No.34A : 11.10Qts(From M10824)
- (3)Color=No.21 : Deep Green(To M11681) No.21A : Navy Gray(From M11682)

Fig.2. LABEL(SAFETY)

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

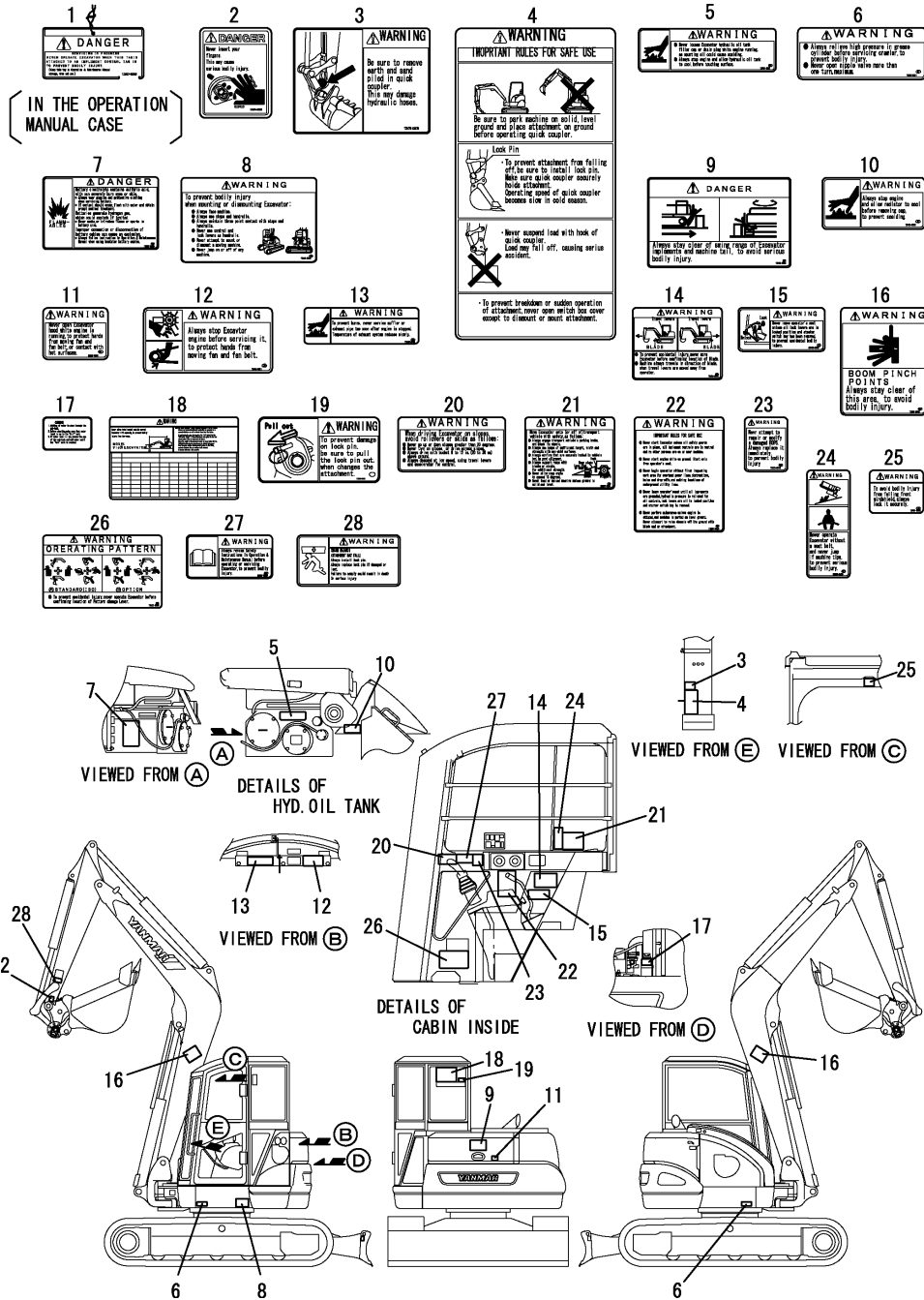
(D)=  
(E)=  
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172437-03250	TAG ASSY, CAUTION	1	1	1					
1-1	1	172437-03252	TAG ASSY, CAUTION	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	1	172472-03260	LABEL, FINGER	1	1	1					
2-1	1	172472-03261	LABEL, FINGER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
3	1	172472-03270	LABEL, SAND US	1	1	1					
3-1	1	172472-03271	LABEL, SANDUS	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
4	1	172472-03280	LABEL	1	1	1					
4-1	1	172472-03281	LABEL, WARNING HITCH	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
5	1	172437-03321	LABEL, HYD. OIL TANK	1	1	1					
5-1	1	172437-03322	LABEL, RESEVOIR	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
6	1	172437-03351	LABEL, GREASE CYL.	2	2	2					
6-1	1	172437-03352	LABEL, CYLINDER	2	2	2					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
7	1	172437-03360	LABEL, BATTERY	1	1	1					
7-1	1	172437-03361	LABEL, BATTERY	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
8	1	172463-03370	LABEL, SUPPORT US	1	1	1					
8-1	1	172472-03141	LABEL, SUPPORT	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
9	1	172437-03380	LABEL, SWING AREA	1	1	1					
9-1	1	172437-03381	LABEL, SWING AREA	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
10	1	172437-03390	LABEL, RADIATOR	1	1	1					
10-1	1	172437-03391	LABEL, RADIATOR	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
11	1	172437-03401	LABEL (ENG COVER US	1	1	1					
11-1	1	172437-03402	LABEL, ENGINE COVER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
12	1	172437-03411	LABEL (ENG ROOM US	1	1	1					
12-1	1	172436-03411	LABEL, ENGINE ROOM	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
13	1	172437-03421	LABEL, MUFFLER	1	1	1					
13-1	1	172437-03422	LABEL, MUFFLER	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
14	1	172437-03431	LABEL, STEERING	1	1	1					
14-1	1	172437-03432	LABEL, STEERING	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
15	1	172437-03470	LABEL, LEVER LOCK	1	1	1					
15-1	1	172437-03471	LABEL, LEVER LOCK	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
16	1	172187-03940	LABEL, BOOM	2	2	2					
16-1	1	172187-03941	LABEL, BOOM US	2	2	2					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
17	1	124764-44810	LABEL, SUB TANK	1	1	1					
17-1	1	172438-03200	LABEL, SUB-TANK US	1	1	1					N
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

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

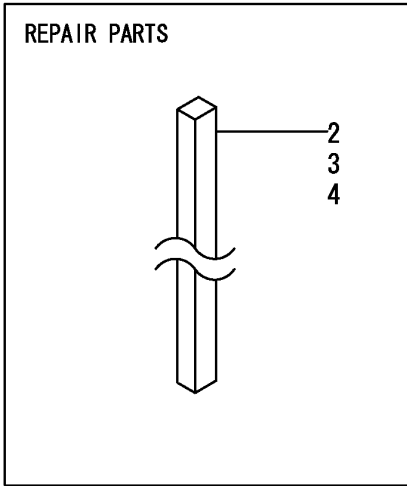
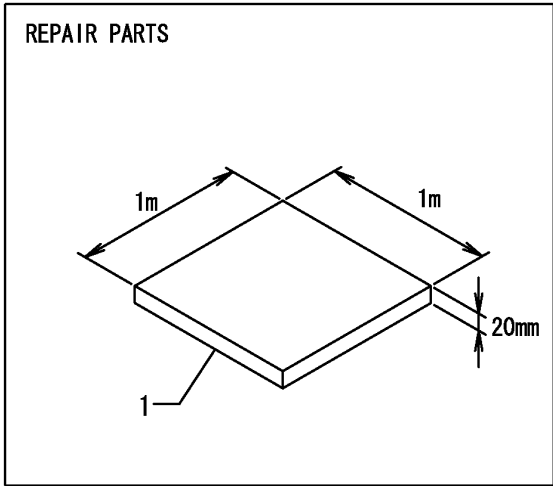


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
17-2	1	172A38-03201	LABEL, SUB TANK (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					N
18	1	172978-03100	LABEL, LIFT	1	1	1					N
18-1	1	172978-03101	LABEL, LIFT Q US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
19	1	172472-03240	LABEL, PIN US	1	1	1					N
19-1	1	172472-03241	LABEL, PIN US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
20	1	172437-03310	LABEL, SLOPE	1	1	1					N
20-1	1	172437-03311	LABEL, SLOPE US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
20-2	1	172437-03312	LABEL, SLOPE (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
21	1	172437-03341	LABEL, TRANSPORT	1	1	1					N
21-1	1	172437-03342	LABEL, TRANSPORT US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
21-2	1	172437-03343	LABEL, TRANSPORT (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					N
22	1	172437-03371	LABEL	1	1	1					N
22-1	1	172437-03372	LABEL, NEUTRAL (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
23	1	172437-03440	LABEL, ROPS	1	1	1					N
23-1	1	172437-03441	LABEL, ROPS (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
24	1	172437-03450	LABEL, SEAT BELT	1	1	1					N
24-1	1	172437-03451	LABEL, SEAT BELT (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
25	1	172437-03550	LABEL, WINDOW	1	1	1					N
25-1	1	172437-03551	LABEL, WINDOW US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
26	1	172437-03600	LABEL	1	1	1					N
26-1	1	172437-03601	LABEL, 2-WAY US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
27	1	172448-03600	LABEL, MANUAL US	1	1	1					N
27-1	1	172437-03301	LABEL, MANUAL US (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N
27-2	1	172437-03302	LABEL, MANUAL (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					N
28	1	172472-03330	LABEL, LOCK PIN (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					W

# Fig.3. REPAIR PARTS



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-65750	SPONGE	1	1	1					
2	1	172478-68600	SEAL, DAM	1	1	1					
3	1	172478-68610	SEAL, DAM	1	1	1					
4	1	172478-68620	SEAL, DAM	1	1	1					

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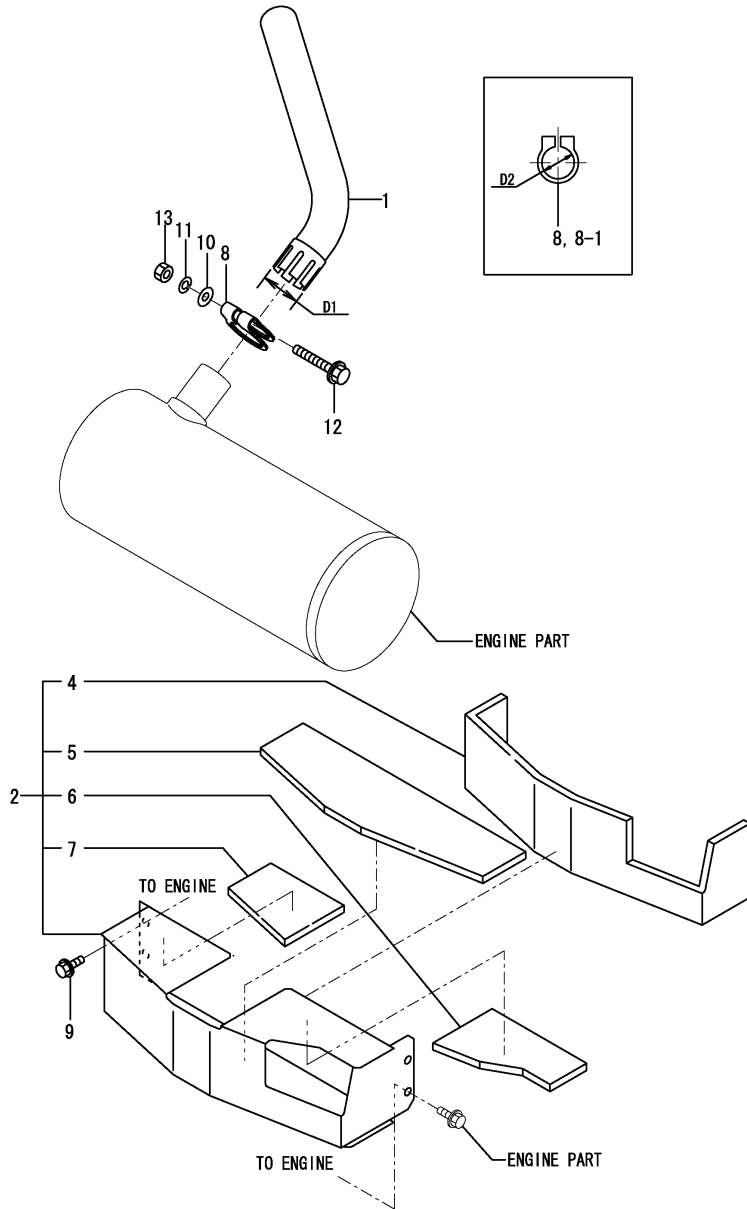
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# Fig.4. MUFFLER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-11300	PIPE, EXHAUST	1	1	1					
1-1	1	172478-11301	PIPE, EXHAUST	1	1	1					F 1
		(A=M/#11980) (B=M/#11980) (C=M/#11980)									
2	1	172478-11500	COVER ASSY, MANIFOLD	1	1	1					
4	2	172478-11520	WOOL, GLASS	1	1	1					
5	2	172478-11530	WOOL, GLASS	1	1	1					
6	2	172478-11540	WOOL, GLASS	1	1	1					
7	2	172478-11550	WOOL, GLASS	1	1	1					
8	1	121120-13580	CLAMP	1	1	1					
8-1	1	172A21-11310	CLAMP	1	1	1					S 2
		(A=M/#11980) (B=M/#11980) (C=M/#11980)									
9	1	172519-63240	BOLT	2	2	2					
10	1	22117-100000	WASHER, 10	1	1	1					
11	1	22217-100000	WASHER, SPRING 10	1	1	1					
12	1	26106-100652	BOLT, M10X 65 PLATED	1	1	1					
13	1	26706-100002	NUT, M10	1	1	1					

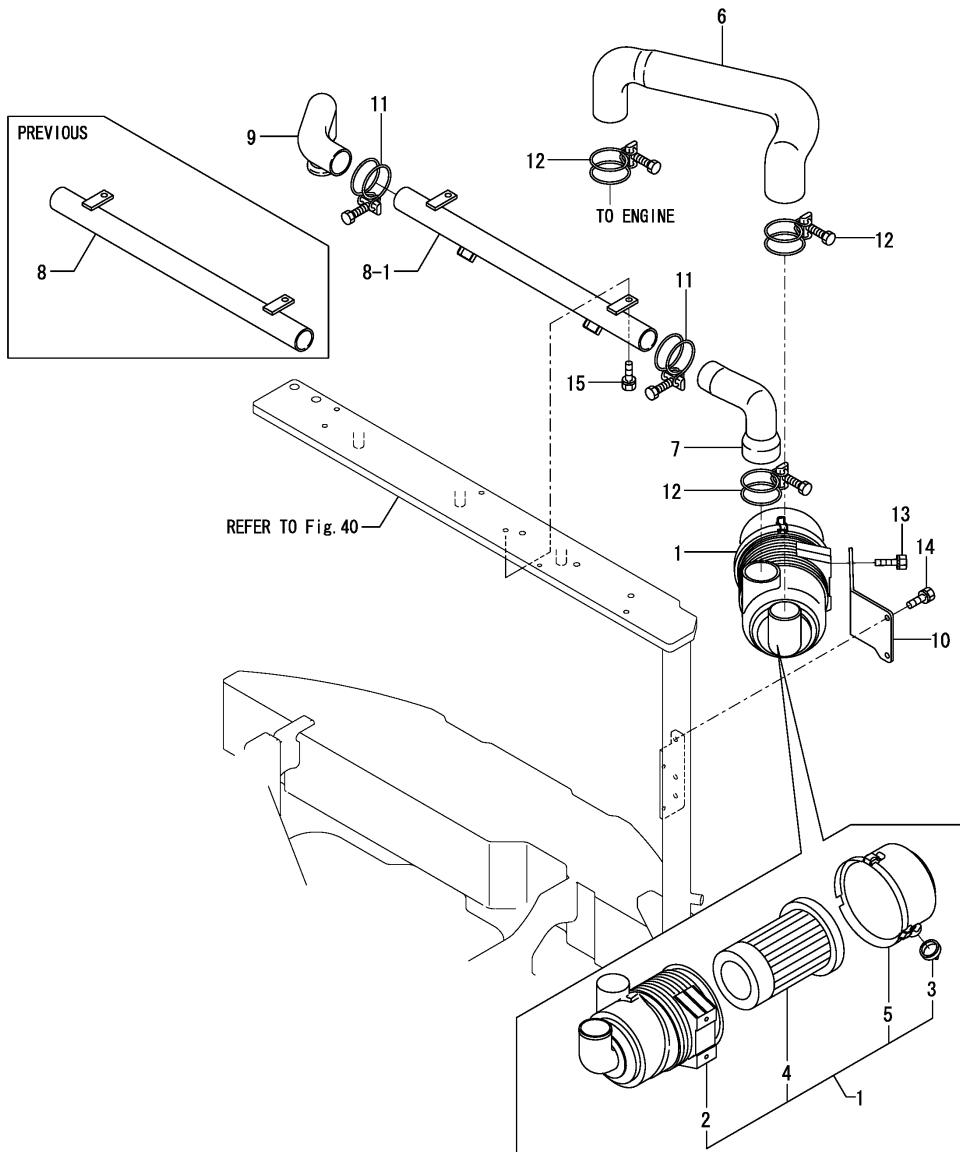
Remarks

- (1)D1=No.1 : 46mm No.8-1 : 48.1mm.  
 Interchangeable by simultaneous replacement with No.8-1.
- (2)D2=No.8 : 46mm No.8-1 : 48.1mm

Fig.5. AIR CLEANER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

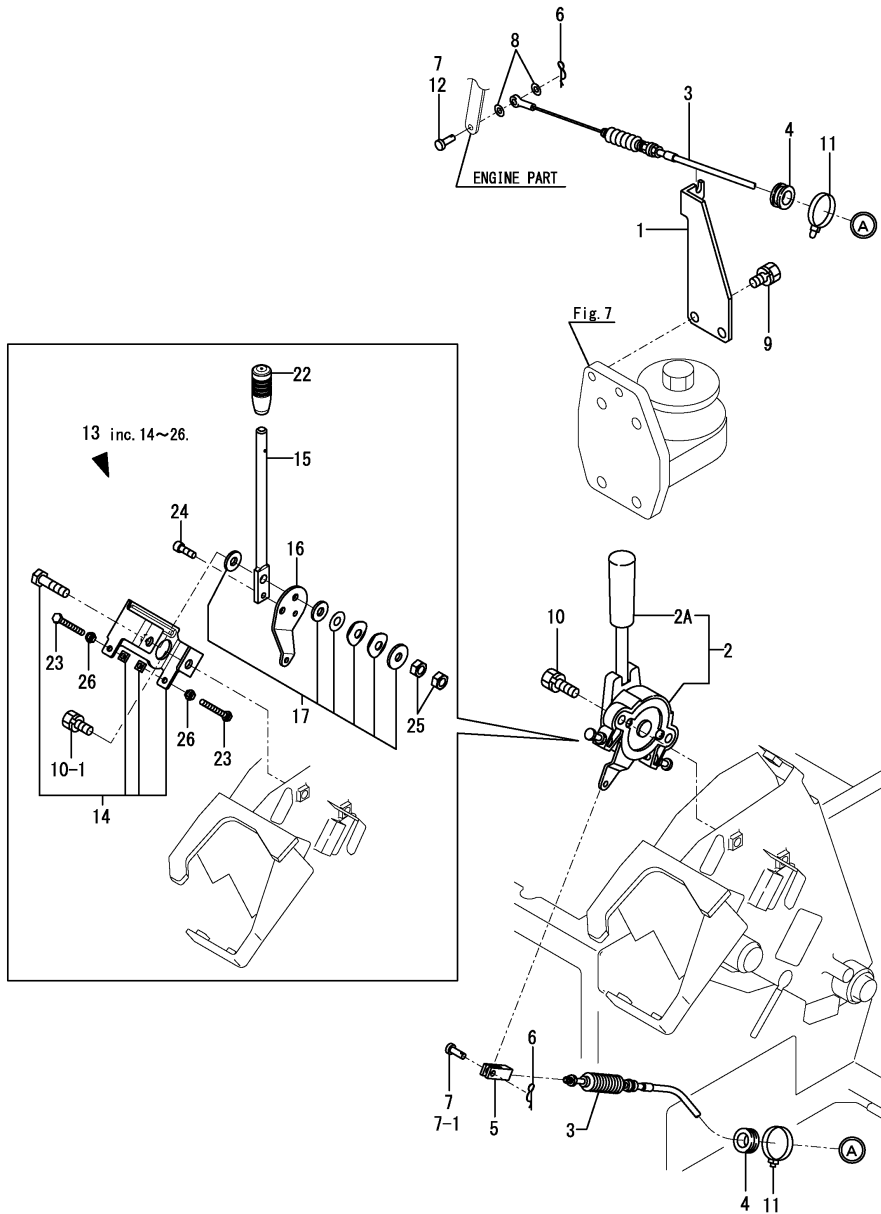


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-11500	CLEANER ASSY, AIR	1	1	1					
2	2	172455-11650	BODY ASSY	1	1	1					
3	2	119808-12540	VALVE, UNLOAD	1	1	1					
4	2	129062-12560	ELEMENT	1	1	1					
5	2	129062-12570	COVER ASSY	1	1	1					
6	1	172A21-11510	HOSE, AIR INTAKE	1	1	1					
7	1	172455-11540	HOSE, AIR INTAKE	1	1	1					
8	1	172455-11550	PIPE ASSY, SUCTION	1	1	1					
8-1	1	172455-11551	PIPE ASSY, SUCTION	1	1	1					N
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
9	1	172455-11580	HOSE, AIR INTAKE	1	1	1					
10	1	172455-11601	BRACKET, AIR CLEANER	1	1	1					
10-1	1	172455-11602	BRACKET, AIR CLEANER	1	1	1					N
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
10-2	1	172455-11603	BRACKET ASSY	1	1	1					N
		(A=M/#11280) (B=M/#11280) (C=M/#11280)									
11	1	23000-070000	CLAMP, 70	2	2	2					
12	1	23000-080000	CLAMP, 80	3	3	3					
13	1	26013-080202	BOLT, M8X 20	2	2	2					
14	1	26013-100202	BOLT, M10X 20	2	2	2					
15	1	26013-100252	BOLT, M10X 25	2	2	2					

Fig.6. ACCELERATOR LEVER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-12100	SUPPORT, CABLE	1	1	1					
2	1	172458-12100	LEVER, ACCELERATOR	1	1	1					Z 1
(A=*2016.10.) (B=*2016.10.) (C=*2016.10.)											
2A	2	172165-12140	GRIP	1	1	1					W
(A=M/#11462) (B=M/#11462) (C=M/#11462)											
2A-1	2	172A79-12150	GRIP	1	1						N
(A=MXXXXX) (B=MXXXXX)											
3	1	172455-12111	CABLE, ACCELERATOR	1	1	1					
3-1	1	172455-12112	CABLE, ACCELERATOR	1	1	1					N
(A=M/#12071) (B=M/#12071) (C=M/#12071)											
3-2	1	172455-12113	CABLE, ACCELERATOR	1	1	1					N
(A=M/#13357) (B=M/#13357) (C=M/#13357)											
4	1	172455-12140	GROMMET	2	2	2					
5	1	172137-12270	JOINT, CABLE	1	1	1					
6	1	1C6281-52310	PIN, SNAP 6	2	2	2					
7	1	1A1040-56900	PIN, FLAT HEAD 6X17	2	2	2					
7-1	1	1A1040-56900	PIN, FLAT HEAD 6X17	1	1	1					K
(A=M/#11573) (B=M/#11573) (C=M/#11573)											
8	1	22137-060000	WASHER, 6	2	2	2					
9	1	26013-100162	BOLT, M10X 16	2	2	2					
10	1	26013-100252	BOLT, M10X 25	2	2	2					
10-1	1	26013-100202	BOLT, M10X 20	2	2	2					S
(A=*2016.10.) (B=*2016.10.) (C=*2016.10.)											
11	1	933168-55770	BAND	2	2	2					
12	1	172113-12522	PIN, CABLE	1	1	1					W
(A=M/#11573) (B=M/#11573) (C=M/#11573)											
13	1	172458-12101	LEVER ASSY, ACCEL.	1	1	1					W
(A=*2016.10.) (B=*2016.10.) (C=*2016.10.)											
14	2	172458-12150	BRACKET ASSY, ACCEL.	1	1	1					
15	2	172458-12170	LEVER, ACCEL	1	1	1					
16	2	172458-12180	PLATE	1	1	1					
17	2	172458-12200	SPRING SET	1	1	1					
22	2	172498-12250	GRIP, ACCELERATOR	1	1	1					
23	2	26117-060554	BOLT M 6X 55	2	2	2					
24	2	26450-060102	BOLT, M6X 10	1	1	1					
25	2	26757-100002	NUT, LOCK M10	2	2	2					
26	2	26857-060002	NUT, M6	2	2	2					

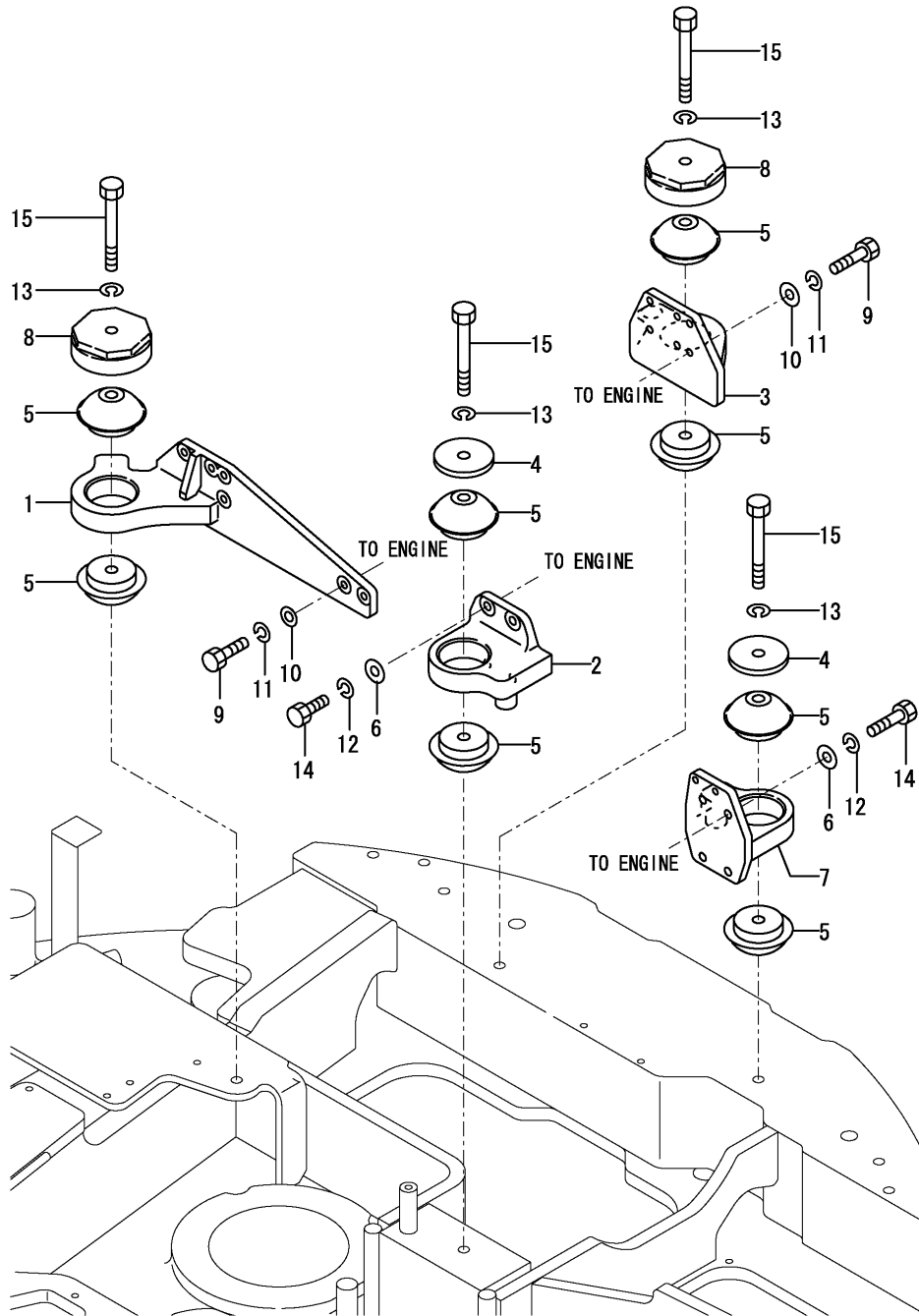
Remarks

(1)Interchangeable by simultaneous replacement with No.10-1 & 13.

Fig.7. ENGINE MOUNT

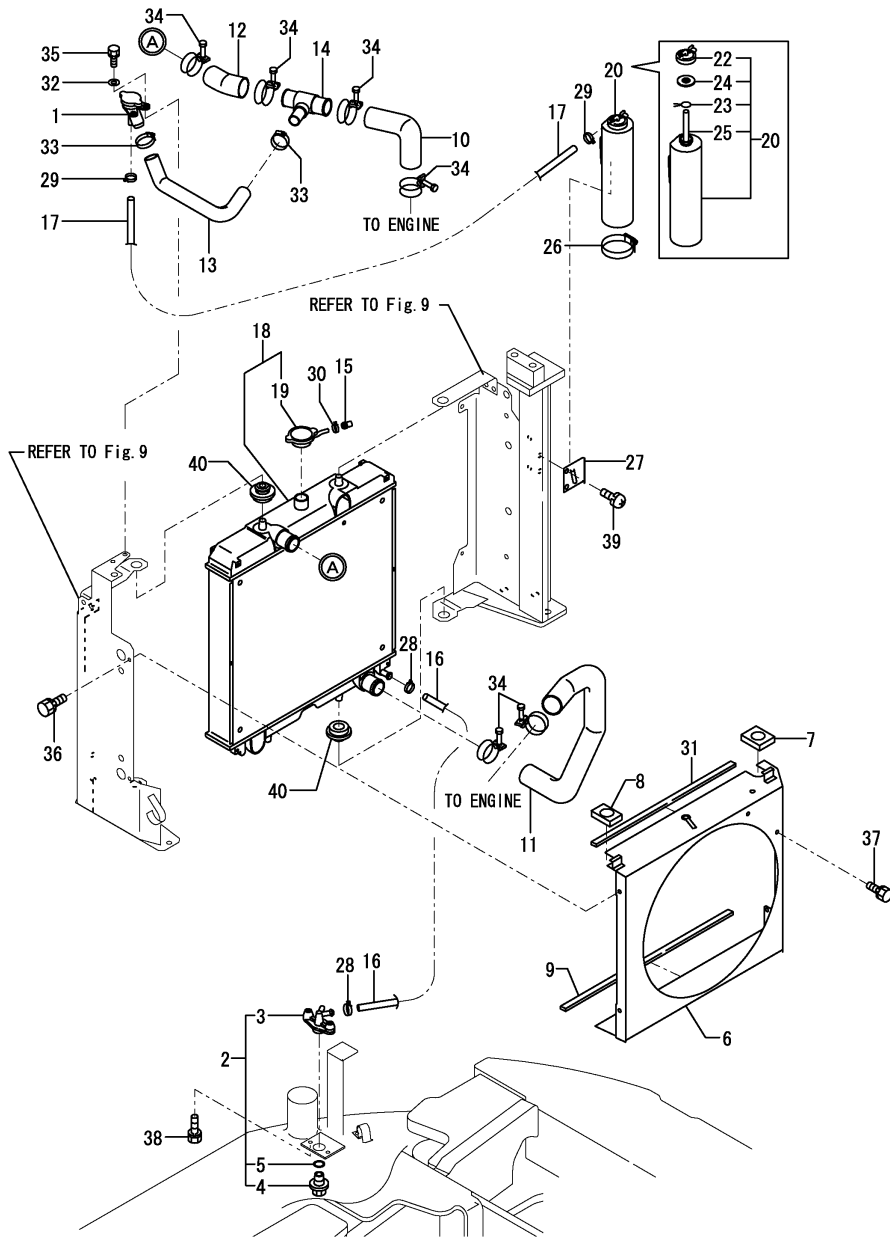
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-13101	BRACKET	1	1	1					
1-1	1	172499-13100	BRACKET	1	1	1					R
				(A=M/#11107) (B=M/#11107) (C=M/#11107)							
2	1	172455-13131	BRACKET	1	1	1					
3	1	172455-13151	BRACKET	1	1	1					
4	1	172162-13170	WASHER	2	2	2					
5	1	172162-13180	MOUNT, ENGINE	8	8	8					
6	1	172165-13220	WASHER	8	8	8					
7	1	172187-13731	BRACKET	1	1	1					
8	1	172187-13830	STOPPER ASSY	2	2	2					
9	1	1E6480-16920	BOLT, 10X35 11T	12	12	12					
9-1	1	172A21-13100	BOLT	12	12	12					N
				(A=M/#13546) (B=M/#13546) (C=M/#13546)							
10	1	172137-46040	SEAT, SPRING	12	12	12					
11	1	22217-100000	WASHER, SPRING 10	12	12	12					
12	1	22217-120000	WASHER, SPRING 12	8	8	8					
13	1	22217-160000	WASHER, SPRING 16	4	4	4					
14	1	26076-120352	BOLT, 10.912X 35	8	8	8					
15	1	26076-161302	BOLT, 10.916X130	4	4	4					

Fig.8. RADIATOR & SUB TANK



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

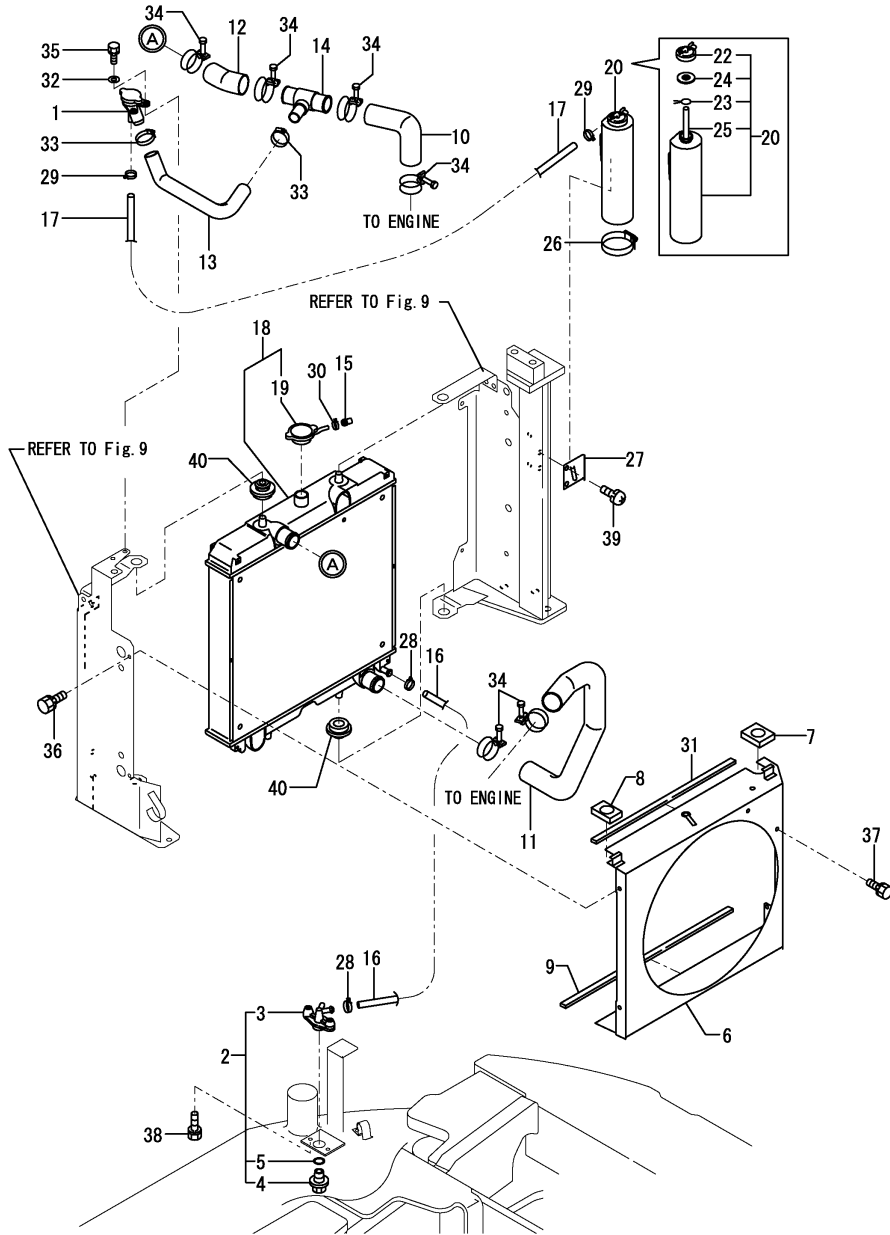
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4105-11950	FILLER ASSY	1	1	1					
2	1	172444-13210	COCK ASSY, 2-WAY	1	1	1					
3	2	172444-13220	BODY	1	1	1					
4	2	121250-49121	PLUG, DRAIN M16	1	1	1					
5	2	24311-000160	O-RING, 1AP16.0	1	1	1					
6	1	172A21-13260	SHROUD ASSY	1	1	1					
7	1	172187-13360	SEAL	1	1	1					
8	1	172187-13370	SEAL	1	1	1					
9	1	172187-13480	SEAL	1	1	1					
10	1	172A21-13500	PIPE, WATER	1	1	1					
11	1	172A21-13510	PIPE, WATER	1	1	1					
12	1	172A21-13520	PIPE, WATER	1	1	1					
13	1	172A21-13530	PIPE, WATER	1	1	1					
14	1	172A21-13560	JOINT ASSY, PIPE	1	1	1					
14-1	1	172A21-13561	JOINT ASSY, PIPE	1	1	1					R
15	1	172498-14120	CAP, DRAIN	1	1	1					
15-1	1	129457-44520	CAP	1	1	1					N
16	1	172187-14440	HOSE	1	1	1					
17	1	172171-14600	HOSE	1	1	1					
18	1	184015-44501	RADIATOR	1	1	1					
19	2	129107-44590	CAP, RADIATOR	1	1	1					
20	1	171064-44510	TANK ASSY, SUB	1	1	1					1
22	2	121450-44531	CAP	1	1	1					
23	2	124450-44560	CLAMP, HOSE	1	1	1					
24	2	121470-44581	GASKET	1	1	1					
25	2	23065-070225	HOSE 7X 225	1	1	1					
26	1	124450-44550	BAND, SUB-TANK	1	1	1					
27	1	121256-44600	BRACKET, SUB TANK	1	1	1					
28	1	124766-59050	CLAMP, HOSE 11.5	2	2	2					
29	1	124766-59050	CLAMP, HOSE 11.5	2	2	2					
30	1	124766-59050	CLAMP, HOSE 11.5	1	1	1					
30-1	1	129457-44530	CLAMP	1	1	1					N
31	1	172162-62540	SEAL, STEP	1	1	1					
32	1	22137-060000	WASHER, 6	2	2	2					
33	1	23001-041000	CLAMP, HOSE 41	2	2	2					
34	1	23010-050000	CLAMP, 50	6	6	6					
34-1	1	23001-048000	CLAMP, HOSE 48	6	6	6					N
35	1	26013-060162	BOLT, M6X 16	2	2	2					
36	1	26013-080162	BOLT, M8X 16	4	4	4					
37	1	26013-080162	BOLT, M8X 16	2	2	2					
38	1	26013-080252	BOLT, M8X 25	2	2	2					
39	1	26022-080162	SCREW, M8X16	2	2	2					
40	1	184015-44680	ABSORBER, SHOCK	4	4	4					W
41A	1	124764-44810	LABEL, SUB TANK	1	1	1					2
41A-1	1	172A38-03200	LABEL, SUB-TANK US	1	1	1					N 2

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

Fig.8. RADIATOR & SUB TANK

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

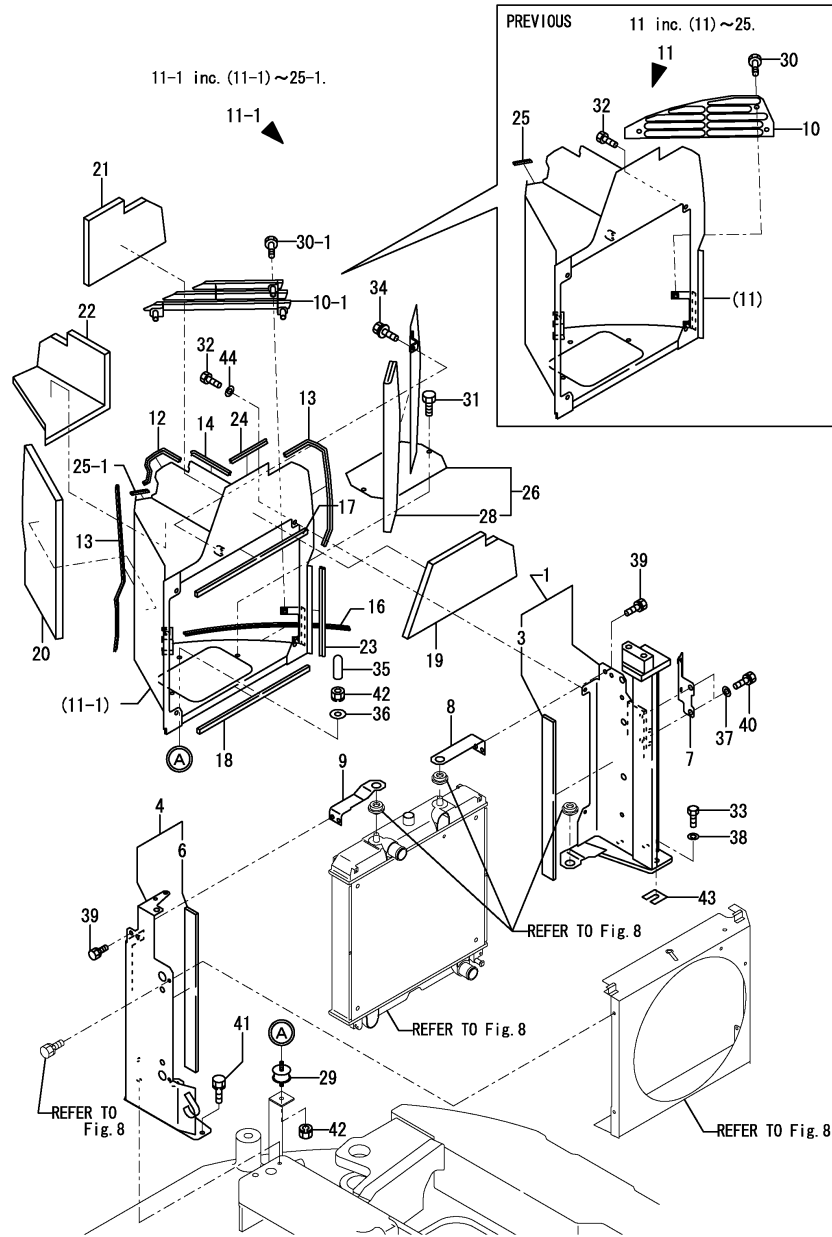


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41A-2	1	172A38-03201	LABEL, SUB TANK	1	1	1				N	2
		(A=M/#11682)	(B=M/#11682) (C=M/#11682)								

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

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



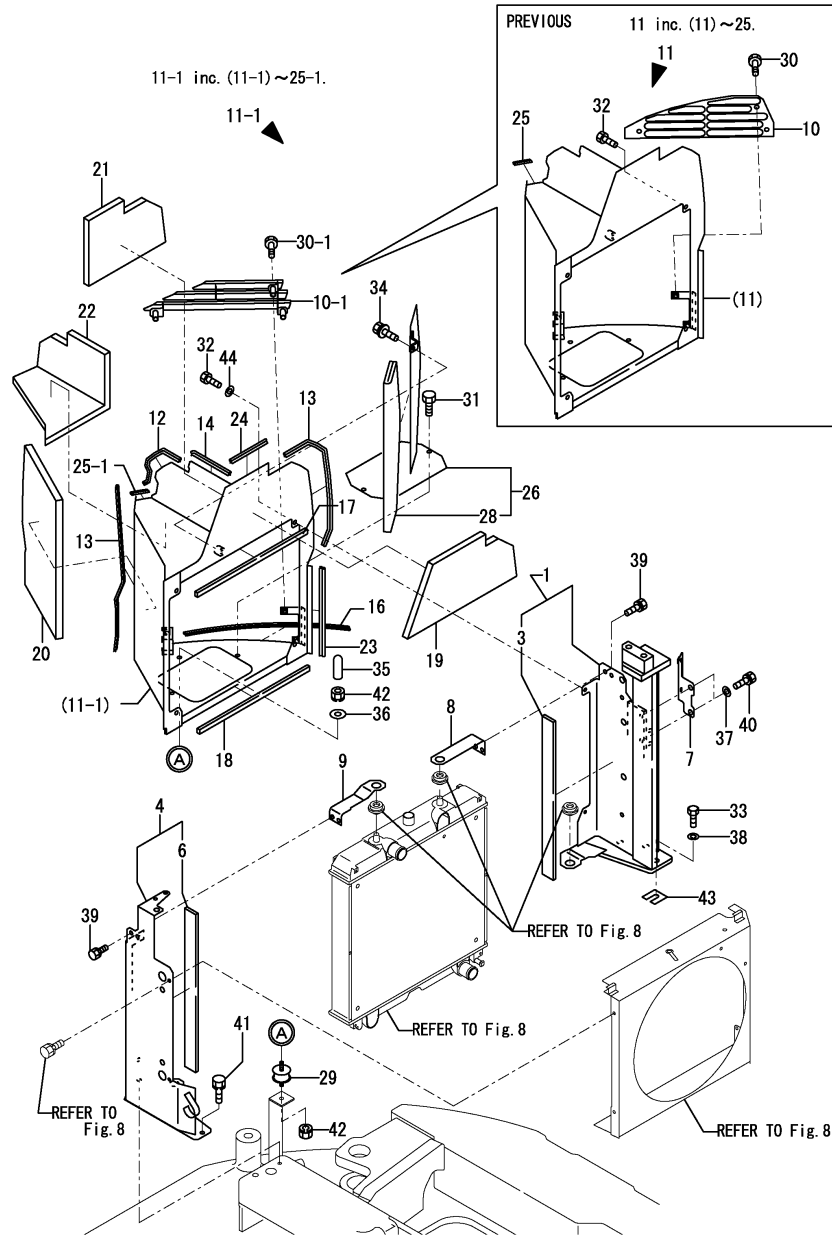
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-13300	BRACKET ASSY	1	1	1					
3	2	172A21-13390	SEAL, RADIATOR	1	1	1					
3-1	2	172A21-13391	SEAL, RADIATOR	1	1	1					N
4	1	172A21-13350	BRACKET ASSY	1	1	1					
6	2	172A21-13390	SEAL, RADIATOR	1	1	1					
6-1	2	172A21-13391	SEAL, RADIATOR	1	1	1					N
7	1	172455-13361	PLATE ASSY	1	1	1					
8	1	172A21-13400	STAY ASSY	1	1	1					
9	1	172A21-13420	STAY ASSY	1	1	1					
10	1	172455-13601-1	GRILLE ASSY, DUCT	1	1	1					
10-1	1	172A21-13800	LOUVER, WEIGHT	1	1	1					S
10-2	1	172A21-13800-1	LOUVER, WEIGHT	1	1	1					S
11	1	172478-13600	DUCT ASSY, RADIATOR	1	1	1					1
11-1	1	172A21-13600	DUCT ASSY, RADIATOR	1	1	1					S 1
12	2	172183-13480	RUBBER, SEAL	1	1	1					
13	2	172164-13520	RUBBER, SEAL	2	2	2					
14	2	172455-13610	RUBBER, SEAL	1	1	1					
16	2	172455-13620	RUBBER, SEAL	1	1	1					
17	2	172455-13630	SEAL, DUCT	1	1	1					
18	2	172455-13640	SEAL, DUCT	1	1	1					
19	2	172478-13640	SPONGE	1	1	1					
20	2	172478-13651	SPONGE	1	1	1					
21	2	172455-13670	SPONGE	1	1	1					
22	2	172455-13680	SPONGE	1	1	1					
23	2	172162-61120	SEAL	1	1	1					
24	2	172164-61250	RUBBER, SEAL	1	1	1					
25	2	172171-65850	RUBBER, SEAL	1	1	1					
25-1	2	172168-65800	RUBBER, SEAL	1	1	1					S
26	1	172478-13700-1	COVER, DUCT	1	1	1					
26-1	1	172478-13700-3	COVER, DUCT	1	1	1					S
28	2	172478-13750	SPONGE	1	1	1					
29	1	172162-13780	MOUNT, PAD	1	1	1					
30	1	172168-46760	BOLT	3	3	3					
30-1	1	26013-100502	BOLT, M10X 50	3	3	3					S
31	1	172168-46760	BOLT	2	2	2					
32	1	172168-46760	BOLT	4	4	4					
33	1	172165-53490	BOLT	3	3	3					
34	1	172519-63240	BOLT	1	1	1					
35	1	172187-64800	CAP	1	1	1					
36	1	22137-100000	WASHER, 10	1	1	1					
37	1	22157-100000	WASHER, 10	2	2	2					
38	1	22217-160000	WASHER, SPRING 16	3	3	3					
39	1	26013-100202	BOLT, M10X 20	4	4	4					

Remarks  
 (1) Attach the No.45A label to this part.  
 (2) Label is not illustrated.

Fig.9. RADIATOR MOUNT

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	1	26013-100202	BOLT, M10X 20	2	2	2					
41	1	26013-100252	BOLT, M10X 25	2	2	2					
42	1	26051-100002	NUT, M10	2	2	2					
43	1	172423-68350	SHIM	2	2	2					W
		(A=M/#10961) (B=M/#10961) (C=M/#10961)									
44	1	22137-100000	WASHER, 10	2	2	2					W
		(A=M/#11644) (B=M/#11644) (C=M/#11644)									
45A	1	172437-03390	LABEL, RADIATOR	1	1	1					2
45A-1	1	172437-03391	LABEL, RADIATOR	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

Remarks

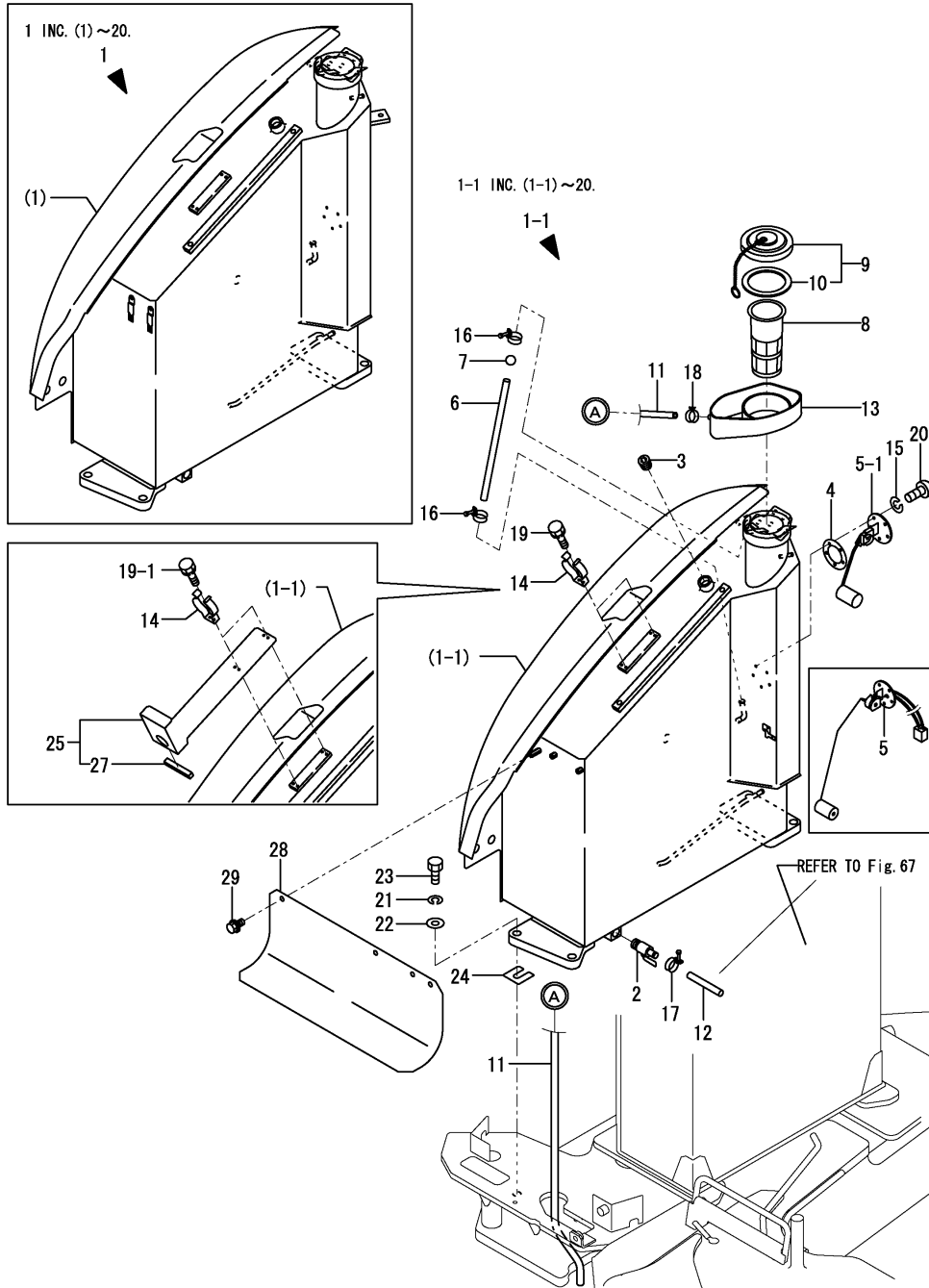
- (1) Attach the No.45A label to this part.
- (2) Label is not illustrated.



Fig.10. FUEL TANK

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

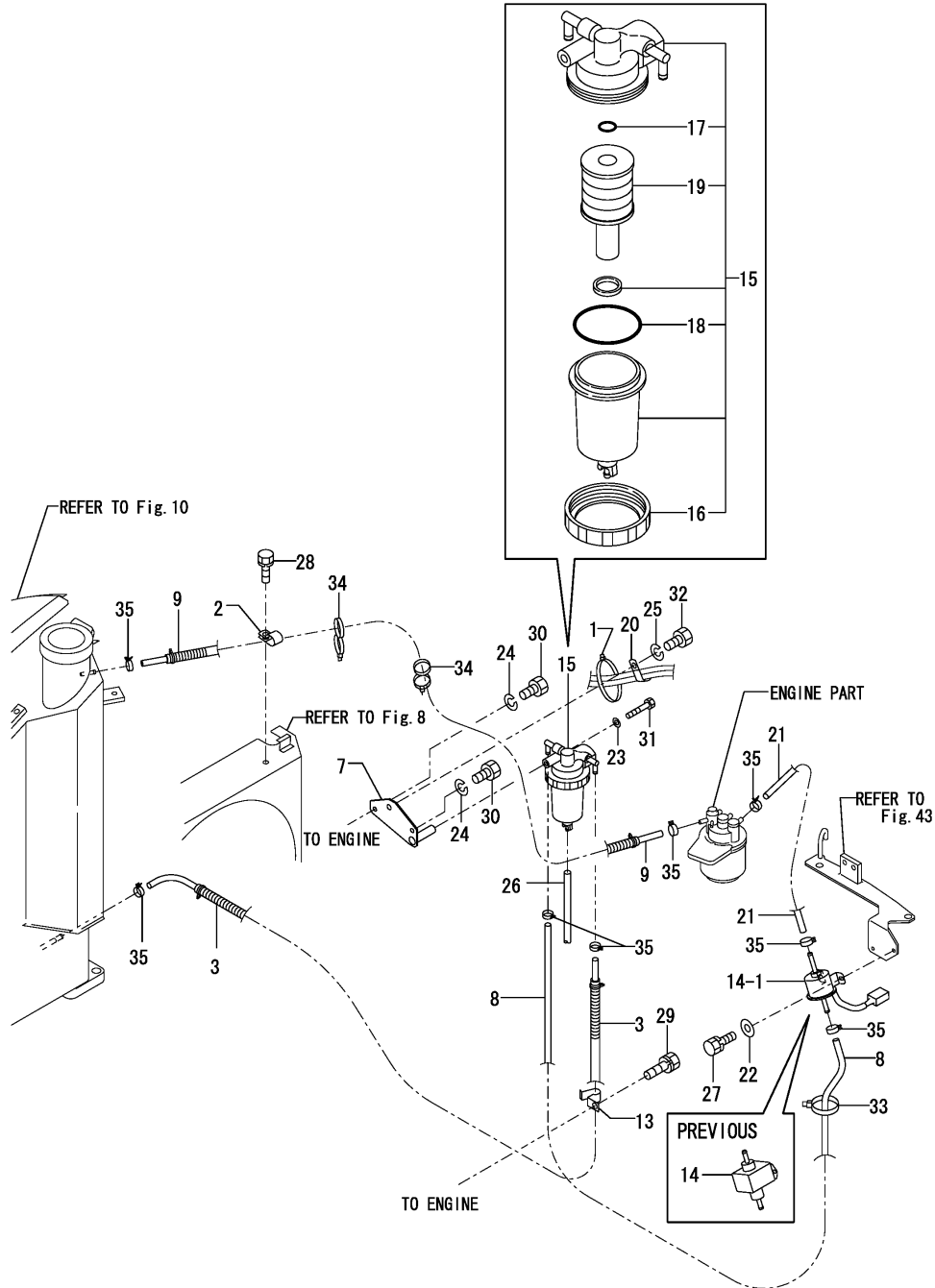


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772455-14102	TANK ASSY, FUEL	1	1	1					
1-1	1	772455-14103-1	TANK ASSY, FUEL	1	1	1					N
		(A=M/#11225) (B=M/#11225) (C=M/#11225)									
1-2	1	772A65-14100-1	TANK ASSY, FUEL	1	1	1					S
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
2	2	104200-11920	COCK, WATER	1	1	1					
3	2	23871-040000	PLUG, R04	1	1	1					W
		(A=M/#11225) (B=M/#11225) (C=M/#11225)									
4	2	172162-14200	GASKET	1	1	1					
5	2	172187-14221	GAUGE, FUEL	1	1	1					
5-1	2	172A78-14220	GAUGE, FUEL	1	1	1					N
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
6	2	172455-14240	HOSE, FUEL GAUGE	1	1	1					
7	2	172141-14260	FLOAT	1	1	1					
8	2	172187-14290	NET, FUEL	1	1	1					
9	2	172455-14340	CAP ASSY, TANK	1	1	1					
10	3	172187-14320	GASKET	1	1	1					
11	2	172455-14400	HOSE	1	1	1					
11-1	2	172A21-75110	HOSE	1	1	1					S
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
12	2	172444-14410	HOSE, DRAIN	1	1	1					
13	2	172455-14500	RUBBER, FUEL CATCH	1	1	1					
14	2	172122-55061	BRACKET, PUMP	2	2	2					
15	2	22217-050000	WASHER, SPRING 5	5	5	5					Z
		(A=M/#10635) (B=M/#10635) (C=M/#10635)									
16	2	23010-014000	CLAMP, 14	2	2	2					
17	2	23010-014000	CLAMP, 14	1	1	1					
17-1	2	106990-44660	CLAMP, HOSE 12.5	1	1	1					R
		(A=M/#10635) (B=M/#10635) (C=M/#10635)									
18	2	23080-013000	CLAMP, 13	1	1	1					
19	2	26013-060102	BOLT, M6X 10	4	4	4					
19-1	1	26013-060122	BOLT, M6X 12	4	4	4					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
20	2	26022-050122	SCREW, M5X12	5	5	5					
21	1	22217-160000	WASHER, SPRING 16	4	4	4					
22	1	22137-160000	WASHER, 16	4	4	4					
23	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4					
24	1	172423-68350	SHIM	3	3	3					W
		(A=M/#10961) (B=M/#10961) (C=M/#10961)									
25	1	172A65-05100	HOLDER ASSY	1	1	1					W
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
27	2	172455-64130	SEAL, HEATER	1	1	1					
28	1	172499-16160	COVER, BATTERY	1	1	1					W
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
29	1	26014-080162	BOLT, M8X 16	3	3	3					W
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									

Fig.11. FUEL PIPING

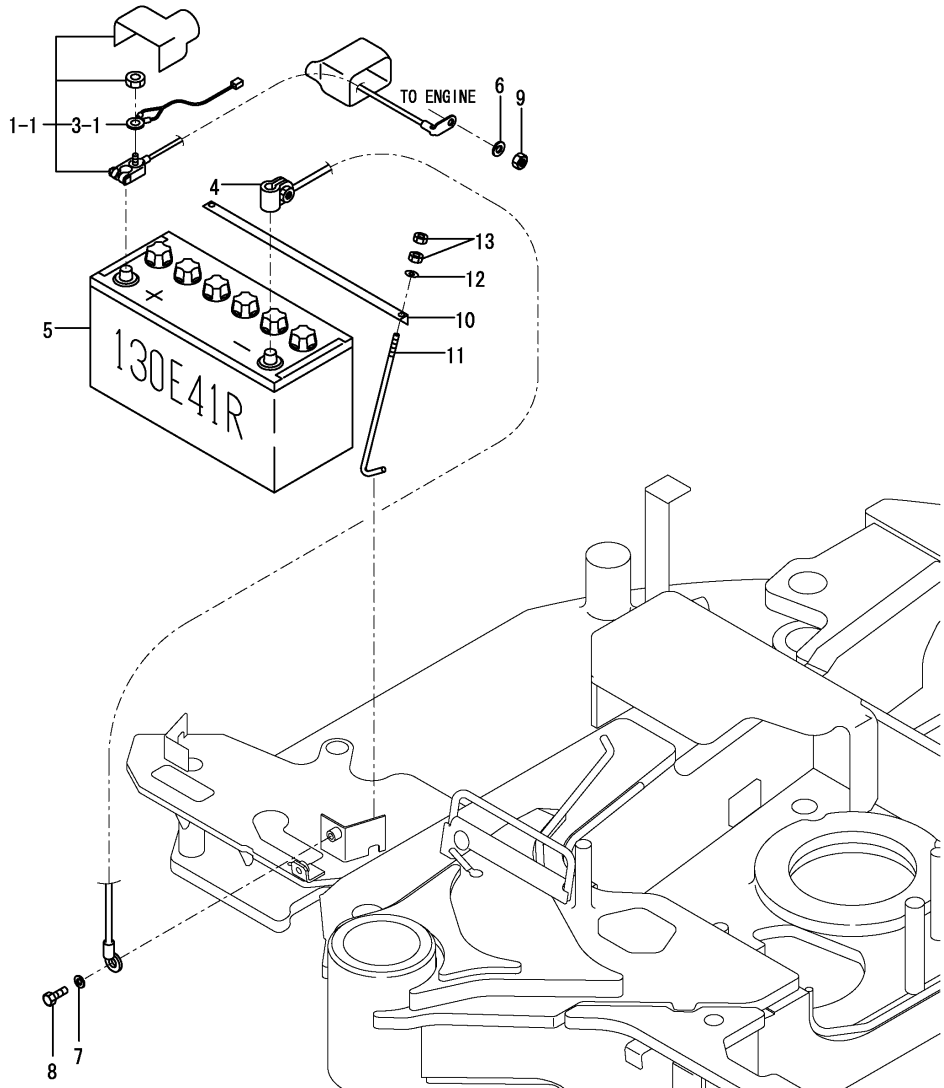
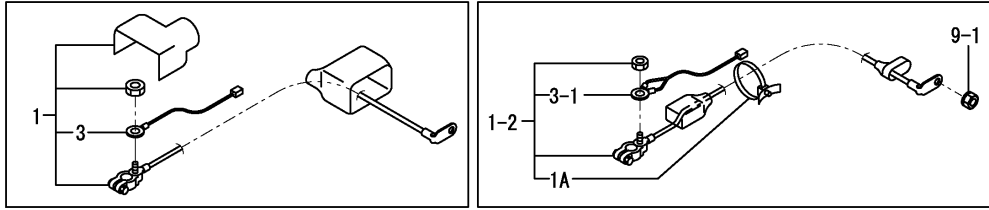
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1	1					
2	1	172187-14460	CLAMP	1	1	1					
3	1	172A21-14470	HOSE ASSY	1	1	1					
7	1	172A21-14610	BRACKET ASSY	1	1	1					
7-1	1	172A21-14611	BRACKET ASSY	1	1	1					N
		(A=M/10846) (B=M/10846) (C=M/10846)									
8	1	172164-14630	HOSE, FUEL	1	1	1					
8-1	1	172137-14610	PIPE, FUEL	1	1	1					N
		(A=M14004) (B=M14004) (C=M14004)									
9	1	172463-14650	HOSE, FUEL	1	1	1					
13	1	172112-16650	CLAMP	1	1	1					
14	1	129412-52100	PUMP, FUEL FEED	1	1	1					
14-1	1	129612-52100	PUMP, FUEL FEED	1	1	1					S
		(A=M13434) (B=M13434) (C=M13434)									
15	1	184016-55700	SEPARATOR ASSY,WATER	1	1	1					
15-1	1	184016-55701	SEPARATOR ASSY	1	1	1					N
		(A=M13579) (B=M13579) (C=M13579)									
16	2	129100-55690	RING, CUP RETAINING	1	1	1					
17	2	24311-000160	O-RING, 1AP16.0	1	1	1					
18	2	24321-000650	O-RING, 1AG65.0	1	1	1					
19	2	119802-55710	ELEMENT	1	1	1					
20	1	1A1380-59480	CLAMP, CORD	1	1	1					
21	1	172137-13400	PIPE, DRAIN	1	1	1					
22	1	22137-060000	WASHER, 6	2	2	2					
23	1	22217-080000	WASHER, SPRING 8	1	1	1					
24	1	22217-080000	WASHER, SPRING 8	2	2	2					Z
		(A=M/10846) (B=M/10846) (C=M/10846)									
25	1	22217-100000	WASHER, SPRING 10	1	1	1					
26	1	23061-050500	PIPE, 5X 500	1	1	1					
27	1	26013-060162	BOLT, M6X 16	2	2	2					
28	1	26013-100162	BOLT, M10X 16	1	1	1					
29	1	26013-100162	BOLT, M10X 16	1	1	1					
30	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2					
30-1	1	26013-080202	BOLT, M8X 20	2	2	2					N
		(A=M/10846) (B=M/10846) (C=M/10846)									
31	1	26116-080702	BOLT, M8X 70 PLATED	1	1	1					
32	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1					
33	1	933168-55770	BAND	1	1	1					
34	1	172137-16560	BAND	2	2	2					
35	1	124766-59050	CLAMP, HOSE 11.5	8	8	8					

Fig.12. BATTERY



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

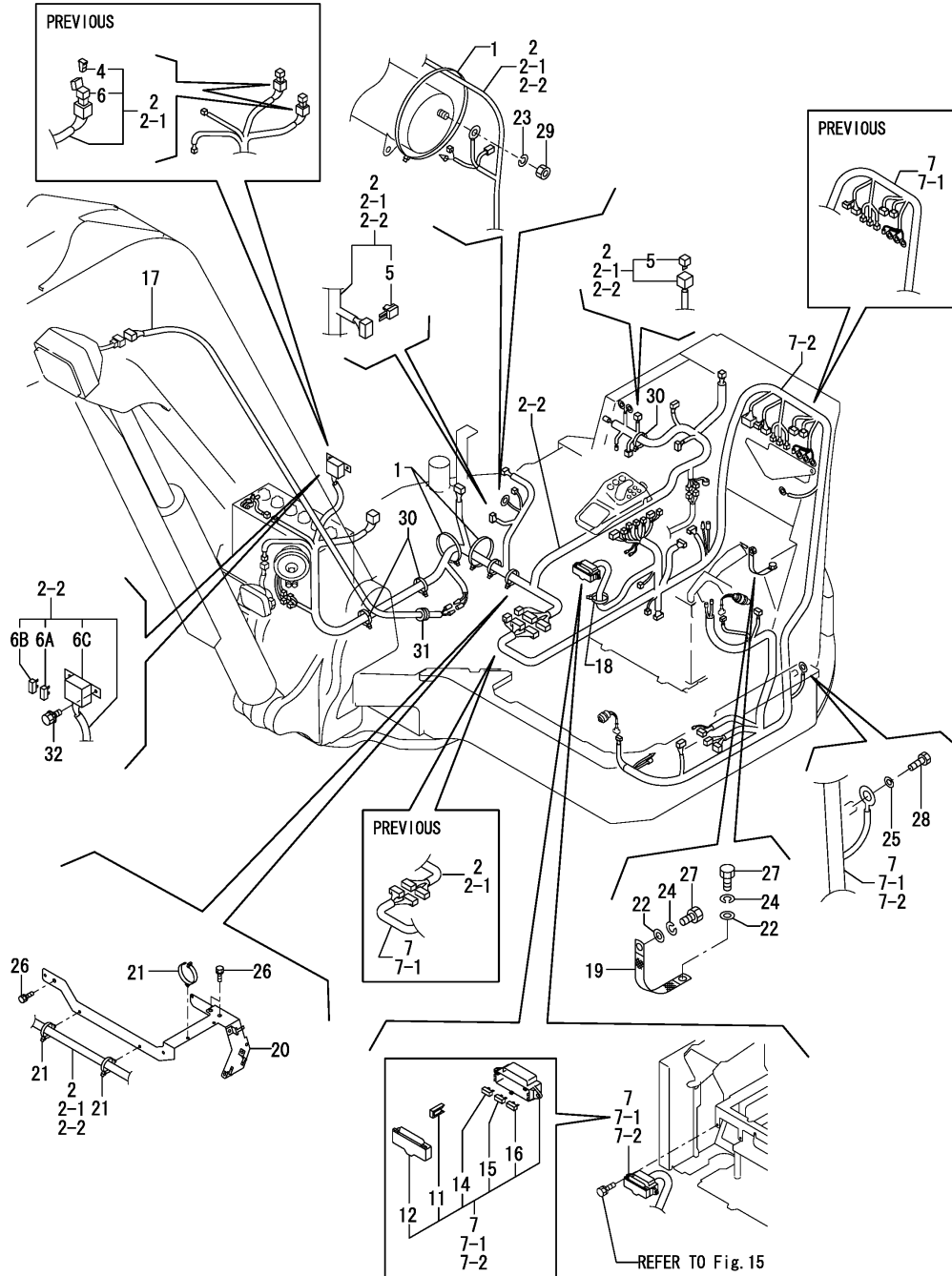
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-16100	CORD, BATTERY	1	1	1					
1-1	1	172A22-16100	CORD ASSY, BATTERY	1	1	1					S
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
1-2	1	172A65-16100	CORD, BATTERY	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
1A	2	1E8775-84120	CLAMP, BAND	1	1	1					W
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
3	2	172A21-16120	HARNESS, WIRE	1	1	1					
3-1	2	172A65-16120	HARNESS, BATTERY	1	1	1					S
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
4	1	172187-16110	CORD, BATTERY	1	1	1					
5	1	172187-16150	BATTERY	1	1	1					
6	1	22217-080000	WASHER, SPRING 8	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
7	1	22217-100000	WASHER, SPRING 10	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
8	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1					
8-1	1	26013-100162	BOLT, M10X 16	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
9	1	26716-080002	NUT, M8	1	1	1					
9-1	1	26051-080002	NUT, M8	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
10	1	172112-16201	RETAINER, BATTERY	1	1	1					
11	1	172164-16370	ROD	2	2	2					
12	1	22157-080000	WASHER, 8	2	2	2					
13	1	26716-080002	NUT, M8	4	4	4					

Fig.13. WIRING

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



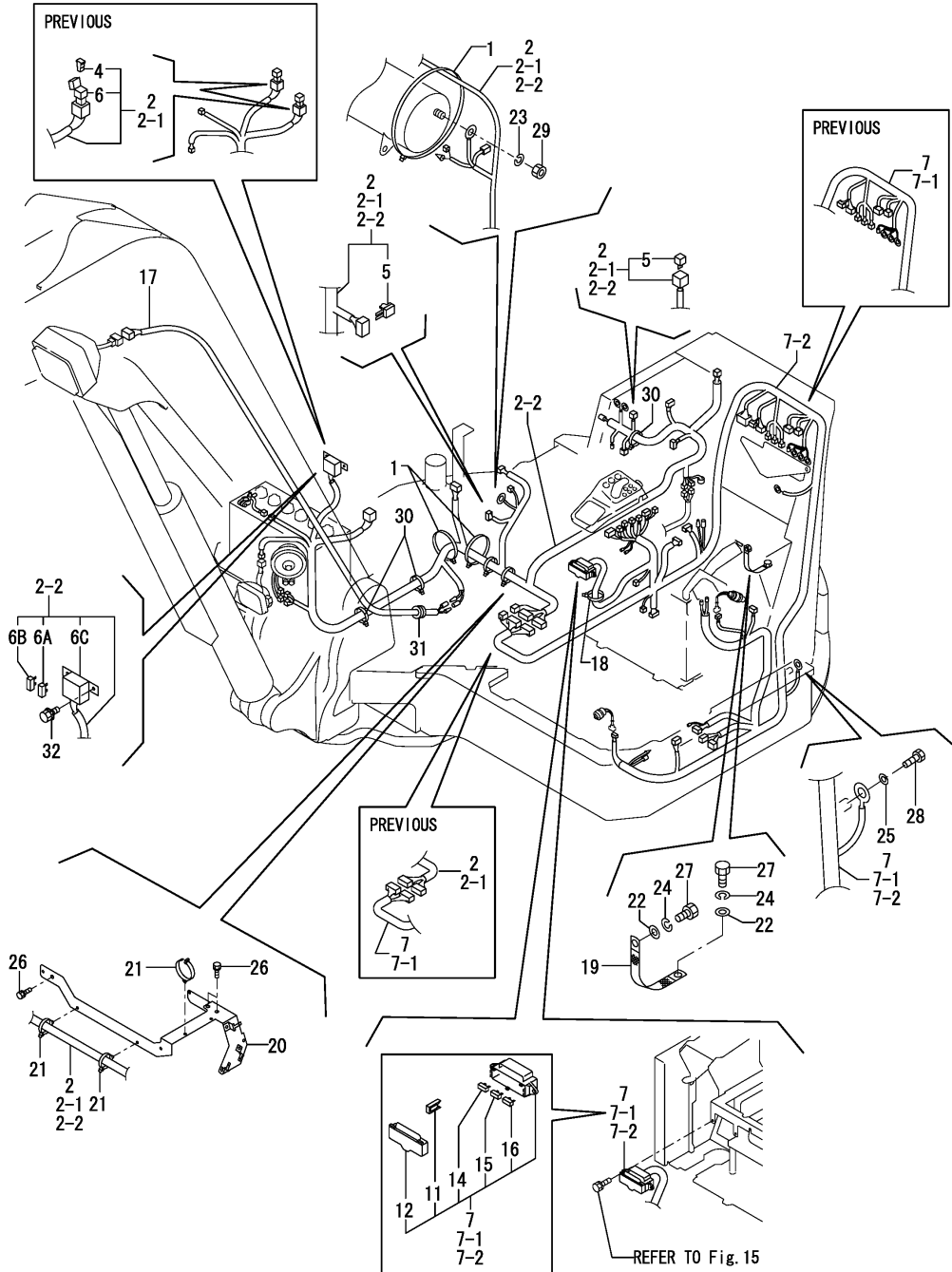
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	4	4	4					
2	1	172A21-16501	HARNESS ASSY, WIRE	1	1	1					
2-1	1	172A21-16502	HARNESS ASSY, WIRE	1	1	1					N
2-2	1	172A21-16550	HARNESS ASSY, WIRE	1	1	1					S
		(A=M/#11225) (B=M/#11225) (C=M/#11225) (A=*2008.07) (B=*2008.07) (C=*2008.07)									
4	2	172458-16550	FUSE, SLOWBLOW	2	2	2					Z
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
5	2	172648-16600	DIODE, 1.5-2P	2	2	2					
6	2	172447-17140	HOUSING	2	2	2					Z
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
6A	2	172A65-16550	FUSE, SLOWBLOW	2	2	2					W
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
6B	2	172A65-16560	FUSE, SLOWBLOW	1	1	1					W
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
6C	2	172A65-16570	BOX, FUSE	1	1	1					W
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
7	1	172A21-16521	HARNESS ASSY, WIRE	1	1	1					
7-1	1	172A21-16522	HARNESS ASSY, WIRE	1	1	1					N
		(A=M/#11225) (B=M/#11225) (C=M/#11225)									
7-2	1	172A21-16570	HARNESS ASSY, WIRE	1	1	1					S
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									
11	2	172175-17120	PULLER	1	1	1					
12	2	172187-17220	COVER	1	1	1					
14	2	29420-050000	FUSE, B 5A	2	2	2					
15	2	29420-150000	FUSE, B 15A	6	6	6					
16	2	29420-300000	FUSE, B 30A	2	2	2					
17	1	172187-16530	HARNESS, WIRE	1	1	1					
18	1	172183-16560	CLIP, HOSE	1	1	1					
19	1	172187-16600	CORD, ENGINE EARTH	1	1	1					
20	1	172A21-16700	SUPPORT ASSY	1	1	1					
20-1	1	172A21-16701	SUPPORT ASSY	1	1	1					N
		(A=M/#10676) (B=M/#10676) (C=M/#10676)									
21	1	194680-51670	BAND, CLIP	8	8	8					
22	1	22137-100000	WASHER, 10	2	2	2					
23	1	22217-050000	WASHER, SPRING 5	1	1	1					
23-1	1	22217-060000	WASHER, SPRING 6	1	1	1					N
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
24	1	22217-100000	WASHER, SPRING 10	2	2	2					
25	1	22217-100000	WASHER, SPRING 10	1	1	1					
26	1	26013-080162	BOLT, M8X 16	3	3	3					
27	1	26116-100162	BOLT, M10X 16 PLATED	2	2	2					
28	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1					
29	1	26716-050002	NUT, M5	1	1	1					
29-1	1	26716-060002	NUT, M6	1	1	1					N
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
30	1	933152-09280	BAND	4	4	4					
30-1	1	933152-09280	BAND	6	6	6					K
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
30-2	1	933152-09280	BAND	5	5	5					K
		(A=*2008.07) (B=*2008.07) (C=*2008.07)									

N:Old  $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$  New, Q:Old  $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \end{matrix}$  New, R:Old  $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \end{matrix}$  New, S:Old  $\begin{matrix} \leftarrow \text{No} \\ \text{No} \end{matrix}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++  
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Fig.13. WIRING

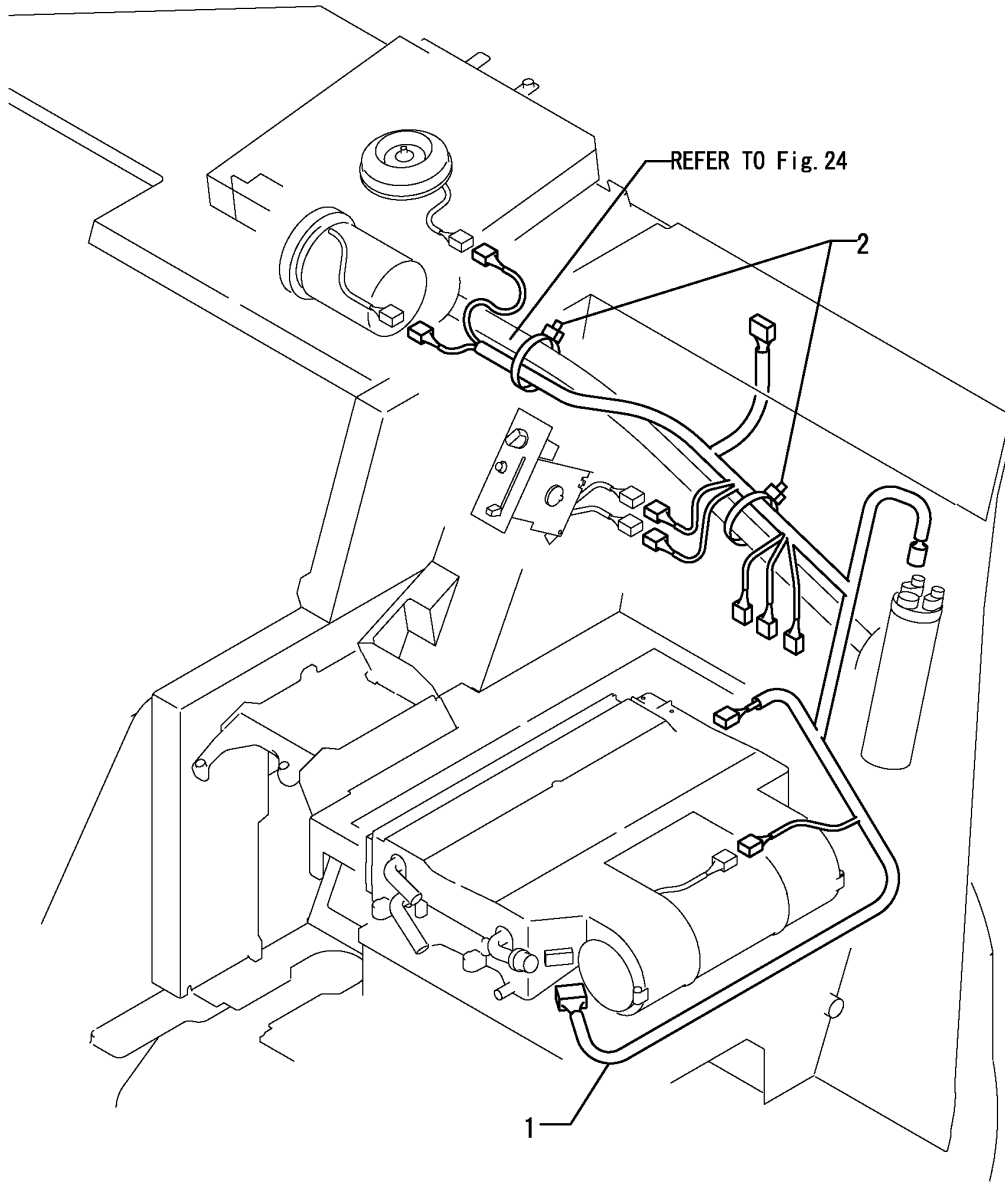
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
31	1	933171-15680	GROMMET	1	1	1					
32	1	26014-060162	BOLT, M6X 16	2	2	2					W
		(A=*2008.07)	(B=*2008.07)	(C=*2008.07)							

Fig.14. WIRING(AIR CONDITIONER SPEC.)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

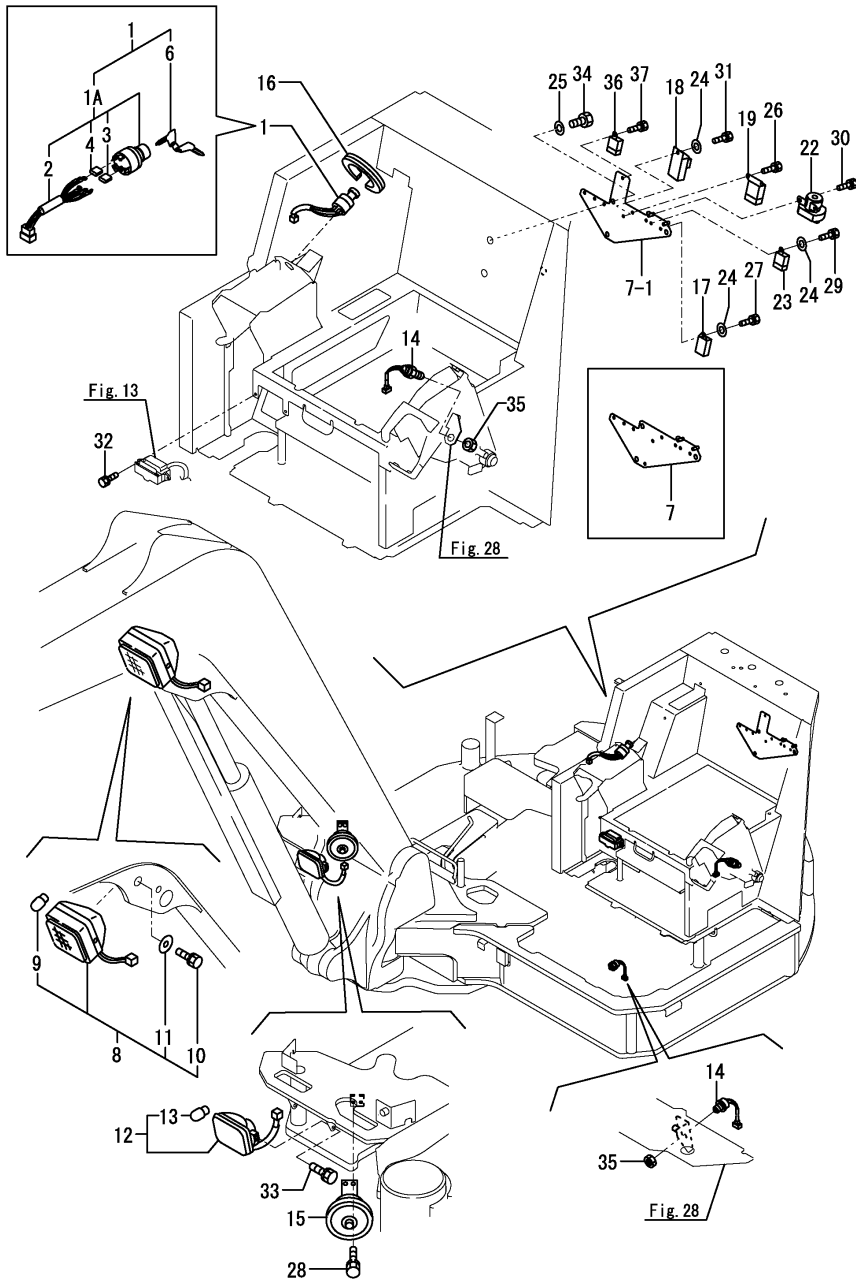
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-16600	HARNES, WIRE	1	1	1					
2	1	933152-09280	BAND	2	2	2					

Fig.15. EQUIPMENT & STARTER SWITCH

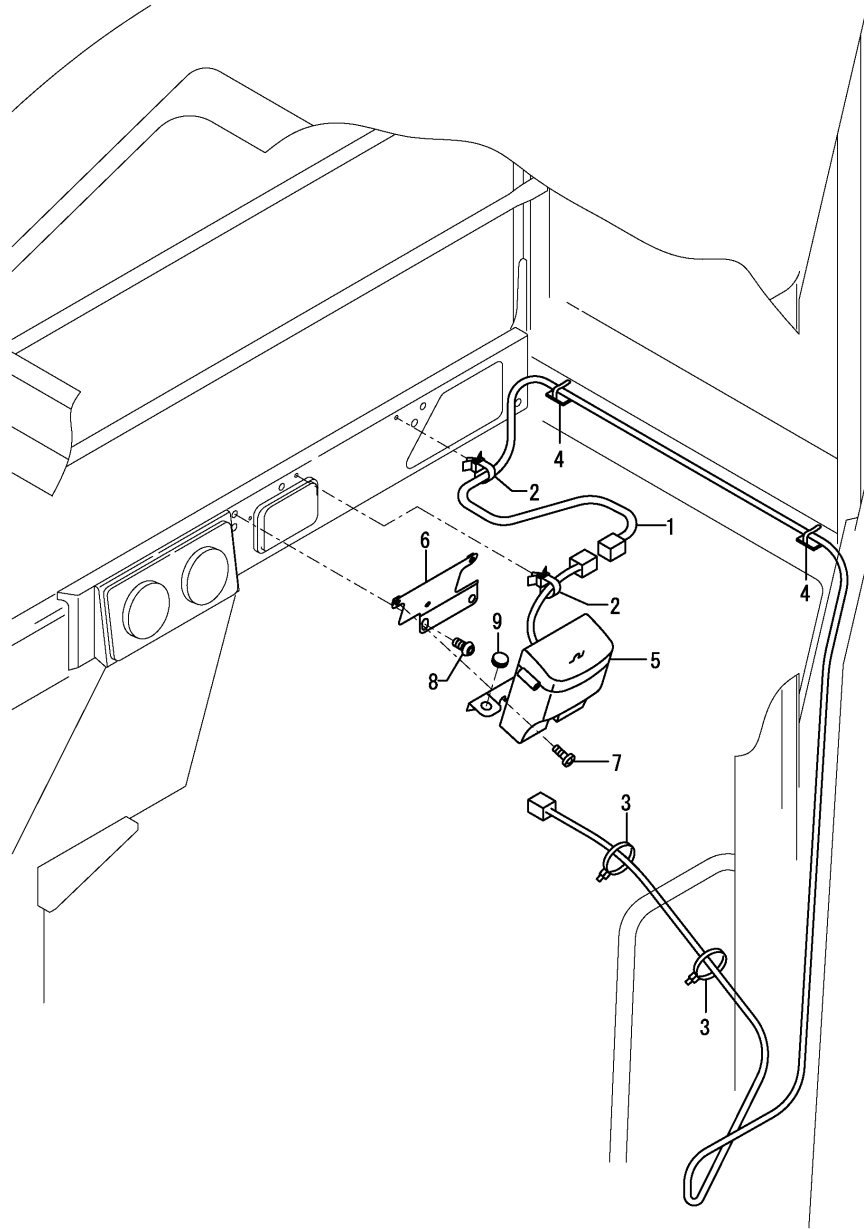
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1	1					
1-1	1	172187-17101	SWITCH ASSY, STARTER	1	1	1					N
		(A=M14004) (B=M14004) (C=M14004)									
1A	2	172A47-17210	CYLINDER ASSY, KEY	1	1	1					W
		(A=M13588) (B=M13588) (C=M13588)									
1A-1	2	172A47-17211	CYLINDER ASSY, KEY	1	1	1					N
		(A=M14004) (B=M14004) (C=M14004)									
2	3	172187-17070	CORD ASSY	1	1	1					
3	3	172187-17080	COVER	3	3	3					
4	3	172187-17090	COVER	2	2	2					
6	2	933110-00301	KEY ASSY	1	1	1					
7	1	172A21-17110	BRACKET ASSY, RELAY	1	1	1					
7-1	1	172A21-17111	BRACKET ASSY, RELAY	1	1	1					S
		(A=M13552) (B=M13552) (C=M13552)									
8	1	172162-17400	LAMP ASSY, WORK	1	1	1					
9	2	172141-17211	BULB	1	1	1					
10	2	26013-080202	BOLT, M8X 20	2	2	2					
11	2	22157-080000	WASHER, 8	2	2	2					
12	1	172162-17410	LAMP ASSY, HEAD	1	1	1					
13	2	29220-788200	BULB, 12V 25W	1	1	1					
14	1	194464-52190	SWITCH, START	2	2	2					
15	1	194151-57100	HORN	1	1	1					
16	1	172146-61370	RUBBER, SEAL	1	1	1					Z
		(A=M/#10678) (B=M/#10678) (C=M/#10678)									
17	1	119247-77100	RELAY, POWER	1	1	1					
17-1	1	198461-52950	RELAY, CA TYPE C	1	1	1					R
		(A=M13596) (B=M13596) (C=M13596)									
18	1	119802-77200	RELAY, SAFETY	1	1	1					
19	1	119650-77910	RELAY ASSY, GLOW	1	1	1					
22	1	124612-77910	SWITCH, AIR HEATER	1	1	1					
23	1	129211-77920	TIMER	1	1	1					
24	1	22137-060000	WASHER, 6	3	3	3					
25	1	22217-100000	WASHER, SPRING 10	3	3	3					
26	1	26013-060122	BOLT, M6X 12	2	2	2					
27	1	26013-060122	BOLT, M6X 12	1	1	1					
28	1	26013-060162	BOLT, M6X 16	2	2	2					
29	1	26013-060162	BOLT, M6X 16	1	1	1					
30	1	26013-060122	BOLT, M6X 12	2	2	2					
31	1	26013-060202	BOLT, M6X 20	1	1	1					
32	1	26013-060202	BOLT, M6X 20	2	2	2					
33	1	26013-080162	BOLT, M8X 16	2	2	2					
34	1	26116-100162	BOLT, M10X 16 PLATED	3	3	3					
35	1	26776-180002	NUT, LOCK M18	2	2	2					
36	1	124970-77920	TIMER	1	1	1					W
		(A=M13552) (B=M13552) (C=M13552)									
37	1	26014-060162	BOLT, M6X 16	2	2	2					W
		(A=M13552) (B=M13552) (C=M13552)									

Fig.16. QUICK COUPLER



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

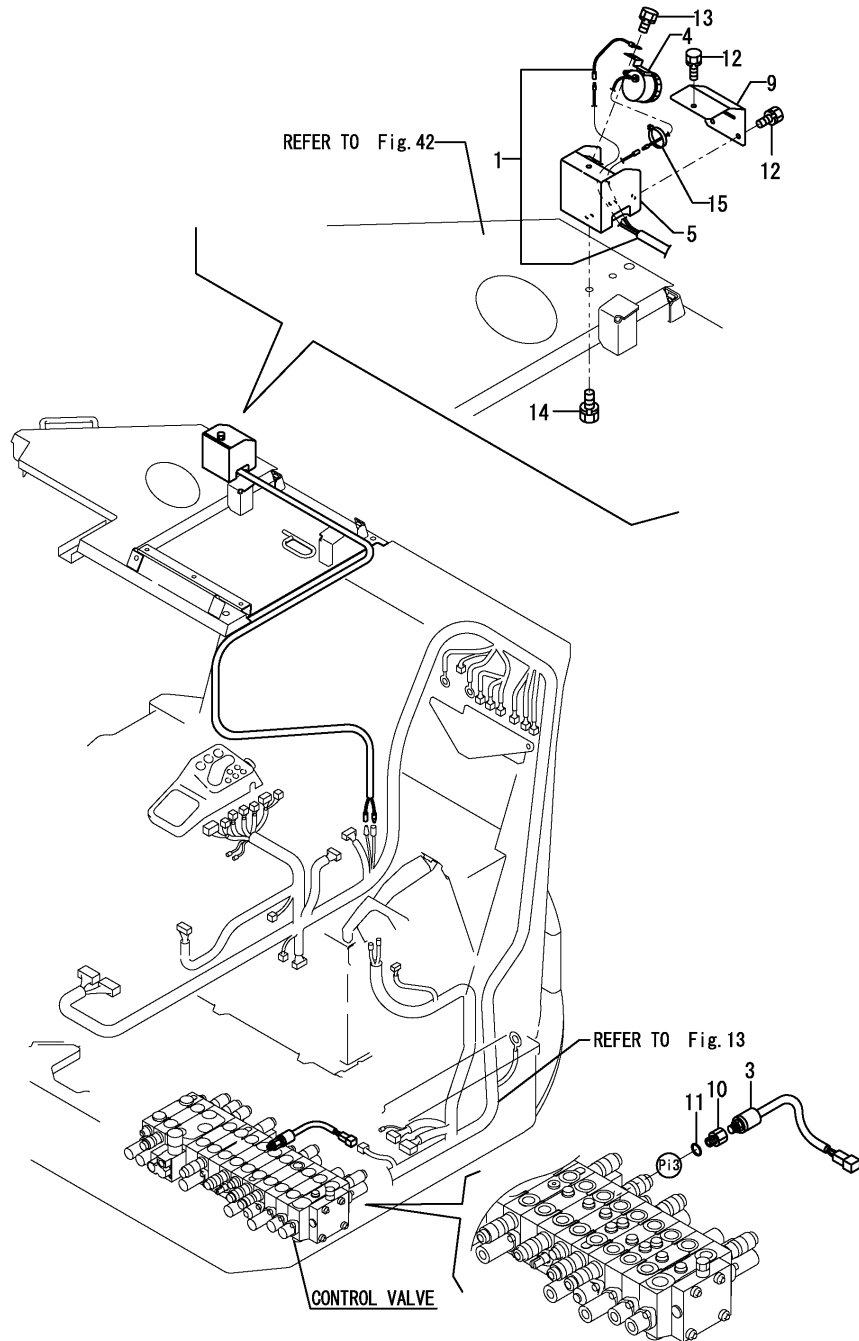
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-16501	HARNES, QUICK HITCH	1	1	1					
2	1	172458-17880	BAND	2	2	2					
3	1	933152-09280	BAND	2	2	2					
4	1	933169-15231	STEP	2	2	2					
5	1	172958-17100	BOX, SWITCH	1	1	1					1
5-1	1	172958-17101	BOX, SWITCH	1	1	1					N
		(A=M/#10676)	(B=M/#10676)	(C=M/#10676)							
6	1	172978-17100	STAY ASSY, SWITCH	1	1	1					
7	1	172137-46210	SCREW	3	3	3					
8	1	172455-61710	BOLT M 8X 16	2	2	2					
9	1	172187-64900	PLUG	1	1	1					
10A	1	172472-03290	LABEL, SWITCH	1	1	1					2
10B	1	172472-03300	LABEL, COVER	1	1	1					2

Remarks

- (1) Attach the No.10A & 10B label to this part.
- (2) Label is not illustrated.



Fig.17. TRAVEL ALARM

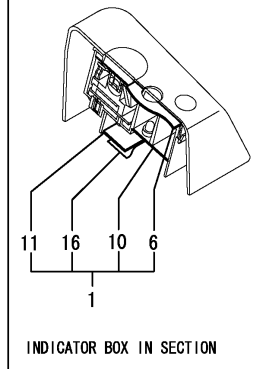
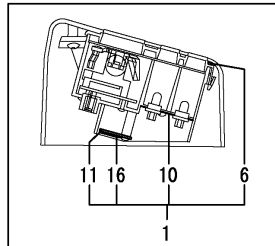
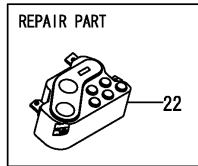
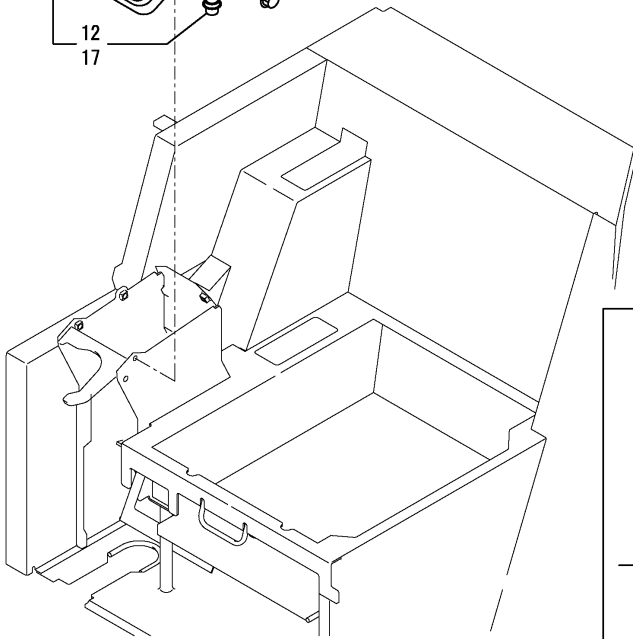
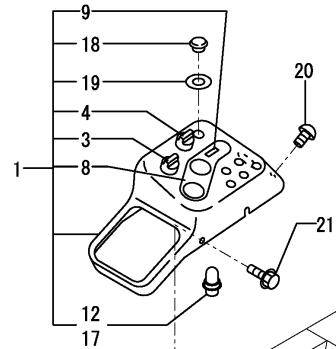


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-16570	HARNES D	1	1	1					
3	1	172478-17200	SWITCH, PRESSURE	1	1	1					
4	1	172511-17351	BUZZER, BACK	1	1	1					
5	1	172472-17400	CASE ASSY, ALARM	1	1	1					
9	1	172472-17470	COVER, ALARM CASE	1	1	1					
10	1	172156-76110	CONNECTOR,PF1/4PT1/8	1	1	1					
11	1	24315-000110	O-RING, 1BP11.0	1	1	1					
12	1	26013-060122	BOLT, M6X 12	3	3	3					
13	1	26013-080122	BOLT, M8X 12	1	1	1					
14	1	26013-100162	BOLT, M10X 16	2	2	2					
15	1	933168-55770	BAND	1	1	1					

Fig.18. INDICATOR BOX(TO M13433)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-17350	BOX, INDICATOR	1	1	1					
1-1	1	172478-17351	BOX, INDICATOR	1	1	1					N 1
		(A=M/#10746) (B=M/#10746) (C=M/#10746)									
3	2	172187-17280	SWITCH ASSY, LIGHT	1	1	1					
4	2	172472-17300	SWITCH ASSY, WASHER	1	1	1					
6	2	172187-17320	PACKING	1	1	1					
8	2	172187-17341	GAUGE ASSY	1	1	1					
9	2	172187-17350	METER ASSY, HOUR	1	1	1					
10	2	172187-17360	PRINT, CIRCUIT	1	1	1					
11	2	172187-17371	CIRCUIT ASSY	1	1	1					
12	2	172187-17380	BULB	4	4	4					
16	2	172187-17470	PLATE	1	1	1					
17	2	172187-17480	BULB	2	2	2					
18	2	172187-17560	CAP	1	1	1					
19	2	172187-17570	GASKET	1	1	1					
20	1	172458-46720	BOLT	2	2	2					
21	1	172519-63240	BOLT	2	2	2					
22	1	172A77-17500	MONITOR ASSY	1	1	1					W 2
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									

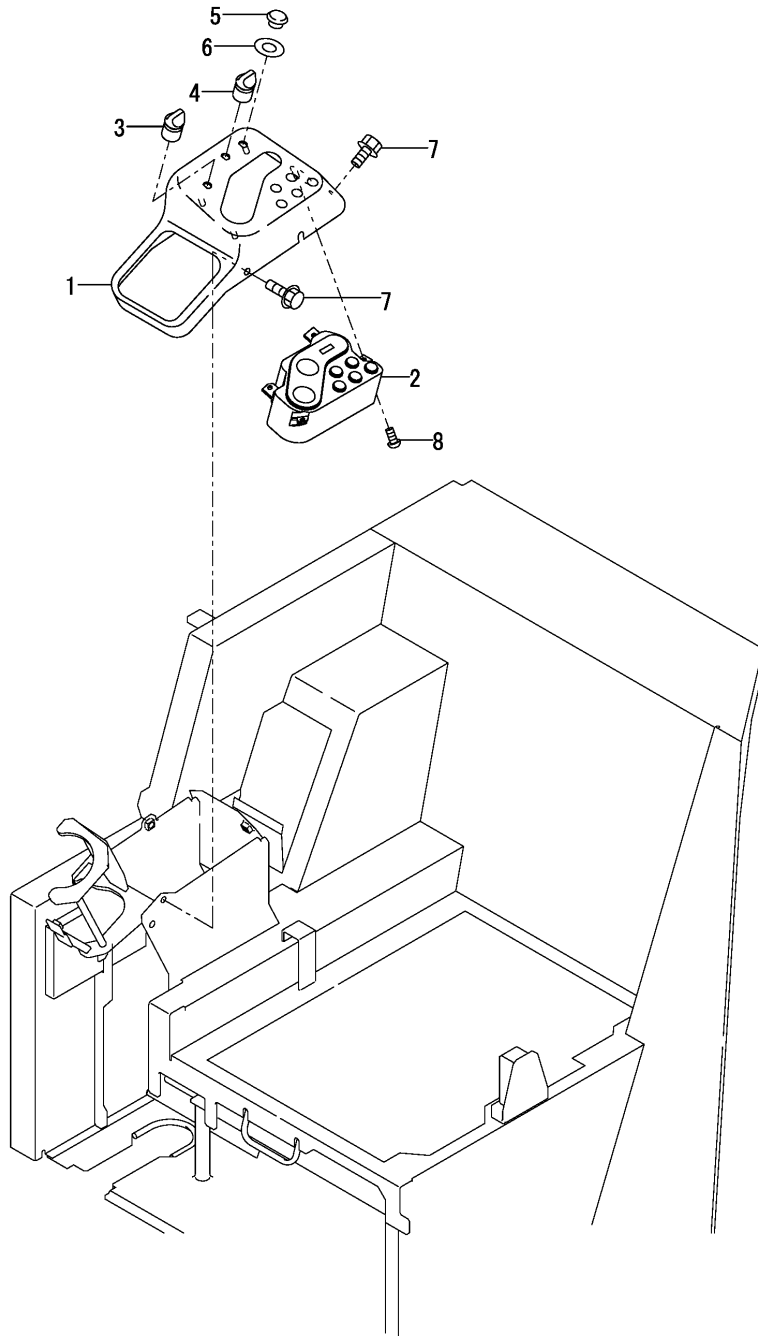
Remarks

- (1)Hour meter = analog type. Only the monitor port copes in No.22.
- (2)Hour meter = L.C.D. type.

Fig.99. (18A)INDICATOR BOX(FROM M13434)

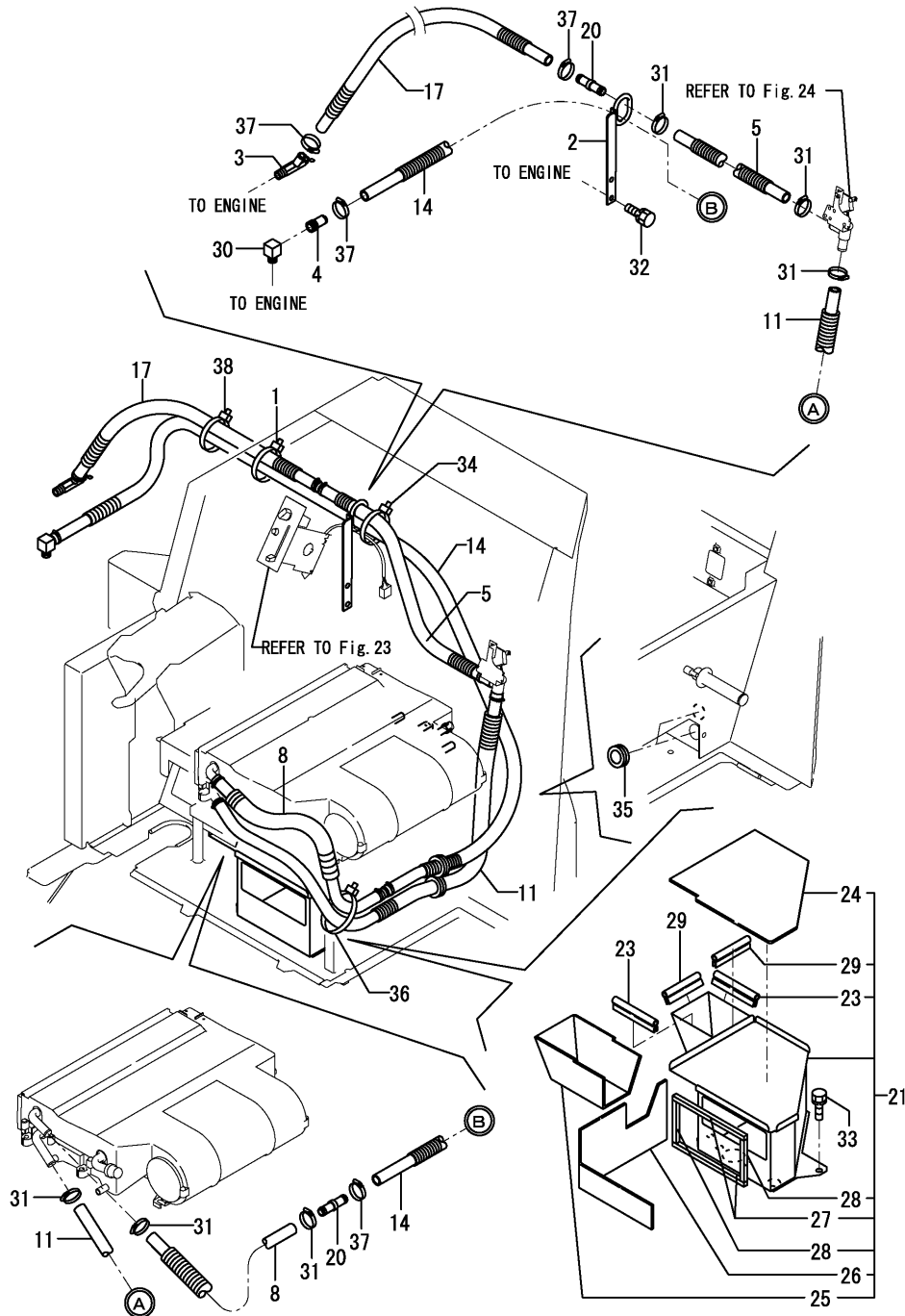
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A25-17210 (A=*2008.07) (B=*2008.07) (C=*2008.07)	PANEL, INSTRUMENT	1							
2	1	172A77-17250	MONITOR ASSY	1							
3	1	172187-17280	SWITCH ASSY, LIGHT	1							
4	1	172472-17300	SWITCH ASSY, WASHER	1							
5	1	172187-17560	CAP	1							
6	1	172187-17570	GASKET	1							
7	1	172519-63240	BOLT	4							
8	1	22857-500121	SCREW 5X12	4							

Fig.19. HEATER

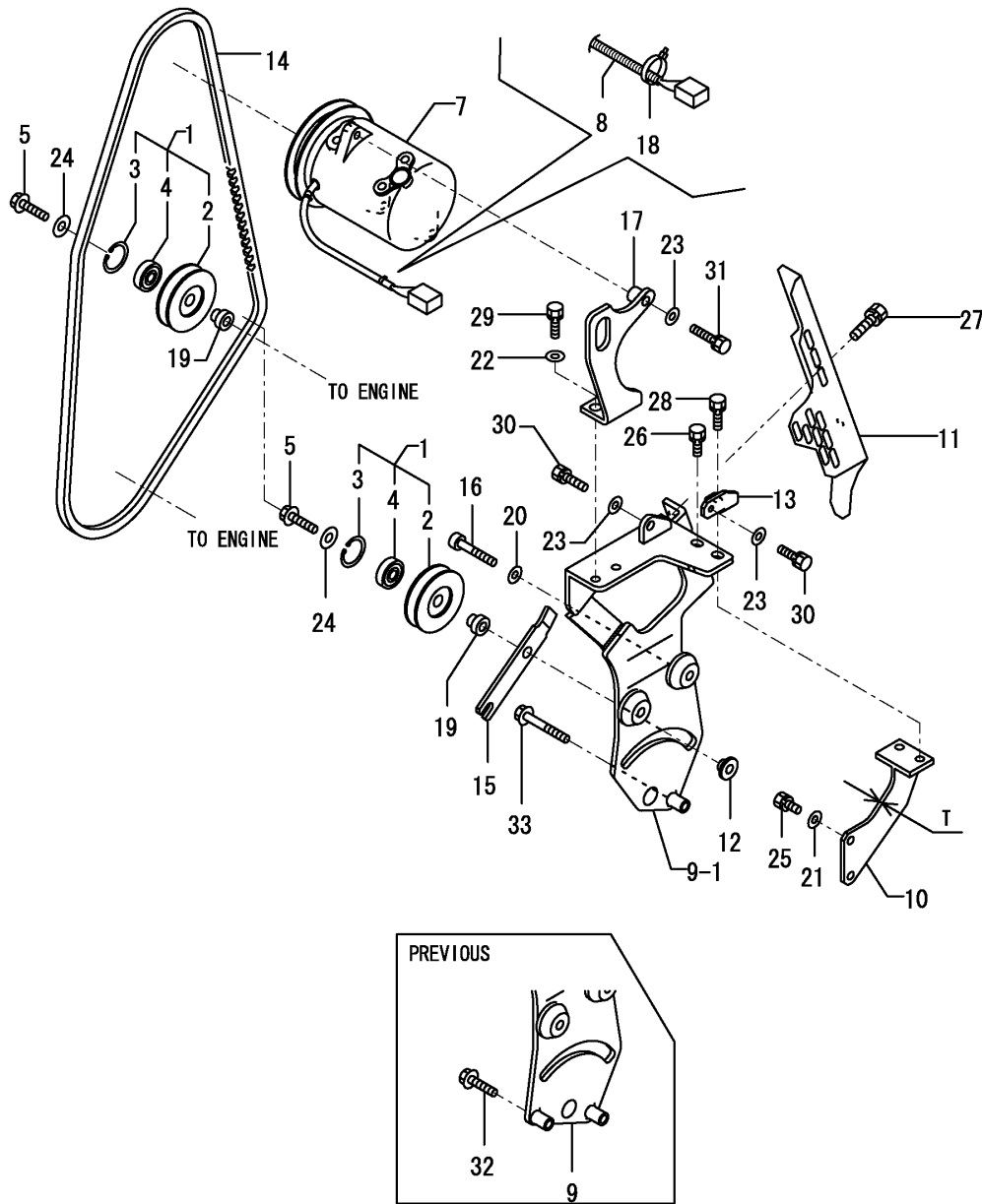


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2	2					
1-1	1	172126-11510	BAND	1	1	1					K
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
2	1	172455-17601	GUIDE ASSY, HOSE	1	1	1					
3	1	172425-17630	VALVE ASSY, HEATER	1	1	1					
4	1	172124-17640	JOINT, PIPE	1	1	1					
4-1	1	129122-44480	JOINT	1	1	1					N
		(A=M15129) (B=M15129) (C=M15129)									
5	1	172455-17780	HOSE ASSY, HEATER	1	1	1					
8	1	172455-17790	HOSE ASSY, HEATER	1	1	1					
11	1	172455-17800	HOSE ASSY, HEATER	1	1	1					
14	1	172455-17830	HOSE ASSY, HEATER	1	1	1					
17	1	172455-17860	HOSE ASSY, HEATER	1	1	1					
20	1	172455-17930	JOINT, HOSE	2	2	2					
21	1	172455-63600	DUCT ASSY	1	1	1					
23	2	172455-63660	SEAL, RUBBER	2	2	2					
24	2	172455-63700	SHEET, INSULATOR	1	1	1					
25	2	172455-63710	SHEET, INSULATOR	1	1	1					
26	2	172455-63720	SHEET, INSULATOR	1	1	1					
27	2	172455-64110	SEAL, HEATER	2	2	2					
28	2	172455-64130	SEAL, HEATER	2	2	2					
29	2	172164-66650	RUBBER, SEAL	2	2	2					
30	1	172168-79520	ELBOW	1	1	1					
30-1	1	172499-17650	ELBOW	1	1	1					N
		(A=M15129) (B=M15129) (C=M15129)									
31	1	23001-022000	CLAMP, HOSE 22	10	10	10					
31-1	1	23001-022000	CLAMP, HOSE 22	6	6	6					K
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
32	1	26013-080162	BOLT, M8X 16	2	2	2					
33	1	26013-100202	BOLT, M10X 20	2	2	2					
34	1	933152-09280	BAND	1	1	1					
35	1	933171-15680	GROMMET	2	2	2					
36	1	172126-11510	BAND	1	1	1					W
		(A=M/#10505) (B=M/#10505) (C=M/#10505)									
37	1	23080-018000	CLAMP, 18	4	4	4					W
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
38	1	172187-78580	BAND	1	1	1					W
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									

Fig.21. AIR CONDITIONER(ENGINE RELATED)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

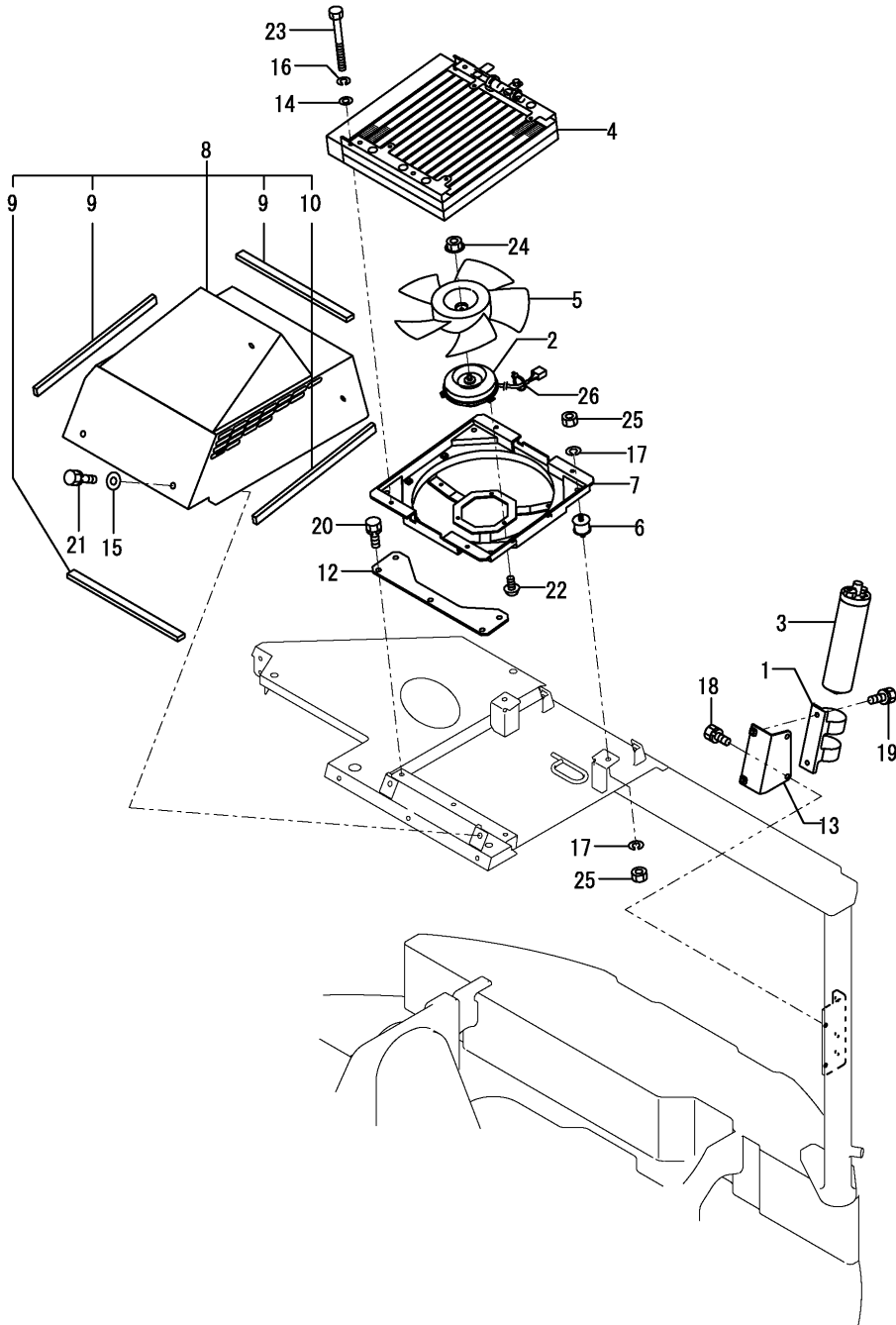
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-11100	PULLEY ASSY, TENSION	2	2	2					
2	2	172187-11121	PULLEY, TENSION	2	2	2					
3	2	22252-000350	RING, 35	2	2	2					
4	2	24104-062020	BEARING, 6202UUC3	2	2	2					
5	1	26106-100352	BOLT, M10X 35 PLATED	2	2	2					
7	1	172445-18201	COMPRESSOR	1	1	1					
8	1	172478-18210	TUBE, CORRUGATED	1	1	1					
9	1	172187-18301	BRACKET ASSY	1	1	1					
9-1	1	172A21-18350	BRACKET ASSY	1	1	1					N
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
10	1	172187-18340	BRACKET ASSY	1	1	1					
10-1	1	172187-18341	BRACKET ASSY	1	1	1					F 1
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
10-2	1	172187-18342	BRACKET ASSY	1	1	1					N
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
11	1	172187-18402	GUARD ASSY, BELT	1	1	1					
12	1	172187-18410	NUT, PULLEY	1	1	1					
13	1	172187-18420	BRACKET	1	1	1					
14	1	172187-18451	V-BELT	1	1	1					
15	1	172187-18500	BAR, ADJUST	1	1	1					
16	1	26450-080502	BOLT, M8X 50	2	2	2					
17	1	172455-18560	BRACKET ASSY	1	1	1					
18	1	1A1380-55310	CLAMP, WIRE	2	2	2					
19	1	129466-96240	SPACER, PULLEY	2	2	2					
20	1	22137-080000	WASHER, 8	2	2	2					
21	1	22137-080000	WASHER, 8	2	2	2					
22	1	22137-080000	WASHER, 8	2	2	2					
23	1	22137-080000	WASHER, 8	3	3	3					
24	1	22137-100000	WASHER, 10	2	2	2					
25	1	26013-080162	BOLT, M8X 16	2	2	2					
25-1	1	26013-080202	BOLT, M8X 20	2	2	2					S
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
26	1	26013-080162	BOLT, M8X 16	1	1	1					
27	1	26013-080162	BOLT, M8X 16	2	2	2					
28	1	26013-080252	BOLT, M8X 25	1	1	1					
29	1	26013-080252	BOLT, M8X 25	2	2	2					
30	1	26013-080252	BOLT, M8X 25	2	2	2					
31	1	26013-080352	BOLT, M8X 35	1	1	1					
32	1	26106-080352	BOLT, M8X 35 PLATED	1	1	1					Z
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
33	1	26106-080602	BOLT, M8X 60 PLATED	1	1	1					

Remarks

(1)T=No.10 : 6mm No.10-1, 10-2 : 9mm.

Interchangeable by simultaneous replacement with No.25-1.

Fig.22. AIR CONDITIONER(CONDENSER RELATED)

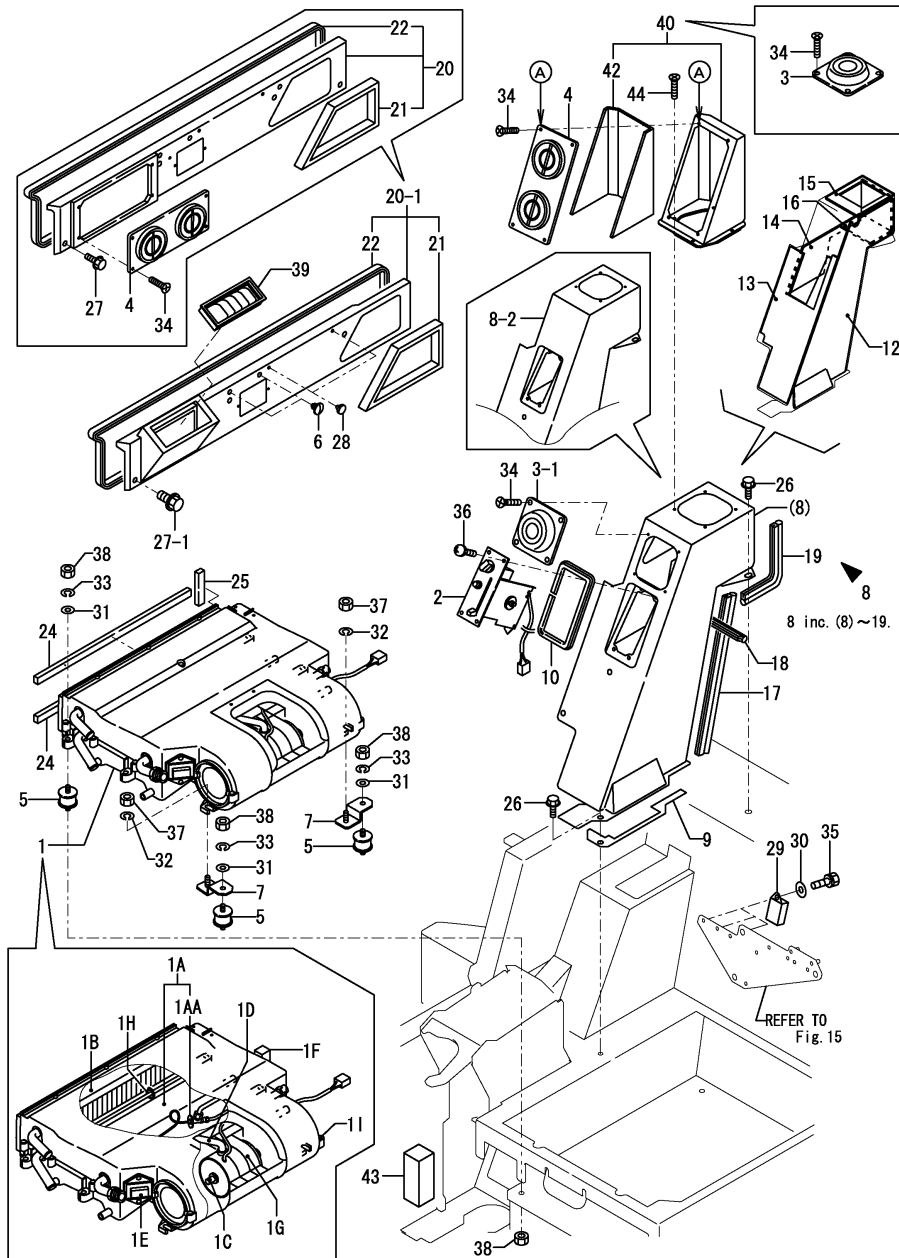


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-18040	BRACKET, RADIATOR	1	1	1					
2	1	172164-18080	MOTOR, FEN	1	1	1					
3	1	172187-18110	DRIER ASSY, RECEIVER	1	1	1					
4	1	172164-18780	CONDENSER	1	1	1					
5	1	172164-18790	FAN, CONDENSER	1	1	1					
6	1	172122-13310	MOUNT, PAD	4	4	4					
7	1	172455-18290	COVER ASSY, FAN	1	1	1					
8	1	172455-18331-1	COVER ASSY	1	1	1					
8-1	1	172455-18332-1	COVER ASSY	1	1	1					N
		(A=M/#10937)	(B=M/#10937)	(C=M/#10937)							
9	2	172455-18340	SEAL	3	3	3					
10	2	172455-18350	SEAL	1	1	1					
12	1	172455-18500	PLATE	1	1	1					
13	1	172455-18940	BRACKET ASSY	1	1	1					
14	1	22137-060000	WASHER, 6	4	4	4					
15	1	22137-100000	WASHER, 10	4	4	4					
16	1	22217-060000	WASHER, SPRING 6	4	4	4					
17	1	22217-080000	WASHER, SPRING 8	8	8	8					
18	1	26013-080122	BOLT, M8X 12	2	2	2					
19	1	26013-080202	BOLT, M8X 20	2	2	2					
20	1	26013-080202	BOLT, M8X 20	3	3	3					
21	1	26013-100202	BOLT, M10X 20	4	4	4					
22	1	26023-050122	SCREW, M5X12	3	3	3					
23	1	26116-060602	BOLT, M6X 60 PLATED	4	4	4					
24	1	26367-050002	NUT, M5	1	1	1					
25	1	26716-080002	NUT, M8	8	8	8					
26	1	933152-09280	BAND	2	2	2					

Fig.23. AIR CONDITIONER(CABIN RELATED)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

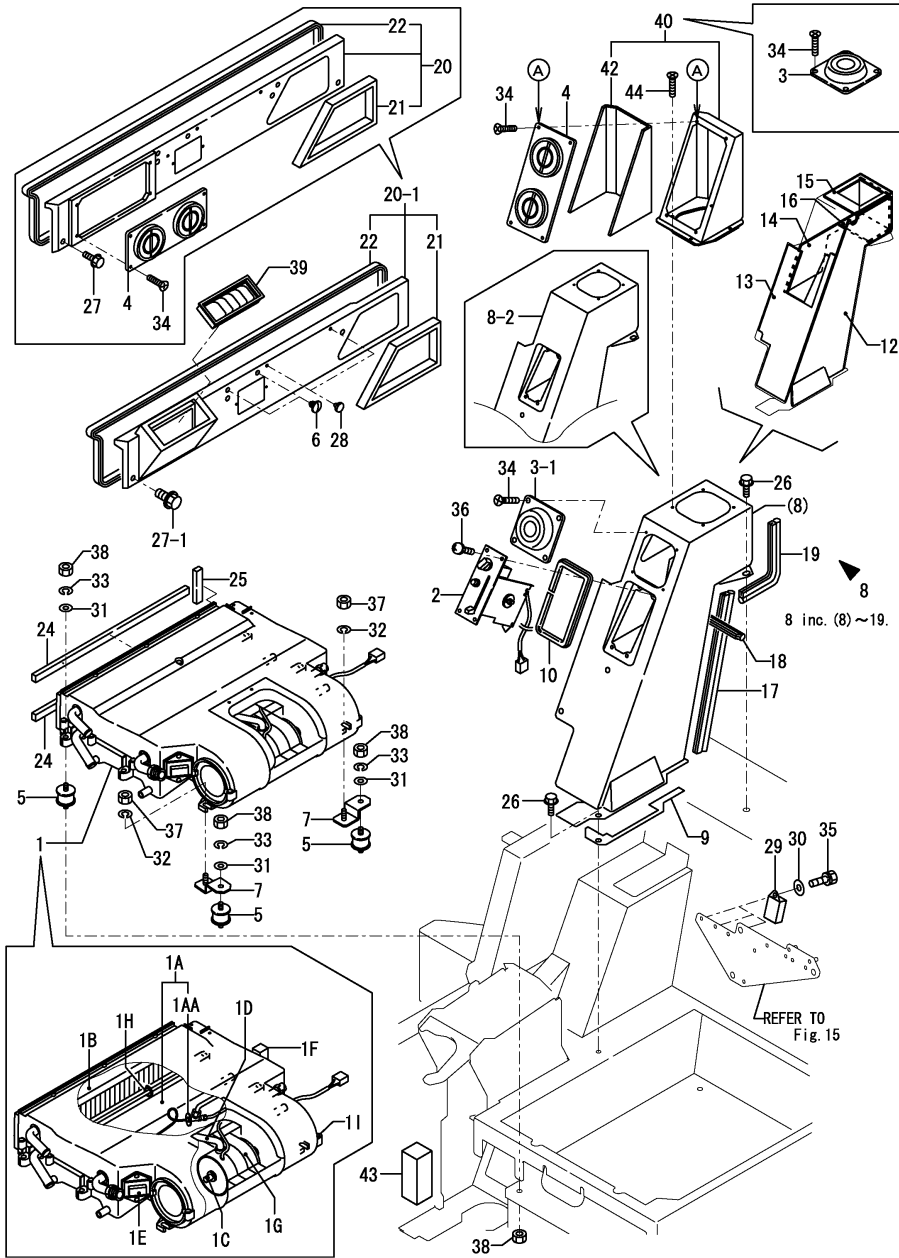
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-18120	CONDITIONER, AIR	1	1	1					
1A	2	172455-18010	EVAPORATOR ASSY	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1AA	3	172455-18080	VALVE, EXPANSION	1	1	1					W
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
1B	2	172455-18020	CORE ASSY, HEATER	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1C	2	172455-18030	MOTOR, FAN	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1D	2	172455-18040	HOSE, AIR	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1E	2	172455-18050	RESISTER	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1F	2	172455-18060	THERMOSTAT	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1G	2	172455-18070	ISOLATOR	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1H	2	198244-87040	CLIP	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
1I	2	198244-88040	SCREW, TAPPING M4X16	16	16	16					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
2	1	172455-18140	SWITCH, CONTROL	1	1	1					
3	1	197830-87910	GRILLE	2	2	2					
3-1	1	197830-87910	GRILLE	1	1	1					K
		(A=M/#11347) (B=M/#11347) (C=M/#11347)									
3-2	1	197830-87910	GRILLE	1	1	1					Z
		(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)									
4	1	197821-88070	GRILLE	1	1	1					
4-1	1	1A7030-87411	GRILLE ASSY, FRONT	1	1	1					S 1
		(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)									
5	1	172124-13500	MOUNT, PAD	4	4	4					
6	1	172444-17660	CLIP, TREE	2	2	2					
7	1	172455-18520	BRACKET ASSY	2	2	2					
8	1	172478-18601	DUCT ASSY	1	1	1					
8-1	1	172478-18601-1	DUCT ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
8-2	1	172478-18602-1	DUCT ASSY	1	1	1					S
		(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX)									
9	2	172455-18610	SEAL, DUCT	1	1	1					
10	2	172455-18640	TRIM	1	1	1					
12	2	172455-19110	SHEET, INSULATOR	1	1	1					
13	2	172455-19120	SHEET, INSULATOR	1	1	1					
14	2	172455-19130	SHEET, INSULATOR	1	1	1					
15	2	172455-19140	SHEET, INSULATOR	1	1	1					
16	2	172455-19150	SHEET, INSULATOR	1	1	1					
17	2	172141-65330	RUBBER	1	1	1					
18	2	172175-65530	SEAL, BONNET	1	1	1					
19	2	172175-65680	SEAL, DUCT	1	1	1					
20	1	172A21-18800	DUCT ASSY, CABIN	1	1	1					
20-1	1	172499-18800	DUCT ASSY, CABIN	1	1	1					S
		(A=M/#11347) (B=M/#11347) (C=M/#11347)									

Remarks

(1)A=No.4 & 40 have a screw hole and there is no hole in No.4-1 & 40-1.  
 Interchangeable by simultaneous replacement with No.4-1 & 40-1.

Fig.23. AIR CONDITIONER(CABIN RELATED)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

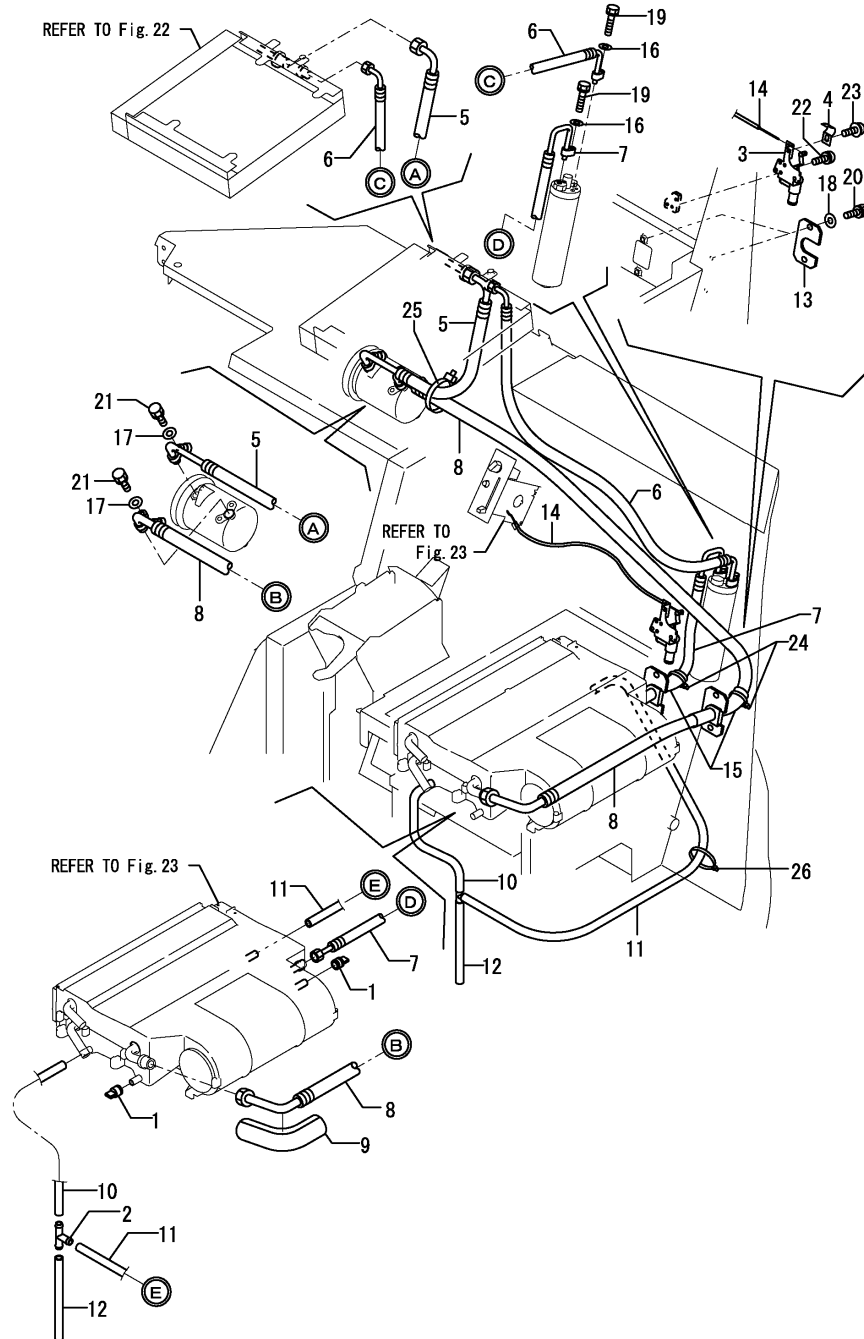
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
20-2	1	172499-18800-1 (A=M/#11682) (B=M/#11682) (C=M/#11682)	DUCT ASSY, CABIN	1	1	1					S
21	2	172455-18811	SEAL, DUCT	1	1	1					
22	2	172455-18820	SEAL, DUCT	1	1	1					
24	1	172455-18860	SEAL	2	2	2					
25	1	172455-18870	SEAL	1	1	1					
26	1	172519-63240	BOLT	4	4	4					
27	1	172165-66980	BOLT	4	4	4					
27-1	1	172165-66980 (A=M/#11347) (B=M/#11347) (C=M/#11347)	BOLT	3	3	3					K
28	1	172176-67790	PLUG	2	2	2					
29	1	119247-77100	RELAY, POWER	3	3	3					
30	1	22137-060000	WASHER, 6	3	3	3					
31	1	22137-080000	WASHER, 8	4	4	4					
32	1	22217-080000	WASHER, SPRING 8	2	2	2					
33	1	22217-080000	WASHER, SPRING 8	4	4	4					
34	1	22869-400160	SCREW, 4X16	12	12	12					
34-1	1	22869-400160 (A=M/#11347) (B=M/#11347) (C=M/#11347)	SCREW, 4X16	8	8	8					K
34-2	1	22869-400160 (A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX)	SCREW, 4X16	8	8	8					Z
35	1	26013-060122	BOLT, M6X 12	3	3	3					
36	1	26559-050202	SCREW, M5X20	4	4	4					
37	1	26712-080002	NUT, M8	2	2	2					
37-1	1	26716-080002 (A=M/#11739) (B=M/#11739) (C=M/#11739)	NUT, M8	2	2	2					N
38	1	26712-080002	NUT, M8	8	8	8					
38-1	1	26716-080002 (A=M/#11739) (B=M/#11739) (C=M/#11739)	NUT, M8	8	8	8					N
39	1	172458-17700	GRILLE	1	1	1					W
40	1	172455-19300 (A=M/#11437) (B=M/#11437) (C=M/#11437)	DUCT ASSY	1	1	1					W
40-1	1	172455-19301 (A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX)	DUCT ASSY	1	1	1					S 1
42	2	172455-19360 (A=M/#11437) (B=M/#11437) (C=M/#11437)	INSULATOR	1	1	1					W
43	1	172499-18940 (A=M/#11437) (B=M/#11437) (C=M/#11437)	SEAL, SPONGE	1	1	1					W
44	1	22869-400160 (A=M/#11347) (B=M/#11347) (C=M/#11347)	SCREW, 4X16	4	4	4					W

Remarks

(1)A=No.4 & 40 have a screw hole and there is no hole in No.4-1 & 40-1.  
 Interchangeable by simultaneous replacement with No.4-1 & 40-1.



Fig.24. AIR CONDITIONER(PIPING)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

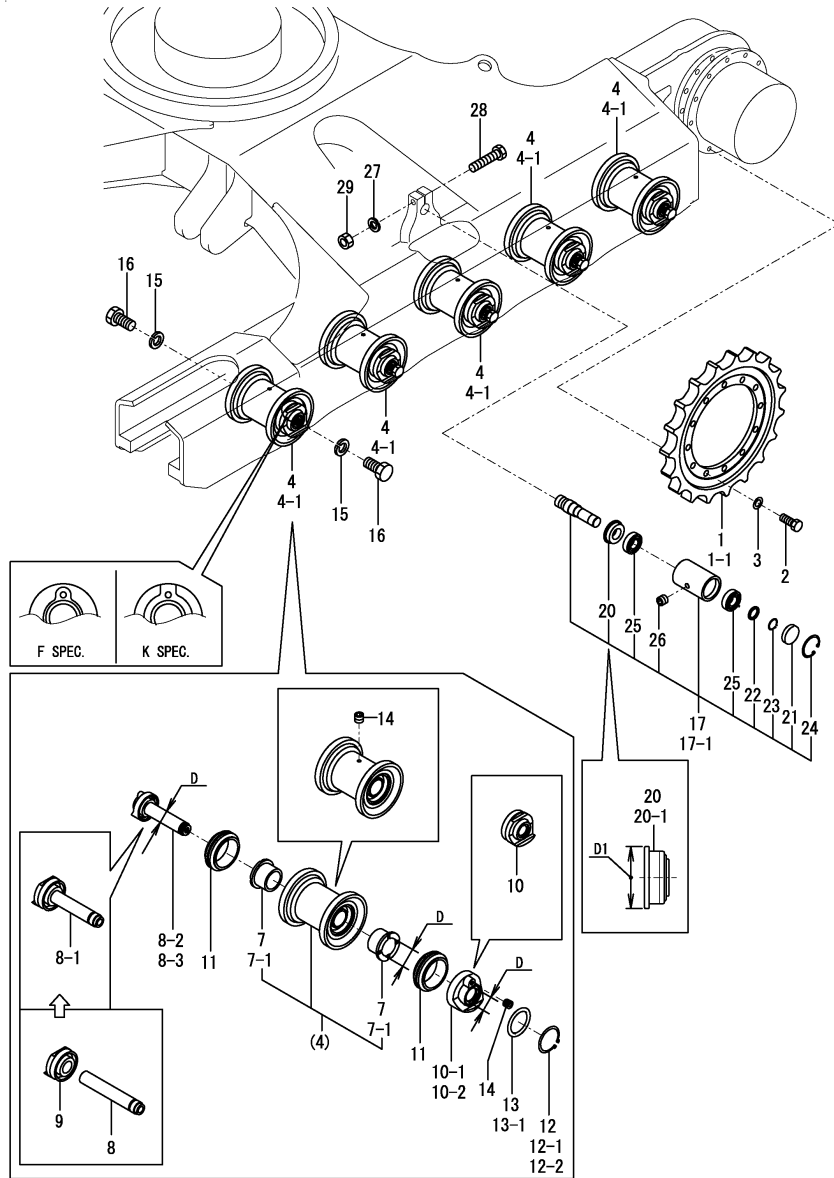
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-18070	PLUG, DRAIN	2	2	2					
2	1	172165-18080	CONNECTOR	1	1	1					
3	1	172455-18160	VALVE, HOT WATER	1	1	1					
4	1	172455-18170	CLAMP, WIRE	1	1	1					
5	1	172455-18180	HOSE	1	1	1					
6	1	172455-18190	HOSE	1	1	1					
7	1	172455-18200	HOSE	1	1	1					
8	1	172455-18210	HOSE	1	1	1					
9	1	197821-88380	INSULATOR	1	1	1					
10	1	172455-18250	HOSE, DRAIN	1	1	1					
11	1	172455-18260	HOSE, DRAIN	1	1	1					
12	1	172455-18270	HOSE, DRAIN	1	1	1					
13	1	172455-18510	PLATE, PIPE	2	2	2					
14	1	172455-18540	WIRE, VALVE	1	1	1					
15	1	172455-19210	SPONGE, HOSE	2	2	2					
16	1	22137-060000	WASHER, 6	2	2	2					
17	1	22137-080000	WASHER, 8	2	2	2					
18	1	22137-080000	WASHER, 8	4	4	4					
19	1	26013-060252	BOLT, M6X 25	2	2	2					
20	1	26013-080202	BOLT, M8X 20	4	4	4					
21	1	26013-080252	BOLT, M8X 25	2	2	2					
22	1	26022-050102	SCREW, M5X10	3	3	3					
23	1	26023-040082	SCREW, M4X 8	1	1	1					
24	1	933152-09280	BAND	2	2	2					
25	1	933152-09280	BAND	1	1	1					
26	1	933152-09280	BAND	1	1	1					

Fig.25. SPROCKET & ROLLER

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-29101-2	SPROCKET, 19	2	2	2					
1-1	1	172187-29101-3	SPROCKET, 19	2	2	2					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	1	172455-29140	BOLT, 14X35	24	24	24					
3	1	172455-29150	WASHER, 14X25	24	24	24					
4	1	172478-37300-1	ROLLER ASSY	10	10	10					
4-1	1	172478-37300-2	ROLLER ASSY	10	10	10					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
4-2	1	172478-37301-2	ROLLER ASSY, LOWER	10	10	10					N
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
4-3	1	172478-37302	ROLLER ASSY	10	10	10					N
		(A=M13577) (B=M13577) (C=M13577)									
4-4	1	172478-37303	ROLLER ASSY, LOWER	10	10	10					N
		(A=M13581) (B=M13581) (C=M13581)									
4-5	1	172478-37303	ROLLER ASSY, LOWER	10	10	10					Z 3
		(A=M14011) (B=M14011) (C=M14011)									
7	3	182900-55790	BUSH, PIN	20	20	20					
7-1	3	172478-37400	BUSH, 40X40	20	20	20					S 1
		(A=M13577) (B=M13577) (C=M13577)									
8	2	172478-37350	SHAFT	10	10	10					
8-1	2	172478-37340	SHAFT ASSY	10	10	10					N
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
8-2	2	172478-37341	SHAFT ASSY	10	10	10					S
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
8-3	2	172478-37342	SHAFT ASSY	10	10	10					S 1
		(A=M13577) (B=M13577) (C=M13577)									
8-4	2	172478-37343	SHAFT ASSY	10	10	10					N
		(A=M13581) (B=M13581) (C=M13581)									
9	2	172478-37360	COVER, SEAL A	10	10	10					Z
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
10	2	172478-37370	COVER, SEAL B	10	10	10					
10-1	2	172478-37371	COVER, SEAL	10	10	10					S
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
10-2	2	172478-37372	COVER, SEAL	10	10	10					S 1
		(A=M13577) (B=M13577) (C=M13577)									
10-3	2	172478-37373	SEAL, COVER B	10	10	10					N
		(A=M13581) (B=M13581) (C=M13581)									
11	2	172478-37380	SEAL, FLOATING	20	20	20					
12	2	22242-000320	RING, 32	10	10	10					
12-1	2	22242-000360	RING, 36	10	10	10					S
		(A=M/#13434) (B=M/#13434) (C=M/#13434)									
12-2	2	22242-000380	RING, 38	10	10	10					S
		(A=M13577) (B=M13577) (C=M13577)									
13	2	24311-000380	O-RING, 1AP38.0	10	10	10					
13-1	2	24311-000340	O-RING, 1AP34.0	10	10	10					S
		(A=M13577) (B=M13577) (C=M13577)									
14	2	933171-13691	PLUG, PT1/8	10	10	10					
15	1	22217-200000	WASHER, SPRING 20	20	20	20					
16	1	26116-200402	BOLT, M20X 40 PLATED	20	20	20					
17	1	172478-37500-1	ROLLER ASSY, CARRIER	2	2	2					
17-1	1	172478-37500-3	ROLLER ASSY, CARRIER	2	2	2					S

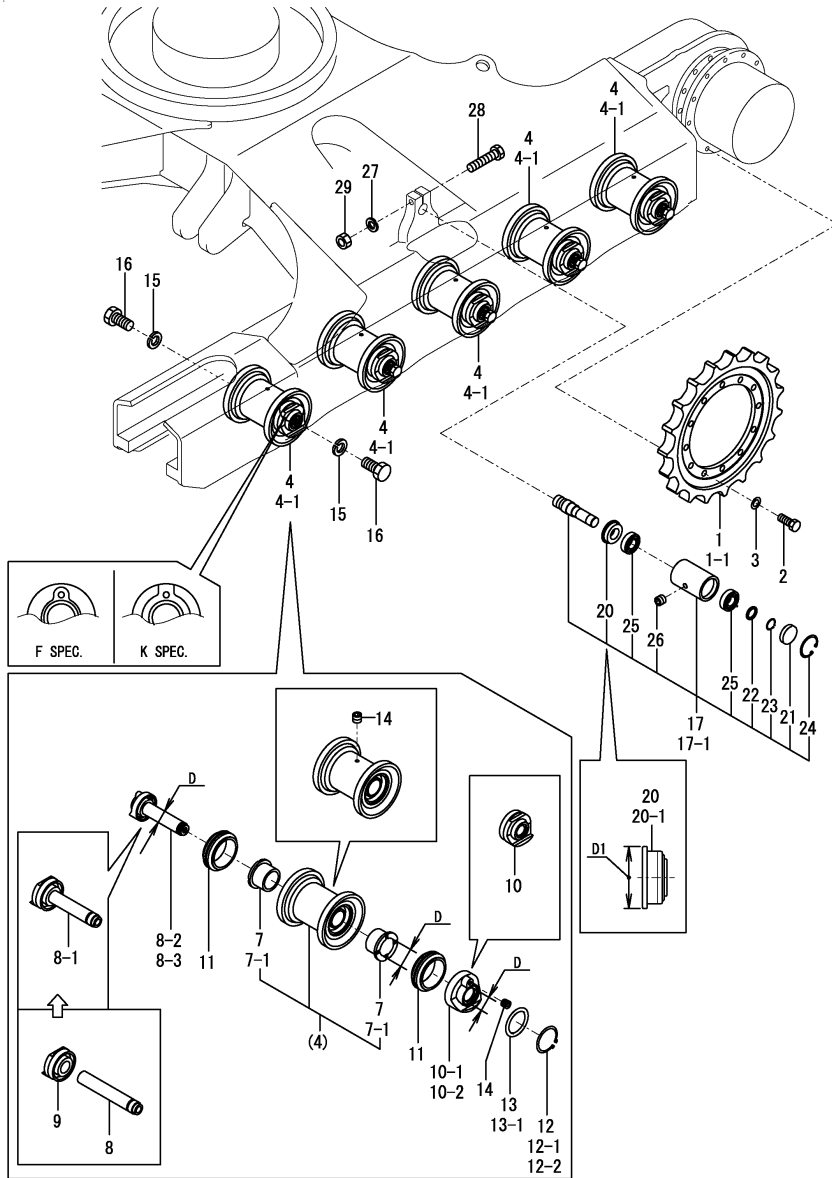
Remarks

- (1)D=No.7, 8-2 & 10-1 : 38mm, No.7-1, 8-3 & 10-2 : 40mm.
  - (2)D1=No.20 : 71mm, No.20-1 : 80mm.
  - (3)Replacement with Fig.106(25A) No1.
- The inner parts are not compatible.

Fig.25. SPROCKET & ROLLER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
17-2	1	(A=M/#11682)	(B=M/#11682)	(C=M/#11682)							
		172478-37501	ROLLER ASSY, CARRIER		2	2	2				N
		(A=M13579)	(B=M13579)	(C=M13579)							
20	2	172478-37530	SEAL, CARRIER ROLLER	2	2	2					
20-1	2	172164-37351	SEAL, OIL 35721120	2	2	2				S 2	
		(A=*2010.11)	(B=*2010.11)	(C=*2010.11)							
20-2	2	172478-37450	SEAL,OIL35 72 11 20	2	2	2				N	
		(A=M14011)	(B=M14011)	(C=M14011)							
21	2	172478-37540	CAP, ROLLER	2	2	2					
22	2	172478-37550	WASHER, ROLLER	2	2	2					
23	2	22242-000300	RING, 30	2	2	2					
24	2	22252-000620	RING, 62	2	2	2					
25	2	24105-062064	BEARING, BALL 6206Z	4	4	4					
26	2	933171-13691	PLUG, PT1/8	2	2	2					
27	1	22217-160000	WASHER, SPRING 16	2	2	2					
28	1	26116-160852	BOLT, M16X 85 PLATED	2	2	2					
29	1	26716-160002	NUT, M16	2	2	2					

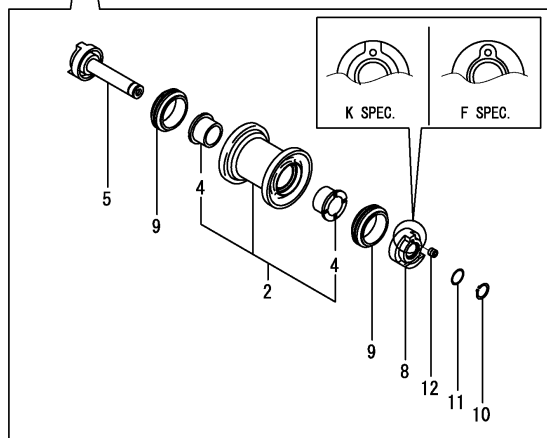
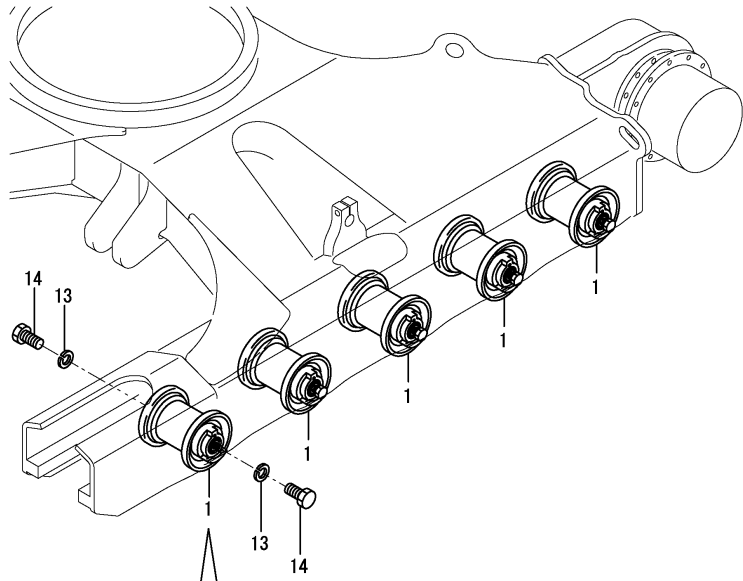
Remarks

- (1)D=No.7, 8-2 & 10-1 : 38mm, No.7-1, 8-3 & 10-2 : 40mm.
  - (2)D1=No.20 : 71mm, No.20-1 : 80mm.
  - (3)Replacement with Fig.106(25A) No1.
- The inner parts are not compatible.

Fig.106. (25A)TRACK ROLLER(K SPEC.)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B11-37300	ROLLER ASSY, LOWER (A=*2014.04) (B=*2014.04) (C=*2014.04)	10	10	10					W	1
2	2	172B11-37310	ROLLER ASSY, LOWER		10	10	10					
4	3	172B11-37330	BUSH		20	20	20					
5	2	172B11-37340	SHAFT ASSY		10	10	10					
8	2	172B11-37370	COVER, SEAL R		10	10	10					
9	2	172B11-37380	SEAL, FLOATING		20	20	20					
10	2	22242-000380	RING, 38		10	10	10					
11	2	24321-000350	O-RING, 1AG35.0		10	10	10					
12	2	933171-13691	PLUG		10	10	10					
13	1	22217-200000	WASHER, SPRING 20		20	20	20					
14	1	26076-200409	BOLT, 10.920X 40		20	20	20					

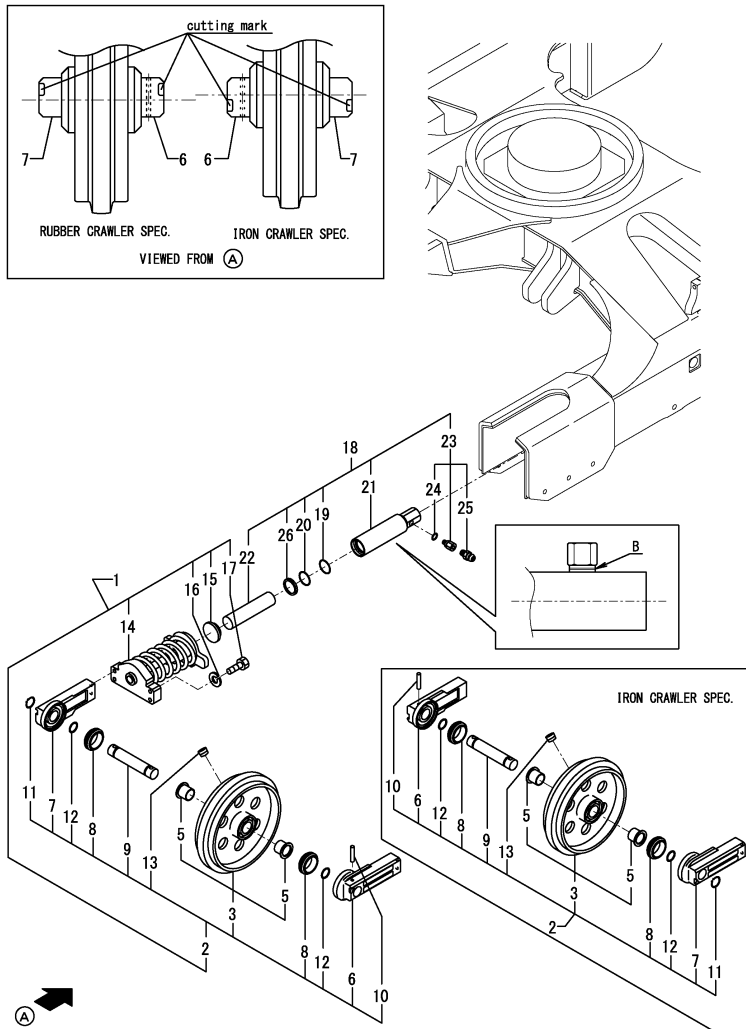
Remarks

(1)Track roller (F spec.) is shown in Fig.25.

Fig.26. IDLER & ADJUST

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772478-37120-1	IDLER ASSY	2	2	2					
2	2	772478-37101	IDLER ASSY	2	2	2					1
2-1	2	772478-37101-2	IDLER ASSY	2	2	2					S
3	3	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172478-37100-1	IDLER ASSY	2	2	2					
3-1	3	172478-37100-2	IDLER, 375	2	2	2					S
5	4	(A=M/#11682) (B=M/#11682) (C=M/#11682) 182900-57380	BUSH	4	4	4					
6	3	172478-37140	COVER, SEAL	2	2	2					
7	3	172478-37150	COVER, SEAL	2	2	2					
8	3	172455-37160	SEAL, FLOATING	4	4	4					
9	3	172455-37170	SHAFT, IDLER	2	2	2					
10	3	172455-37180	PIN, SPRING	2	2	2					
11	3	22242-000400	RING, 40	2	2	2					
12	3	24311-000380	O-RING, 1AP38.0	4	4	4					
13	3	933171-13691	PLUG	2	2	2					
14	2	172187-37700-2	ADJUSTER ASSY	2	2	2					
14-1	2	172187-37700-3	ADJUSTER ASSY	2	2	2					S
15	2	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172162-37810	PLATE, ADJUSTER	2	2	2					
16	2	22217-140000	WASHER, SPRING 14	8	8	8					
17	2	26116-140602	BOLT, M14X 60 PLATED	8	8	8					
18	1	772162-37770	CYLINDER ASSY	2	2	2					Z 2
19	2	(A=*2016.05) (B=*2016.05) (C=*2016.05) 198072-17440	O-RING, 55.0	2	2	2					
20	2	172478-37710	RING, BUCK UP	2	2	2					
21	2	172162-37770	TUBE ASSY, ADJUST	2	2	2					
22	2	172162-37800	PISTON	2	2	2					
23	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2					
24	3	24315-000140	O-RING, 1BP14.0	2	2	2					
25	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
26	2	933126-50500	SEAL, OIL	2	2	2					
26-1	2	172478-37720	SEAL, DUST	1	1	1					N
		(A=M13575) (B=M13575) (C=M13575)									

Remarks

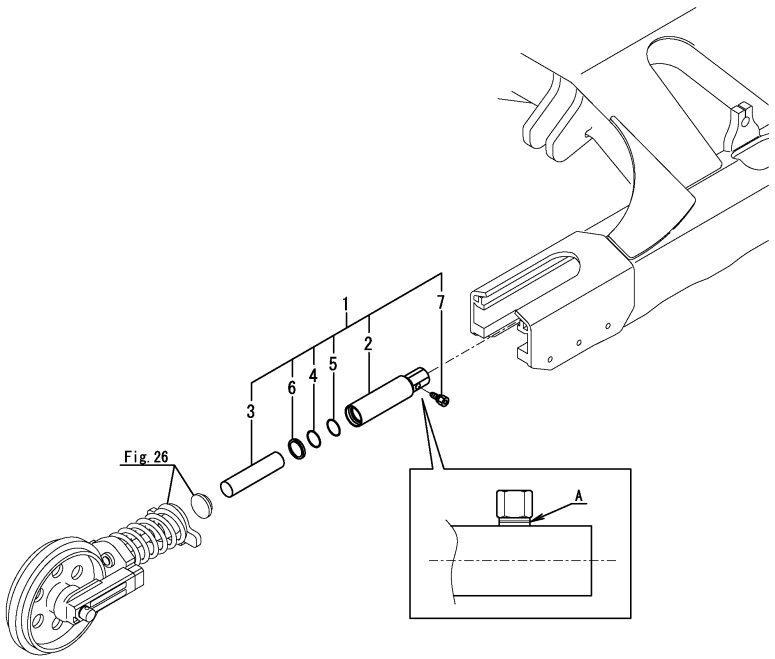
\* B : Y specifications have a slit for the identification.  
 S specifications do not have a slit for the identification.  
 S specifications are shown in Fig.107(26A).

- (1) This part is used both rubber crawler & iron crawler.  
 When constructing Idler Assy, The direction of cutting mark of idler seal cover A & B is the opposite side concerning rubber crawler & iron crawler.
- (2) Interchangeable by Fig.107(26A) No.1.  
 The inner parts are not compatible.

Fig.107. (26A)CRAWLER ADJUST(S SPEC.)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



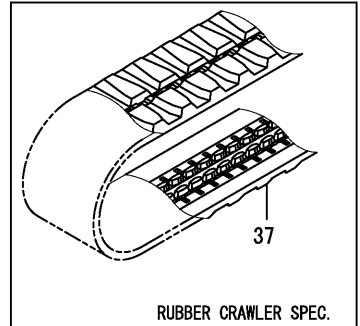
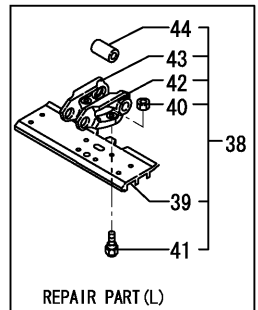
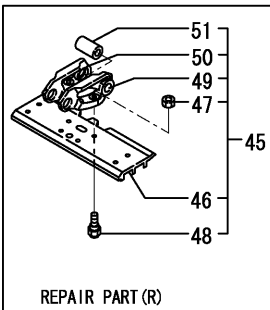
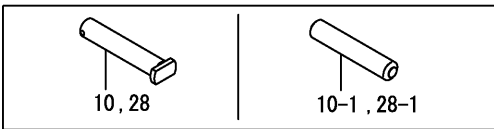
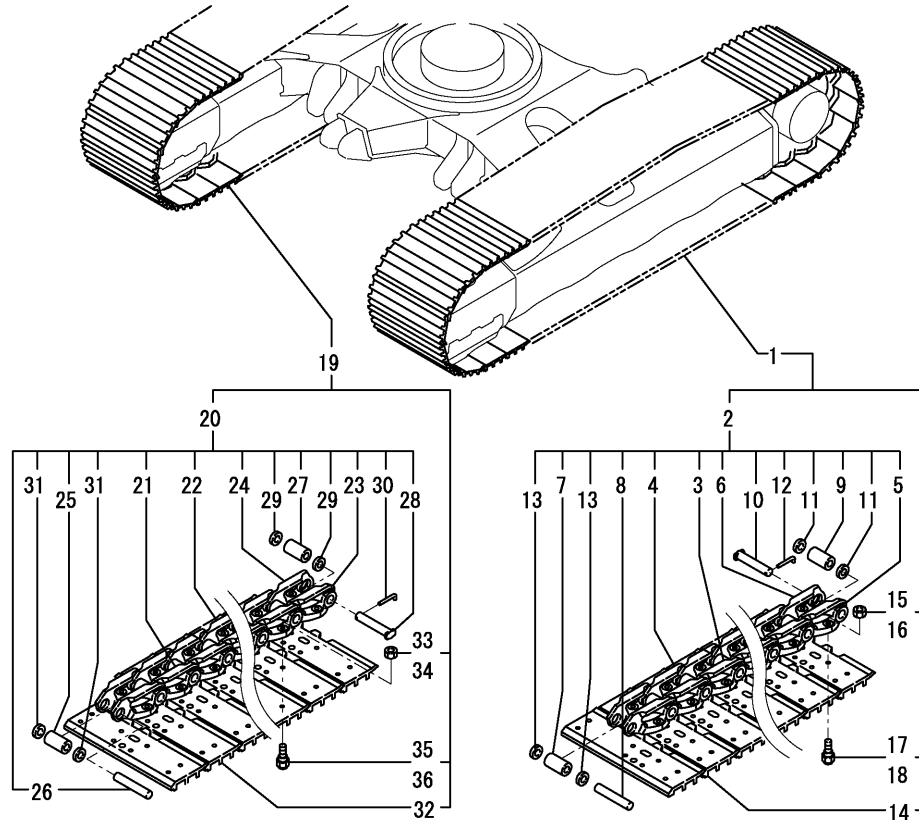
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B11-37750 (A=*2016.05) (B=*2016.05) (C=*2016.05)	CYLINDER ASSY, ADJUS	2	2	2						W
2	2	172B11-37760	TUBE ASSY,ADJUST	2	2	2						
3	2	172B11-37790	PISTON	2	2	2						
4	2	172B11-37800	RING, BACK UP	2	2	2						
5	2	172B11-37810	SEAL, ISI 55X65X6	2	2	2						
6	2	172B11-37820	SEAL, DUST55X69X11	2	2	2						
7	2	172B06-37951	NIPPLE,VALVE	2	2	2						

Remarks  
 \* A : Y specifications have a slit for the identification.  
 S specifications do not have a slit for the identification.  
 Y specifications are shown in Fig.26.  
 The inner parts are not compatible.

Fig.27. CRAWLER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



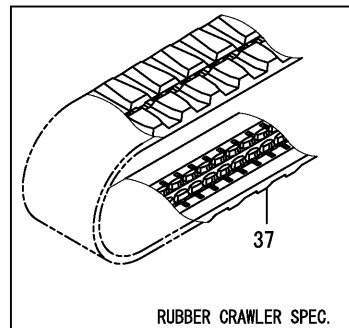
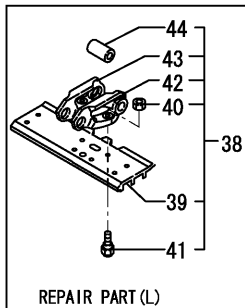
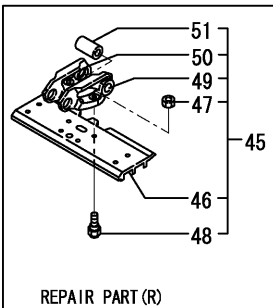
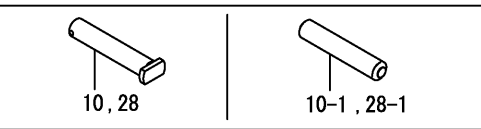
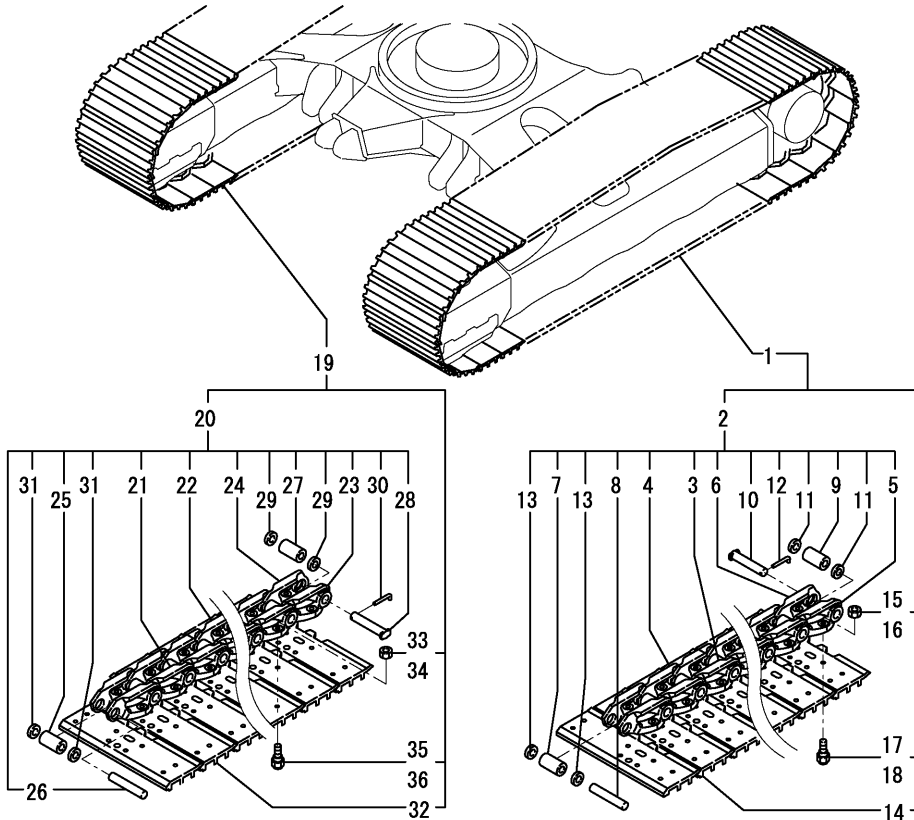
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-38100-1	SHOE ASSY, TRACK 450	1	1	1					
1-1	1	172455-38100-2	SHOE ASSY, TRACK 450	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
1-2	1	172455-38101-2	SHOE ASSY, TRACK 450	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
2	2	172455-38120	LINK ASSY	1	1	1					
2-1	2	172455-38121	LINK ASSY	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
3	3	172455-38180	LINK, TRUCK	38	38	38					
3-1	3	172455-38180	LINK, TRUCK	39	39	39					K
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
4	3	172455-38190	LINK, TRUCK	38	38	38					
4-1	3	172455-38190	LINK, TRUCK	39	39	39					K
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
5	3	172455-38200	LINK, MASTER	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
6	3	172455-38210	LINK, MASTER	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
7	3	172455-38220	BUSH, TRUCK	38	38	38					
8	3	172455-38230	PIN, TRUCK	38	38	38					
9	3	172455-38240	BUSH, MASTER	1	1	1					
10	3	172455-38250	PIN, MASTER	1	1	1					
10-1	3	172455-38290	PIN, MASTER	1		1					S
		(A=MZZZZZ) (C=MZZZZZ)									
11	3	172455-38260	COLLAR	2	2	2					
12	3	172455-38270	PIN, COTTER	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
13	3	172455-38280	SEAL	76	76	76					
14	2	172455-38130-1	SHOE, TRACK 450L	39	39	39					
14-1	2	172455-38130-2	SHOE, TRACK 450L	39	39	39					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
15	2	172455-38160	NUT, SHOE	78	78	78					
16	2	172455-38160	NUT, SHOE	78	78	78					
17	2	172455-38170	BOLT, SHOE	78	78	78					
18	2	172455-38170	BOLT, SHOE	78	78	78					
19	1	172455-38110-1	SHOE ASSY, TRACK 450	1	1	1					
19-1	1	172455-38110-2	SHOE ASSY, TRACK 450	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
19-2	1	172455-38111-2	SHOE ASSY, TRACK	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
20	2	172455-38120	LINK ASSY	1	1	1					
20-1	2	172455-38121	LINK ASSY	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
21	3	172455-38180	LINK, TRUCK	38	38	38					
21-1	3	172455-38180	LINK, TRUCK	39	39	39					K
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
22	3	172455-38190	LINK, TRUCK	38	38	38					
22-1	3	172455-38190	LINK, TRUCK	39	39	39					K
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
23	3	172455-38200	LINK, MASTER	1	1	1					Z
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									

N:Old  $\xrightarrow{\text{Yes}}$  New, Q:Old  $\xrightarrow{\text{No}}$  New, R:Old  $\xrightarrow{\text{Yes}}$  New, S:Old  $\xrightarrow{\text{No}}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++  
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Fig.27. CRAWLER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

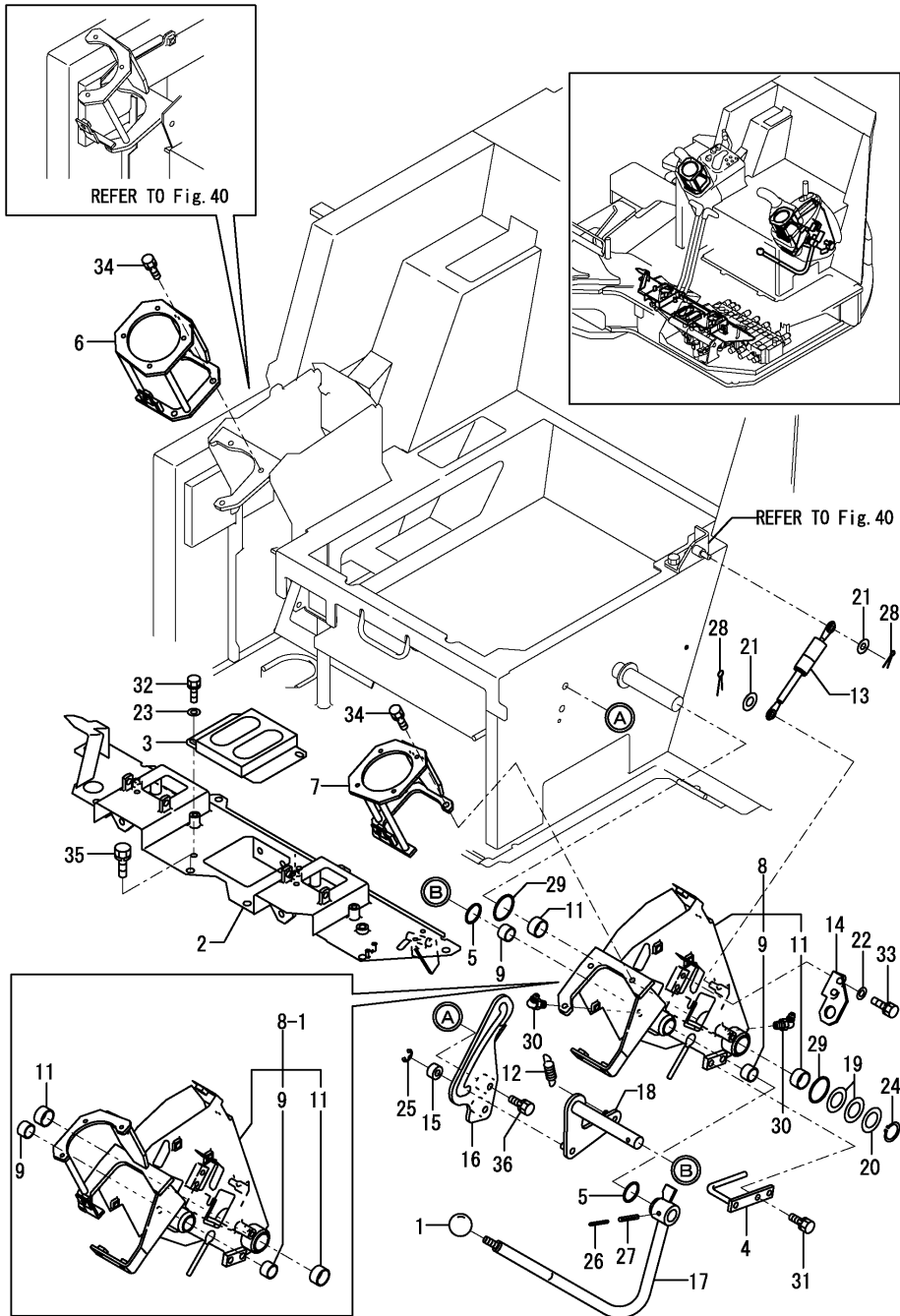
(D)=  
 (E)=  
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
24	3	172455-38210	LINK, MASTER (A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)	1	1	1					Z
25	3	172455-38220	BUSH, TRUCK	38	38	38					
26	3	172455-38230	PIN, TRUCK	38	38	38					
27	3	172455-38240	BUSH, MASTER	1	1	1					
28	3	172455-38250	PIN, MASTER	1	1	1					
28-1	3	172455-38290	PIN, MASTER (A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)	1	1	1					S
29	3	172455-38260	COLLAR	2	2	2					
30	3	172455-38270	PIN, COTTER (A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)	1	1	1					Z
31	3	172455-38280	SEAL	76	76	76					
32	2	172455-38140-1	SHOE, TRACK 450R	39	39	39					
32-1	2	172455-38140-2	SHOE, TRACK 450R (A=M/#11682) (B=M/#11682) (C=M/#11682)	39	39	39					S
33	2	172455-38160	NUT, SHOE	78	78	78					
34	2	172455-38160	NUT, SHOE	78	78	78					
35	2	172455-38170	BOLT, SHOE	78	78	78					
36	2	172455-38170	BOLT, SHOE	78	78	78					
37	1	172455-38601	CRAWLER, RUBBER	2	2	2					
38	1	172455-38300-1	TRACK ASSY, MASTER	1	1	1					
38-1	1	172455-38300-2	TRACK ASSY, MASTER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
39	2	172455-38130-1	SHOE, TRACK 450L	1	1	1					
39-1	2	172455-38130-2	SHOE, TRACK 450L (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
40	2	172455-38160	NUT, SHOE	4	4	4					
41	2	172455-38170	BOLT, SHOE	4	4	4					
42	2	172455-38200	LINK, MASTER	1	1	1					
43	2	172455-38210	LINK, MASTER	1	1	1					
44	2	172455-38240	BUSH, MASTER	1	1	1					
45	1	172455-38310-1	TRACK ASSY, MASTER	1	1	1					
45-1	1	172455-38310-2	TRACK ASSY, MASTER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
46	2	172455-38140-1	SHOE, TRACK 450R	1	1	1					
46-1	2	172455-38140-2	SHOE, TRACK 450R (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
47	2	172455-38160	NUT, SHOE	4	4	4					
48	2	172455-38170	BOLT, SHOE	4	4	4					
49	2	172455-38200	LINK, MASTER	1	1	1					
50	2	172455-38210	LINK, MASTER	1	1	1					
51	2	172455-38240	BUSH, MASTER	1	1	1					



Fig.28. LOCK LEVER & STAND

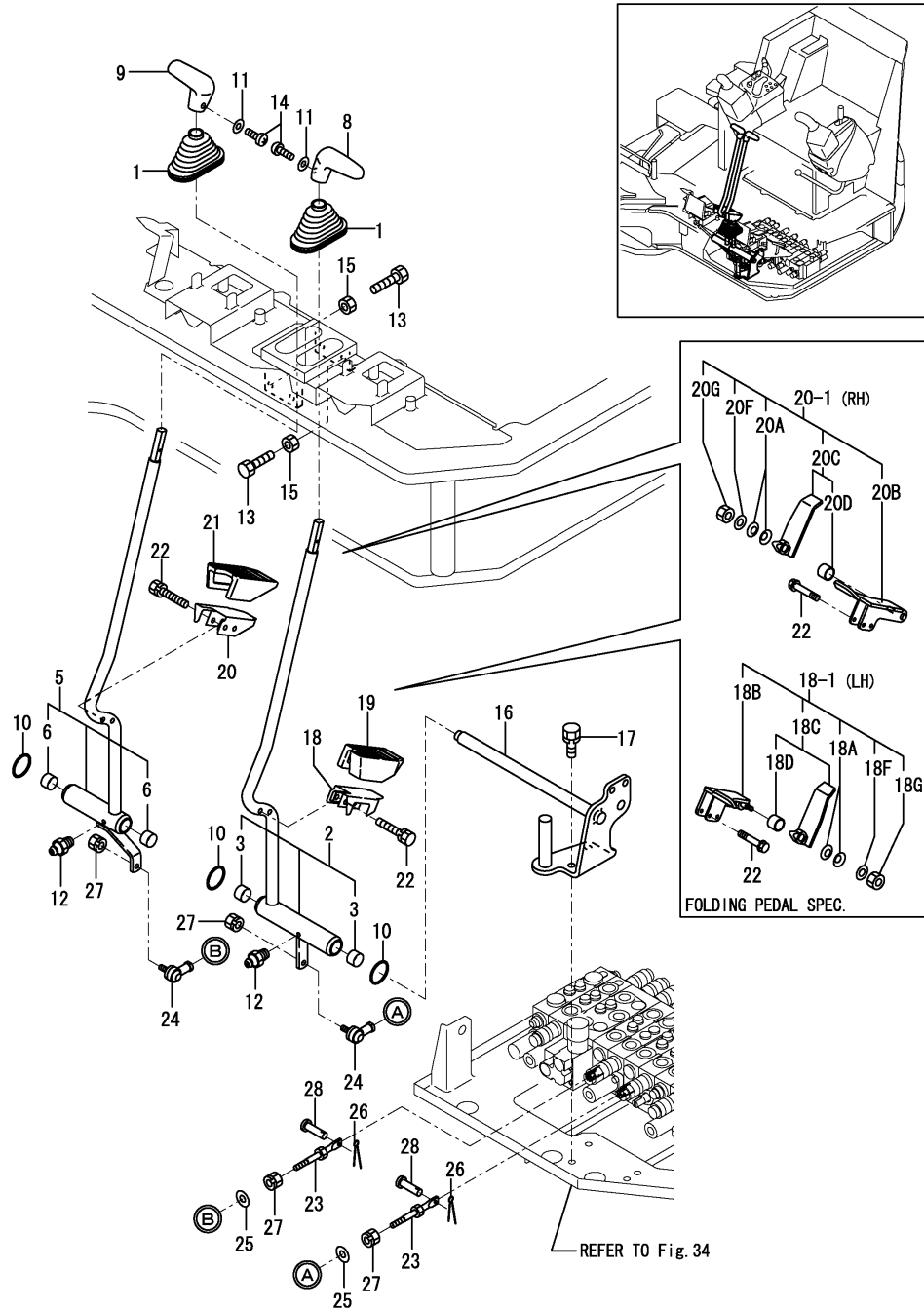


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

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					
2	1	172478-45400	STAND ASSY, LINK	1	1	1					
2-1	1	172478-45400-1	STAND ASSY, LINK	1	1	1					S
3	1	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172455-45520	BRACKET, BOOM	1	1	1					
3-1	1	172455-45520-1	BRACKET, BOOM	1	1	1					S
4	1	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172458-45850	GUIDE, HOSE	1	1	1					
5	1	172124-46200	O-RING	2	2	2					
6	1	172472-46210	BRACKET ASSY	1	1	1					Z
7	1	(A=M/#10824) (B=M/#10824) (C=M/#10824) 172472-46220	BRACKET ASSY	1	1	1					Z
8	1	(A=M/#10824) (B=M/#10824) (C=M/#10824) 172472-46600	STAND, LEVER	1	1	1					
8-1	1	172A21-46600	STAND ASSY, LEVER	1	1	1					N
9	2	(A=M/#10824) (B=M/#10824) (C=M/#10824) 172141-41370	BUSH	2	2	2					
11	2	24550-025150	BUSH, 25X15	2	2	2					
12	1	172162-46690	SPRING	1	1	1					
13	1	172455-46890	SPRING, GAS	1	1	1					
14	1	172455-46950	BRACKET, SWITCH	1	1	1					
15	1	172165-47550	BUSH	1	1	1					
16	1	172478-47600	GUIDE, LOCK	1	1	1					
16-1	1	172478-47600-1	GUIDE, LOCK	1	1	1					S
17	1	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172478-47621	LEVER, LOCK	1	1	1					
17-1	1	172478-47621-1	LEVER, LOCK	1	1	1					S
18	1	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172458-47640-4	ROD ASSY, SPRING	1	1	1					
18-1	1	172458-47640-1	ROD ASSY, SPRING	1	1	1					S
19	1	(A=M/#11682) (B=M/#11682) (C=M/#11682) 172165-47980	SHIM	2	2	2					
20	1	172165-47990	WASHER	1	1	1					
21	1	22137-080000	WASHER, 8	2	2	2					
22	1	22137-080000	WASHER, 8	2	2	2					
23	1	22137-080000	WASHER, 8	2	2	2					
24	1	22242-000250	RING, 25	1	1	1					
25	1	22272-000070	RING, E-7	1	1	1					
26	1	22351-035040	PIN, SPRING 3.5X40	1	1	1					
27	1	22351-060040	PIN, SPRING 6.0X40	1	1	1					
28	1	22417-200200	PIN, COTTER 2.0X20	2	2	2					
29	1	24311-000340	O-RING, 1AP34.0	2	2	2					
30	1	24761-050000	NIPPLE, GREASE C	2	2	2					
31	1	26013-080162	BOLT, M8X 16	2	2	2					
32	1	26013-080162	BOLT, M8X 16	2	2	2					
33	1	26013-080202	BOLT, M8X 20	2	2	2					
34	1	26013-080202	BOLT, M8X 20	6	6	6					Z
35	1	(A=M/#10824) (B=M/#10824) (C=M/#10824) 26013-100202	BOLT, M10X 20	6	6	6					
36	1	26013-100202	BOLT, M10X 20	2	2	2					

Fig.29. TRAVEL



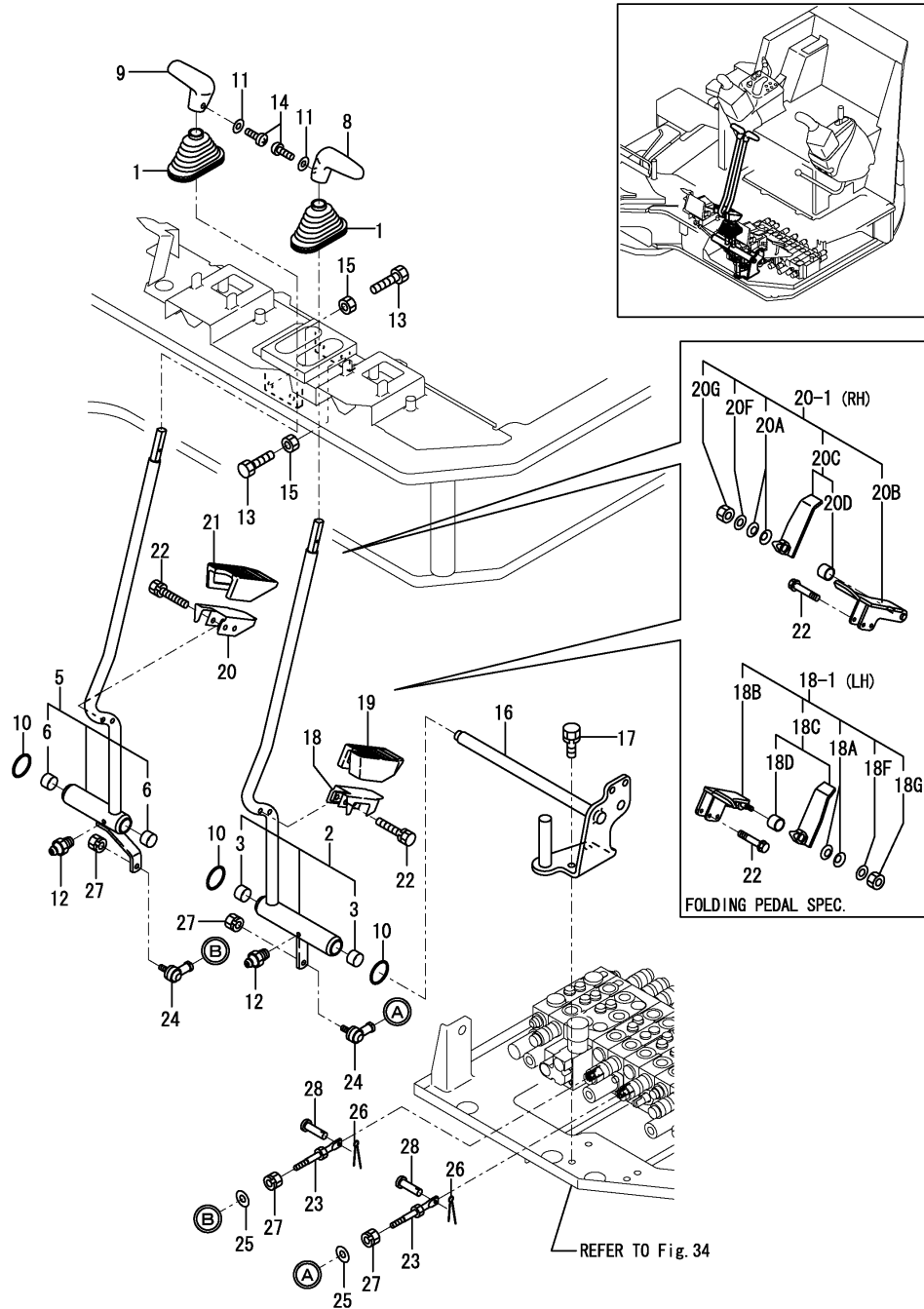
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2	2					
2	1	172455-45101	LEVER, TRUCK	1	1	1					
2-1	1	172455-45101-1	LEVER, TRUCK	1	1	1					S
3	2	172141-41370	BUSH (A=M/#11682) (B=M/#11682) (C=M/#11682)	2	2	2					
5	1	172455-45131	LEVER, TRUCK	1	1	1					
5-1	1	172455-45131-1	LEVER, TRUCK (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
6	2	172141-41370	BUSH	2	2	2					
8	1	172187-45870	GRIP, DRIVE	1	1	1					
9	1	172187-45880	GRIP, DRIVE	1	1	1					
10	1	172124-46200	O-RING	3	3	3					
11	1	22117-040000	WASHER, 4	2	2	2					
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
13	1	26116-100504	BOLT, M10X 50 PLATED	4	4	4					
14	1	26587-040122	SCREW, M4X12	2	2	2					
15	1	26716-100002	NUT, M10	4	4	4					
16	1	172455-45151	SHAFT ASSY, TRACK	1	1	1					
17	1	26013-100252	BOLT, M10X 25	2	2	2					
18	1	172187-45220	PEDAL ASSY	1	1	1					1
18-1	1	172A21-45300	PEDAL, TRUCK	1	1	1					N
18-2	1	172A21-45300-1	PEDAL, TRUCK (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					S
18A	2	172068-28490	SPRING (A=M/#10895) (B=M/#10895) (C=M/#10895)	2	2	2					W
18B	2	172A21-45310	PEDAL ASSY, TRUCK (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					W
18B-1	2	172A21-45310-1	PEDAL ASSY, TRUCK (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
18C	2	172472-45810	PEDAL ASSY, TRUCK (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					W
18C-1	2	172472-45810-1	PEDAL ASSY, TRUCK (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
18D	3	172110-45050	BUSH (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					W
18F	2	22137-080000	WASHER, 8 (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					W
18G	2	26347-080002	NUT, M8 (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					W
19	1	172187-45250	PAD, PEDAL (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					Z
20	1	172187-45260	PEDAL ASSY (A=M/#10824) (B=M/#10824) (C=M/#10824)	1	1	1					1
20-1	1	172A21-45320	PEDAL, TRUCK (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					N
20-2	1	172A21-45320-1	PEDAL, TRUCK (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
20A	2	172068-28490	SPRING (A=M/#10895) (B=M/#10895) (C=M/#10895)	2	2	2					W
20B	2	172A21-45330	PEDAL ASSY, TRUCK (A=M/#10895) (B=M/#10895) (C=M/#10895)	1	1	1					N

N:Old  $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$  New, Q:Old  $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$  New, R:Old  $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$  New, S:Old  $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
 ++ CONTINUE ++  
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Fig.29. TRAVEL

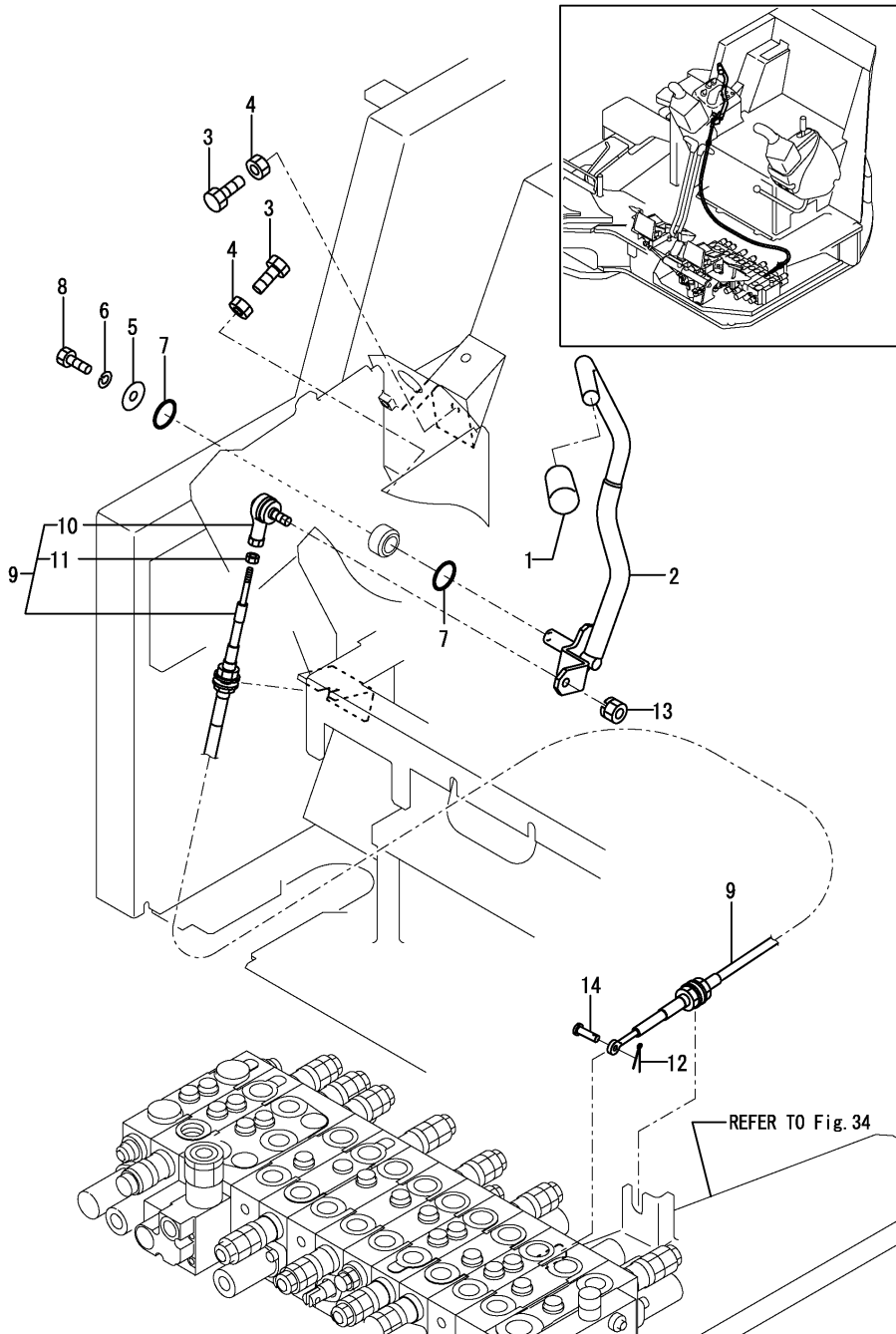


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
20B-1	2	172A21-45330-1 (A=M/#11682) (B=M/#11682) (C=M/#11682)	PEDAL ASSY, TRUCK	1	1	1					S
20C	2	172472-45850	PEDAL ASSY, TRUCK	1	1	1					W
20C-1	2	172472-45850-1 (A=M/#11682) (B=M/#11682) (C=M/#11682)	PEDAL ASSY, TRUCK	1	1	1					S
20D	3	172110-45050 (A=M/#10895) (B=M/#10895) (C=M/#10895)	BUSH	1	1	1					N
20F	2	22137-080000 (A=M/#10895) (B=M/#10895) (C=M/#10895)	WASHER, 8	1	1	1					N
20G	2	26347-080002 (A=M/#10895) (B=M/#10895) (C=M/#10895)	NUT, M8	1	1	1					N
21	1	172187-45280 (A=M/#10824) (B=M/#10824) (C=M/#10824)	PAD, PEDAL	1	1	1					Z
22	1	26013-060302	BOLT, M6X 30	4	4	4					
23	1	172162-46210	ROD	2	2	2					
24	1	172122-46590	ELBOW	2	2	2					
25	1	22137-080000	WASHER, 8	2	2	2					
26	1	22417-160160	PIN, COTTER 1.6X16	2	2	2					
27	1	26051-080002	NUT, M8	4	4	4					
28	1	933110-54100	PIN	2	2	2					

Fig.30. BLADE

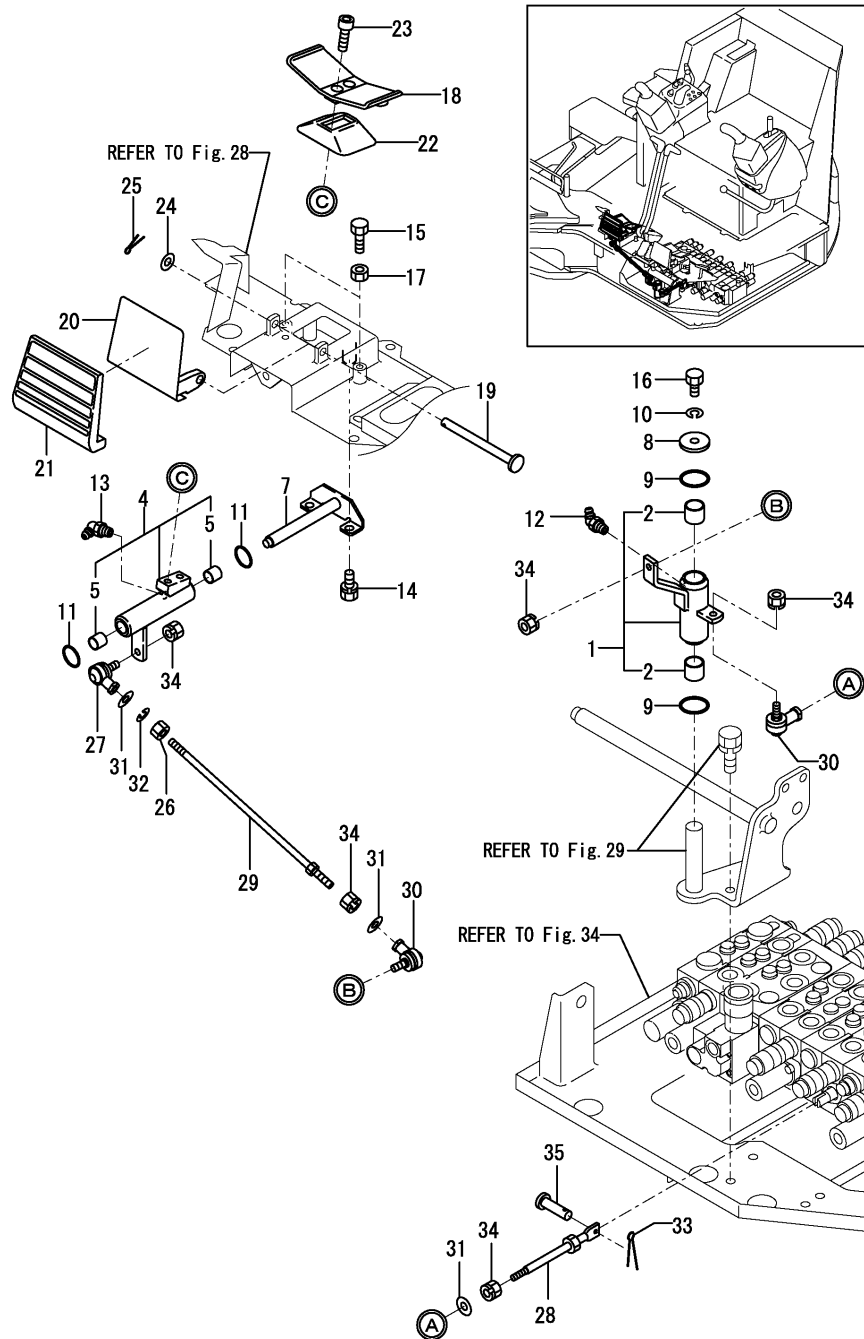


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172964-12140	GRIP	1	1	1					
2	1	172478-45100	LEVER, BLADE	1	1	1					
2-1	1	172478-45100-1	LEVER, BLADE	1	1	1					S
		(A=M/#11682)	(B=M/#11682)	(C=M/#11682)							
3	1	26116-100354	BOLT, M10X 35 PLATED	2	2	2					
4	1	26716-100002	NUT, M10	2	2	2					
5	1	1A1040-43900	WASHER, SPRING	1	1	1					
6	1	22217-080000	WASHER, SPRING 8	1	1	1					
7	1	24311-000210	O-RING, 1AP21.0	2	2	2					
8	1	26116-080202	BOLT, M8X 20 PLATED	1	1	1					
9	1	172455-45800	CABLE, BLADE	1	1	1					
10	2	172458-45810	JOINT, BALL	1	1	1					
11	2	26757-050002	NUT, LOCK M5	1	1	1					
12	1	22417-160160	PIN, COTTER 1.6X16	1	1	1					
13	1	26051-080002	NUT, M8	1	1	1					
14	1	933110-54100	PIN	1	1	1					

Fig.31. SWING



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

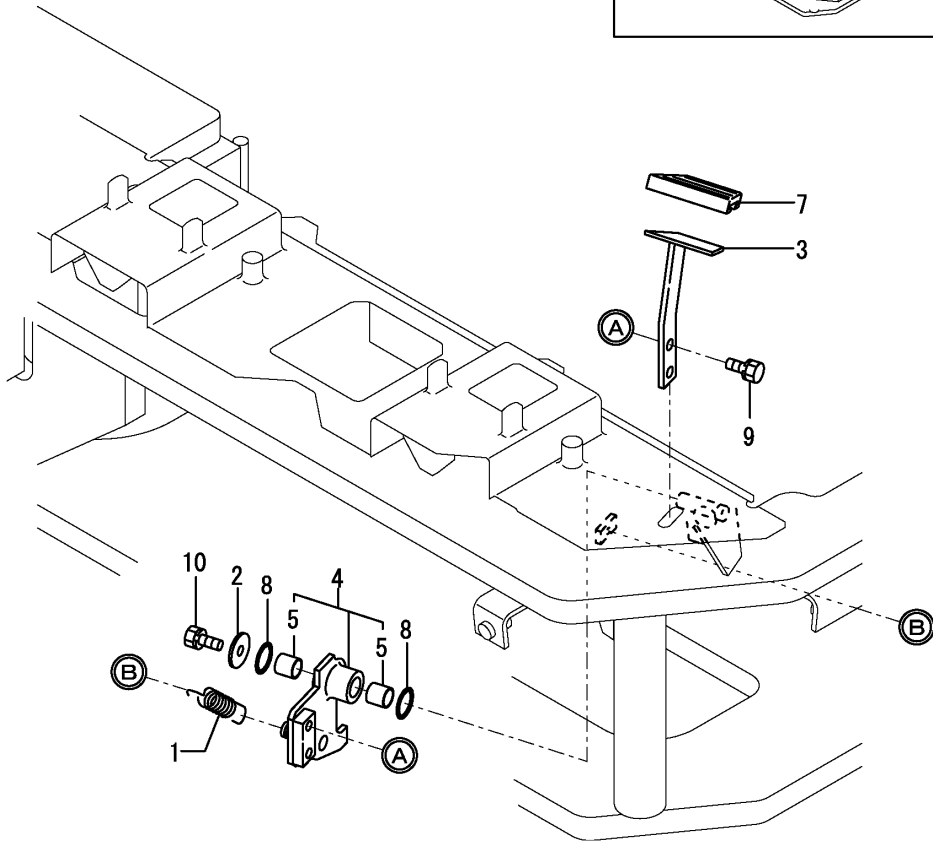
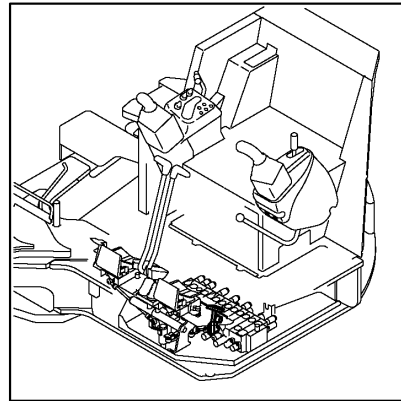
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-45170	LINK ASSY, SWING	1	1	1					
2	2	172141-41370	BUSH	2	2	2					
4	1	172445-45550	LINK ASSY, PEDAL	1	1	1					
4-1	1	172445-45550-1	LINK ASSY, PEDAL	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
5	2	172141-41360	BUSH	2	2	2					
7	1	172444-45850	SHAFT ASSY	1	1	1					
7-1	1	172444-45850-1	SHAFT ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
8	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1					
9	1	172124-46200	O-RING	2	2	2					
10	1	22217-100000	WASHER, SPRING 10	1	1	1					
11	1	24311-000210	O-RING, 1AP21.0	2	2	2					
12	1	24761-040000	NIPPLE, GREASE B	1	1	1					
13	1	24761-050000	NIPPLE, GREASE C	1	1	1					
14	1	26013-080162	BOLT, M8X 16	2	2	2					
15	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2					
16	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1					
17	1	26716-080002	NUT, M8	2	2	2					
18	1	172187-45500-4	PEDAL, SWING	1	1	1					
18-1	1	172187-45500-2	PEDAL, SWING	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
19	1	172187-45651	SHAFT	1	1	1					
20	1	172187-45720-4	COVER, PEDAL	1	1	1					
20-1	1	172187-45720-2	COVER, PEDAL	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
21	1	172187-45760	PAD	1	1	1					
22	1	172157-45990	BOOT, PEDAL	1	1	1					
23	1	172165-46340	BOLT	2	2	2					
24	1	22137-100000	WASHER, 10	1	1	1					
25	1	22417-250200	PIN, COTTER 2.5X20	1	1	1					
26	1	194200-37780	NUT, M8	1	1	1					
27	1	172734-41300	JOINT, BALL	1	1	1					
28	1	172142-43540	ROD ASSY	1	1	1					
29	1	172455-45550	ROD	1	1	1					
30	1	172122-46590	ELBOW	2	2	2					
31	1	22137-080000	WASHER, 8	3	3	3					
32	1	22217-080000	WASHER, SPRING 8	1	1	1					
33	1	22417-160160	PIN, COTTER 1.6X16	1	1	1					
34	1	26051-080002	NUT, M8	5	5	5					
35	1	933110-54100	PIN	1	1	1					

Fig.32. LOW-HIGH PEDAL

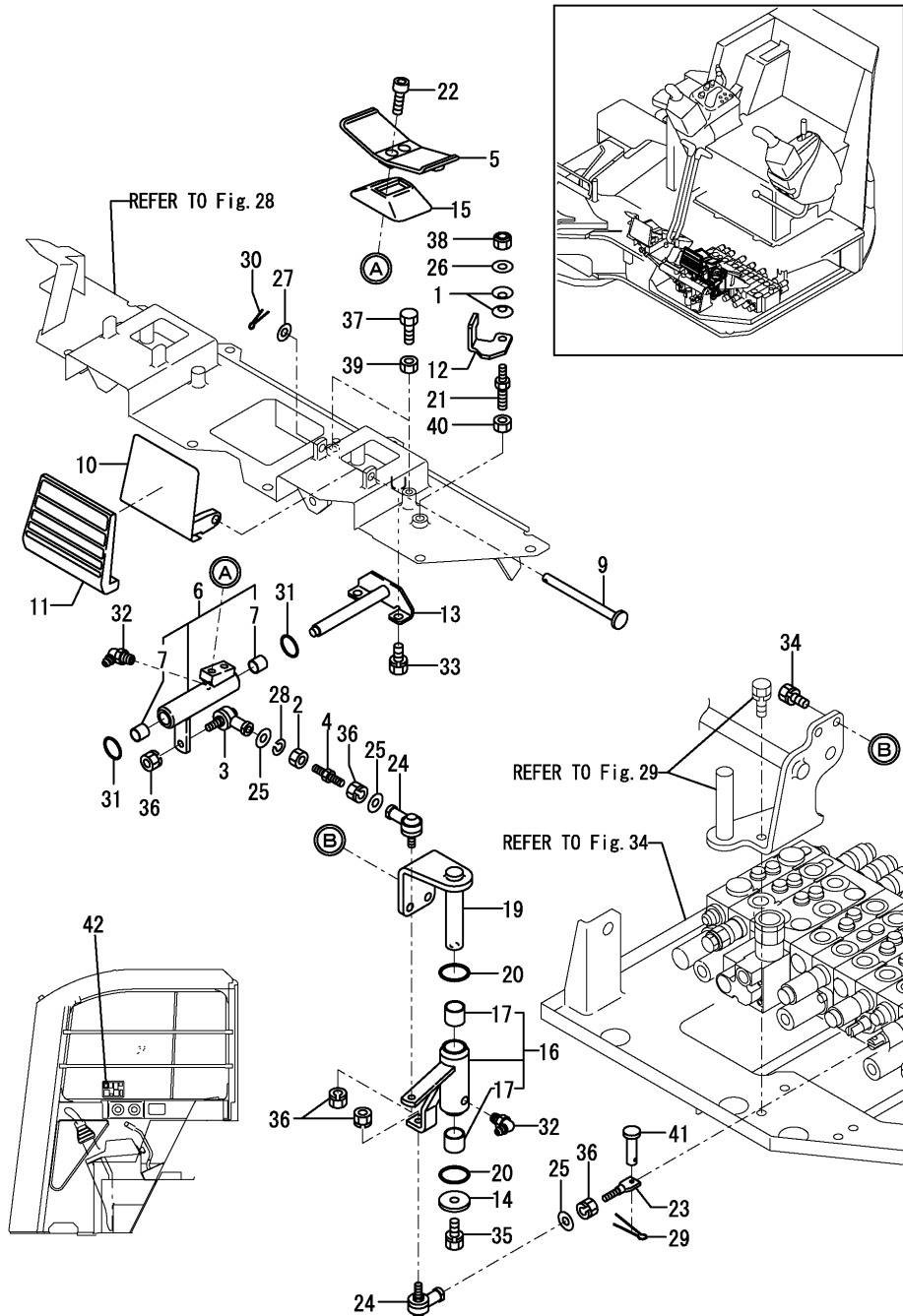
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1	1	1					
2	1	1A1040-43900	WASHER, SPRING	1	1	1					
3	1	172487-45900	PEDAL, LO-HIGH	1	1	1					
3-1	1	172487-45900-1	PEDAL, LO-HIGH	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
4	1	172458-45920	BRACKET, PEDAL	1	1	1					
4-1	1	172458-45920-1	BRACKET, PEDAL	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
5	2	172141-41360	BUSH	2	2	2					
7	1	172458-45950	PAD, PEDAL	1	1	1					
8	1	24311-000210	O-RING, 1AP21.0	2	2	2					
9	1	26013-080162	BOLT, M8X 16	2	2	2					
10	1	26013-080202	BOLT, M8X 20	1	1	1					

Fig.33. P.T.O.



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

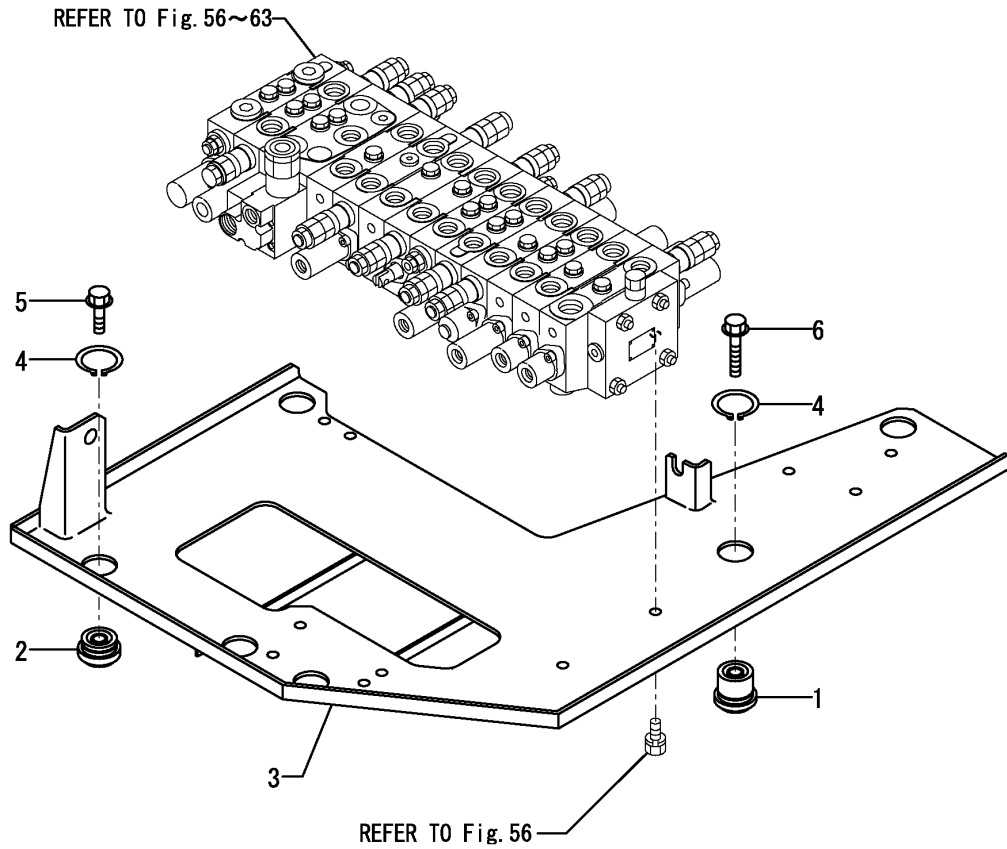
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING	2	2	2					
2	1	194200-37780	NUT, M8	1	1	1					
3	1	172734-41300	JOINT, BALL	1	1	1					
4	1	172732-42450	ROD	1	1	1					
5	1	172187-45500-4	PEDAL, SWING	1	1	1					
5-1	1	172187-45500-2	PEDAL, SWING	1	1	1					S
6	1	(A=M/#11682) 172445-45550	(B=M/#11682) (C=M/#11682) LINK ASSY, PEDAL	1	1	1					
6-1	1	172445-45550-1	LINK ASSY, PEDAL	1	1	1					S
7	2	(A=M/#11682) 172141-41360	(B=M/#11682) (C=M/#11682) BUSH	2	2	2					
9	1	172187-45651	SHAFT	1	1	1					
10	1	172187-45720-4	COVER, PEDAL	1	1	1					
10-1	1	172187-45720-2	COVER, PEDAL	1	1	1					S
11	1	(A=M/#11682) 172187-45760	(B=M/#11682) (C=M/#11682) PAD	1	1	1					
12	1	172448-45800	PLATE, LOCK	1	1	1					
13	1	172444-45850	SHAFT ASSY	1	1	1					
13-1	1	172444-45850-1	SHAFT ASSY	1	1	1					S
14	1	(A=M/#11682) 1A1040-45890	(B=M/#11682) (C=M/#11682) WASHER, 10X36X4.5	1	1	1					
15	1	172157-45990	BOOT, PEDAL	1	1	1					
16	1	172478-46100	LINK ASSY, PTO	1	1	1					
17	2	172141-41370	BUSH	2	2	2					
19	1	172478-46150	SHAFT ASSY, PTO	1	1	1					
20	1	172124-46200	O-RING	2	2	2					
21	1	172462-46230	BOLT	1	1	1					
22	1	172165-46340	BOLT	2	2	2					
23	1	172151-46360	ROD, SPOOL	1	1	1					
24	1	172122-46590	ELBOW	2	2	2					
25	1	22137-080000	WASHER, 8	3	3	3					
26	1	22137-080000	WASHER, 8	1	1	1					
27	1	22137-100000	WASHER, 10	1	1	1					
28	1	22217-080000	WASHER, SPRING 8	1	1	1					
29	1	22417-160160	PIN, COTTER 1.6X16	1	1	1					
30	1	22417-250200	PIN, COTTER 2.5X20	1	1	1					
31	1	24311-000210	O-RING, 1AP21.0	2	2	2					
32	1	24761-050000	NIPPLE, GREASE C	2	2	2					
33	1	26013-080162	BOLT, M8X 16	2	2	2					
34	1	26013-100202	BOLT, M10X 20	2	2	2					
35	1	26013-100202	BOLT, M10X 20	1	1	1					
36	1	26051-080002	NUT, M8	5	5	5					
37	1	26116-080254	BOLT, M8X 25 PLATED	2	2	2					
38	1	26347-080002	NUT, M8	1	1	1					
39	1	26716-080002	NUT, M8	2	2	2					
40	1	26716-100002	NUT, M10	1	1	1					
41	1	933110-54100	PIN	1	1	1					
42	1	172496-03260	LABEL, PTO	1	1	1					

Fig.34. CONTROL VALVE PLATE

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



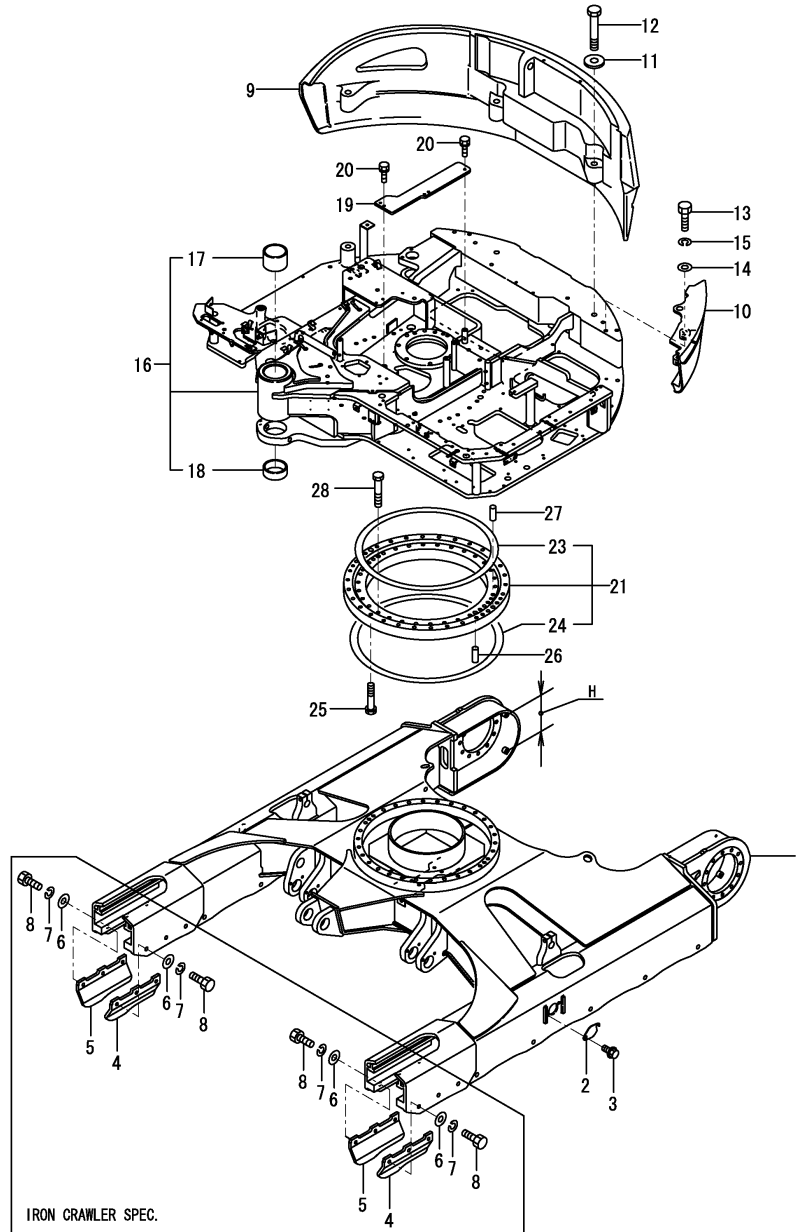
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-45060	CUSHION ASSY	2	2	2					
2	1	172187-45490	CUSHION ASSY	3	3	3					
3	1	172478-45600	PLATE ASSY, VALVE	1	1	1					
4	1	22242-000350	RING, 35	5	5	5					
5	1	26106-100352	BOLT, M10X 35 PLATED	3	3	3					
6	1	26106-100552	BOLT, M10X 55 PLATED	2	2	2					



Fig.35. FRAME & TURNING BEARING

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



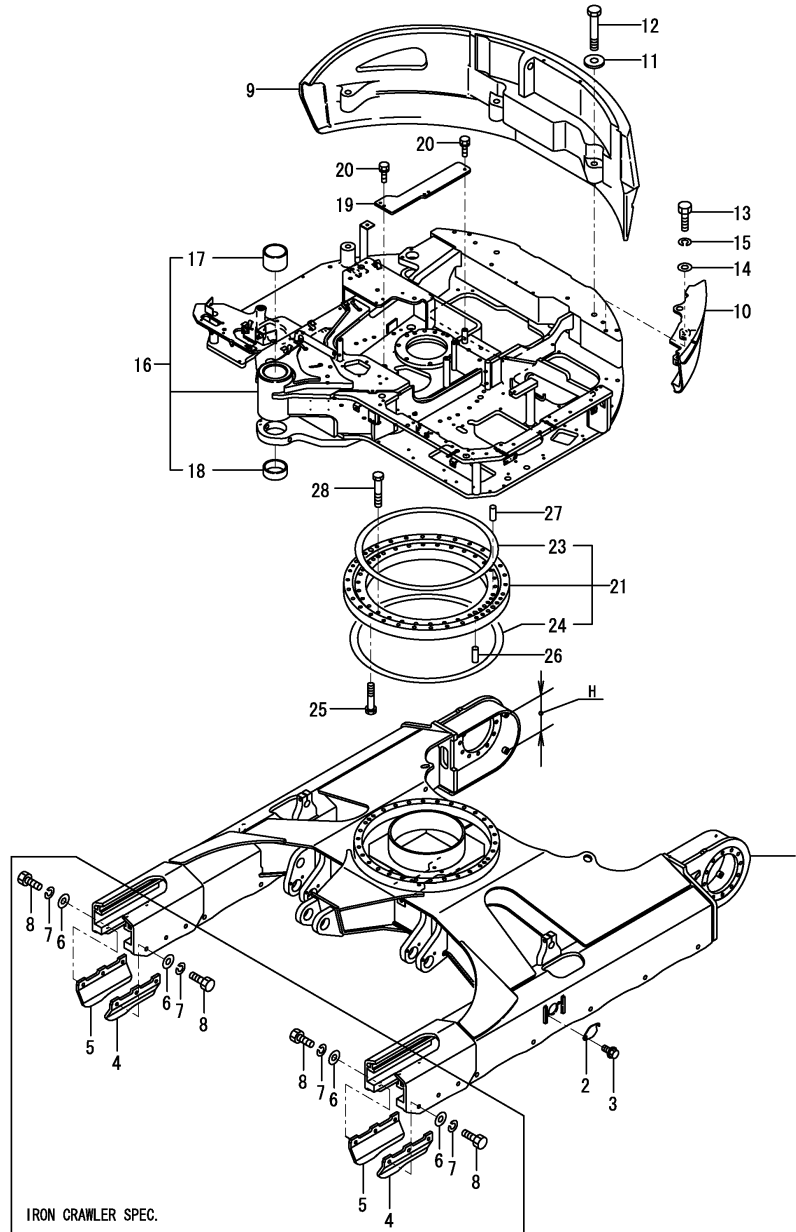
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-50103-1	FRAME ASSY	1	1	1					
1-1	1	172455-50104	FRAME ASSY	1	1	1					N
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
1-2	1	172455-50104-2	FRAME ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
1-3	1	172455-50105	FRAME ASSY	1	1	1					N
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
1-4	1	172455-50106	FRAME ASSY	1	1	1					R
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
1-5	1	172A89-50100	FRAME ASSY	1	1	1					S 2
		(A=M13575) (B=M13575) (C=M13575)									
1-6	1	172B11-50100	FRAME ASSY, LOWER	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
2	1	172458-50480-1	COVER, FRAME	2	2	2					
2-1	1	172458-50480-2	COVER, FRAME	2	2	2					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4					
4	1	172187-50801-1	PLATE, GUARD	2	2	2					1
4-1	1	172187-50801-3	PLATE, GUARD	2	2	2					S 1
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
5	1	172187-50811-1	PLATE, GUARD	2	2	2					1
5-1	1	172187-50811-3	PLATE, GUARD	2	2	2					S 1
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
6	1	22137-160000	WASHER, 16	12	12	12					1
7	1	22217-160000	WASHER, SPRING 16	12	12	12					1
8	1	26116-160402	BOLT, M16X 40 PLATED	12	12	12					1
9	1	172455-53301-1	WEIGHT, COUNTER	1	1	1					
9-1	1	172455-53301-3	WEIGHT, COUNTER	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
9-2	1	172455-53302	WEIGHT, COUNTER	1	1	1					N
		(A=MXXXXX) (B=MXXXXX)									
10	1	172455-53310-1	WEIGHT	1	1	1					
10-1	1	172455-53310-2	WEIGHT	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
10-2	1	172455-53311	WEIGHT, SIDE	1	1	1					N
		(A=MXXXXX) (B=MXXXXX)									
11	1	172187-53320	WASHER	3	3	3					
11-1	1	172187-53321	WASHER	3	3	3					N
		(A=M/#11913) (B=M/#11913) (C=M/#11913)									
12	1	172455-53330	BOLT	3	3	3					
12-1	1	172455-53331	BOLT	3	3	3					N
		(A=M/#11913) (B=M/#11913) (C=M/#11913)									
13	1	172165-53480	BOLT	2	2	2					
14	1	172165-53500	WASHER	2	2	2					
15	1	22217-160000	WASHER, SPRING 16	2	2	2					
16	1	172478-54101-1	FRAME ASSY, TURNING	1	1	1					
16-1	1	172478-54101-2	FRAME, TURNING (49)	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
16-2	1	172478-54090-1	FRAME ASSY, TURNING	1	1	1					N
		(A=M/#11845) (B=M/#11845) (C=M/#11845)									
16-3	1	172A21-54100	FRAME ASSY, TURNING	1	1	1					S

Remarks  
 (1)Iron crawler specification.  
 (2)H=No.1-4 : 215mm No.1-5 : 234mm.

Fig.35. FRAME & TURNING BEARING

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

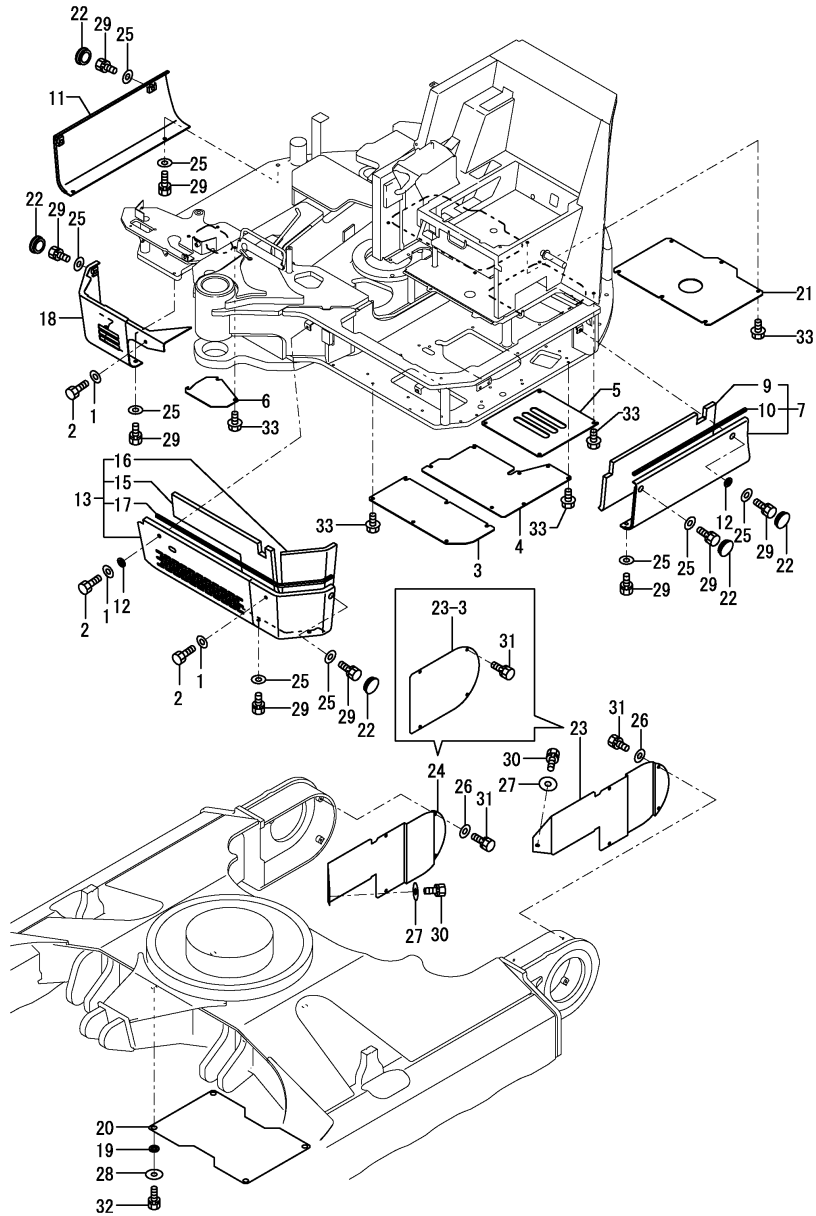
(D)=  
 (E)=  
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
17	2	172187-54750	BUSH	1	1	1					
18	2	172187-54760	BUSH	1	1	1					
19	1	172478-54450-1	PLATE	1	1	1					
19-2	1	172478-54450-3	PLATE	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
20	1	26013-100252	BOLT, M10X 25	2	2	2					
21	1	172187-57600	BEARING ASSY	1	1	1					
23	2	172187-57630	SEAL	1	1	1					
24	2	172187-57640	SEAL	1	1	1					
25	1	172455-57650	BOLT	30	30	30					
26	1	172162-57660	PIN, PARALLEL	2	2	2					
27	1	172162-57660	PIN, PARALLEL	2	2	2					
28	1	172455-57661	BOLT	28	28	28					

Remarks  
 (1)Iron crawler specification.  
 (2)H=No.1-4 : 215mm No.1-5 : 234mm.

Fig.36. COVER(FRAME)



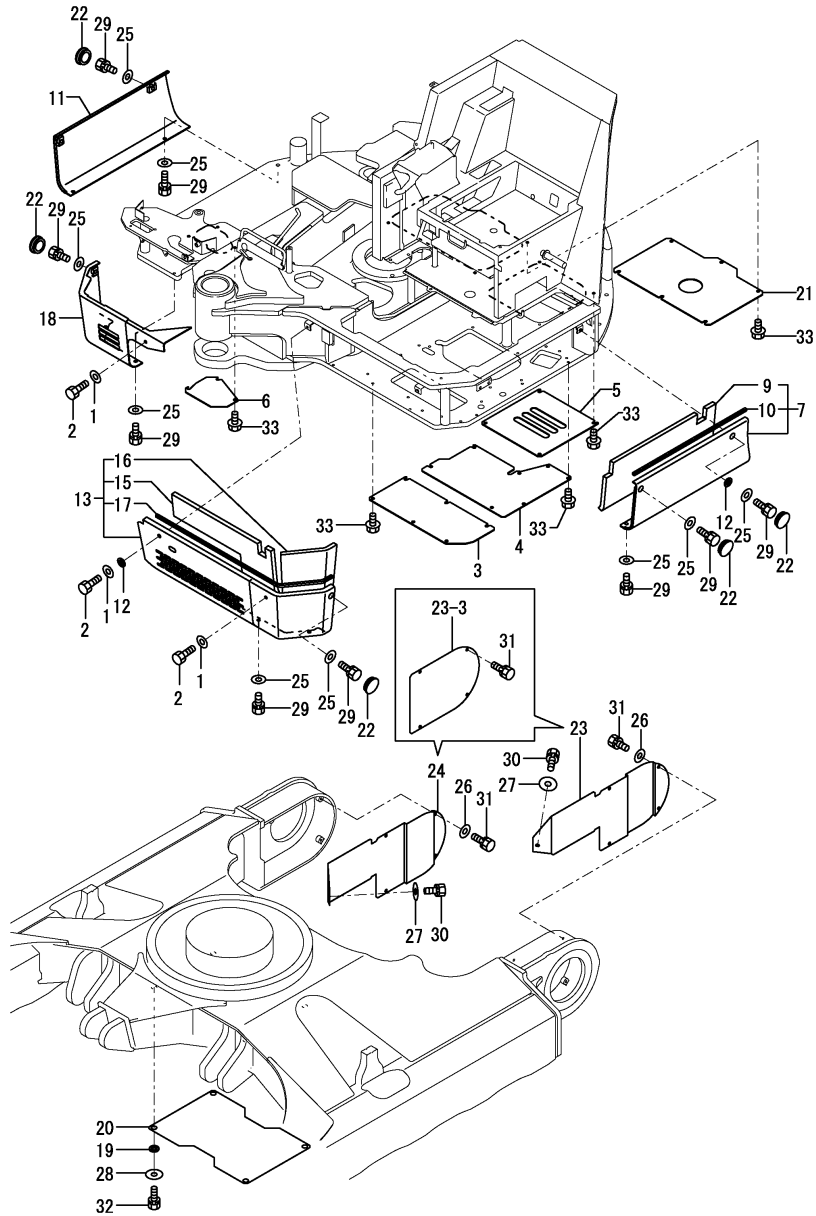
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46040	SEAT, SPRING	3	3	3					
2	1	172168-46760	BOLT	3	3	3					
3	1	172455-61100-2	COVER	1	1	1					
3-1	1	172455-61100-3	COVER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
4	1	172478-61111-1	COVER	1	1	1					
4-1	1	172478-61111-2	COVER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
5	1	172455-61120-2	COVER	1	1	1					
5-1	1	172455-61120-3	COVER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
6	1	172455-61130-2	COVER	1	1	1					
6-1	1	172455-61130-3	COVER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
7	1	172478-61351-1	COVER, FRAME	1	1	1					1
7-1	1	172478-61351-2	COVER, FRAME (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S 1
9	2	172478-61360	SPONGE	1	1	1					
10	2	172478-68910	SEAL	1	1	1					
11	1	172455-61370-1	COVER, FRAME	1	1	1					2
11-1	1	172455-61370-2	COVER, FRAME (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S 2
12	1	172478-61390	RUBBER	2	2	2					
13	1	172478-61401-1	COVER, FRAME	1	1	1					
13-1	1	172478-61401-2	COVER, FRAME (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
15	2	172478-61500	SPONGE	1	1	1					
16	2	172478-61510	SPONGE	1	1	1					
17	2	172478-68920	SEAL	1	1	1					
18	1	172478-61450-1	COVER ASSY	1	1	1					
18-1	1	172478-61450-2	COVER ASSY (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
19	1	172162-61500	TRIM	4	4	4					
20	1	172187-61500-2	COVER	1	1	1					
20-1	1	172187-61500-3	COVER (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
21	1	172478-61560-1	PLATE	1	1	1					
21-1	1	172478-61560-2	PLATE (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
22	1	172463-61600	PLUG	6	6	6					
23	1	172455-61650-1	COVER, TRAVEL	1	1	1					
23-1	1	172455-61650-2	COVER, TRAVEL (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
23-2	1	172455-61650-2	COVER, TRAVEL (A=M13575) (B=M13575) (C=M13575)	1	1	1					Z
23-3	1	172A89-61540	COVER, TRAVEL (A=M13575) (B=M13575) (C=M13575)	2	2	2					W
24	1	172455-61660-2	COVER, TRAVEL	1	1	1					
24-1	1	172455-61660-3	COVER, TRAVEL (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					S
24-2	1	172455-61660-3	COVER, TRAVEL	1	1	1					Z

Remarks  
 (1) Attach the No.34A & 34B label to this part.  
 (2) Attach the No.35A label to this part.  
 (3) Label is not illustrated.

Fig.36. COVER(FRAME)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

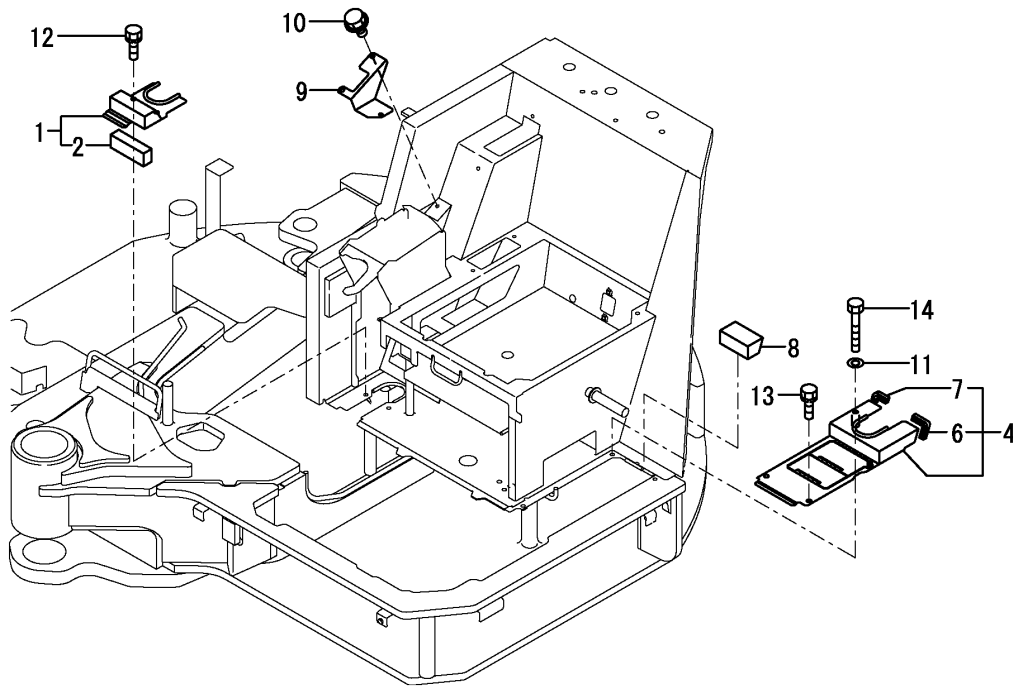
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M13575) (B=M13575) (C=M13575)									
25	1	22137-100000	WASHER, 10	15	15	15					
26	1	22137-100000	WASHER, 10	8	8	8					Z
		(A=M13575) (B=M13575) (C=M13575)									
27	1	22157-100000	WASHER, 10	2	2	2					Z
		(A=M13575) (B=M13575) (C=M13575)									
28	1	22157-120000	WASHER, 12	4	4	4					
29	1	26013-100202	BOLT, M10X 20	15	15	15					
30	1	26013-100202	BOLT, M10X 20	2	2	2					Z
		(A=M13575) (B=M13575) (C=M13575)									
31	1	26013-100202	BOLT, M10X 20	8	8	8					
32	1	26013-120302	BOLT, M12X 30	4	4	4					
33	1	26106-100162	BOLT, M10X 16 PLATED	26	26	26					
34A	1	172437-03351	LABEL, GREASE CYL.	1	1	1					3
34A-1	1	172437-03352	LABEL, CYLINDER	1	1	1					N 3
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
34B	1	172463-03370	LABEL, SUPPORT US	1	1	1					3
34B-1	1	172472-03141	LABEL, SUPPORT	1	1	1					N 3
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
35A	1	172437-03351	LABEL, GREASE CYL.	1	1	1					3
35A-1	1	172437-03352	LABEL, CYLINDER	1	1	1					N 3
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

Remarks

- (1) Attach the No.34A & 34B label to this part.
- (2) Attach the No.35A label to this part.
- (3) Label is not illustrated.

Fig.37. COVER(AROUND THE CONTROL)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

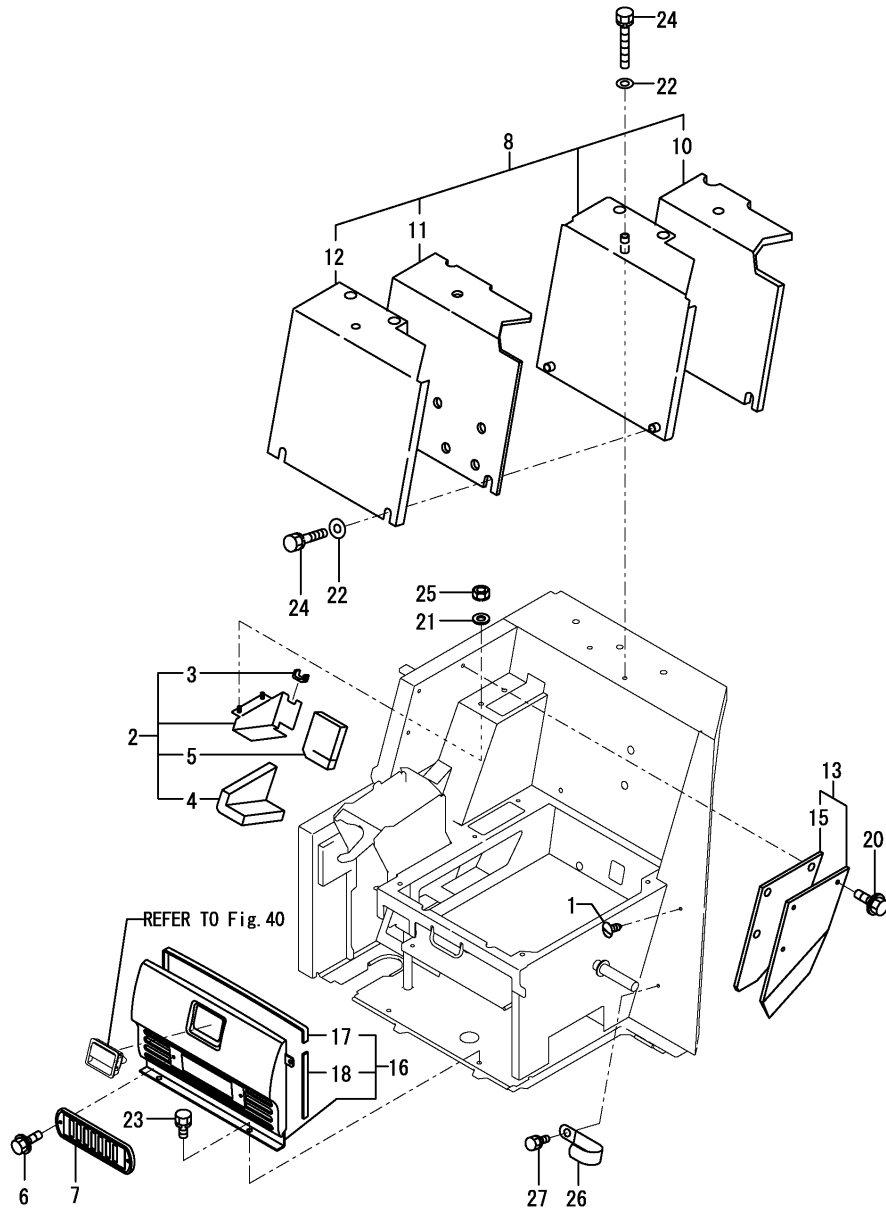
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-61180	COVER, SEAL	1	1	1					
1-1	1	172478-61180-1	COVER, SEAL	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	2	172478-61190	SPONGE	1	1	1					
4	1	172478-61200	COVER, MULTI	1	1	1					
4-1	1	172478-61200-1	COVER, MULTI	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
6	2	172183-61350	TRIM	1	1	1					
7	2	172183-61360	TRIM	1	1	1					
8	1	172478-61270	SEAL, SPONGE	1	1	1					
9	1	172455-61520-1	COVER, BLADE	1	1	1					
9-1	1	172455-61520-2	COVER, BLADE	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
10	1	172519-63240	BOLT	3	3	3					
11	1	22217-100000	WASHER, SPRING 10	1	1	1					
12	1	26013-100202	BOLT, M10X 20	2	2	2					
13	1	26013-100202	BOLT, M10X 20	2	2	2					
14	1	26116-100602	BOLT, M10X 60 PLATED	1	1	1					

Fig.38. COVER(AROUND THE SEAT)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2	2	2					
1-1	1	172122-17190	CLIP, TREE	1	1	1					K
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
2	1	172455-18650	COVER ASSY, PANEL	1	1	1					
3	2	172455-62010	COVER ASSY,PANEL	1	1	1					W
		(A=M/#11225) (B=M/#11225) (C=M/#11225)									
4	2	172455-18680	SPONGE	1	1	1					
5	2	172455-18690	SPONGE	1	1	1					
6	1	172164-45880	BOLT	2	2	2					
7	1	172187-61690	VENTILATOR	1	1	1					
8	1	172A21-63300	COVER, SEAT MOUNT	1	1	1					
8-1	1	172A21-63300-1	COVER, SEAT MOUNT	1	1	1					S 3
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
10	2	172455-63342	SPONGE	1	1	1					
11	2	172455-63352	SPONGE	1	1	1					
12	2	172A21-63360	TRIM	1	1	1					
13	1	172455-63440	COVER ASSY	1	1	1					1
13-1	1	172455-63440-1	COVER ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
15	2	172455-63480	SPONGE	1	1	1					
16	1	172455-64960	GRILLE ASSY	1	1	1					
17	2	172455-64150	TRIM	1	1	1					
18	2	172455-64160	TRIM	1	1	1					
20	1	172165-66980	BOLT	3	3	3					
21	1	22137-080000	WASHER, 8	2	2	2					
22	1	22137-100000	WASHER, 10	3	3	3					
23	1	26013-100202	BOLT, M10X 20	2	2	2					
24	1	26013-100702	BOLT, M10X 70	3	3	3					
25	1	26051-080002	NUT, M8	2	2	2					
26	1	172126-16540	CLAMP	1	1	1					W
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
27	1	26013-100202	BOLT, M10X 20	1	1	1					W
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
28A	1	172437-03431	LABEL,STEERING	1	1	1					2
28A-1	1	172437-03432	LABEL, STEERING	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
28B	1	172437-03470	LABEL,LEVER LOCK	1	1	1					2
28B-1	1	172437-03471	LABEL, LEVER LOCK	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

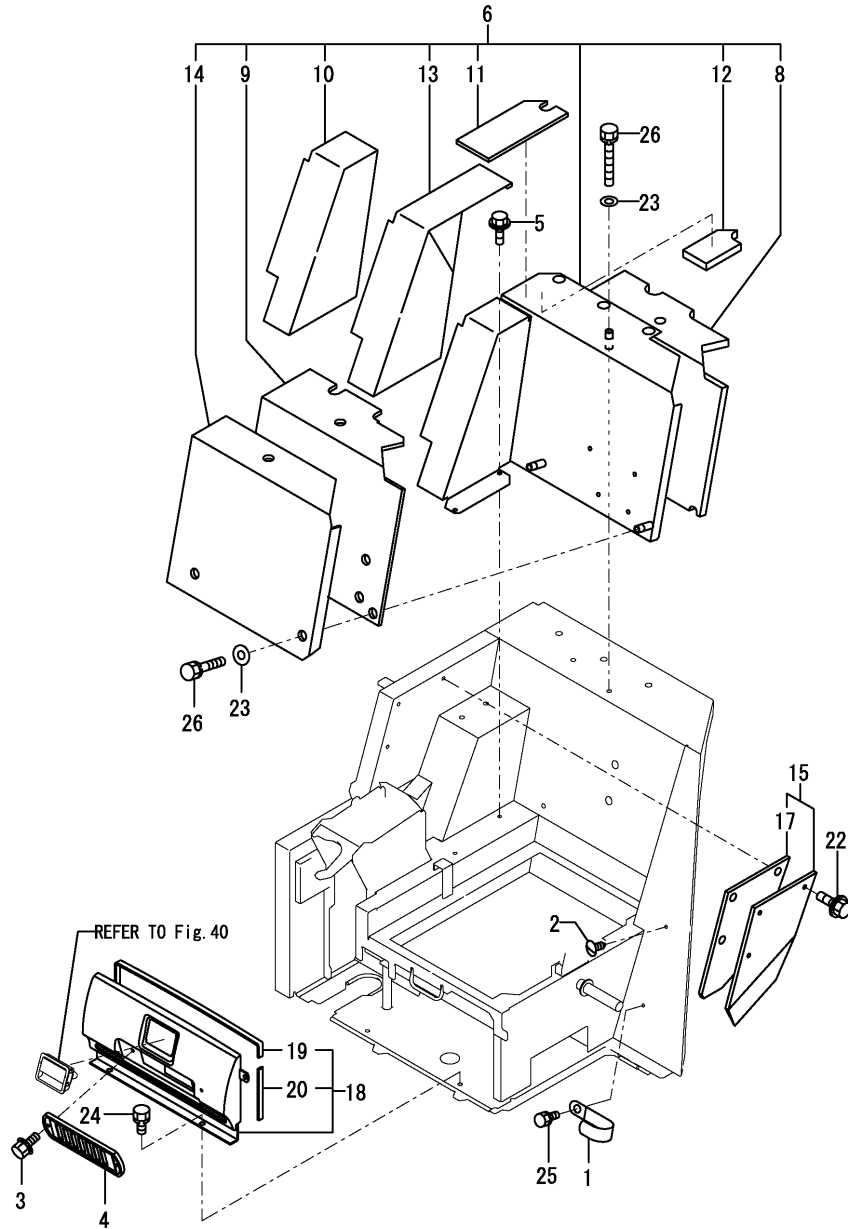
Remarks

- (1)Attach the No.28A & 28B label to this part.
- (2)Label is not illustrated.
- (3)TIM cabin specification is shown in Fig.103(38A).

Fig.103. (38A)COVER(AROUND THE SEAT)(TIM CABIN SPEC.)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

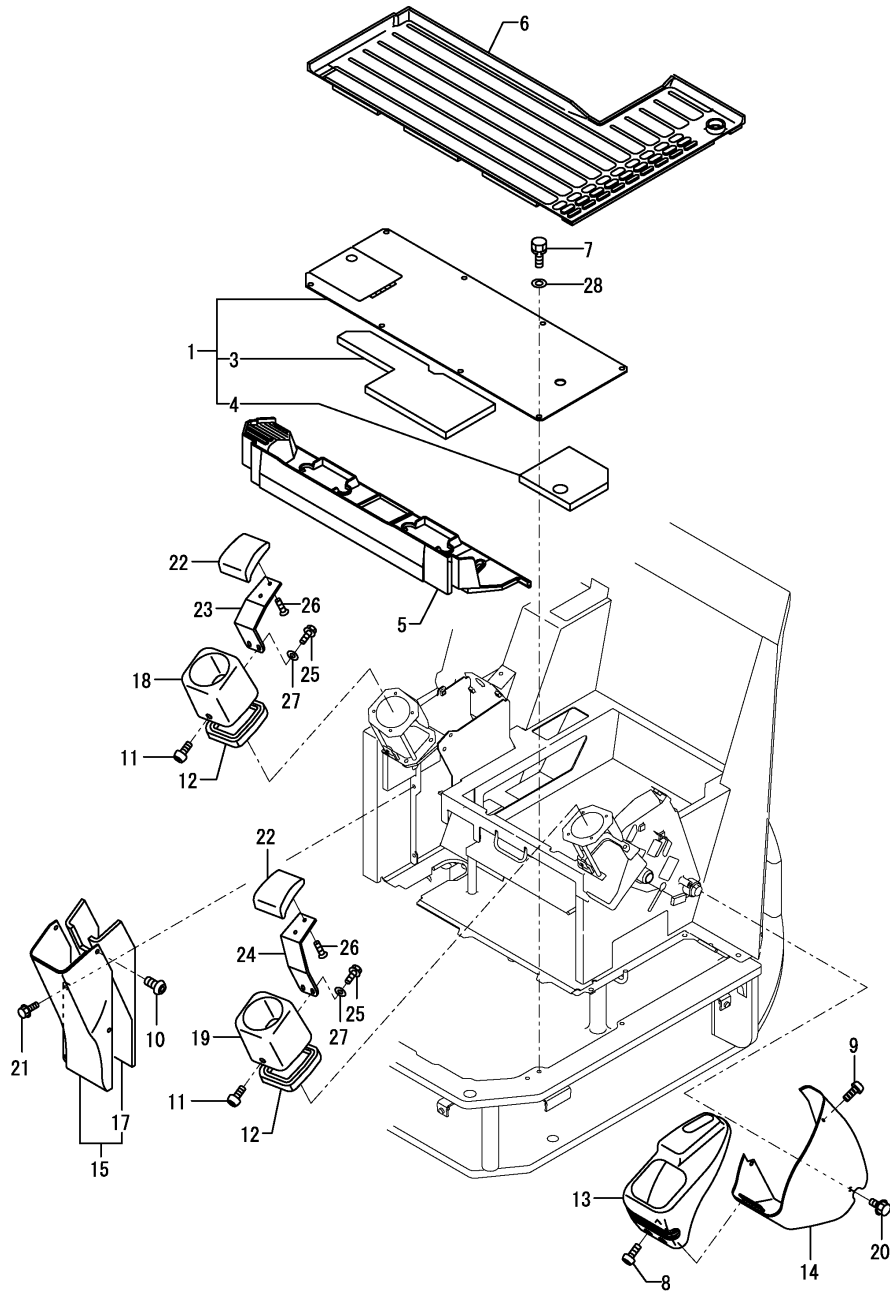


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-16540	CLAMP			1					
2	1	172122-17190	CLIP, TREE			1					
3	1	172164-45880	BOLT			2					
4	1	172187-61690	VENTILATOR			1					
5	1	172519-63240	BOLT			2					
6	1	172478-63370-1	COVER, SEAT MOUNT			1					
8	2	172455-63412	SPONGE			1					
9	2	172455-63422	SPONGE			1					
10	2	172455-63430	SPONGE			1					
11	2	172455-63492	SPONGE			1					
12	2	172455-63502	SPONGE			1					
13	2	172455-63511	TRIM			1					
14	2	172478-63520	TRIM			1					
15	1	172455-63440-1	COVER ASSY			1					1
17	2	172455-63480	SPONGE			1					
18	1	172455-64960	GRILLE ASSY			1					
19	2	172455-64150	TRIM			1					
20	2	172455-64160	TRIM			1					
22	1	172165-66980	BOLT			3					
23	1	22137-100000	WASHER, 10			3					
24	1	26013-100202	BOLT, M10X 20			2					
25	1	26013-100202	BOLT, M10X 20			1					
26	1	26013-100702	BOLT, M10X 70			3					
26A	1	172437-03432	LABEL, STEERING			1					2
26B	1	172437-03470	LABEL, LEVER LOCK			1					2

Remarks

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

Fig.39. STEP & INSTRUMENT PANEL



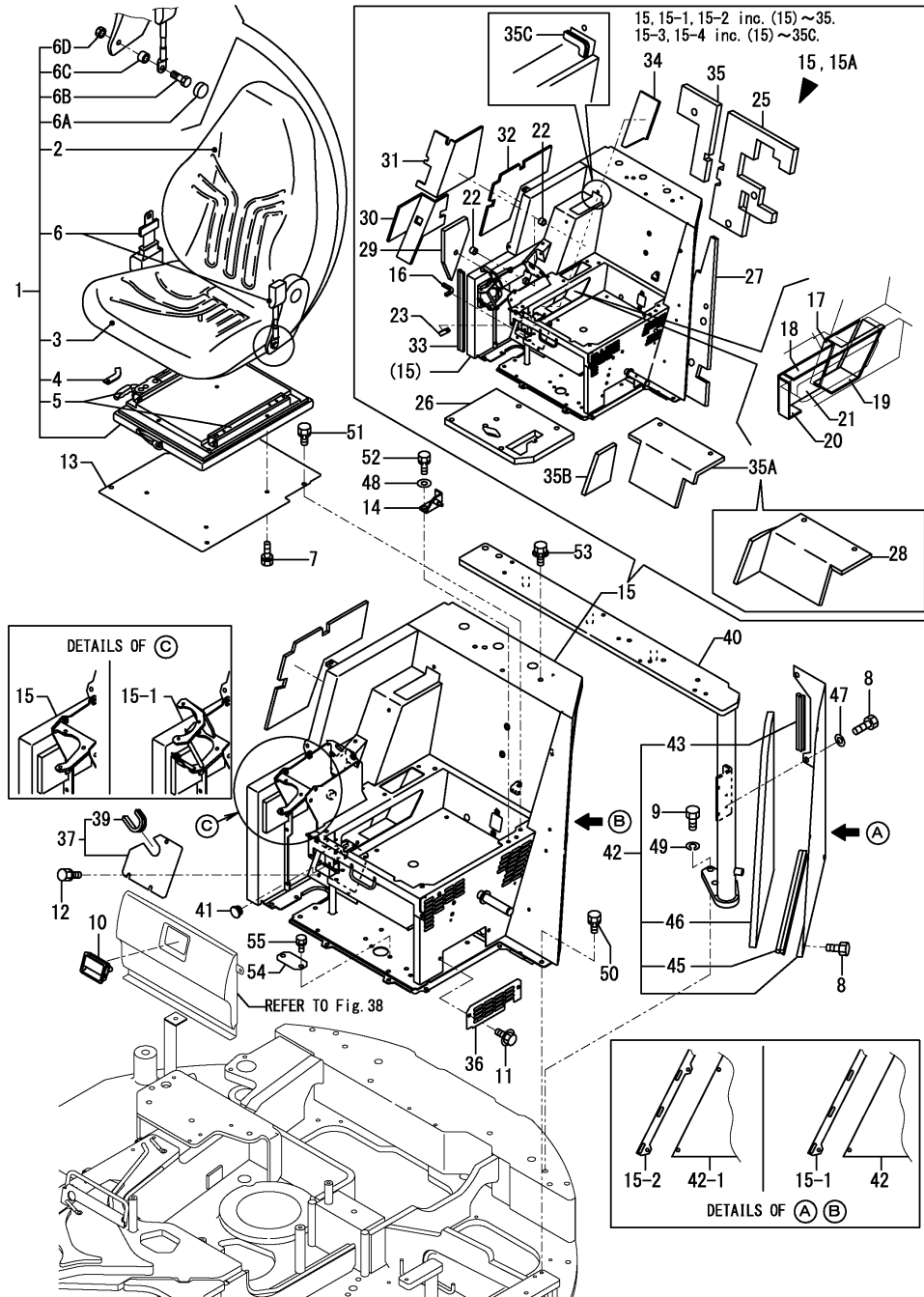
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172463-62101	STEP	1	1	1					
3	2	172463-62140	SPONGE	1	1	1					
4	2	172463-62150	SPONGE	1	1	1					
5	1	172478-62160	MAT, FLOOR	1	1	1					
6	1	172455-62170	MAT, FLOOR	1	1	1					
6-1	1	172455-62171	MAT, FLOOR	1	1	1					N
		(A=M/#11163) (B=M/#11163) (C=M/#11163)									
7	1	26013-100202	BOLT, M10X 20	8	8	8					
8	1	172458-46720	BOLT	3	3	3					
9	1	172458-46720	BOLT	1	1	1					
10	1	172458-46720	BOLT	1	1	1					
11	1	172458-46720	BOLT	2	2	2					
12	1	172162-62540	SEAL, STEP	2	2	2					
13	1	172458-63100	PANEL, INSTRUMENT	1	1	1					
14	1	172458-63120	PANEL, INSTRUMENT	1	1	1					
15	1	172478-63200	COVER ASSY	1	1	1					
17	2	172478-63220	SPONGE	1	1	1					
18	1	172472-63210	COVER	1	1	1					
19	1	172472-63220	COVER	1	1	1					
20	1	172519-63240	BOLT	2	2	2					
21	1	172519-63240	BOLT	3	3	3					
22	1	172441-44320	ARMREST	2	2	2					
23	1	172472-64531-1	PLATE, ARMREST	1	1	1					
23-1	1	172472-64532	PLATE, ARMREST	1	1	1					N
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
23-2	1	172472-64532-1	PLATE, ARMREST	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
24	1	172472-64541-1	PLATE, ARMREST	1	1	1					
24-1	1	172472-64542	PLATE, ARMREST	1	1	1					N
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
24-2	1	172472-64542-1	PLATE, ARMREST	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
25	1	172165-66980	BOLT	4	4	4					
26	1	26577-080122	SCREW, M8X12	4	4	4					
27	1	22137-080000	WASHER, 8	4	4	4					W
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									
28	1	22137-100000	WASHER, 10	8	8	8					W
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									



Fig.40. SEAT & SEAT MOUNT

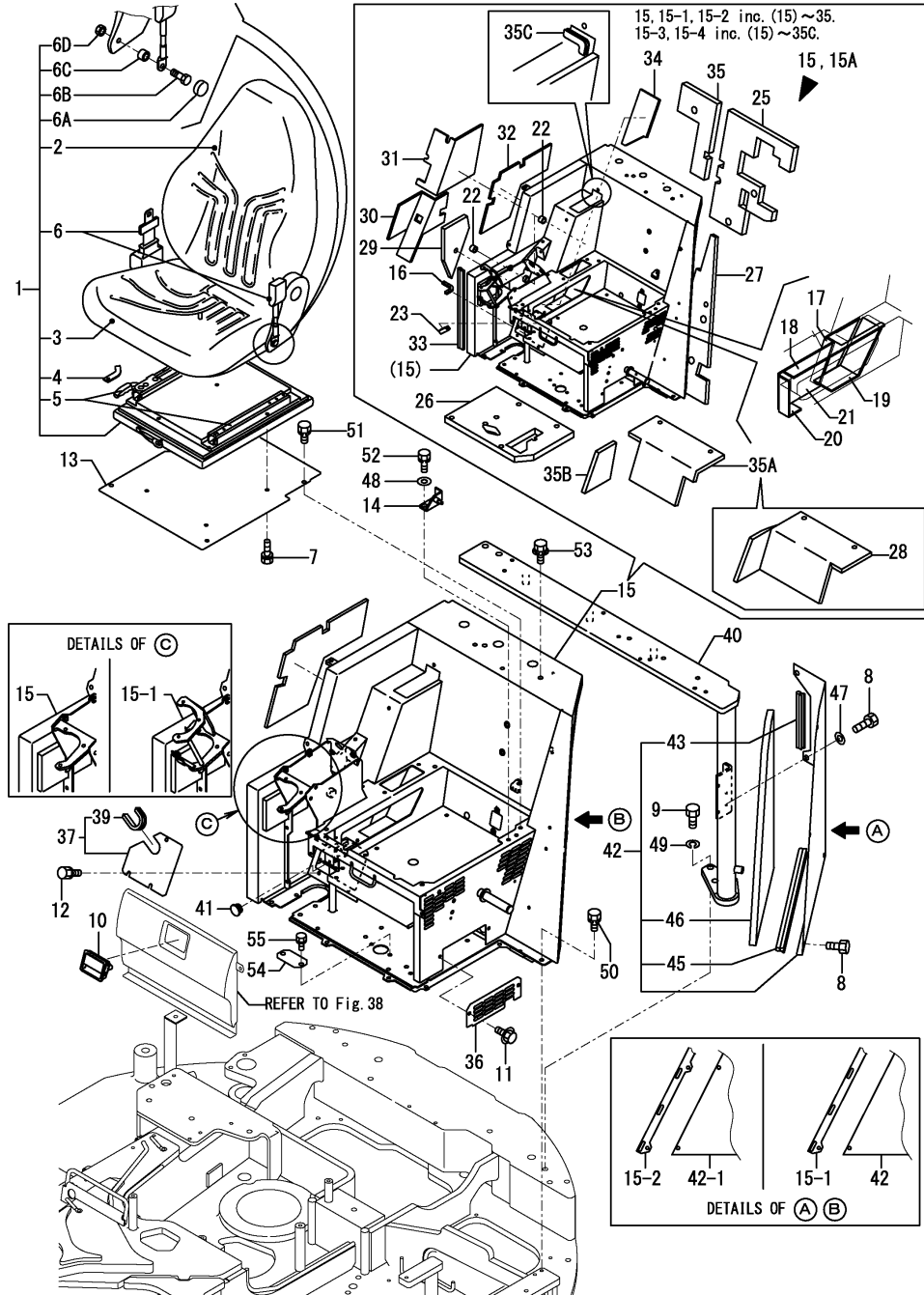


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

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	1	172467-64101	SEAT, OPERATOR	1	1	1					N
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
2	2	172467-64110	CUSHION, BACKREST	1	1	1					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
3	2	172467-64120	CUSHION, SEAT	1	1	1					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
4	2	172467-64130	STOPPER	1	1	1					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
5	2	172467-64140	RAIL SET	1	1	1					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
6	2	172989-64451	BELT, SEAT	1	1	1					
6-1	2	172467-64150	BELT, SEAT	1	1	1					N
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
6A	2	172467-64160	COVER, CAP	2	2	2					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
6B	2	172467-64170	BOLT	2	2	2					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
6C	2	172467-64180	TUBE	2	2	2					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
6D	2	172467-64190	NUT	2	2	2					W
		(A=M/#10846) (B=M/#10846) (C=M/#10846)									
7	1	26013-080162	BOLT, M8X 16	4	4	4					
8	1	172168-46760	BOLT	5	5	5					
8-1	1	172168-46760	BOLT	6	6	6					K
		(A=M/#11047) (B=M/#11047) (C=M/#11047)									
9	1	172165-53490	BOLT	5	5	5					
10	1	172187-61421	HANDLE, LOCK	1	1	1					
11	1	172519-63240	BOLT	2	2	2					
12	1	172519-63240	BOLT	3	3	3					
13	1	172478-64040	PLATE, SEAT	1	1	1					
14	1	172478-64050	BRACKET ASSY, SPRING	1	1	1					
15	1	172478-64191	MOUNT ASSY, SEAT	1	1	1					
15-1	1	172A21-64200	MOUNT ASSY, SEAT	1	1	1					N
		(A=M/#10824) (B=M/#10824) (C=M/#10824)									
15-2	1	172A21-64201	MOUNT ASSY, SEAT	1	1	1					S
		(A=M/#11047) (B=M/#11047) (C=M/#11047)									
15-3	1	172A21-64202	MOUNT ASSY, SEAT	1	1	1					N
		(A=M/#11280) (B=M/#11280) (C=M/#11280)									
15-4	1	172A21-64202-1	MOUNT ASSY, SEAT	1	1	1					S
		(A=M11682) (B=M11682) (C=M11682)									
15-5	1	172A21-64203	MOUNT ASSY, SEAT	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
16	2	172156-11150	SEAL, ENGINE	1	1	1					
17	2	172455-19160	SHEET, INSULATOR	1	1	1					
18	2	172455-19170	SHEET, INSULATOR	1	1	1					
19	2	172455-19180	SHEET, INSULATOR	1	1	1					
20	2	172455-19190	SHEET, INSULATOR	1	1	1					
21	2	172455-19200	SHEET, INSULATOR	1	1	1					
22	2	172141-41360	BUSH	2	2	2					
23	2	172455-61580	TRIM	1	1	1					

Fig.40. SEAT & SEAT MOUNT



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

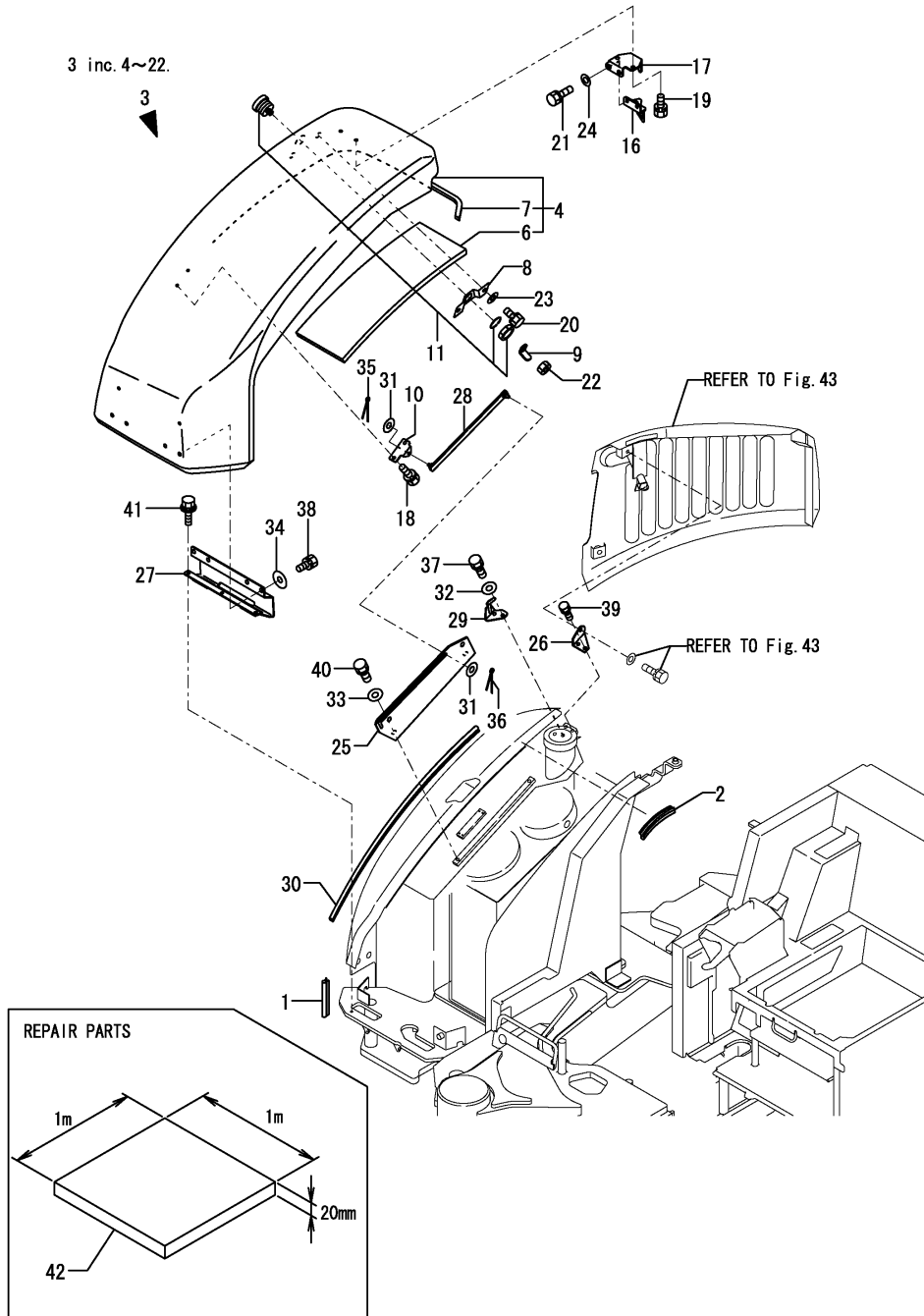
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
25	2	172455-66510	SPONGE	1	1	1					
26	2	172455-66520	SPONGE	1	1	1					
27	2	172455-66530	SPONGE	1	1	1					
28	2	172455-66540	SPONGE	1	1	1					Z
		(A=M/#11547) (B=M/#11547) (C=M/#11547)									
29	2	172455-66550	SPONGE	1	1	1					
30	2	172455-66560	SPONGE	1	1	1					
31	2	172455-66570	SPONGE	1	1	1					
31-1	2	172455-66571	SPONGE	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
32	2	172455-66580	MAT, INSULATOR	1	1	1					
33	2	172164-66640	RUBBER, SEAL	1	1	1					
34	2	172455-66640	SPONGE	1	1	1					
35	2	172455-66700	SPONGE	1	1	1					
35A	2	172A21-64570	SPONGE	1	1	1					W
		(A=M/#11547) (B=M/#11547) (C=M/#11547)									
35B	2	172A21-64580	SPONGE	1	1	1					W
		(A=M/#11547) (B=M/#11547) (C=M/#11547)									
35C	2	172175-65641	TRIM	1	1	1					W
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
36	1	172478-64280	COVER, SEAT MOUNT	1	1	1					
36-1	1	172478-64280-1	COVER, SEAT MOUNT	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
37	1	172478-64340	COVER, SEAT MOUNT	1	1	1					
37-1	1	172478-64340-1	COVER, SEAT MOUNT	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
39	2	172455-64700	TRIM	1	1	1					
40	1	172455-64802	BRACKET ASSY	1	1	1					
40-1	1	172455-64802-1	BRACKET ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
41	1	172187-64900	PLUG	1	1	1					
42	1	172455-66380-1	COVER ASSY, MOUNT	1	1	1					
42-1	1	172455-66381-1	COVER, SEAT MOUNT	1	1	1					S
		(A=M/#11047) (B=M/#11047) (C=M/#11047)									
43	2	172162-61120	SEAL	1	1	1					
45	2	172455-66390	SEAL	1	1	1					
46	2	172455-66590	SPONGE	1	1	1					
47	1	22137-100000	WASHER, 10	3	3	3					
48	1	22137-100000	WASHER, 10	2	2	2					
49	1	22217-160000	WASHER, SPRING 16	5	5	5					
50	1	26013-100202	BOLT, M10X 20	4	4	4					
51	1	26013-100202	BOLT, M10X 20	4	4	4					
52	1	26013-100252	BOLT, M10X 25	2	2	2					
53	1	26014-100202	BOLT, M10X 20	2	2	2					
54	1	172455-64170	COVER, SEAT MOUNT	1	1	1					W
		(A=M/#10895) (B=M/#10895) (C=M/#10895)									
55	1	26013-080162	BOLT, M8X 16	2	2	2					W
		(A=M/#10895) (B=M/#10895) (C=M/#10895)									

Fig.41. BONNET(BODY)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

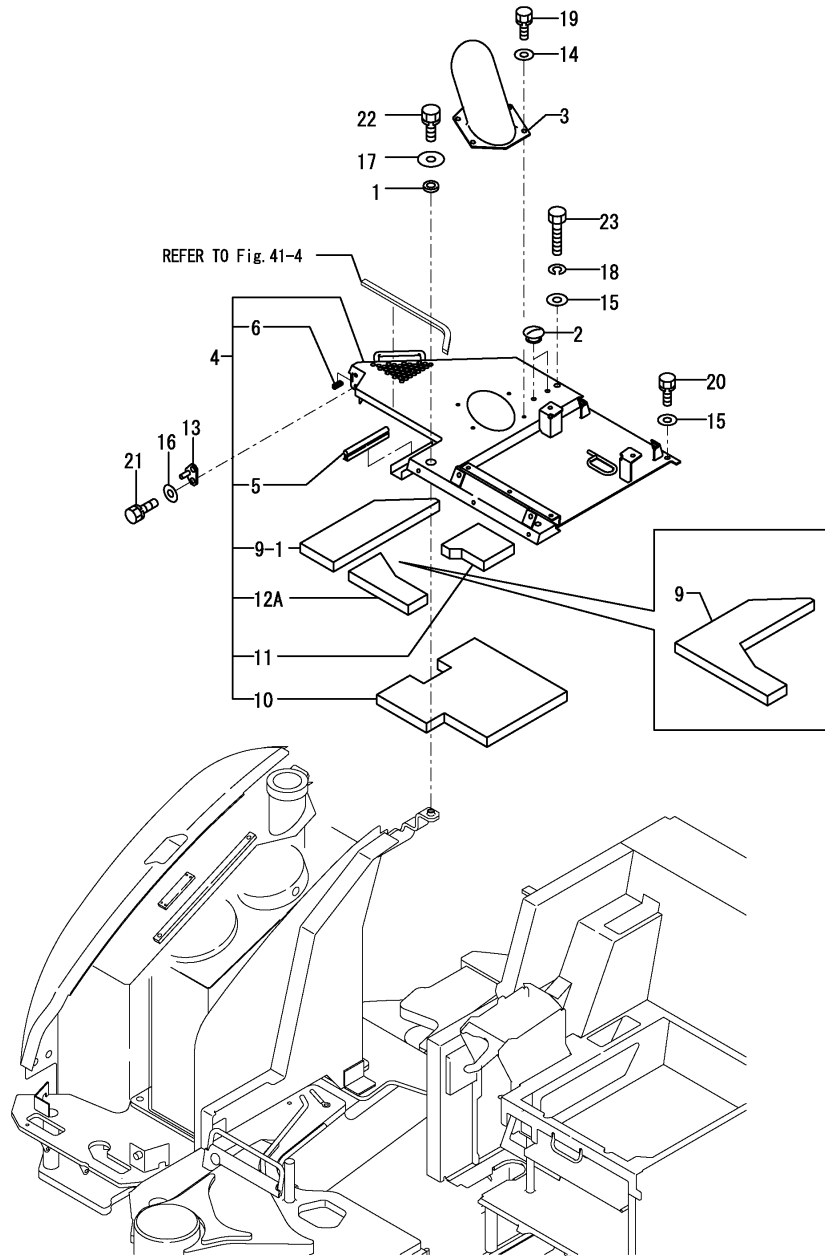


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-54920	SEAL, WEIGHT	1	1	1					
2	1	172434-61180	TRIM	1	1	1					
3	1	172478-65190	BONNET ASSY	1	1	1					W
		(A=M/#11802) (B=M/#11802) (C=M/#11802)									
4	2	172478-65200	BONNET ASSY	1	1	1					
6	3	172455-66110	SPONGE	1	1	1					
7	3	172455-66712	SPONGE	1	1	1					W
		(A=M/#10961) (B=M/#10961) (C=M/#10961)									
8	2	172455-65230	PLATE, KEY	1	1	1					
9	2	172455-65240	PLATE, LOCK	1	1	1					
10	2	172445-65250	BRACKET, STOPPER	1	1	1					
11	2	172164-66170	KEY ASSY, CYLINDER	1	1	1					
16	2	172455-66430	BRACKET ASSY, GUIDE	1	1	1					
17	2	172455-66450	PLATE, GUIDE	1	1	1					
18	2	26013-080162	BOLT, M8X 16	4	4	4					
19	2	26013-100202	BOLT, M10X 20	2	2	2					
20	2	26013-100202	BOLT, M10X 20	2	2	2					
20-1	2	26014-100202	BOLT, M10X 20	2	2	2					N
		(A=M/#11802) (B=M/#11802) (C=M/#11802)									
21	2	26013-100252	BOLT, M10X 25	2	2	2					
21-1	2	26014-100252	BOLT, M10X 25	2	2	2					N
		(A=M/#11802) (B=M/#11802) (C=M/#11802)									
22	2	26347-100002	NUT, M10	1	1	1					
23	1	22137-100000	WASHER, 10	2	2	2					Z
		(A=M/#11802) (B=M/#11802) (C=M/#11802)									
24	1	22137-100000	WASHER, 10	2	2	2					Z
		(A=M/#11802) (B=M/#11802) (C=M/#11802)									
25	1	172455-65220	PLATE, RAIL	1	1	1					
26	1	172455-65660	STAY ASSY	1	1	1					
27	1	172455-65741-1	HINGE ASSY	1	1	1					
27-1	1	172455-65741	HINGE ASSY	1	1	1					N
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
28	1	172455-66200	ROD ASSY, STOPPER	1	1	1					
29	1	172455-66400	BRACKET ASSY, LOCK	1	1	1					
30	1	172187-68050	SEAL, COVER	1	1	1					
31	1	22137-080000	WASHER, 8	2	2	2					
32	1	22137-080000	WASHER, 8	2	2	2					
33	1	22137-120000	WASHER, 12	4	4	4					
34	1	22157-080000	WASHER, 8	4	4	4					
35	1	22372-080000	PIN, SNAP 8	1	1	1					
36	1	22417-200200	PIN, COTTER 2.0X20	1	1	1					
37	1	26013-080122	BOLT, M8X 12	2	2	2					
38	1	26013-080162	BOLT, M8X 16	2	2	2					
39	1	26013-100252	BOLT, M10X 25	2	2	2					
40	1	26013-120202	BOLT, M12X 20	4	4	4					
41	1	26014-080162	BOLT, M8X 16	3	3	3					
42	1	172478-65750	SPONGE	1	1	1					

Fig.42. BONNET(UPPER COVER)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-61500	TRIM	1	1	1					
2	1	172187-64900	PLUG	2	2	2					
3	1	172455-65700	COVER ASSY	1	1	1					
3-1	1	172455-65701	COVER ASSY	1	1	1					N
		(A=M13575) (B=M13575) (C=M13575)									
4	1	172455-66351-1	BONNET ASSY	1	1	1					
4-1	1	172455-66352	BONNET ASSY	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
5	2	172434-61350	SEAL, RUBBER	1	1	1					
6	2	172478-65220	TRIM	1	1	1					
9	2	172455-66600	SPONGE	1	1	1					
9-1	2	172455-66601	SPONGE	1	1	1					F 1
		(A=XXX) (B=XXX) (C=XXX)									
10	2	172455-66610	SPONGE	1	1	1					
10-1	2	172455-66611	SPONGE	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
11	2	172455-66680	SPONGE	1	1	1					
12A	2	172455-66720	INSURATOR A	1	1	1					W
		(A=XXX) (B=XXX) (C=XXX)									
13	1	172455-66470	PLATE, STOPPER	1	1	1					
14	1	22137-080000	WASHER, 8	4	4	4					
15	1	22137-100000	WASHER, 10	3	3	3					
16	1	22137-100000	WASHER, 10	2	2	2					
17	1	22157-120000	WASHER, 12	1	1	1					
18	1	22217-100000	WASHER, SPRING 10	2	2	2					
19	1	26013-080162	BOLT, M8X 16	4	4	4					
20	1	26013-100202	BOLT, M10X 20	1	1	1					
21	1	26013-100202	BOLT, M10X 20	2	2	2					
22	1	26013-120202	BOLT, M12X 20	1	1	1					
23	1	26116-100502	BOLT, M10X 50 PLATED	2	2	2					

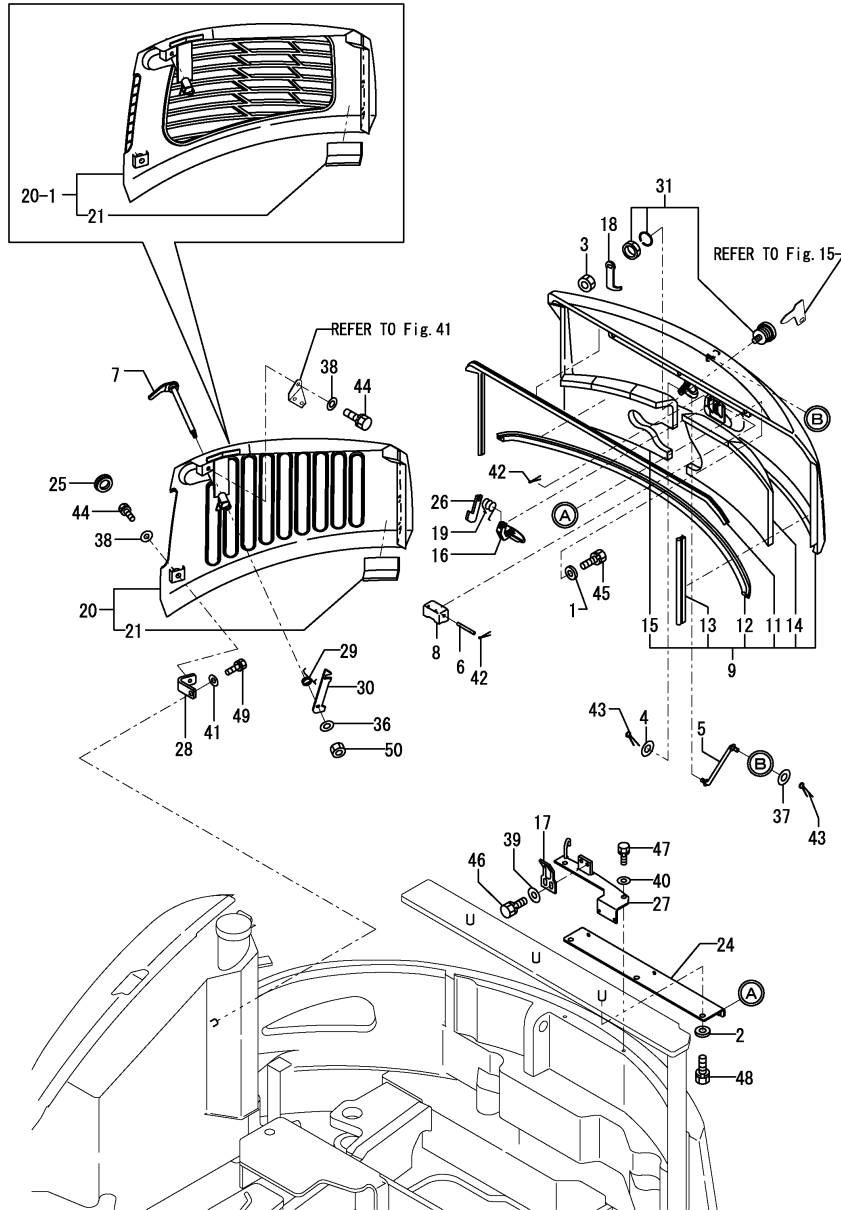
Remarks

(1)Interchangeable by simultaneous replacement with No.12A.

Fig.43. BONNET(SIDE & REAR COVER)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	194145-04810	WASHER, 10	3	3	3						
2	1	194145-04810	WASHER, 10	3	3	3						
3	1	26347-100002	NUT, M10	1	1	1						
4	1	1A1380-62160	WASHER, BELT COVER	1	1	1						
5	1	172444-64730	ROD ASSY, STOPPER	1	1	1						
6	1	172458-65050	SHAFT	1	1	1						
7	1	172455-65060	HOOK ASSY	1	1	1						
8	1	172458-65060	COVER, LOCK	1	1	1						
9	1	172455-65100-1	BONNET ASSY	1	1	1					1	
11	2	172455-65950	RUBBER, SEAL	1	1	1						
12	2	172455-65960	RUBBER, SEAL	1	1	1						
13	2	172455-65970	RUBBER, SEAL	1	1	1						
14	2	172455-66630	SPONGE	1	1	1						
15	2	172455-66670	SPONGE	1	1	1						
16	1	172187-65210	LEVER ASSY, LOCK	1	1	1						
17	1	172187-65270	PLATE, CATCH	1	1	1						
18	1	172444-65270	PLATE, LOCK	1	1	1						
19	1	172734-65270	SPRING, CATCH	1	1	1						
20	1	172478-65340-1	BONNET ASSY	1	1	1						
20-1	1	172A21-65300	BONNET	1	1	1					S	
				(A=M/#10824) (B=M/#10824) (C=M/#10824)								
21	2	172478-65330	SPONGE	1	1	1						
24	1	172455-65410	BRACKET ASSY	1	1	1					2	
25	1	172463-65410	PLUG	1	1	1						
26	1	172124-65480	CATCHER	1	1	1						
27	1	172455-65500	BRACKET ASSY, LOCK	1	1	1						
27-1	1	172455-65501	BRACKET ASSY, LOCK	1	1	1					N	
				(A=M/#13546) (B=M/#13546) (C=M/#13546)								
28	1	172455-65560	STAY	1	1	1						
29	1	172156-65690	SPRING, STOPPER	1	1	1						
30	1	172455-65800	PLATE, LOCK	1	1	1						
31	1	172164-66170	KEY ASSY, CYLINDER	1	1	1						
36	1	22137-080000	WASHER, 8	1	1	1						
37	1	22137-080000	WASHER, 8	1	1	1						
38	1	22137-100000	WASHER, 10	4	4	4						
39	1	22137-100000	WASHER, 10	2	2	2						
40	1	22137-100000	WASHER, 10	2	2	2						
41	1	22137-100000	WASHER, 10	1	1	1						
42	1	22417-200200	PIN, COTTER 2.0X20	2	2	2						
43	1	22417-200200	PIN, COTTER 2.0X20	2	2	2						
44	1	26013-100252	BOLT, M10X 25	4	4	4						
45	1	26013-100252	BOLT, M10X 25	3	3	3						
46	1	26013-100252	BOLT, M10X 25	2	2	2						
47	1	26013-100252	BOLT, M10X 25	2	2	2						
48	1	26013-100252	BOLT, M10X 25	3	3	3						
49	1	26013-100252	BOLT, M10X 25	1	1	1						
50	1	26347-080002	NUT, M8	1	1	1						
51A	1	172437-03380	LABEL, SWING AREA	1	1	1					3	
51A-1	1	172437-03381	LABEL, SWING AREA	1	1	1					N 3	
				(A=M/#11010) (B=M/#11010) (C=M/#11010)								
51B	1	172437-03401	LABEL (ENG COVER US	1	1	1					3	

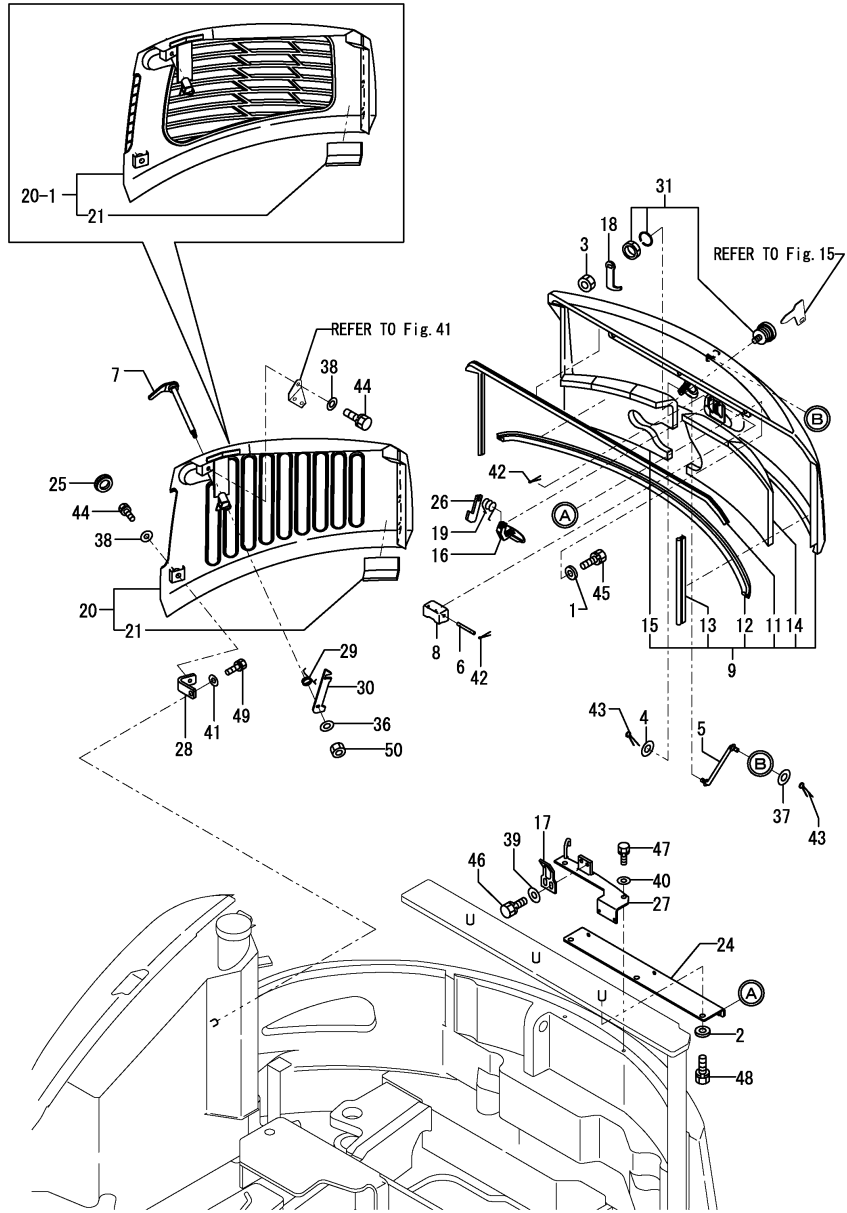
Remarks

- (1) Attach the No.51A & 51B label to this part.
- (2) Attach the No.52A & 52B label to this part.
- (3) Label is not illustrated.

Fig.43. BONNET(SIDE & REAR COVER)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

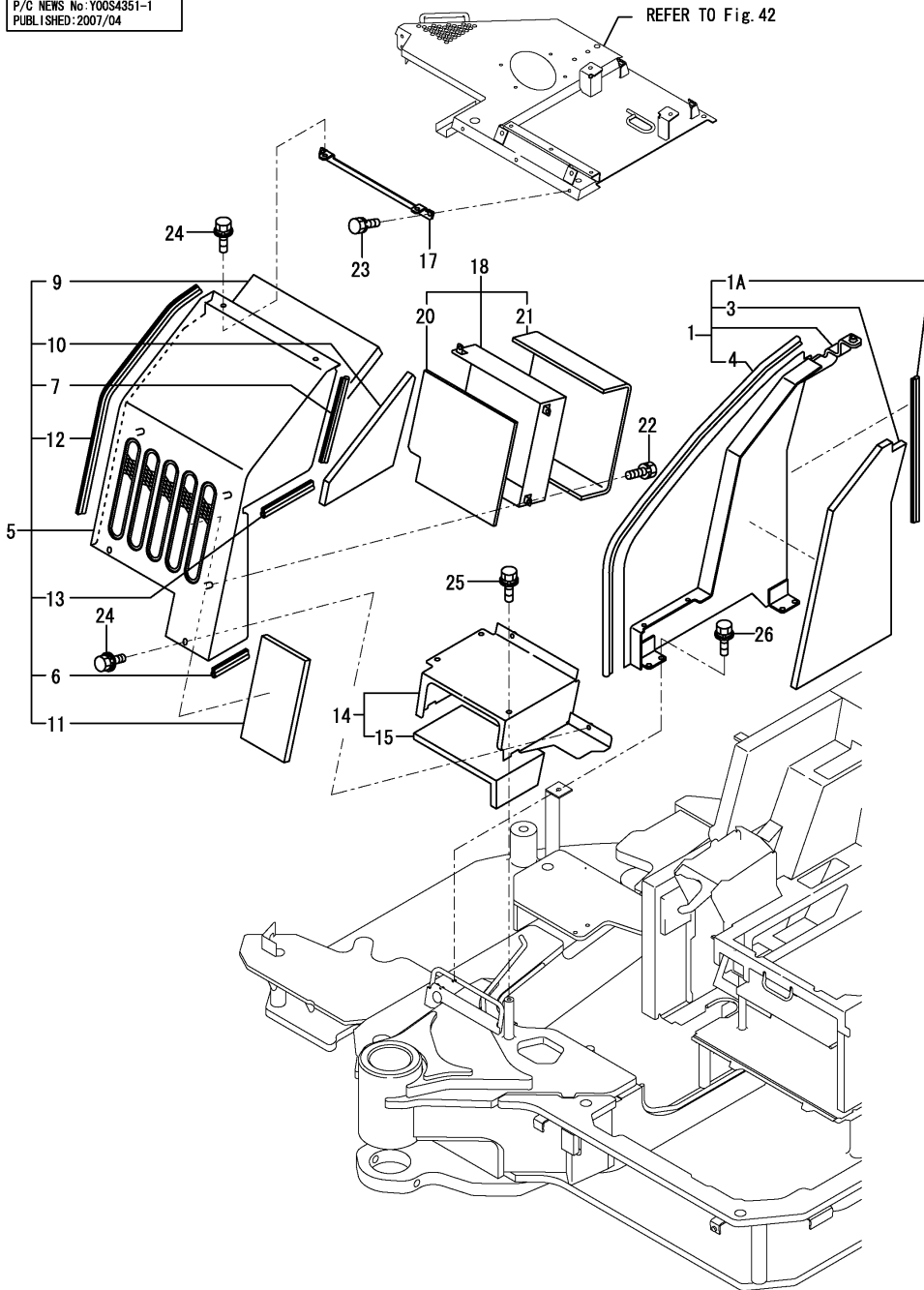


No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
51B-1	1	172437-03402	LABEL, ENGINE COVER (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N	3
52A	1	172437-03411	LABEL (ENG ROOM US)									3
52A-1	1	172A36-03411	LABEL, ENGINE ROOM (A=M/#11682) (B=M/#11682) (C=M/#11682)	1	1	1					N	3
52B	1	172437-03421	LABEL, MUFFLER									3
52B-1	1	172437-03422	LABEL, MUFFLER (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N	3

Remarks  
 (1) Attach the No.51A & 51B label to this part.  
 (2) Attach the No.52A & 52B label to this part.  
 (3) Label is not illustrated.

Fig.44. BONNET(FRONT)

P/C NEWS No: Y0034351-1  
PUBLISHED: 2007/04



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

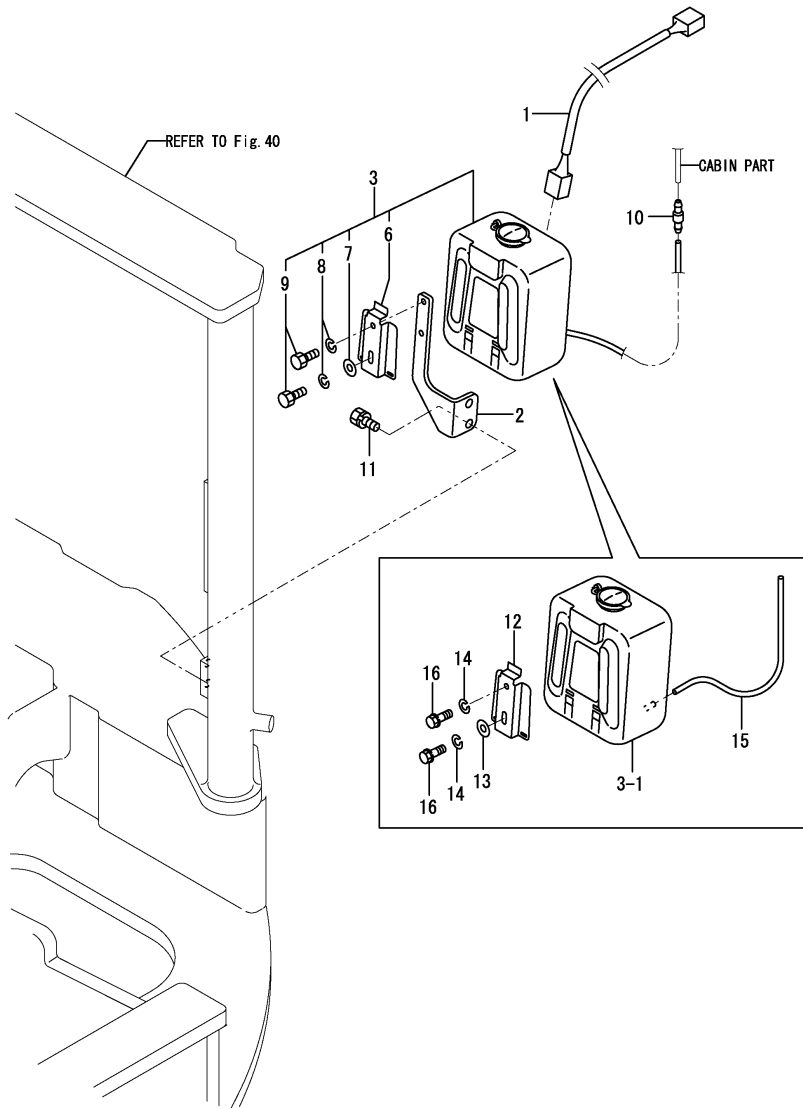
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-65400-1	COVER	1	1	1					
1A	2	172162-64320	TRIM	1	1	1					W
		(A=M/#10676) (B=M/#10676) (C=M/#10676)									
3	2	172478-65480	SPONGE	1	1	1					
4	2	172478-65490	RUBBER, SEAL	1	1	1					
5	1	172478-65500-1	COVER	1	1	1					
5-1	1	172478-65501	COVER	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
6	2	172434-61350	SEAL, RUBBER	1	1	1					
7	2	172162-61880	SEAL	1	1	1					
9	2	172478-65550	SPONGE	1	1	1					
9-1	2	172478-65551	SPONGE	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
10	2	172478-65560	SPONGE	1	1	1					
10-1	2	172478-65561	SPONGE	1	1	1					N
		(A=XXX) (B=XXX) (C=XXX)									
11	2	172478-65570	SPONGE	1	1	1					
12	2	172478-65590	RUBBER, SEAL	1	1	1					
13	2	172422-66150	SEAL	1	1	1					
14	1	172478-65601-1	COVER, STEP	1	1	1					
15	2	172478-65630	SPONGE	1	1	1					
17	1	172478-65650	BRACKET ASSY	1	1	1					
18	1	172478-65700	DUCT ASSY	1	1	1					
18-1	1	172478-65700-1	DUCT ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
20	2	172478-65730	SPONGE	1	1	1					
21	2	172478-65740	SPONGE	1	1	1					
22	1	26013-080162	BOLT, M8X 16	3	3	3					
23	1	26013-100202	BOLT, M10X 20	2	2	2					
24	1	26014-100202	BOLT, M10X 20	4	4	4					
25	1	26014-100202	BOLT, M10X 20	3	3	3					
26	1	26014-100202	BOLT, M10X 20	4	4	4					

Fig.20. WINDOW WASHER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-16610	HARNES, WIRE	1	1	1					
2	1	172478-17601	BRACKET, WASHER	1	1	1					
3	1	172472-17610	TANK ASSY, WASHER	1	1	1					
3-1	1	172472-17611	TANK ASSY, WASHER (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					F 1
6	2	172472-17650	BRACKET (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					Z
7	2	22137-060000	WASHER, 6 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					Z
8	2	22217-060000	WASHER, SPRING 6 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	2	2	2					Z
9	2	26116-060162	BOLT, M6X 16 PLATED (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	2	2	2					Z
10	1	198127-86540	JOINT, PIPE	1	1	1					
11	1	26013-100162	BOLT, M10X 16	2	2	2					
12	1	120147-44810	BRACKET (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					W
13	1	22137-060000	WASHER, 6 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					W
14	1	22217-060000	WASHER, SPRING 6 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	2	2	2					W
15	1	23061-043000	PIPE, 4X3000 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	1	1	1					W
16	1	26116-060162	BOLT, M6X 16 PLATED (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	2	2	2					W

Remarks

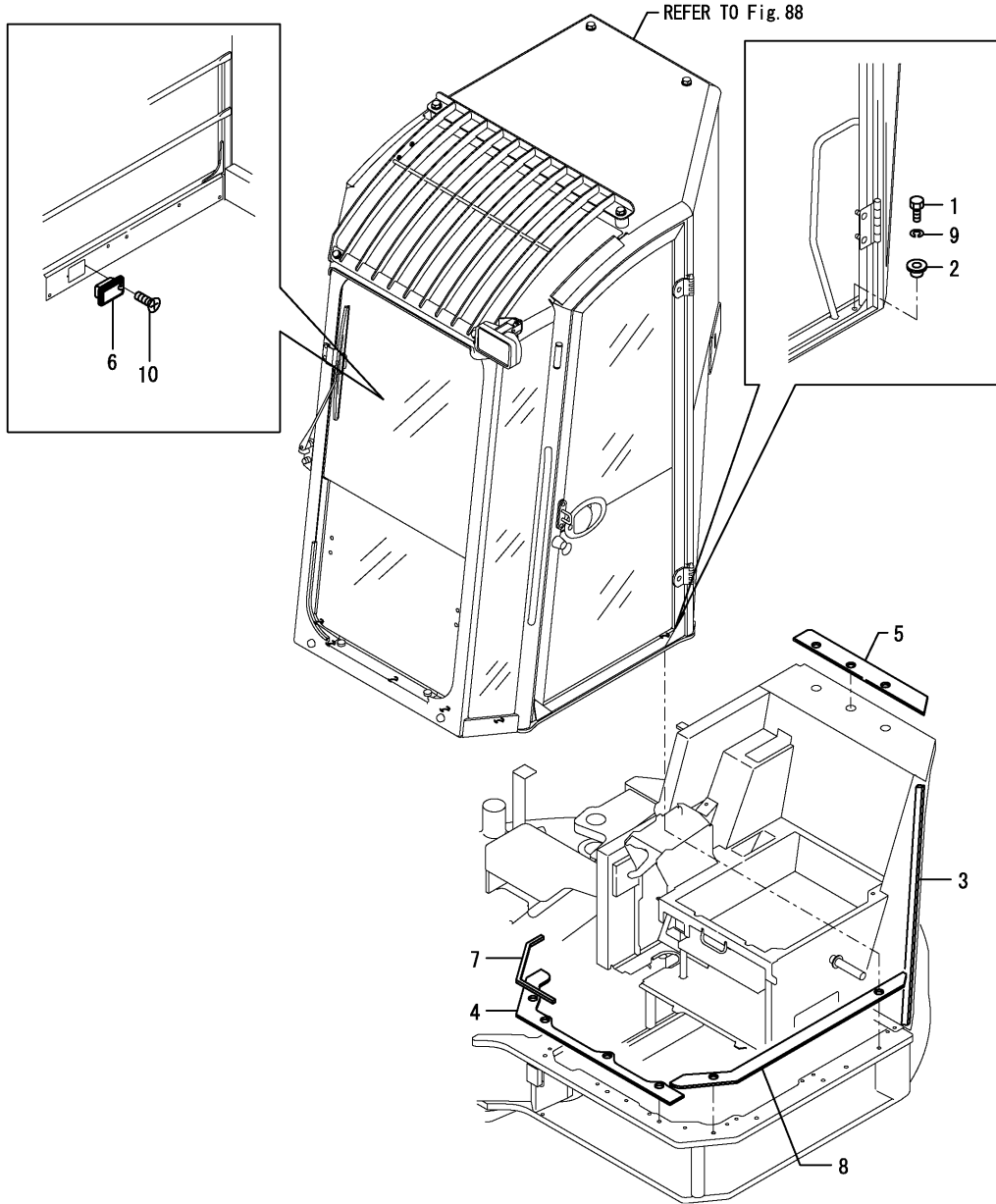
(1)Interchangeable by simultaneous replacement with No.12, 13, 14, 15 & 16.



Fig.45. CABIN MOUNT

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172433-64540	BOLT M12X55	9	9	9					
1-1	1	172433-64540	BOLT M12X55	11	11	11					K
		(A=M/#11163) (B=M/#11163) (C=M/#11163)									
2	1	172478-68500	GROMMET, 22X28X40	9	9	9					
2-1	1	172478-68501	GROMMET, 22X28X40	9	9	9					N
		(A=M/#10521) (B=M/#10521) (C=M/#10521)									
2-2	1	172478-68501	GROMMET, 22X28X40	11	11	11					K
		(A=M/#11163) (B=M/#11163) (C=M/#11163)									
3	1	172455-68820	SEAL, SPONGE	1	1	1					
4	1	172478-68850	PAD, ABSORBER	1	1	1					
5	1	172478-68860	PAD, ABSORBER	1	1	1					
6	1	172478-68900	ASHTRAY	1	1	1					
7	1	172478-68930	SEAL	1	1	1					
8	1	172478-68980	PAD, ABSORBER	1	1	1					
8-1	1	172478-68981	PAD, ABSORBER	1	1	1					N
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
9	1	22217-120000	WASHER, SPRING 12	9	9	9					
9-1	1	22217-120000	WASHER, SPRING 12	11	11	11					K
		(A=M/#11163) (B=M/#11163) (C=M/#11163)									
10	1	22867-400100	SCREW, 4X10	2	2	2					

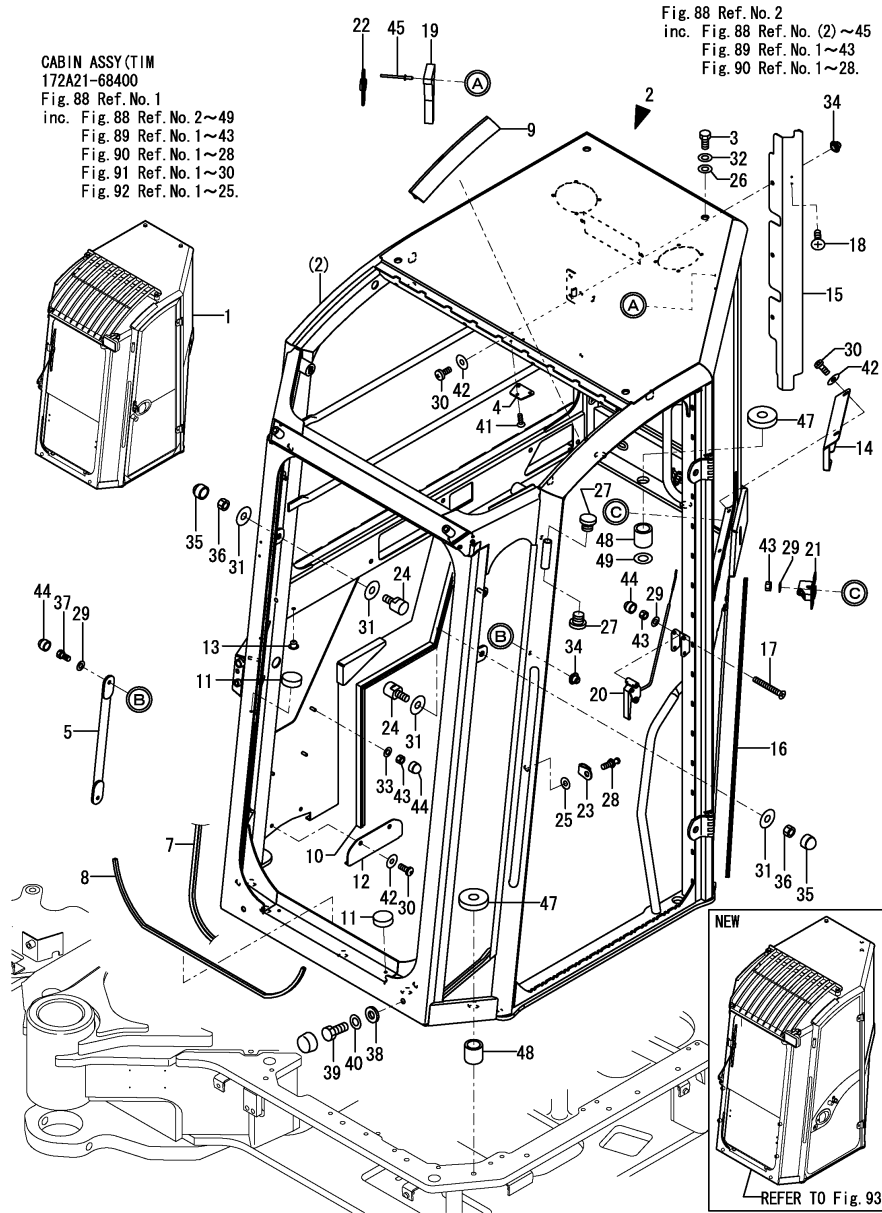
Remarks

\* TIM cabin specification is shown in Fig.88.

Fig.88. TIM CABIN(BODY)(ACCESSORY)(TO M12042)

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-68400	CABIN ASSY	1	1	1					3
2	2	172A21-68410	CABIN BODY ASSY	1	1	1					1
3	3	172456-68180	BOLT 16X30	2	2	2					
4	3	172456-68250	CAP	1	1	1					
5	3	172A21-68460	INSIDE HANDLE	1	1	1					
7	3	172A21-68520	SEAL, RUBBER 3200	1	1	1					
8	3	172A21-68530	SEAL, RUBBER 680	1	1	1					
9	3	172A21-68540	ANTI-DROP,230	1	1	1					
10	3	172A21-68550	SEAL, RUBBER 2550	1	1	1					
11	3	172456-68550	STOPPER	6	6	6					
12	3	172A21-68570	TRAP	1	1	1					
13	3	172456-68570	PLUG	2	2	2					
14	3	172A21-68590	COVER	1	1	1					
15	3	172A21-68600	COVER	1	1	1					
16	3	172A21-68620	SEAL, RUBBER 750	1	1	1					
17	3	172A21-68630	SCREW, M6X45	2	2	2					
18	3	172456-68650	SCREW, M3.5X12.7	4	4	4					
19	3	172456-68660	HAMMER	1	1	1					
20	3	172A21-68670	UNLOCK LEVER	1	1	1					
21	3	172A21-68680	LOCK,DOOR	1	1	1					
22	3	172456-68680	SEAL, BAND	1	1	1					
23	3	172456-68730	PROTECTOR L	1	1	1					
24	3	172A21-68740	LOCK,WINDSHIELD	2	2	2					
25	3	172456-68750	WASHER, 12X30X2	1	1	1					
26	3	172A21-68840	WASHER, 15X30X2	2	2	2					
27	3	172A21-68880	CAP	2	2	2					
28	3	172A21-68920	CATCH, DOOR	1	1	1					
29	3	172456-68930	WASHER	11	11	11					
30	3	172456-68950	SCREW, M6X16	15	15	15					
31	3	172A21-68980	WASHER, 9X25X2	4	4	4					
32	3	172A21-68990	WASHER	2	2	2					
33	3	172A21-69000	WASHER	3	3	3					
34	3	172A21-69020	NUT, M6	5	5	5					
35	3	172A21-69030	CAP, NUT M8	3	3	3					
36	3	172A21-69040	NUT, SELF LOCK	2	2	2					
37	3	172A21-69060	SCREW, M6X16	4	4	4					
38	3	172456-69240	CAP, NUT	2	2	2					
39	3	172456-69250	SCREW, M10X16	2	2	2					
40	3	172456-69260	WASHER 10.2X18.5X2.5	2	2	2					
41	3	172456-69310	SCREW, M4.8X16	3	3	3					
42	3	172456-69520	WASHER	15	15	15					
43	3	172456-69900	NUT, M6	11	11	11					
44	3	172456-69910	CAP, NUT M6	11	11	11					
45	3	172456-68670	RIVET 3.2X8	4	4	4					
47	2	172A21-69430	WASHER, 36X12X8	9	9	9					
48	2	172A21-69440	SPACER, 22X16X22	9	9	9					
49	2	172456-69930	WASHER 12X22.5X2.5	3	3	3					
50A	1	172978-03100	LABEL, LIFT	1	1	1					2
50B	1	172472-03240	LABEL,PIN US	1	1	1					2
50C	1	172437-03310	LABEL,SLOPE	1	1	1					2
50D	1	172437-03341	LABEL,TRANSPORT	1	1	1					2

Remarks

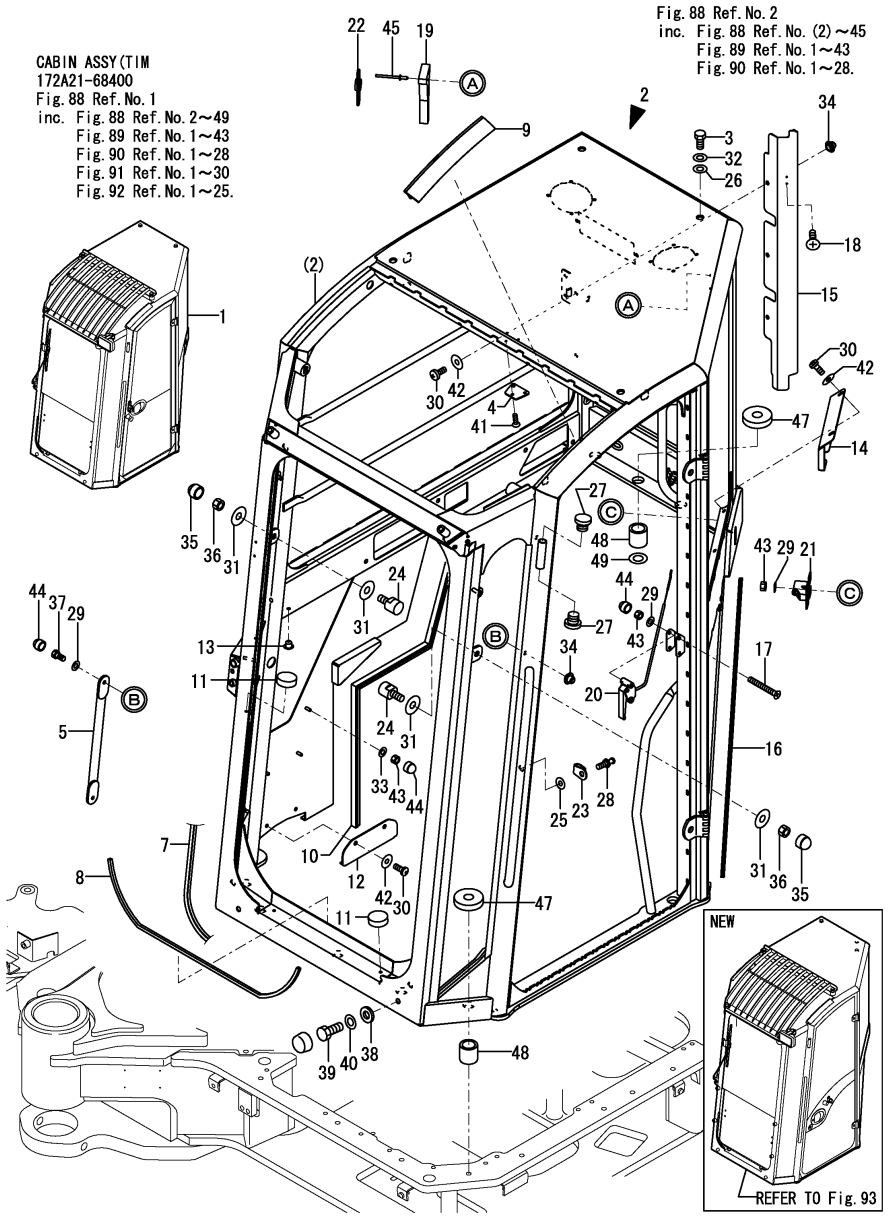
- (1)Attach the No.50A, 50B, 50C, 50D, 50E, 50F, 50G, 50H, 50I & 50J label to this part.
- (2)Label is not illustrated.
- (3)Interchangeable by Fig.93 No.1.

Fig.88. TIM CABIN(BODY)(ACCESSORY)(TO M12042)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

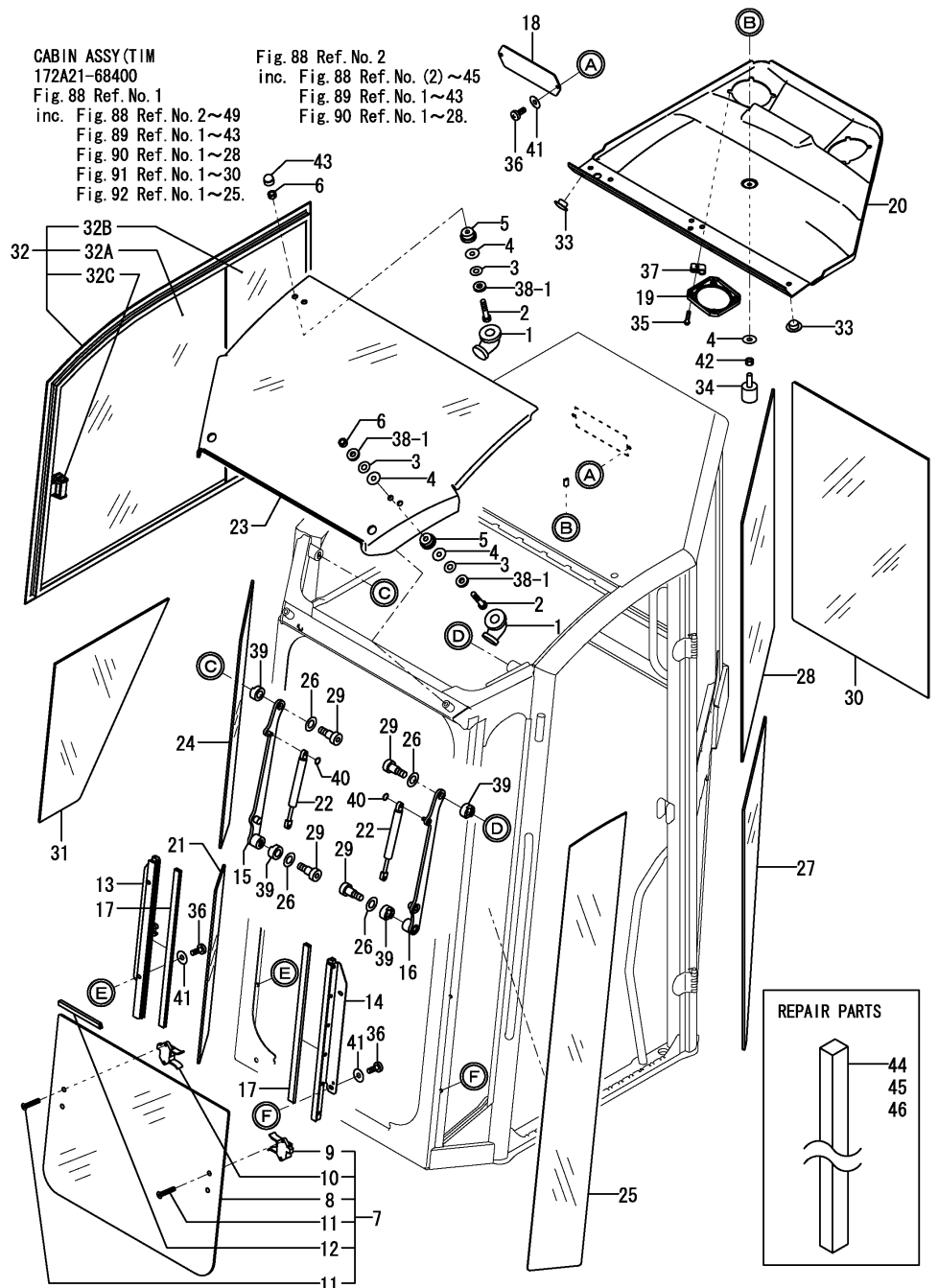
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50E	1	172437-03371	LABEL	1	1	1					2
50F	1	172437-03440	LABEL,ROPS	1	1	1					2
50G	1	172437-03450	LABEL,SEAT BELT	1	1	1					2
50H	1	172437-03550	LABEL,WINDOW	1	1	1					2
50I	1	172437-03600	LABEL	1	1	1					2
50J	1	172448-03600	LABEL,MANUAL US	1	1	1					2



Remarks  
 (1) Attach the No.50A, 50B, 50C, 50D, 50E, 50F, 50G, 50H, 50I & 50J label to this part.  
 (2) Label is not illustrated.  
 (3) Interchangeable by Fig.93 No.1.

Fig.89. TIM CABIN(GLASS)(TO M12042)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

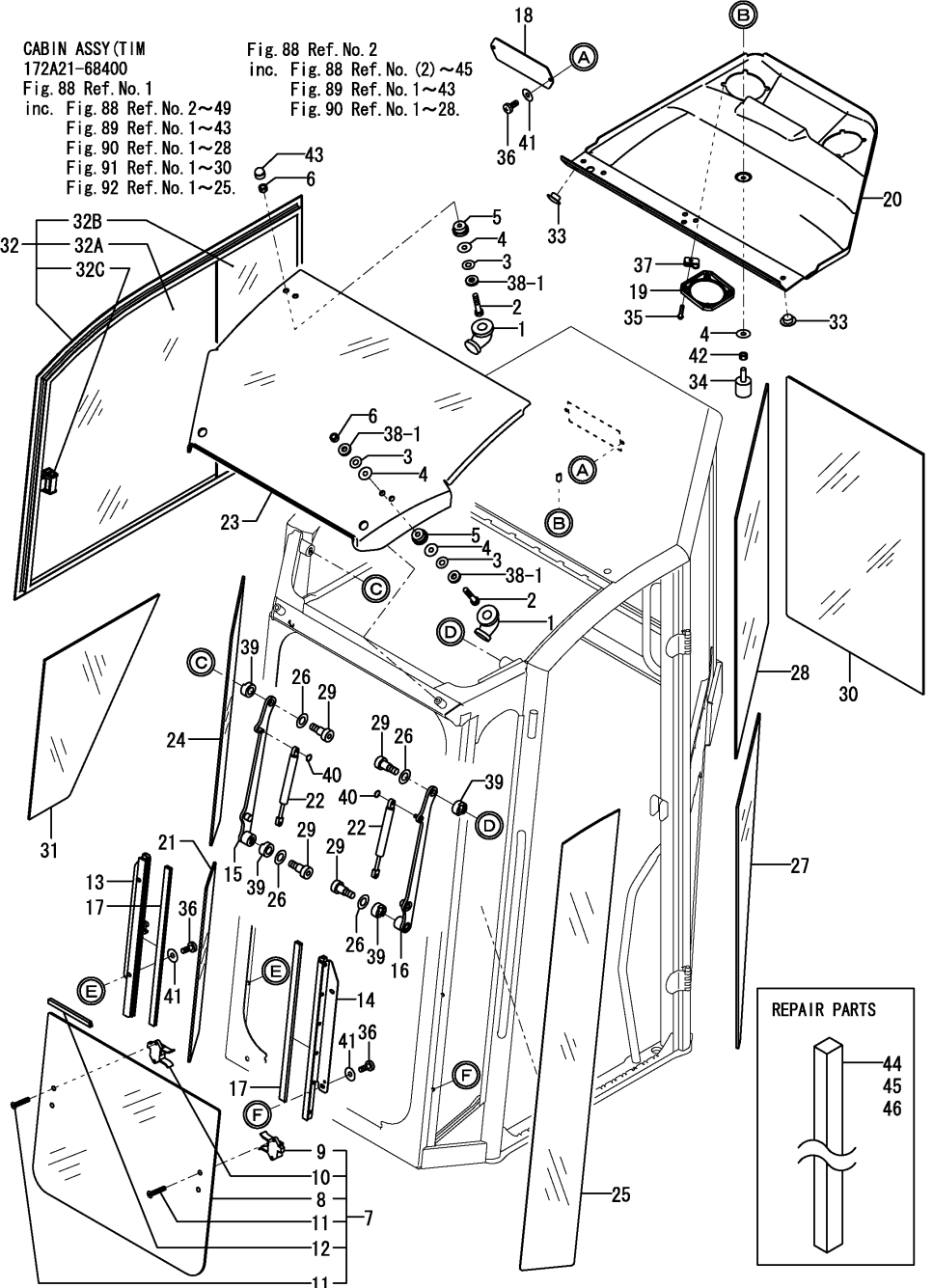
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172456-68110	CAP	4	4	4					
2	3	172456-68120	SCREW	4	4	4					
3	3	172456-68140	WASHER, 6	6	6	6					
4	3	172456-68150	WASHER, 6X18X1	7	7	7					
5	3	172456-68160	NUT, SEAL M6	4	4	4					
6	3	172456-68170	NUT, BRASS M6	4	4	4					
7	3	172A21-68420	GLASS ASSY	1	1	1					
8	4	172A21-68430	GLASS	1	1	1					
9	4	172456-69550	LOCK L, UNDER GLASS	1	1	1					
9-1	4	172456-69551	LOCK, L UNDER GLASS	1	1	1					N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
10	4	172456-69560	LOCK R, UNDER GLASS	1	1	1					
10-1	4	172456-69561	LOCK, R UNDER GLASS	1	1	1					N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
11	4	172456-69570	SCREW, M5X25	4	4	4					
12	4	172456-69580	SEAL, 590	1	1	1					
13	3	172A21-68440	RIGHT LOWER RAIL	1	1	1					
14	3	172A21-68450	LEFT LOWER RAIL	1	1	1					
15	3	172A21-68470	ARM ASSY	1	1	1					
16	3	172A21-68480	ARM ASSY	1	1	1					
17	3	172A21-68510	SEAL, NYLON 480	2	2	2					
18	3	172A21-68610	PLATE, RADIO	1	1	1					
19	3	172A21-68660	GRID, SPEAKER	2	2	2					
20	3	172A21-68700	INNER ROOF	1	1	1					
21	3	172A21-68720	GLASS	1	1	1					
22	3	172A21-68730	SPRING, GAS	2	2	2					
23	3	172A21-68760	GLASS, ROOF	1	1	1					
24	3	172A21-68770	GLASS	1	1	1					
25	3	172A21-68780	GLASS	1	1	1					
26	3	172456-68780	WASHER	4	4	4					
27	3	172A21-68790	GLASS	1	1	1					
28	3	172A21-68800	GLASS	1	1	1					
29	3	172456-68800	SCREW	4	4	4					
30	3	172A21-68810	GLASS	1	1	1					
31	3	172A21-68820	GLASS	1	1	1					
32	3	172A21-68830	GLASS ASSY	1	1	1					
32A	3	172A21-69470	GLASS, SLIDE	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
32B	3	172A21-69480	GLASS, SLIDE	1	1	1					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
32C	3	172A21-69490	CATCH ASSY	2	2	2					W
		(A=M/#10501) (B=M/#10501) (C=M/#10501)									
33	3	172A21-68870	CAP	5	5	5					
34	3	172A21-68890	STOP	1	1	1					
35	3	172A21-68910	SCREW, M3.9X19	8	8	8					
36	3	172456-68950	SCREW, M6X16	15	15	15					
37	3	172A21-68960	CLIP	8	8	8					
38-1	3	172456-68130	WASHER, 7X16X3	6	6	6					
39	3	172456-69420	SPACER, NYLON	4	4	4					
40	3	172456-69460	CIRCLIP	4	4	4					
41	3	172456-69520	WASHER	15	15	15					

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.89. TIM CABIN(GLASS)(TO M12042)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

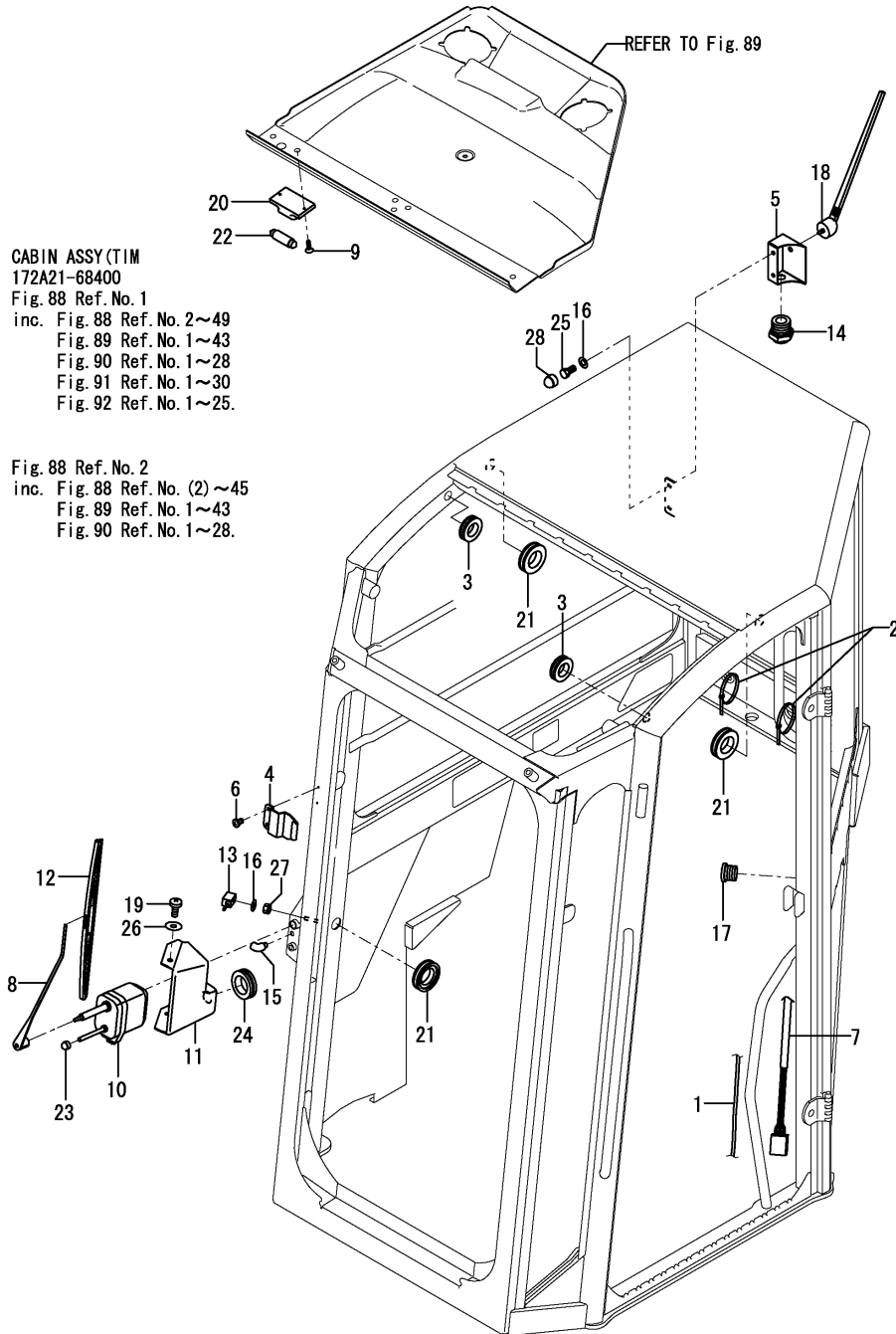


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	3	172456-69900	NUT, M6	11	11	11					
43	3	172456-69910	CAP, NUT M6	11	11	11					
44	1	172478-68600	SEAL, DAM	1	1	1					
45	1	172478-68610	SEAL, DAM	1	1	1					
46	1	172478-68620	SEAL, DAM	1	1	1					

Fig.90. TIM CABIN(ELECTRIC PARTS)(TO M12042)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



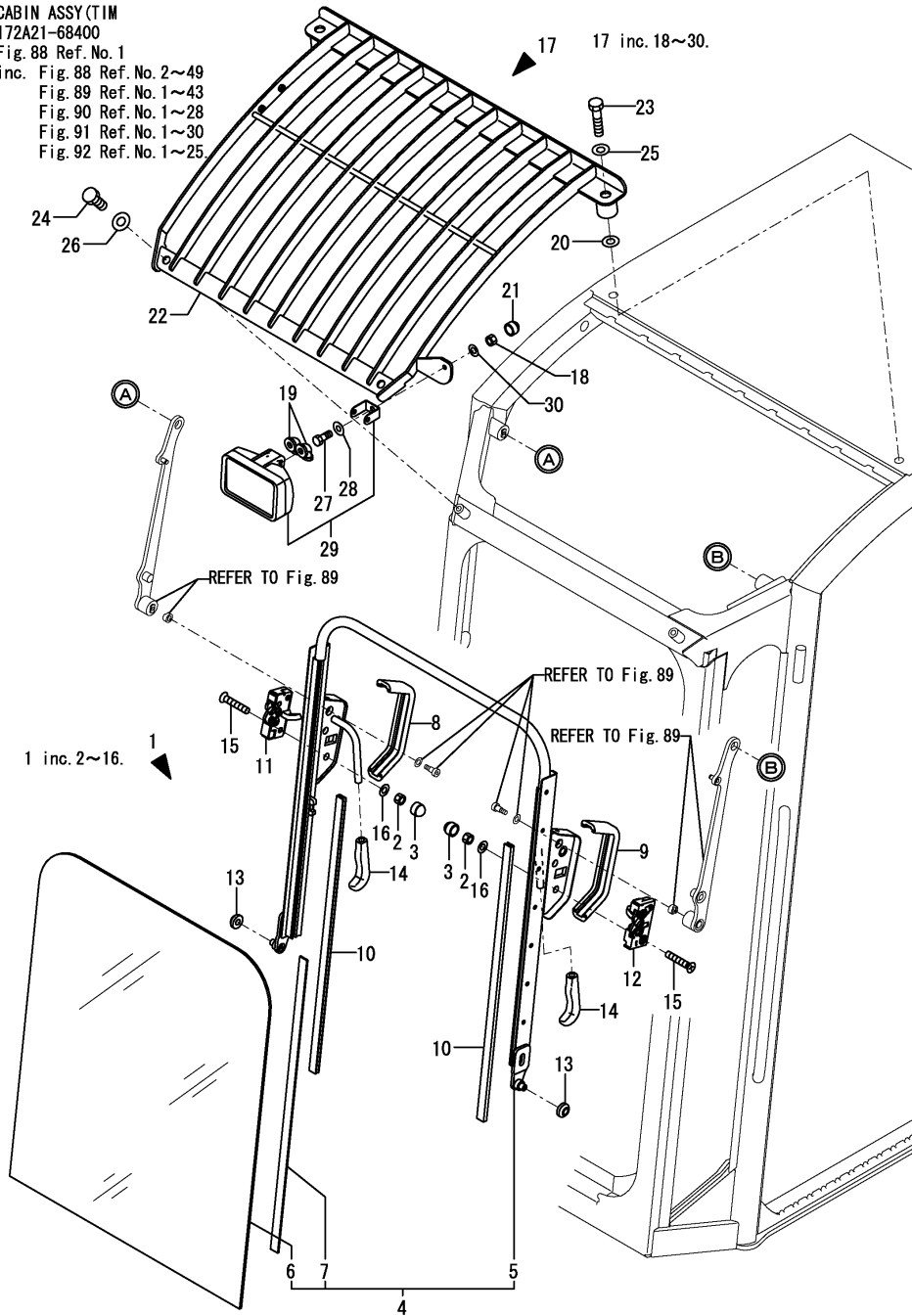
CABIN ASSY(TIM)  
 172A21-68400  
 Fig. 88 Ref.No. 1  
 inc. Fig. 88 Ref.No. 2~49  
 Fig. 89 Ref.No. 1~43  
 Fig. 90 Ref.No. 1~28  
 Fig. 91 Ref.No. 1~30  
 Fig. 92 Ref.No. 1~25.

Fig. 88 Ref.No. 2  
 inc. Fig. 88 Ref.No. (2)~45  
 Fig. 89 Ref.No. 1~43  
 Fig. 90 Ref.No. 1~28.

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172A21-68500	PIPE, WIPER	1	1	1					
2	3	172456-68520	CLAMP, CABLE	8	8	8					
3	3	172456-68530	GROMMET, 16X22X3	2	2	2					
4	3	172A21-68560	SUPPORT, WIPER	1	1	1					
5	3	172A21-68580	SUPPORT, ANTENNA	1	1	1					
6	3	172456-68610	SCREW, M5X8	2	2	2					
7	3	172A21-68640	WIRE HARNESS	1	1	1					
8	3	172A21-68650	ARM, WIPER	1	1	1					
9	3	172456-68650	SCREW, M3.5X12.7	4	4	4					
10	3	172A21-68710	WIPER MOTOR	1	1	1					
11	3	172A21-68750	COVER	1	1	1					
12	3	172A21-68850	WIPER	1	1	1					
13	3	172A21-68860	SUPPRESSOR	1	1	1					
14	3	172A21-68900	CONNECTOR	1	1	1					
15	3	172A21-68930	BEND UNION	1	1	1					
16	3	172456-68930	WASHER	11	11	11					
17	3	172A21-68940	GROMMET	1	1	1					
18	3	172A21-68950	ANTENNA	1	1	1					
19	3	172456-68950	SCREW, M6X16	15	15	15					
20	3	172456-68960	ROOM LAMP	1	1	1					
21	3	172A21-68970	GROMMET, 20X28X4	3	3	3					
22	3	172456-68970	LAMP	1	1	1					
23	3	172A21-69030	CAP, NUT M8	3	3	3					
24	3	172A21-69050	GROMMET	1	1	1					
25	3	172A21-69060	SCREW, M6X16	4	4	4					
26	3	172456-69520	WASHER	15	15	15					
27	3	172456-69900	NUT, M6	11	11	11					
28	3	172456-69910	CAP, NUT M6	11	11	11					

Fig.91. TIM CABIN(FRONT WINDOW)(TO M12042)

CABIN ASSY(TIM  
172A21-68400  
Fig. 88 Ref. No. 1  
inc. Fig. 88 Ref. No. 2~49  
Fig. 89 Ref. No. 1~43  
Fig. 90 Ref. No. 1~28  
Fig. 91 Ref. No. 1~30  
Fig. 92 Ref. No. 1~25



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

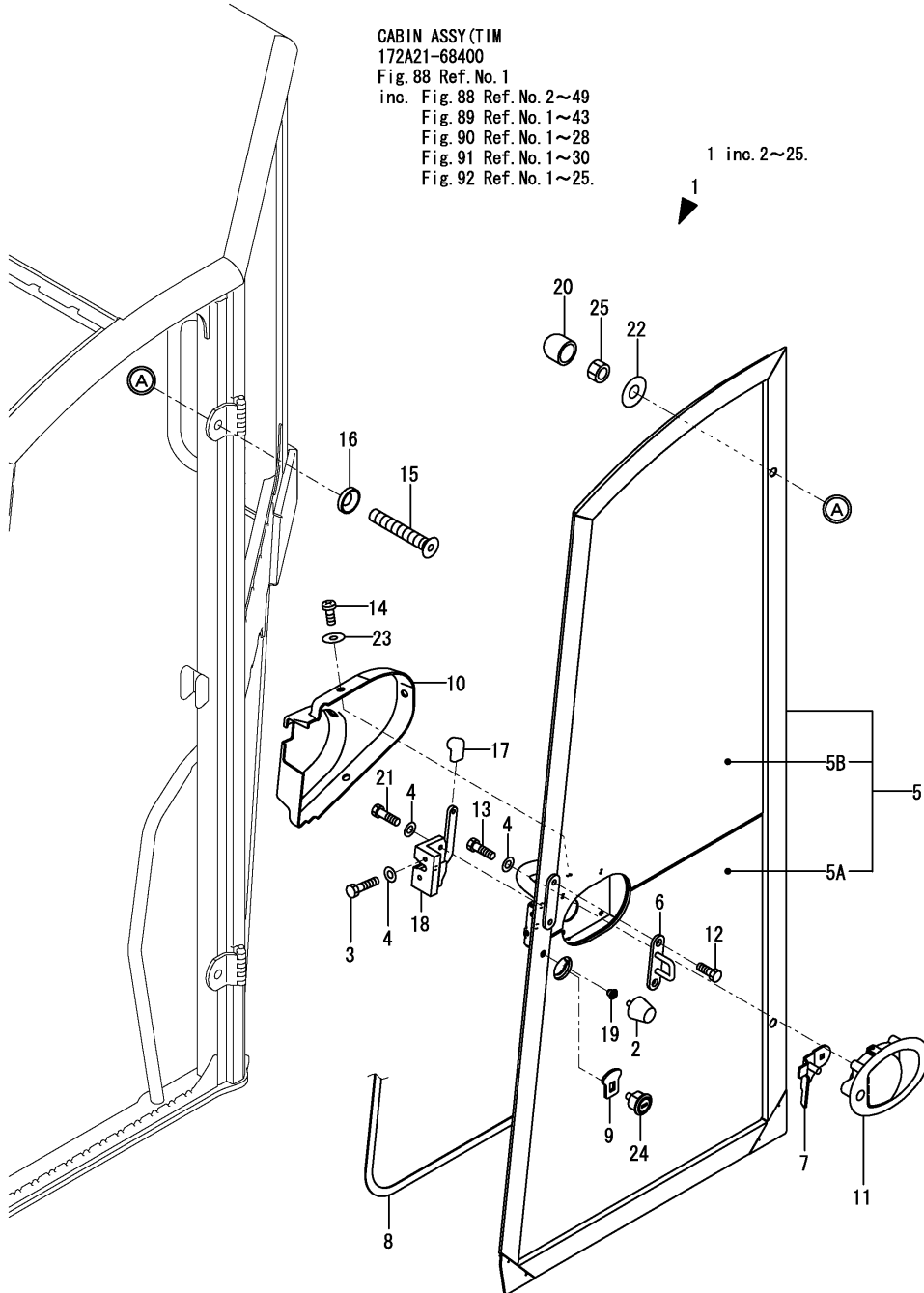
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A21-69070	GLASS ASSY	1	1	1					
2	3	172456-68100	NUT, M8	4	4	4					
3	3	172A21-69030	CAP, NUT M8	4	4	4					
4	3	172A21-69080	GLASS ASSY	1	1	1					
5	4	172A21-69090	FRAME,FRONT GLASS	1	1	1					
6	4	172A21-69100	GLASS	1	1	1					
7	4	172456-69700	SEAL	1	1	1					
8	3	172A21-69110	PROTECTION 260	1	1	1					
9	3	172A21-69120	PROTECTION,L 260	1	1	1					
10	3	172A21-69130	SEAL, NYLON 630	2	2	2					
11	3	172A21-69140	LOCK,RIGHT	1	1	1					
12	3	172A21-69150	LOCK,LEFT	1	1	1					
13	3	172A21-69160	BUSH	2	2	2					
14	3	172456-69380	GRIP	2	2	2					
15	3	172456-69840	SCREW, M8X40	4	4	4					
16	3	172456-69990	WASHER, 8	4	4	4					
17	2	172A21-69170	GUARD ASSY, ROOF	1	1	1					
18	3	172456-68100	NUT, M8	1	1	1					
19	3	172456-68110	CAP	2	2	2					
20	3	172A21-68840	WASHER, 15X30X2	2	2	2					
21	3	172A21-69030	CAP, NUT M8	1	1	1					
22	3	172A21-69180	GUARD, ROOF	1	1	1					
23	3	172A21-69190	BOLT 16X70	2	2	2					
24	3	172A21-69200	BOLT 12X20	2	2	2					
25	3	172A21-69210	WASHER	2	2	2					
26	3	172A21-69220	WASHER	2	2	2					
27	3	172A21-69230	BOLT 8X20	1	1	1					
28	3	172456-69760	WASHER, 8X19X1.5	1	1	1					
29	3	172456-69970	WORK LAMP	1	1	1					
30	3	172456-69990	WASHER, 8	1	1	1					

Fig.92. TIM CABIN DOOR (TO M12042)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



CABIN ASSY (TIM  
 172A21-68400  
 Fig. 88 Ref. No. 1  
 inc. Fig. 88 Ref. No. 2~49  
 Fig. 89 Ref. No. 1~43  
 Fig. 90 Ref. No. 1~28  
 Fig. 91 Ref. No. 1~30  
 Fig. 92 Ref. No. 1~25.

1 inc. 2~25.

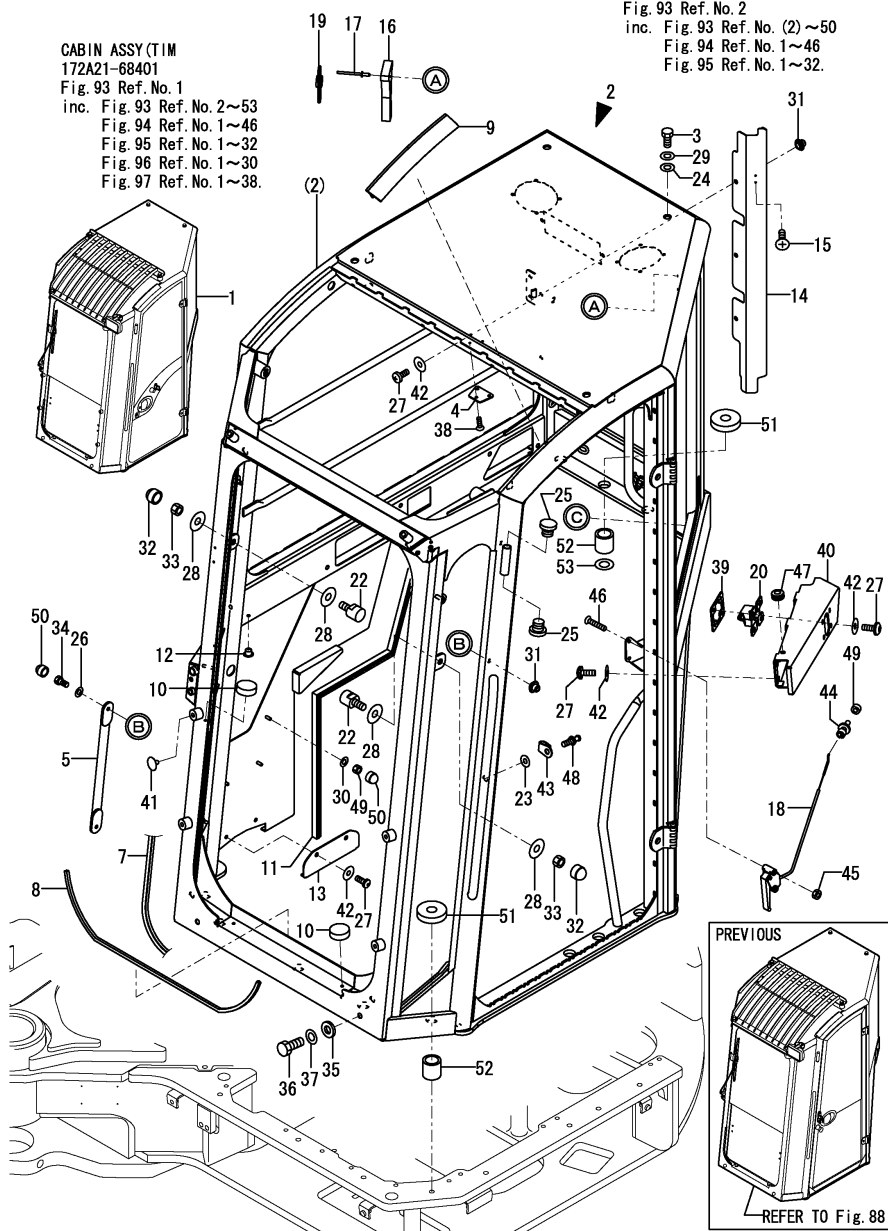
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A21-69240	DOOR ASSY	1	1	1					
2	3	172456-68700	STOPPER, DOOR	1	1	1					
3	3	172456-68890	SCREW, M6X25	2	2	2					
4	3	172456-68930	WASHER	8	8	8					
5	3	172A21-69250	DOOR ASSY	1	1	1					
5A	4	172A21-69450	GLASS	1	1	1					W
		(A=M/#11107) (B=M/#11107) (C=M/#11107)									
5B	4	172A21-69460	GLASS	1	1	1					W
		(A=M/#11107) (B=M/#11107) (C=M/#11107)									
6	3	172A21-69260	HOOK,DOOR	1	1	1					
7	3	172A21-69270	BRACKET	1	1	1					
8	3	172A21-69280	SEAL, RUBBER 4100	1	1	1					
9	3	172A21-69290	LATCH	1	1	1					
10	3	172A21-69300	COVER, LATCH	1	1	1					
11	3	172A21-69310	HANDLE	1	1	1					
12	3	172A21-69320	SCREW, M6X16	2	2	2					
13	3	172A21-69330	SCREW, M6X20	4	4	4					
14	3	172A21-69340	SCREW, M6X16	3	3	3					
15	3	172A21-69350	SCREW, M10X60	2	2	2					
16	3	172A21-69360	WASHER	2	2	2					
17	3	172A21-69370	LOCK,SWITCH	1	1	1					
18	3	172A21-69380	LOCK,DOOR	1	1	1					
19	3	172A21-69390	NUT, M8	1	1	1					
20	3	172A21-69400	CAP, NUT M10	2	2	2					
21	3	172A21-69410	SCREW, M6X20	2	2	2					
22	3	172A21-69420	WASHER, 11X27X2	2	2	2					
23	3	172456-69520	WASHER	3	3	3					
24	3	172456-69780	LOCK, KEY	1	1	1					
25	3	172456-69870	NUT, M10	2	2	2					



Fig.93. TIM CABIN(BODY)(ACCESSORY)(FROM M12043)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-68401	CABIN ASSY	1	1	1					
2	2	172A21-68411	BODY ASSY, CABIN	1	1	1					1
3	3	172456-68180	BOLT 16X30	2	2	2					
4	3	172456-68250	CAP	1	1	1					
5	3	172A21-68460	INSIDE HANDLE	1	1	1					
7	3	172A21-68520	SEAL, RUBBER 3200	1	1	1					
8	3	172A21-68530	SEAL, RUBBER 680	1	1	1					
9	3	172A21-68540	ANTI-DROP,230	1	1	1					
10	3	172456-68550	STOPPER	6	6	6					
11	3	172A21-68550	SEAL, RUBBER 2550	1	1	1					
12	3	172456-68570	PLUG	2	2	2					
13	3	172A21-68570	TRAP	1	1	1					
14	3	172A21-68600	COVER	1	1	1					
15	3	172456-68650	SCREW, M3.5X12.7	2	2	2					
16	3	172456-68660	HAMMER	1	1	1					
17	3	172456-68670	RIVET 3.2X8	2	2	2					
18	3	172A21-68670	UNLOCK LEVER	1	1	1					
19	3	172456-68680	SEAL, BAND	1	1	1					
20	3	172A21-68680	LOCK,DOOR	1	1	1					
22	3	172A21-68740	LOCK,WINDSHIELD	2	2	2					
23	3	172456-68750	WASHER, 12X30X2	1	1	1					
24	3	172A21-68840	WASHER, 15X30X2	2	2	2					
25	3	172A21-68880	CAP	2	2	2					
26	3	172456-68930	WASHER	5	5	5					
27	3	172456-68950	SCREW, M6X16	15	15	15					
28	3	172A21-68980	WASHER, 9X25X2	4	4	4					
29	3	172A21-68990	WASHER	2	2	2					
30	3	172A21-69000	WASHER	3	3	3					
31	3	172A21-69020	NUT, M6	5	5	5					
32	3	172A21-69030	CAP, NUT M8	2	2	2					
33	3	172A21-69040	NUT, SELF LOCK	2	2	2					
34	3	172A21-69060	SCREW, M6X16	2	2	2					
35	3	172456-69240	CAP, NUT	2	2	2					
36	3	172456-69250	SCREW, M10X16	2	2	2					
37	3	172456-69260	WASHER 10.2X18.5X2.5	2	2	2					
38	3	172456-69310	SCREW, M4.8X16	3	3	3					
39	3	172A21-69500	RETAINER	1	1	1					
40	3	172A21-69510	BRACKET	1	1	1					
41	3	172A21-69520	PLUG	4	4	4					
42	3	172456-69520	WASHER	15	15	15					
43	3	172A21-69560	PROTECTION	1	1	1					
44	3	172A21-69570	CABLE	1	1	1					
45	3	172A21-69590	NUT, M5	2	2	2					
46	3	172A21-69600	SCREW, M5X30	2	2	2					
47	3	172A21-69610	GROMMET	1	1	1					
48	3	172A21-69620	CATCH, DOOR	1	1	1					
49	3	172456-69900	NUT, M6	4	4	4					
50	3	172456-69910	CAP, NUT M6	5	5	5					
51	2	172A21-69430	WASHER, 36X12X8	11	11	11					
52	2	172A21-69440	SPACER, 22X16X22	11	11	11					
53	2	172456-69930	WASHER 12X22.5X2.5	3	3	3					

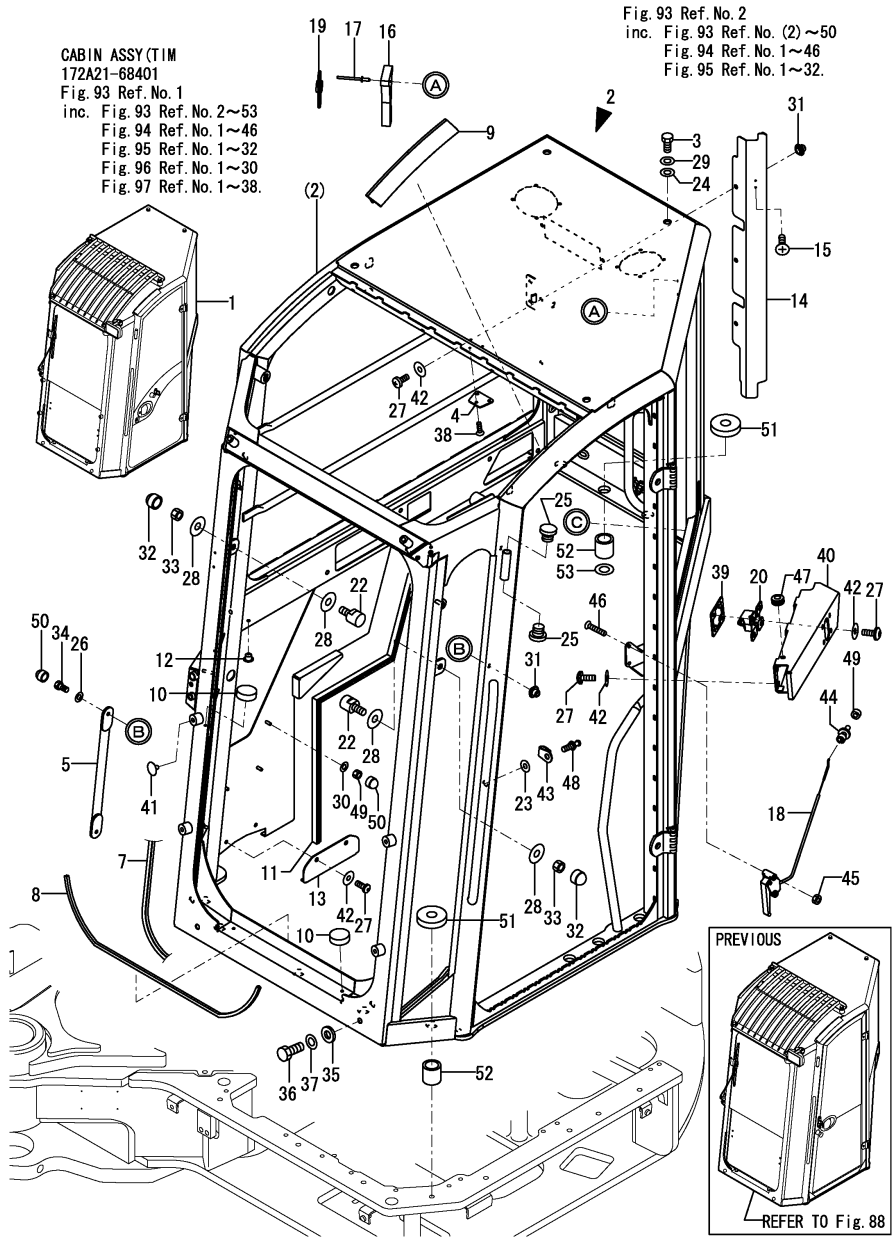
Remarks  
 (1)Attach the No.54A, 54B, 54C, 54D & 50E label to this part.  
 (2)Label is not illustrated.

Fig.93. TIM CABIN(BODY)(ACCESSORY)(FROM M12043)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
54A	1	172437-03441	LABEL, ROPS	1	1	1					2
54B	1	172437-03301	LABEL, MANUAL US	1	1	1					2
54B-1	1	172437-03302	LABEL, MANUAL	1	1	1					N 2
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
54C	1	172437-03311	LABEL, SLOPE US	1	1	1					2
54C-1	1	172437-03312	LABEL, SLOPE	1	1	1					N 2
		(A=M/#11504) (B=M/#11504) (C=M/#11504)									
54D	1	172437-03372	LABEL, NEUTRAL	1	1	1					2
54E	1	172437-03601	LABEL, 2-WAY US	1	1	1					2



Remarks  
 (1) Attach the No.54A, 54B, 54C, 54D & 50E label to this part.  
 (2) Label is not illustrated.

Fig.94. TIM CABIN(GLASS)(FROM M12043)

CABIN ASSY (TIM  
172A21-68401

Fig. 93 Ref. No. 1

inc. Fig. 93 Ref. No. 2~53

Fig. 94 Ref. No. 1~46

Fig. 95 Ref. No. 1~32

Fig. 96 Ref. No. 1~30

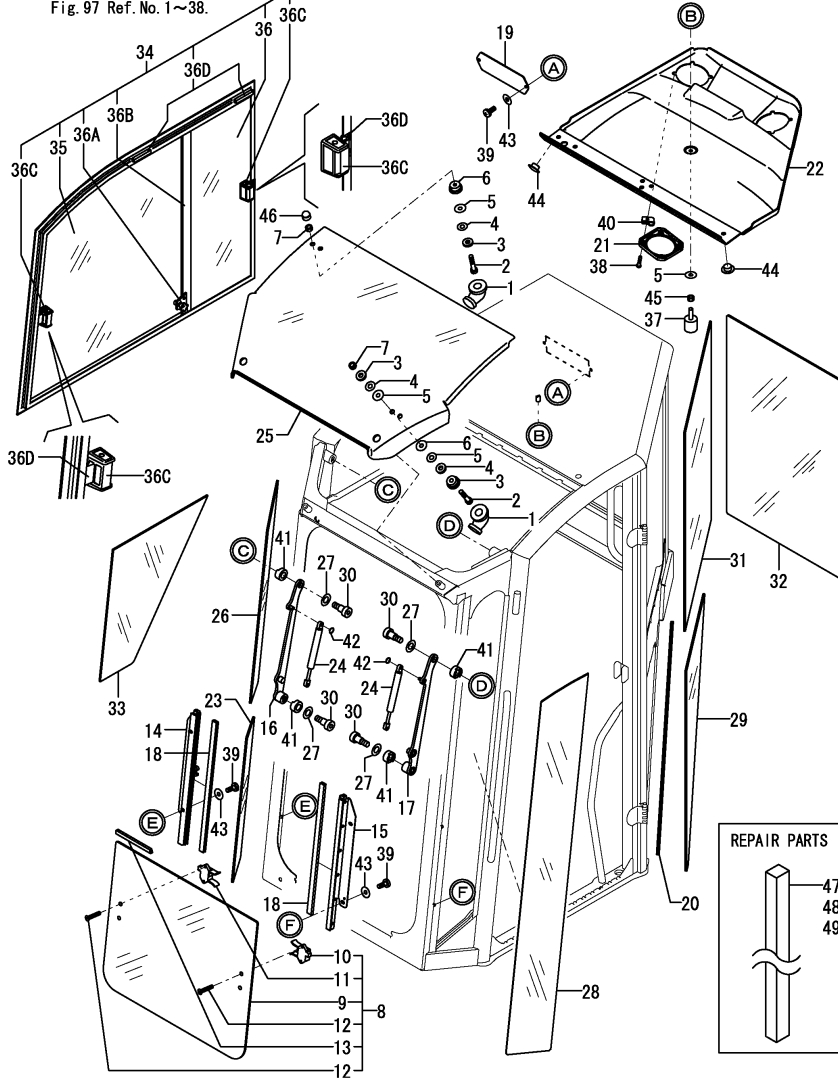
Fig. 97 Ref. No. 1~38.

Fig. 93 Ref. No. 2

inc. Fig. 93 Ref. No. (2)~50

Fig. 94 Ref. No. 1~46

Fig. 95 Ref. No. 1~32.



Remarks

(1) Attach the No.50A & 50B label to this part.

(2) Attach the No.51A & 51B label to this part.

(3) Label is not illustrated.

(A)=VIO75-A(US)

(B)=VIO75-A(AS)

(C)=VIO75-A(NZ)

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172456-68110	CAP	4	4	4					
2	3	172456-68120	SCREW	4	4	4					
3	3	172456-68130	WASHER, 7X16X3	6	6	6					
4	3	172456-68140	WASHER, 6	6	6	6					
5	3	172456-68150	WASHER, 6X18X1	7	7	7					
6	3	172456-68160	NUT, SEAL M6	4	4	4					
7	3	172456-68170	NUT, BRASS M6	4	4	4					
8	3	172A21-68420	GLASS ASSY	1	1	1					
9	4	172A21-68430	GLASS	1	1	1					
10	4	172456-69550	LOCK L, UNDER GLASS	1	1	1					
10-1	4	172456-69551	LOCK, L UNDER GLASS	1	1	1					N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
11	4	172456-69560	LOCK R, UNDER GLASS	1	1	1					
11-1	4	172456-69561	LOCK, R UNDER GLASS	1	1	1					N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
12	4	172456-69570	SCREW, M5X25	4	4	4					
13	4	172456-69580	SEAL, 590	1	1	1					
14	3	172A21-68440	RIGHT LOWER RAIL	1	1	1					
15	3	172A21-68450	LEFT LOWER RAIL	1	1	1					
16	3	172A21-68470	ARM ASSY	1	1	1					
17	3	172A21-68480	ARM ASSY	1	1	1					
18	3	172A21-68510	SEAL, NYLON 480	2	2	2					
19	3	172A21-68610	PLATE, RADIO	1	1	1					
20	3	172A21-68620	SEAL, RUBBER 750	1	1	1					
21	3	172A21-68660	GRID, SPEAKER	2	2	2					
22	3	172A21-68700	INNER ROOF	1	1	1					
23	3	172A21-68720	GLASS	1	1	1					
24	3	172A21-68730	SPRING, GAS	2	2	2					
25	3	172A21-68760	GLASS, ROOF	1	1	1					
26	3	172A21-68770	GLASS	1	1	1					
27	3	172456-68780	WASHER	4	4	4					
28	3	172A21-68780	GLASS	1	1	1					
29	3	172A21-68791	GLASS	1	1	1					
30	3	172456-68800	SCREW	4	4	4					
31	3	172A21-68800	GLASS	1	1	1					
32	3	172A21-68810	GLASS	1	1	1					1
33	3	172A21-68820	GLASS	1	1	1					
34	3	172A21-68831	GLASS ASSY	1	1	1					2
35	4	172A21-69850	GLASS ASSY	1	1	1					
36	4	172A21-69860	GLASS ASSY	1	1	1					
36A	4	172A21-69870	STOPPER	1	1	1					
36B	4	172A21-69880	PARTS ASSY	1	1	1					
36C	4	172A21-69890	LATCH	2	2	2					
36D	4	172A21-69900	CATCH ASSY	1	1	1					
37	3	172A21-68890	STOP	1	1	1					
38	3	172A21-68910	SCREW, M3.9X19	8	8	8					
39	3	172456-68950	SCREW, M6X16	6	6	6					
40	3	172A21-68960	CLIP	8	8	8					
41	3	172456-69420	SPACER, NYLON	4	4	4					
42	3	172456-69460	CIRCLIP	4	4	4					
43	3	172456-69520	WASHER	6	6	6					

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

++ CONTINUE ++

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Fig.94. TIM CABIN(GLASS)(FROM M12043)

CABIN ASSY(TIM  
172A21-68401

Fig. 93 Ref. No. 1

inc. Fig. 93 Ref. No. 2~53

Fig. 94 Ref. No. 1~46

Fig. 95 Ref. No. 1~32

Fig. 96 Ref. No. 1~30

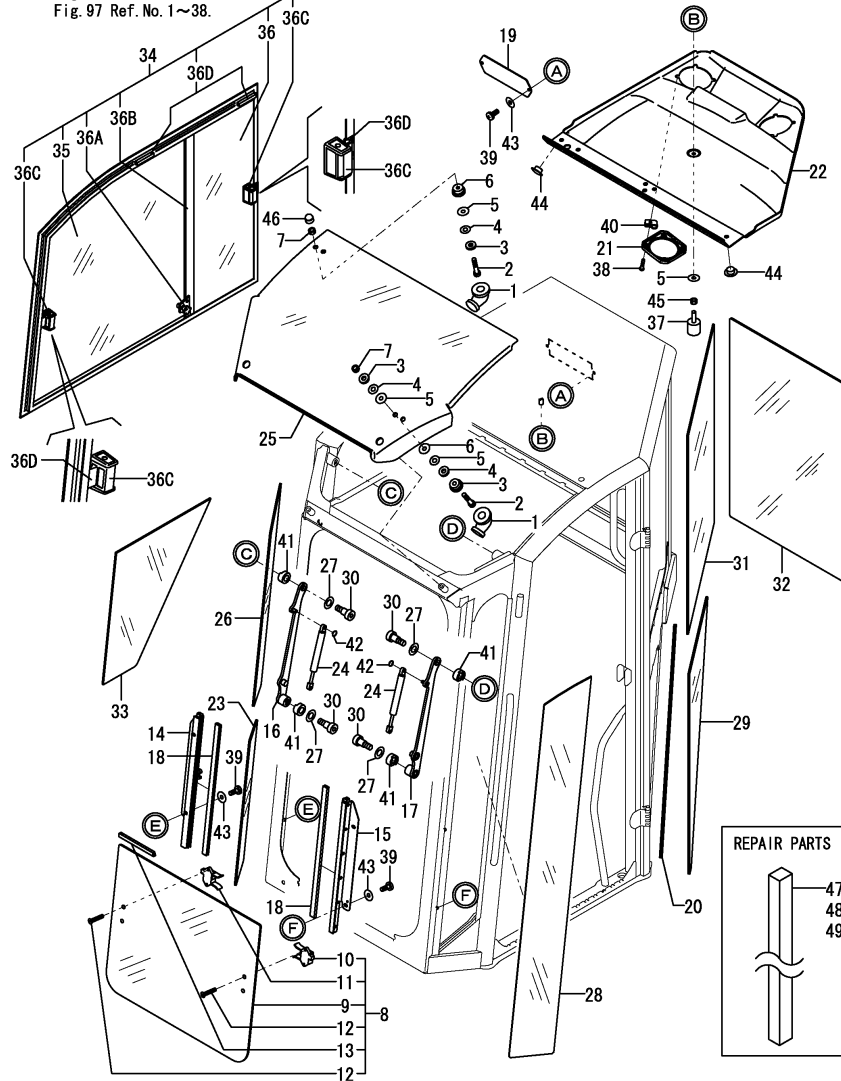
Fig. 97 Ref. No. 1~38.

Fig. 93 Ref. No. 2

inc. Fig. 93 Ref. No. (2)~50

Fig. 94 Ref. No. 1~46

Fig. 95 Ref. No. 1~32.



(A)=VIO75-A(US)

(B)=VIO75-A(AS)

(C)=VIO75-A(NZ)

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44	3	172A21-69580	CAP	5	5	5					
45	3	172456-69900	NUT, M6	1	1	1					
46	3	172456-69910	CAP, NUT M6	2	2	2					
47	1	172478-68600	SEAL, DAM	1	1	1					
48	1	172478-68610	SEAL, DAM	1	1	1					
49	1	172478-68620	SEAL, DAM	1	1	1					
50A	1	172978-03101	LABEL, LIFT Q US	1	1	1					3
50B	1	172472-03241	LABEL, PIN US	1	1	1					3
51A	1	172437-03342	LABEL, TRANSPORT US	1	1	1					3
51A-1	1	172437-03343	LABEL, TRANSPORT	1	1	1					N 3
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
51B	1	172437-03451	LABEL, SEAT BELT	1	1	1					3

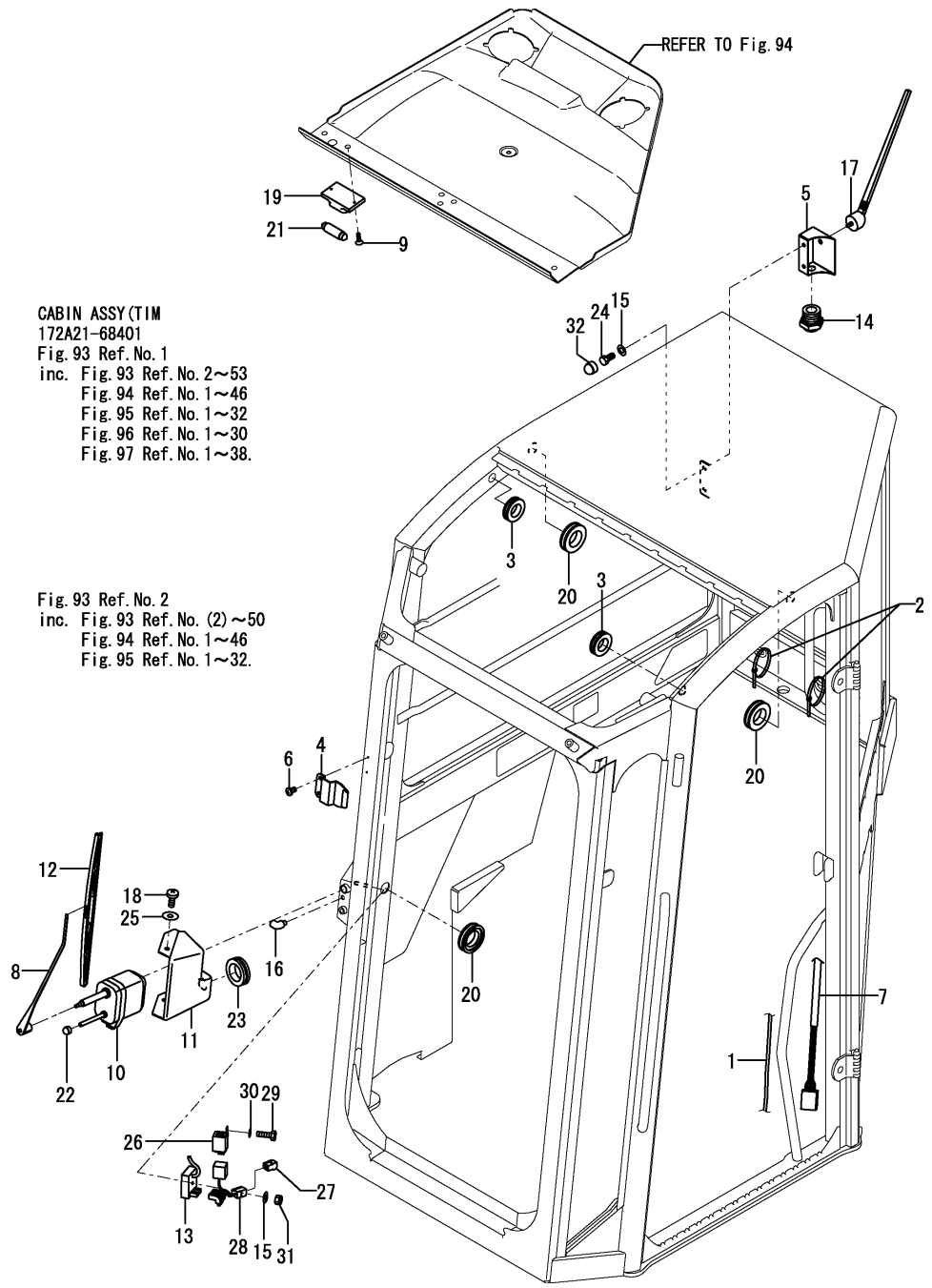
Remarks

- (1) Attach the No.50A & 50B label to this part.
- (2) Attach the No.51A & 51B label to this part.
- (3) Label is not illustrated.

Fig.95. TIM CABIN(ELECTRIC PARTS)(FROM M12043)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



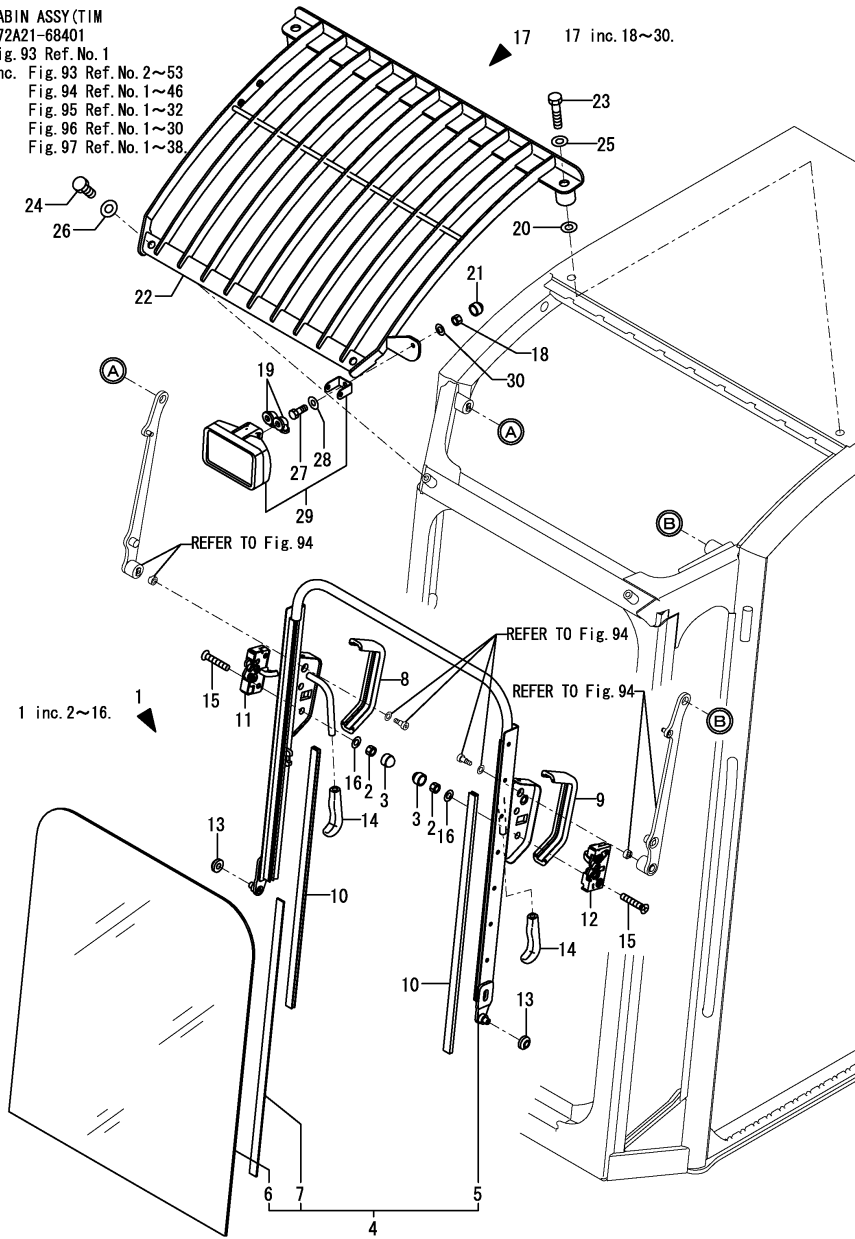
CABIN ASSY(TIM  
 172A21-68401  
 Fig.93 Ref.No.1  
 inc. Fig.93 Ref.No.2~53  
 Fig.94 Ref.No.1~46  
 Fig.95 Ref.No.1~32  
 Fig.96 Ref.No.1~30  
 Fig.97 Ref.No.1~38.

Fig.93 Ref.No.2  
 inc. Fig.93 Ref.No.(2)~50  
 Fig.94 Ref.No.1~46  
 Fig.95 Ref.No.1~32.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172A21-68500	PIPE, WIPER	1	1	1					
2	3	172456-68520	CLAMP, CABLE	8	8	8					
3	3	172456-68530	GROMMET, 16X22X3	2	2	2					
4	3	172A21-68560	SUPPORT, WIPER	1	1	1					
5	3	172A21-68580	SUPPORT, ANTENNA	1	1	1					
6	3	172456-68610	SCREW, M5X8	2	2	2					
7	3	172A21-68640	WIRE HARNESS	1	1	1					
8	3	172A21-68650	ARM, WIPER	1	1	1					
9	3	172456-68650	SCREW, M3.5X12.7	2	2	2					
10	3	172A21-68710	WIPER MOTOR	1	1	1					
11	3	172A21-68750	COVER	1	1	1					
12	3	172A21-68850	WIPER	1	1	1					
13	3	172A21-68860	SUPPRESSOR	1	1	1					
14	3	172A21-68900	CONNECTOR	1	1	1					
15	3	172456-68930	WASHER	1	1	1					
16	3	172A21-68930	BEND UNION	1	1	1					
17	3	172A21-68950	ANTENNA	1	1	1					
18	3	172456-68950	SCREW, M6X16	2	2	2					
19	3	172456-68960	ROOM LAMP	1	1	1					
20	3	172A21-68970	GROMMET, 20X28X4	3	3	3					
21	3	172456-68970	LAMP	1	1	1					
22	3	172A21-69030	CAP, NUT M8	1	1	1					
23	3	172A21-69050	GROMMET	1	1	1					
24	3	172A21-69060	SCREW, M6X16	2	2	2					
25	3	172456-69520	WASHER	2	2	2					
26	3	172A21-69530	RELAY	1	1	1					
27	3	172A21-69540	CONNECTOR	1	1	1					
28	3	172A21-69550	HARNESS	1	1	1					
29	3	172456-69670	SCREW, M5X15	1	1	1					
30	3	172456-69680	WASHER	1	1	1					
31	3	172456-69900	NUT, M6	1	1	1					
32	3	172456-69910	CAP, NUT M6	2	2	2					

Fig.96. TIM CABIN(FRONT WINDOW)(FROM M12043)

CABIN ASSY(TIM  
172A21-68401  
Fig. 93 Ref. No. 1  
inc. Fig. 93 Ref. No. 2~53  
Fig. 94 Ref. No. 1~46  
Fig. 95 Ref. No. 1~32  
Fig. 96 Ref. No. 1~30  
Fig. 97 Ref. No. 1~38.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A21-69070	GLASS ASSY	1	1	1					
2	3	172456-68100	NUT, M8	4	4	4					
3	3	172A21-69030	CAP, NUT M8	4	4	4					
4	3	172A21-69080	GLASS ASSY	1	1	1					
5	4	172A21-69090	FRAME,FRONT GLASS	1	1	1					
6	4	172A21-69100	GLASS	1	1	1					1
7	4	172456-69700	SEAL	1	1	1					
8	3	172A21-69110	PROTECTION 260	1	1	1					
9	3	172A21-69120	PROTECTION,L 260	1	1	1					
10	3	172A21-69130	SEAL, NYLON 630	2	2	2					
11	3	172A21-69140	LOCK,RIGHT	1	1	1					
12	3	172A21-69150	LOCK,LEFT	1	1	1					
13	3	172A21-69160	BUSH	2	2	2					
14	3	172456-69380	GRIP	2	2	2					
15	3	172456-69840	SCREW, M8X40	4	4	4					
16	3	172456-69990	WASHER, 8	4	4	4					
17	2	172A21-69170	GUARD ASSY, ROOF	1	1	1					
18	3	172456-68100	NUT, M8	1	1	1					
19	3	172456-68110	CAP	2	2	2					
20	3	172A21-68840	WASHER, 15X30X2	2	2	2					
21	3	172A21-69030	CAP, NUT M8	1	1	1					
22	3	172A21-69180	GUARD, ROOF	1	1	1					
23	3	172A21-69190	BOLT 16X70	2	2	2					
24	3	172A21-69200	BOLT 12X20	2	2	2					
25	3	172A21-69210	WASHER	2	2	2					
26	3	172A21-69220	WASHER	2	2	2					
27	3	172A21-69230	BOLT 8X20	1	1	1					
28	3	172456-69760	WASHER, 8X19X1.5	1	1	1					
29	3	172456-69970	WORK LAMP	1	1	1					
30	3	172456-69990	WASHER, 8	1	1	1					
31A	1	172437-03551	LABEL, WINDOW US	1	1	1					2

Remarks

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

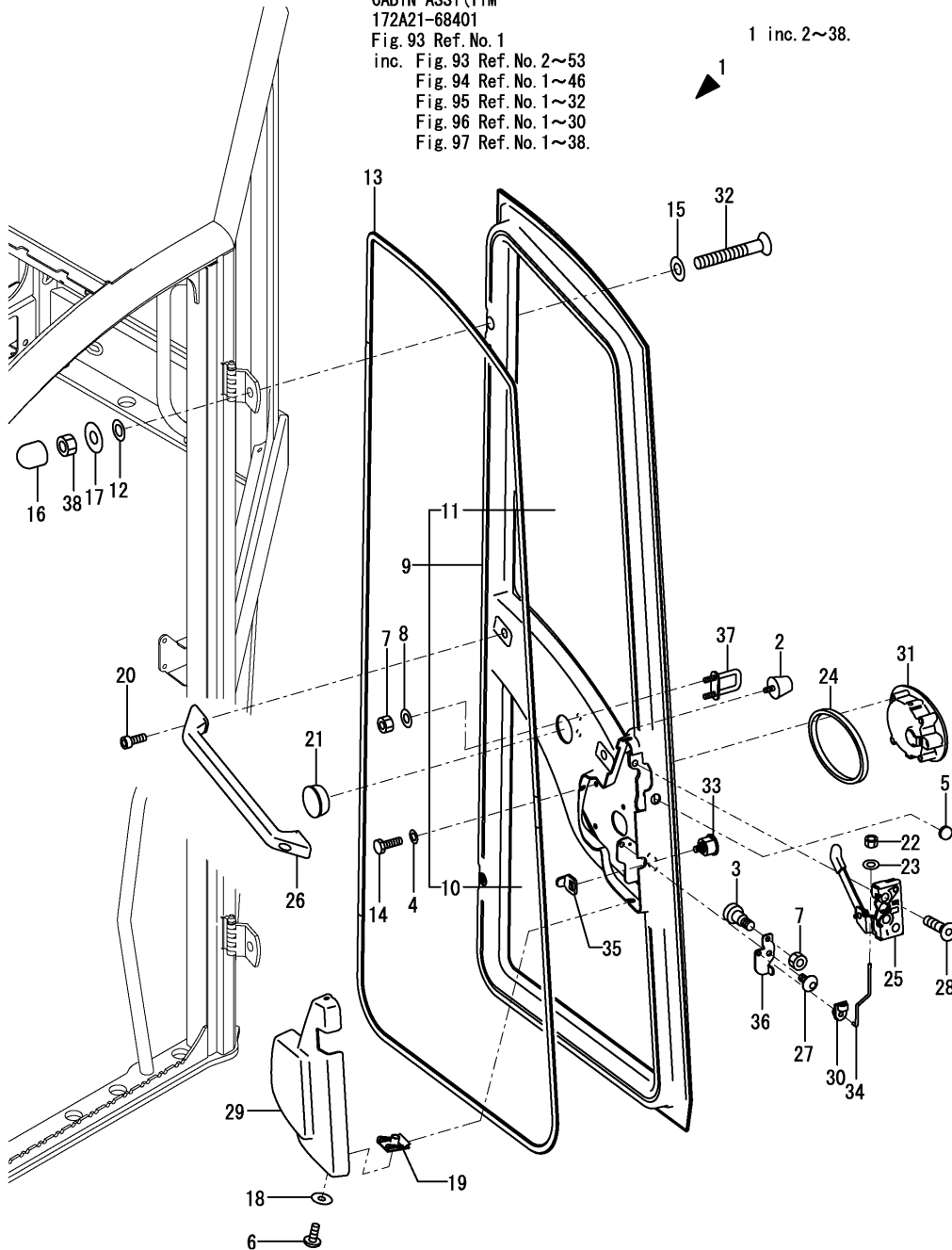
Fig.97. TIM CABIN DOOR (FROM M12043)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

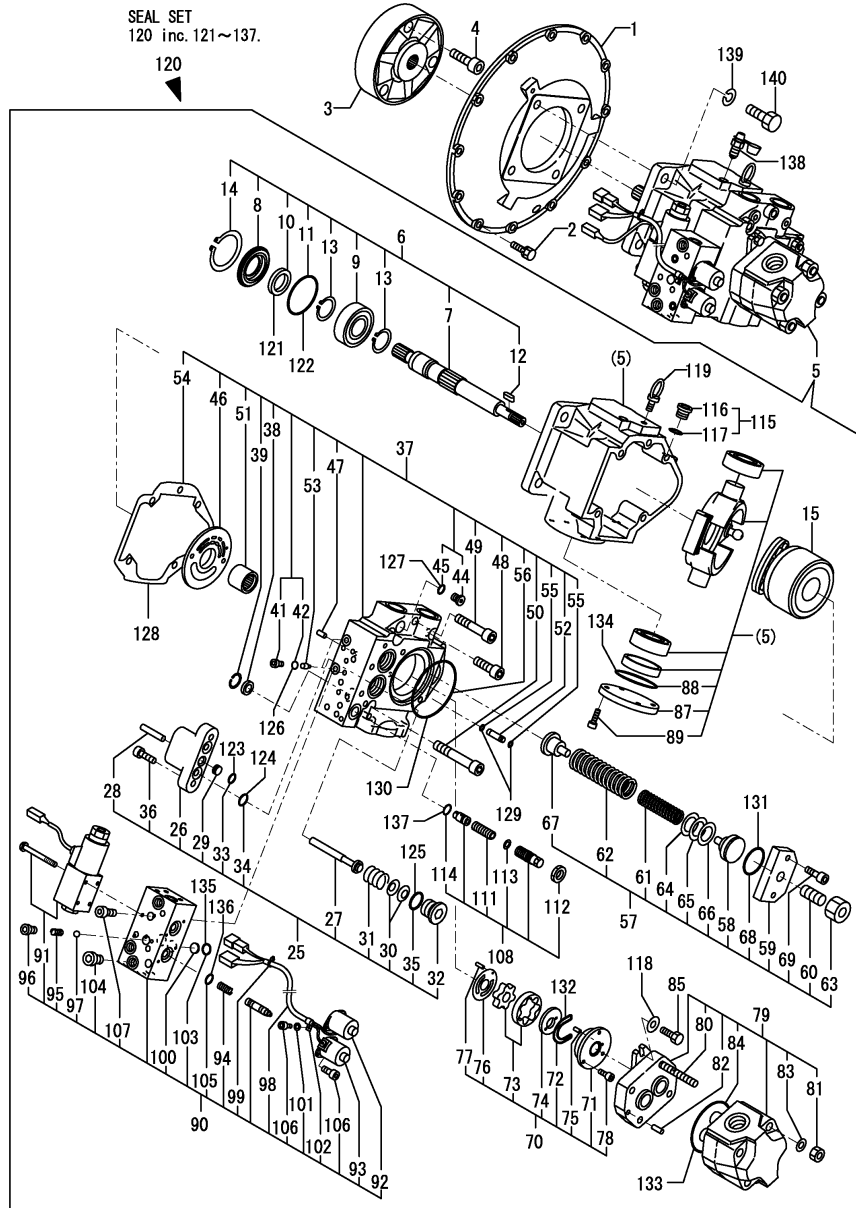
CABIN ASSY(TIM)  
 172A21-68401  
 Fig. 93 Ref. No. 1  
 inc. Fig. 93 Ref. No. 2~53  
 Fig. 94 Ref. No. 1~46  
 Fig. 95 Ref. No. 1~32  
 Fig. 96 Ref. No. 1~30  
 Fig. 97 Ref. No. 1~38.

1 inc. 2~38.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A21-69241	DOOR ASSY	1	1	1					
2	3	172456-68700	STOPPER, DOOR	1	1	1					
3	3	172456-68800	SCREW	1	1	1					
4	3	172456-68930	WASHER	4	4	4					
5	3	172A21-68940	GROMMET	1	1	1					
6	3	172456-68950	SCREW, M6X16	3	3	3					
7	3	172A21-69040	NUT, SELF LOCK	3	3	3					
8	3	172472-69190	WASHER,8.4X16X1.6	2	2	2					
9	3	172A21-69251	COVER, DOOR	1	1	1					
10	4	172A21-69451	GLASS	1	1	1					
11	4	172A21-69461	GLASS	1	1	1					
12	3	172456-69260	WASHER 10.2X18.5X2.5	2	2	2					
13	3	172A21-69280	SEAL, RUBBER 4100	1	1	1					
14	3	172A21-69330	SCREW, M6X20	4	4	4					
15	3	172A21-69360	WASHER	2	2	2					
16	3	172A21-69400	CAP, NUT M10	2	2	2					
17	3	172A21-69420	WASHER, 11X27X2	2	2	2					
18	3	172456-69520	WASHER	3	3	3					
19	3	172A21-69650	HOOK	3	3	3					
20	3	172A21-69660	SCREW	2	2	2					
21	3	172A21-69670	CAP	1	1	1					
22	3	172A21-69680	NUT	1	1	1					
23	3	172A21-69690	WASHER	1	1	1					
24	3	172A21-69700	SEAL	1	1	1					
25	3	172A21-69710	LOCK,DOOR	1	1	1					
26	3	172A21-69720	HANDLE	1	1	1					
27	3	172A21-69730	SCREW	1	1	1					
28	3	172A21-69740	SCREW, M8X35	2	2	2					
29	3	172A21-69750	COVER, DOOR LOCK	1	1	1					
30	3	172A21-69760	CLIP	1	1	1					
31	3	172A21-69770	HANDLE	1	1	1					
32	3	172A21-69780	SCREW, M10X70	2	2	2					
33	3	172456-69780	LOCK, KEY	1	1	1					
34	3	172A21-69790	ROD	1	1	1					
35	3	172A21-69800	LATCH	1	1	1					
36	3	172A21-69810	LATCH	1	1	1					
37	3	172A21-69820	HOOK	1	1	1					
38	3	172456-69870	NUT, M10	2	2	2					

Fig.46. HYDRAULIC PUMP & JOINT



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

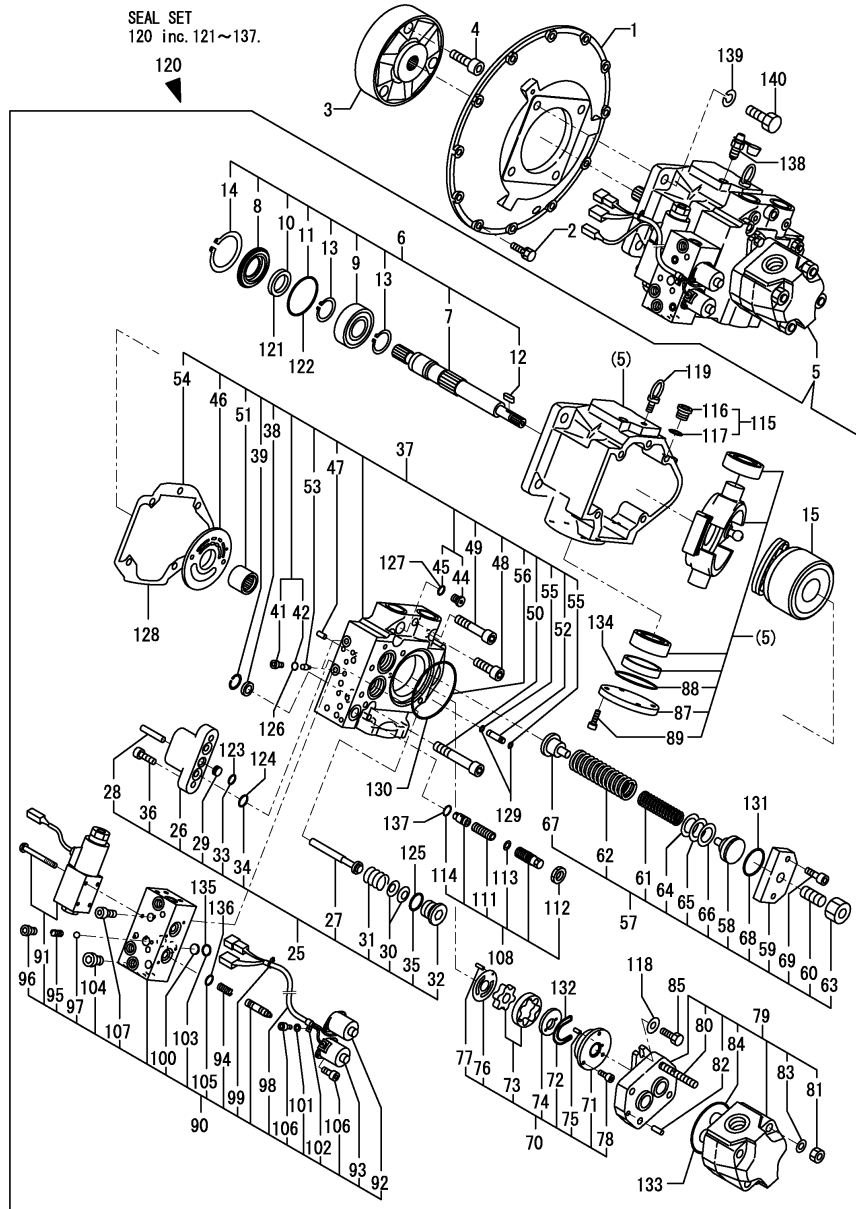
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-71100	COVER, FLYWHEEL	1	1	1					
2	1	26013-100302	BOLT, M10X 30	12	12	12					
3	1	172187-71200	COUPLING	1	1	1					
4	1	172187-71210	BOLT	3	3	3					
5	1	172978-73100	PUMP ASSY	1	1	1					
6	2	172187-73110	SHAFT ASSY	1	1	1					
7	3	172187-73210	SHAFT	1	1	1					
8	3	172187-73220	CASE, SEAL	1	1	1					
9	3	172187-73230	BEARING	1	1	1					
10	3	172187-73240	SEAL, OIL	1	1	1					
11	3	172187-73250	O-RING	1	1	1					
12	3	172187-73260	KEY	1	1	1					
13	3	22242-000350	RING, 35	2	2	2					
14	3	22252-000800	RING, 80	1	1	1					
15	2	172187-73120	ROTARY GROUP ASSY	1	1	1					
25	2	172478-73120	PISTON, CONTROL	1	1	1					
26	3	172478-73130	CYLINDER	1	1	1					
27	3	172478-73150	PIN, PARALLEL	1	1	1					
28	3	172187-75800	PISTON	2	2	2					
29	3	172187-75810	ORIFICE	1	1	1					
30	3	172187-75820	SPRING	4	4	4					
31	3	172187-75830	SPRING	2	2	2					
32	3	172187-75840	PLUG	2	2	2					
33	3	24315-000160	O-RING, 1BP16.0	1	1	1					
34	3	24315-000200	O-RING, 1BP20.0	2	2	2					
35	3	24315-000290	O-RING, 1BP29.0	2	2	2					
36	3	26450-100302	BOLT, M10X 30	2	2	2					
37	2	172187-73130	COVER ASSY, PUMP	1	1	1					
38	3	172164-73660	FILTER	1	1	1					
39	3	172164-73670	CIRCLIP	1	1	1					
41	4	172142-74650	PLUG	2	2	2					
42	4	24315-000080	O-RING, 1BP8.0	2	2	2					
44	4	172142-74660	PLUG	2	2	2					
45	4	24315-000110	O-RING, 1BP11.0	2	2	2					
46	3	172187-75600	PLATE, CONTROL	1	1	1					
47	3	172187-75610	PIN, PARALLEL	2	2	2					
48	3	172187-75620	BOLT	2	2	2					
49	3	172187-75630	BOLT	2	2	2					
50	3	172187-75640	BOLT	1	1	1					
51	3	172187-75650	BEARING	1	1	1					
52	3	172187-75660	SLEEVE	1	1	1					
53	3	172187-75670	ORIFICE	2	2	2					
54	3	172187-75680	GASKET	1	1	1					
55	3	24315-000050	O-RING, 1BP5.0	2	2	2					
56	3	24321-001050	O-RING, 1AG105.0	1	1	1					
57	2	172478-73340	SPRING ASSY	1	1	1					
58	3	172187-75700	SEAT, SPRING	1	1	1					
59	3	172187-75710	COVER	1	1	1					
60	3	172187-75720	SCREW, ADJUST	1	1	1					
61	3	172187-75730	SPRING	1	1	1					
62	3	172187-75740	SPRING	1	1	1					

Remarks

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



Fig.46. HYDRAULIC PUMP & JOINT



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
63	3	172187-75750	NUT	1	1	1					
64	3	172187-75760	SHIM	1	1	1					
65	3	172187-75770	SHIM	1	1	1					
66	3	172187-75780	SHIM	1	1	1					
67	3	172187-75980	SHIM	1	1	1					
68	3	24311-000440	O-RING, 1AP44.0	1	1	1					
69	3	26450-100302	BOLT, M10X 30	2	2	2					
70	2	172478-73160	PUMP, TROCHOID	1	1	1					
71	3	172478-73170	CASE	1	1	1					
72	3	172478-73180	O-RING	1	1	1					
73	3	172187-75850	GEAR	1	1	1					
74	3	172187-75870	PLATE	1	1	1					
75	3	172187-75890	PIN, SPRING	1	1	1					
76	3	172187-75910	PLATE	1	1	1					
77	3	172187-75920	PIN, SPRING	1	1	1					
78	3	26450-050122	BOLT, M5X 12	3	3	3					
79	2	172187-73170	PUMP ASSY, GEAR	1	1	1					
80	3	172187-75930	BOLT, STUD	4	4	4					
81	3	172187-75940	NUT	4	4	4					
82	3	172187-75950	PIN, PARALLEL	2	2	2					
83	3	172187-75960	WASHER	4	4	4					
84	3	24325-000900	O-RING, 1BG90.0	1	1	1					
85	2	172187-73190	BOLT	2	2	2					
87	3	172187-75970	COVER	1	1	1					
88	3	24321-000750	O-RING, 1AG75.0	1	1	1					
89	3	26450-080222	BOLT, M8X 22	4	4	4					
90	2	172956-73110	VALVE ASSY	1	1	1					
91	3	172956-73121	VALVE, SOLENOID	1	1	1					1
92	3	172456-73580	VALVE, SOLENOID	1	1	1					2
92-1	3	172989-73160	VALVE, SOLENOID	1	1	1					R 2
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
93	3	172456-73590	VALVE, SOLENOID	1	1	1					3
93-1	3	172989-73150	VALVE, SOLENOID	1	1	1					R 3
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)											
94	3	172456-73870	SPRING	2	2	2					
95	3	172456-73880	SPRING	1	1	1					
96	3	172456-73890	PLUG ASSY	1	1	1					
97	3	172456-73900	BALL, STEEL	1	1	1					
98	3	172456-73910	COVER	1	1	1					
99	3	172456-73920	BAND	2	2	2					
100	3	172456-73930	ELEMENT, FILTER	1	1	1					
101	3	172456-73940	WASHER	1	1	1					
102	3	172456-73950	CLAMP	1	1	1					
103	3	172456-73960	O-RING	2	2	2					
104	3	172456-73970	PLUG ASSY	1	1	1					
105	3	24311-000160	O-RING, 1AP16.0	2	2	2					
106	3	26450-040102	BOLT, M4X 10	5	5	5					
107	3	26450-080302	BOLT, M8X 30	2	2	2					
108	2	172164-73470	VALVE ASSY, RELIEF	1	1	1					
111	3	172164-73380	SPRING	1	1	1					
112	3	172164-73390	NUT	1	1	1					

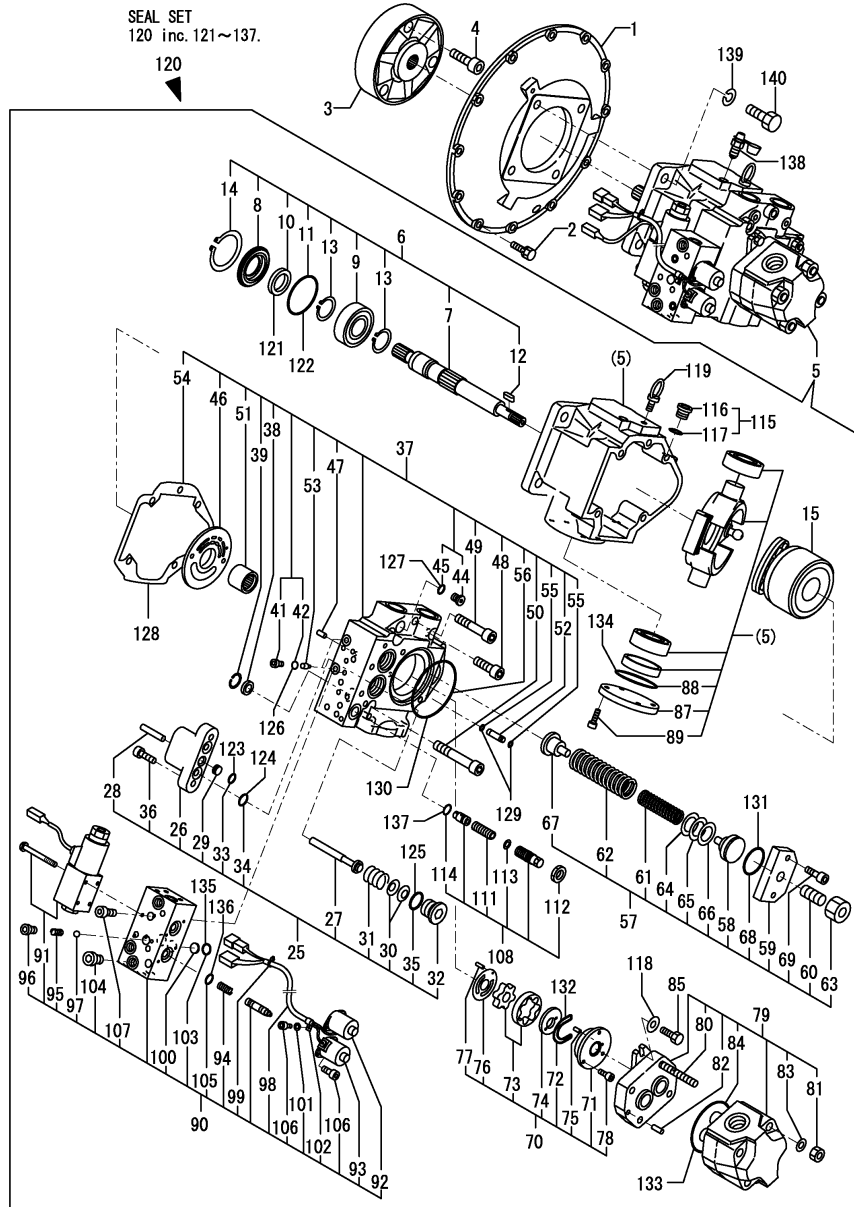
Remarks

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

Fig.46. HYDRAULIC PUMP & JOINT

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
113	3	172164-73510	SEAT, SPRING	1	1	1					
114	3	172141-74430	O-RING	1	1	1					
115	2	172142-74620	PLUG	2	2	2					
116	3	172142-74680	PLUG	2	2	2					
117	3	24315-000180	O-RING, 1BP18.0	2	2	2					
118	2	22217-100000	WASHER, SPRING 10	2	2	2					
119	2	26617-100002	BOLT, EYE M10	1	1	1					
120	1	772478-73100	SEAL SET	1	1	1					
121	2	172187-73240	SEAL, OIL	1	1	1					
122	2	172187-73250	O-RING	1	1	1					
123	2	24315-000160	O-RING, 1BP16.0	1	1	1					
124	2	24315-000200	O-RING, 1BP20.0	2	2	2					
125	2	24315-000290	O-RING, 1BP29.0	2	2	2					
126	2	24315-000080	O-RING, 1BP8.0	2	2	2					
127	2	24315-000110	O-RING, 1BP11.0	2	2	2					
128	2	172187-75680	GASKET	1	1	1					
129	2	24315-000050	O-RING, 1BP5.0	2	2	2					
130	2	24321-001050	O-RING, 1AG105.0	1	1	1					
131	2	24311-000440	O-RING, 1AP44.0	1	1	1					
132	2	172478-73180	O-RING	1	1	1					
133	2	24325-000900	O-RING, 1BG90.0	1	1	1					
134	2	24321-000750	O-RING, 1AG75.0	1	1	1					
135	2	172478-73300	O-RING	2	2	2					
136	2	24311-000160	O-RING, 1AP16.0	2	2	2					
137	2	172141-74430	O-RING	1	1	1					
138	1	172164-73110	VALVE, BLEED	1	1	1					
139	1	22217-160000	WASHER, SPRING 16	4	4	4					
140	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4					

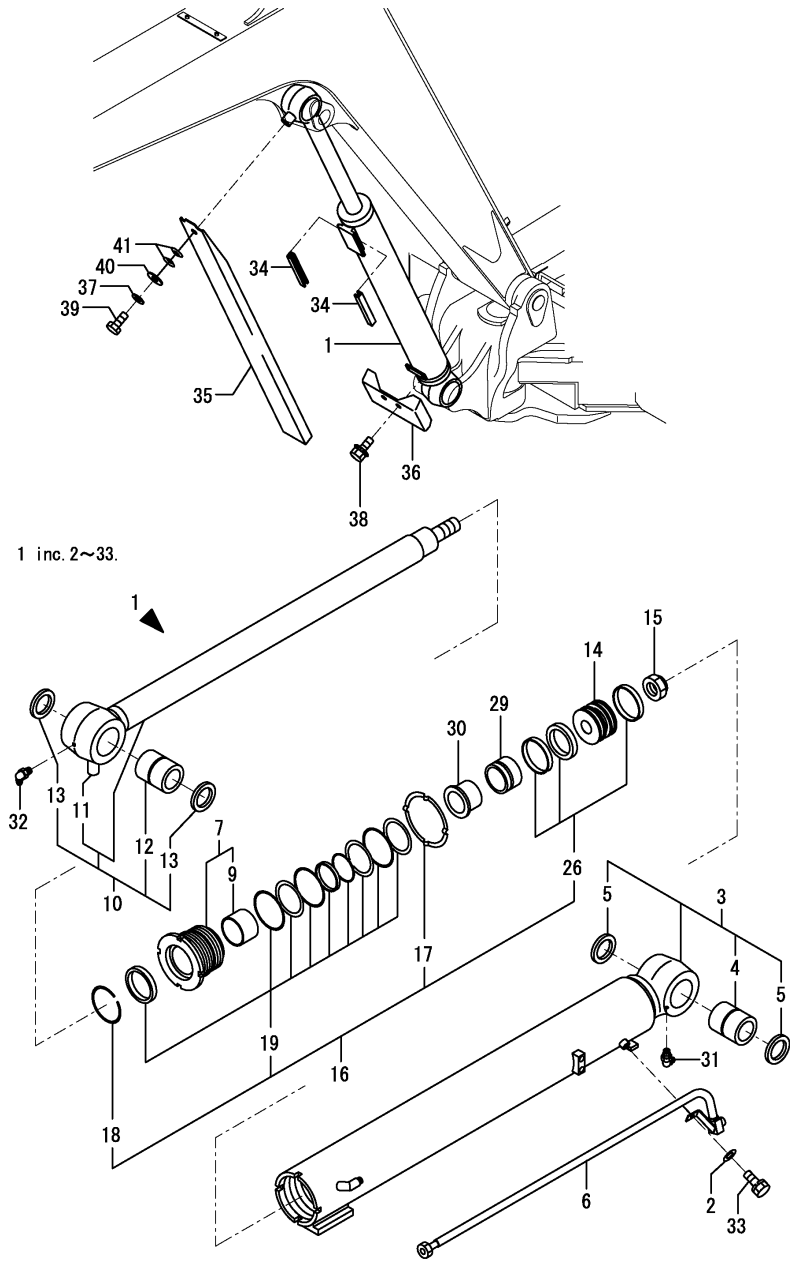
Remarks

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

Fig.47. BOOM CYLINDER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

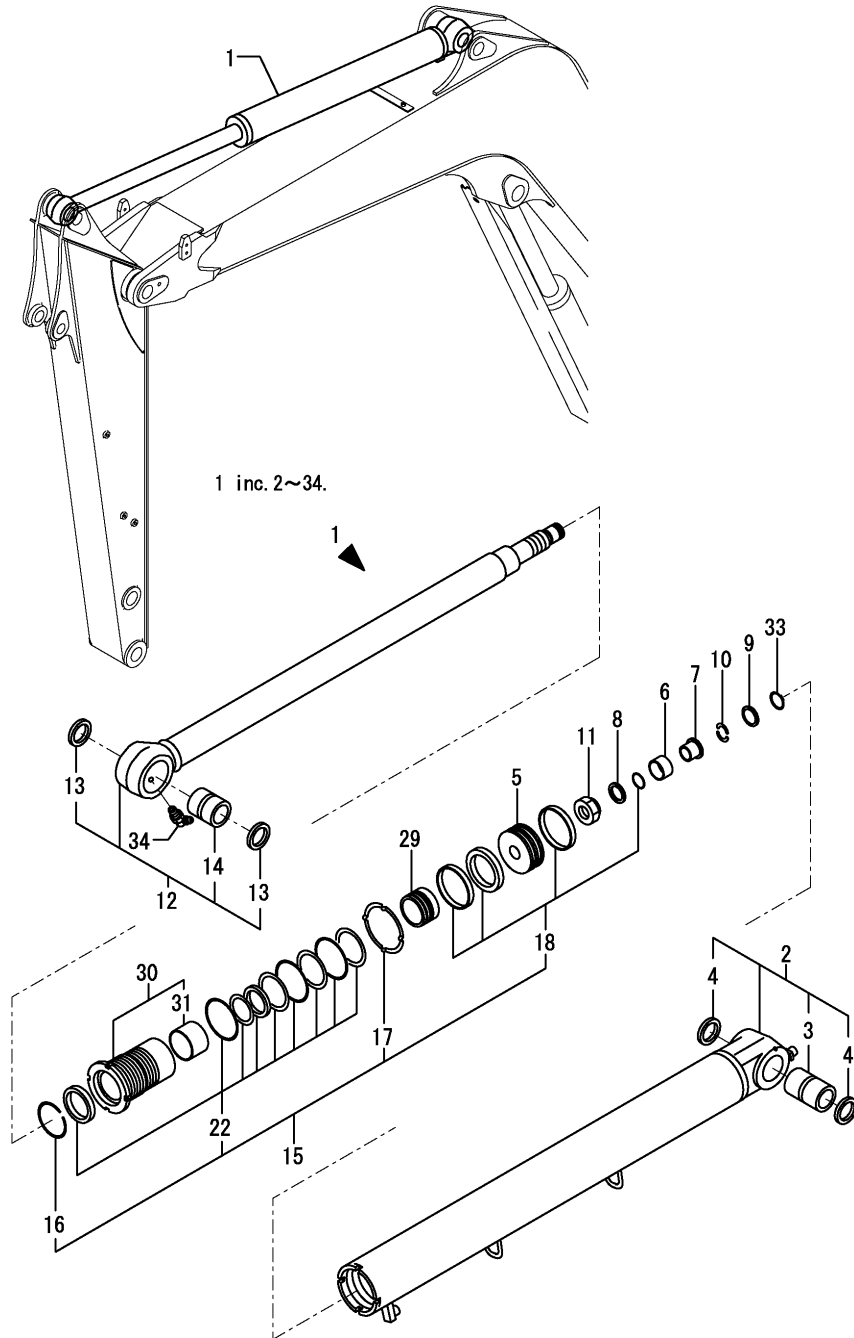
(D)=  
 (E)=  
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-10102-1	CYLINDER ASSY, BOOM	1	1	1					
2	2	194145-04810	WASHER, 10	1	1	1					
3	2	172020-10113-1	TUBE, BOOM	1	1	1					
3-1	2	172A21-72110-1 (A=M/#11739) (B=M/#11739) (C=M/#11739)	TUBE, BOOM	1	1	1					N
4	3	172020-10220	BUSH, PIN	1	1	1					
5	3	172162-82350	SEAL, DUST	2	2	2					
6	2	172020-10141-1	TUBE, BOOM	1	1	1					
7	2	172020-10230	HEAD ASSY, CYLINDER	1	1	1					
9	3	24550-065400	BUSH, 65X40	1	1	1					
10	2	172020-10251	ROD ASSY, BOOM	1	1	1					
10-1	2	172A21-72200-1 (A=M/#11739) (B=M/#11739) (C=M/#11739)	ROD ASSY,BOOM (87)	1	1	1					N
11	4	172478-72010	NUT	1	1	1					1
12	3	172020-10220	BUSH, PIN	1	1	1					
13	3	172162-82350	SEAL, DUST	2	2	2					
14	2	172020-10290	PISTON	1	1	1					
15	2	172020-10370	NUT	1	1	1					
16	2	172020-11600	SEAL SET, CYLINDER	1	1	1					
17	3	172020-10360	WASHER, LOCK	1	1	1					
18	3	172020-10380	RING, SPRING	1	1	1					
19	3	172020-11610	SEAL SET, HEAD	1	1	1					
26	3	172020-11620	SEAL SET, PISTON	1	1	1					
29	2	172478-72190	PLUNGER, CUSHION	1	1	1					
30	2	172478-72250	COLLAR, CUSHION	1	1	1					
31	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
32	2	24761-050000	NIPPLE, GREASE C	1	1	1					
33	2	26013-100252	BOLT, M10X 25	1	1	1					
34	1	172162-61770	GUIDE, SLIDE	2	2	2					
35	1	172187-72910-1	COVER, SLIDE	1	1	1					
36	1	172187-72950-1	GUARD ASSY	1	1	1					
37	1	22217-100000	WASHER, SPRING 10	1	1	1					
38	1	26014-100202	BOLT, M10X 20	2	2	2					
39	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1					
40	1	933147-03400	WASHER, BRAKE ARM	1	1	1					
41	1	933168-14170	SPRING	2	2	2					

Remarks  
 (1)Welded parts.

Fig.48. ARM CYLINDER



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

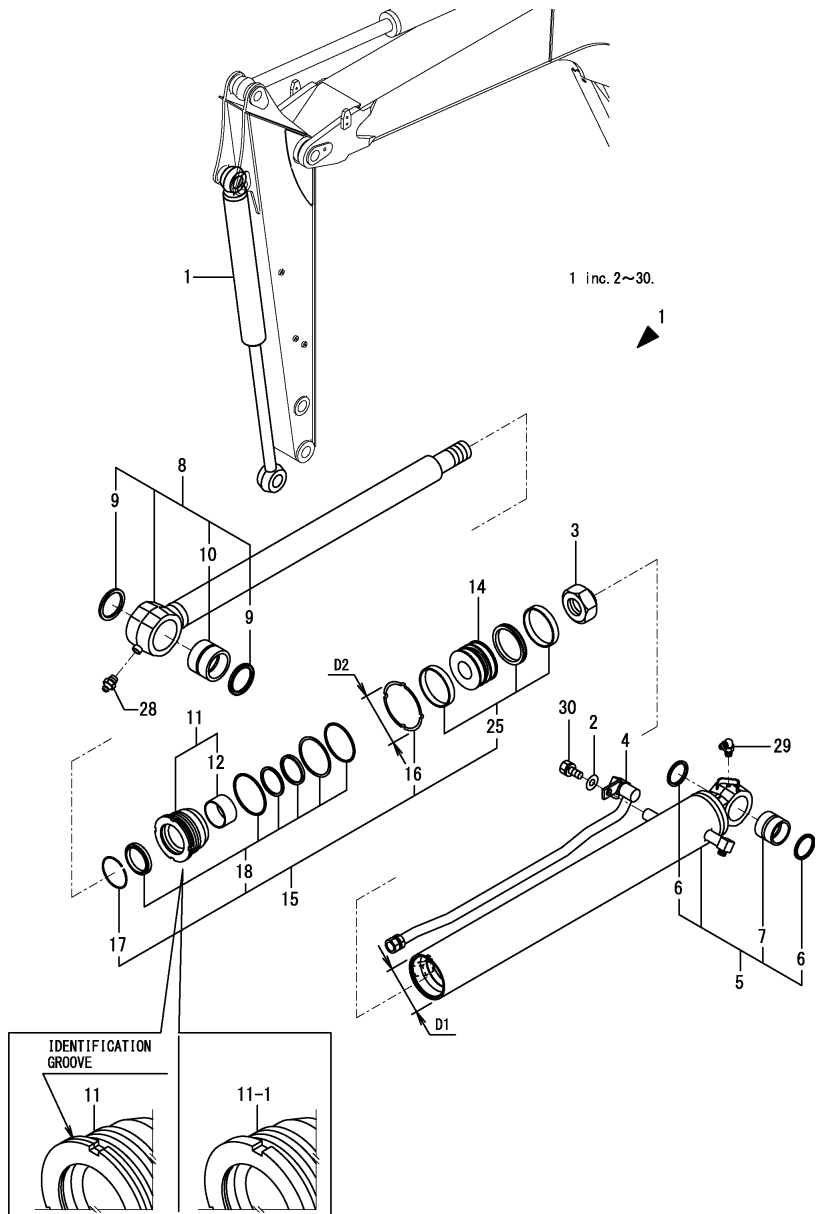
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-72300	CYLINDER, ARM	1	1	1					
1-1	1	172978-72301	CYLINDER ASSY, ARM	1	1	1					N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
2	2	172020-10510-1	TUBE, ARM	1	1	1					
2-1	2	172A21-72310	TUBE ASSY, BUCKET	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
3	3	172020-10610	BUSH, PIN	1	1	1					
4	3	172020-10620	SEAL, DUST	2	2	2					
5	2	172020-10720	PISTON	1	1	1					
6	2	172020-10750	PLUNGER, CUSHION	1	1	1					
7	2	172020-10760	COLLAR, CUSHION	1	1	1					
8	2	172020-10770	SPACER	1	1	1					
9	2	172020-10780	COVER, STOPPER	1	1	1					
10	2	172020-10790	STOPPER	2	2	2					
11	2	172020-10810	NUT	1	1	1					
12	2	172478-72110	ROD, ARM	1	1	1					
12-1	2	172478-72320	ROD, ARM	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
13	3	172020-10620	SEAL, DUST	2	2	2					
14	3	172020-10680	BUSH, PIN	1	1	1					
15	2	172478-72170	SEAL SET, CYLINDER	1	1	1					
16	3	172020-10380	RING, SPRING	1	1	1					
17	3	172020-10800	WASHER, LOCK	1	1	1					
18	3	172020-11650	SEAL SET, PISTON	1	1	1					
22	3	172478-72180	SEAL SET, HEAD	1	1	1					
29	2	172478-72190	PLUNGER, CUSHION	1	1	1					
29-1	2	172A65-72880	PLUNGER, CUSHION 72	1	1	1					N
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
30	2	172978-72310	HEAD 100 65 ASSY	1	1	1					
31	3	172020-10320	BUSH 65 40	1	1	1					
31-1	3	24550-065400	BUSH, 65X40	1	1	1					R
		(A=M/#11047) (B=M/#11047) (C=M/#11047)									
33	2	22242-000340	RING, 34	1	1	1					
34	2	24761-040000	NIPPLE, GREASE B	1	1	1					

Fig.49. BUCKET CYLINDER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



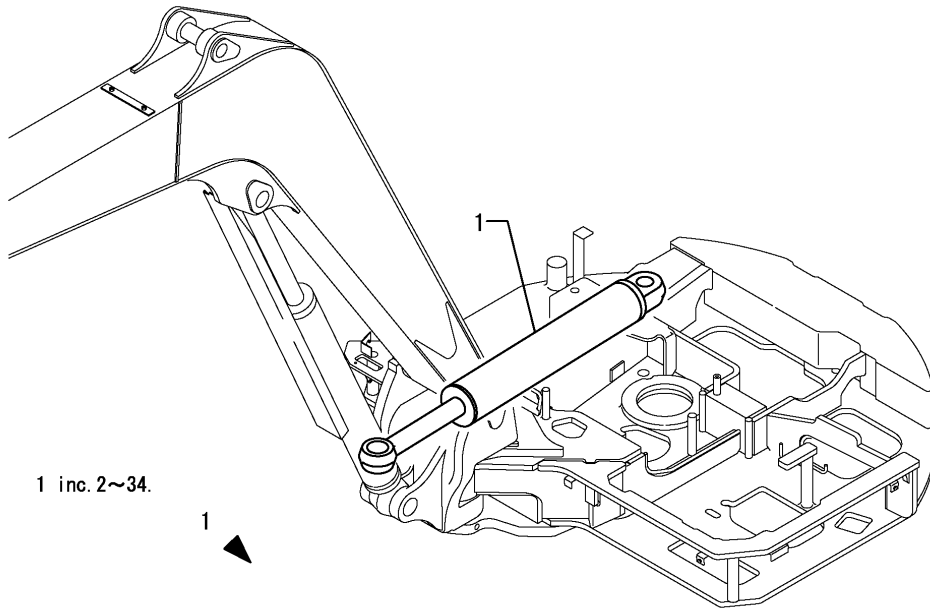
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-72500	CYLINDER ASSY	1	1	1					
1-1	1	172978-72501	CYLINDER ASSY	1	1	1					N
		(A=M13574) (B=M13574) (C=M13574)									
2	2	194145-04810	WASHER, 10	1	1	1					
3	2	172020-10810	NUT	1	1	1					
4	2	172020-10940-1	PIPE, BUCKET	1	1	1					
5	2	172978-72510	TUBE, BUCKET	1	1	1					
5-1	2	172978-72640	TUBE ASSY, BUCKET	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
5-2	2	172978-72641	TUBE ASSY, BUCKET	1	1	1					F 1
		(A=M13574) (B=M13574) (C=M13574)									
6	3	172448-54120	SEAL, DUST	2	2	2					
7	3	172151-72591	BUSH	1	1	1					
8	2	172978-72540	ROD, BUCKET	1	1	1					
8-1	2	172978-72650	ROD ASSY, BUCKET Q	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
9	3	172020-10620	SEAL, DUST	2	2	2					
10	3	172020-11030	BUSH, PIN	1	1	1					
11	2	172978-72570	HEAD 95 60	1	1	1					
11-1	2	172978-72571	HEAD ASSY 95 60	1	1	1					S
		(A=M13574) (B=M13574) (C=M13574)									
12	3	172445-72480	BUSH, ROD	1	1	1					
14	2	172978-72590	PISTON 95	1	1	1					
15	2	172978-72610	SEAL SET, 95X60	1	1	1					
15-1	2	172978-72611	SEAL SET, 95X60	1	1	1					N
		(A=*2008.09.) (B=*2008.09.) (C=*2008.09.)									
15-2	2	172978-72612	SEAL SET, 95X60	1	1	1					S
		(A=M13574) (B=M13574) (C=M13574)									
16	3	172444-72430	WASHER, LOCK	1	1	1					
16-1	3	172499-72980	WASHER, LOCK 95-110	1	1	1					N 2
		(A=*2008.09.) (B=*2008.09.) (C=*2008.09.)									
16-2	2	172499-72981	WASHER, LOCK 95-114	1	1	1					S 2
		(A=M13574) (B=M13574) (C=M13574)									
17	3	172445-72450	RING, SPRING	1	1	1					
18	3	172978-72600	SEAL SET, HEAD 95X60	1	1	1					
25	3	172978-72620	SEAL SET, PISTON 95	1	1	1					
28	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
29	2	24761-050000	NIPPLE, GREASE C	1	1	1					
30	2	26013-100252	BOLT, M10X 25	1	1	1					

Remarks  
 (1)D1(Outer Diameter)=No.5-1 : 110mm, No.5-2 : 114mm.  
 Interchangeable by simultaneous replacement with No.11-1 & 16-2.  
 (2)D2(Outer Diameter)=No.16-1 : 115mm, No.16-2 : 119mm.

Fig.50. SWING CYLINDER

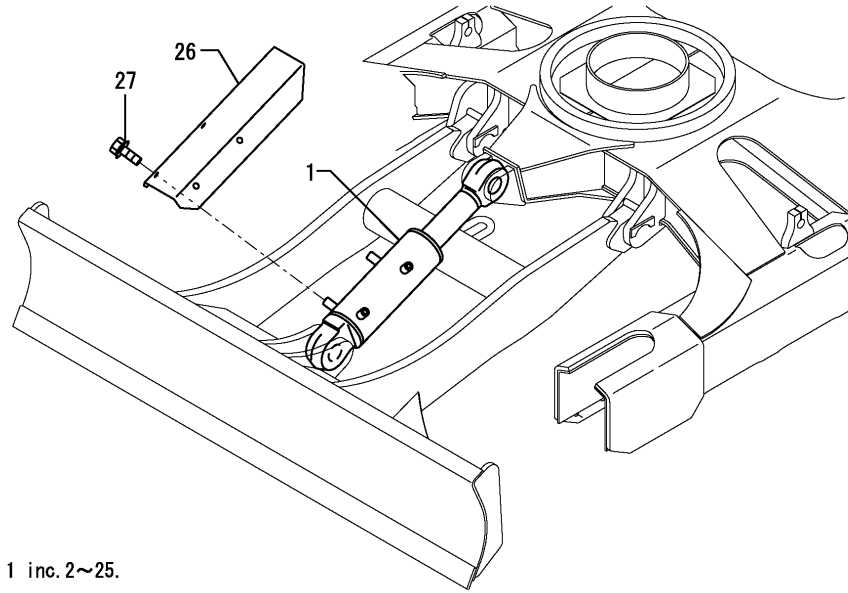
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

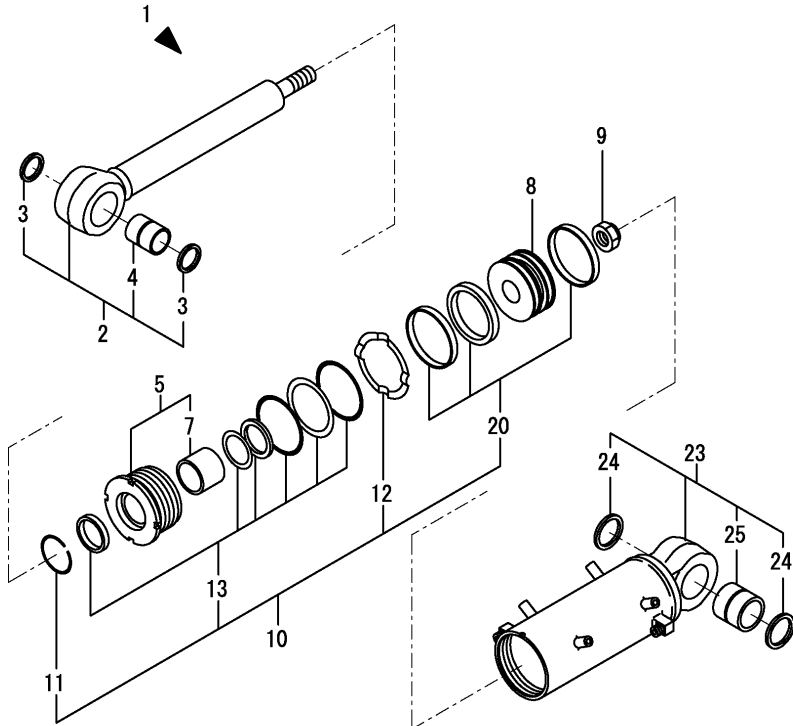


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-11151-1	CYLINDER ASSY, SWING	1	1	1					
1-1	1	172020-11151-2	CYLINDER ASSY, SWING	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	2	172020-10730	PLUNGER, CUSHION	1	1	1					
3	2	172020-10810	NUT	1	1	1					
4	2	172020-10860	COLLAR, CUSHION	1	1	1					
5	2	172020-11161-1	TUBE ASSY, SWING	1	1	1					
5-1	2	172020-11161-2	TUBE ASSY, SWING	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
5-2	2	172A21-72710-1	TUBE ASSY, SWING	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
6	3	172020-10620	SEAL, DUST	2	2	2					
7	3	172020-11230	BUSH, PIN	1	1	1					
8	2	172020-11250	ROD, SWING	1	1	1					
8-1	2	172A21-72720	ROD ASSY, SWING	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
9	3	172020-10620	SEAL, DUST	2	2	2					
10	3	172020-11280	BUSH, PIN	1	1	1					
11	2	172020-11300	HEAD ASSY	1	1	1					
13	3	172445-72480	BUSH, ROD	1	1	1					
14	2	172020-11320	PISTON	1	1	1					
15	2	172020-11340	RING, CUSHION	1	1	1					
16	2	172020-11690	SEAL SET, CYLINDER	1	1	1					
17	3	172020-11350	WASHER, LOCK	1	1	1					
18	3	172020-11700	SEAL SET, HEAD	1	1	1					
25	3	172020-11710	SEAL SET, PISTON	1	1	1					
29	3	172445-72450	RING, SPRING	1	1	1					
30	2	172423-72520	COLLAR, CUSHION	1	1	1					
31	2	172423-72530	SPACER	1	1	1					
32	2	172423-72540	STOPPER	2	2	2					
33	2	172423-72550	CIRCLIP	1	1	1					
34	2	24761-050000	NIPPLE, GREASE C	1	1	1					

Fig.51. BLADE CYLINDER



1 inc. 2~25.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

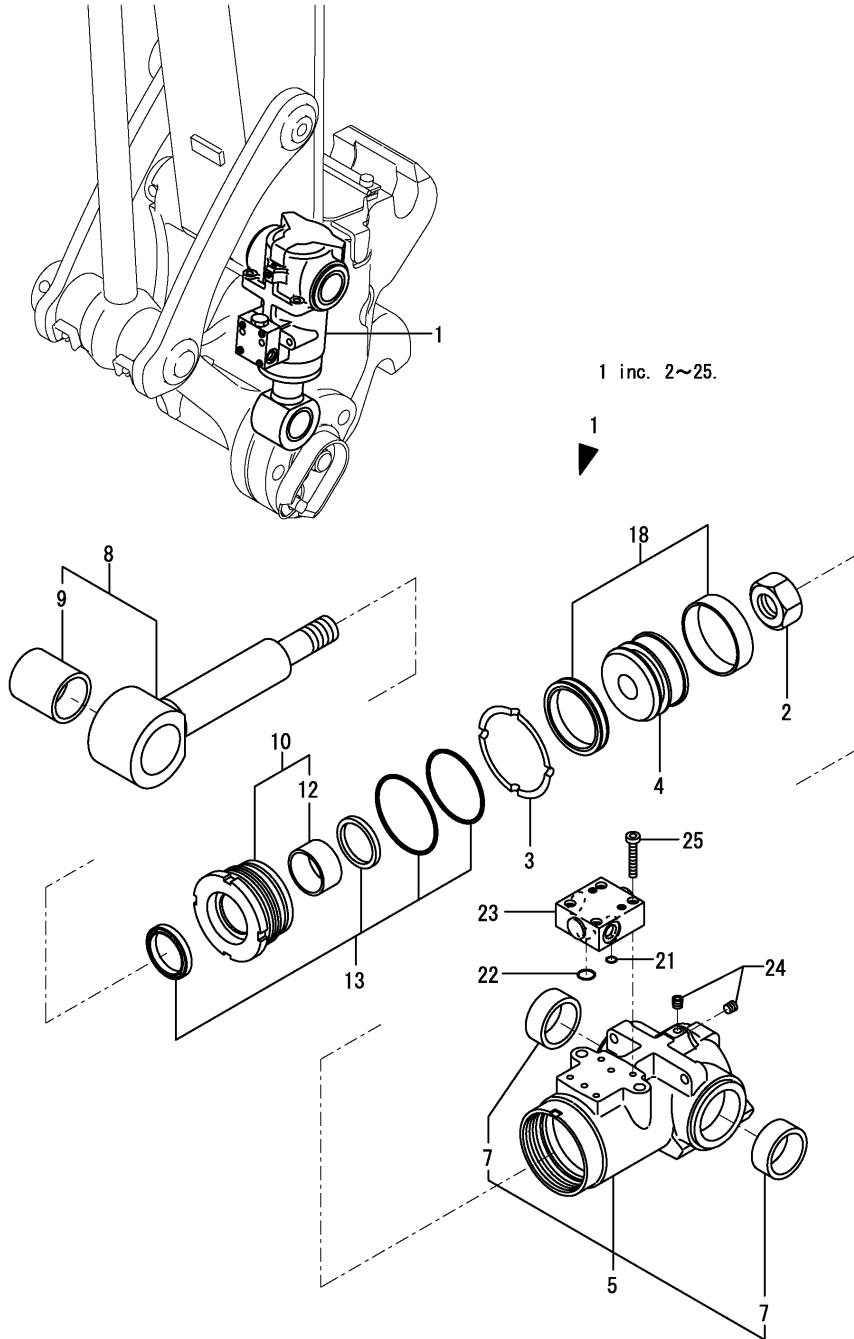
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-72200-1	CYLINDER ASSY, BLADE	1	1	1					
1-1	1	172478-72200-2	CYLINDER ASSY, BLADE	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
2	2	172020-11470	ROD ASSY, BLADE	1	1	1					
2-1	2	172A21-72620	ROD ASSY, BLADE	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
3	3	172020-10620	SEAL, DUST	2	2	2					
4	3	172020-11450	BUSH, PIN	1	1	1					
5	2	172020-11500	HEAD ASSY	1	1	1					
7	3	24550-065400	BUSH, 65X40	1	1	1					
8	2	172020-11520	PISTON	1	1	1					
9	2	172020-11540	NUT	1	1	1					
10	2	172020-11720	SEAL SET, CYLINDER	1	1	1					
11	3	172020-10380	RING, SPRING	1	1	1					
12	3	172020-11530	WASHER, LOCK	1	1	1					
13	3	172020-11730	SEAL SET, HEAD	1	1	1					
20	3	172020-11740	SEAL SET, PISTON	1	1	1					
23	2	172478-72210-1	TUBE ASSY, BLADE	1	1	1					
23-1	2	172478-72210-2	TUBE ASSY, BLADE	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
23-2	2	172478-72610	TUBE ASSY, BLADE	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
24	3	172020-10620	SEAL, DUST	2	2	2					
25	3	172020-11450	BUSH, PIN	1	1	1					
26	1	172187-72891-1	COVER ASSY, BLADE	1	1	1					
26-1	1	172187-72891-2	COVER ASSY, BLADE	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
26-2	1	172187-72892	COVER ASSY, BLADE	1	1	1					N
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)									
27	1	26014-100202	BOLT, M10X 20	4	4	4					

Fig.52. HITCH CYLINDER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

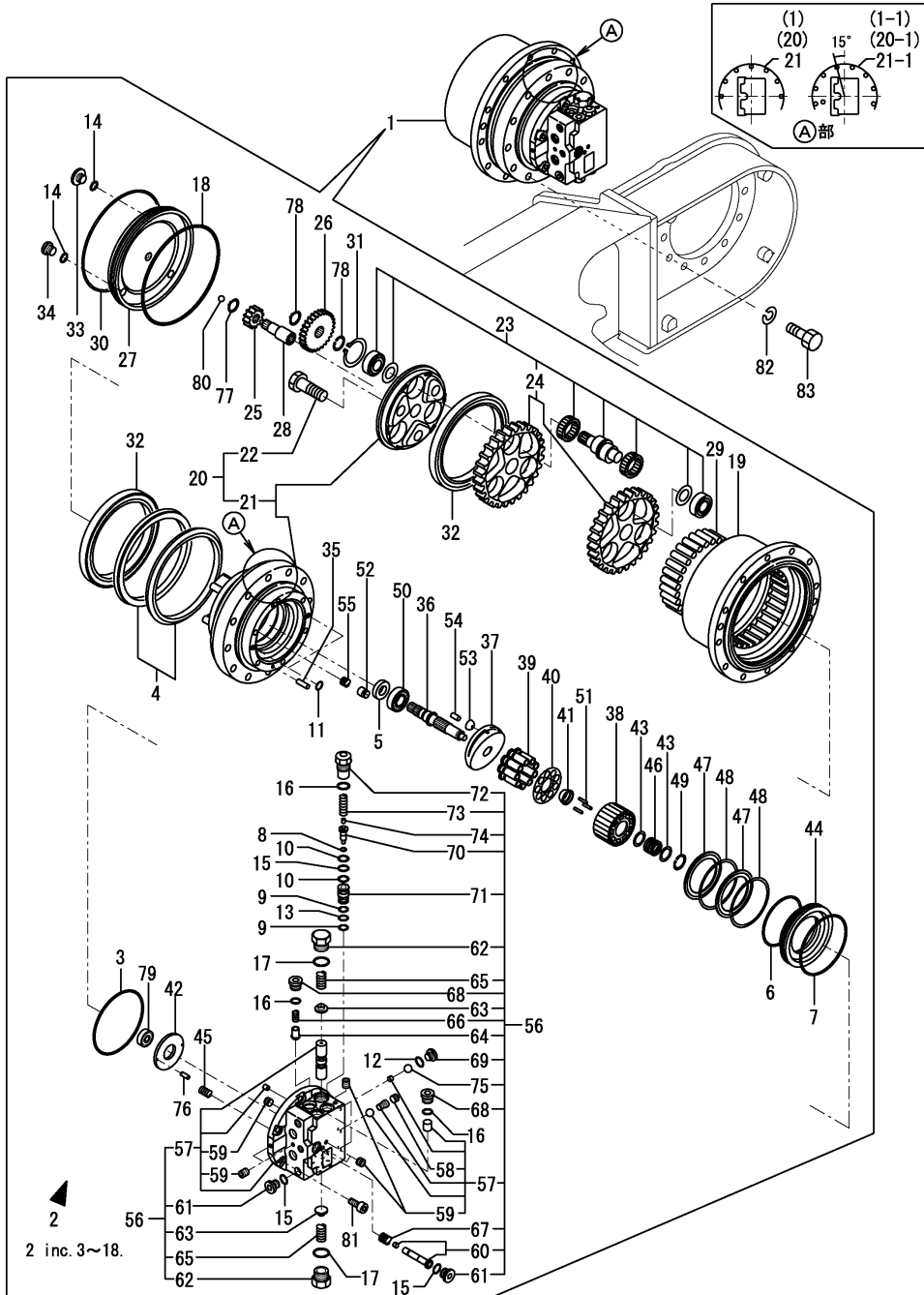
(D)=  
 (E)=  
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-72800	CYLINDER, HITCH	1	1	1					
2	2	172141-72250	NUT	1	1	1					
3	2	172142-72260	WASHER, LOCK	1	1	1					
4	2	172175-72480	PISTON 80	1	1	1					
5	2	172978-72810	TUBE, HITCH	1	1	1					
7	3	172978-72890	BUSH 45-55-22	2	2	2					
8	2	172978-72830	ROD,HITCH	1	1	1					
8-1	2	172978-72880	ROD ASSY,HITCH	1	1	1					N
		(A=M/#11739) (B=M/#11739) (C=M/#11739)									
9	3	172151-71630	BUSH 45 60	1	1	1					
10	2	172978-72860	HEAD 80 45	1	1	1					
12	3	24550-045250	BUSH, 45X25	1	1	1					
13	2	172978-72920	SEAL SET, HEAD 80X45	1	1	1					
18	2	172142-72951	SEAL SET, PISTON	1	1	1					
21	2	172958-72950	O-RING	1	1	1					
22	2	172958-72960	O-RING	1	1	1					
23	2	172958-72982-1	VALVE, CHECK	1	1	1					
24	2	23871-005000	PLUG, R005	2	2	2					
25	2	26450-060352	BOLT, M6X 35	4	4	4					



Fig.53. TRAVEL MOTOR

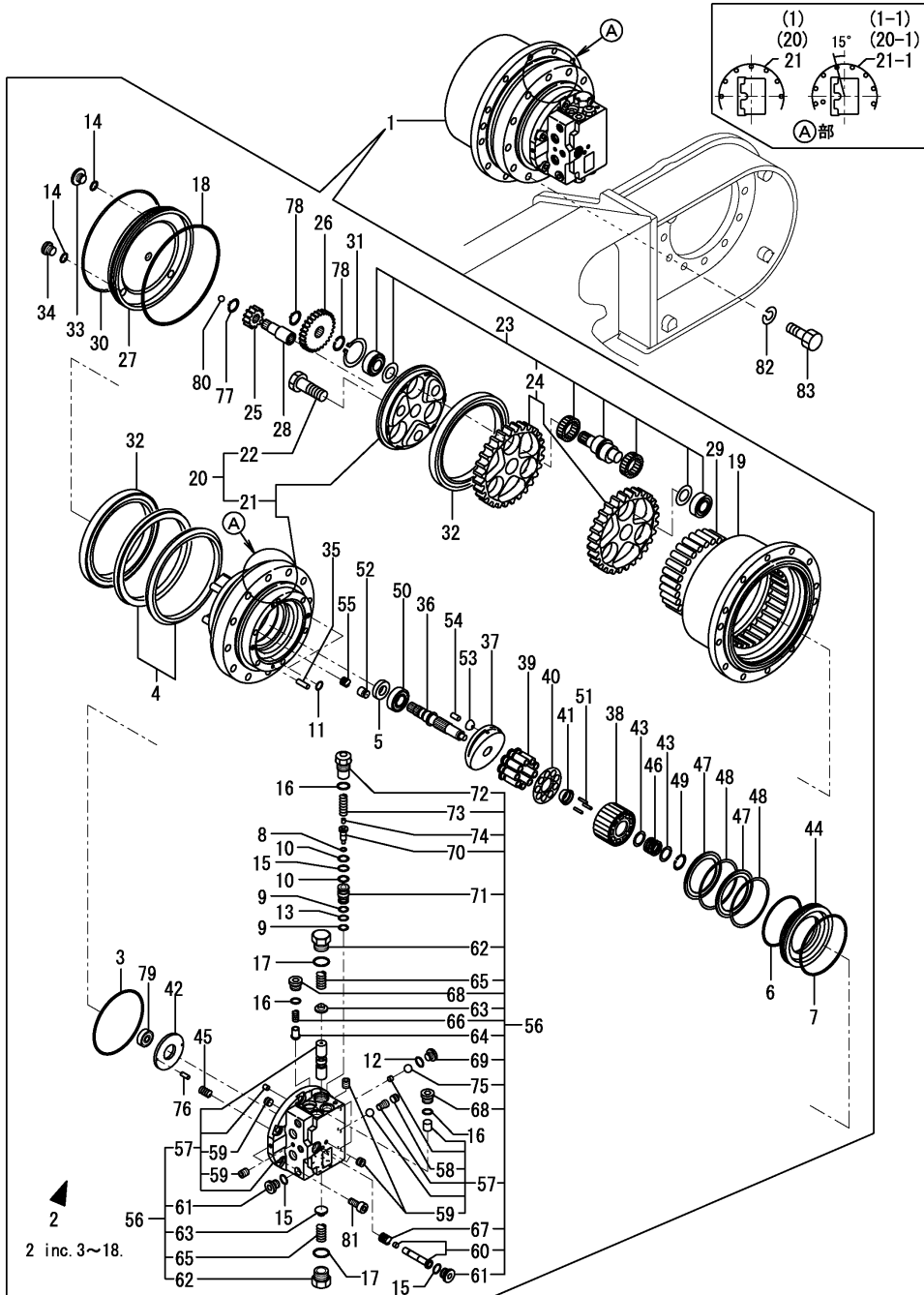


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172479-73300	MOTOR ASSY, DRIVE	2	2	2					
1-1	1	172479-73301	MOTOR ASSY, TRAVEL	2	2	2					S
				(A=M/#10820) (B=M/#10820) (C=M/#10820)							
2	2	172479-73010	SEAL SET	2	2	2					
3	3	172479-73450	O-RING	2	2	2					
4	3	172479-73460	SEAL SET, FLOATING	2	2	2					
5	3	172479-73630	SEAL, OIL	2	2	2					
6	3	172479-73640	O-RING	2	2	2					
7	3	172479-73650	O-RING	2	2	2					
8	3	172479-73910	SEAL, PISTON	4	4	4					
9	3	172479-73920	RING, BUCK UP	8	8	8					
10	3	172479-73930	RING, BUCK UP	8	8	8					
11	3	24315-000080	O-RING, 1BP8.0	4	4	4					
12	3	24315-000080	O-RING, 1BP8.0	4	4	4					
13	3	24315-000120	O-RING, 1BP12.0	4	4	4					
14	3	24315-000140	O-RING, 1BP14.0	6	6	6					
15	3	24315-000140	O-RING, 1BP14.0	8	8	8					
16	3	24315-000180	O-RING, 1BP18.0	12	12	12					
17	3	24315-000260	O-RING, 1BP26.0	4	4	4					
18	3	24321-002300	O-RING, 1AG230.0	2	2	2					
19	2	172479-73310	BODY, MOTOR	2	2	2					
20	2	172479-73320	SPINDLE KIT	2	2	2					
20-1	2	172479-73321	SPINDLE KIT	2	2	2					S
				(A=M/#10820) (B=M/#10820) (C=M/#10820)							
21	3	172479-73330	SPINDLE ASSY	2	2	2					
21-1	3	172479-73331	SPINDLE ASSY	2	2	2					S
				(A=M/#10820) (B=M/#10820) (C=M/#10820)							
22	3	172479-73340	BOLT, REAMER	6	6	6					
23	2	172479-73350	GEAR	2	2	2					
24	3	172479-73360	GEAR KIT	2	2	2					
25	2	172479-73370	GEAR, INPUT	2	2	2					
26	2	172479-73380	GEAR KIT, SPAR	2	2	2					
27	2	172479-73390	COVER	2	2	2					
28	2	172479-73400	COUPLING	2	2	2					
29	2	172479-73410	PIN	56	56	56					
30	2	172479-73420	RING	2	2	2					
31	2	172479-73430	RING, SNAP	6	6	6					
32	2	172479-73440	BEARING, BALL	4	4	4					
33	2	172479-73470	PLUG	2	2	2					
34	2	172479-73480	PLUG	4	4	4					
35	2	172479-73490	PIN, PARALLEL	4	4	4					
36	2	172479-73500	SHAFT	2	2	2					
37	2	172479-73510	PLATE, SWASH	2	2	2					
38	2	172479-73520	BLOCK, CYLINDER	2	2	2					
39	2	172479-73530	PISTON KIT	2	2	2					
40	2	172479-73540	PLATE, RETAINER	2	2	2					
41	2	172479-73550	BALL, THRUST	2	2	2					
42	2	172479-73560	ROD, TIE	2	2	2					
43	2	172479-73570	WASHER	4	4	4					
44	2	172479-73580	PISTON	2	2	2					
45	2	172479-73590	SPRING	16	16	16					

Fig.53. TRAVEL MOTOR



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

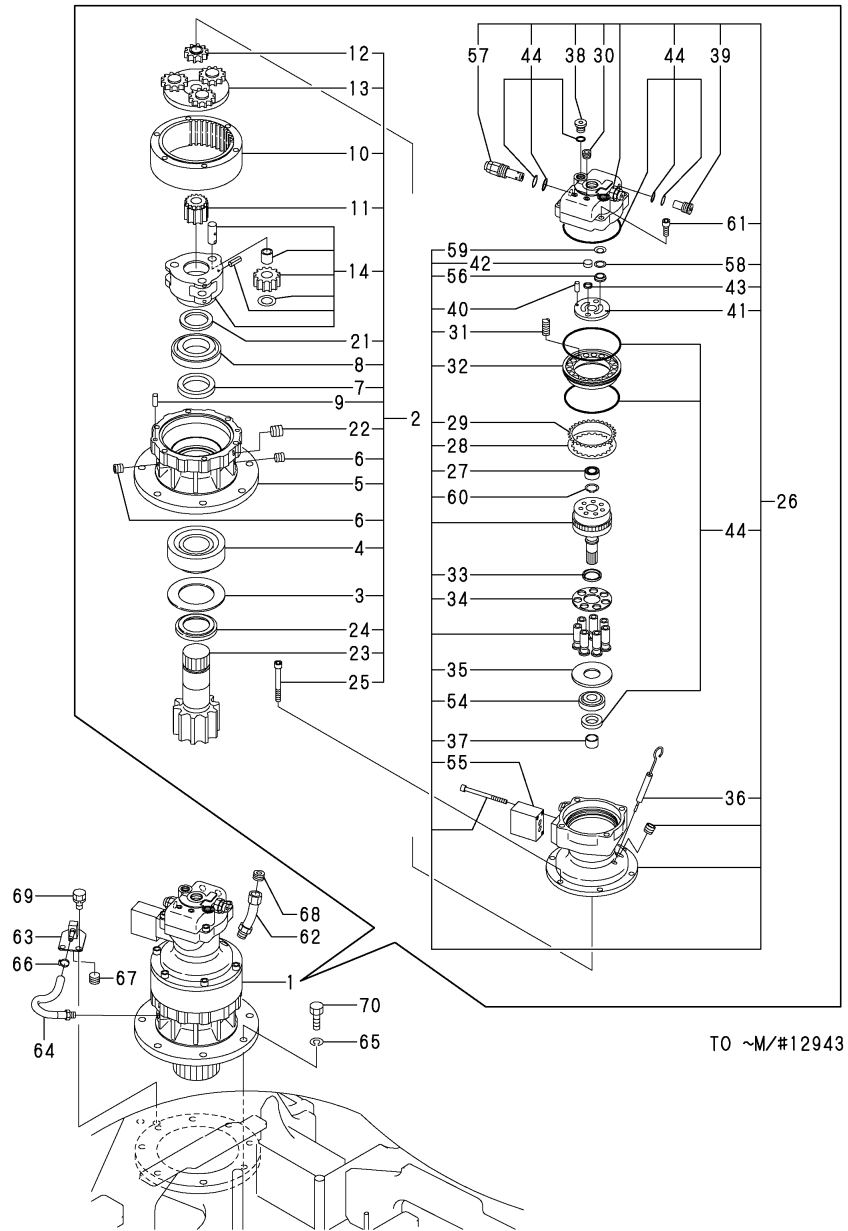
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46	2	172479-73600	SPRING	2	2	2					
47	2	172479-73610	PLATE, FRICTION	4	4	4					
48	2	172479-73620	PLATE	4	4	4					
49	2	172479-73660	CLIP	2	2	2					
50	2	172479-73670	BEARING	2	2	2					
51	2	172479-73680	BEARING	6	6	6					
52	2	172479-73690	PISTON ASSY	2	2	2					
53	2	172479-73700	PIVOT	4	4	4					
54	2	172479-73710	PIN, PARALLEL	4	4	4					
55	2	172479-73720	SPRING	2	2	2					
56	2	172479-73730	FLANGE ASSY	2	2	2					
57	3	172479-73740	FLANGE KIT	2	2	2					
58	4	172479-73750	PLUG	2	2	2					
59	4	172479-73760	PLUG	18	18	18					
60	3	172479-73770	SPOOL KIT	2	2	2					
61	3	172479-73780	PLUG	4	4	4					
62	3	172479-73790	PLUG	4	4	4					
63	3	172479-73800	RETAINER, SPRING	4	4	4					
64	3	172479-73810	VALVE	4	4	4					
65	3	172479-73820	SPRING	4	4	4					
66	3	172479-73830	SPRING	4	4	4					
67	3	172479-73840	SPRING	2	2	2					
68	3	172479-73850	PLUG	8	8	8					
69	3	172479-73860	PLUG	4	4	4					
70	3	172479-73870	VALVE	4	4	4					
71	3	172479-73880	SLEEVE	4	4	4					
72	3	172479-73890	PLUG	4	4	4					
73	3	172479-73900	SPRING	4	4	4					
74	3	172479-73940	ORIFICE	4	4	4					
75	3	24190-100001	BALL, STEEL 5/16	4	4	4					
76	2	172479-73950	PIN, PARALLEL	4	4	4					
77	2	22242-000190	RING, 19	2	2	2					
78	2	22242-000250	RING, 25	12	12	12					
79	2	24101-063014	BEARING, BALL 6301	2	2	2					
80	2	24190-120001	BALL, STEEL 3/8	2	2	2					
81	2	26450-120302	BOLT, M12X 30	12	12	12					
82	1	22217-160000	WASHER, SPRING 16	24	24	24					
83	1	26116-160452	BOLT, M16X 45 PLATED	24	24	24					

Fig.54. TURNING MOTOR(TO M12943)

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172187-73311 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	MOTOR ASSY, TURNING	1	1	1					Z	1
2	2	172187-73370	GEAR ASSY, REDUCTION	1	1	1						
3	3	172162-71480	PLATE	1	1	1						
4	3	172162-71490	BEARING, ROLLER	1	1	1						
5	3	172162-71500	CASE, GEAR	1	1	1						
6	3	172162-71510	PLUG	2	2	2						
7	3	172162-71520	SEAL, OIL	1	1	1						
8	3	172162-71530	BEARING, ROLLER	1	1	1						
9	3	172162-71540	PIN	2	2	2						
10	3	172162-71550	GEAR, RING	1	1	1						
11	3	172162-71560	GEAR, SPUR	1	1	1						
12	3	172162-71570	GEAR, SUN	1	1	1						
13	3	172162-71580	HOLDER ASSY	1	1	1						
14	3	172162-71590	HOLDER ASSY	1	1	1						
21	3	172162-71660	COLLAR	2	2	2						
22	3	172162-71670	PLUG	1	1	1						
23	3	172187-73380	SHAFT, PINION	1	1	1						
24	3	172187-73390	COLLAR	1	1	1						
25	3	26450-120952	BOLT, M12X 95	6	6	6						
26	2	172187-73411	MOTOR ASSY	1	1	1						
27	3	172162-71711	BEARING, NEEDLE	1	1	1						
28	3	172162-71720	PLATE, FRICTION	1	1	1						
29	3	172162-71730	PLATE	1	1	1						
30	3	172162-71780	PLUG	2	2	2						
31	3	172162-71820	SPRING	18	18	18						
32	3	172162-71830	PISTON	1	1	1						
33	3	172162-71850	SPRING	1	1	1						
34	3	172162-71860	PLATE, RETURN	1	1	1						
35	3	172162-71870	PLATE, CAM	1	1	1						
36	3	172162-71880	GAUGE ASSY, LEVEL	1	1	1						
37	3	172162-71900	COLLAR	1	1	1						
38	3	172162-71910	CAP	1	1	1						
39	3	172162-71920	VALVE ASSY, BY-PASS	2	2	2						
40	3	172162-71960	PIN, PARALLEL	2	2	2						
41	3	172176-73351	PLATE, BALANCE	1	1	1						
42	3	172176-73360	PISTON	2	2	2						
43	3	172176-73370	RING, TEFLON	2	2	2						
44	3	172187-73420	SEAL SET, MOTOR	1	1	1						
54	3	172165-73430	BEARING	1	1	1						
55	3	172187-73430	TIMER, HYDRAULIC	1	1	1						
56	3	172165-73441	BUSH	4	4	4						
57	3	172187-73440	VALVE ASSY, RELIEF	2	2	2						
58	3	172165-73451	RING, TEFLON	4	4	4						
59	3	172165-73461	WAVE	4	4	4						
60	3	172165-73480	RING, SNAP	1	1	1						
61	3	26450-120302	BOLT, M12X 30	4	4	4						
62	1	172187-73340	PIPE, OIL FEED	1	1	1						
63	1	172455-76130	DRAIN ASSY	1	1	1						
64	1	172455-78120	HOSE	1	1	1						
65	1	22217-160000	WASHER, SPRING 16	8	8	8						

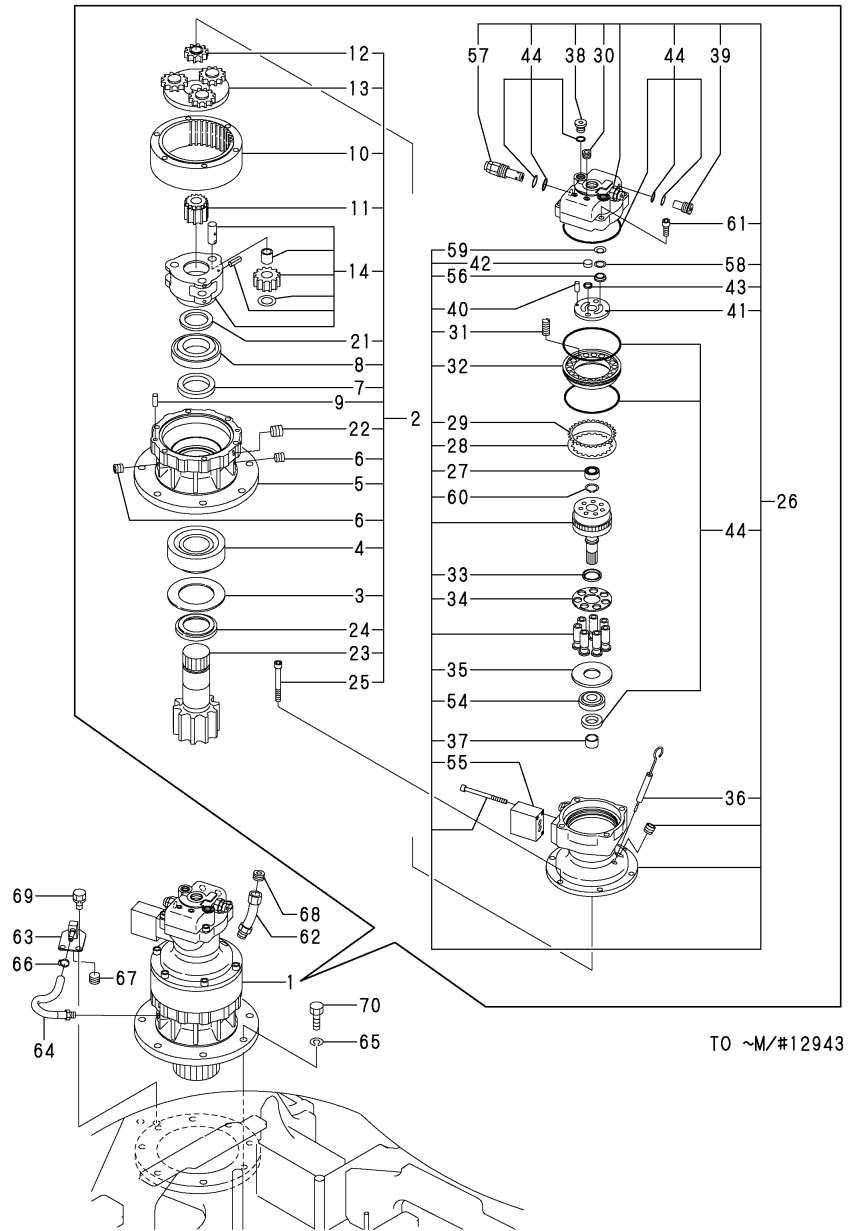
Remarks  
(1)New parts after M12944 is shown in Fig.98.

Fig.54. TURNING MOTOR(TO M12943)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
66	1	23001-016000	CLAMP, HOSE 16	1	1	1					
67	1	23871-030000	PLUG, R03	1	1	1					
68	1	23871-040000	PLUG, R04	1	1	1					
69	1	26013-100162	BOLT, M10X 16	2	2	2					
70	1	26116-160502	BOLT, M16X 50 PLATED	8	8	8					

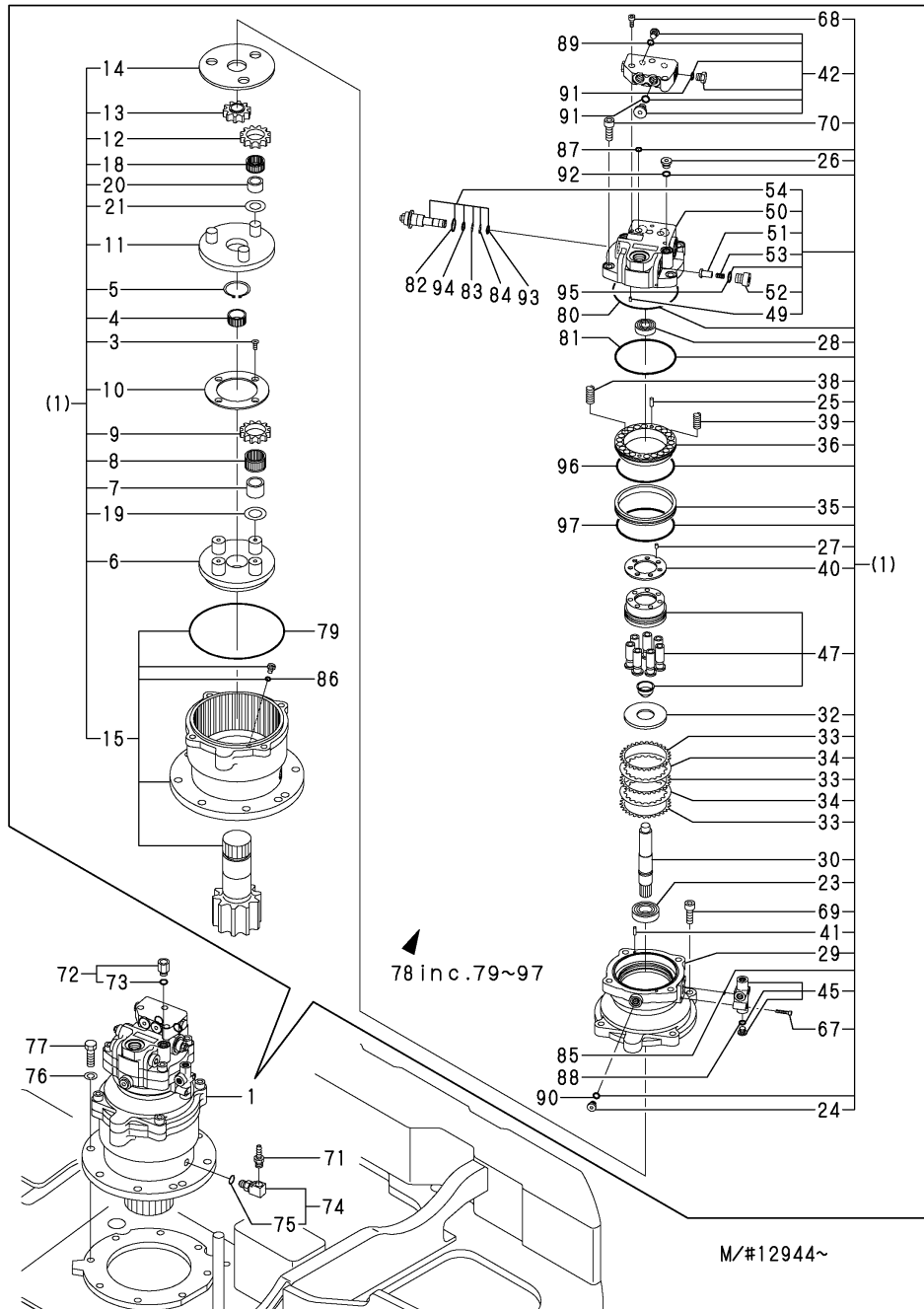


Remarks  
 (1)New parts after M12944 is shown in Fig.98.

Fig.98. TURNING MOTOR(FROM M12944)

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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



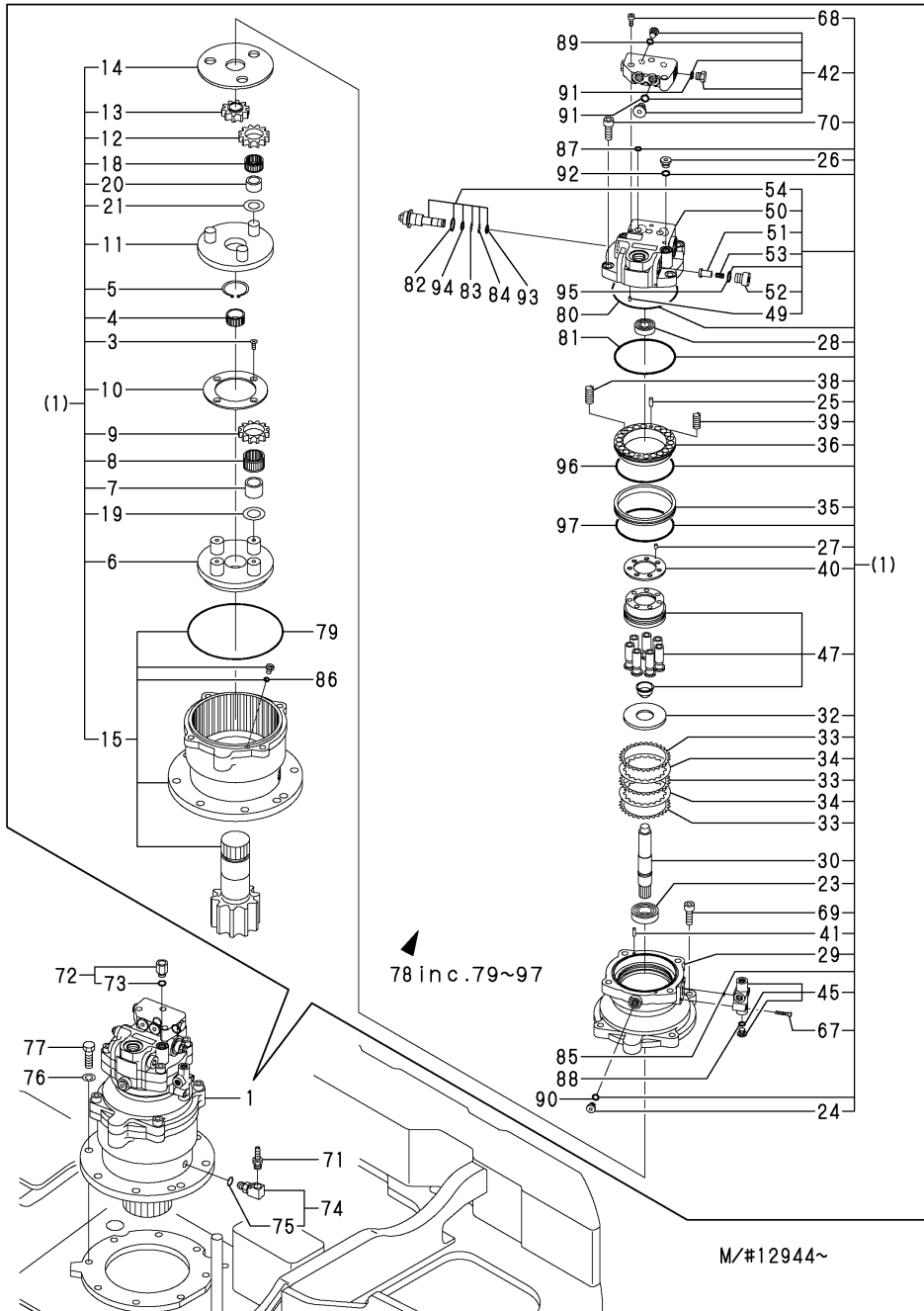
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172499-73200	MOTOR ASSY, SWING	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
3	3	172162-70290	SCREW	4	4	4					
4	3	172162-70310	GEAR, SUN	1	1	1					
5	3	172162-70320	RING, SNAP	1	1	1					
6	3	172499-70720	HOLDER	1	1	1					
7	3	172499-70730	RACE, INNER	4	4	4					
8	3	172499-70740	BEARING, NEEDLE	4	4	4					
9	3	172499-70750	GEAR, PLANETARY	4	4	4					
10	3	172499-70760	PLATE, THRUST	1	1	1					
11	3	172499-70770	HOLDER	1	1	1					
12	3	172499-70780	GEAR, PLANETARY	3	3	3					
13	3	172499-70790	GEAR, DRIVE	1	1	1					
14	3	172499-71040	PLATE KIT, THRUST	1	1	1					
15	3	172499-71050	HOUSING ASSY	1	1	1					
18	3	172450-73360	BEARING, NEEDLE	3	3	3					
19	3	172423-73370	WASHER, THRUST	4	4	4					
20	3	172450-73370	RACE, INNER	3	3	3					
21	3	172450-73380	WASHER, THRUST	3	3	3					
23	3	172122-70260	BEARING, BALL	1	1	1					
24	3	172148-70301	PLUG	1	1	1					
25	3	172122-70410	PIN	2	2	2					
26	3	172147-70500	PLUG	1	1	1					
27	3	172122-70530	PIN	1	1	1					
28	3	172162-70590	BEARING, BALL	1	1	1					
29	3	172499-70800	CASE	1	1	1					
30	3	172499-70810	SHAFT	1	1	1					
32	3	172499-70820	PLATE, THRUST	1	1	1					
33	3	172499-70830	DISK	3	3	3					
34	3	172499-70840	PLATE, FRICTION	2	2	2					
35	3	172499-70850	COLLAR	1	1	1					
36	3	172499-70860	PISTON, BRAKE	1	1	1					
38	3	172499-70880	SPRING	12	12	12					
39	3	172499-70890	SPRING	8	8	8					
40	3	172499-70970	PLATE, VALVE	1	1	1					
41	3	172499-70980	PIN	2	2	2					
42	3	172499-70990	VALVE ASSY	1	1	1					
45	3	172499-71011	VALVE ASSY	1	1	1					
47	3	172499-71030	BLOCK ASSY, CYLINDER	1	1	1					
49	4	172124-70380	ORIFICE	1	1	1					
50	4	172499-70900	COVER	1	1	1					
51	4	172499-70910	POPPET	2	2	2					
52	4	172499-70920	PLUG	2	2	2					
53	4	172499-70930	SPRING	2	2	2					
54	4	172499-70940	VALVE ASSY, RELIEF	2	2	2					
67	3	26450-060302	BOLT, M6X 30	2	2	2					
68	3	26450-080202	BOLT, M8X 20	3	3	3					
69	3	26450-140402	BOLT, M14X 40	4	4	4					
70	2	26450-140402	BOLT, M14X 40	4	4	4					
71	1	172137-76110	NIPPLE	1	1	1					
72	1	172A52-76130	ADAPTER	1	1	1					

N:Old  $\begin{matrix} \leftarrow \text{Yes} \\ \text{No} \end{matrix}$  New, Q:Old  $\begin{matrix} \leftarrow \text{No} \\ \text{Yes} \end{matrix}$  New, R:Old  $\begin{matrix} \leftarrow \text{Yes} \\ \text{Yes} \end{matrix}$  New, S:Old  $\begin{matrix} \leftarrow \text{No} \\ \text{No} \end{matrix}$  New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change  
++ CONTINUE ++  
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Fig.98. TURNING MOTOR(FROM M12944)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

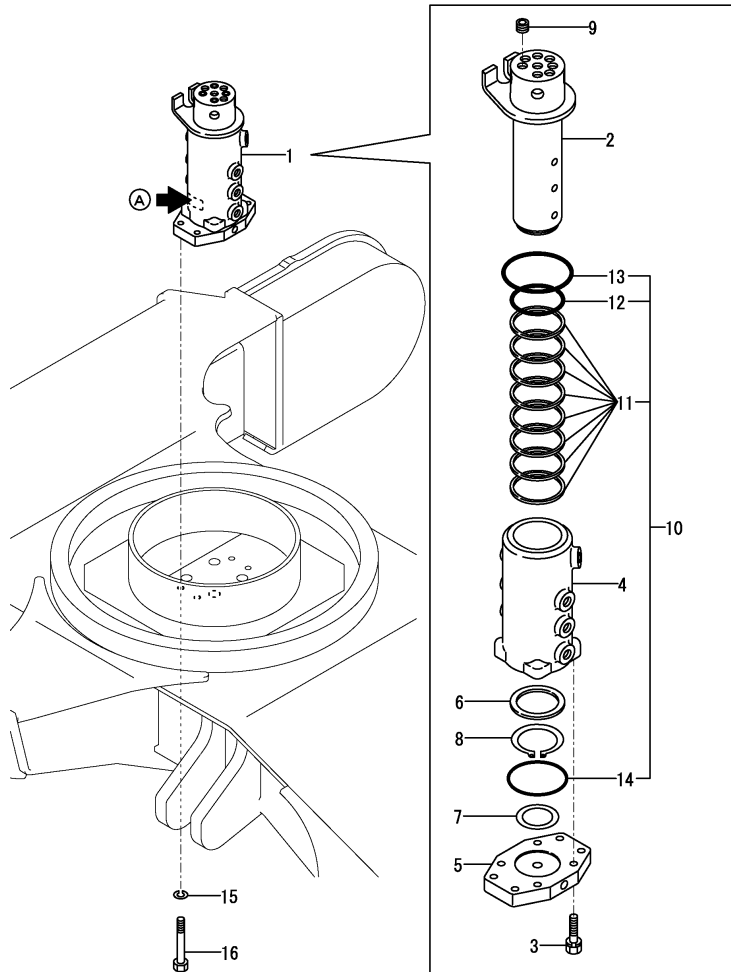


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
73	2	24315-000140	O-RING, 1BP14.0	1	1	1					
74	1	172499-76300	ELBOW ASSY	1	1	1					
75	2	24315-000140	O-RING, 1BP14.0	1	1	1					
76	1	22217-160000	WASHER, SPRING 16	8	8	8					
77	1	26116-160502	BOLT, M16X 50 PLATED	8	8	8					
78	1	172499-71020	REPAIR KIT	1	1	1					
79	2	172162-70150	O-RING	1	1	1					
80	2	172162-70820	O-RING	1	1	1					
81	2	172499-70870	O-RING	1	1	1					
82	2	172499-70950	O-RING	1	1	1					
83	2	172499-70960	RING, BUCK UP	1	1	1					
84	2	172312-74780	RING, BUCK UP	1	1	1					
85	2	24315-000070	O-RING, 1BP7.0	2	2	2					
86	2	24315-000080	O-RING, 1BP8.0	1	1	1					
87	2	24315-000100	O-RING, 1BP10.0	3	3	3					
88	2	24315-000110	O-RING, 1BP11.0	1	1	1					
89	2	24315-000110	O-RING, 1BP11.0	2	2	2					
90	2	24315-000110	O-RING, 1BP11.0	1	1	1					
91	2	24315-000140	O-RING, 1BP14.0	1	1	1					
92	2	24315-000140	O-RING, 1BP14.0	4	4	4					
93	2	24315-000150	O-RING, 1BP15.0	1	1	1					
94	2	24315-000160	O-RING, 1BP16.0	1	1	1					
95	2	24315-000210	O-RING, 1BP21.0	2	2	2					
96	2	24325-001300	O-RING, 1BG130.0	1	1	1					
97	2	24325-001450	O-RING, 1BG145.0	1	1	1					

Fig.55. SWIVEL JOINT(Y SPEC.)(TO M14005)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172187-73801 (A=M14006) (B=M14006) (C=M14006)	JOINT ASSY, SWIVEL	1	1	1					Z	1
2	2	172147-73810	SHAFT, SWIVEL	1	1	1						
3	2	26013-100402	BOLT, M10X 40	4	4	4						
4	2	172147-73830	HUB, SWIVEL	1	1	1						
5	2	172147-73850	PLATE, SWIVEL	1	1	1						
6	2	172122-73860	SPACER, SWIVEL	1	1	1						
7	2	172122-73870	WASHER, THRUST	1	1	1						
8	2	22242-000700	RING, 70	1	1	1						
9	2	23871-030000	PLUG, R03	4	4	4						
10	2	172423-73810	SEAL ASSY	1	1	1						
10-1	2	172147-73880	SEAL ASSY	1	1	1						N
11	3	172423-73820	SEAL, SWIVEL	8	8	8						
11-1	3	172122-73890	SEAL, SWIVEL	8	8	8						N
12	3	24311-000800	O-RING, 1AP80.0	1	1	1						
13	3	24311-001000	O-RING, 1AP100.0	1	1	1						
14	3	24321-000950	O-RING, 1AG95.0	1	1	1						
15	1	22217-120000	WASHER, SPRING 12	4	4	4						
16	1	26116-120902	BOLT, M12X 90 PLATED	4	4	4						

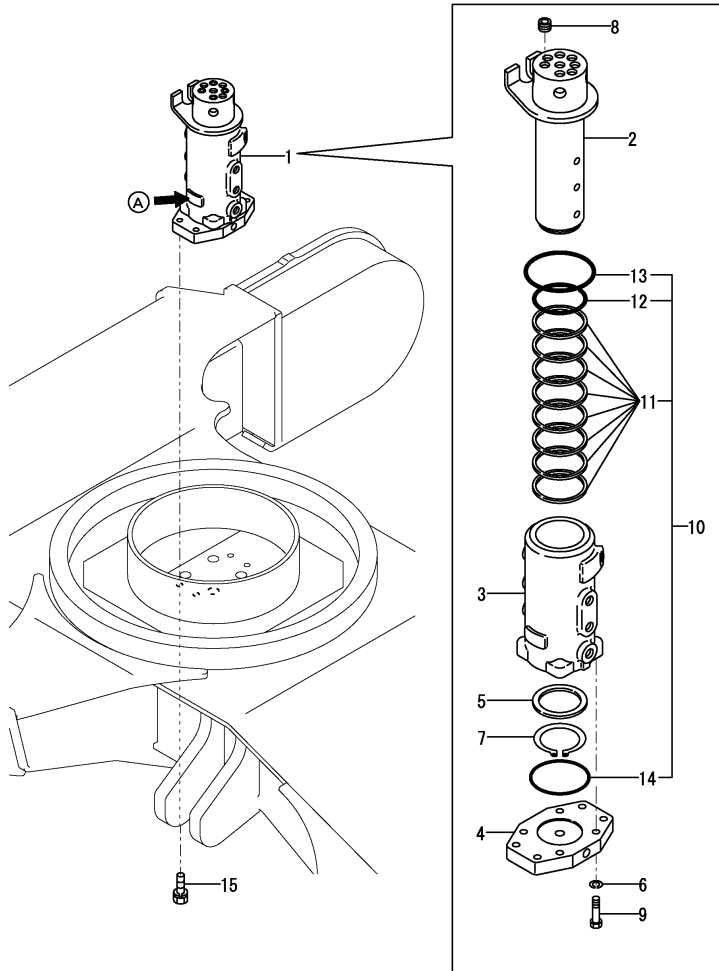
Remarks

(1)A : no label.  
 Interchangeable by Fig.105(55B) No.1.  
 The inner parts are not compatible.

Fig.104. (55A)SWIVEL JOINT(N SPEC.)(FROM M14006)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172A65-73800 (A=M14006) (B=M14006) (C=M14006)	JOINT ASSY, SWIVEL	1	1	1					W	1
2	2	172A65-73810	SHAFT ASSY	1	1	1						
3	2	172A65-73840	ROTOR	1	1	1						
4	2	172A65-73850	FLANGE	1	1	1						
5	2	172A65-73860	SPACER	1	1	1						
6	2	22217-100000	WASHER, SPRING 10	4	4	4						
7	2	22242-000720	RING, 72	1	1	1						
8	2	23871-030000	PLUG, R03	4	4	4						
9	2	26076-100402	BOLT, 10.910X 40	4	4	4						
10	2	172A65-73880	SEAL KIT	1	1	1						
11	3	172A65-73870	SEAL	8	8	8						
12	3	24315-000800	O-RING, 1BP80.0	1	1	1						
13	3	24315-001000	O-RING, 1BP100.0	1	1	1						
14	3	24325-000950	O-RING, 1BG95.0	1	1	1						
15	1	26013-120402	BOLT, M12X 40	4	4	4						

Remarks

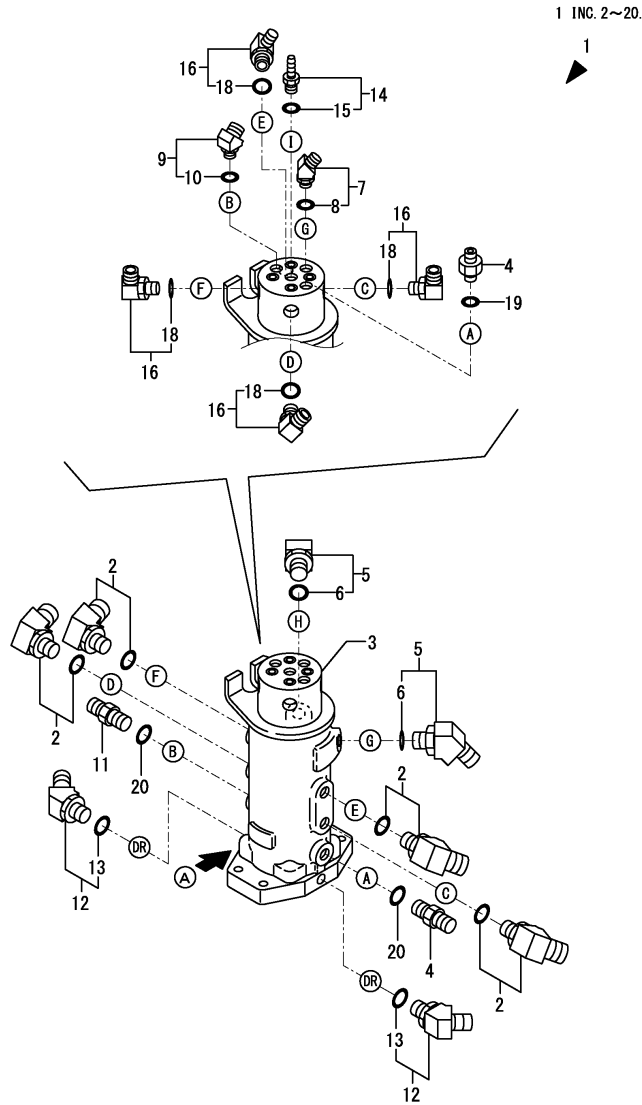
(1)A : 'NACHI' label.  
 Interchangeable by Fig.105(55B) No.1.(From Y specification. to N specification.)  
 The inner parts are not compatible.



Fig.105. (55B)SWIVEL JOINT KIT(N SPEC.)(FROM M14006)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

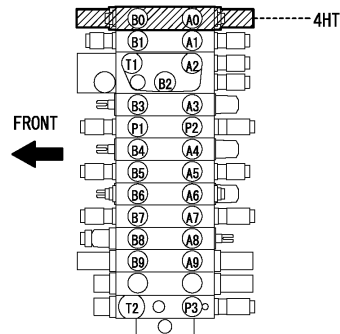
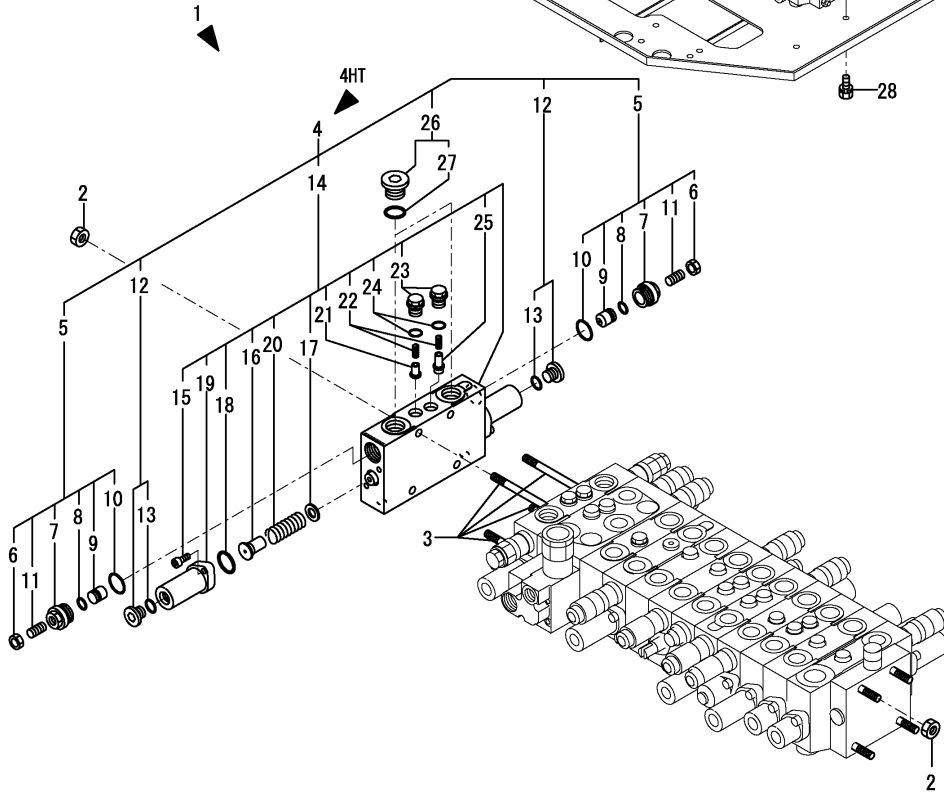
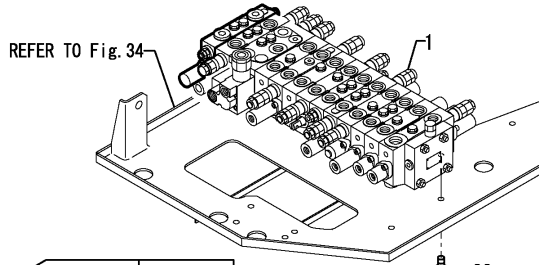


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A65-73900 (A=M14006) (B=M14006) (C=M14006)	JOINT KIT, SWIVEL	1	1	1					W
2	2	1D4180-22850	ELBOW, 45 PF1/2	4	4	4					
3	2	172A65-73800	JOINT ASSY, SWIVEL	1	1	1					1
4	2	172730-75141	ADAPTER	2	2	2					
5	2	172173-76102	CONNECTOR ASSY	2	2	2					
6	3	41851-000110	O-RING	1	1	1					
7	2	172173-76102	CONNECTOR ASSY	1	1	1					
8	3	41851-000110	O-RING	1	1	1					
9	2	172B03-76150	ELBOW	1	1	1					
10	3	41851-000140	O-RING	1	1	1					
11	2	172168-76162	CONNECTOR, PF1/2X3/8	1	1	1					
12	2	172644-76161	ELBOW, ADJUST	2	2	2					
13	3	24315-000140	O-RING, 1BP14.0	1	1	1					
14	2	172A65-76700	CONNECTOR, G3/8	1	1	1					
15	3	41851-000140	O-RING	1	1	1					
16	2	172141-76900	CONNECTOR ASSY	4	4	4					
18	3	24315-000180	O-RING, 1BP18.0	1	1	1					
19	2	41851-000140	O-RING	1	1	1					
20	2	41851-000140	O-RING	2	2	2					

Remarks  
 (1)A : 'NACHI' label.  
 Inner parts are shown in Fig.104(55A).

Fig.56. CONTROL VALVE(1/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

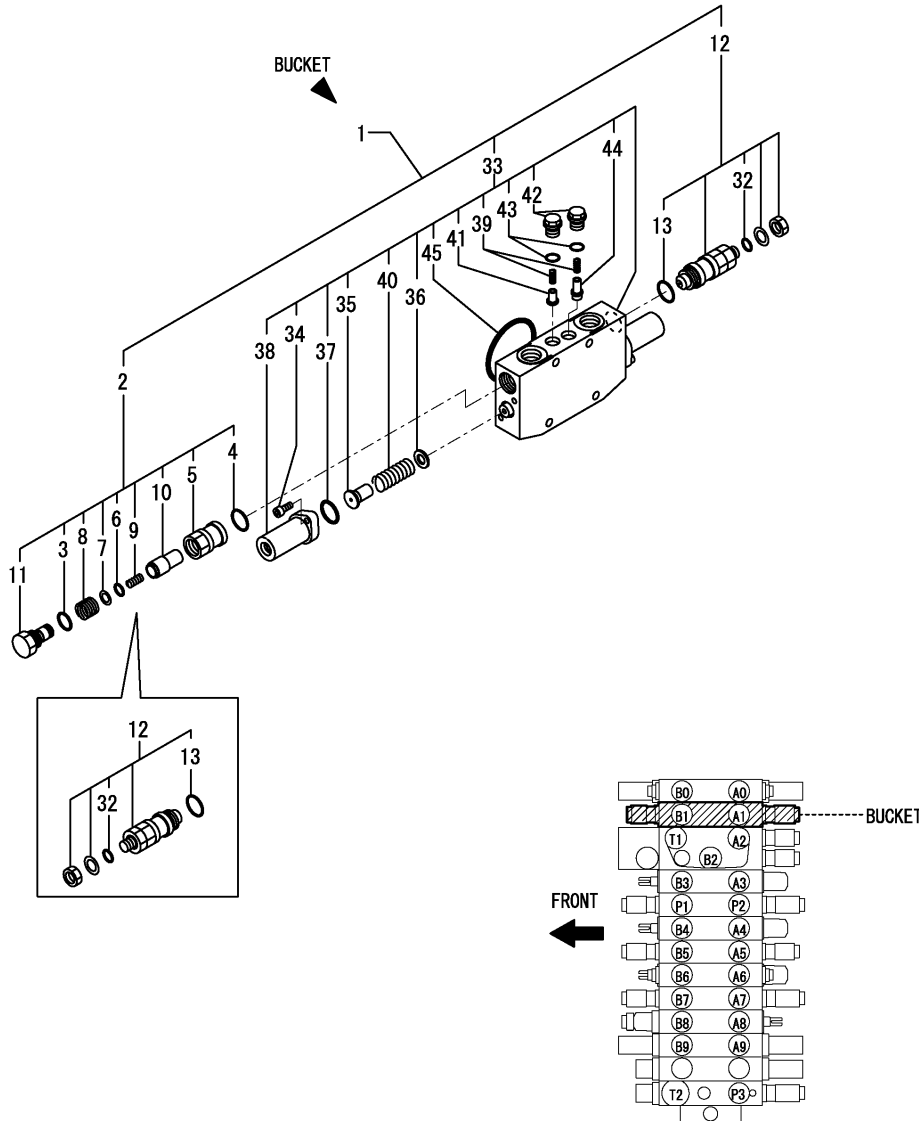
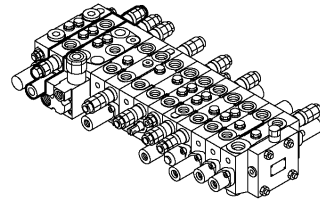
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-74111	VALVE ASSY, CONTROL	1	1	1					
1-1	1	172478-74112	VALVE ASSY, CONTROL	1	1	1					N
				(A=M/#11504)		(B=M/#11504)		(C=M/#11504)			
2	2	172422-74110	NUT	8	8	8					
3	2	172478-74150	ROD, TIE	4	4	4					
4	2	172478-74630	SECTION ASSY, 4TH	1	1	1					
5	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2					
6	4	172455-74010	NUT, SHOE	2	2	2					
7	4	172455-74020	PLUG	2	2	2					
8	4	172455-74030	O-RING	2	2	2					
9	4	172455-74040	POPPET	2	2	2					
10	4	172116-74150	O-RING	2	2	2					
11	4	172455-74990	SCREW, SETTING	2	2	2					
12	3	172478-74440	PLUG ASSY	2	2	2					
13	4	24315-000110	O-RING, 1BP11.0	2	2	2					
14	3	172478-74460	SECTION, 4TH	1	1	1					
15	4	172151-74060	BOLT, SOCKET HEAD	4	4	4					
16	4	172478-74180	SEAT, SPRING	2	2	2					
17	4	172175-74220	SEAT, SPRING	2	2	2					
18	4	172151-74320	O-RING	2	2	2					
19	4	172455-74390	CAP	2	2	2					
20	4	172455-74410	SPRING	2	2	2					
21	4	172455-74420	POPPET	1	1	1					
22	4	172455-74440	SPRING	2	2	2					
23	4	172455-74450	PLUG	2	2	2					
24	4	172455-74460	O-RING	2	2	2					
25	4	172478-74470	POPPET	1	1	1					
26	3	172187-74550	PLUG ASSY	2	2	2					
27	4	24315-000180	O-RING, 1BP18.0	2	2	2					
28	1	26013-100162	BOLT, M10X 16	3	3	3					

Fig.57. CONTROL VALVE(2/8)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

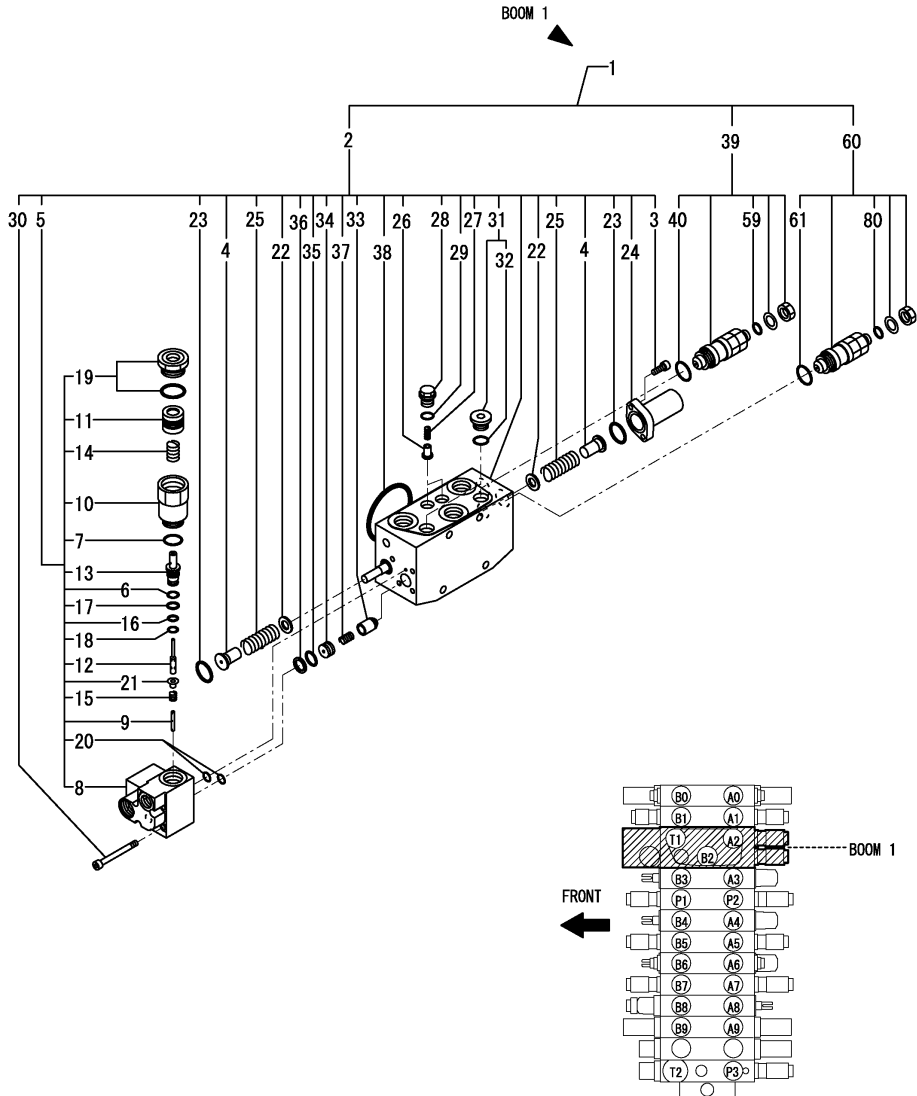
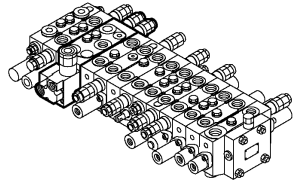
CONTROL VALVE ASSY  
 172478-74111  
 Fig. 56 Ref. NO. 1  
 inc. Fig. 56 Ref. NO. 2~27  
 Fig. 57~63.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74600	SECTION ASSY, BUCKET	1	1	1					
1-1	2	172478-74601	SECTION ASSY, BUCKET	1	1	1					N
		(A=M/#11504) (B=M/#11504) (C=M/#11504)									
2	3	172455-74250	VALVE, ANTI-VOIDE	1	1	1					Z
		(A=M/#11504) (B=M/#11504) (C=M/#11504)									
3	4	172112-06490	O-RING	1	1	1					
4	4	172116-74150	O-RING	1	1	1					
5	4	172455-74770	CAP	1	1	1					
6	4	172455-74910	O-RING	1	1	1					
7	4	172455-74920	RING, BUCK UP	1	1	1					
8	4	172455-74930	SPRING	1	1	1					
9	4	172455-74960	SPRING	1	1	1					
10	4	172455-74970	POPPET	1	1	1					
11	4	172455-74980	PLUG	1	1	1					
12	3	172478-74400	VALVE, RELIEF	1	1	1					
12-1	3	172478-74400	VALVE, RELIEF	2	2	2					K
		(A=M/#11504) (B=M/#11504) (C=M/#11504)									
13	4	172116-74150	O-RING	2	2	2					
32	4	24315-000100	O-RING, 1BP10.0	2	2	2					
33	3	172478-74480	SECTION, BUCKET	1	1	1					
34	4	172151-74060	BOLT, SOCKET HEAD	4	4	4					
35	4	172478-74180	SEAT, SPRING	2	2	2					
36	4	172175-74220	SEAT, SPRING	2	2	2					
37	4	172151-74320	O-RING	2	2	2					
38	4	172455-74390	CAP	2	2	2					
39	4	172455-74400	SEAT, SPRING	2	2	2					
40	4	172455-74410	SPRING	2	2	2					
41	4	172455-74420	POPPET	1	1	1					
42	4	172455-74450	PLUG	2	2	2					
43	4	172455-74460	O-RING	2	2	2					
44	4	172478-74470	POPPET	1	1	1					
45	4	24321-000700	O-RING, 1AG70.0	1	1	1					

Fig.58. CONTROL VALVE(3/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

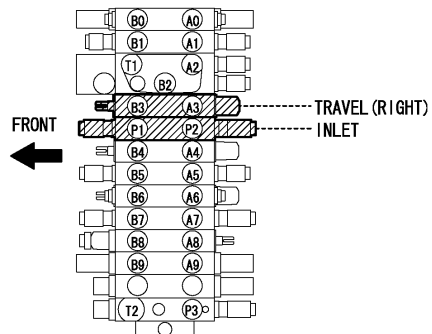
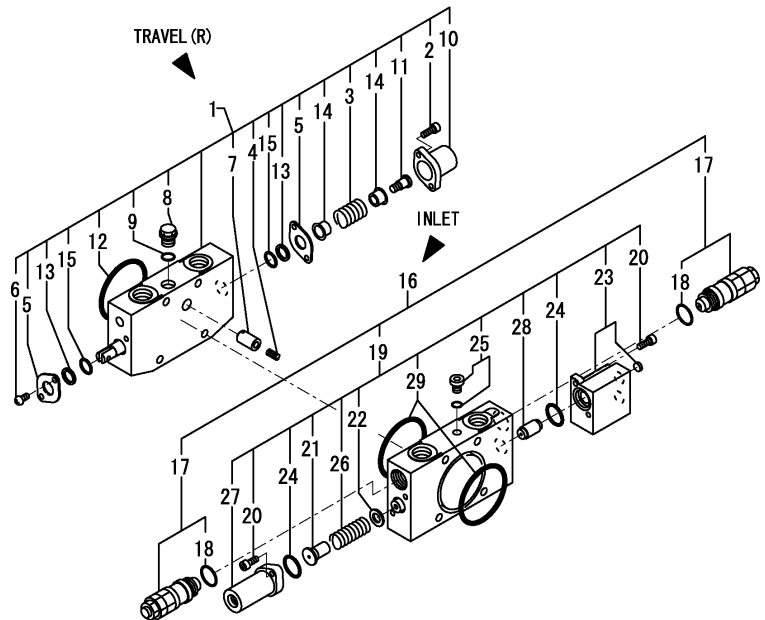
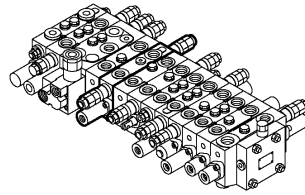
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74510	SECTION ASSY, BLADE	1	1	1					
2	3	172478-74190	SECTION, BOOM	1	1	1					
3	4	172151-74060	BOLT, SOCKET HEAD	2	2	2					
4	4	172478-74180	SEAT, SPRING	2	2	2					
5	4	172488-74200	VALVE ASSY	1	1	1					
6	4	172638-73650	RING, BUCK UP	1	1	1					1
7	4	172116-74150	O-RING	1	1	1					1
8	4	172488-74210	BODY	1	1	1					1
9	4	172455-74590	POPPET	1	1	1					1
10	4	172455-74600	PLUG	1	1	1					1
11	4	172488-74220	PISTON	1	1	1					1
12	4	172455-74620	SPOOL	1	1	1					1
13	4	172455-74630	SLEEVE	1	1	1					1
14	4	172455-74640	SPRING	1	1	1					1
15	4	172455-74650	SPRING	1	1	1					1
16	4	172455-74660	O-RING	1	1	1					1
17	4	172455-74670	O-RING	1	1	1					1
18	4	172455-74680	RING, BUCK UP	1	1	1					1
19	4	172187-74690	PLUG ASSY	1	1	1					1
20	4	172455-74690	O-RING	2	2	2					1
21	4	172455-74720	SEAT, SPRING	1	1	1					1
22	4	172175-74220	SEAT, SPRING	2	2	2					
23	4	172151-74320	O-RING	2	2	2					
24	4	172455-74390	CAP	1	1	1					
25	4	172455-74410	SPRING	2	2	2					
26	4	172455-74420	POPPET	2	2	2					
27	4	172455-74440	SPRING	2	2	2					
28	4	172455-74450	PLUG	2	2	2					
29	4	172455-74460	O-RING	2	2	2					
30	4	172455-74530	BOLT, SOCKET HEAD	5	5	5					
31	4	172187-74540	PLUG ASSY	2	2	2					
32	5	24315-000140	O-RING, 1BP14.0	2	2	2					
33	4	172455-74550	POPPET	1	1	1					
34	4	172455-74560	SPACER	1	1	1					
35	4	172455-74570	O-RING	1	1	1					
36	4	172455-74580	RING, BUCK UP	1	1	1					
37	4	172187-74630	SPRING	1	1	1					
38	4	24321-000700	O-RING, 1AG70.0	1	1	1					
39	3	172478-74400	VALVE, RELIEF	1	1	1					
40	4	172116-74150	O-RING	1	1	1					
59	4	24315-000100	O-RING, 1BP10.0	1	1	1					
60	3	172478-74420	VALVE, RELIEF	1	1	1					
61	4	172116-74150	O-RING	1	1	1					
80	4	24315-000100	O-RING, 1BP10.0	1	1	1					

Remarks  
(1) Inner parts of No.5.

Fig.59. CONTROL VALVE(4/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



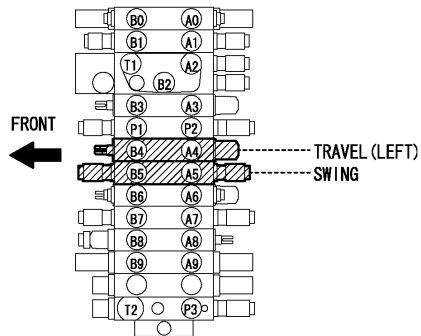
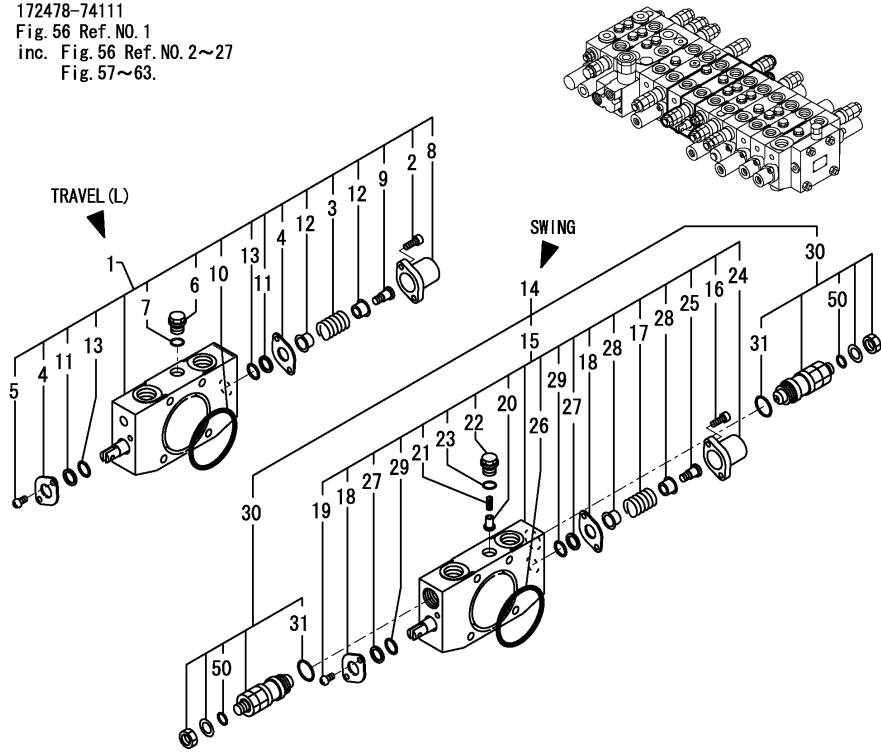
(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74220	SECTION, TRAVEL	1	1	1					
2	3	172151-74060	BOLT, SOCKET HEAD	2	2	2					
3	3	172113-74170	SPRING	1	1	1					
4	3	172113-74190	SPRING	1	1	1					
5	3	172116-74190	PLATE, SEAL	2	2	2					
6	3	172823-74240	SCREW	2	2	2					
7	3	172187-74410	POPPET	1	1	1					
8	3	172455-74450	PLUG	1	1	1					
9	3	172455-74460	O-RING	1	1	1					
10	3	172455-74730	CAP	1	1	1					
11	3	172455-74740	SCREW, CAP	1	1	1					
12	3	24321-000700	O-RING, 1AG70.0	1	1	1					
13	3	933166-80520	WIPER	2	2	2					
14	3	933171-80510	SEAT, SPRING	2	2	2					
15	3	933171-80610	O-RING	2	2	2					
16	2	172478-74520	SECTION ASSY, INLET	1	1	1					
17	3	172187-74160	VALVE, RELIEF	2	2	2					
18	4	172116-74150	O-RING	4	4	4					
19	3	172478-74230	SECTION, INLET	1	1	1					
20	4	172151-74060	BOLT, SOCKET HEAD	4	4	4					
21	4	172478-74180	SEAT, SPRING	1	1	1					
22	4	172175-74220	SEAT, SPRING	1	1	1					
23	4	172488-74240	CAP ASSY	1	1	1					
24	4	172151-74320	O-RING	2	2	2					
25	4	172422-74330	PLUG ASSY	1	1	1					
26	4	172455-74470	SPRING	1	1	1					
26-1	4	172455-74410	SPRING	1	1	1					N
				(A=M/#11280)	(B=M/#11280)	(C=M/#11280)					
27	4	172455-74480	CAP	1	1	1					
28	4	172455-74520	PISTON	1	1	1					
29	4	24321-000700	O-RING, 1AG70.0	2	2	2					

Fig.60. CONTROL VALVE(5/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



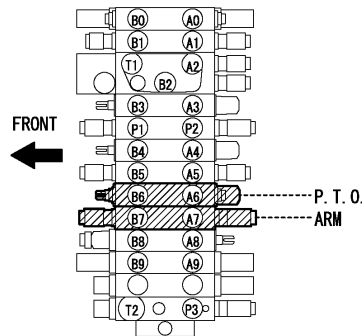
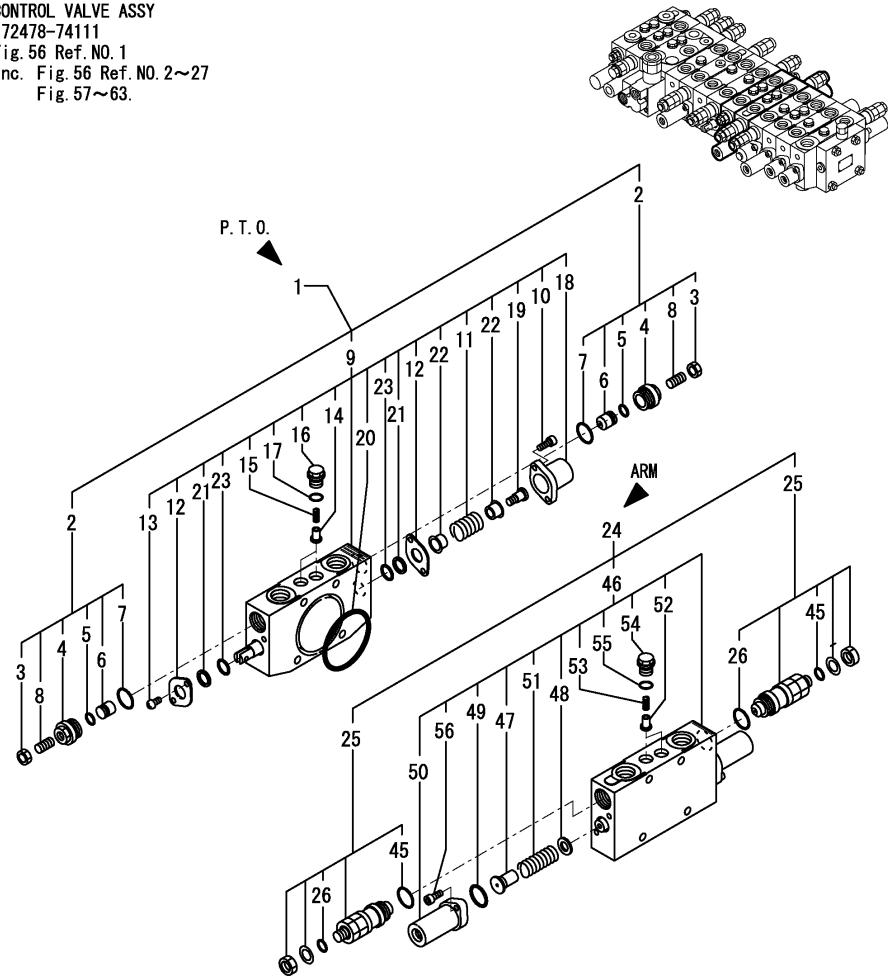
(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74260	SECTION, TRAVEL	1	1	1					
2	3	172151-74060	BOLT, SOCKET HEAD	2	2	2					
3	3	172113-74170	SPRING	1	1	1					
4	3	172116-74190	PLATE, SEAL	2	2	2					
5	3	172823-74240	SCREW	2	2	2					
6	3	172455-74450	PLUG	1	1	1					
7	3	172455-74460	O-RING	1	1	1					
8	3	172455-74730	CAP	1	1	1					
9	3	172455-74740	SCREW, CAP	1	1	1					
10	3	24321-000700	O-RING, 1AG70.0	1	1	1					
11	3	933166-80520	WIPER	2	2	2					
12	3	933171-80510	SEAT, SPRING	2	2	2					
13	3	933171-80610	O-RING	2	2	2					
14	2	172478-74530	SECTION ASSY, SWING	1	1	1					
15	3	172478-74270	SECTION, SWING	1	1	1					
16	4	172151-74060	BOLT, SOCKET HEAD	2	2	2					
17	4	172113-74170	SPRING	1	1	1					
18	4	172116-74190	PLATE, SEAL	2	2	2					
19	4	172823-74240	SCREW	2	2	2					
20	4	172455-74420	POPPET	1	1	1					
21	4	172455-74440	SPRING	1	1	1					
22	4	172455-74450	PLUG	1	1	1					
23	4	172455-74460	O-RING	1	1	1					
24	4	172455-74730	CAP	1	1	1					
25	4	172455-74740	SCREW, CAP	1	1	1					
26	4	24321-000700	O-RING, 1AG70.0	1	1	1					
27	4	933166-80520	WIPER	2	2	2					
28	4	933171-80510	SEAT, SPRING	2	2	2					
29	4	933171-80610	O-RING	2	2	2					
30	3	172478-74400	VALVE, RELIEF	2	2	2					
31	4	172116-74150	O-RING	2	2	2					
50	4	24315-000100	O-RING, 1BP10.0	2	2	2					

Fig.61. CONTROL VALVE(6/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



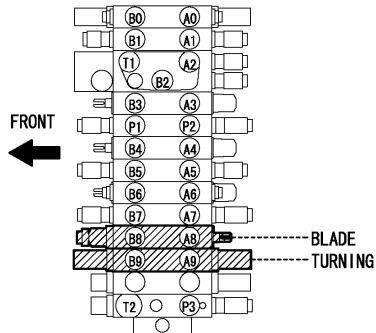
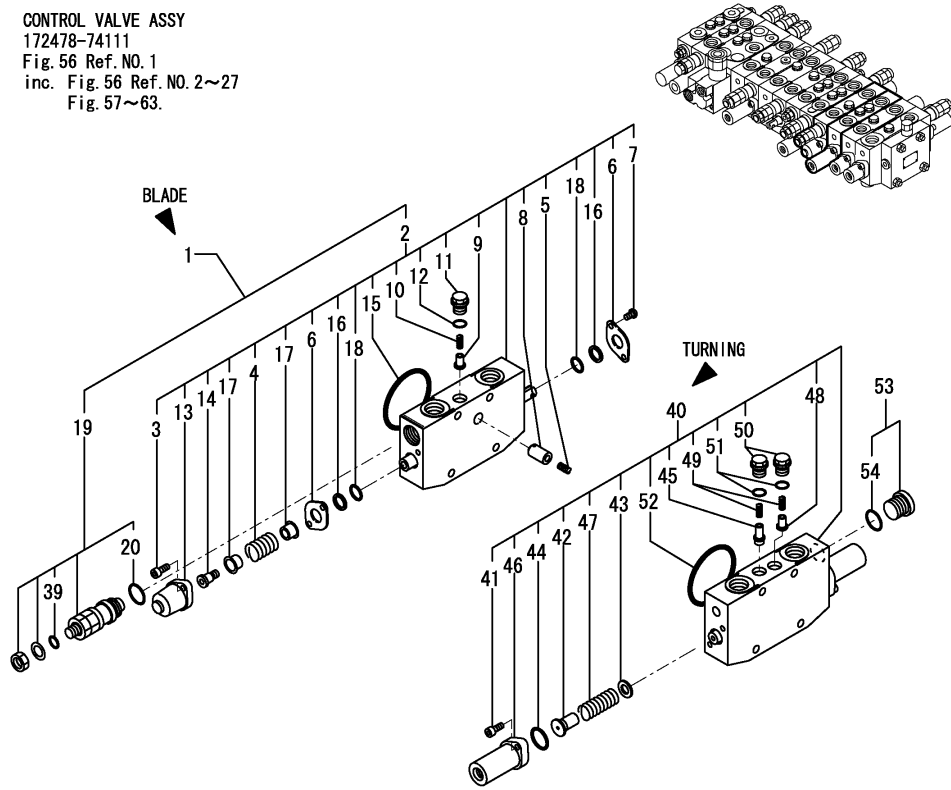
(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74610	SECTION ASSY, PTO	1	1	1					
2	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2					
3	4	172455-74010	NUT, SHOE	2	2	2					
4	4	172455-74020	PLUG	2	2	2					
5	4	172455-74030	O-RING	2	2	2					
6	4	172455-74040	POPPET	2	2	2					
7	4	172116-74150	O-RING	2	2	2					
8	4	172455-74990	SCREW, SETTING	2	2	2					
9	3	172478-74450	SECTION, PTO	1	1	1					
10	4	172151-74060	BOLT, SOCKET HEAD	2	2	2					
11	4	172113-74170	SPRING	1	1	1					
12	4	172116-74190	PLATE, SEAL	2	2	2					
13	4	172823-74240	SCREW	2	2	2					
14	4	172455-74420	POPPET	2	2	2					
15	4	172455-74440	SPRING	2	2	2					
16	4	172455-74450	PLUG	2	2	2					
17	4	172455-74460	O-RING	2	2	2					
18	4	172455-74730	CAP	1	1	1					
19	4	172455-74740	SCREW, CAP	1	1	1					
20	4	24321-000700	O-RING, 1AG70.0	1	1	1					
21	4	933166-80520	WIPER	2	2	2					
22	4	933171-80510	SEAT, SPRING	2	2	2					
23	4	933171-80610	O-RING	2	2	2					
24	2	172478-74621	SECTION ASSY, ARM	1	1	1					
25	3	172478-74400	VALVE, RELIEF	2	2	2					
26	4	172116-74150	O-RING	2	2	2					
45	4	24315-000100	O-RING, 1BP10.0	2	2	2					
46	3	172478-74491	SECTION, ARM	1	1	1					
47	4	172478-74180	SEAT, SPRING	2	2	2					
48	4	172175-74220	SEAT, SPRING	2	2	2					
49	4	172151-74320	O-RING	2	2	2					
50	4	172455-74390	CAP	2	2	2					
51	4	172455-74410	SPRING	2	2	2					
52	4	172455-74420	POPPET	2	2	2					
53	4	172455-74440	SPRING	2	2	2					
54	4	172455-74450	PLUG	2	2	2					
55	4	172455-74460	O-RING	2	2	2					
56	4	172151-74060	BOLT, SOCKET HEAD	4	4	4					

Fig.62. CONTROL VALVE(7/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

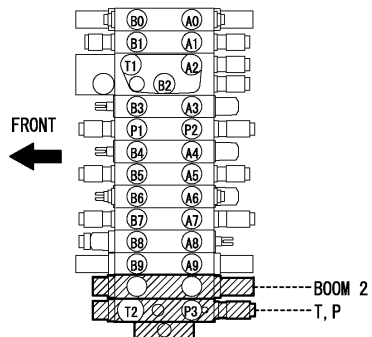
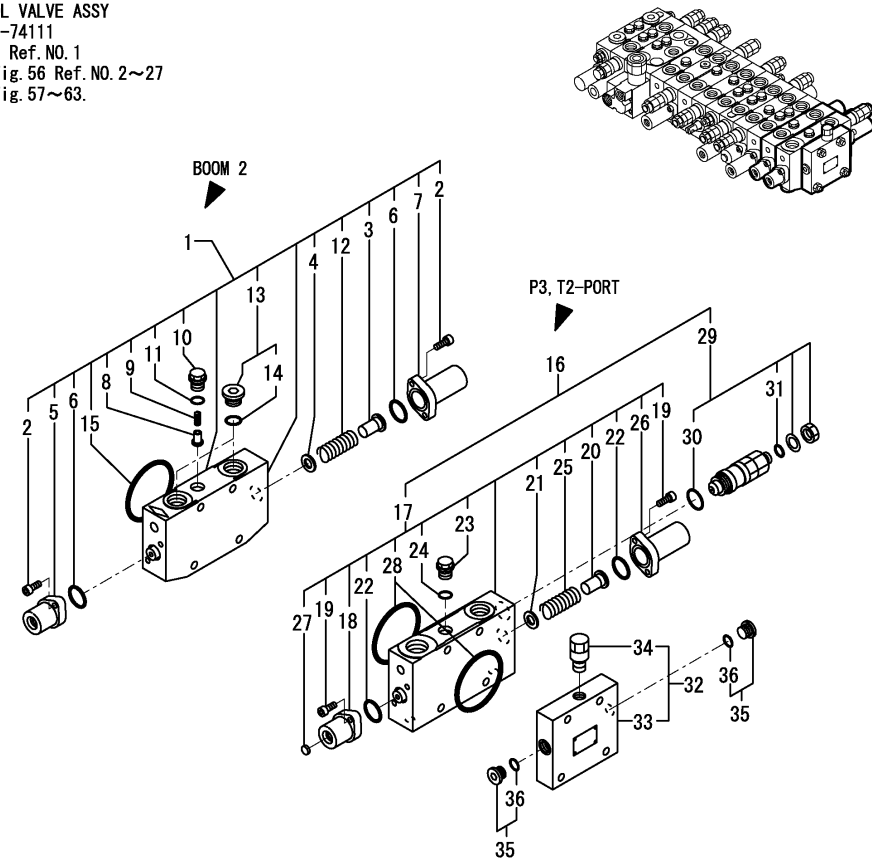
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74560	SECTION ASSY, BLADE	1	1	1					
2	3	172478-74300	SECTION, BLADE	1	1	1					
3	4	172151-74060	BOLT, SOCKET HEAD	2	2	2					
4	4	172113-74170	SPRING	1	1	1					
5	4	172113-74190	SPRING	1	1	1					
6	4	172116-74190	PLATE, SEAL	2	2	2					
7	4	172823-74240	SCREW	2	2	2					
8	4	172187-74410	POPPET	1	1	1					
9	4	172455-74420	POPPET	1	1	1					
10	4	172455-74440	SPRING	1	1	1					
11	4	172455-74450	PLUG	1	1	1					
12	4	172455-74460	O-RING	1	1	1					
13	4	172455-74730	CAP	1	1	1					
14	4	172455-74740	SCREW, CAP	1	1	1					
15	4	24321-000700	O-RING, 1AG70.0	1	1	1					
16	4	933166-80520	WIPER	2	2	2					
17	4	933171-80510	SEAT, SPRING	2	2	2					
18	4	933171-80610	O-RING	2	2	2					
19	3	172478-74430	VALVE, RELIEF	1	1	1					
20	4	172116-74150	O-RING	1	1	1					
39	4	24315-000100	O-RING, 1BP10.0	1	1	1					
40	2	172478-74311	SECTION, SWING	1	1	1					
41	3	172151-74060	BOLT, SOCKET HEAD	4	4	4					
42	3	172478-74180	SEAT, SPRING	2	2	2					
43	3	172175-74220	SEAT, SPRING	2	2	2					
44	3	172151-74320	O-RING	2	2	2					
45	3	172478-74320	POPPET	1	1	1					
46	3	172455-74390	CAP	2	2	2					
47	3	172455-74410	SPRING	2	2	2					
48	3	172455-74420	POPPET	1	1	1					
49	3	172455-74440	SPRING	2	2	2					
50	3	172455-74450	PLUG	2	2	2					
51	3	172455-74460	O-RING	2	2	2					
52	3	24321-000700	O-RING, 1AG70.0	1	1	1					
53	2	172455-74380	PLUG ASSY	1	1	1					
54	3	24315-000180	O-RING, 1BP18.0	1	1	1					



Fig.63. CONTROL VALVE(8/8)

CONTROL VALVE ASSY  
172478-74111  
Fig. 56 Ref. NO. 1  
inc. Fig. 56 Ref. NO. 2~27  
Fig. 57~63.



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

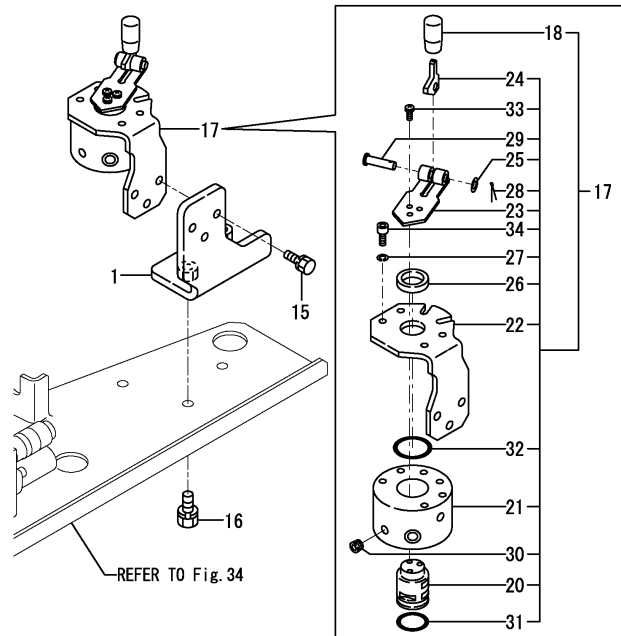
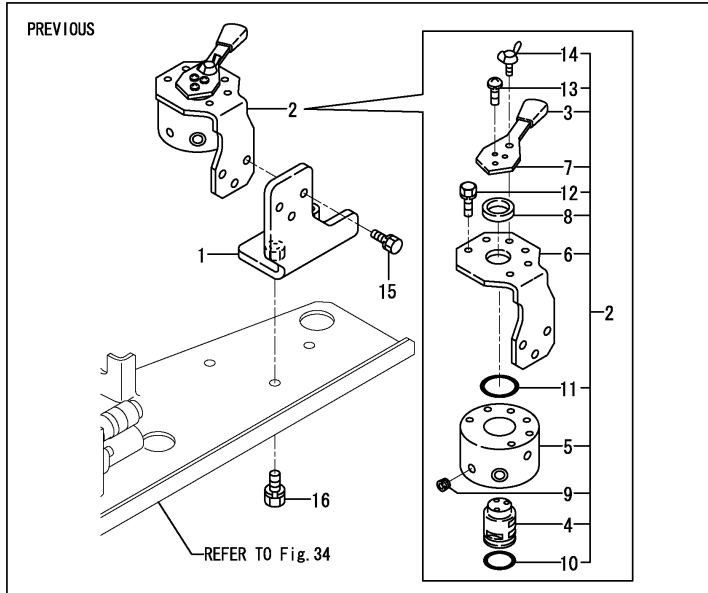
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172478-74330	SECTION, BOOM	1	1	1					
2	3	172151-74060	BOLT, SOCKET HEAD	4	4	4					
3	3	172478-74180	SEAT, SPRING	1	1	1					
4	3	172175-74220	SEAT, SPRING	1	1	1					
5	3	172445-74280	CAP	1	1	1					
6	3	172151-74320	O-RING	2	2	2					
7	3	172455-74390	CAP	1	1	1					
8	3	172455-74420	POPPET	1	1	1					
9	3	172455-74440	SPRING	1	1	1					
10	3	172455-74450	PLUG	1	1	1					
11	3	172455-74460	O-RING	1	1	1					
12	3	172455-74470	SPRING	1	1	1					
13	3	172187-74540	PLUG ASSY	2	2	2					
14	4	24315-000140	O-RING, 1BP14.0	2	2	2					
15	3	24321-000700	O-RING, 1AG70.0	1	1	1					
16	2	172478-74570	SECTION ASSY	1	1	1					
17	3	172478-74340	SECTION, CONTROL	1	1	1					
18	4	172455-74050	CAP	1	1	1					
19	4	172151-74060	BOLT, SOCKET HEAD	4	4	4					
20	4	172478-74180	SEAT, SPRING	1	1	1					
21	4	172175-74220	SEAT, SPRING	1	1	1					
22	4	172151-74320	O-RING	2	2	2					
23	4	172455-74450	PLUG	1	1	1					
24	4	172455-74460	O-RING	1	1	1					
25	4	172455-74470	SPRING	1	1	1					
26	4	172455-74480	CAP	1	1	1					
27	4	172455-74510	FILTER	1	1	1					
28	4	24321-000700	O-RING, 1AG70.0	2	2	2					
29	3	172478-74380	VALVE, RELIEF	1	1	1					
30	4	172116-74150	O-RING	1	1	1					
31	4	24315-000100	O-RING, 1BP10.0	1	1	1					
32	2	172478-74350	BODY ASSY	1	1	1					
33	3	172478-74360	BODY	1	1	1					
34	3	172478-74370	PLUG ASSY	1	1	1					
35	2	172478-74440	PLUG ASSY	2	2	2					
36	3	24315-000110	O-RING, 1BP11.0	2	2	2					

Fig.64. 2-WAY VALVE

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172463-74300	BRACKET ASSY,2W	1	1	1					
2	1	172437-74701	VALVE ASSY,2WAY	1	1	1					1
3	2	194273-47910	KNOB, CHANGE LEVER	1	1	1					
4	2	172437-74711	SHAFT	1	1	1					
5	2	172437-74720	BLOCK,VALVE	1	1	1					
6	2	172437-74731	STAY ASSY	1	1	1					
6-1	2	172437-74732	STAY ASSY	1	1	1					N
		(A=M/#10676) (B=M/#10676) (C=M/#10676)									
7	2	172437-74750	LEVER	1	1	1					
8	2	22137-240000	WASHER, 24	1	1	1					
9	2	23871-010000	PLUG, R01	4	4	4					
10	2	24311-000250	O-RING, 1AP25.0	1	1	1					
11	2	24311-000320	O-RING, 1AP32.0	1	1	1					
12	2	26013-060162	BOLT, M6X 16	4	4	4					
13	2	26022-050122	SCREW, M5X12	3	3	3					
14	2	26647-060202	BOLT, WING M6X20	1	1	1					
15	1	26013-080252	BOLT, M8X 25	3	3	3					
16	1	26013-100252	BOLT, M10X 25	2	2	2					
17	1	172A36-74690	VALVE ASSY, 2-WAY	1	1	1					W
		(A=M/#11854) (B=M/#11854) (C=M/#11854)									
18	2	172157-58830	KNOB, 6.5X18X35	1	1	1					
20	3	172437-74711	SHAFT	1	1	1					
21	3	172437-74720	BLOCK,VALVE	1	1	1					
22	3	172437-74732	STAY ASSY	1	1	1					
23	3	172A36-74750	LEVER	1	1	1					
24	3	172A36-74780	PLATE,LOCK	1	1	1					
25	3	22117-080000	WASHER, 8	1	1	1					
26	3	22137-240000	WASHER, 24	1	1	1					
27	3	22217-060000	WASHER, SPRING 6	4	4	4					
28	3	22417-200160	PIN, COTTER 2.0X16	1	1	1					
29	3	22487-080300	PIN, H 8X 30	1	1	1					
30	3	23871-010000	PLUG, R01	4	4	4					
31	3	24311-000250	O-RING, 1AP25.0	1	1	1					
32	3	24311-000320	O-RING, 1AP32.0	1	1	1					
33	3	26022-050122	SCREW, M5X12	3	3	3					
34	3	26450-060162	BOLT, M6X 16	4	4	4					

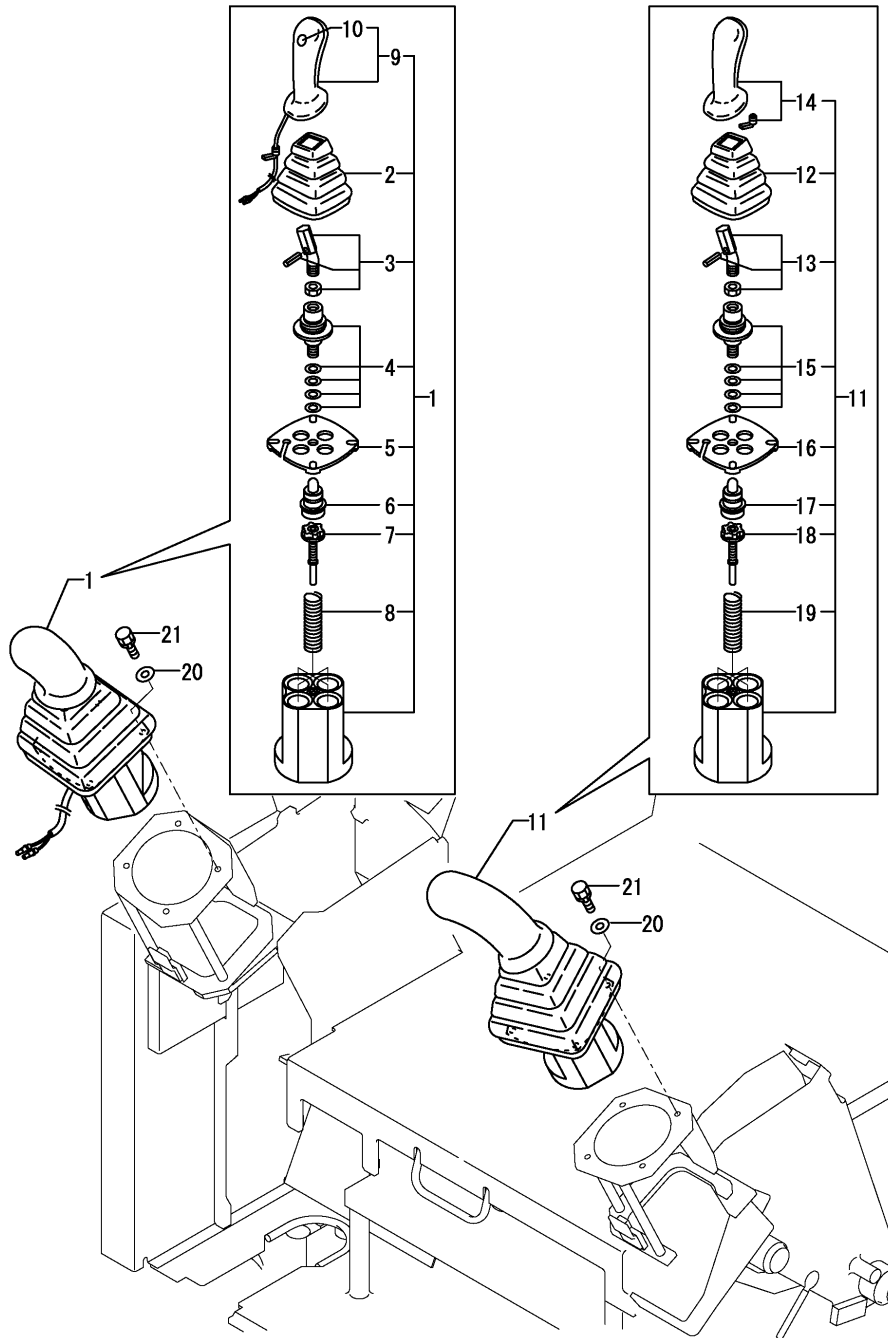
Remarks

(1)Interchangeable with No.17.

Fig.65. REMOTE CONTROL VALVE

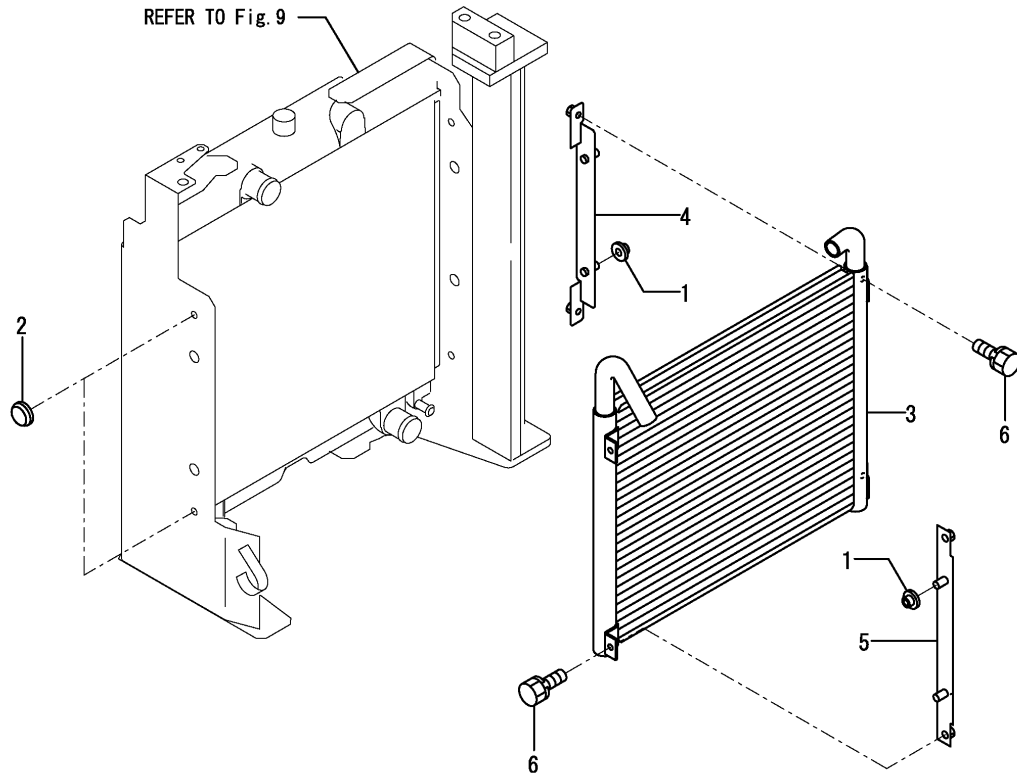
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



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

Fig.66. OIL COOLER



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

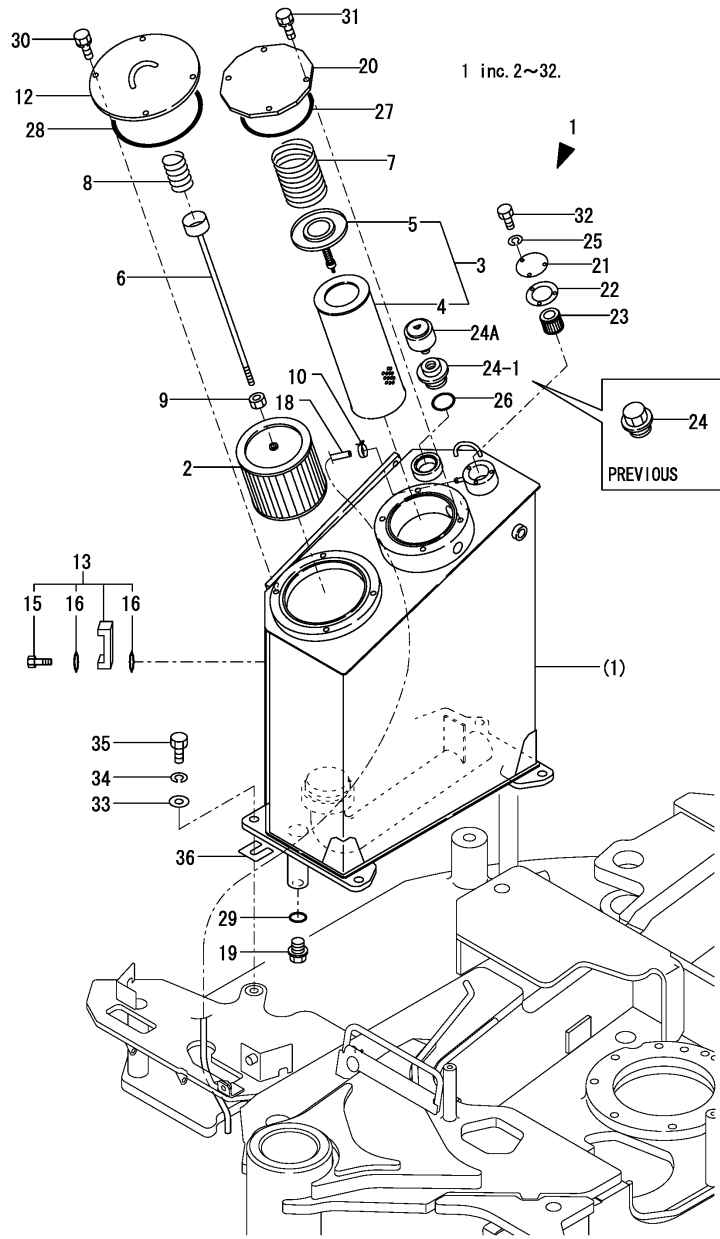
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172446-13330	ABSORBER, SHOCK	4	4	4					
2	1	172312-17260	GROMMET	2	2	2					
3	1	172187-74800	COOLER ASSY, OIL	1	1	1					
4	1	172A21-74850	BRACKET ASSY	1	1	1					
5	1	172A21-74880	BRACKET ASSY	1	1	1					
6	1	26013-080162	BOLT, M8X 16	4	4	4					

Fig.67. HYD. OIL TANK

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772455-75101	TANK ASSY, OIL	1	1	1					1
2	2	172162-73700	STRAINER, SUCTION	1	1	1					
3	2	172187-73700	FILTER ASSY, RETURN	1	1	1					
4	3	172187-73730	ELEMENT, FILTER	1	1	1					
5	3	172112-74971	VALVE, BY-PASS	1	1	1					
6	2	172141-73710	ROD ASSY, FILTER	1	1	1					
7	2	172112-75770	SPRING, FILTER	1	1	1					
8	2	172112-75780	SPRING, FILTER	1	1	1					
9	2	26716-100002	NUT, M10	1	1	1					
10	2	124766-59050	CLAMP, HOSE 11.5	1	1	1					
10-1	2	23010-014000	CLAMP, 14	1	1	1					S
		(A=M/# 13356) (B=M/# 13356) (C=M/# 13356)									
12	2	172455-75240	COVER ASSY	1	1	1					
13	2	172455-75270	GAUGE ASSY, OIL	1	1	1					
15	3	172455-75290	BOLT	2	2	2					
16	3	172455-75300	O-RING	4	4	4					
18	2	172455-75320	HOSE	1	1	1					
18-1	2	172A21-75110	HOSE	1	1	1					S
		(A=M/# 13356) (B=M/# 13356) (C=M/# 13356)									
19	2	172455-75330	PLUG, DRAIN	1	1	1					
20	2	172187-75340	COVER, TANK	1	1	1					
21	2	172165-75450-2	PLATE	1	1	1					
22	2	172165-75460	GASKET	1	1	1					
23	2	172165-75481	ELEMENT	1	1	1					
24	2	172116-75850-3	PLUG, OIL FEED	1	1	1					
24-1	2	172519-75250-3	PLUG ASSY	1	1	1					S
		(A=M/# 13356) (B=M/# 13356) (C=M/# 13356)									
24A	2	172312-75130	BREATHER, AIR	1	1	1					W
		(A=M/# 13356) (B=M/# 13356) (C=M/# 13356)									
25	2	22217-050000	WASHER, SPRING 5	3	3	3					
26	2	24311-000380	O-RING, 1AP38.0	1	1	1					
27	2	24321-001350	O-RING, 1AG135.0	1	1	1					
28	2	24321-001700	O-RING, 1AG170.0	1	1	1					
29	2	24341-000300	O-RING, 1AS30.0	1	1	1					
30	2	26013-100202	BOLT, M10X 20	4	4	4					
31	2	26013-100202	BOLT, M10X 20	4	4	4					
32	2	26116-050102	BOLT, M5X 10 PLATED	3	3	3					
33	1	22137-160000	WASHER, 16	4	4	4					
34	1	22217-160000	WASHER, SPRING 16	4	4	4					
35	1	26116-160402	BOLT, M16X 40 PLATED	4	4	4					
36	1	172423-68350	SHIM	3	3	3					W
		(A=M/#10961) (B=M/#10961) (C=M/#10961)									
37A	1	172437-03321	LABEL, HYD. OIL TANK	1	1	1					2
38A-1	1	172437-03322	LABEL, RESEVOIR	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
38B	1	172437-03360	LABEL, BATTERY	1	1	1					2
38B-1	1	172437-03361	LABEL, BATTERY	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

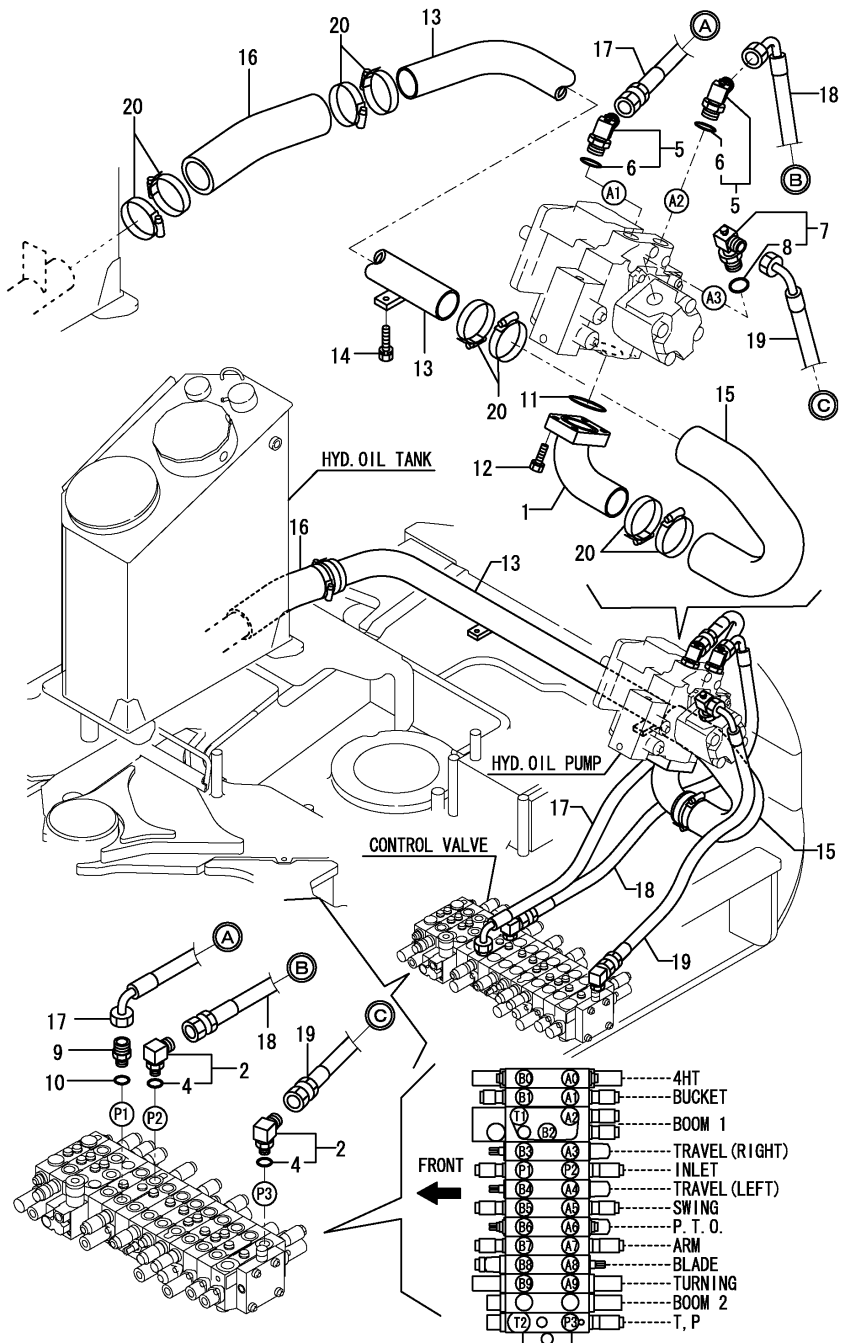
Remarks

- (1) Attach the No.37A & 37B label to this part.
- (2) Label is not illustrated.

Fig.68. TANK - PUMP - CONTROL VALVE

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

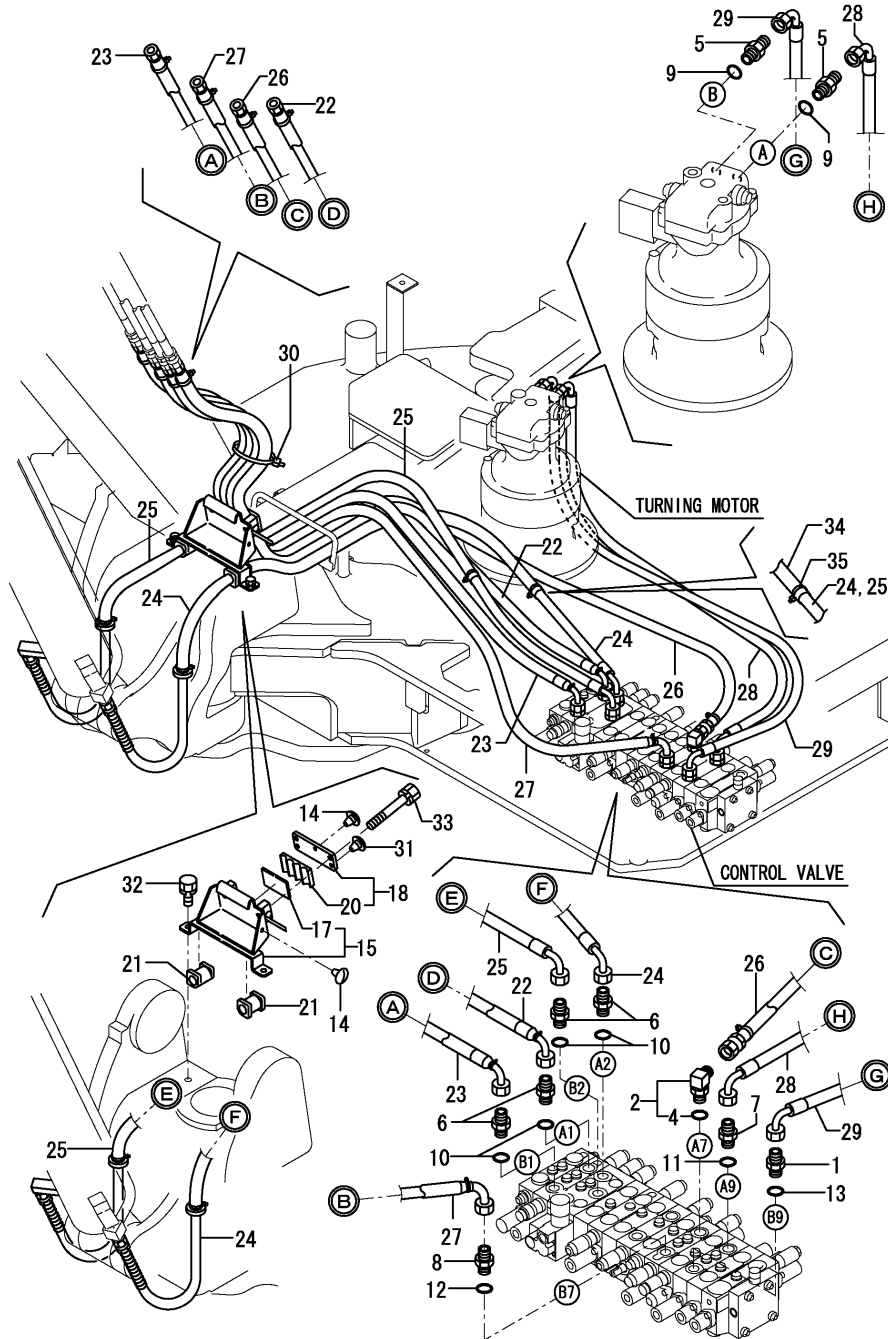


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-76100	FLANGE ASSY	1	1	1					
2	1	172151-76161	ELBOW ASSY	2	2	2					
4	2	24315-000180	O-RING, 1BP18.0	2	2	2					
5	1	172187-76190	ELBOW, ADJUST	2	2	2					
5-1	1	172187-76191	ELBOW, ADJUST	2	2	2					N
(A=M/# 13260) (B=M/# 13260) (C=M/# 13260)											
6	2	24315-000240	O-RING, 1BP24.0	2	2	2					
7	1	172455-76190	ELBOW, ADJUST	1	1	1					
7-1	1	172455-76191	ELBOW, ADJUST	2	2	2					N
(A=M/# 13260) (B=M/# 13260) (C=M/# 13260)											
8	2	24315-000240	O-RING, 1BP24.0	1	1	1					
9	1	172455-76200	CONNECTOR	1	1	1					
10	1	24315-000180	O-RING, 1BP18.0	1	1	1					
11	1	24325-000650	O-RING, 1BG65.0	1	1	1					
12	1	26013-120402	BOLT, M12X 40	4	4	4					
13	1	172455-76400	TUBE ASSY, SUCTION	1	1	1					
14	1	26013-100402	BOLT, M10X 40	2	2	2					
15	1	172455-78100	HOSE	1	1	1					
16	1	172455-78110	HOSE	1	1	1					
17	1	172455-78130	HOSE	1	1	1					
18	1	172455-78140	HOSE	1	1	1					
19	1	172455-78150	HOSE	1	1	1					
20	1	23001-090000	CLAMP, HOSE 90	8	8	8					

Fig.69. CONTROL VALVE - TURNING MOTOR & BOOM

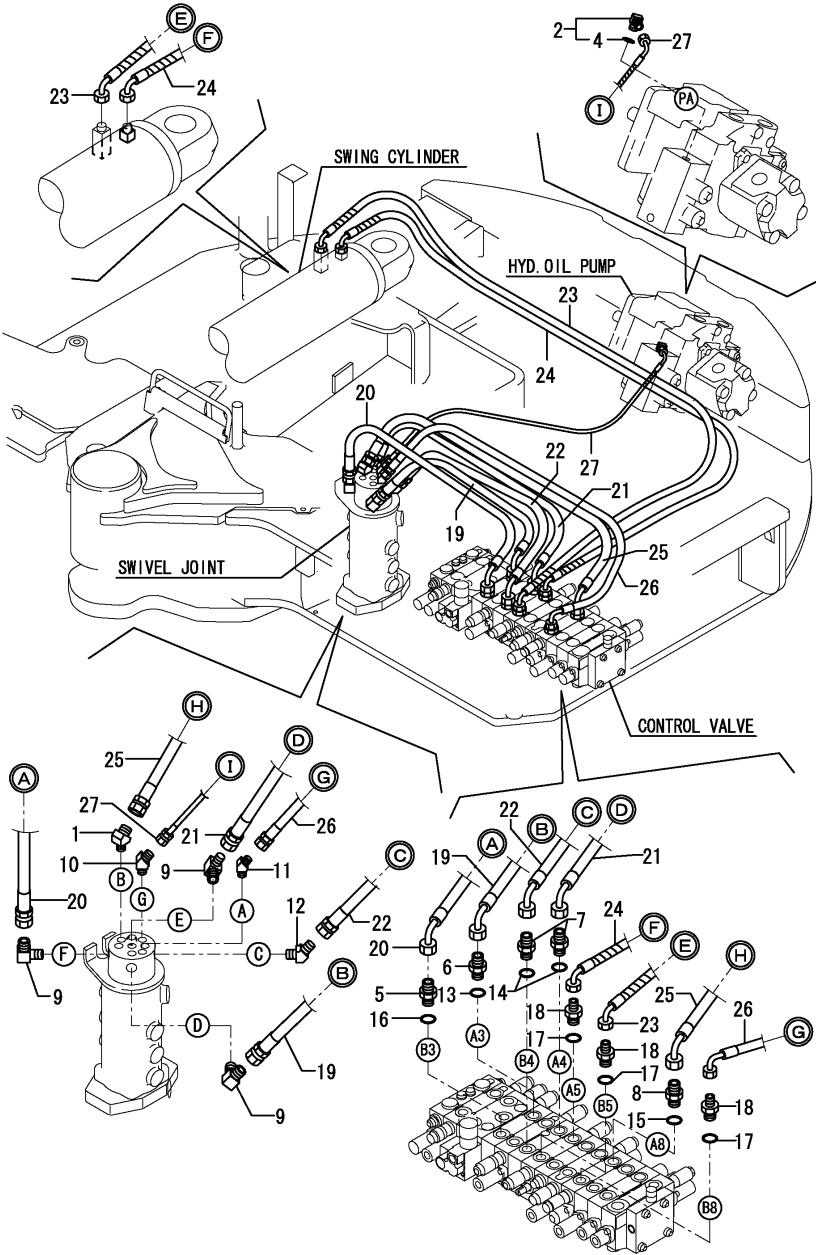
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172147-76271	CONNECTOR, 1/2X1/2	1	1	1					
2	1	172141-76900	CONNECTOR ASSY	1	1	1					
4	2	24315-000180	O-RING, 1BP18.0	1	1	1					
5	1	172112-77361	CONNECTOR	2	2	2					
6	1	172112-77361	CONNECTOR	4	4	4					
7	1	172112-77361	CONNECTOR	1	1	1					
8	1	172112-77361	CONNECTOR	1	1	1					
9	1	24315-000180	O-RING, 1BP18.0	2	2	2					
10	1	24315-000180	O-RING, 1BP18.0	4	4	4					
11	1	24315-000180	O-RING, 1BP18.0	1	1	1					
12	1	24315-000180	O-RING, 1BP18.0	1	1	1					
13	1	24315-000180	O-RING, 1BP18.0	1	1	1					
14	1	172444-17660	CLIP, TREE	2	2	2					
15	1	172478-76590-1	CLAMP ASSY, HOSE	1	1	1					
17	2	172187-76650	RUBBER, HOSE SUPPORT	1	1	1					
18	1	172478-76640-1	PLATE ASSY	1	1	1					
20	2	172187-76700	RUBBER	1	1	1					
21	1	172187-78100	RUBBER	2	2	2					
22	1	172478-78200	HOSE	1	1	1					
23	1	172478-78210	HOSE	1	1	1					
24	1	172478-78220	HOSE	1	1	1					
25	1	172478-78230	HOSE	1	1	1					
26	1	172478-78240	HOSE	1	1	1					
27	1	172478-78250	HOSE	1	1	1					
28	1	172455-78310	HOSE	1	1	1					
29	1	172455-78320	HOSE	1	1	1					
30	1	172122-79930	CLAMP, HOSE	1	1	1					
31	1	172183-81160	CLIP, TREE	2	2	2					
32	1	26013-100202	BOLT, M10X 20	2	2	2					
33	1	26013-100602	BOLT, M10X 60	2	2	2					
34	1	172142-78780	COVER, HOSE	2	2	2					
35	1	172122-79930	CLAMP, HOSE	4	4	4					

Fig.70. PUMP & CONTROL VALVE - SWIVEL JOINT & SWING CYLINDER



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

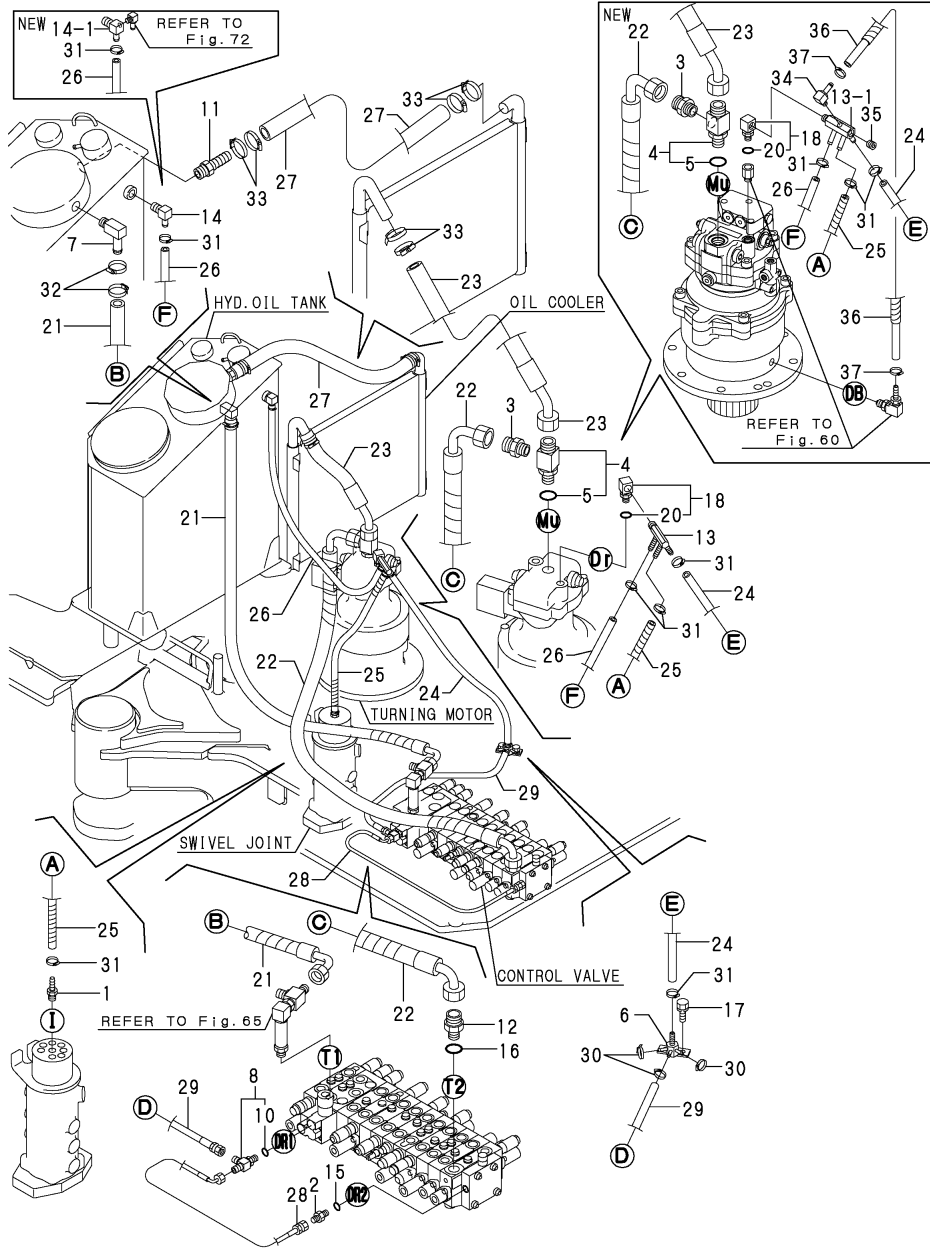
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172312-76020	ELBOW	1	1	1					Z	1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)										
2	1	172141-76180	CONNECTOR ASSY	1	1	1						
4	2	24315-000110	O-RING, 1BP11.0	1	1	1						
5	1	172147-76271	CONNECTOR, 1/2X1/2	1	1	1						
6	1	172112-77361	CONNECTOR	1	1	1						
7	1	172112-77361	CONNECTOR	2	2	2						
8	1	172112-77361	CONNECTOR	1	1	1						
9	1	23393-040000	JOINT, 90RGI-1/2	3	3	3					Z	1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)										
10	1	23394-020000	JOINT, 45RGI-1/4	1	1	1					Z	1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)										
11	1	23394-030000	JOINT, 45RGI-3/8	1	1	1					Z	1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)										
12	1	23394-040000	JOINT, 45RGI-1/2	1	1	1					Z	1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)										
13	1	24315-000180	O-RING, 1BP18.0	1	1	1						
14	1	24315-000180	O-RING, 1BP18.0	2	2	2						
15	1	24315-000180	O-RING, 1BP18.0	1	1	1						
16	1	24315-000180	O-RING, 1BP18.0	1	1	1						
17	1	24315-000180	O-RING, 1BP18.0	3	3	3						
18	1	933160-01370	CONNECTOR, PF1/2PF3/8	3	3	3						
19	1	172455-78210	HOSE	1	1	1						
20	1	172455-78220	HOSE	1	1	1						
21	1	172455-78230	HOSE	1	1	1						
22	1	172455-78240	HOSE	1	1	1						
23	1	172478-78260	HOSE	1	1	1						
24	1	172478-78270	HOSE	1	1	1						
25	1	172455-78290	HOSE	1	1	1						
26	1	172455-78300	HOSE	1	1	1						
27	1	172478-78670	HOSE	1	1	1						

Remarks

(1)New parts(:N-spec. Swivel joint) are shown in Fig.105(55B).



Fig.71. RETURN(1)



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

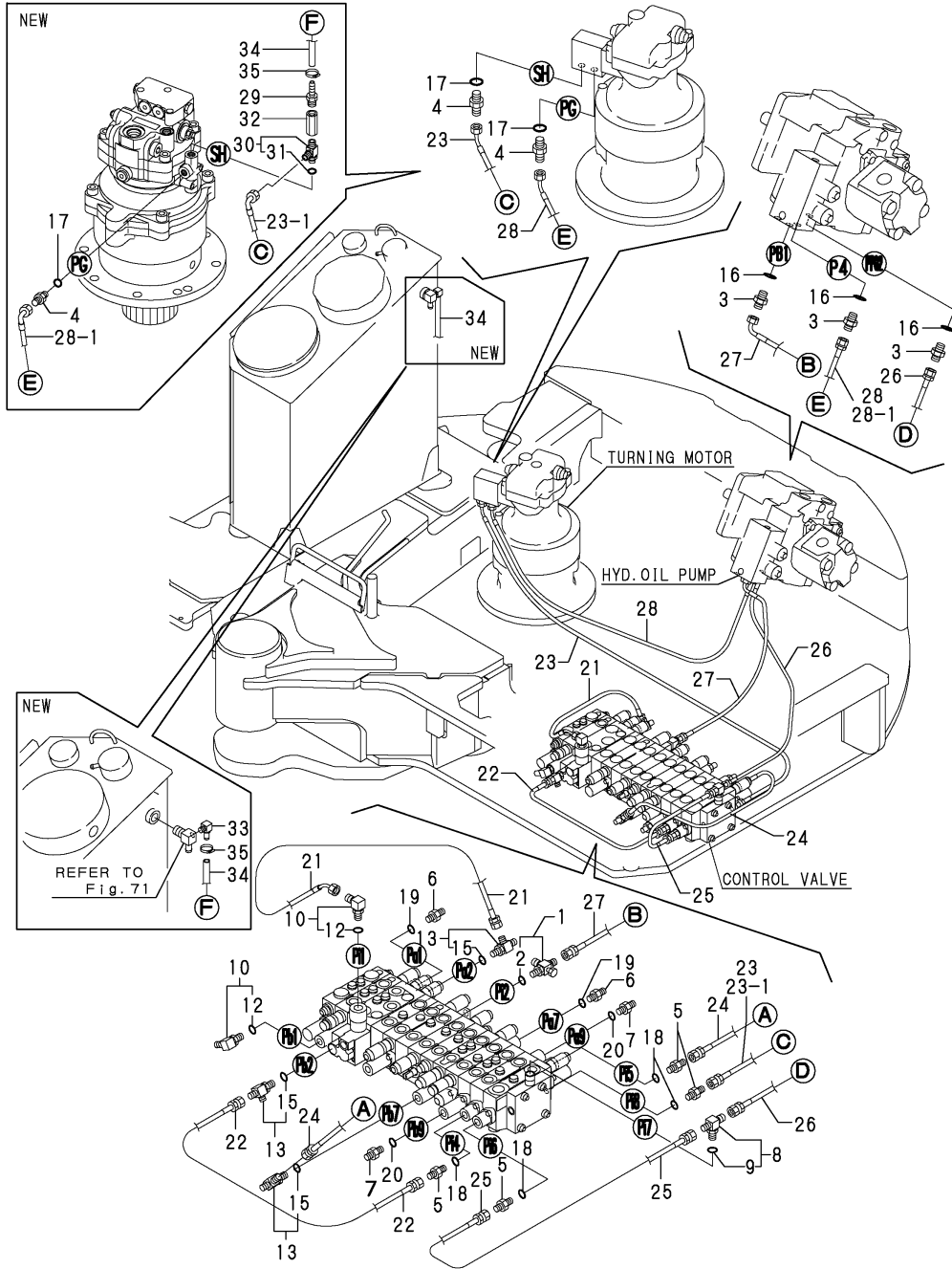
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172137-76110 (A=MXXXXX) (B=MXXXXX) (C=MXXXXX)	NIPPLE	1	1	1					Z	1
2	1	172123-76121	ADAPTER	1	1	1						
3	1	172187-76131	CONNECTOR, PF3/4	1	1	1						
4	1	172187-76141	CONNECTOR, PF1XPF3/4	1	1	1						
5	2	24315-000240	O-RING, 1BP24.0	1	1	1						
6	1	172187-76160	JOINT	1	1	1						
7	1	172455-76160	ELBOW	1	1	1						
8	1	172162-76180	JOINT ASSY, 3-1/4	1	1	1						
10	2	24315-000110	O-RING, 1BP11.0	1	1	1						
11	1	172187-76180	NIPPLE, HOSE	1	1	1						
12	1	172151-76200	JOINT	1	1	1						
13	1	172455-76240	JOINT	1	1	1						
13-1	1	172499-76310 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	JOINT	1	1	1						S
14	1	172168-76370	ELBOW	1	1	1						
14-1	1	172499-76331 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	NIPPLE, ELBOW	1	1	1						S
15	1	24315-000110	O-RING, 1BP11.0	1	1	1						
16	1	24315-000240	O-RING, 1BP24.0	1	1	1						
17	1	26013-100202	BOLT, M10X 20	2	2	2						
18	1	933111-50001	CONNECTOR	1	1	1						
20	2	24315-000140	O-RING, 1BP14.0	1	1	1						
21	1	172455-78160	HOSE	1	1	1						
22	1	172455-78330	HOSE	1	1	1						
23	1	172455-78340	HOSE	1	1	1						
23-1	1	172A21-78340 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	HOSE	1	1	1						S
24	1	172455-78350	HOSE	1	1	1						
25	1	172455-78360	HOSE	1	1	1						
26	1	172455-78370	HOSE	1	1	1						
27	1	172455-78380	HOSE	1	1	1						
28	1	172478-78630	HOSE	1	1	1						
29	1	172455-78730	HOSE	1	1	1						
30	1	23000-013000	CLAMP, 13	3	3	3						
31	1	23001-016000	CLAMP, HOSE 16	6	6	6						
32	1	23001-035000	CLAMP, HOSE 35	2	2	2						
33	1	23001-041000	CLAMP, HOSE 41	6	6	6						
34	1	172155-11120	ELBOW	1	1	1						W
35	1	23871-020000 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	PLUG, R02	1	1	1						W
36	1	172487-78250 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	HOSE	1	1	1						W
37	1	23001-016000 (A=M/# 12943) (B=M/# 12943) (C=M/# 12943)	CLAMP, HOSE 16	1	1	1						W

Remarks

(1)New parts(:N-spec. Swivel joint) are shown in Fig.105(55B).

Fig.72. RETURN(2)

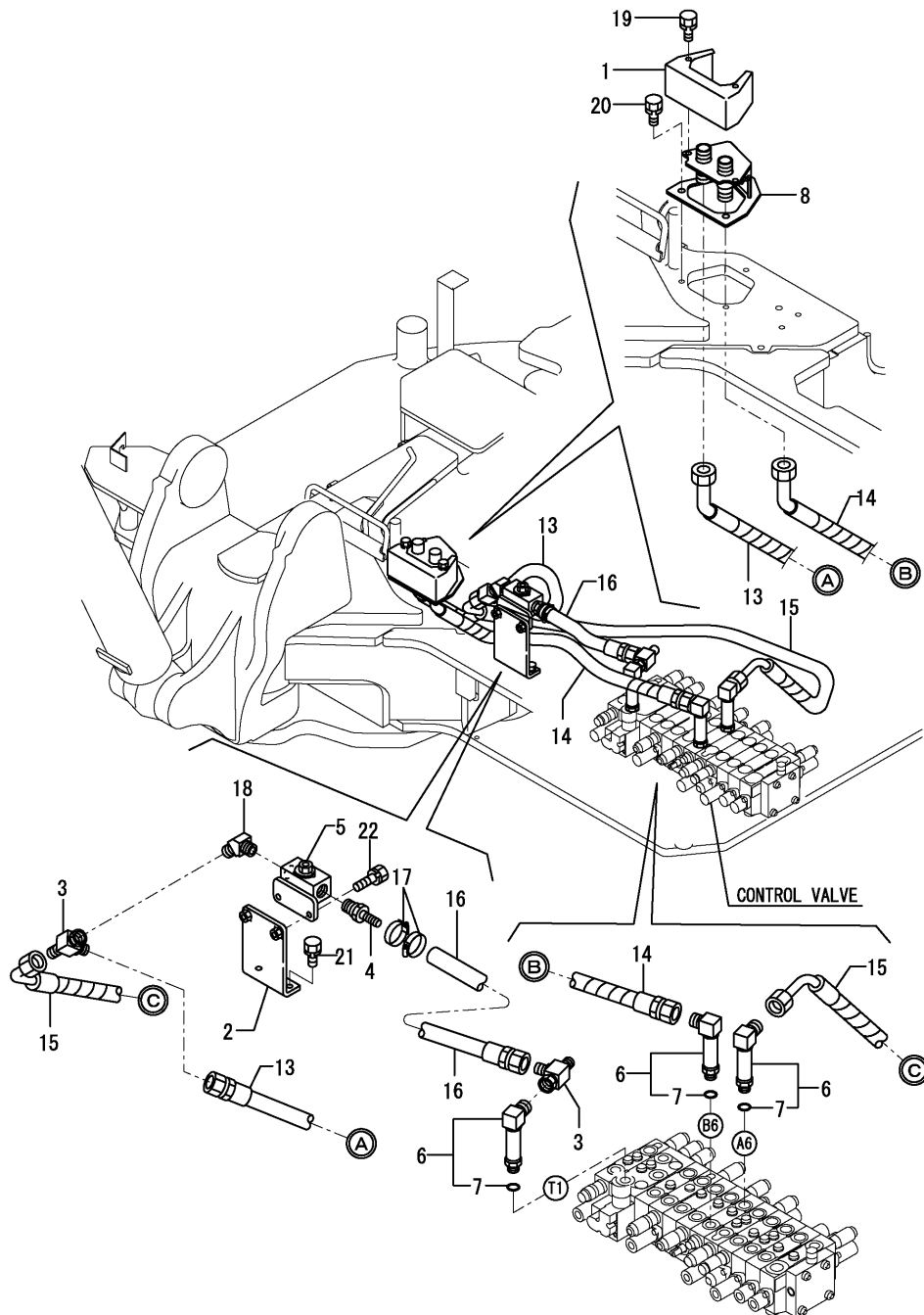


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

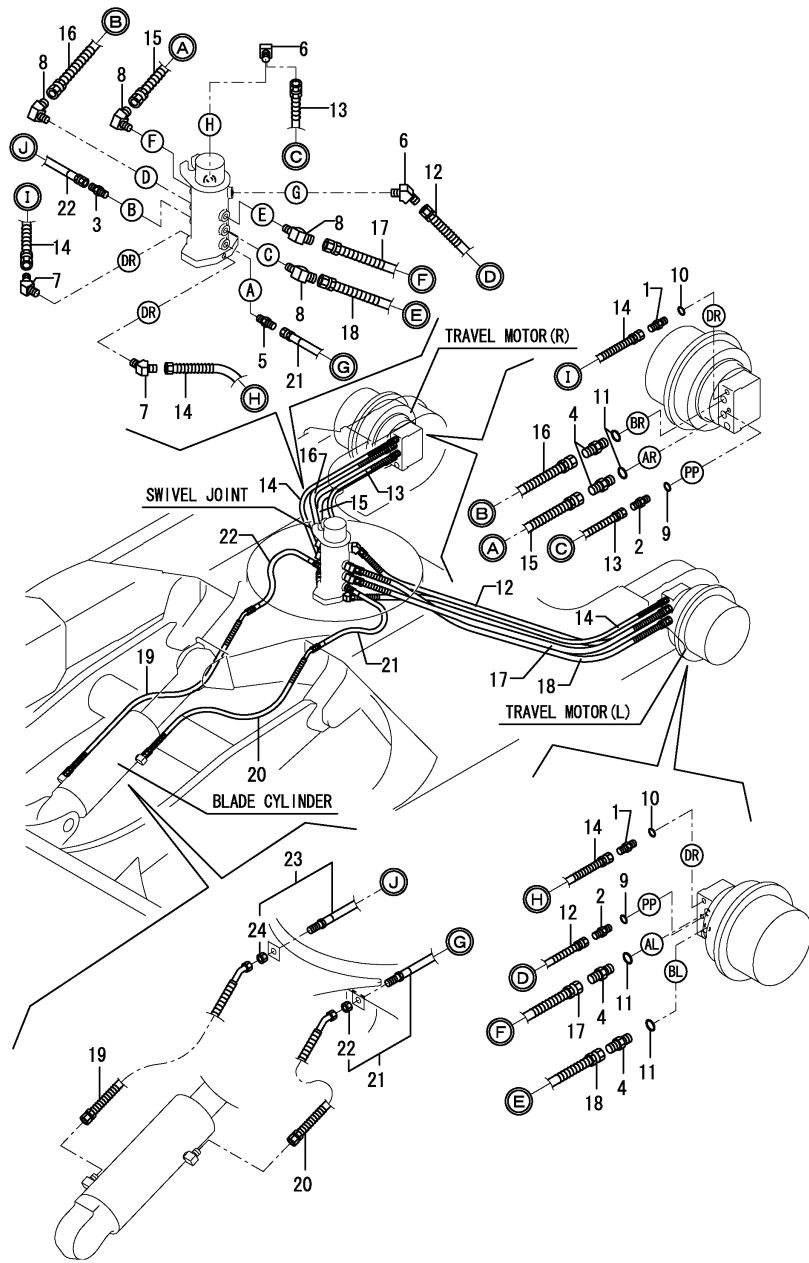
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-76100	TEE, ADJUSTABLE	1	1	1					
2	2	24315-000110	O-RING, 1BP11.0	1	1	1					
3	1	172123-76121	ADAPTER	3	3	3					
4	1	172123-76121	ADAPTER	2	2	2					
5	1	172123-76121	ADAPTER	4	4	4					
6	1	172123-76121	ADAPTER	2	2	2					
7	1	172123-76121	ADAPTER	2	2	2					
8	1	172187-76170	TEE, ADJUSTABLE	1	1	1					
9	2	24315-000110	O-RING, 1BP11.0	1	1	1					
10	1	172141-76180	CONNECTOR ASSY	2	2	2					
10-1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2					S
		(A=M/# 13548) (B=M/# 13548) (C=M/# 13548)									
12	2	24315-000110	O-RING, 1BP11.0	2	2	2					
13	1	172162-76180	JOINT ASSY, 3-1/4	3	3	3					
13-1	1	172162-76181	JOINT ASSY	3	3	3					S
		(A=M/# 13548) (B=M/# 13548) (C=M/# 13548)									
15	2	24315-000110	O-RING, 1BP11.0	3	3	3					
16	1	24315-000110	O-RING, 1BP11.0	3	3	3					
17	1	24315-000110	O-RING, 1BP11.0	2	2	2					
18	1	24315-000110	O-RING, 1BP11.0	4	4	4					
19	1	24315-000110	O-RING, 1BP11.0	2	2	2					
20	1	24315-000110	O-RING, 1BP11.0	2	2	2					
21	1	172455-78600	HOSE	1	1	1					
22	1	172455-78610	HOSE	1	1	1					
23	1	172478-78610	HOSE	1	1	1					
23-1	1	172455-78710	HOSE	1	1	1					S
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
24	1	172455-78620	HOSE	1	1	1					
25	1	172478-78620	HOSE	1	1	1					
26	1	172478-78650	HOSE	1	1	1					
27	1	172478-78660	HOSE	1	1	1					
28	1	172455-78740	HOSE	1	1	1					
28-1	1	172455-78680	HOSE	1	1	1					S
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
29	1	172141-76220	NIPPLE, 02	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
30	1	172499-76320	JOINT ASSY	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
31	2	24315-000110	O-RING, 1BP11.0	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
32	1	172499-76351	VALVE ASSY, CHECK	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
33	1	172186-76390	NIPPLE, ELBOW	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
34	1	172499-78600	HOSE	1	1	1					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									
35	1	23001-016000	CLAMP, HOSE 16	2	2	2					W
		(A=M/# 12943) (B=M/# 12943) (C=M/# 12943)									

Fig.73. P.T.O.(FRAME END)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61541-2	COVER, 3RD	1	1	1					
2	1	172463-74700	BRACKET ASSY, PTO	1	1	1					
3	1	172989-76120	CONNECTOR	2	2	2					
4	1	172165-76220	NIPPLE	1	1	1					
5	1	172176-76580-3	VALVE ASSY, STOP	1	1	1					
5-1	1	172176-76581-3	VALVE ASSY, STOP	1	1	1					R
		(A=M/#11573)	(B=M/#11573)	(C=M/#11573)							
6	1	172455-76580	ELBOW	3	3	3					
7	2	24315-000180	O-RING, 1BP18.0	3	3	3					
8	1	172187-76821-1	CONNECTOR ASSY	1	1	1					
13	1	172478-78700	HOSE	1	1	1					
14	1	172478-78700	HOSE	1	1	1					
15	1	172478-78850	HOSE	1	1	1					
16	1	172478-78860	HOSE	1	1	1					
17	1	23001-035000	CLAMP, HOSE 35	2	2	2					
18	1	23394-060000	JOINT, 45RGI-3/4	1	1	1					
19	1	26013-080162	BOLT, M8X 16	2	2	2					
20	1	26013-100202	BOLT, M10X 20	3	3	3					
21	1	26013-100202	BOLT, M10X 20	2	2	2					
22	1	26013-100302	BOLT, M10X 30	2	2	2					

Fig.74. TRAVEL FRAME



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75140	ADAPTER	2	2	2					
1-1	1	172730-75141	ADAPTER	2	2	2					R
		(A=M/#10557) (B=M/#10557) (C=M/#10557)									
2	1	172123-76121	ADAPTER	2	2	2					
3	1	172141-76940	ADAPTER	1	1	1					Z 1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
4	1	172112-77361	CONNECTOR	4	4	4					
5	1	23391-030000	JOINT, RGI-3/8	1	1	1					Z 1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
6	1	23394-020000	JOINT, 45RGI-1/4	2	2	2					Z 1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
7	1	23394-030000	JOINT, 45RGI-3/8	2	2	2					Z 1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
8	1	23394-040000	JOINT, 45RGI-1/2	4	4	4					Z 1
		(A=MXXXXX) (B=MXXXXX) (C=MXXXXX)									
9	1	24315-000110	O-RING, 1BP11.0	2	2	2					
10	1	24315-000140	O-RING, 1BP14.0	2	2	2					
11	1	24315-000180	O-RING, 1BP18.0	4	4	4					
12	1	172187-78201	HOSE	1	1	1					
13	1	172187-78201	HOSE	1	1	1					
14	1	172187-78211	HOSE	2	2	2					
15	1	172187-78231	HOSE	1	1	1					
16	1	172187-78231	HOSE	1	1	1					
17	1	172187-78231	HOSE	1	1	1					
18	1	172187-78231	HOSE	1	1	1					
19	1	172478-78320	HOSE	1	1	1					
20	1	172187-78440	HOSE	1	1	1					
21	1	172455-78520	HOSE	1	1	1					
22	2	172455-79750	NUT, LOCK	1	1	1					W
		(A=M/#10635) (B=M/#10635) (C=M/#10635)									
23	1	172455-78530	HOSE	1	1	1					
24	2	172455-79780	NUT, LOCK	1	1	1					W
		(A=M/#10635) (B=M/#10635) (C=M/#10635)									

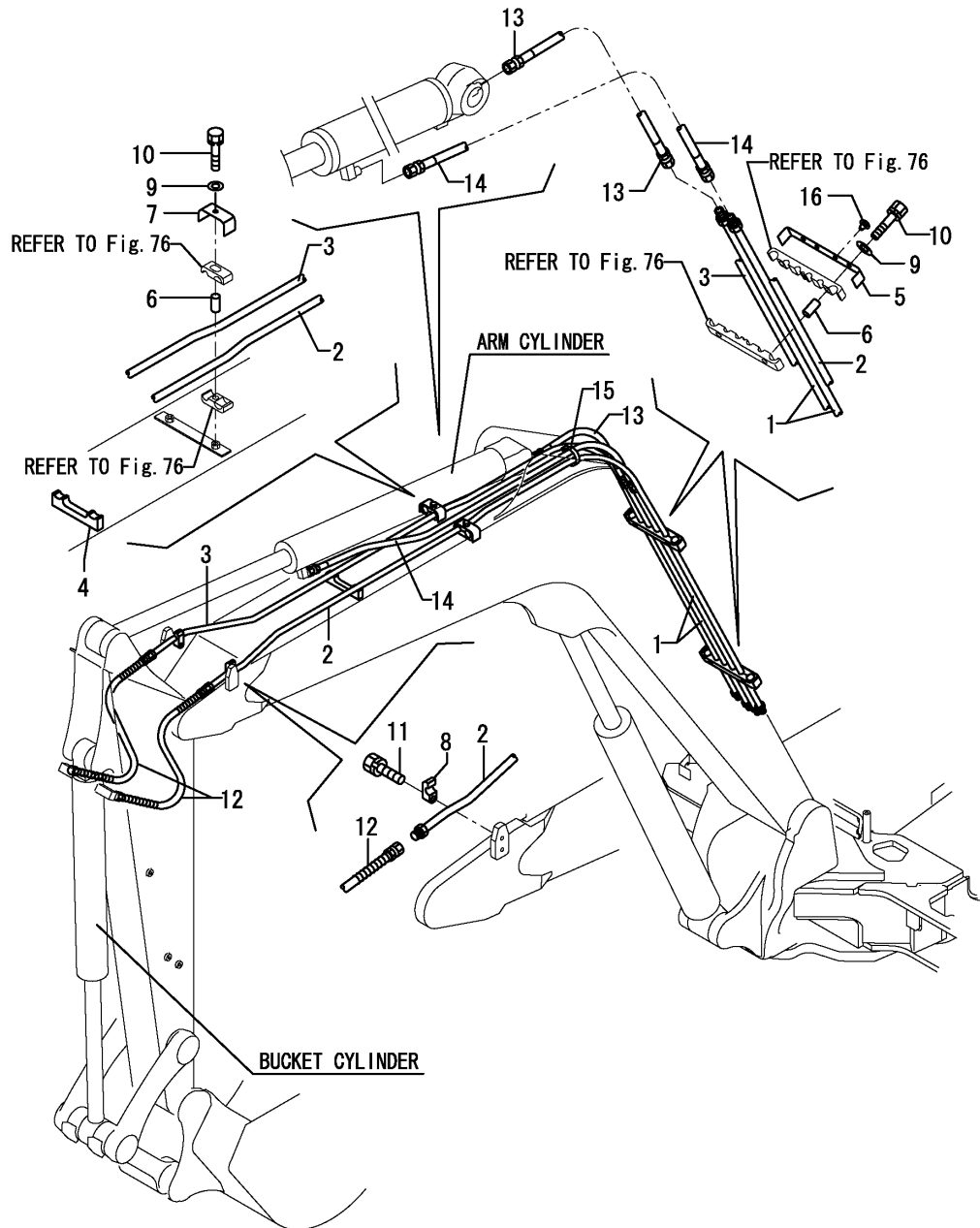
Remarks

(1)New parts(:N-spec. Swivel joint) are shown in Fig.105(55B).

Fig.75. BOOM

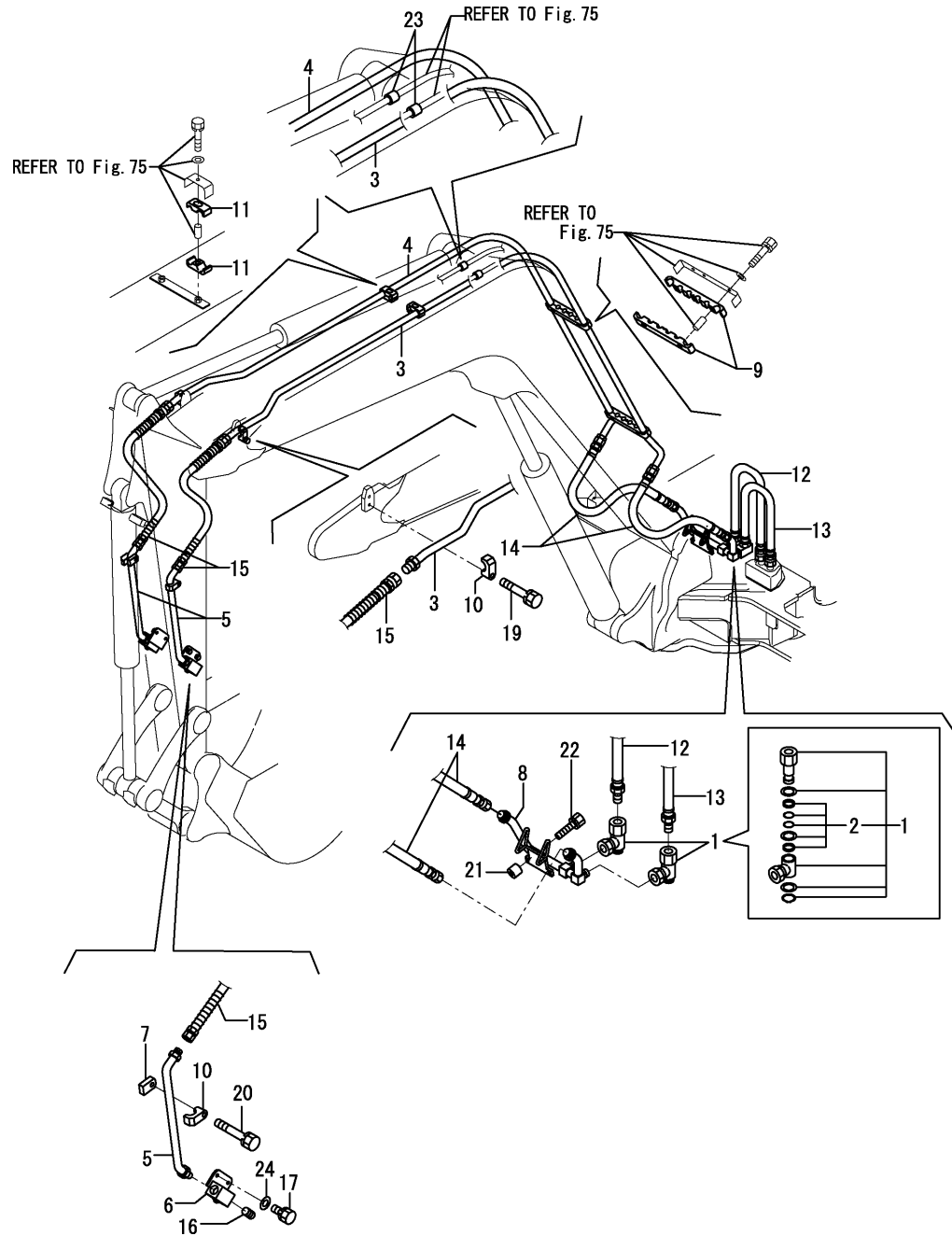
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-76400-1	TUBE, ARM	2	2	2					
2	1	172187-76420-1	TUBE, BUCKET	1	1	1					
3	1	172187-76440-1	TUBE, BUCKET	1	1	1					
4	1	172478-76500	ABSORBER, SHOCK	1	1	1					
5	1	172478-76510-1	CLAMP	2	2	2					
5-1	1	172478-76511-1	CLAMP	2	2	2					N
				(A=M/#10937)	(B=M/#10937)	(C=M/#10937)					
6	1	172187-76520	COLLAR, CLAMP	6	6	6					
7	1	172187-76530-1	CLAMP, TUBE	2	2	2					
8	1	172142-76950	CLAMP	2	2	2					
9	1	22137-100000	WASHER, 10	6	6	6					
10	1	26013-100502	BOLT, M10X 50	6	6	6					
11	1	26013-120402	BOLT, M12X 40	2	2	2					
12	1	172187-78240	HOSE	2	2	2					
13	1	172187-78410	HOSE	1	1	1					
14	1	172187-78420	HOSE	1	1	1					
15	1	172187-78580	BAND	2	2	2					
16	1	172444-17660	CLIP, TREE	4	4	4					W
				(A=M/#10937)	(B=M/#10937)	(C=M/#10937)					

Fig.76. P.T.O.(ARM END)



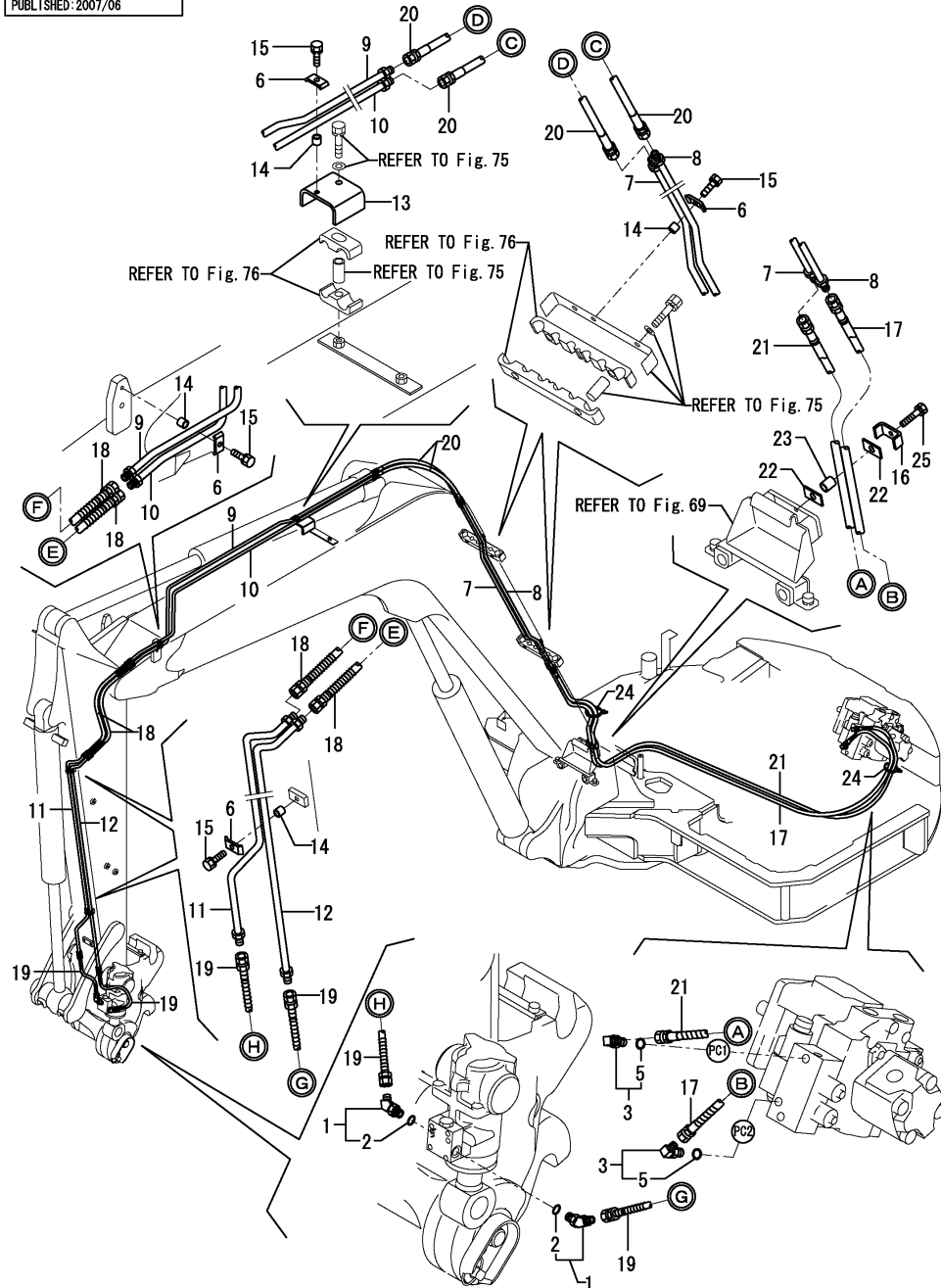
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172142-76280	JOINT, SWIVEL	2	2	2					
2	2	172142-77050	SEAL SET	2	2	2					
3	1	172187-76460-1	TUBE, 3RD	1	1	1					
4	1	172187-76480-1	TUBE, 3RD	1	1	1					
5	1	172187-76570-1	TUBE, 3RD	2	2	2					
6	1	172176-76580-2	VALVE, STOP	2	2	2					
6-1	1	172176-76581-2	VALVE ASSY, STOP	2	2	2					R
		(A=M/#11573) (B=M/#11573) (C=M/#11573)									
7	1	172187-76690-1	PLATE	2	2	2					
8	1	172478-76700-1	TUBE ASSY, 3RD	1	1	1					
8-1	1	172478-76701-1	TUBE ASSY, 3RD	1	1	1					N
		(A=M/#10763) (B=M/#10763) (C=M/#10763)									
8-2	1	172478-76702	TUBE ASSY, 3RD	1	1	1					N
		(A=M/#10961) (B=M/#10961) (C=M/#10961)									
9	1	172187-76930	RUBBER	4	4	4					
10	1	172142-76940	CLAMP	4	4	4					
11	1	172187-76940	RUBBER	4	4	4					
12	1	172187-79220	HOSE	1	1	1					
13	1	172187-79230	HOSE	1	1	1					
14	1	172187-79240	HOSE	2	2	2					
15	1	172187-79250	HOSE	2	2	2					
16	1	23871-060000	PLUG, R06	2	2	2					
17	1	26013-100252	BOLT, M10X 25	4	4	4					
19	1	26013-120552	BOLT, M12X 55	2	2	2					
20	1	26013-120702	BOLT, M12X 70	2	2	2					
21	1	172478-76670	COLLAR, 10X25X22.5	2	2	2					
22	1	26013-100502	BOLT, M10X 50	2	2	2					
23	1	172478-76730	GUARD, HOSE	2	2	2					W
		(A=M/#10746) (B=M/#10746) (C=M/#10746)									
24	1	22117-100000	WASHER, 10	4	4	4					W
		(A=M/#10820) (B=M/#10820) (C=M/#10820)									

Fig.77. QUICK COUPLER

P/C NEWS No: Y00S4351-2  
PUBLISHED: 2007/06



(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

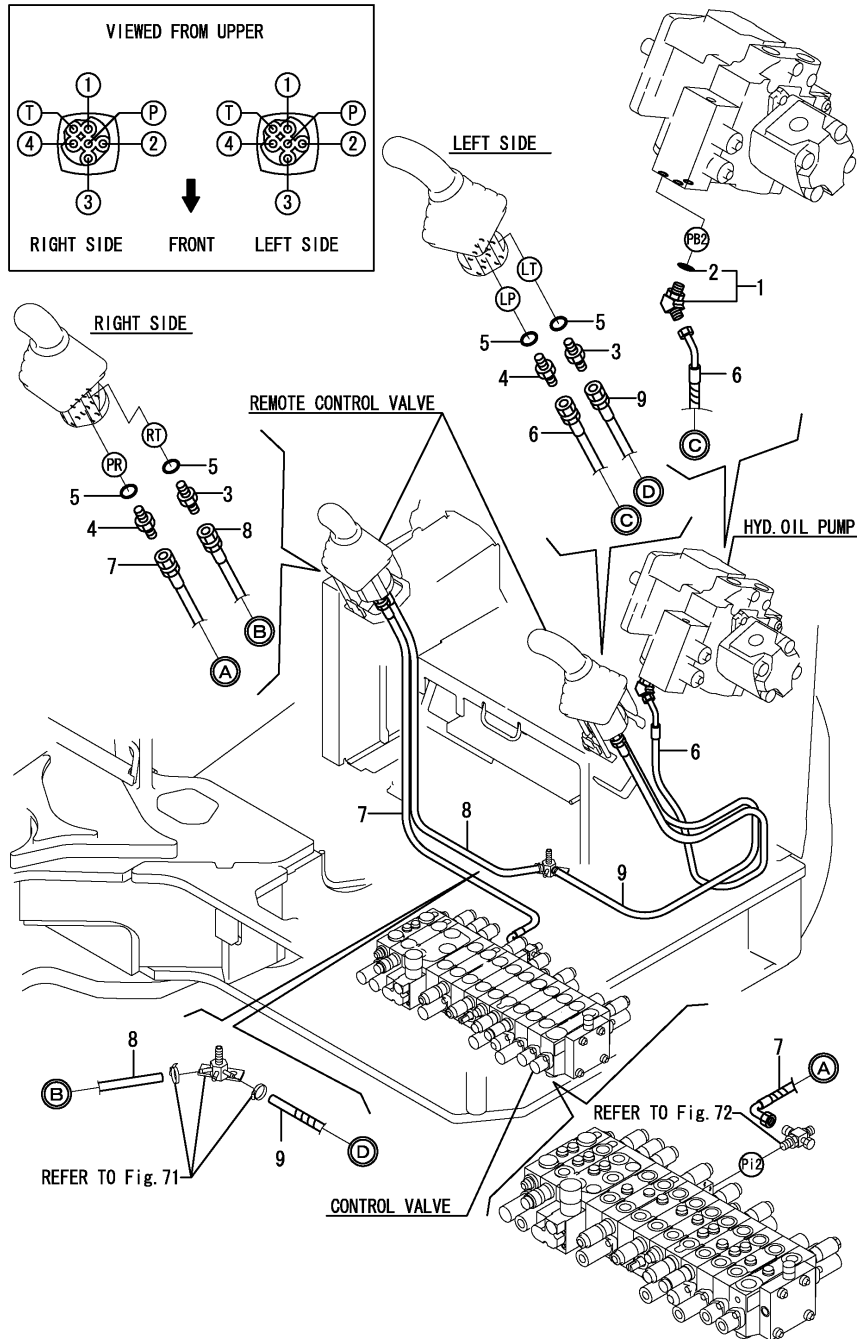
(D)=  
(E)=  
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-76100	ELBOW	2	2	2					
2	2	24315-000110	O-RING, 1BP11.0	2	2	2					
3	1	172141-76180	CONNECTOR ASSY	2	2	2					
5	2	24315-000110	O-RING, 1BP11.0	2	2	2					
6	1	172110-76170-1	PLATE	6	6	6					
7	1	172978-76400	TUBE ASSY	1	1	1					
7-1	1	172978-76401	TUBE ASSY	1	1	1					N
		(A=M/#10937) (B=M/#10937) (C=M/#10937)									
8	1	172978-76420	TUBE	1	1	1					
9	1	172978-76440	TUBE	1	1	1					
10	1	172978-76460	TUBE	1	1	1					
11	1	172978-76480	TUBE ASSY, ARM	1	1	1					
12	1	172978-76500	TUBE ASSY, ARM	1	1	1					
13	1	172978-76520	CLAMP, TUBE	1	1	1					
14	1	172137-76580	COLLAR	6	6	6					
15	1	26014-080252	BOLT, M8X 25	6	6	6					
16	1	172478-76520-1	CLAMP	1	1	1					
17	1	172978-78100	HOSE	1	1	1					
17-1	1	172978-78101	HOSE	1	1	1					N
		(A=M/#12134) (B=M/#12134) (C=M/#12134)									
18	1	172978-78111	HOSE	2	2	2					
19	1	172958-78120	HOSE	2	2	2					
20	1	172978-78120	HOSE	2	2	2					
21	1	172978-78130	HOSE	1	1	1					
21-1	1	172978-78131	HOSE	1	1	1					N
		(A=M/#12134) (B=M/#12134) (C=M/#12134)									
22	1	172156-78490	PLATE, RUBBER (B)	2	2	2					
23	1	172156-78540	COLLAR, 9X18	1	1	1					
24	1	172122-79930	CLAMP, HOSE	2	2	2					
25	1	26014-080352	BOLT, M8X 35	1	1	1					

Fig.78. CONTROL PIPING(RETURN)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-76101	CONNECTOR ASSY	1	1	1					
2	2	24315-000110	O-RING, 1BP11.0	1	1	1					
3	1	172123-76121	ADAPTER	2	2	2					
4	1	172455-76220	CONNECTOR	2	2	2					
5	1	24315-000110	O-RING, 1BP11.0	4	4	4					
6	1	172478-78480	HOSE	1	1	1					
7	1	172478-78490	HOSE	1	1	1					
8	1	172478-78500	HOSE	1	1	1					
9	1	172478-78510	HOSE	1	1	1					



Fig.79. CONTROL PIPING(REMOTE CONTROL VALVE - 2WAY VALVE - CONTROL VALVE)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	8	8	8					
2	1	24315-000110	O-RING, 1BP11.0	8	8	8					
3	1	172123-76121	ADAPTER	1	1	1					
4	1	172141-76180	CONNECTOR ASSY	3	3	3					
6	2	24315-000110	O-RING, 1BP11.0	3	3	3					
7	1	23391-020000	JOINT, RGI-1/4	4	4	4					
8	1	24315-000110	O-RING, 1BP11.0	1	1	1					
9	1	172126-11510	BAND	5	5	5					
10	1	172463-78240	HOSE	1	1	1					
11	1	172478-78410	HOSE	1	1	1					
12	1	172478-78430	HOSE	1	1	1					
13	1	172478-78450	HOSE	1	1	1					
14	1	172478-78470	HOSE	1	1	1					
15	1	172472-78800	SPONGE, HOSE	1	1	1					
16	1	172478-78800	HOSE	1	1	1					
17	1	172478-78810	HOSE	1	1	1					
18	1	172478-78820	HOSE	1	1	1					
19	1	172478-78830	HOSE	1	1	1					
20	1	172455-79210	HOSE	1	1	1					
21	1	172455-79221	HOSE	1	1	1					
22	1	172437-79320	HOSE	1	1	1					
23	1	172165-79810	SPONGE, HOSE	1	1	1					
24	1	172122-79930	CLAMP, HOSE	4	4	4					

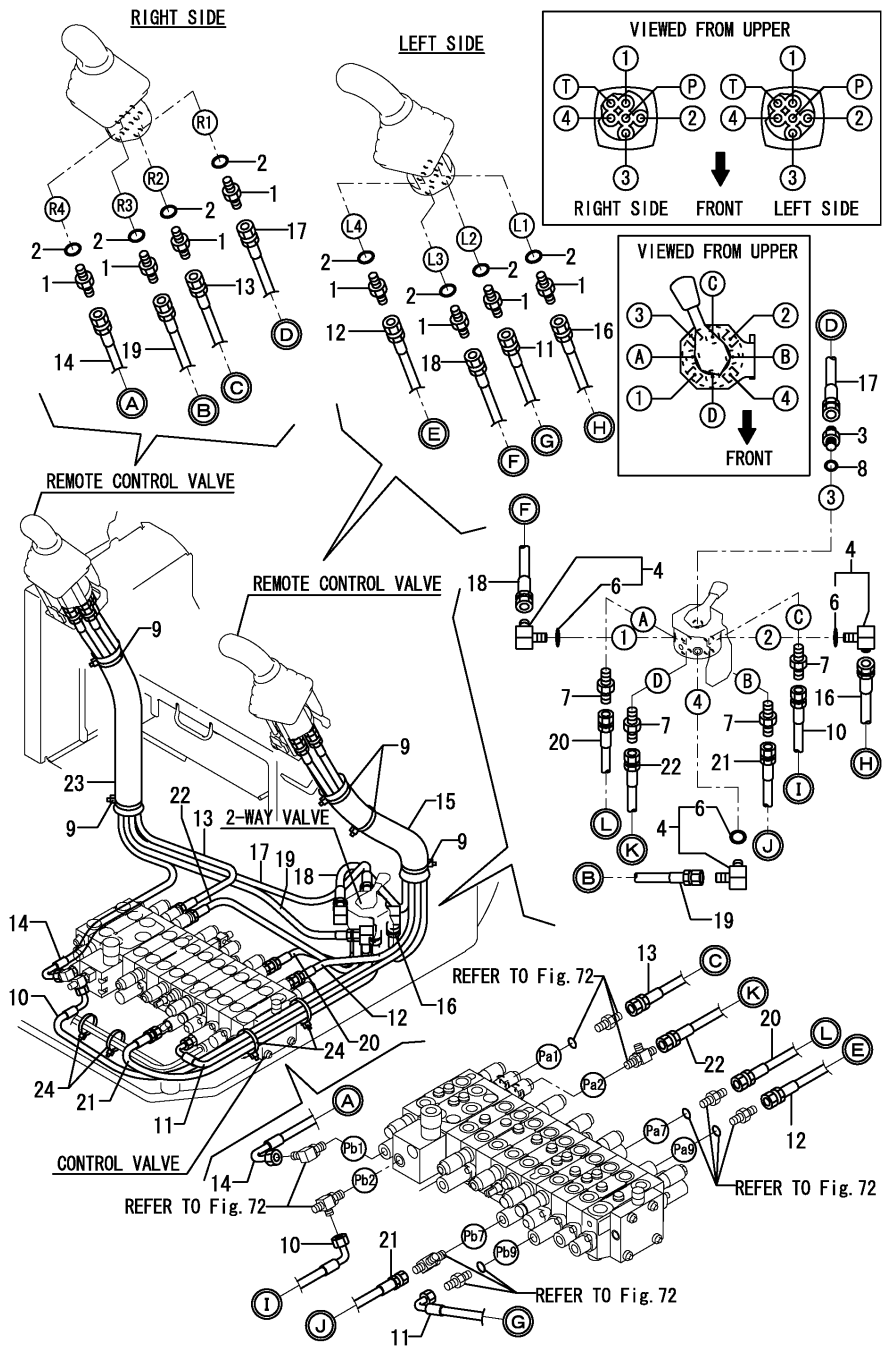
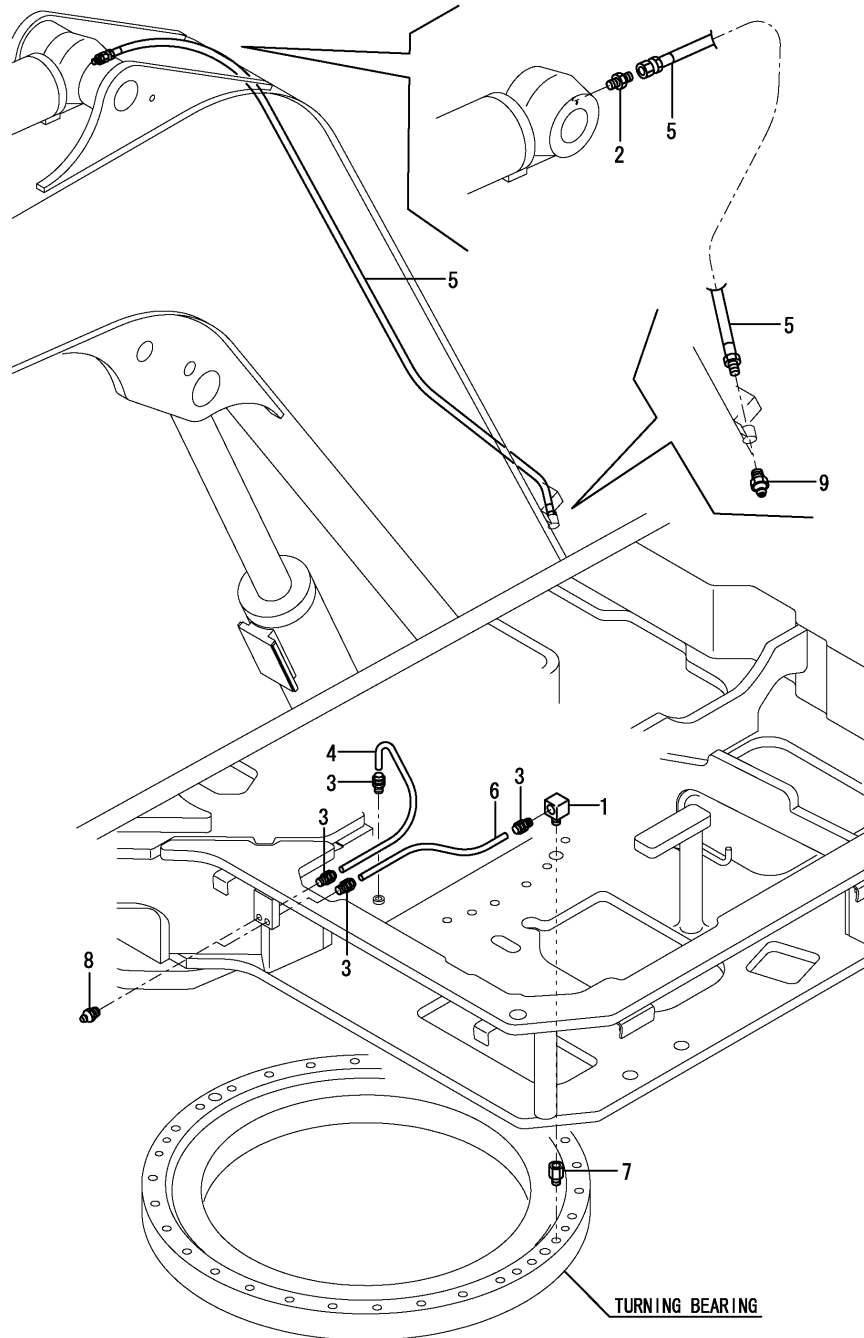


Fig.80. GREASING



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

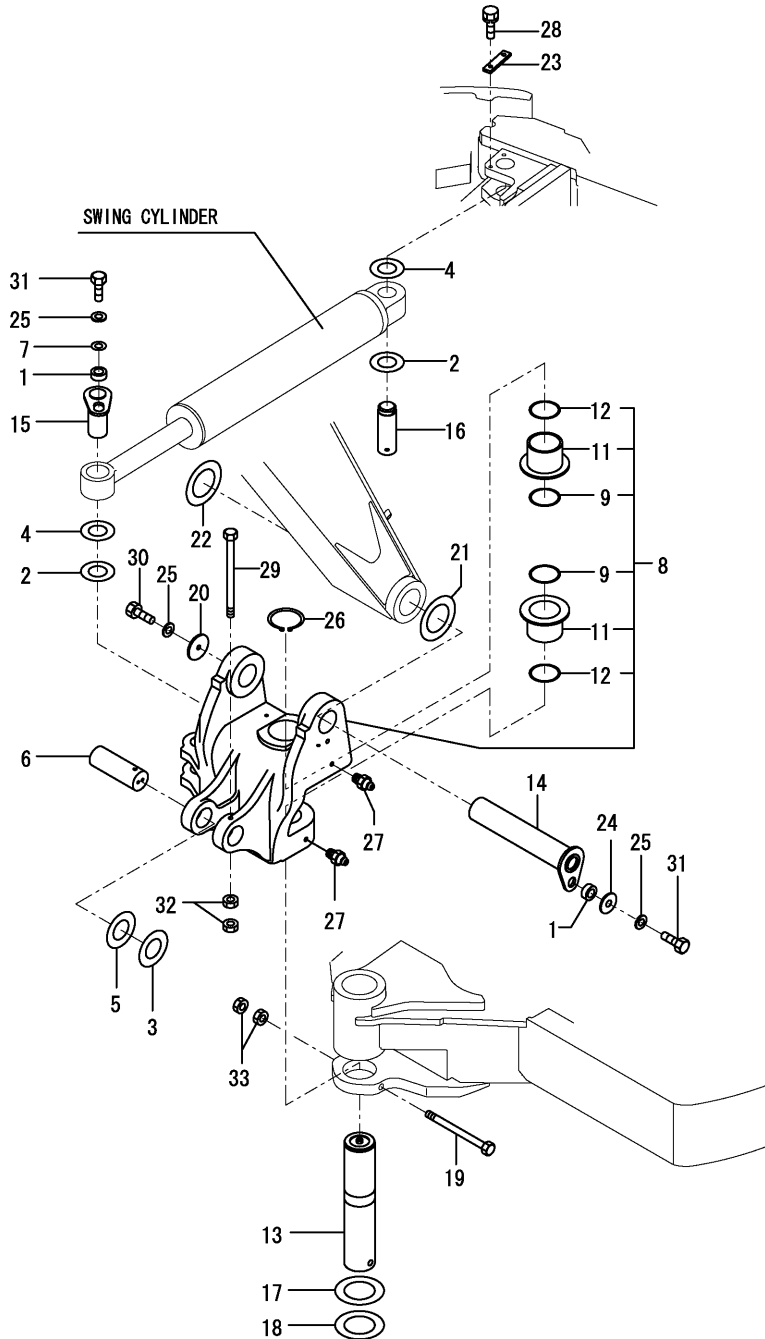
(D)=  
 (E)=  
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172112-77480	ELBOW	1	1	1					
2	1	172112-77580	JOINT, 1/8	1	1	1					
3	1	172141-77800	JOINT, GREASE	4	4	4					
4	1	172164-77800	HOSE	1	1	1					
5	1	172187-77800	HOSE	1	1	1					
6	1	172164-77810	HOSE	1	1	1					
7	1	172312-77820	FITTING, GREASE	1	1	1					
8	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
9	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					

Fig.81. BOOM BRACKET

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

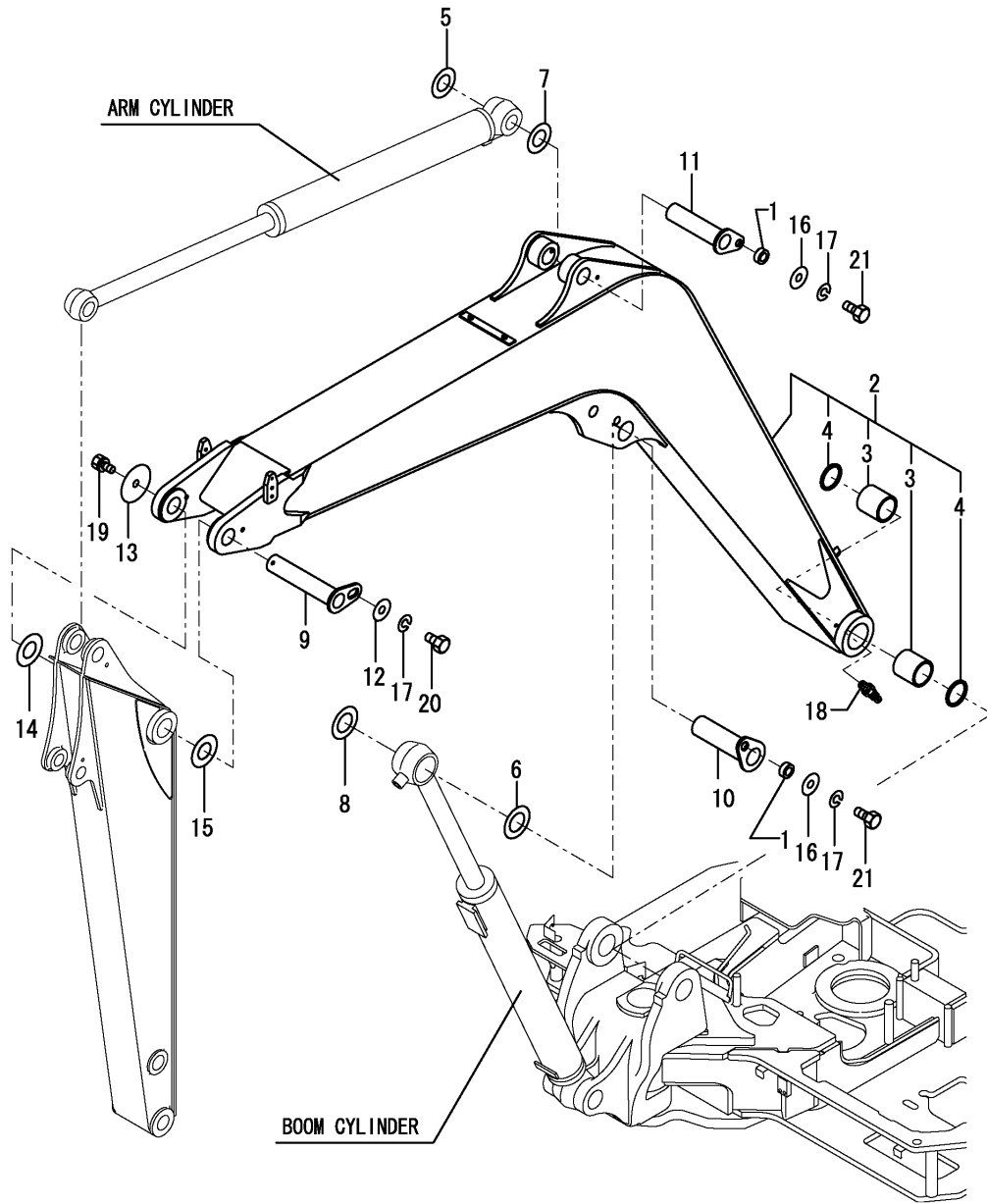


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2					
2	1	172175-81700	SHIM	4	4	4					
3	1	172176-81700	SHIM	1	1	1					
4	1	172175-81710	SHIM	4	4	4					
5	1	172176-81710	SHIM	1	1	1					
6	1	172187-81800	PIN	1	1	1					
7	1	172187-81970	WASHER	1	1	1					
8	1	172187-82300-1	BRACKET, BOOM	1	1	1					
9	2	172162-81680	SEAL, DUST	2	2	2					
11	2	172187-82320	BUSH	2	2	2					
12	2	24321-001000	O-RING, 1AG100.0	2	2	2					
13	1	172187-82330	PIN ASSY	1	1	1					
14	1	172187-82340	PIN ASSY	1	1	1					
15	1	172187-82370	PIN ASSY	1	1	1					
16	1	172187-82390	PIN	1	1	1					
17	1	172187-82400	SHIM	1	1	1					
18	1	172187-82410	SHIM	1	1	1					
19	1	172187-82420	BOLT	1	1	1					
20	1	172187-82430	WASHER	1	1	1					
21	1	172162-83600	SHIM	1	1	1					
22	1	172162-83610	SHIM	1	1	1					
23	1	172162-94280	PLATE, LOCK	1	1	1					
24	1	22157-140000	WASHER, 14	1	1	1					
25	1	22217-140000	WASHER, SPRING 14	3	3	3					
26	1	22242-001000	RING, 100	1	1	1					
27	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
28	1	26013-120302	BOLT, M12X 30	2	2	2					
29	1	26116-121402	BOLT, M12X140 PLATED	1	1	1					
30	1	26116-140252	BOLT, M14X 25 PLATED	1	1	1					
31	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2					
32	1	26716-120002	NUT, M12	2	2	2					
33	1	26716-180002	NUT, M18	2	2	2					

Fig.82. BOOM

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

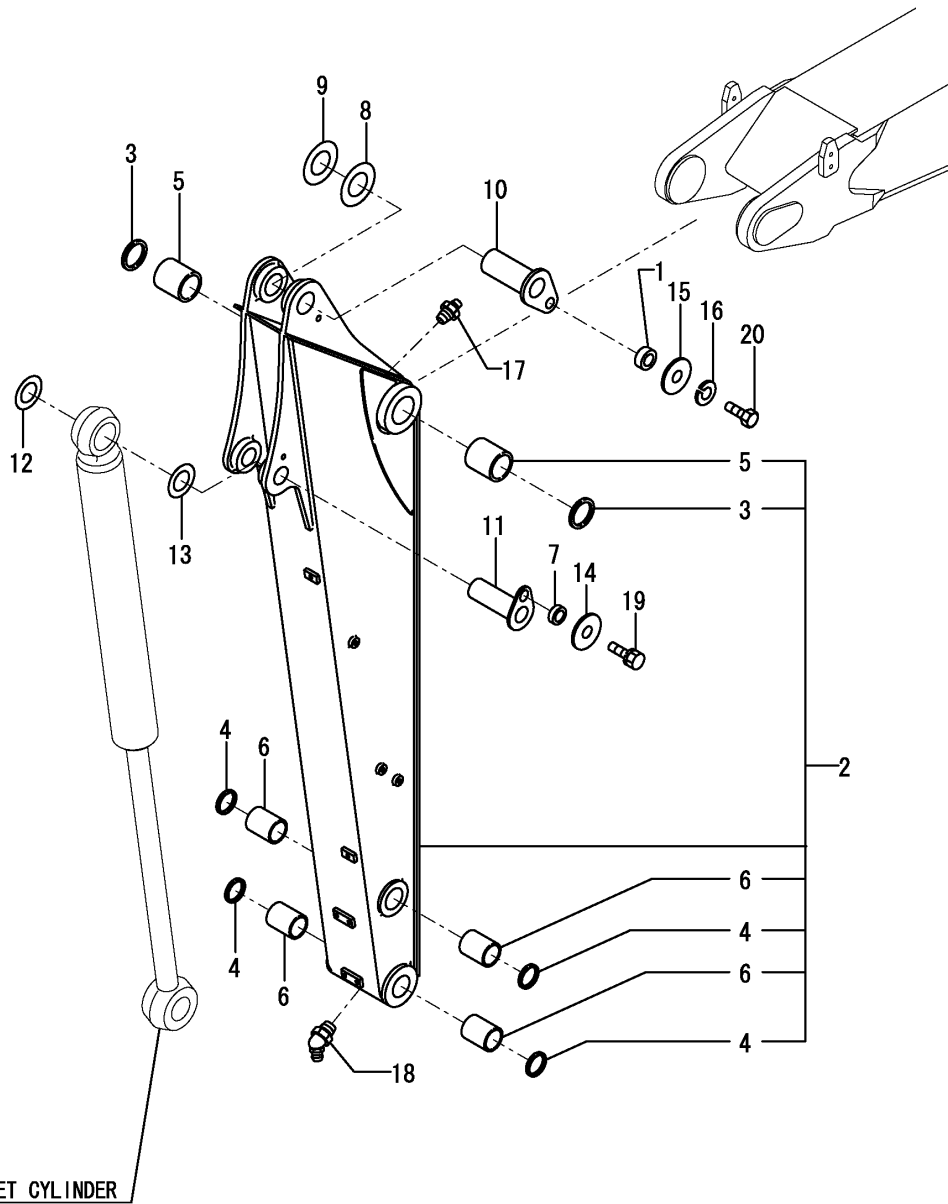


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2					
2	1	172187-81100-1	BOOM ASSY	1	1	1					1
3	2	172162-81370	BUSH	2	2	2					
4	2	172162-81430	SEAL, DUST	2	2	2					
5	1	172175-81700	SHIM	1	1	1					
6	1	172176-81700	SHIM	1	1	1					
7	1	172175-81710	SHIM	1	1	1					
8	1	172176-81710	SHIM	1	1	1					
9	1	172187-81750	PIN ASSY	1	1	1					
10	1	172187-81810	PIN ASSY	1	1	1					
11	1	172187-81840	PIN ASSY	1	1	1					
12	1	172187-81970	WASHER	1	1	1					
13	1	172147-82140	WASHER	1	1	1					
14	1	172162-83560	SHIM	1	1	1					
15	1	172162-83570	SHIM	1	1	1					
16	1	22157-140000	WASHER, 14	2	2	2					
17	1	22217-140000	WASHER, SPRING 14	3	3	3					
18	1	24761-040000	NIPPLE, GREASE B	1	1	1					
19	1	26013-120252	BOLT, M12X 25	1	1	1					
20	1	26116-140252	BOLT, M14X 25 PLATED	1	1	1					
21	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2					
22A	1	172472-03270	LABEL, SAND US	1	1	1					2
22A-1	1	172472-03271	LABEL, SANDUS	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
22B	1	172472-03280	LABEL	1	1	1					2
22B-1	1	172472-03281	LABEL, WARNING HITCH	1	1	1					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									
22C	1	172187-03940	LABEL, BOOM	1	1	1					2
22C-1	1	172187-03941	LABEL, BOOM US	2	2	2					N 2
		(A=M/#11010) (B=M/#11010) (C=M/#11010)									

Remarks

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

Fig.83. ARM



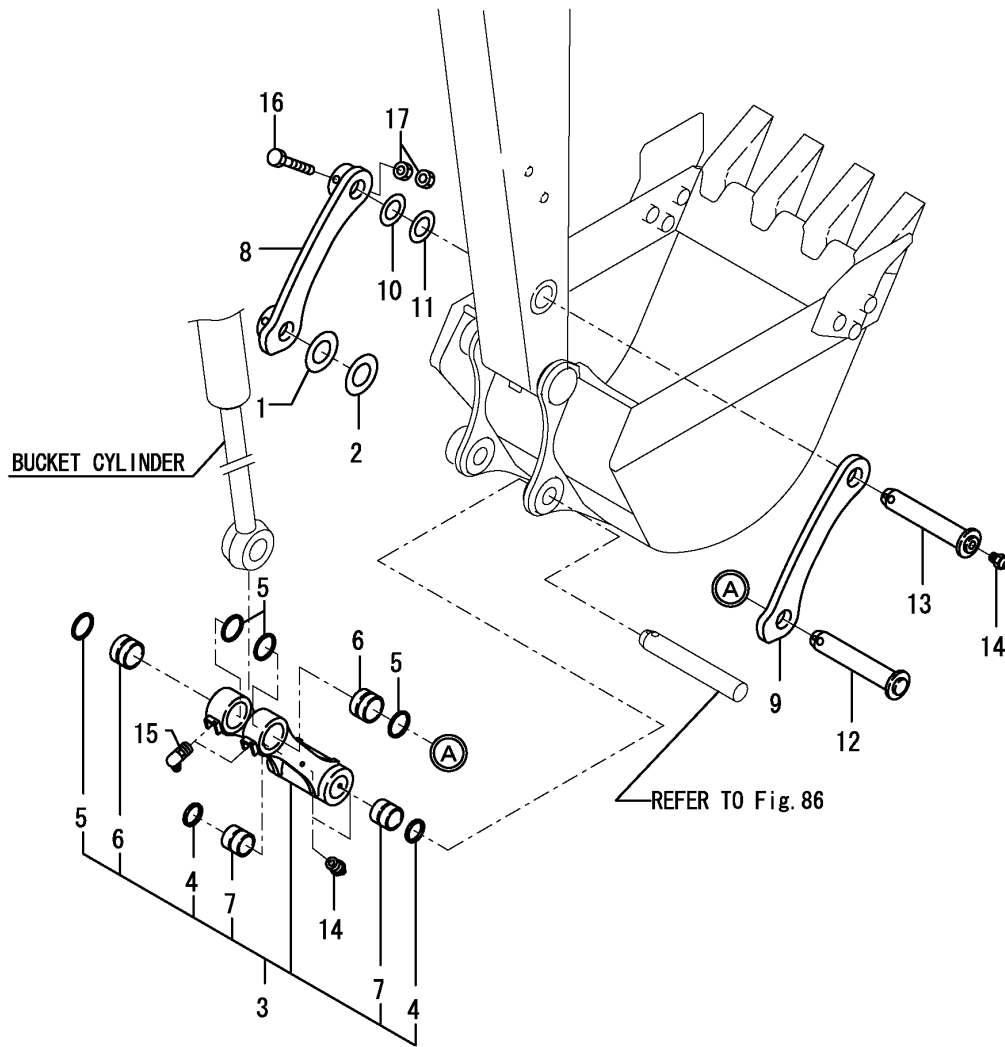
(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1	1					
2	1	172978-81500	ARM ASSY, 1650	1	1	1					1
3	2	172020-10620	SEAL, DUST	2	2	2					
4	2	172448-54120	SEAL, DUST	4	4	4					
5	2	172147-81400	BUSH	2	2	2					
6	2	172187-81710	BUSH	4	4	4					
7	1	172164-81670	SPACER	1	1	1					
8	1	172175-81700	SHIM	1	1	1					
9	1	172175-81710	SHIM	1	1	1					
10	1	172187-81861	PIN	1	1	1					
11	1	172187-81880	PIN ASSY	1	1	1					
12	1	172165-82520	SHIM	1	1	1					
13	1	172165-82530	SHIM	1	1	1					
14	1	22157-120000	WASHER, 12	1	1	1					
15	1	22157-140000	WASHER, 14	1	1	1					
16	1	22217-140000	WASHER, SPRING 14	1	1	1					
17	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
18	1	24761-040000	NIPPLE, GREASE B	1	1	1					
19	1	26013-120302	BOLT, M12X 30	1	1	1					
20	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1					
21A	1	172472-03230	LABEL, OPERATION	1	1	1					2
21B	1	172472-03260	LABEL, FINGER	1	1	1					2
21B-1	1	172472-03261	LABEL, FINGER (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					N 2
21C	1	172472-03330	LABEL, LOCK PIN (A=M/#11010) (B=M/#11010) (C=M/#11010)	1	1	1					W 2

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

Fig.84. BUCKET ARM & LINK

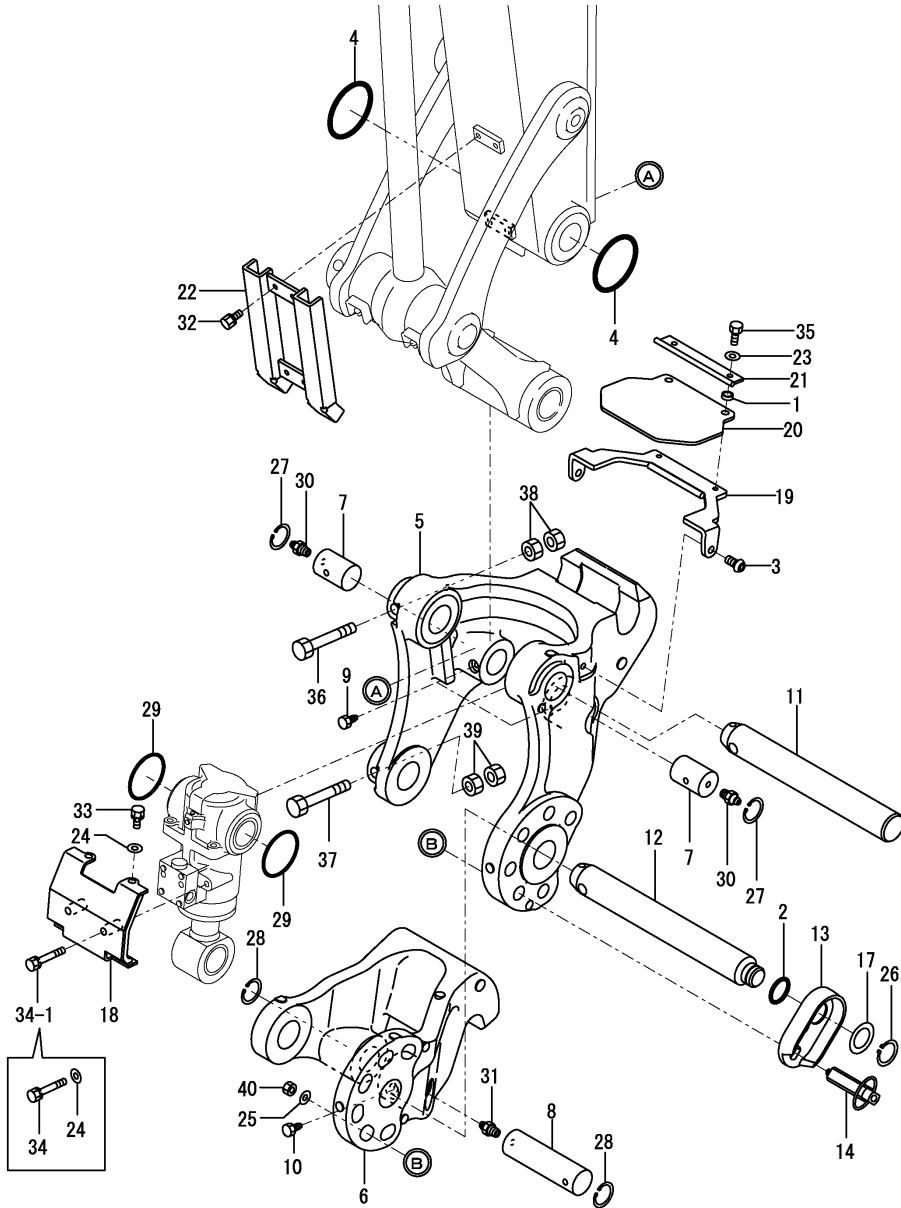


(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172175-81700	SHIM	1	1	1					
2	1	172175-81710	SHIM	1	1	1					
3	1	172455-82301-1	LINK, BUCKET	1	1	1					
4	2	172448-54120	SEAL, DUST	2	2	2					
5	2	172168-54760	SEAL, DUST	4	4	4					
6	2	172455-82360	BUSH	2	2	2					
7	2	172187-83040	BUSH	2	2	2					
8	1	172455-82380-1	ARM, BUCKET	1	1	1					
9	1	172455-82391-1	ARM, BUCKET	1	1	1					
10	1	172165-82520	SHIM	1	1	1					
11	1	172165-82530	SHIM	1	1	1					
12	1	172455-83350	PIN ASSY	1	1	1					
13	1	172455-83360	PIN ASSY	1	1	1					
14	1	24761-020000	NIPPLE, GREASE PT1/8	3	3	3					
15	1	24761-050000	NIPPLE, GREASE C	2	2	2					
16	1	26116-161202	BOLT, M16X120 PLATED	2	2	2					
17	1	26716-160002	NUT, M16	4	4	4					

Fig.85. QUICK COUPLER



(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17120	COLLAR	2	2	2					
2	1	172124-46200	O-RING	1	1	1					
3	1	172455-61720	BOLT	2	2	2					
4	1	172162-82360	O-RING	2	2	2					
5	1	172978-83101	BRACKET	1	1	1					
6	1	172978-83111	BRACKET	1	1	1					
7	1	172978-83120	PIN 45X65	2	2	2					
8	1	172978-83130	PIN 45X161	1	1	1					
9	1	172978-83140	BOLT	2	2	2					
10	1	172978-83140	BOLT	1	1	1					
11	1	172978-83150	PIN 50X345	1	1	1					
12	1	172978-83161	PIN 50X373	1	1	1					
13	1	172978-83170	PLATE, LOCK	1	1	1					1
14	1	172978-83190	PIN, LOCK	1	1	1					2
14-1	1	172978-83191	PIN, LOCK	1	1	1					N 2
(A=M/#013260) (B=M/#013260)											
17	1	172960-83210	COLLAR	1	1	1					
18	1	172978-83221	COVER, HITCH	1	1	1					
19	1	172978-83270	GUARD ASSY	1	1	1					
20	1	172978-83290	PLATE, RUBBER	1	1	1					
20-1	1	172978-83291	PLATE, RUBBER	1	1	1					N
(A=M/#13260) (B=M/#13260)											
20-2	1	172978-83292	PLATE, RUBBER	1	1	1					N
(A=M/#13434) (B=M/#13434)											
21	1	172978-83300	PLATE ASSY	1	1	1					
22	1	172978-83320	COVER, ARM	1	1	1					
23	1	22137-080000	WASHER, 8	2	2	2					
24	1	22137-100000	WASHER, 10	4	4	4					
24-1	1	22137-100000	WASHER, 10	2	2	2					K
(A=M13575) (B=M13575) (C=M13575)											
25	1	22137-100000	WASHER, 10	1	1	1					
26	1	22242-000350	RING, 35	1	1	1					
27	1	22252-000450	RING, 45	2	2	2					
28	1	22252-000450	RING, 45	2	2	2					
29	1	24311-000700	O-RING, 1AP70.0	2	2	2					
30	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
31	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1					
32	1	26013-080162	BOLT, M8X 16	4	4	4					
33	1	26013-100252	BOLT, M10X 25	2	2	2					
34	1	26013-100552	BOLT, M10X 55	2	2	2					
34-1	1	26013-100502	BOLT, M10X 50	2	2	2					N
(A=M13575) (B=M13575) (C=M13575)											
35	1	26116-080202	BOLT, M8X 20 PLATED	2	2	2					
36	1	26116-161002	BOLT, M16X100 PLATED	1	1	1					
36-1	1	26116-161202	BOLT, M16X120 PLATED	1	1	1					N
(A=M/#10676) (B=M/#10676) (C=M/#10676)											
37	1	26116-161002	BOLT, M16X100 PLATED	1	1	1					
37-1	1	26116-161202	BOLT, M16X120 PLATED	1	1	1					N
(A=M/#10676) (B=M/#10676) (C=M/#10676)											
38	1	26716-160002	NUT, M16	2	2	2					
39	1	26716-160002	NUT, M16	2	2	2					

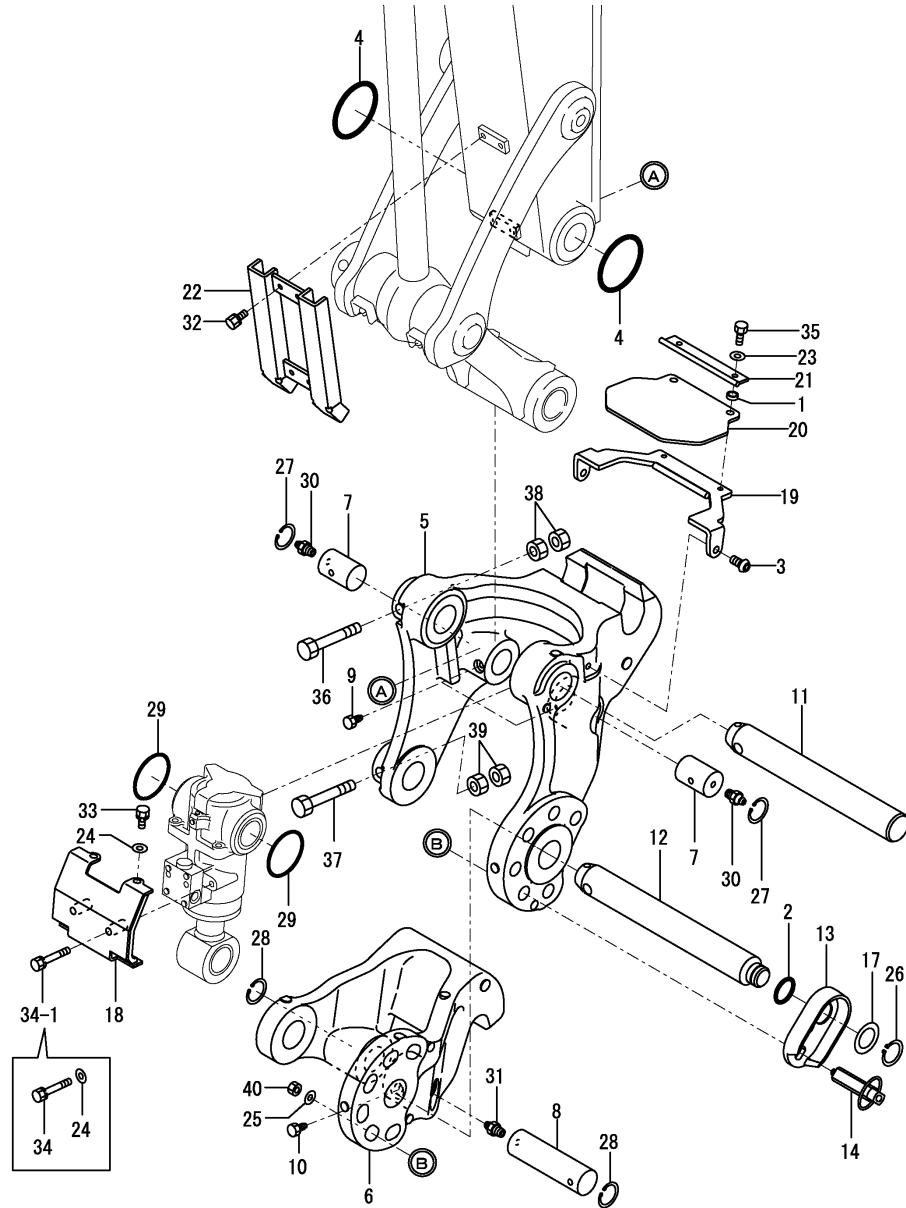
Remarks

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

Fig.85. QUICK COUPLER

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	1	26756-100002	NUT, LOCK M10	1	1	1					
41A	1	172458-03240	LABEL, LOCK	1	1	1					3
42A	1	172958-03160	LABEL	1	1	1					3

Remarks

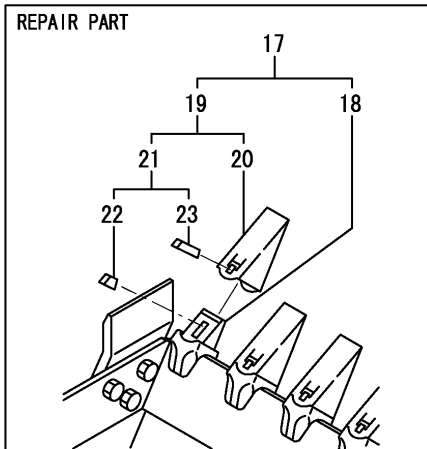
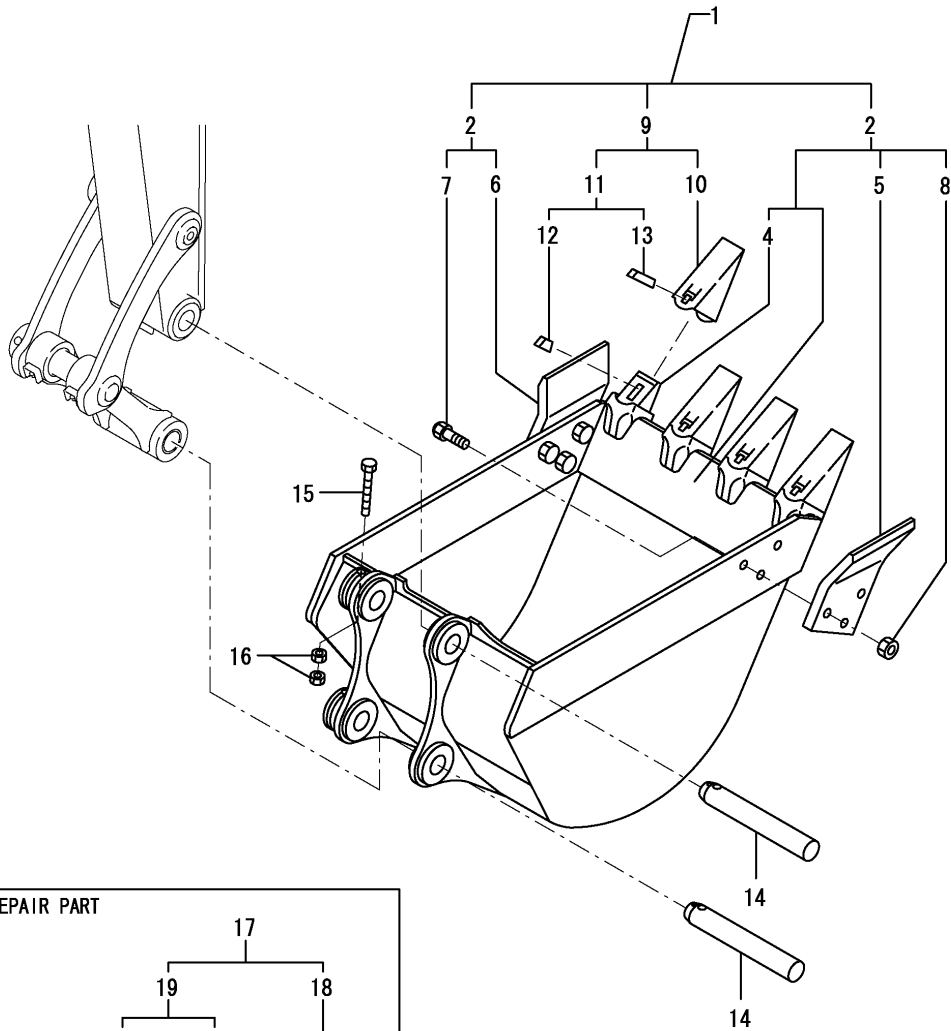
- (1) Attach the No.41A label to this part.
- (2) Attach the No.42A label to this part.
- (3) Label is not illustrated.



Fig.86. BUCKET

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

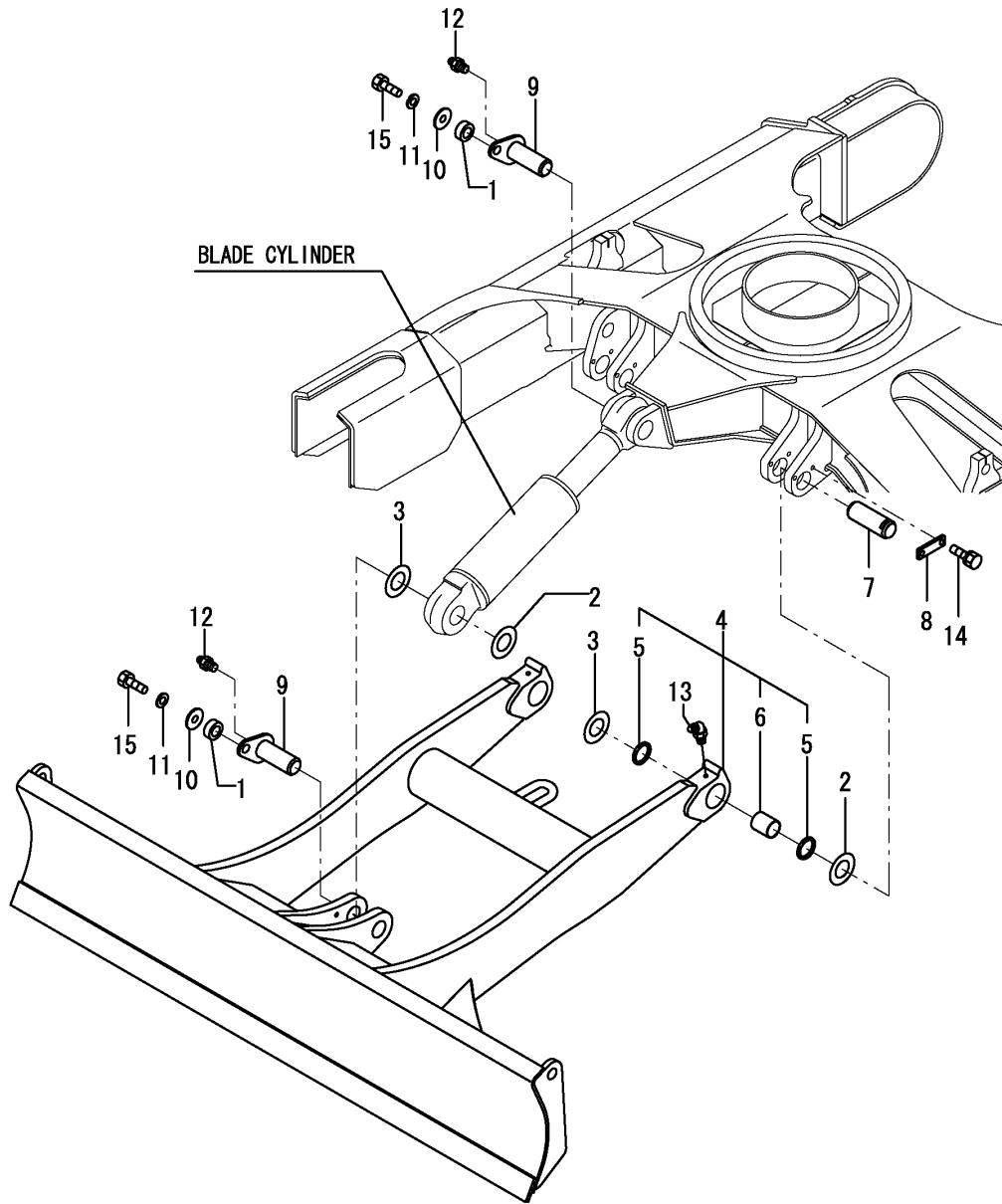


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-82490-1	BUCKET ASSY, 750S	1	1						
1-1	1	172455-82490-2	BUCKET ASSY, 750S (A=M/#11682) (C=M/#11682)	1	1						S
2	2	172455-82610	BUCKET ASSY, 750S (A=M/#11802) (C=M/#11802)	1	1						W
4	4	172455-82671	ADAPTER	4	4						
5	3	172455-82650-1	CUTTER, SIDE	1	1						
5-1	3	172455-82650-2	CUTTER, SIDE (A=M/#11682) (C=M/#11682)	1	1						S
6	3	172455-82660-1	CUTTER, SIDE	1	1						
6-1	3	172455-82660-2	CUTTER, SIDE (A=M/#11682) (C=M/#11682)	1	1						S
7	3	172455-82710	BOLT	6	6						
8	3	172455-82720	NUT	6	6						
9	2	172455-82760-1	TOOTH, POINT	4	4						
9-1	2	172455-82760-2	POINT 25S ASSY (49) (A=M/#11682) (C=M/#11682)	4	4						S
10	3	172455-82681-1	TOOTH, POINT	4	4						
10-1	3	172455-82681-2	TOOTH, POINT (A=M/#11682) (C=M/#11682)	4	4						S
11	3	172455-82770	PIN SET, RUBBER	4	4						
12	4	172455-82691	PIN, RUBBER	4	4						
13	4	172455-82701	PIN, LOCK	4	4						
14	1	172978-81400	PIN 50X301	2	2	2					
15	1	26116-161302	BOLT, M16X130 PLATED	2	2	2					
15-1	1	26076-161302	BOLT, 10.916X130 (A=M/#11163) (B=M/#11163) (C=M/#11163)	2	2	2					R
16	1	26716-160002	NUT, M16	4	4	4					
17	1	172455-82750-1	TOOTH ASSY	4	4						
17-1	1	172455-82750-2	TOOTH ASSY(GRAY:49) (A=M/#11682) (C=M/#11682)	4	4						S
18	2	172455-82671	ADAPTER	4	4						
19	2	172455-82760-1	TOOTH, POINT	4	4						
19-1	3	172455-82681-2	TOOTH, POINT (A=M/#11682) (C=M/#11682)	4	4						S
20	3	172455-82681-1	TOOTH, POINT	4	4						
20-1	3	172455-82681-2	TOOTH, POINT (A=M/#11682) (C=M/#11682)	4	4						S
21	3	172455-82770	PIN SET, RUBBER	4	4						
22	4	172455-82691	PIN, RUBBER	4	4						
23	4	172455-82701	PIN, LOCK	4	4						

Fig.87. BLADE

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

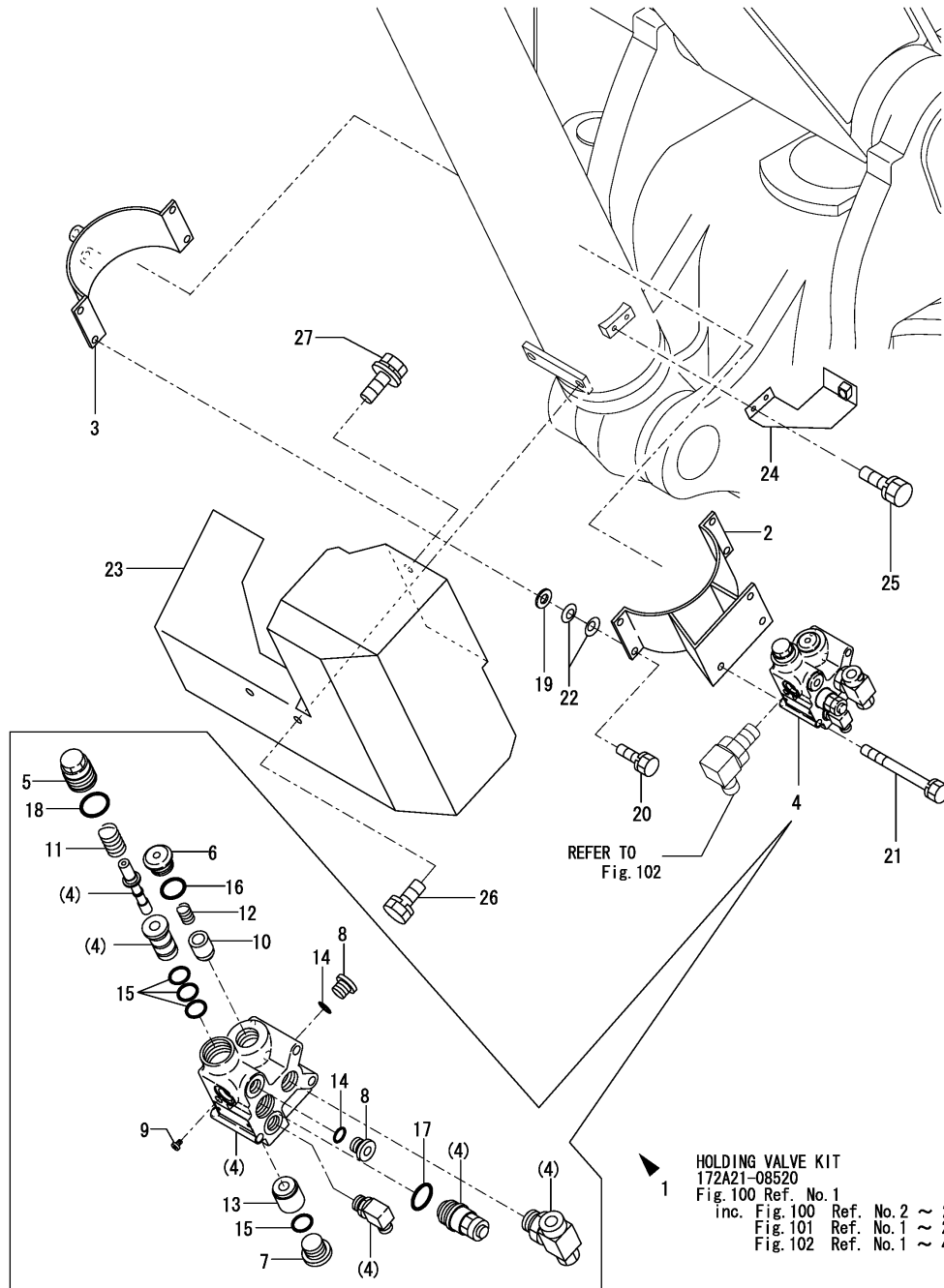


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2					
2	1	172175-81700	SHIM	4	4	4					
3	1	172175-81710	SHIM	4	4	4					
4	1	172478-94100-1	BLADE ASSY	1	1	1					
4-1	1	172478-94100-2	BLADE ASSY	1	1	1					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
4-2	1	172478-94101	BLADE ASSY	1	1	1					N
		(A=M/#13546) (B=M/#13546) (C=M/#13546)									
5	2	172020-10620	SEAL, DUST	4	4	4					
6	2	172162-81060	BUSH	2	2	2					
7	1	172162-94270	PIN	2	2	2					
8	1	172162-94280-1	PLATE, LOCK	2	2	2					
8-1	1	172162-94280-3	PLATE, LOCK	2	2	2					S
		(A=M/#11682) (B=M/#11682) (C=M/#11682)									
9	1	172187-94300	PIN ASSY	2	2	2					
10	1	22157-140000	WASHER, 14	2	2	2					
11	1	22217-140000	WASHER, SPRING 14	2	2	2					
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2					
13	1	24761-040000	NIPPLE, GREASE B	2	2	2					
14	1	26013-120302	BOLT, M12X 30	4	4	4					
15	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2					

Fig.100. HOLD VALVE KIT(1)(OPTIONAL)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

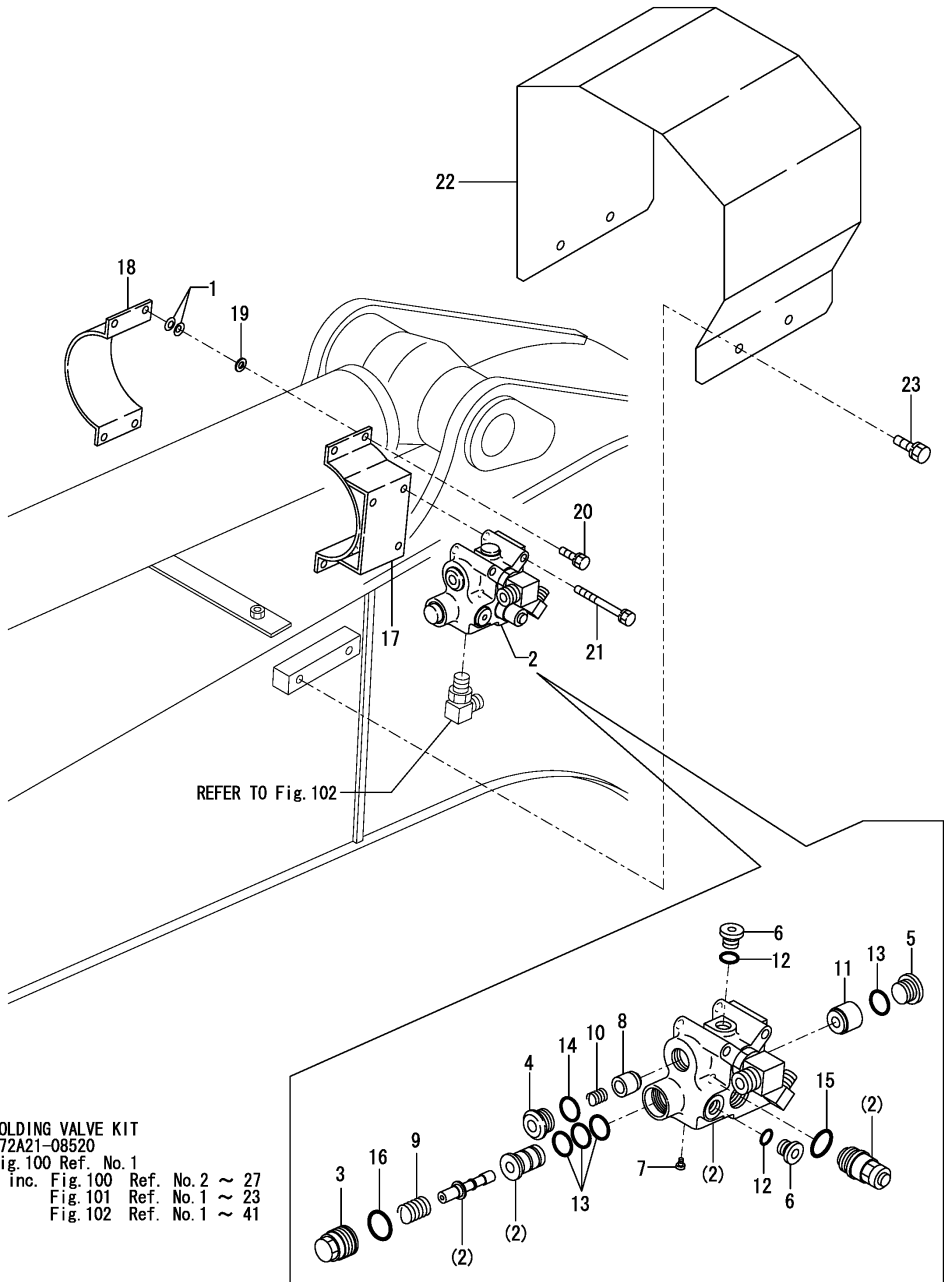


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-08520	VALVE KIT, HOLDING (B=M/#13134)	1							W
2	2	172187-77001-1	BAND, BOOT		1						
3	2	172187-77030-1	BAND, BOOT		1						
4	2	172187-77100	VALVE,HOLD(BOOM)		1						
5	3	172455-77110	PLUG		1						
6	3	172455-77120	PLUG		1						
7	3	172455-77130	PLUG		1						
8	3	172455-77140	PLUG		2						
9	3	172455-77150	PLUG		1						
10	3	172455-77160	POPPET		1						
11	3	172455-77170	SPRING		1						
12	3	172455-77180	SPRING		1						
13	3	172455-77191	PISTON		1						
14	3	24315-000110	O-RING, 1BP11.0		2						
15	3	24315-000160	O-RING, 1BP16.0		4						
16	3	24315-000200	O-RING, 1BP20.0		1						
17	3	24315-000220	O-RING, 1BP22.0		1						
18	3	24315-350220	O-RING, 1BP22A		1						
19	2	22137-080000	WASHER, 8		4						
20	2	26013-080252	BOLT, M8X 25		4						
21	2	26013-080752	BOLT, M8X 75		3						
22	2	172068-28490	SPRING		8						
23	2	172187-77340-1	GUARD, CRANE		1						
24	2	172478-77400	STAY ASSY		1						
25	2	26013-100202	BOLT, M10X 20		2						
26	2	26013-100452	BOLT, M10X 45		2						
27	2	26014-100202	BOLT, M10X 20		1						

Fig.101. HOLD VALVE KIT(2)(OPTIONAL)

(A)=VIO75-A(US)  
 (B)=VIO75-A(AS)  
 (C)=VIO75-A(NZ)

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

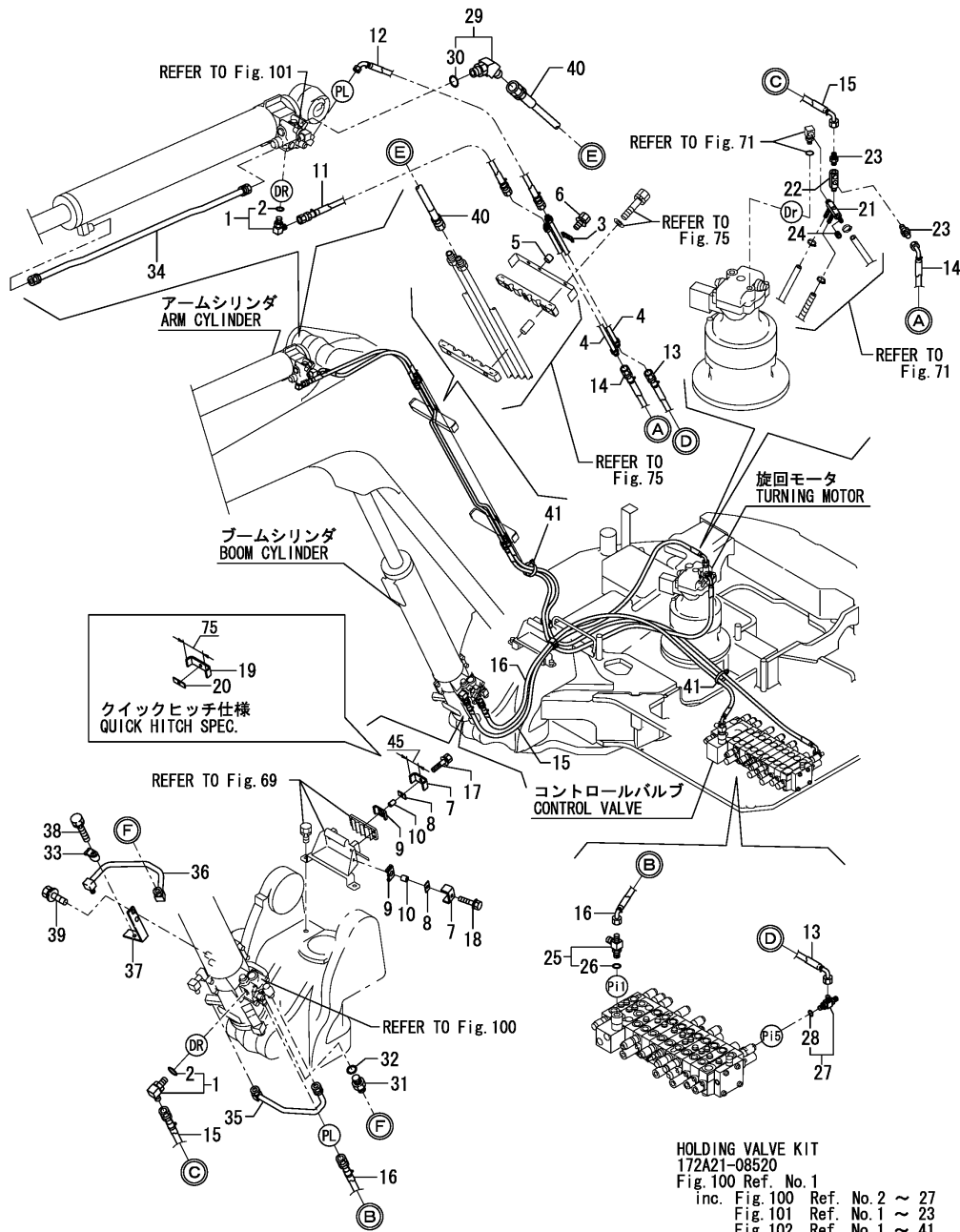


REFER TO Fig.102

HOLDING VALVE KIT  
 172A21-08520  
 Fig.100 Ref. No.1  
 inc. Fig.100 Ref. No.2 ~ 27  
 Fig.101 Ref. No.1 ~ 23  
 Fig.102 Ref. No.1 ~ 41

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172068-28490	SPRING		8						
2	2	172187-77090	VALVE,HOLD(ARM)		1						
3	3	172455-77110	PLUG		1						
4	3	172455-77120	PLUG		1						
5	3	172455-77130	PLUG		1						
6	3	172455-77140	PLUG		2						
7	3	172455-77150	PLUG		1						
8	3	172455-77160	POPPET		1						
9	3	172455-77170	SPRING		1						
10	3	172455-77180	SPRING		1						
11	3	172455-77191	PISTON		1						
12	3	24315-000110	O-RING, 1BP11.0		2						
13	3	24315-000160	O-RING, 1BP16.0		4						
14	3	24315-000200	O-RING, 1BP20.0		1						
15	3	24315-000220	O-RING, 1BP22.0		1						
16	3	24315-350220	O-RING, 1BP22A		1						
17	2	172187-77200-1	BAND, ARM		1						
18	2	172187-77230-1	BAND, ARM		1						
19	2	22137-080000	WASHER, 8		4						
20	2	26013-080252	BOLT, M8X 25		4						
21	2	26013-080752	BOLT, M8X 75		3						
22	2	172187-77311-1	GUARD, CYLINDER		1						
23	2	26013-100202	BOLT, M10X 20		4						

Fig.102. HOLD VALVE KIT(3)(OPTIONAL)



HOLDING VALVE KIT  
172A21-08520  
Fig.100 Ref. No.1  
inc. Fig.100 Ref. No.2 ~ 27  
Fig.101 Ref. No.1 ~ 23  
Fig.102 Ref. No.1 ~ 41

(A)=VIO75-A(US)  
(B)=VIO75-A(AS)  
(C)=VIO75-A(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172141-76181	CONNECTOR ASSY, 02FF		2						
2	3	24315-000110	O-RING, 1BP11.0		2						
3	2	172110-76170-1	PLATE		2						
4	2	172478-76450-1	TUBE ASSY		2						
5	2	172137-76580	COLLAR		2						
6	2	26014-080252	BOLT, M8X 25		2						
7	2	172478-76520-1	CLAMP		2						
8	2	172156-78490	PLATE, RUBBER (B		2						
9	2	172156-78520	SUPPORT, HOSE		2						
10	2	172156-78540	COLLAR, 9X18		2						
11	2	172478-78910	HOSE		1						
12	2	172478-78920	HOSE		1						
13	2	172478-78930	HOSE		1						
14	2	172478-78940	HOSE		1						
15	2	172478-78950	HOSE		1						
16	2	172478-78960	HOSE		1						
17	2	26013-080352	BOLT, M8X 35		1						
18	2	26013-080402	BOLT, M8X 40		1						
19	2	172A21-78210	CLAMP, 75X25		1						
20	2	172A21-78220	PLATE, RUBBER		2						
21	2	172187-76350	CONNECTOR		1						
22	2	172151-76580	CONNECTOR, 4-WAY 1/4		1						
23	2	23391-020000	JOINT, RGI-1/4		2						
24	2	23871-020000	PLUG, R02		1						
25	2	172162-76180	JOINT ASSY, 3-1/4		1						
26	3	24315-000110	O-RING, 1BP11.0		1						
27	2	172162-76181	JOINT ASSY		3						
28	3	24315-000110	O-RING, 1BP11.0		1						
29	2	1D4180-22850	ELBOW, 45 PF1/2		1						
30	3	24315-000180	O-RING, 1BP18.0		1						
31	2	172112-77361	CONNECTOR		1						
32	2	24315-000180	O-RING, 1BP18.0		1						
33	2	172142-76950	CLAMP		1						
34	2	172478-77320-1	TUBE, CYLINDER		1						
35	2	172187-77490-1	TUBE, BOOM		1						
36	2	172187-77590-1	TUBE, BOOM		1						
37	2	172187-77720-1	SUPPORT, TUBE		1						
38	2	26013-100502	BOLT, M10X 50		1						
39	2	26014-100202	BOLT, M10X 20		2						
40	2	172187-79700	HOSE		1						
41	2	172122-79930	CLAMP, HOSE		2						

## Parts No. Index

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104200-11920	10	2
106990-44660	10	17 -1
119247-77100	15	17
	23	29
119650-77910	15	19
119802-55710	11	19
119802-77200	15	18
119808-12540	5	3
120147-44810	20	12
121120-13580	4	8
121120-44800	1	46
121250-49121	8	4
121256-44600	8	27
121450-44531	8	22
121470-44581	8	24
124450-44550	8	26
124450-44560	8	23
124612-77910	15	22
124764-44810	1	47
	2	17
	8	41 A
124764-44920	1	48
124766-59050	8	28
		29
		30
	11	35
	67	10
124970-77920	15	36
129062-12560	5	4
129062-12570	5	5
129100-55690	11	16
129107-44590	8	19
129122-44480	19	4 -1
129211-77920	15	23
129412-52100	11	14
129457-44520	8	15 -1
129457-44530	8	30 -1
129466-96240	21	19
129612-52100	11	14 -1
171064-44510	8	20
172020-10102-1	47	1
172020-10113-1	47	3
172020-10141-1	47	6
172020-10220	47	4
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172020-10230	47	7
172020-10251	47	10
172020-10290	47	14
172020-10320	48	31
172020-10360	47	17

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172020-10370	47	15
172020-10380	47	18
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172020-10510-1	48	2
172020-10610	48	3
172020-10620	48	4
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	51	3
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172020-10680	48	14
172020-10720	48	5
172020-10730	50	2
172020-10750	48	6
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172020-10780	48	9
172020-10790	48	10
172020-10800	48	17
172020-10810	48	11
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172020-11030	49	10
172020-11151-1	50	1
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172020-11161-1	50	5
172020-11161-2	50	5 -1
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172020-11250	50	8
172020-11280	50	10
172020-11300	50	11
172020-11320	50	14
172020-11340	50	15
172020-11350	50	17
172020-11450	51	4
		25
172020-11470	51	2
172020-11500	51	5
172020-11520	51	8
172020-11530	51	12
172020-11540	51	9
172020-11600	47	16
172020-11610	47	19

Parts No.	Fig. No.	Ref. No.
172020-11620	47	26
172020-11650	48	18
172020-11690	50	16
172020-11700	50	18
172020-11710	50	25
172020-11720	51	10
172020-11730	51	13
172020-11740	51	20
172068-28490	29	18 A
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	100	22
	101	1
172110-45050	29	18 D
		20 D
172110-76170-1	77	6
	102	3
172112-06490	57	3
172112-16201	12	10
172112-16650	11	13
172112-74971	67	5
172112-75770	67	7
172112-75780	67	8
172112-77361	69	5
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172112-77480	80	1
172112-77580	80	2
172113-12522	6	12
172113-74170	59	3
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	61	11
	62	4
172113-74190	59	4
	62	5
172116-74150	56	10
	57	4
		13
	58	7
		40
		61
	59	18
	60	31

Parts No.	Fig. No.	Ref. No.
172116-74150	61	7
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	62	20
	63	30
172116-74190	59	5
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		18
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	62	6
172116-75850-3	67	24
172122-13310	22	6
172122-17190	38	1
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172122-37844	26	23
172122-46590	29	24
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	33	24
172122-55061	10	14
172122-70260	98	23
172122-70410	98	25
172122-70530	98	27
172122-73860	55	6
172122-73870	55	7
172122-73890	55	11 -1
172122-79930	69	30
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172123-76121	71	2
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		6
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	79	1
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172124-13500	23	5
172124-17640	19	4
172124-46200	28	5
	29	10
	31	9
	33	20
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172124-65480	43	26
172124-70380	98	49
172125-03950	1	45

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Parts No.	Fig. No.	Ref. No.
172125-03951	1	45 -1
172126-11510	11	1
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172126-16540	38	26
	103	1
172137-12270	6	5
172137-13400	11	21
172137-14610	11	8 -1
172137-16560	11	34
172137-46040	7	10
	36	1
172137-46210	16	7
172137-76110	71	1
	98	71
172137-76580	77	14
	102	5
172141-03360	1	26
172141-14260	10	7
172141-17211	15	9
172141-41340	29	1
172141-41360	31	5
	32	5
	33	7
	40	22
172141-41370	28	9
	29	3
		6
	31	2
	33	17
172141-65330	23	17
172141-72250	52	2
172141-73710	67	6
172141-74430	46	114
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172141-76180	70	2
	72	10
	77	3
	79	4
172141-76181	72	10 -1
	102	1
172141-76220	72	29
172141-76900	69	2
	105	16
172141-76940	74	3
172141-77800	80	3
172142-43540	31	28

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172142-76940	76	10
172142-76950	75	8
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172147-76271	69	1
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	87	1
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172156-65690	43	29
172156-76110	17	10
172156-78490	77	22
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172162-13180	7	5
172162-13780	9	29
172162-14200	10	4
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172162-70150	98	79
172162-70290	98	3
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172162-81680	81	9
172162-82350	47	5
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172162-82360	85	4
172162-83560	82	14
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172162-83600	81	21
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172187-45060	34	1
172187-45220	29	18
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172187-76570-1	76	5
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172187-78410	75	13
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172187-82400	81	17
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172455-11540	5	7
172455-11550	5	8
172455-11551	5	8 -1
172455-11580	5	9
172455-11601	5	10
172455-11602	5	10 -1
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26706-100002	4	13
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	33	40
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