

0CS10-M59101EN

P R E F A C E

1 . This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI080-1 for U.S.A., Australia, New Zealand.

(M/# 10502 ~)

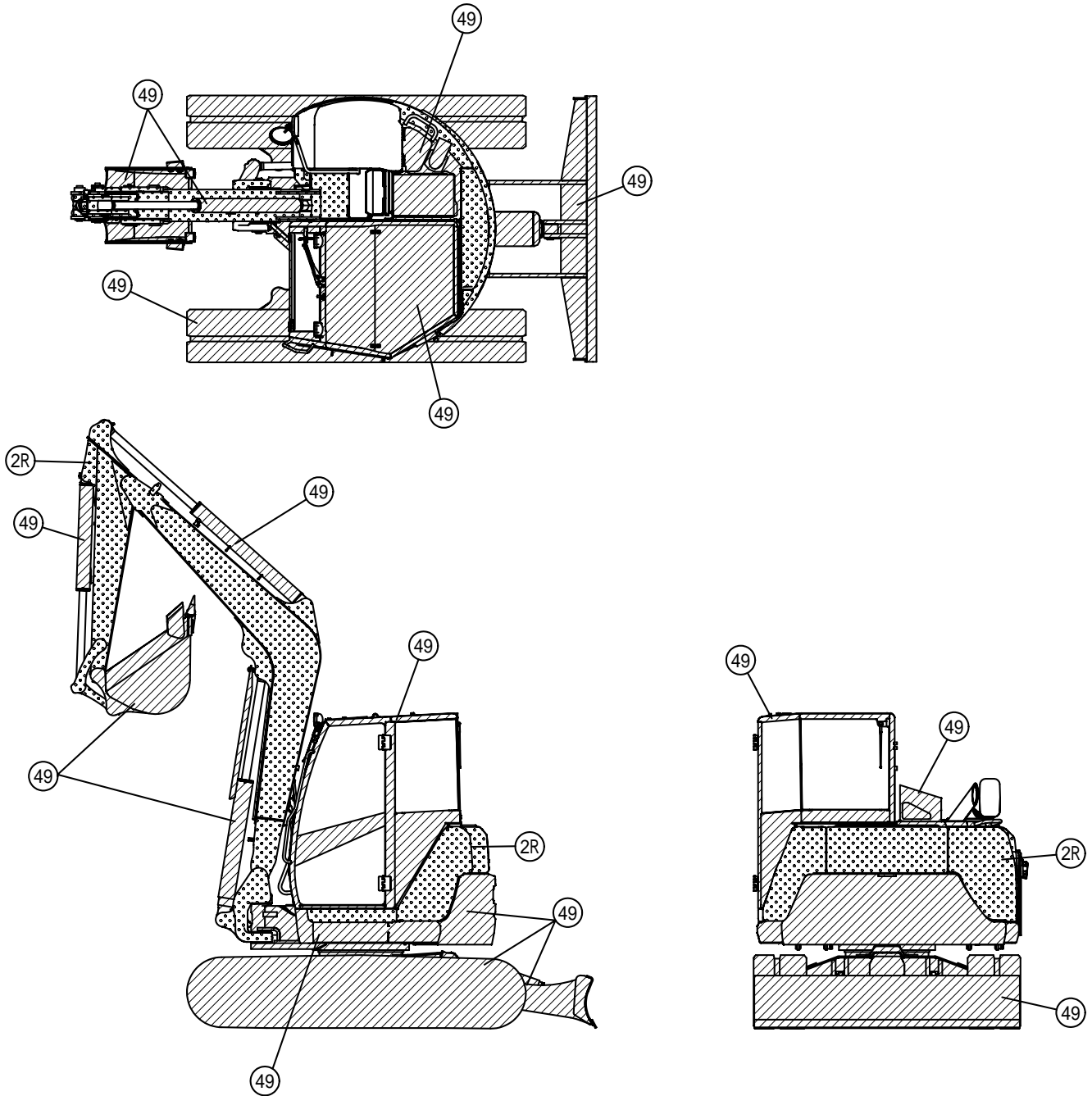
2 . Parts catalog history



		Model	Published	Remarks
1st edition	Vehicle	VI080-1(US,AS,NZ)	Sep.,2013	Disuse old edition
	Engine	4TNV98-ZWBV2		
1st revised	Vehicle	VI080-1(US,AS,NZ,BR)	Mar.,2014	
	Engine	4TNV98-ZWBV2		

3 . 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



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490

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FRONT

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ENGINE RELATED

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Fig. No. Fig. Name

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- 97. CONTROL VALVE(A-TYPE)(5/9)(TO M11518)
- 98. CONTROL VALVE(A-TYPE)(6/9)(TO M11518)
- 99. CONTROL VALVE(A-TYPE)(7/9)(TO M11518)
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- 186. (101E)CONTROL VALVE(B-TYPE)(5/9)(FROM M11519)
- 187. (101F)CONTROL VALVE(B-TYPE)(6/9)(FROM M11519)
- 188. (101G)CONTROL VALVE(B-TYPE)(7/9)(FROM M11519)
- 189. (101H)CONTROL VALVE(B-TYPE)(8/9)(FROM M11519)
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- 109. REMOTE CONTROL VALVE(TRAVEL)
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- 111. HYD. OIL TANK
- 112. HOLD VALVE(BOOM)(K SPEC.)
- 179. (112A)HOLD VALVE(BOOM)(R SPEC.)
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- 114. HYD. OIL PIPING(PUMP - CONTROL VALVE - OIL COOLER)
- 115. HYD. OIL PIPING(TANK - PUMP, SWING CYLINDER)
- 116. CONTROL VALVE - TURNING MOTOR
- 117. CONTROL VALVE(FITTING)(1)
- 118. HYD. OIL PIPING(CONTROL VALVE : FITTING)(2)
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- 123. BOOM
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- 181. (127A)HOLD VALVE(R SPEC.)
- 128. CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE)
- 129. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)
- 130. CONTROL PIPING(2-WAY VALVE - REMOTE CONTROL VALVE)
- 131. CONTROL PIPING(TRAVEL, SWING PEDAL)
- 132. CONTROL PIPING(P.T.O.)
- 133. GREASING(TURNING FRAME)
- 134. GREASING(BOOM)

IMPLEMENT

- 135. BOOM BRACKET
- 136. BOOM
- 137. ARM
- 172. (137A)ARM(LONG ARM SPEC.)
- 138. BUCKET ARM & LINK
- 139. QUICK COUPLER(Y SPEC.)
- 166. (139A)QUICK COUPLER ACCESSORIES(EXCEPT Y SPEC.)
- 140. BUCKET PIN
- 160. (140A)BUCKET(750Q)(QUICK COUPLER SPEC.)
- 164. (140B)BUCKET(750)(WITHOUT QUICK COUPLER SPEC.)
- 141. BLADE

Fig. No. Fig. Name

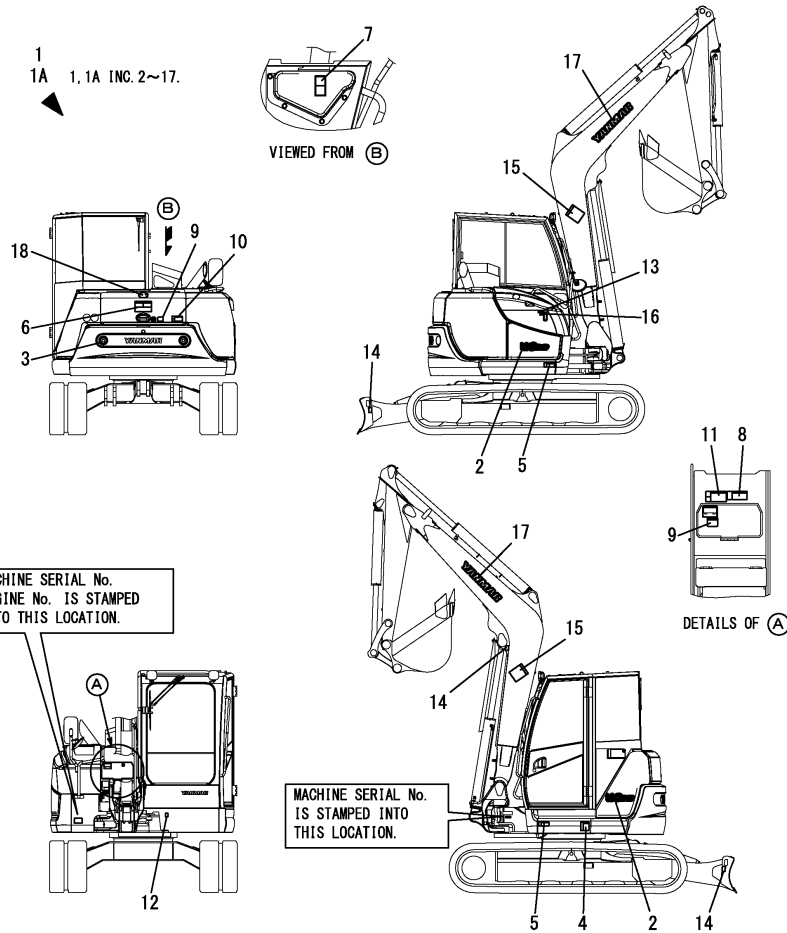
OPTIONAL & KIT

- 142. ADDITIONAL WEIGHT(OPTIONAL)
- 153. LABEL(OPTIONAL)(CA)
- 163. (153A)LABEL(OPTIONAL)(CA)(WITHOUT QUICK COUPLER SPEC.)
- 165. DIAL KIT FOR P.T.O. FLOW RATE ADJUSTMENT(OPTIONAL)
- 167. REMOTE CONTROLLER KIT(OPTIONAL)
- 168. P.T.O. 2 KIT(OPTIONAL)
- 178. SIDE MIRROR(LEFT)(OPTIONAL)
- 199. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)
- 205. FUEL KIT(BIO DIESEL)(OPTIONAL)

Fig.1. LABEL(EXTERIOR)(ENGLISH)(TO M1F000)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08120	LABEL SET,OUT EX	1	1	1					
1A	1	172B11-08120	LABEL SET,OUT EX				1				Z 1
				(D=M11457)							
2	2	172B11-03140	LABEL,TYPE	2	2	2	2				
3	2	172B11-03160	LABEL,REAR EMBLEM	1	1	1	1				
4	2	172472-03141	LABEL, SUPPORT	1	1	1	1				
5	2	172437-03352	LABEL, CYLINDER	2	2	2	2				
6	2	172437-03381	LABEL, SWING AREA	1	1	1	1				
7	2	172437-03391	LABEL, RADIATOR	1	1	1	1				
8	2	172B03-03390	LABEL,SILENCER EX	1	1	1	1				
9	2	172437-03402	LABEL, ENGINE COVER	2	2	2	2				
10	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
11	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
12	2	172B03-03460	LABEL, GREASE US	1	1	1	1				
13	2	172437-03501	LABEL, FUEL	1	1	1	1				
14	2	172437-03511	LABEL, HOOK	3	3	3	3				
15	2	172187-03941	LABEL, BOOM US	2	2	2	2				
16	2	114110-07761	LABEL, FUEL OIL CAUT	1	1	1	1				
17	2	172A65-03230	LABEL,YANMAR 627	2	2	2	2				
18	1	172A89-03500	EMBLEM ASSY	1	1	1	1				

SAFETY LABEL

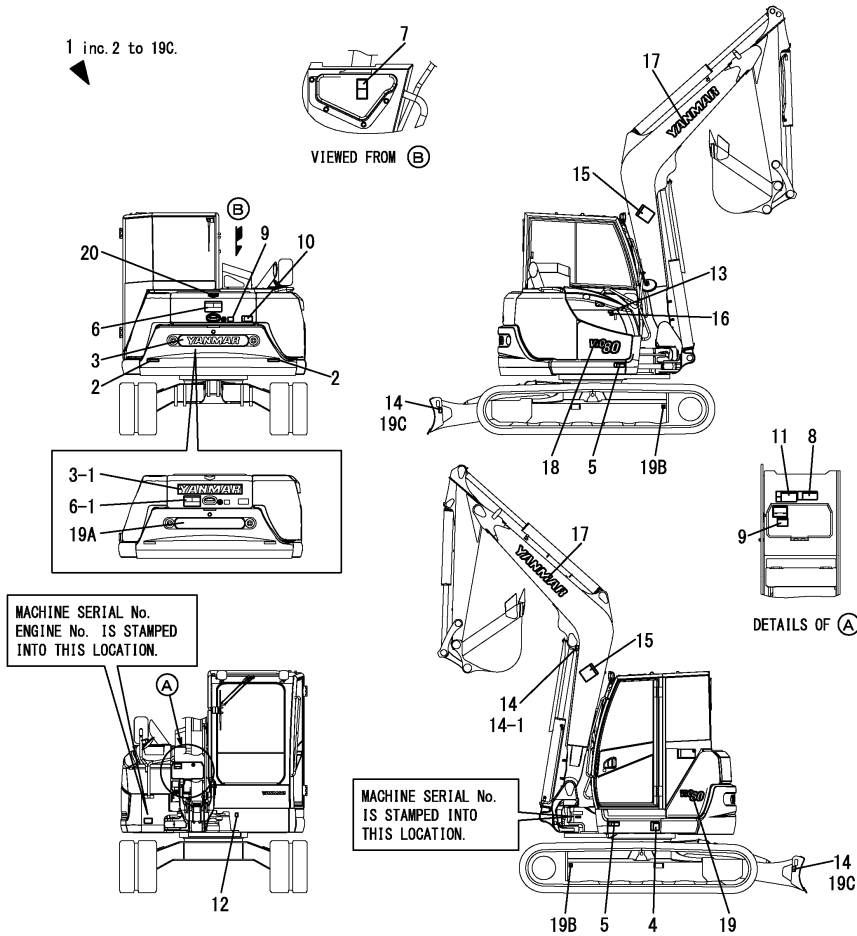
Remarks

(1)PORTUGUESE specifications is shown in Fig.173(1B).

Fig.194. (1A)LABEL(EXTERIOR)(ENGLISH)(FROM M1F001)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08121	LABEL SET,OUT EX D	1	1	1					1
1-1	1	172B11-08122	LABEL SET,OUT EX D	1	1	1					S
		(A=M1F001) (B=M1F001) (C=M1F001)									
2	2	172B04-03980	LABEL, REFLECTOR M	2	2	2					
3	2	172B11-04790	LABEL,REAR 80	1	1	1					
3-1	2	172A86-03840	LABEL, YANMAR 800 B	1	1	1					S
		(A=M1F001) (B=M1F001) (C=M1F001)									
4	2	172472-03141	LABEL, SUPPORT	1	1	1					
5	2	172437-03352	LABEL, CYLINDER	2	2	2					
6	2	172437-03381	LABEL, SWING AREA	1	1	1					
6-1	2	172A64-03380	LABEL, SWING AREA US	1	1	1					N
		(A=M1F001) (B=M1F001) (C=M1F001)									
7	2	172437-03391	LABEL, RADIATOR	1	1	1					
8	2	172B03-03390	LABEL,SILENCER EX	1	1	1					
9	2	172437-03402	LABEL, ENGINE COVER	2	2	2					
10	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1					
11	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1					
12	2	172B03-03460	LABEL, GREASE US	1	1	1					
13	2	172437-03501	LABEL, FUEL	1	1	1					
14	2	172437-03511	LABEL, LIFTING	3	3	3					
14-1	2	172437-03511	LABEL, LIFTING	1	1	1					K
		(A=M1F400) (B=M1F400) (C=M1F400)									
15	2	172187-03941	LABEL, BOOM US	2	2	2					
16	2	114110-07761	LABEL, FUEL OIL CAUT	1	1	1					
17	2	172A86-03840	LABEL,YANMAR 800 B	2	2	2					
18	2	172B11-03470	LABEL,MODEL VIO80 R	1	1	1					
19	2	172B11-03480	LABEL,MODEL VIO80 L	1	1	1					
19A	2	172B11-03260	LABEL,WEIGHT	1	1	1					W
		(A=M1F001) (B=M1F001) (C=M1F001)									
19B	2	172B03-03930	LABEL,TIE-DOWN	2	2	2					W
		(A=M1F400) (B=M1F400) (C=M1F400)									
19C	2	172B03-03940	LABEL,LIFTING & TIE	2	2	2					W
		(A=M1F400) (B=M1F400) (C=M1F400)									
20	1	172B36-03100	EMBLEM ASSY,FY L5 Y	1	1	1					

Remarks

(1)PORTUGUESE specifications is shown in Fig.195(1C).

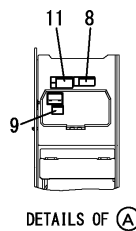
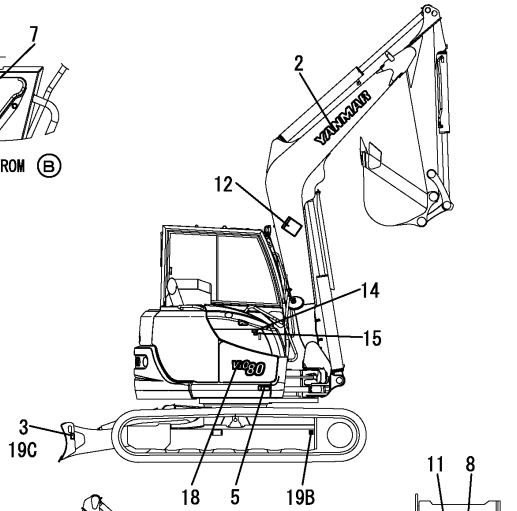
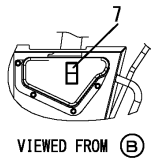
Fig.195. (1C)LABEL(EXTERIOR)(BR)(PORTUGUESE)(FROM M1F001)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

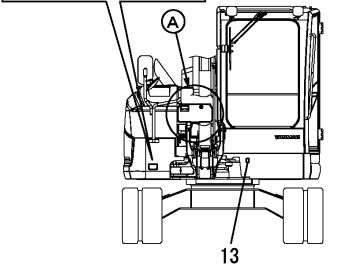
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08141	LABEL SET,OUT BR D				1				
1-1	1	172B11-08142	LABEL SET,OUT BR D				1				S
(D=M1F001)											
2	2	172A86-03840	LABEL, YANMAR 800 B				2				
3	2	172437-03511	LABEL, LIFTING				3				
3-1	2	172437-03511	LABEL, LIFTING				1				K
(D=M1F400)											
4	2	172B02-04500	LABEL,SUPPORT PT				1				
5	2	172B02-04620	LABEL,GREASE CYL PT				2				
6	2	172B02-04650	LABEL,SWING AREA PT				1				
6-1	2	172A64-04380	LABEL, SWING AREA PT				1				N
(D=M1F001)											
7	2	172B02-04660	LABEL,RADIATOR PT				1				
8	2	172B02-04670	LABEL,SILENCER PT				1				
9	2	172B02-04680	LABEL,ENGINE COVER P				2				
10	2	172B02-04690	LABEL,ENGROOM PT				1				
11	2	172B02-04690	LABEL,ENGROOM PT				1				
12	2	172B02-04800	LABEL,BOOM PT				2				
13	2	172B02-04810	LABEL, GREASE PT				1				
14	2	172B02-04830	LABEL,FUEL TANK PT				1				
15	2	172B02-04860	LABEL, FUEL OIL CAUT				1				
16	2	172B04-03980	LABEL, REFLECTOR M				2				
17	2	172B11-04790	LABEL,REAR 80				1				
17-1	2	172B11-03260	LABEL,WEIGHT				1				S
(D=M1F001)											
18	2	172B11-03470	LABEL,MODEL VIO80 R				1				
19	2	172B11-03480	LABEL,MODEL VIO80 L				1				
19A	2	172A86-03840	LABEL, YANMAR 800 B				1				W
(D=M1F001)											
19B	2	172B03-03930	LABEL,TIE-DOWN				2				W
(D=M1F400)											
19C	2	172B03-03940	LABEL,LIFTING & TIE				2				W
(D=M1F400)											
20	1	172B36-03100	EMBLEM ASSY,FY L5 Y				1				

1 inc. 2 to 19C.



MACHINE SERIAL No. IS STAMPED INTO THIS LOCATION.

MACHINE SERIAL No. IS STAMPED INTO THIS LOCATION.

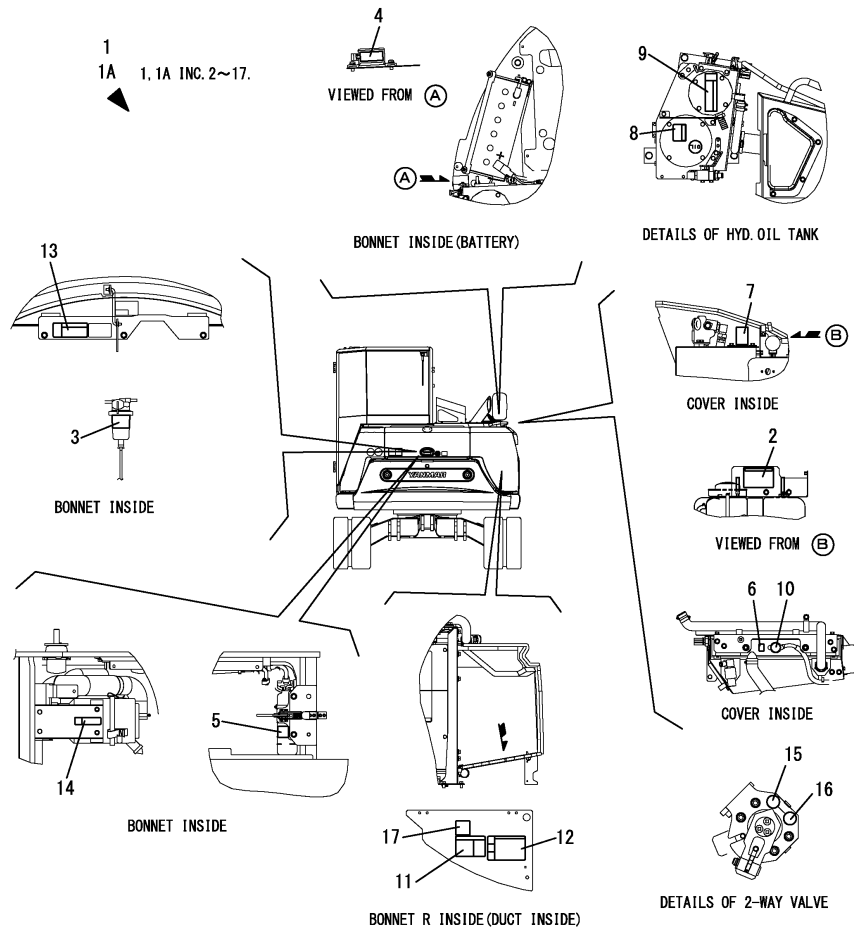


SAFETY LABEL

Fig.2. LABEL(BONNET INSIDE)(ENGLISH)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08160	LABEL SET,IN EX	1	1	1					
1A	1	172B11-08160	LABEL SET,IN EX				1				Z 1
				(D=M11457)							
2	2	172A69-03130	LABEL,GREASING US	1	1	1	1				
3	2	172A07-03160	LABEL	1	1	1	1				
4	2	172B11-03170	LABEL,LF	1	1	1	1				
5	2	172A38-03201	LABEL, SUB TANK	1	1	1	1				
6	2	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				
7	2	172A69-03270	LABEL,PTO SELECT	1	1	1	1				
8	2	172463-03290	LABEL, HYD.OIL	1	1	1	1				
9	2	172437-03322	LABEL, RESEVOIR	1	1	1	1				
10	2	172462-03320	LABEL, RADIATOR	1	1	1	1				
11	2	172A69-03350	LABEL,BATTERY COVER	1	1	1	1				
12	2	172437-03361	LABEL, BATTERY	1	1	1	1				
13	2	172B03-03390	LABEL,SILENCER EX	1	1	1	1				
14	2	172125-03951	LABEL, AIR CLEANER	1	1	1	1				
15	2	172437-03610	LABEL	1	1	1	1				
16	2	172437-03620	LABEL	1	1	1	1				
17	2	172B04-03590	LABEL,MINUS CABLE		1	1					

SAFETY LABEL

5

6

9

11

12

13

14

Remarks
 (1)PORTUGUESE specifications is shown in Fig.174(2A).

Fig.174. (2A)LABEL(BONNET INSIDE)(BR)(PORTUGUESE)(FROM M11457)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08290	LABEL SET,IN BR (D=M11457)				1				W
2	2	172B11-03170	LABEL,LF				1				
3	2	172A69-03270	LABEL,PTO SELECT				1				
4	2	172437-03610	LABEL				1				
5	2	172437-03620	LABEL				1				
6	2	172B05-04430	LABEL,BATTERY COVER				1				
7	2	172B11-04450	LABEL,GREASING PT				1				
8	2	172B02-04510	LABEL,WATER DRAIN PT				1				
9	2	172B02-04520	LABEL,SUB-TANK PT				1				
10	2	172B02-04530	LABEL, ANTI-FREEZING				1				
11	2	172B02-04540	LABEL,HYD.OIL PT				1				
12	2	172B02-04590	LABEL,RESERVOIR PT				1				
13	2	172B02-04600	LABEL,RADCAP PT				1				
14	2	172B02-04640	LABEL,BATTERY PT				1				
14-1	2	172B02-04641	LABEL,BATTERY PT (D=M1F400)				1				N
15	2	172B02-04670	LABEL,SILENCER PT				1				
16	2	172B02-04840	LABEL,AIR CLEANER PT				1				

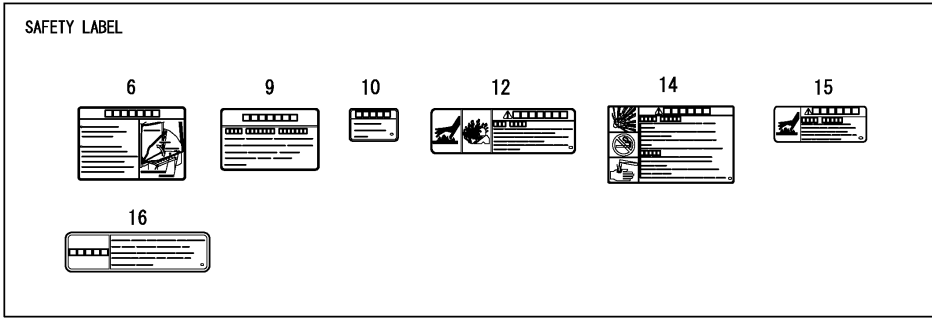
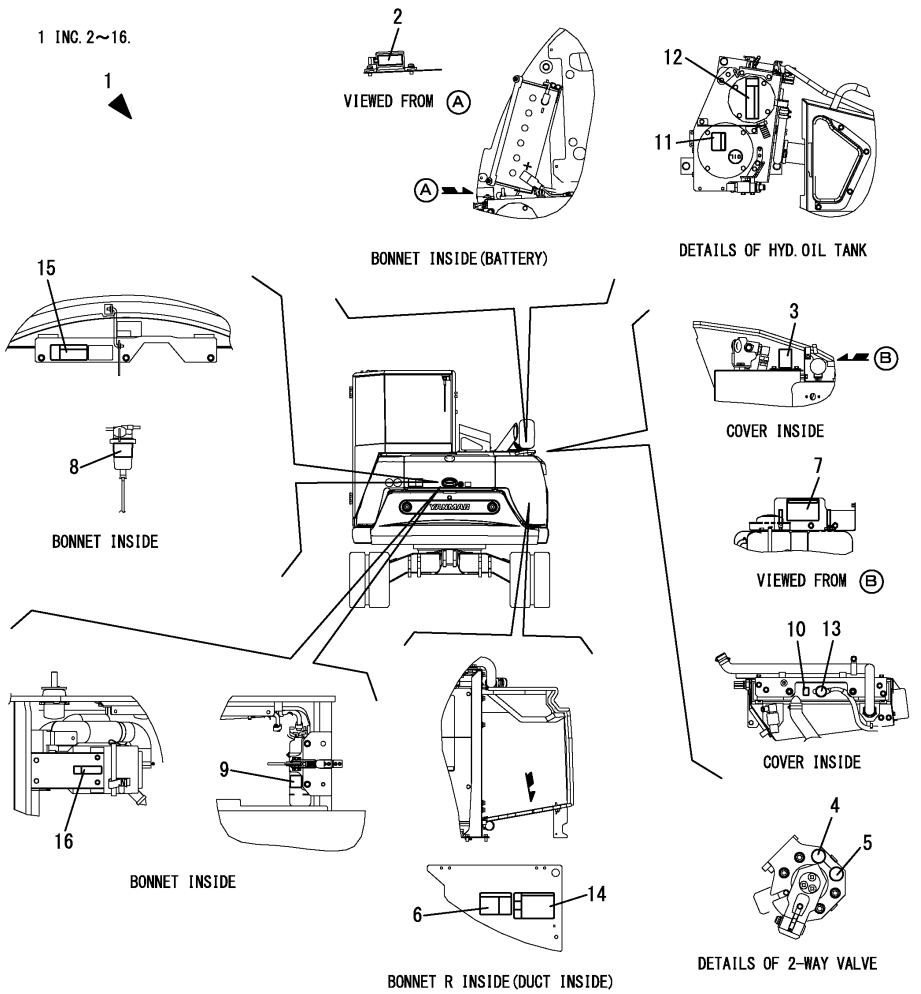
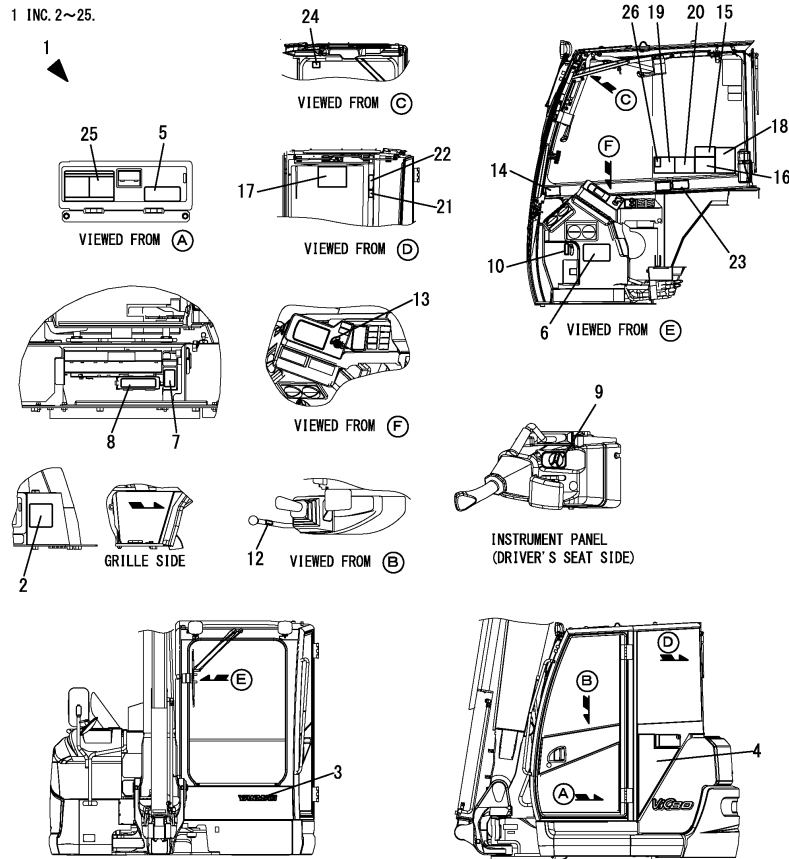


Fig.3. LABEL(CABIN)(TO M1F000)

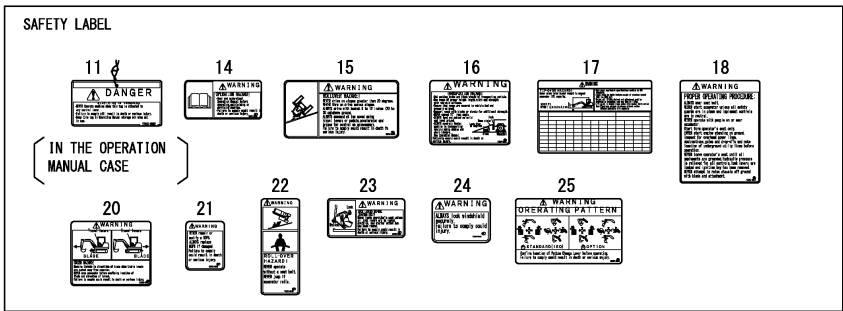
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

1 INC. 2~25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08210	LABEL SET,CAB EX	1	1	1					
2	2	172463-03281	LABEL,ADJUST CRAWLER	1	1	1					1
3	2	172B11-03300	LABEL,BRANDLOGO 315	1	1	1					
4	2	172B11-03310	LABEL,CAB SIDE	1	1	1					
5	2	172B11-03100	LABEL, SPEC US	1	1	1					
6	2	172A89-03110	LAVEL,OIL & WATER US	1	1	1					
7	2	172B11-03120	LABEL,FUSE BOX US	1	1	1					
8	2	172B11-03130	LABEL,RELAY BOX	1	1	1					
9	2	172A69-03220	LABEL,ACCELERATOR	1	1	1					
10	2	172B03-03240	LABEL,AIR SELECT	1	1	1					
11	2	172437-03252	TAG ASSY, CAUTION	1	1	1					
12	2	172183-03280	LABEL, LOCK	1	1	1					
13	2	172B03-03220	LABEL,SW	1	1	1					
14	2	172437-03302	LABEL, MANUAL	1	1	1					
15	2	172437-03312	LABEL, SLOPE	1	1	1					
16	2	172437-03343	LABEL, TRANSPORT	1	1	1					
17	2	172A89-03360	LABEL,LIFT Q	1	1	1					
17-1	2	172A89-03361	LABEL,LIFT Q	1	1	1					N
				(A=M10692)		(B=M10692)		(C=M10692)			
18	2	172437-03372	LABEL, NEUTRAL	1	1	1					
19	2	172B11-03400	LABEL, OPERATION	1	1	1					
20	2	172437-03432	LABEL, STEERING	1	1	1					
21	2	172437-03441	LABEL, ROPS	1	1	1					
22	2	172437-03451	LABEL, SEAT BELT	1	1	1					
23	2	172437-03471	LABEL, LEVER LOCK	1	1	1					
24	2	172437-03551	LABEL, WINDOW US	1	1	1					
25	2	172437-03601	LABEL, 2-WAY US	1	1	1					
26	1	172B11-03410	LABEL,PTO	1	1	1					2

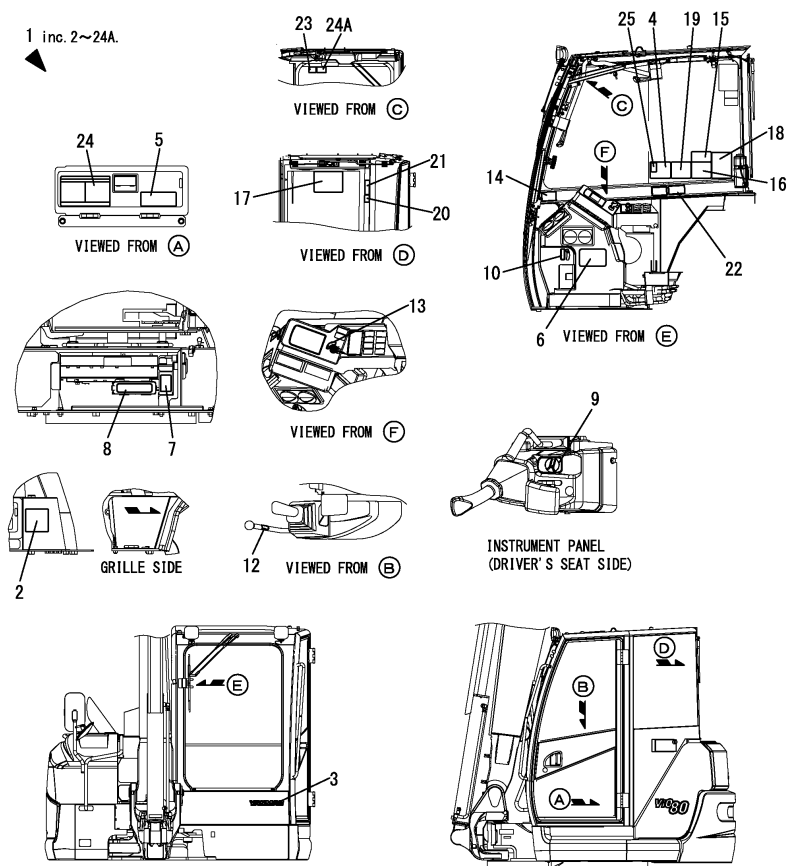


Remarks
 * P.T.O. 2 kit is shown in Fig.168.
 (1)Rubber crawler specification.
 (2)P.T.O. 2 specification.

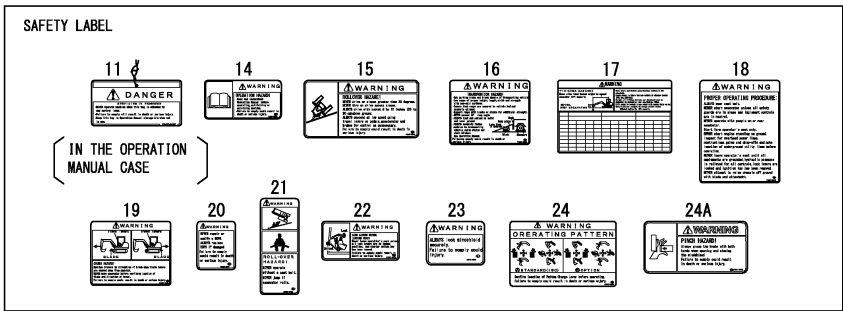
Fig.196. (3A)LABEL(CABIN)(FROM M1F001)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08211	LABEL SET,CAB EX D	1	1	1					
2	2	172463-03281	LABEL,ADJUST CRAWLER	1	1	1					1
3	2	172A86-03480	LABEL,YANMAR 280 W	1	1	1					
4	2	172B11-03400	LABEL, OPERATION	1	1	1					
5	2	172B11-03100	LABEL, SPEC US	1	1	1					
6	2	172A89-03110	LABEL,OIL & WATER US	1	1	1					
7	2	172B11-03120	LABEL,FUSE BOX US	1	1	1					
8	2	172B11-03130	LABEL,RELAY BOX	1	1	1					
9	2	172A69-03220	LABEL,ACCELERATOR	1	1	1					
10	2	172B03-03240	LABEL,AIR SELECT	1	1	1					
11	2	172437-03252	TAG ASSY, CAUTION	1	1	1					
12	2	172183-03280	LABEL, LOCK	1	1	1					
13	2	172B03-03220	LABEL,SW	1	1	1					
14	2	172437-03302	LABEL, MANUAL	1	1	1					
15	2	172437-03312	LABEL, SLOPE	1	1	1					
16	2	172437-03343	LABEL, TRANSPORT	1	1	1					
17	2	172A89-03361	LABEL,LIFT Q	1	1	1					
18	2	172437-03372	LABEL, NEUTRAL	1	1	1					
19	2	172437-03432	LABEL, STEERING	1	1	1					
20	2	172437-03441	LABEL, ROPS	1	1	1					
21	2	172437-03451	LABEL, SEAT BELT	1	1	1					
22	2	172437-03471	LABEL, LEVER LOCK	1	1	1					
23	2	172437-03551	LABEL, WINDOW US	1	1	1					
24	2	172437-03601	LABEL, 2-WAY US	1	1	1					
24A	2	172B11-03970	LABEL, PINCH US	1	1	1					W
		(A=M1F001) (B=M1F001) (C=M1F001)									
25	1	172B11-03410	LABEL,PTO	1	1	1					2

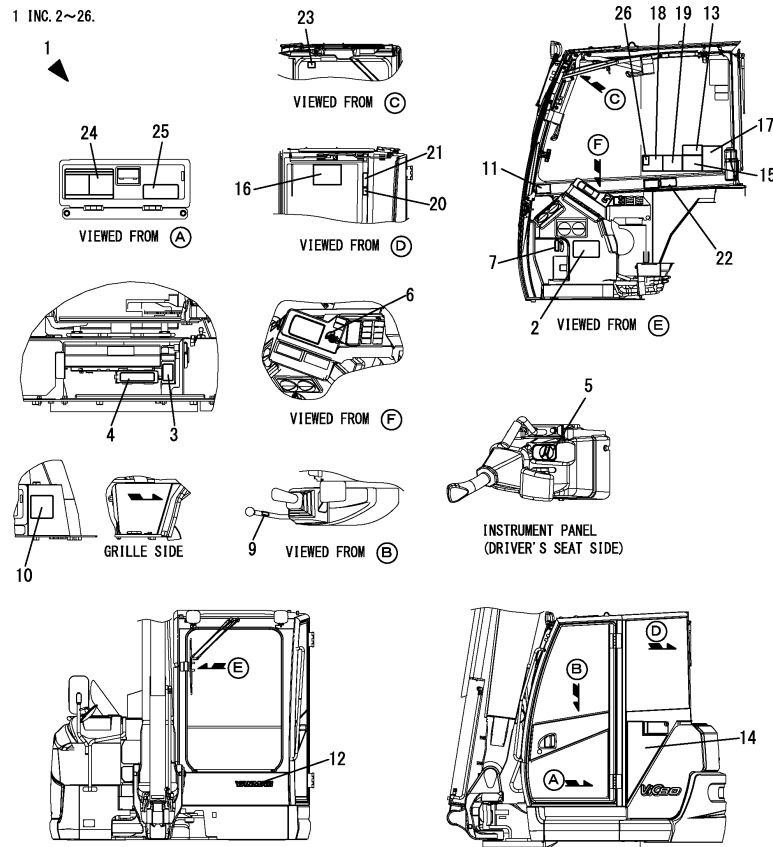


Remarks
 * P.T.O. 2 kit is shown in Fig.168.
 (1)Rubber crawler specification.
 (2)P.T.O. 2 specification.

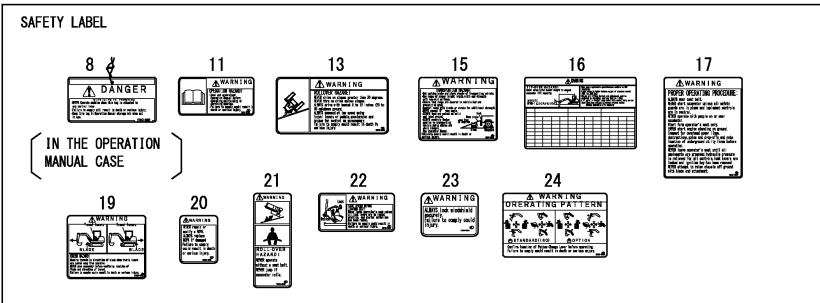
Fig.154. (3B)LABEL(CABIN)(BR)(ENGLISH)(TO M11456)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B11-08220	LABEL SET,CAB BR (D=M11457)				1				Z	3
2	2	172A89-03110	LABEL,OIL & WATER US				1					
3	2	172B11-03120	LABEL,FUSE BOX US				1					
4	2	172B11-03130	LABEL,RELAY BOX				1					
5	2	172A69-03220	LABEL,ACCELERATOR				1					
6	2	172B03-03220	LABEL,SW				1					
7	2	172B03-03240	LABEL,AIR SELECT				1					
8	2	172437-03252	TAG ASSY, CAUTION				1					
9	2	172183-03280	LABEL, LOCK				1					
10	2	172463-03281	LABEL,ADJUST CRAWLER				1					1
11	2	172437-03302	LABEL, MANUAL				1					
12	2	172B11-03300	LABEL,BRANDLOGO 315				1					
13	2	172437-03312	LABEL, SLOPE				1					
14	2	172B11-03310	LABEL,CAB SIDE				1					
15	2	172437-03343	LABEL, TRANSPORT				1					
16	2	172A89-03361	LABEL,LIFT Q				1					
17	2	172437-03372	LABEL, NEUTRAL				1					
18	2	172B11-03400	LABEL, OPERATION				1					
19	2	172437-03432	LABEL, STEERING				1					
20	2	172437-03441	LABEL, ROPS				1					
21	2	172437-03451	LABEL, SEAT BELT				1					
22	2	172437-03471	LABEL, LEVER LOCK				1					
23	2	172437-03551	LABEL, WINDOW US				1					
24	2	172437-03601	LABEL, 2-WAY US				1					
25	2	172B11-03700	LABEL, SPEC BRA				1					
26	2	172B11-03410	LABEL,PTO				1					2



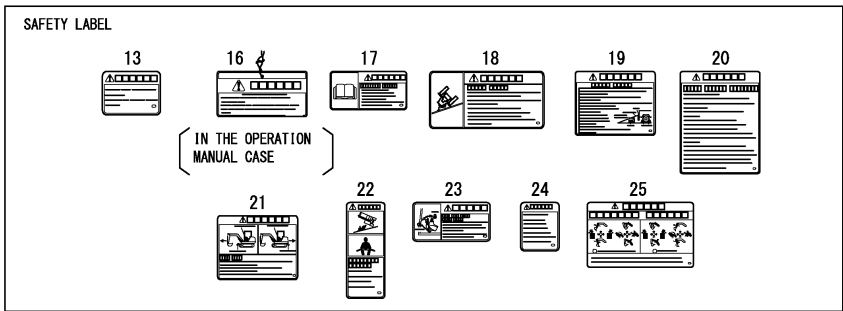
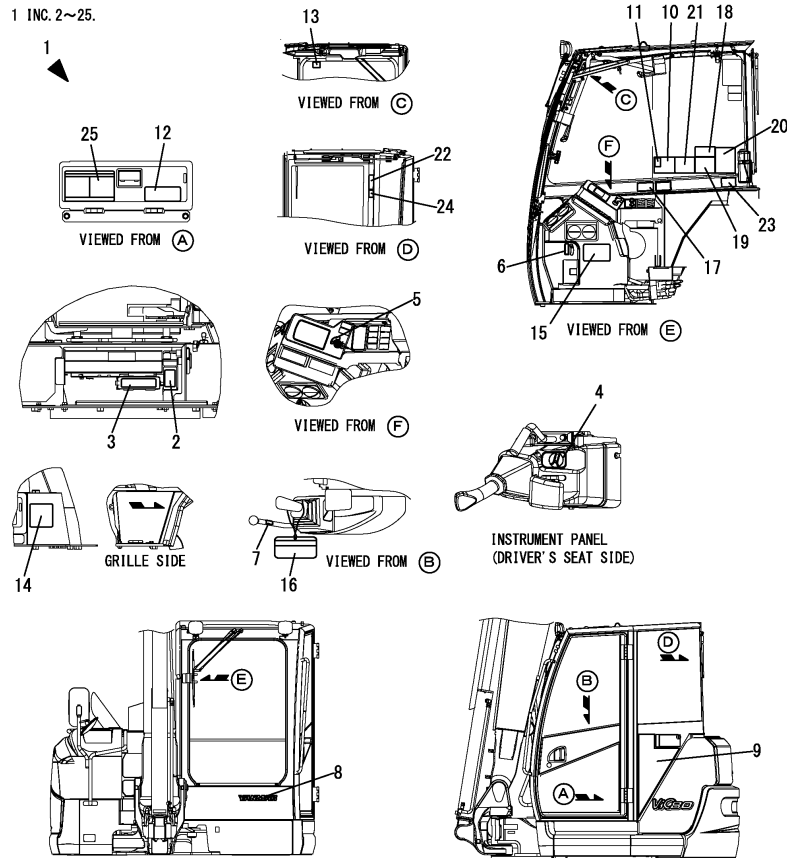
Remarks
 * P.T.O.2 kit is shown in Fig.168.
 (1)Rubber crawler specification.
 (2)P.T.O. 2 specification.
 (3)PORTUGUESE specifications is shown in Fig.175(3C).

Fig.175. (3C)LABEL(CABIN)(BR)(PORTUGUESE)(FROM M11457 TO M1F000)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

1 INC. 2~25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08280	LABEL SET,CAB BR (D=M11457)				1				W
2	2	172B11-03120	LABEL,FUSE BOX US				1				
3	2	172B11-03130	LABEL,RELAY BOX				1				
4	2	172A69-03220	LABEL,ACCELERATOR				1				
5	2	172B03-03220	LABEL,SW				1				
6	2	172B03-03240	LABEL,AIR SELECT				1				
7	2	172183-03280	LABEL, LOCK				1				
8	2	172B11-03300	LABEL,BRANDLOGO 315				1				
9	2	172B11-03310	LABEL,CAB SIDE				1				
10	2	172B11-03400	LABEL, OPERATION				1				
11	2	172B11-03410	LABEL,PTO				1				2
12	2	172B11-03710	LABEL, SPEC BR				1				
13	2	172B02-04410	LABEL,WINDOW PT				1				
14	2	172B11-04430	LABEL,ADJUST CRAWLER				1				1
15	2	172B11-04440	LABEL,OIL/WATER PT				1				
16	2	172B02-04550	PLATE ASSY,WARNING P				1				
17	2	172B02-04570	LABEL,MANUAL PT				1				
18	2	172B02-04580	LABEL,SLOPE PT				1				
19	2	172B02-04610	LABEL,TRANSPORT PT				1				
20	2	172B02-04630	LABEL,NEUTRAL PT				1				
21	2	172B02-04710	LABEL,STERRING PT				1				
22	2	172B02-04730	LABEL,SEAT BELT PT				1				
23	2	172B02-04820	LABEL,LEVER LOCK PT				1				
24	2	172B02-04880	LABEL,ROPS PT				1				
25	2	172B02-04950	LABEL,2 WAY PT				1				

Remarks

* P.T.O.2 kit is shown in Fig.168.

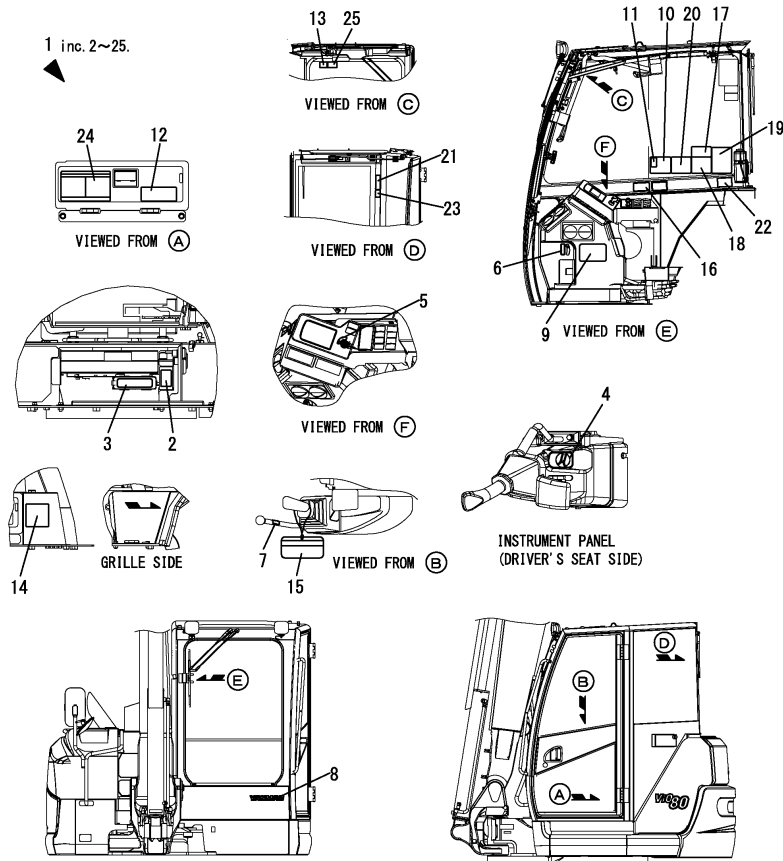
(1)Rubber crawler specification.

(2)P.T.O. 2 specification.

Fig.197. (3D)LABEL(CABIN)(BR)(PORTUGUESE)(FROM M1F001)

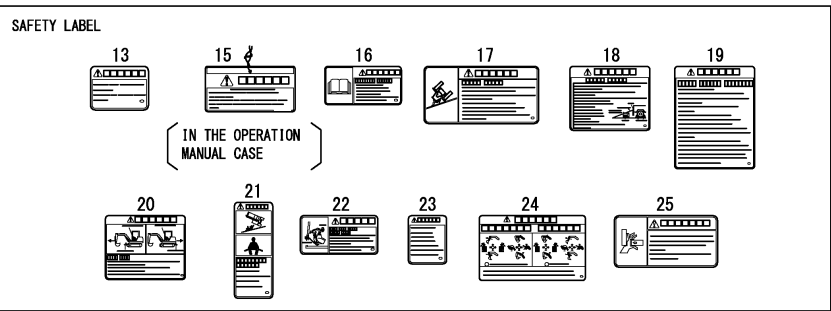
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08281	LABEL SET,CAB BR D				1				
2	2	172B11-03120	LABEL,FUSE BOX US				1				
3	2	172B11-03130	LABEL,RELAY BOX				1				
4	2	172A69-03220	LABEL,ACCELERATOR				1				
5	2	172B03-03220	LABEL,SW				1				
6	2	172B03-03240	LABEL,AIR SELECT				1				
7	2	172183-03280	LABEL, LOCK				1				
8	2	172A86-03480	LABEL,YANMAR 280 W				1				
9	2	172B11-04440	LABEL,OIL/WATER PT				1				
10	2	172B11-03400	LABEL, OPERATION				1				
11	2	172B11-03410	LABEL,PTO				1				2
12	2	172B11-03710	LABEL, SPEC BR				1				
13	2	172B02-04410	LABEL,WINDOW PT				1				
14	2	172B11-04430	LABEL,ADJUST CRAWLER				1				1
15	2	172B02-04550	PLATE ASSY,WARNING P				1				
16	2	172B02-04570	LABEL,MANUAL PT				1				
17	2	172B02-04580	LABEL,SLOPE PT				1				
18	2	172B02-04610	LABEL,TRANSPORT PT				1				
19	2	172B02-04630	LABEL,NEUTRAL PT				1				
20	2	172B02-04710	LABEL,STERRING PT				1				
21	2	172B02-04730	LABEL,SEAT BELT PT				1				
22	2	172B02-04820	LABEL,LEVER LOCK PT				1				
23	2	172B02-04880	LABEL,ROPS PT				1				
24	2	172B02-04950	LABEL,2 WAY PT				1				
25	2	172B11-03990	LABEL,PINCH PT				1				W

(D=M1F011)



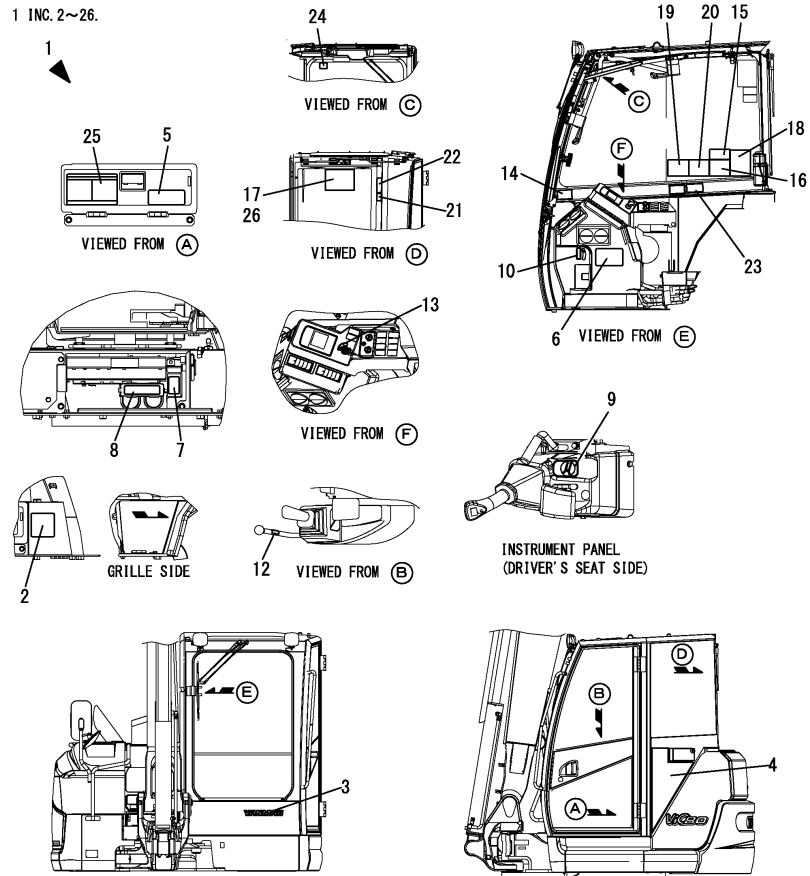
Remarks
 * P.T.O.2 kit is shown in Fig.168.
 (1)Rubber crawler specification.
 (2)P.T.O. 2 specification.

Fig.162. (3E)LABEL(CABIN)(WITHOUT QUICK COUPLER SPEC.)(TO M1F000)

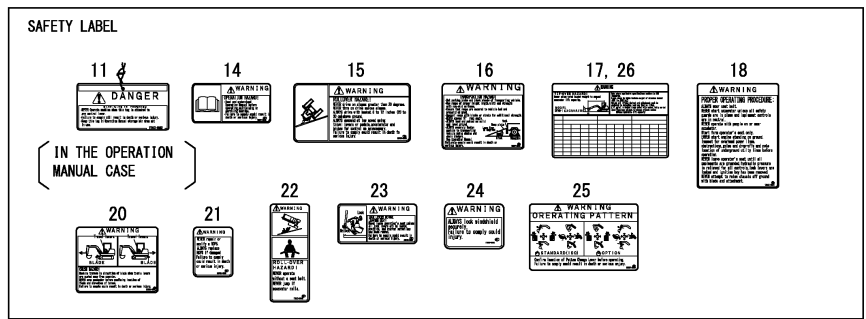
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

1 INC. 2~26.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08260	LABEL SET,CAB EX NQ	1	1	1					
2	2	172463-03281	LABEL,ADJUST CRAWLER	1	1	1					1
3	2	172B11-03300	LABEL,BRANDLOGO 315	1	1	1					
4	2	172B11-03310	LABEL,CAB SIDE	1	1	1					
5	2	172B11-03350	LABEL, SPEC US	1	1	1					
6	2	172A89-03110	LAVEL,OIL & WATER US	1	1	1					
7	2	172B11-03120	LABEL,FUSE BOX US	1	1	1					
8	2	172B11-03130	LABEL,RELAY BOX	1	1	1					
9	2	172A69-03220	LABEL,ACCELERATOR	1	1	1					
10	2	172B03-03240	LABEL,AIR SELECT	1	1	1					
11	2	172437-03252	TAG ASSY, CAUTION	1	1	1					
12	2	172183-03280	LABEL, LOCK	1	1	1					
13	2	172B03-03220	LABEL,SW	1	1	1					
14	2	172437-03302	LABEL, MANUAL	1	1	1					
15	2	172437-03312	LABEL, SLOPE	1	1	1					
16	2	172437-03343	LABEL, TRANSPORT	1	1	1					
17	2	172B11-03360	LABEL, LIFT	1							
18	2	172437-03372	LABEL, NEUTRAL	1	1	1					
19	2	172B11-03400	LABEL, OPERATION	1	1	1					
20	2	172437-03432	LABEL, STEERING	1	1	1					
21	2	172437-03441	LABEL, ROPS	1	1	1					
22	2	172437-03451	LABEL, SEAT BELT	1	1	1					
23	2	172437-03471	LABEL, LEVER LOCK	1	1	1					
24	2	172437-03551	LABEL, WINDOW US	1	1	1					
25	2	172437-03601	LABEL, 2-WAY US	1	1	1					
26	2	172B11-03910	LABEL, LIFT US LONG		1	1					2

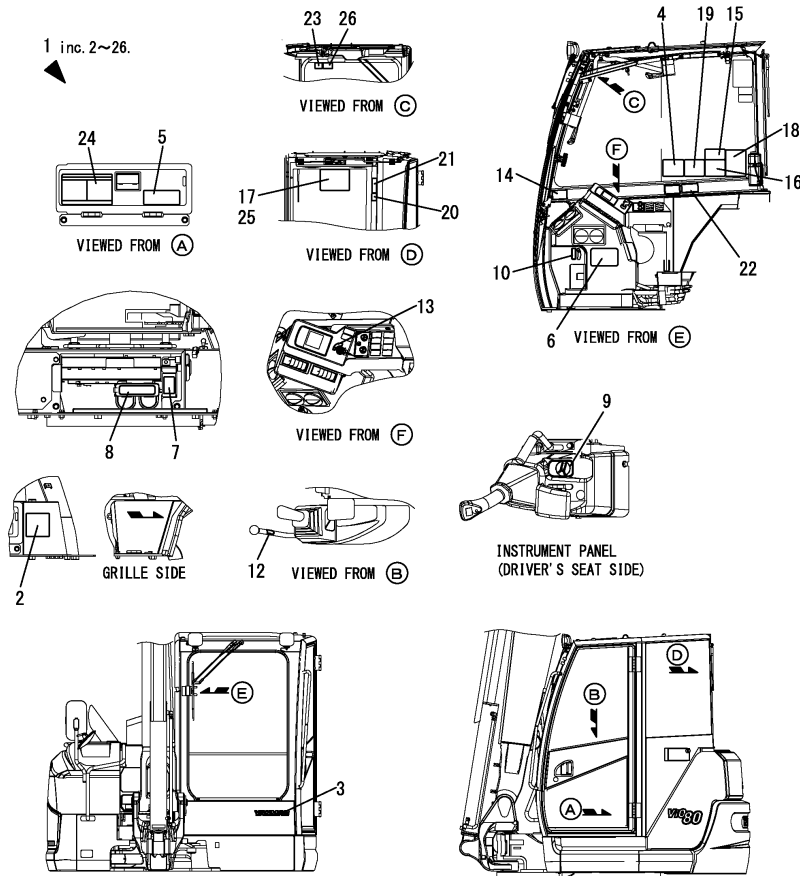


Remarks
 (1)Rubber crawler specification.
 (2)Long arm specification.

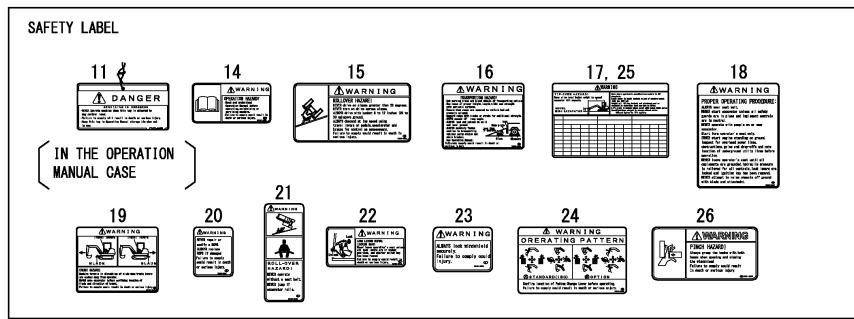
Fig.198. (3F)LABEL(CABIN)(WITHOUT QUICK COUPLER SPEC.)(FROM M1F001)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08261	LABEL SET,CAB EX NQD	1	1	1					
2	2	172463-03281	LABEL,ADJUST CRAWLER	1	1	1					1
3	2	172A86-03480	LABEL,YANMAR 280 W	1	1	1					
4	2	172B11-03400	LABEL, OPERATION	1	1	1					
5	2	172B11-03350	LABEL, SPEC US	1	1	1					
5-1	2	172B11-03100	LABEL, SPEC US	1	1	1					N
		(A=M10502)	(B=M10502)	(C=M10502)							
6	2	172A89-03110	LABEL,OIL & WATER US	1	1	1					
7	2	172B11-03120	LABEL,FUSE BOX US	1	1	1					
8	2	172B11-03130	LABEL,RELAY BOX	1	1	1					
9	2	172A69-03220	LABEL,ACCELERATOR	1	1	1					
10	2	172B03-03240	LABEL,AIR SELECT	1	1	1					
11	2	172437-03252	TAG ASSY, CAUTION	1	1	1					
12	2	172183-03280	LABEL, LOCK	1	1	1					
13	2	172B03-03220	LABEL,SW	1	1	1					
14	2	172437-03302	LABEL, MANUAL	1	1	1					
15	2	172437-03312	LABEL, SLOPE	1	1	1					
16	2	172437-03343	LABEL, TRANSPORT	1	1	1					
17	2	172B11-03360	LABEL, LIFT	1							
18	2	172437-03372	LABEL, NEUTRAL	1	1	1					
19	2	172437-03432	LABEL, STEERING	1	1	1					
20	2	172437-03441	LABEL, ROPS	1	1	1					
21	2	172437-03451	LABEL, SEAT BELT	1	1	1					
22	2	172437-03471	LABEL, LEVER LOCK	1	1	1					
23	2	172437-03551	LABEL, WINDOW US	1	1	1					
24	2	172437-03601	LABEL, 2-WAY US	1	1	1					
25	2	172B11-03910	LABEL, LIFT US LONG			1	1				2
26	2	172B11-03970	LABEL, PINCH US	1	1	1					W
		(A=M1F001)	(B=M1F001)	(C=M1F001)							



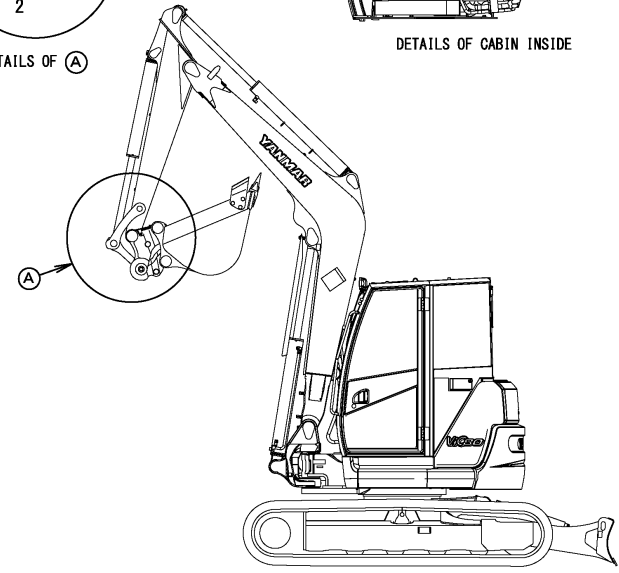
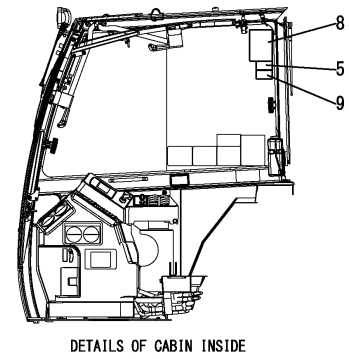
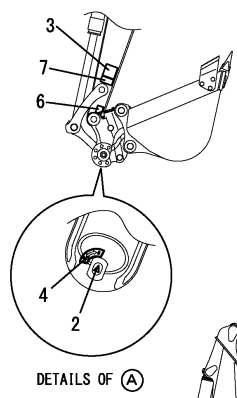
Remarks
 (1)Rubber crawler specification.
 (2)Long arm specification.

Fig.4. LABEL(QUICK COUPLER)(ENGLISH)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

1, 1A INC. 2~9.
 1
 1A



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08200	LABEL SET,Q EX	1	1	1					
1A	1	172B03-08200	LABEL SET,Q EX (D=M11457)				1				Z
2	2	172958-03160	LABEL	1	1	1	1				
3	2	172472-03230	LABEL, OPERATION	1	1	1	1				
4	2	172458-03240	LABEL, LOCK	1	1	1	1				
5	2	172472-03241	LABEL, PINUS	1	1	1	1				
6	2	172472-03261	LABEL, FINGER	1	1	1	1				
7	2	172472-03330	LABEL, LOCK PIN	1	1	1	1				
8	2	172B03-04400	LABEL,WARNING HITCH	1	1	1	1				
9	2	172B03-04410	LABEL,SAND US	1	1	1	1				

SAFETY LABEL

5

6

7

8

9

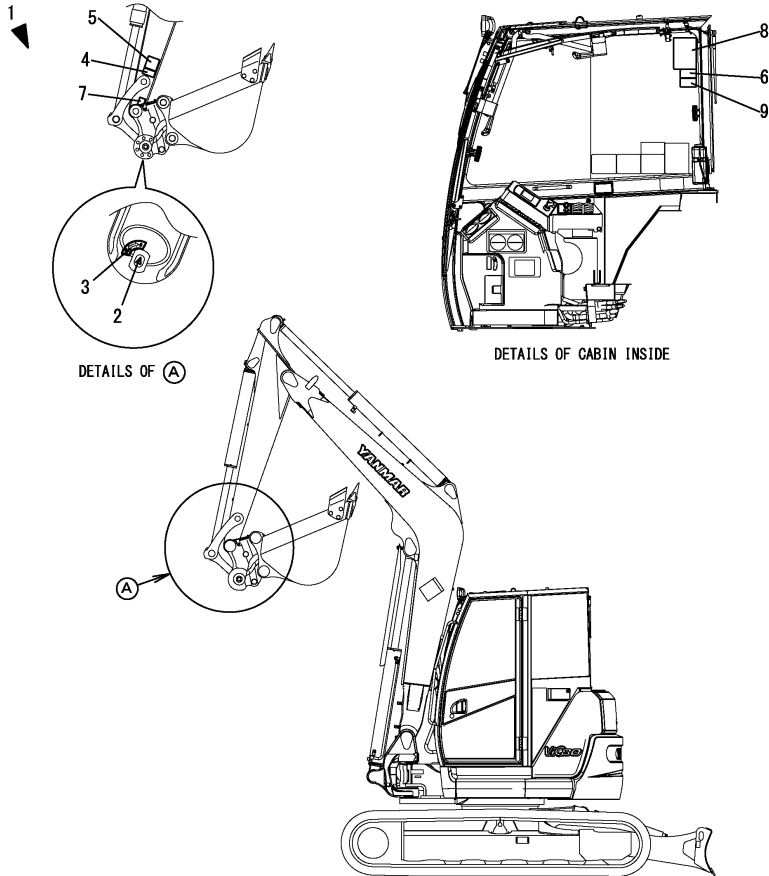
Remarks
 * This figure is applied quick coupler specification made by YANMAR.

Fig.176. (4A)LABEL(QUICK COUPLER)(BR)(PORTUGUESE)(FROM M11457)

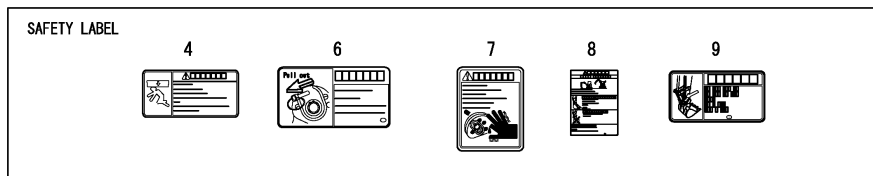
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

1 INC. 2~9.



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B03-09650	LABEL SET,Q BR (D=M11457)				1					W
2	2	172958-03160	LABEL				1					
3	2	172458-03240	LABEL, LOCK				1					
4	2	172B02-04870	LABEL,LOCK PIN PT				1					
5	2	172B02-04900	LABEL,OPERATE PIN PT				1					
6	2	172B02-04910	LABEL,PIN PT				1					
7	2	172B02-04920	LABEL,FINGER PT				1					
8	2	172B02-04930	LABEL,WARNING HITCH				1					
9	2	172B02-04940	LABEL,SAND PT				1					



Remarks

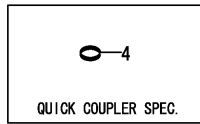
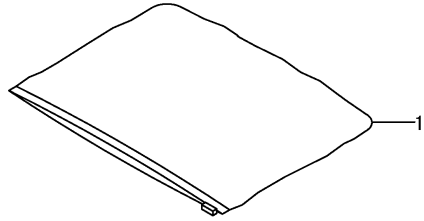
* This figure is applied quick coupler specification made by YANMAR.

Fig.5. ACCESSORY

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-07330	BAG, MANUAL	1	1	1	1				
1-1	1	172958-07330	CASE, MANUAL	1	1	1	1				N
		(A=M11428)	(B=M11428)	(C=M11428)	(D=M11428)						
4	1	1C7100-99650	RING	1	1	1	1				1



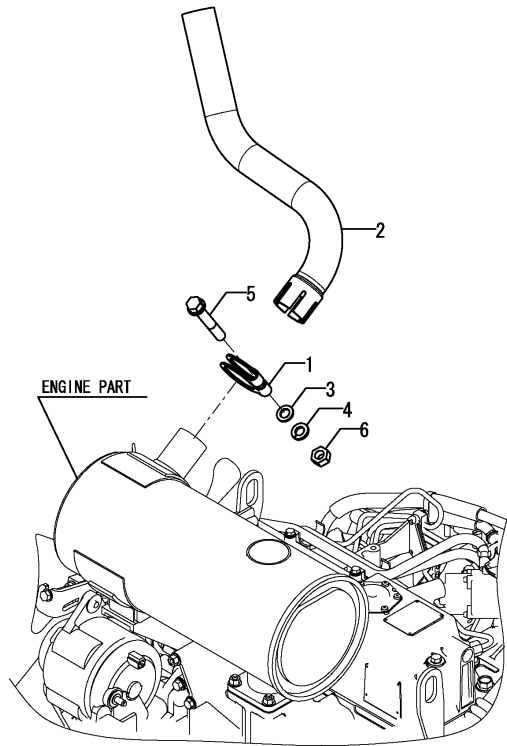
Remarks

(1)This parts is applied quick coupler specification made by YANMAR.

Fig.6. SILENCER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

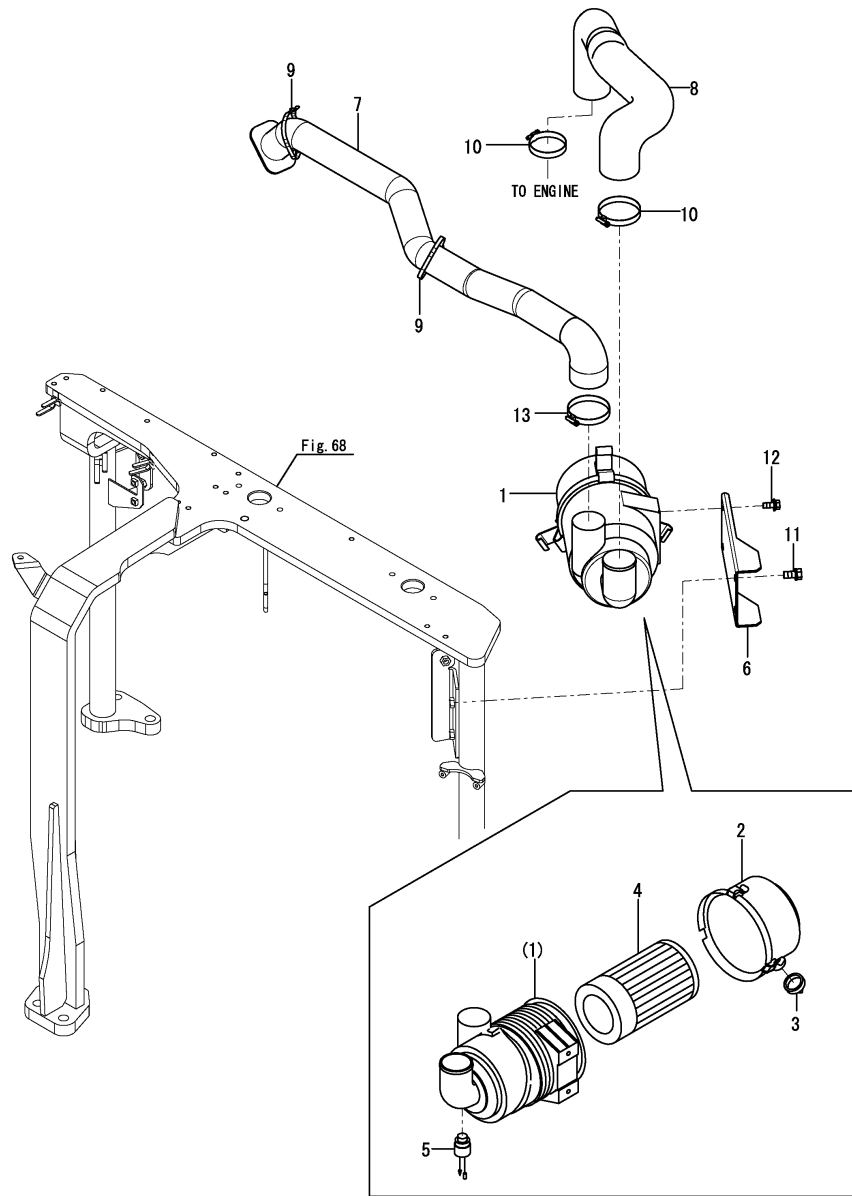


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-11310	CLAMP	1	1	1	1				
2	1	172B11-11330	PIPE,EXHAUST	1	1	1	1				
3	1	22117-100000	WASHER, 10	1	1	1	1				
4	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
5	1	26106-100652	BOLT, M10X 65 PLATED	1	1	1	1				
6	1	26706-100002	NUT, M10	1	1	1	1				

Fig.7. AIR CLEANER(US)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-11500	AIR CLEANER ASSY	1							
2	2	119160-12530	COVER ASSY	1							
3	2	119160-12540	VALVE	1							
4	2	119160-12560	ELEMENT, OUTER	1							
5	2	119140-12680	INDICATOR	1							
6	1	172A69-11530	BRACKET, CLEANER	1							1
6A	1	172125-03951	LABEL, AIR CLEANER	1							2
7	1	172B11-11560	HOSE ASSY, B	1							
8	1	172B11-11600	HOSE, A AIR INTAKE	1							
9	1	172122-79890	CLAMP, HOSE	2							
10	1	23000-080000	CLAMP, 80	2							
11	1	26013-100202	BOLT, M10X 20	2							
12	1	26014-080202	BOLT, M8X 20	2							
13	1	23000-090000	CLAMP, 90	1							

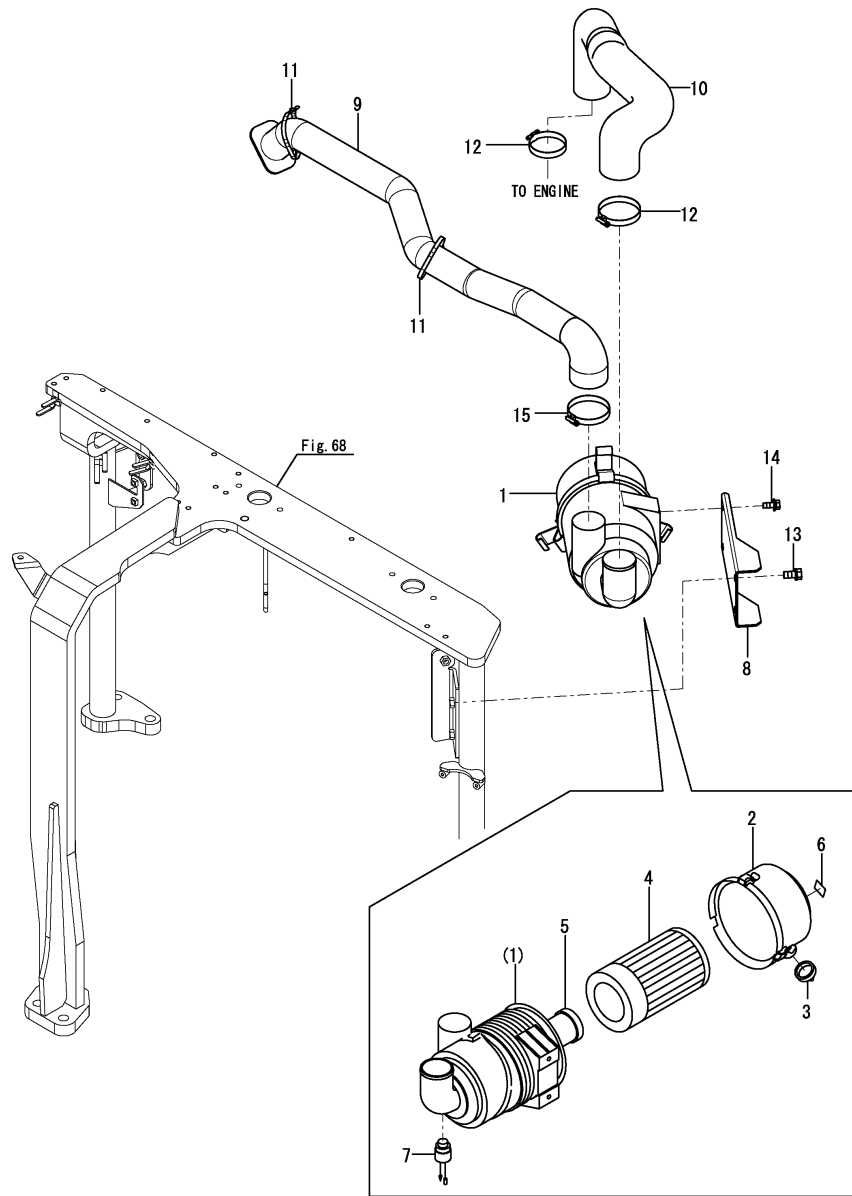
Remarks

- (1) Attach the No.6A label to this part.
- (2) Not illustrated.

Fig.8. AIR CLEANER(AS, NZ)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-11510	AIR CLEANER ASSY	1	1	1					
2	2	119160-12530	COVER ASSY	1	1	1					
3	2	119160-12540	VALVE	1	1	1					
4	2	119160-12560	ELEMENT, OUTER	1	1	1					
5	2	119160-12570	ELEMENT	1	1	1					
6	2	129612-12650	LABEL, MARKING	1	1	1					
7	2	119140-12680	INDICATOR	1	1	1					
8	1	172A69-11530	BRACKET, CLEANER	1	1	1					1
8A	1	172125-03951	LABEL, AIR CLEANER	1	1	1					2
9	1	172B11-11560	HOSE ASSY, B	1	1	1					
10	1	172B11-11600	HOSE, A AIR INTAKE	1	1	1					
11	1	172122-79890	CLAMP, HOSE	2	2	2					
12	1	23000-080000	CLAMP, 80	2	2	2					
13	1	26013-100202	BOLT, M10X 20	2	2	2					
14	1	26014-080202	BOLT, M8X 20	2	2	2					
15	1	23000-090000	CLAMP, 90	1	1	1					

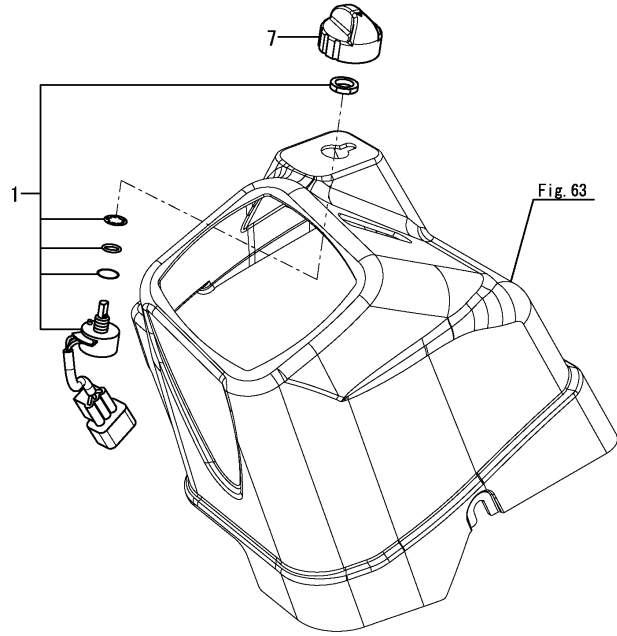
Remarks

- (1) Attach the No.8A label to this part.
- (2) Not illustrated.

Fig.9. ACCELERATOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

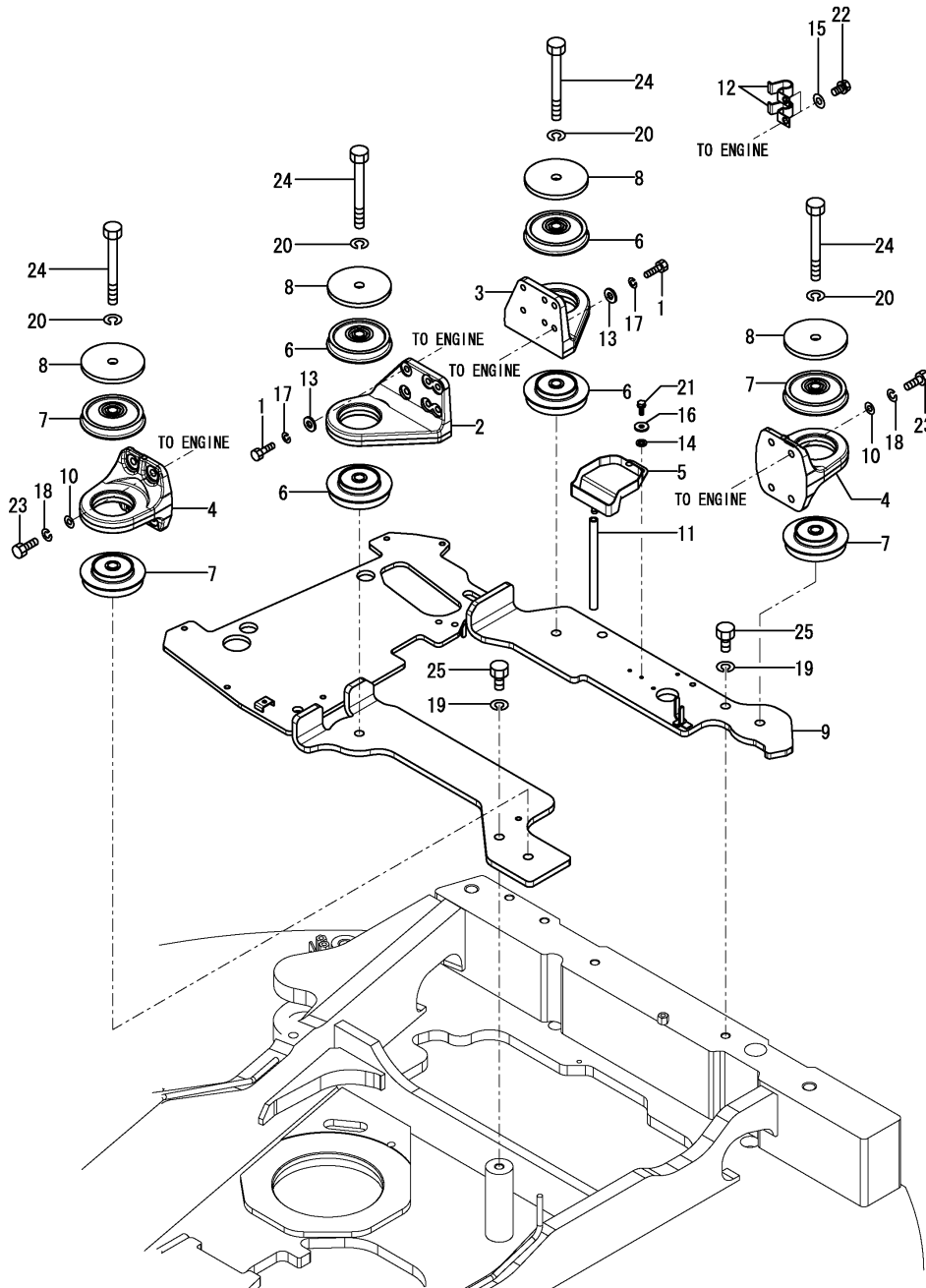


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-12100	VOLUME, ACCEL ASSY	1	1	1	1				
7	1	172A69-12120	KNOB ASSY	1	1	1	1				

Fig.10. ENGINE MOUNT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

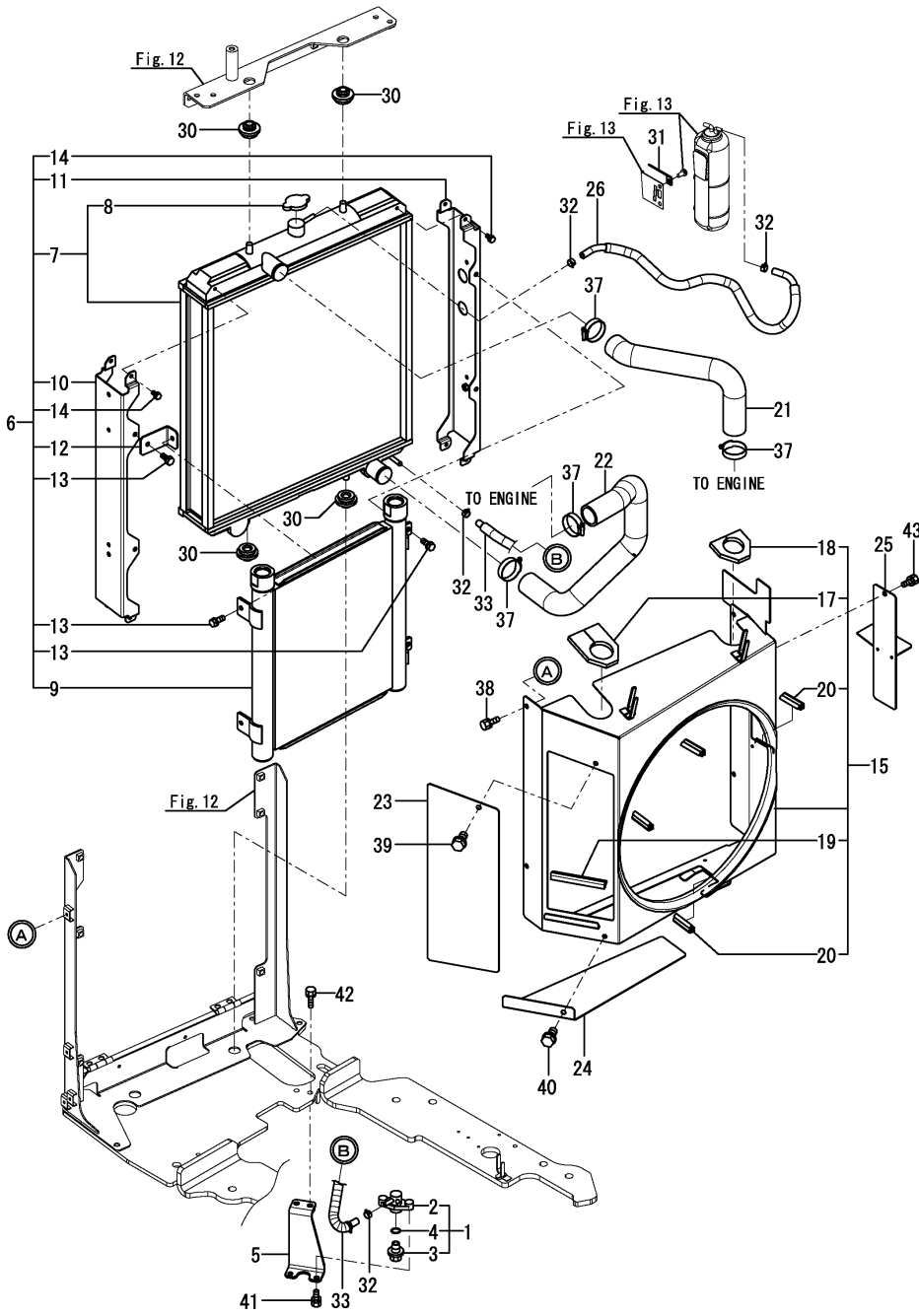


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-13100	BOLT	12	12	12	12				
2	1	172B11-13100	BRACKET, RR	1	1	1	1				
3	1	172B11-13110	BRACKET, RL	1	1	1	1				
4	1	172B11-13120	BRACKET, F	2	2	2	2				
5	1	172A89-13150	SUMP, OIL	1	1	1	1				
6	1	172B11-13150	MOUNT,ENGINE F	4	4	4	4				
7	1	172B11-13160	MOUNT,ENGINE R	4	4	4	4				
8	1	172B11-13170	STOPPER, 17X115X9	4	4	4	4				
9	1	172B11-13200	PLATE ASSY,BASE	1	1	1	1				
10	1	172165-13220	WASHER	8	8	8	8				
11	1	172137-14282	HOSE, FUEL GAUGE	1	1	1	1				
12	1	172112-16650	CLAMP	2	2	2	2				
13	1	172137-46042	SEAT, SPRING	12	12	12	12				
14	1	22117-060000	WASHER, 6	2	2	2	2				
15	1	22137-100000	WASHER, 10	2	2	2	2				Z
		(A=*2014.07)	(B=*2014.07)	(C=*2014.07)	(D=*2014.07)						
16	1	22157-060000	WASHER, 6	2	2	2	2				
17	1	22217-100000	WASHER, SPRING 10	12	12	12	12				
18	1	22217-120000	WASHER, SPRING 12	8	8	8	8				
19	1	22217-160000	WASHER, SPRING 16	4	4	4	4				
20	1	22217-160000	WASHER, SPRING 16	4	4	4	4				
21	1	26013-060162	BOLT, M6X 16	2	2	2	2				
22	1	26013-100162	BOLT, M10X 16	2	2	2	2				
23	1	26076-120302	BOLT, 10.912X 30	8	8	8	8				
24	1	26076-161302	BOLT, 10.916X130	4	4	4	4				
25	1	26116-160352	BOLT, M16X 35 PLATED	4	4	4	4				

Fig.11. RADIATOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

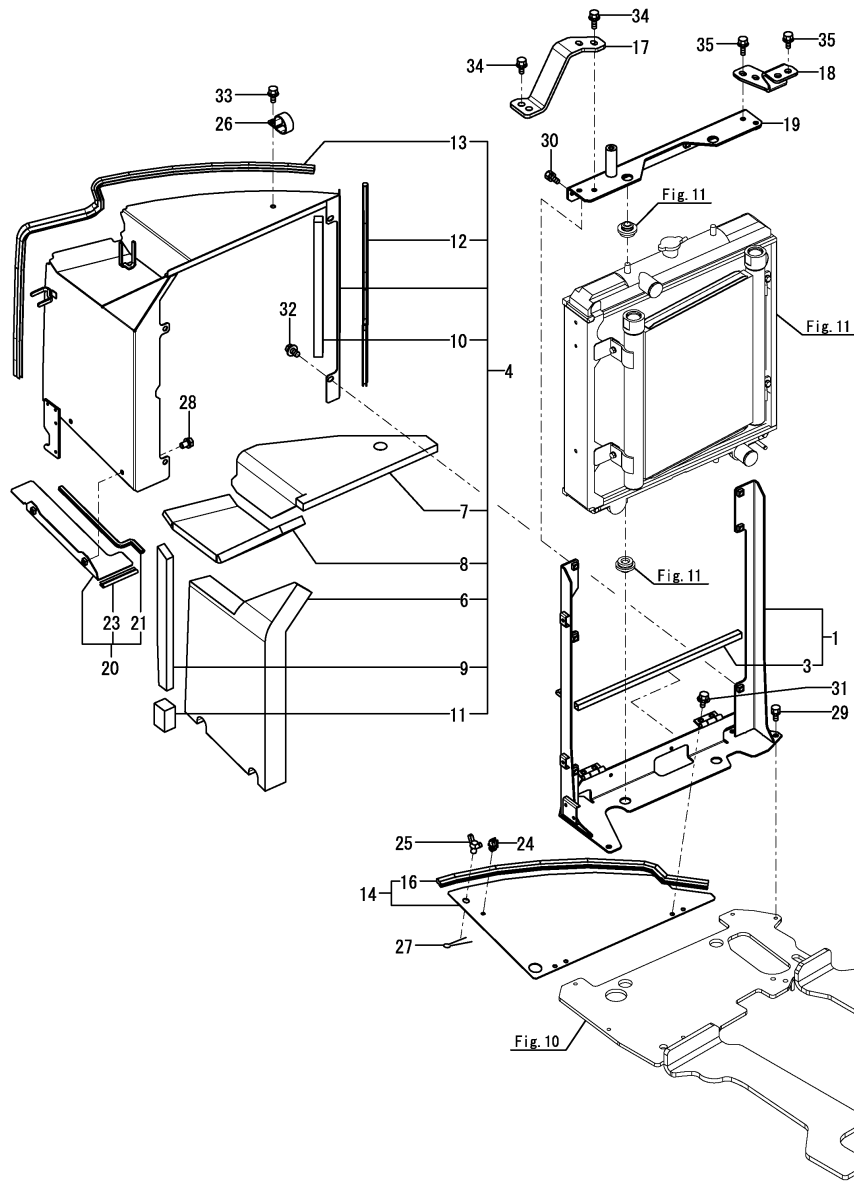


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1	1	1	1				
2	2	172444-13220	BODY	1	1	1	1				
3	2	121250-49121	PLUG, DRAIN	1	1	1	1				
4	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
5	1	172A69-13230	PLATE ASSY, COCK	1	1	1	1				
6	1	172B11-13300	RADIATOR ASSY	1	1	1	1				
7	2	172B11-13310	RADIATOR ASSY, SUB	1	1	1	1				
8	3	129107-44590	CAP, RADIATOR	1	1	1	1				
9	2	172B11-13320	COOLER ASSY, OIL	1	1	1	1				
10	2	172B11-13330	SUPPORT ASSY	1	1	1	1				
11	2	172B11-13340	SUPPORT ASSY	1	1	1	1				
12	2	172B11-13350	BRACKET	2	2	2	2				
13	2	172A89-13360	BOLT M8	6	6	6	6				
14	2	172A89-13370	BOLT M6	8	8	8	8				
15	1	172B11-13500	SHROUD ASSY	1	1	1	1				
17	2	172A89-13550	SPONGE	1	1	1	1				
18	2	172B11-13560	SPONGE, SEAL	1	1	1	1				
19	2	172458-61500	RUBBER, SEAL	1	1	1	1				
20	2	172458-61510	RUBBER, SEAL	2	2	2	2				
21	1	172A89-13570	PIPE, WATER	1	1	1	1				
22	1	172B11-13580	HOSE,CW B	1	1	1	1				
23	1	172A89-13800	COVER, SHROUD	1	1	1	1				
24	1	172A89-13810	COVER, SHROUD	1	1	1	1				
25	1	172A89-13820	COVER ASSY, SHROUD	1	1	1	1				
26	1	172A46-14610	FO HOSE ASSY,520	1	1	1	1				
30	1	184015-44680	ABSORBER, SHOCK	4	4	4	4				
31	1	1A1686-57850	CLAMP, 80	1	1	1	1				
32	1	124766-59050	CLIP, HOSE 11.5	4	4	4	4				
33	1	184014-59450	PIPE ASSY, FUEL	1	1	1	1				
37	1	23001-048000	CLAMP, HOSE 48	4	4	4	4				
38	1	26013-080162	BOLT, M8X 16	4	4	4	4				
39	1	26013-080162	BOLT, M8X 16	1	1	1	1				
40	1	26013-080162	BOLT, M8X 16	1	1	1	1				
41	1	26013-080162	BOLT, M8X 16	2	2	2	2				
42	1	26013-100302	BOLT, M10X 30	2	2	2	2				
43	1	26014-080162	BOLT, M8X 16	1	1	1	1				

Fig.12. RADIATOR MOUNT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-13400	BRACKET ASSY,RAD	1	1	1	1				
3	2	172499-13750	SEAL, DUCT	1	1	1	1				
4	1	172B11-13600	DUCT ASSY, RADIATOR	1	1	1	1				
6	2	172B11-13700	SPONGE, A DUCT	1	1	1	1				
7	2	172B11-13710	SPONGE, B DUCT	1	1	1	1				
8	2	172B11-13720	SPONGE, C DUCT	1	1	1	1				
9	2	172B11-13730	SPONGE, D DUCT	1	1	1	1				
10	2	172B11-13740	SPONGE, E DUCT	1	1	1	1				
11	2	172B11-13790	SPONGE, F DUCT	1	1	1	1				
12	2	172A64-64940	SEAL, 560	1	1	1	1				
13	2	172A64-65160	SEAL, 1170	1	1	1	1				
14	1	172B11-13750	COVER ASSY, DUCT	1	1	1	1				1
16	2	172A89-65850	RUBBER, SEAL 670	1	1	1	1				
16A	1	172A69-03350	LABEL,BATTERY COVER	1	1	1	1				3
16B	1	172437-03361	LABEL, BATTERY	1	1	1	1				3
17	1	172B11-13830	STAY,A RAD	1	1	1	1				
18	1	172B11-13840	STAY,B RAD	1	1	1	1				
19	1	172B11-13860	BRACKET ASSY,RAD U	1	1	1	1				2
19A	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				3
20	1	172B11-13930	SUPPORT ASSY, DUCT	1	1	1	1				
21	2	172638-06710	RUBBER, CUSHION 300	1	1	1	1				
23	2	172164-66800	RUBBER, SEAL 60	1	1	1	1				
24	1	1A7400-61250	HOLDER, ROD 8	1	1	1	1				
25	1	172142-62301	BOLT, WING	1	1	1	1				
26	1	172146-78150	PLATE, CLAMP	1	1	1	1				
27	1	22417-320200	PIN, COTTER 3.2X20	1	1	1	1				
28	1	26013-080122	BOLT, M8X 12	2	2	2	2				
29	1	26013-100202	BOLT, M10X 20	4	4	4	4				
30	1	26013-100202	BOLT, M10X 20	2	2	2	2				
31	1	26014-080162	BOLT, M8X 16	4	4	4	4				
32	1	26014-100202	BOLT, M10X 20	4	4	4	4				
33	1	26014-100202	BOLT, M10X 20	1	1	1	1				
34	1	26014-100252	BOLT, M10X 25	4	4	4	4				
35	1	26014-100252	BOLT, M10X 25	4	4	4	4				

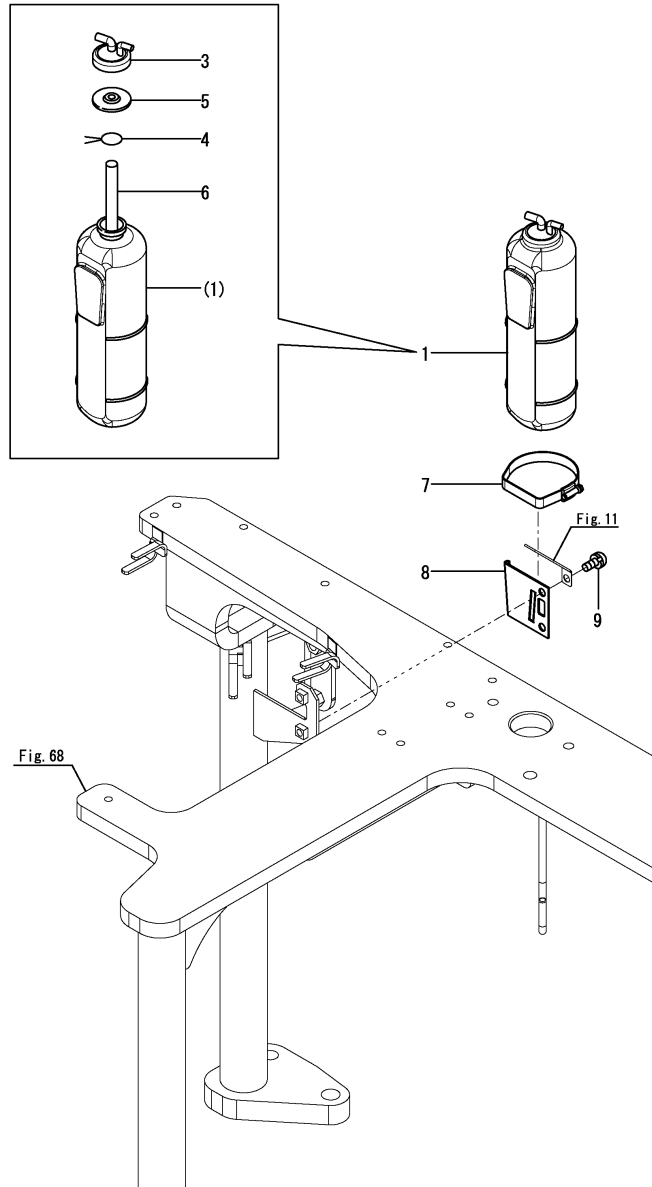
Remarks

- (1)Attach the No.16A & 16B label to this part.
- (2)Attach the No.19A label to this part.
- (3)Not illustrated.

Fig.13. RADIATOR & SUB TANK

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

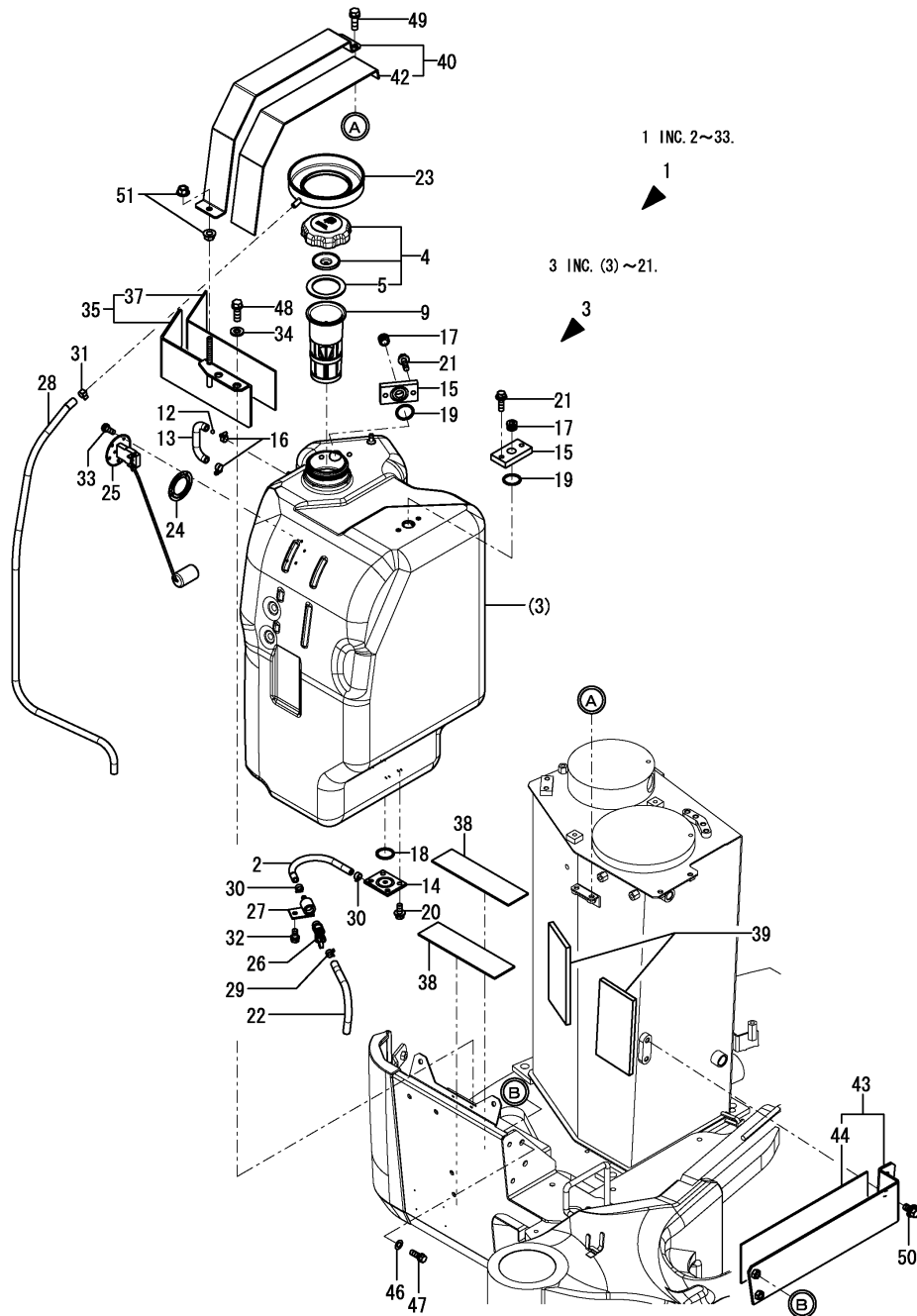
(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171064-44510	TANK ASSY, SUB	1	1	1	1				1
3	2	121450-44531	CAP	1	1	1	1				
4	2	124450-44560	RETAINER	1	1	1	1				
5	2	121470-44581	GASKET	1	1	1	1				
6	2	23065-070225	HOSE 7X 225	1	1	1	1				
6A	1	172A38-03201	LABEL, SUB TANK	1	1	1	1				2
7	1	124450-44550	BAND	1	1	1	1				
8	1	121256-44600-3	BRACKET	1	1	1	1				
9	1	26022-080162	SCREW, M8X16	2	2	2	2				

Remarks
 (1)Attach the No.6A label to this part.
 (2)Not illustrated.

Fig.14. FUEL TANK



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

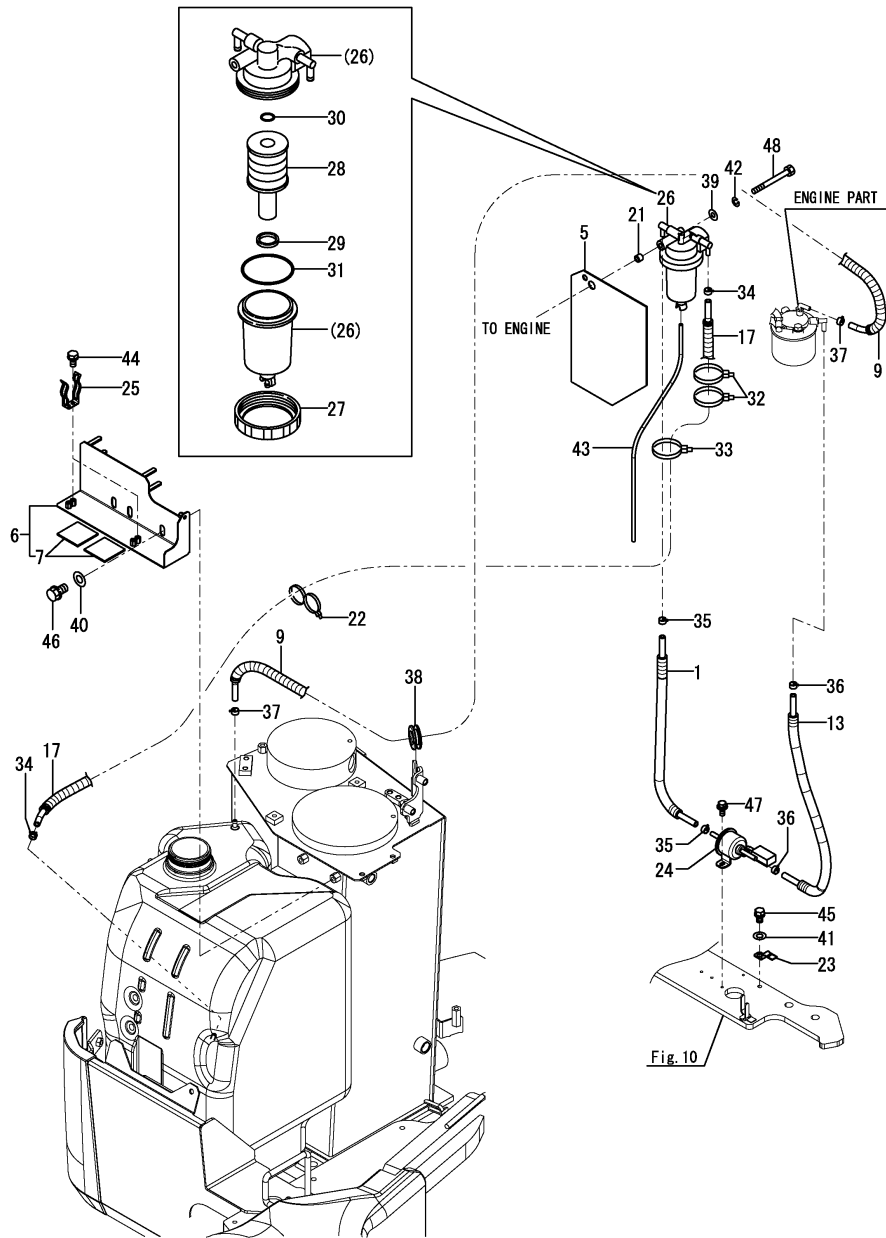
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A69-14100	TANK ASSY, FUEL	1	1	1	1				
2	2	172137-13400	PIPE, DRAIN A	1	1	1	1				
2-1	2	172B11-14600	HOSE, FO 210	1	1	1	1				N
		(A=*2020.04)	(B=*2020.04)	(C=*2020.04)	(D=*2020.04)						
3	2	172A69-14110	TANK ASSY, FUEL	1	1	1	1				
4	3	198200-04031	CAP ASSY, FUEL	1	1	1	1				
5	4	198200-04040	GASKET, FUEL CAP	1	1	1	1				
9	3	172A69-14130	NET ASSY, FUEL	1	1	1	1				
12	3	172447-14160	FLOAT, 7	1	1	1	1				
13	3	172458-14203	HOSE, FUEL GAUGE	1	1	1	1				
14	3	172A69-14211	LOCK ASSY, DRAIN	1	1	1	1				
15	3	172A69-14240	PLATE, R1/2	2	2	2	2				
16	3	23000-013000	CLAMP, 13	2	2	2	2				
17	3	23876-040000	PLUG, R04	2	2	2	2				
18	3	24311-000320	O-RING, 1AP32.0	1	1	1	1				
18-1	3	172A69-14550	PACKING	1	1	1	1				N
		(A=*2016.01.)	(B=*2016.01.)	(C=*2016.01.)	(D=*2016.01.)						
19	3	24311-000320	O-RING, 1AP32.0	2	2	2	2				
20	3	26013-080202	BOLT, M8X 20	4	4	4	4				
21	3	26013-080302	BOLT, M8X 30	4	4	4	4				
22	2	172186-14150	HOSE, FUEL GAUGE	1	1	1	1				
23	2	172A69-14170	SUMP, FUEL	1	1	1	1				
24	2	172162-14200	GASKET	1	1	1	1				
25	2	172A78-14220	GAUGE, FUEL	1	1	1	1				
26	2	172A69-14230	VALVE, FUEL DRAIN	1	1	1	1				
27	2	172444-14270	JOINT, DRAIN	1	1	1	1				
28	2	172187-14510	HOSE, 9.5X1050	1	1	1	1				
29	2	106990-44660	CLAMP, HOSE 12.5	1	1	1	1				
30	2	124766-59050	CLAMP, HOSE 11.5	2	2	2	2				
30-1	2	106990-44660	CLAMP, HOSE 12.5	2	2	2	2				N
		(A=*2020.04)	(B=*2020.04)	(C=*2020.04)	(D=*2020.04)						
31	2	23080-013000	CLAMP, 13	1	1	1	1				
32	2	26013-080162	BOLT, M8X 16	1	1	1	1				
33	2	26022-050122	SCREW, M5X12	5	5	5	5				
34	1	194145-04810	WASHER, 10	2	2	2	2				
35	1	172A69-14310	BRACKET ASSY, F	1	1	1	1				
37	2	172A69-14350	PLATE, RUBBER A	1	1	1	1				
38	1	172A69-14370	PLATE, RUBBER D	2	2	2	2				
39	1	172A89-14380	SPONGE, RUBBER	2	2	2	2				
40	1	172A69-14410	BRACKET ASSY, UP	1	1	1	1				
42	2	172A69-14430	PLATE, RUBBER B	1	1	1	1				
43	1	172A69-14450	BRACKET ASSY, L	1	1	1	1				
44	2	172A69-14350	PLATE, RUBBER A	1	1	1	1				
46	1	22137-100000	WASHER, 10	2	2	2	2				
47	1	26013-100302	BOLT, M10X 30	2	2	2	2				
48	1	26013-100302	BOLT, M10X 30	2	2	2	2				
49	1	26013-100302	BOLT, M10X 30	2	2	2	2				
50	1	26014-100202	BOLT, M10X 20	2	2	2	2				
51	1	26367-100002	NUT, M10	2	2	2	2				

Fig.15. FUEL PIPING

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



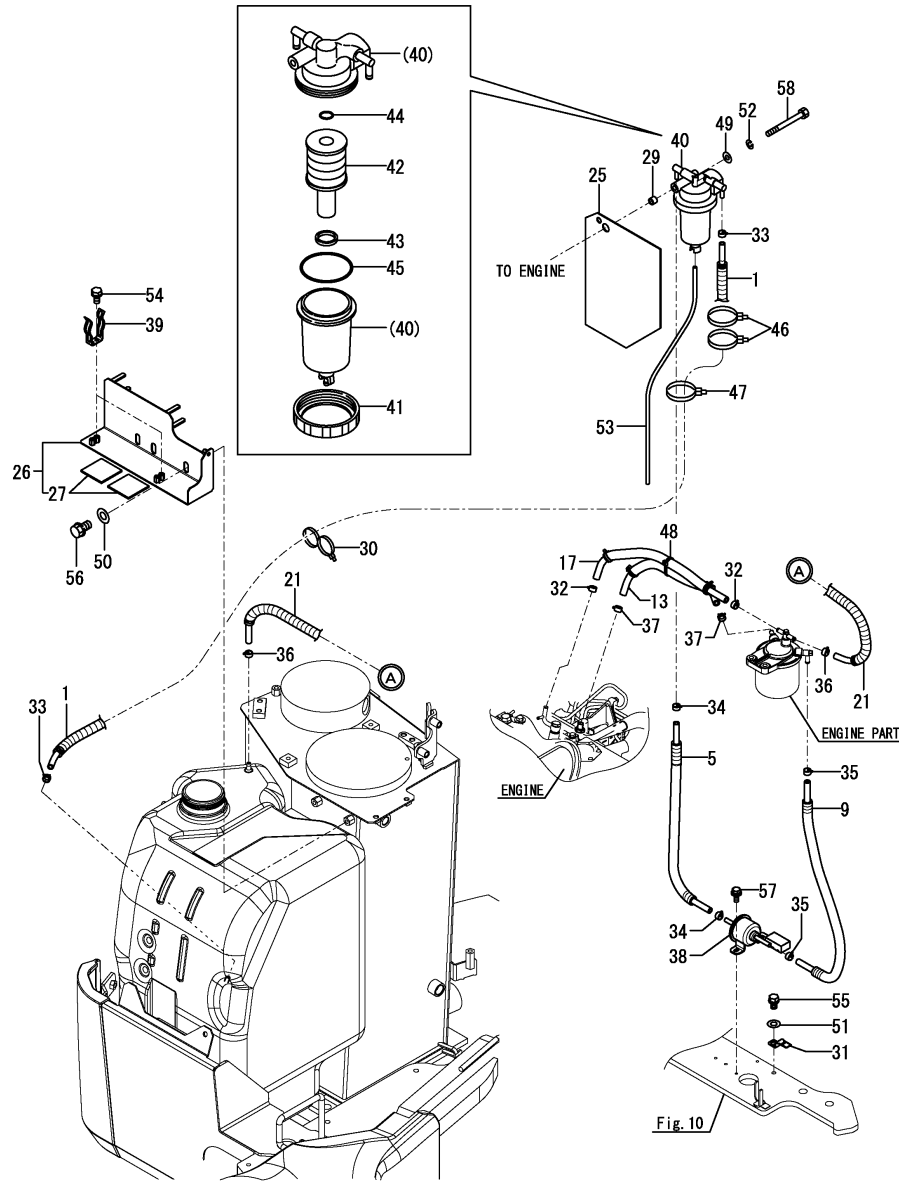
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-13810	HOSE ASSY	1	1	1	1				
5	1	172A69-14290	RUBBER PLATE	1	1	1	1				
6	1	172B11-14510	BRACKET ASSY, GREASE	1	1	1	1				
7	2	172446-14250	PLATE, RUBBER	2	2	2	2				
9	1	172A89-14610	HOSE ASSY(2080)	1	1	1	1				
13	1	172A89-14630	HOSE ASSY,550	1	1	1	1				
17	1	172A69-14640	HOSE ASSY	1	1	1	1				
21	1	194630-15520	COLLAR, 9.2X13.8X11	1	1	1	1				
22	1	172137-16560	BAND	1	1	1	1				
23	1	172460-16700	STAY	1	1	1	1				
24	1	129612-52100	PUMP ASSY, FUEL FEED	1	1	1	1				
25	1	172122-55061	BRACKET, PUMP	2	2	2	2				
26	1	184016-55701	SEPARATOR ASSY	1	1	1	1				
27	2	129100-55690	RING, RETAINING	1	1	1	1				
28	2	119802-55710	ELEMENT	1	1	1	1				
29	2	184016-55710	FLOAT	1	1	1	1				
30	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
31	2	24321-000650	O-RING, 1AG65.0	1	1	1	1				
32	1	194202-56460	BAND, 200	2	2	2	2				
33	1	194202-56460	BAND, 200	1	1	1	1				
34	1	124766-59050	CLIP, HOSE 11.5	2	2	2	2				
35	1	124766-59050	CLIP, HOSE 11.5	2	2	2	2				
36	1	124766-59050	CLIP, HOSE 11.5	2	2	2	2				
37	1	124766-59050	CLIP, HOSE 11.5	2	2	2	2				
38	1	172422-78760	GROMMET	1	1	1	1				Z 1
		(A=*2013.10) (B=*2013.10) (C=*2013.10) (D=*2013.10)									
39	1	22137-080000	WASHER, 8	1	1	1	1				
40	1	22137-100000	WASHER, 10	2	2	2	2				
41	1	22137-100000	WASHER, 10	1	1	1	1				
42	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
43	1	23061-050500	PIPE, 5X 500	1	1	1	1				
44	1	26013-060122	BOLT, M6X 12	4	4	4	4				
45	1	26013-100162	BOLT, M10X 16	1	1	1	1				
46	1	26013-100162	BOLT, M10X 16	2	2	2	2				
47	1	26014-060162	BOLT, M6X 16	2	2	2	2				
48	1	26116-080802	BOLT, M8X 80 PLATED	1	1	1	1				

Remarks
 (1) Refer to Fig.124.

Fig.206. (15A)FUEL PIPING(BIOFUEL SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



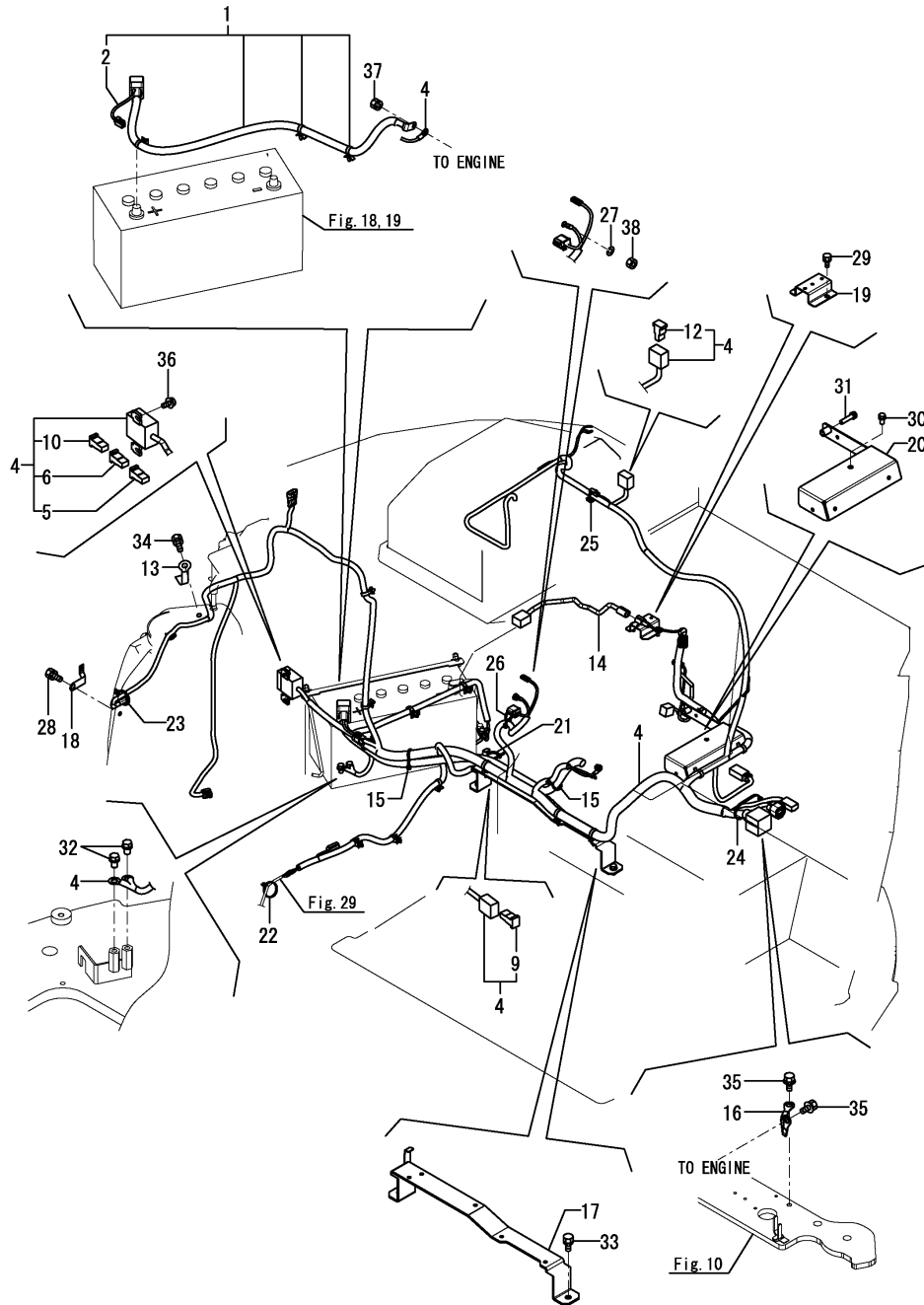
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-14110	HOSE ASSY, 2400							1	
5	1	172B11-14140	HOSE ASSY, 500							1	
9	1	172B11-14170	HOSE ASSY, 550							1	
13	1	172B11-14200	HOSE ASSY, 270							1	
17	1	172B11-14230	HOSE ASSY, 350							1	
21	1	172B11-14260	HOSE ASSY, 2080							1	
25	1	172A69-14290	PLATE, RUBBER							1	
26	1	172B11-14510	BRACKET ASSY, GUN							1	
27	2	172446-14250	PLATE, RUBBER C							2	
29	1	194630-15520	COLLAR, 9.2X13.8X11							1	
30	1	172137-16560	BAND, BINDING W							1	
31	1	172460-16700	STAY, A							1	
32	1	106990-44660	CLAMP, HOSE 12.5							2	
33	1	106990-44660	CLAMP, HOSE 12.5							2	
34	1	106990-44660	CLAMP, HOSE 12.5							2	
35	1	106990-44660	CLAMP, HOSE 12.5							2	
36	1	106990-44660	CLAMP, HOSE 12.5							2	
37	1	106990-44660	CLAMP, HOSE 12.5							2	
38	1	129612-52100	PUMP, FUEL FEED							1	
39	1	172122-55061	PLATE, GREASE PUMP							2	
40	1	129530-55700	SEPARATOR ASSY,WATER							1	
41	2	129100-55690	NUT, RETAINING							1	
42	2	119802-55710	ELEMENT, FUEL							1	
43	2	184016-55710	FLOAT							1	
44	2	24316-000160	O-RING, 4DP16.0							1	
45	2	24326-000650	O-RING, 4DG65.0							1	
46	1	194202-56460	BAND, BINDING 200							1	
47	1	194202-56460	BAND, BINDING 200							2	
48	1	194202-56460	BAND, BINDING 200							1	
49	1	22137-080000	WASHER, 8							1	
50	1	22137-100000	WASHER, 10							2	
51	1	22137-100000	WASHER, 10							1	
52	1	22217-080000	WASHER, SPRING 8							1	
53	1	23061-050500	PIPE, 5X 500							1	
54	1	26013-060122	BOLT, M6X 12							4	
55	1	26013-100162	BOLT, M10X 16							1	
56	1	26013-100162	BOLT, M10X 16							2	
57	1	26014-060162	BOLT, M6X 16							2	
58	1	26116-080802	BOLT, M8X 80 PLATED							1	

Remarks
 (1)Refer to Fig.124.

Fig.16. ELECTRIC PARTS(ENGINE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

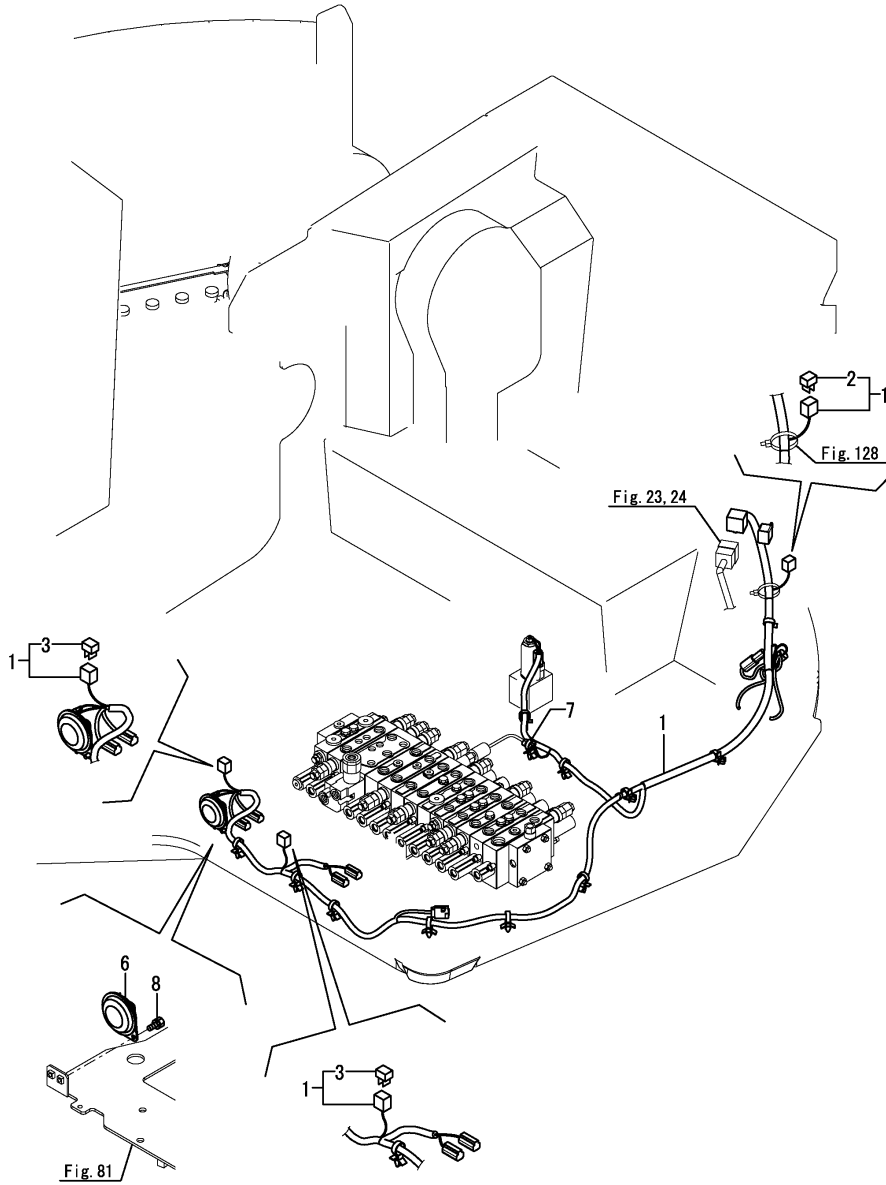


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16100	CABLE ASSY,BATTERY +	1	1	1	1				
2	2	172B11-16120	HARNESS,BATTERY	1	1	1	1				
4	1	172B11-16450	HARNESS ASSY, A T3	1	1	1	1				
5	2	1C6900-06180	FUSE, SLOW BLOW 80A	1	1	1	1				
6	2	172A65-16550	FUSE, SLOWBLOW	1	1	1	1				
9	2	1A7810-51750	FUSE, SLOW BLOW 120A	1	1	1	1				
10	2	1E8940-83450	FUSE, SLOW BLOW 100A	1	1	1	1				
12	2	1E8235-84910	DIODE, 090 3A	1	1	1	1				
13	1	172126-16540	CLAMP	1	1	1	1				
14	1	172A65-16540	HARNESS C	1	1	1	1				
15	1	172137-16560	BAND	2	2	2	2				
16	1	172187-16600	CORD, ENGINE EARTH	1	1	1	1				
17	1	172B11-16650	SUPPORT ASSY,B	1	1	1	1				
18	1	172A69-16700	BRACKET	1	1	1	1				
19	1	172A89-16770	CLAMP, HARNESS	1	1	1	1				
20	1	172B11-16820	SUPPORT ASSY,HARNESS	1	1	1	1				
21	1	194202-56460	BAND, 200	1	1	1	1				
22	1	194202-56460	BAND, 200	1	1	1	1				
23	1	194202-56460	BAND, 200	1	1	1	1				
24	1	194202-56460	BAND, 200	1	1	1	1				
25	1	194202-56460	BAND, 200	1	1	1	1				
26	1	194202-56460	BAND, 200	1	1	1	1				
27	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
28	1	26013-080162	BOLT, M8X 16	1	1	1	1				
29	1	26013-080162	BOLT, M8X 16	2	2	2	2				
30	1	26013-080162	BOLT, M8X 16	1	1	1	1				
31	1	26013-080352	BOLT, M8X 35	1	1	1	1				
32	1	26013-100162	BOLT, M10X 16	3	3	3	3				
33	1	26013-100202	BOLT, M10X 20	2	2	2	2				
34	1	26014-080162	BOLT, M8X 16	1	1	1	1				
35	1	26014-100162	BOLT, M10X 16	2	2	2	2				
36	1	26023-060122	SCREW, M6X12	2	2	2	2				
37	1	26051-080002	NUT, M8	1	1	1	1				
38	1	26716-080002	NUT, M8	1	1	1	1				

Fig.17. ELECTRIC PARTS(CONTROL VALVE PLATE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

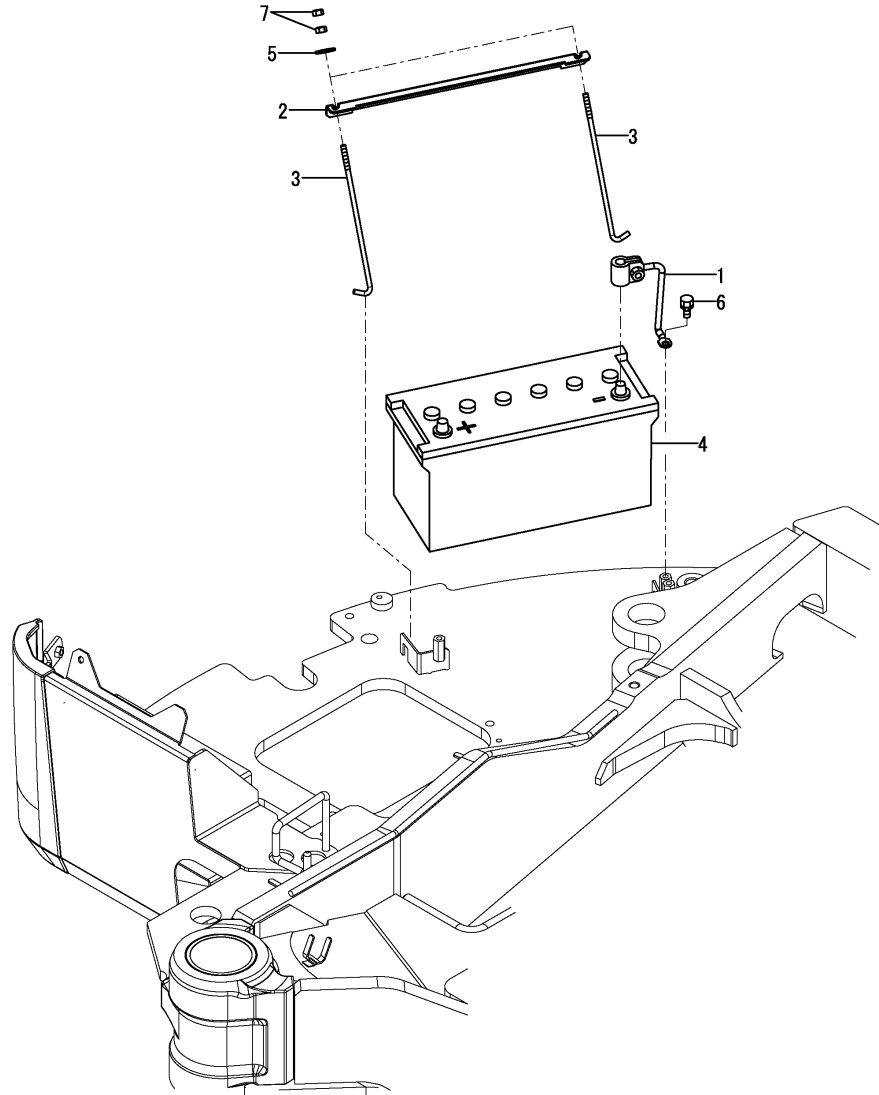


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16620	HARNESS ASSY, D	1	1	1	1				
2	2	172649-16560	DIODE, 1.5-3PA	1	1	1	1				
3	2	1E8465-83170	DIODE, 090 1.5A	2	2	2	2				
6	1	194151-57100	HORN	1	1	1	1				
7	1	1E8775-84120	CLAMP, BAND	1	1	1	1				
8	1	26013-060122	BOLT, M6X 12	2	2	2	2				

Fig.18. ELECTRIC PARTS(BATTERY)(US)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

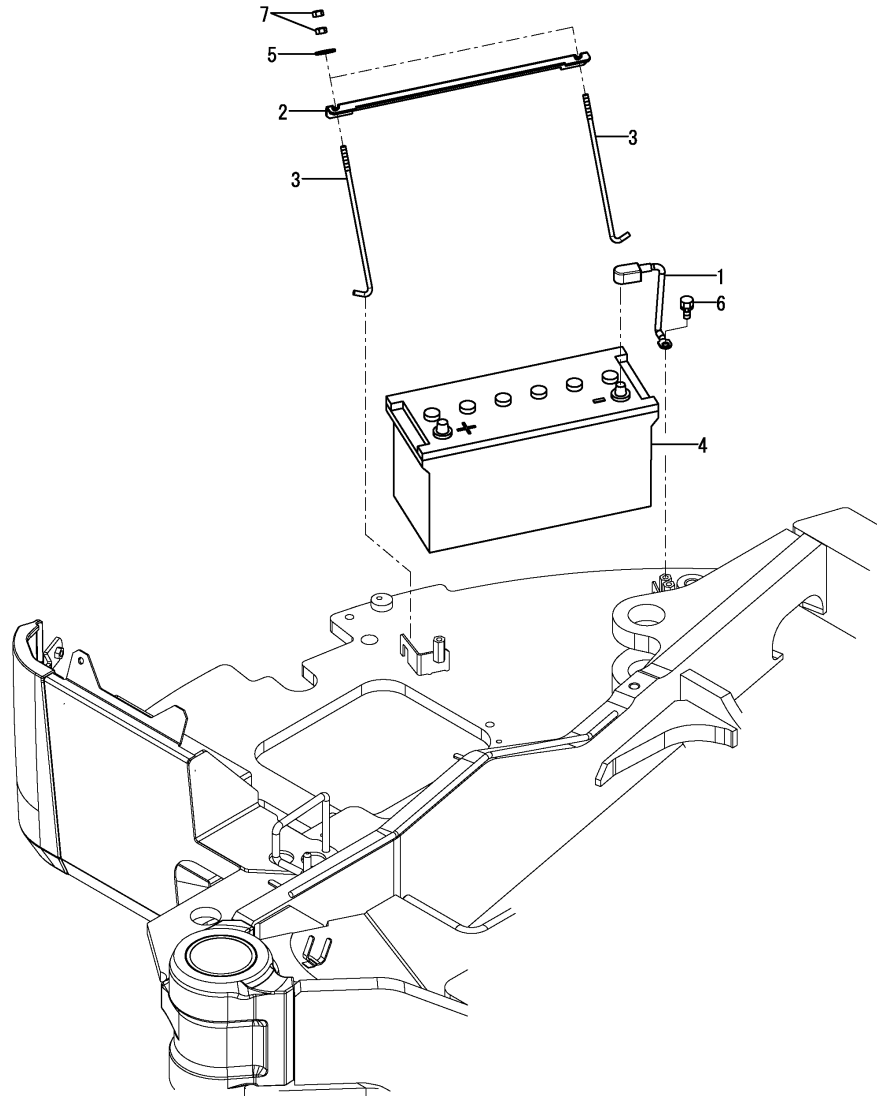


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-16110	CORD, BATTERY	1							
2	1	172112-16201	RETAINER, BATTERY	1							
3	1	172164-16370	ROD	2							
4	1	1E8080-83321	BATTERY, 130E41R	1							
5	1	22157-080000	WASHER, 8	2							
6	1	26013-100162	BOLT, M10X 16	1							
7	1	26716-080002	NUT, M8	4							

Fig.19. ELECTRIC PARTS(BATTERY)(AS, NZ)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

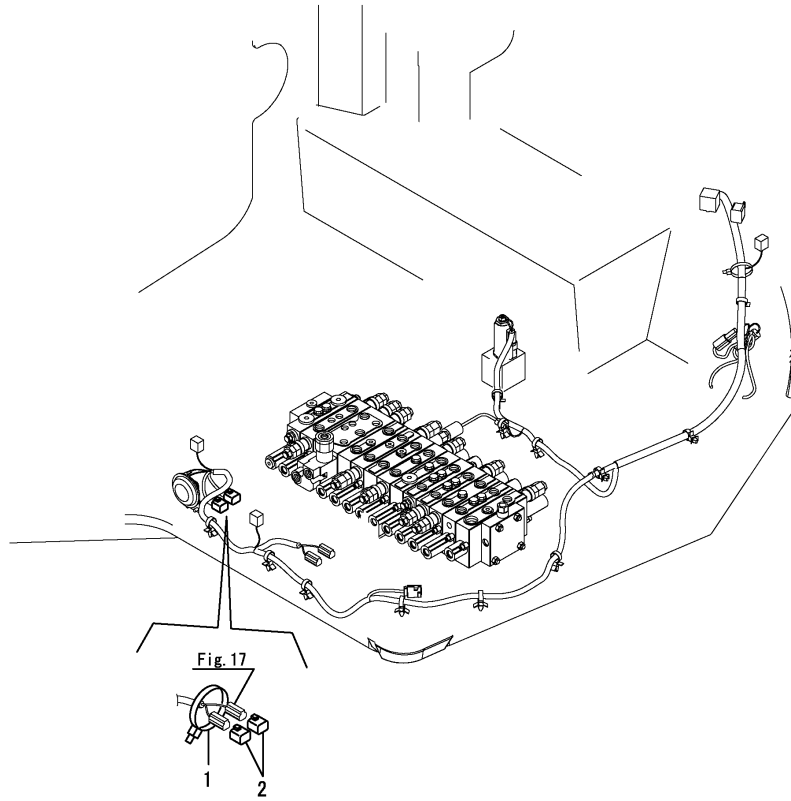


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-16120	CABLE, BATTERY		1	1					
2	1	172112-16201	RETAINER, BATTERY		1	1					
3	1	172164-16370	ROD		2	2					
4	1	1E8080-83321	BATTERY, 130E41R		1	1					
5	1	22157-080000	WASHER, 8		2	2					
6	1	26013-100162	BOLT, M10X 16		1	1					
7	1	26716-080002	NUT, M8		4	4					

Fig.20. ELECTRIC PARTS(DUMMY CONNECTOR)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (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	1				
2	1	172A69-16480	CONNECTOR,DUMMY	2	2	2	2				

Fig.21. ELECTRIC PARTS(COUPLER)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16840	COUPLER, SWP 12F	1	1	1	1				
2	1	172B11-16850	COUPLER, SWP 8F	1	1	1	1				
3	1	172B11-16800	COUPLER,DT04-12PA	1	1	1	1				
4	1	172B11-16810	COUPLER,282105-1	1	1	1	1				

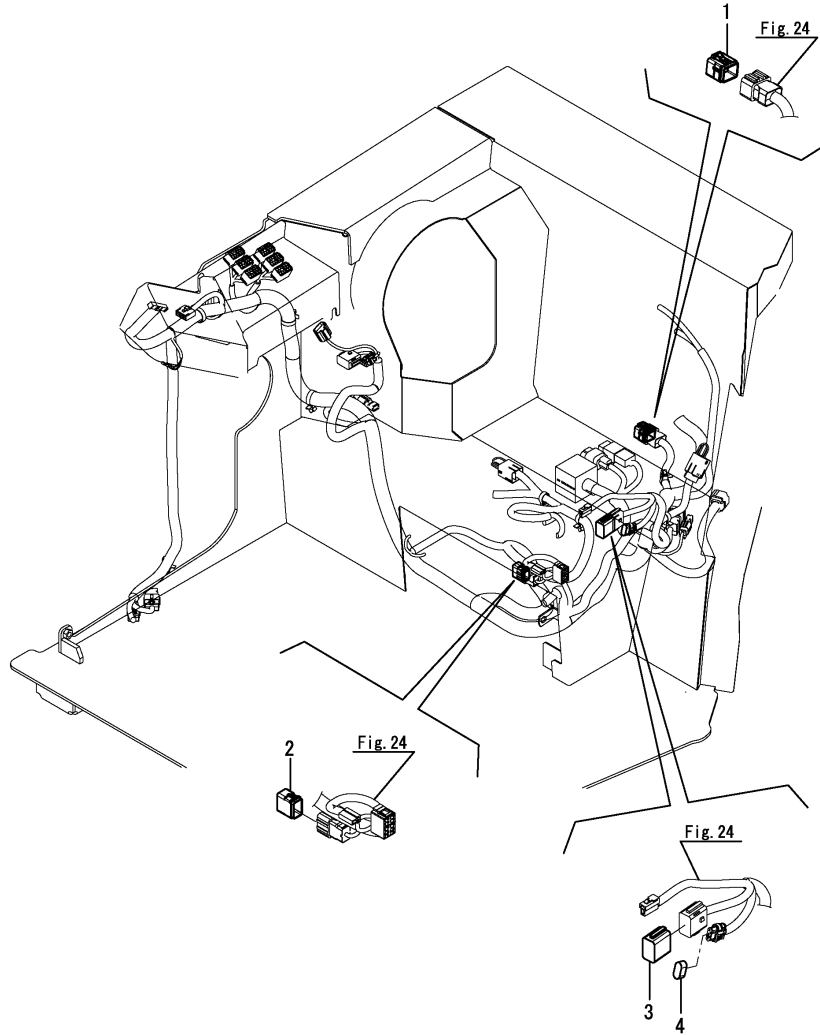
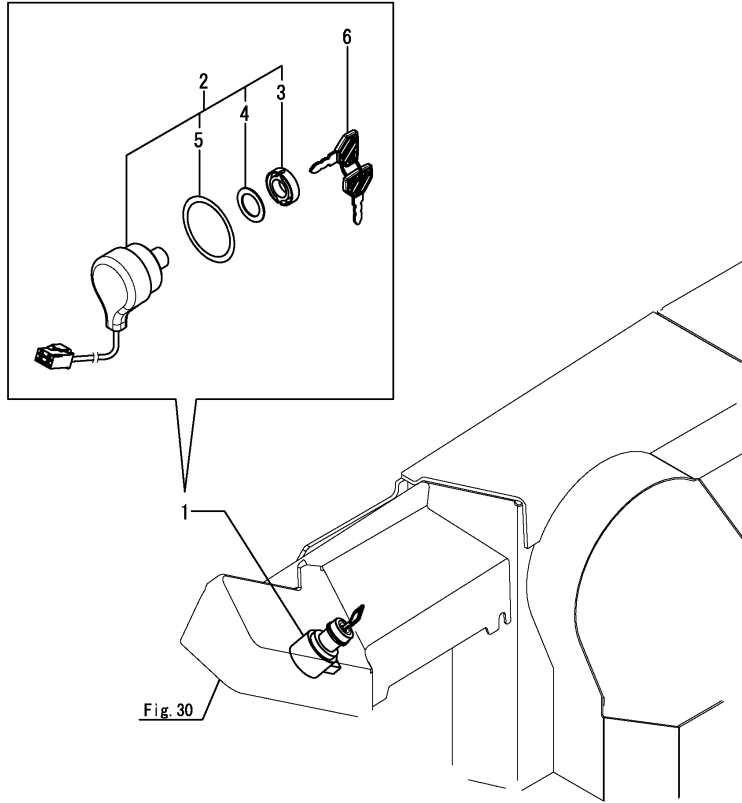


Fig.22. ELECTRIC PARTS(STARTING SWITCH)

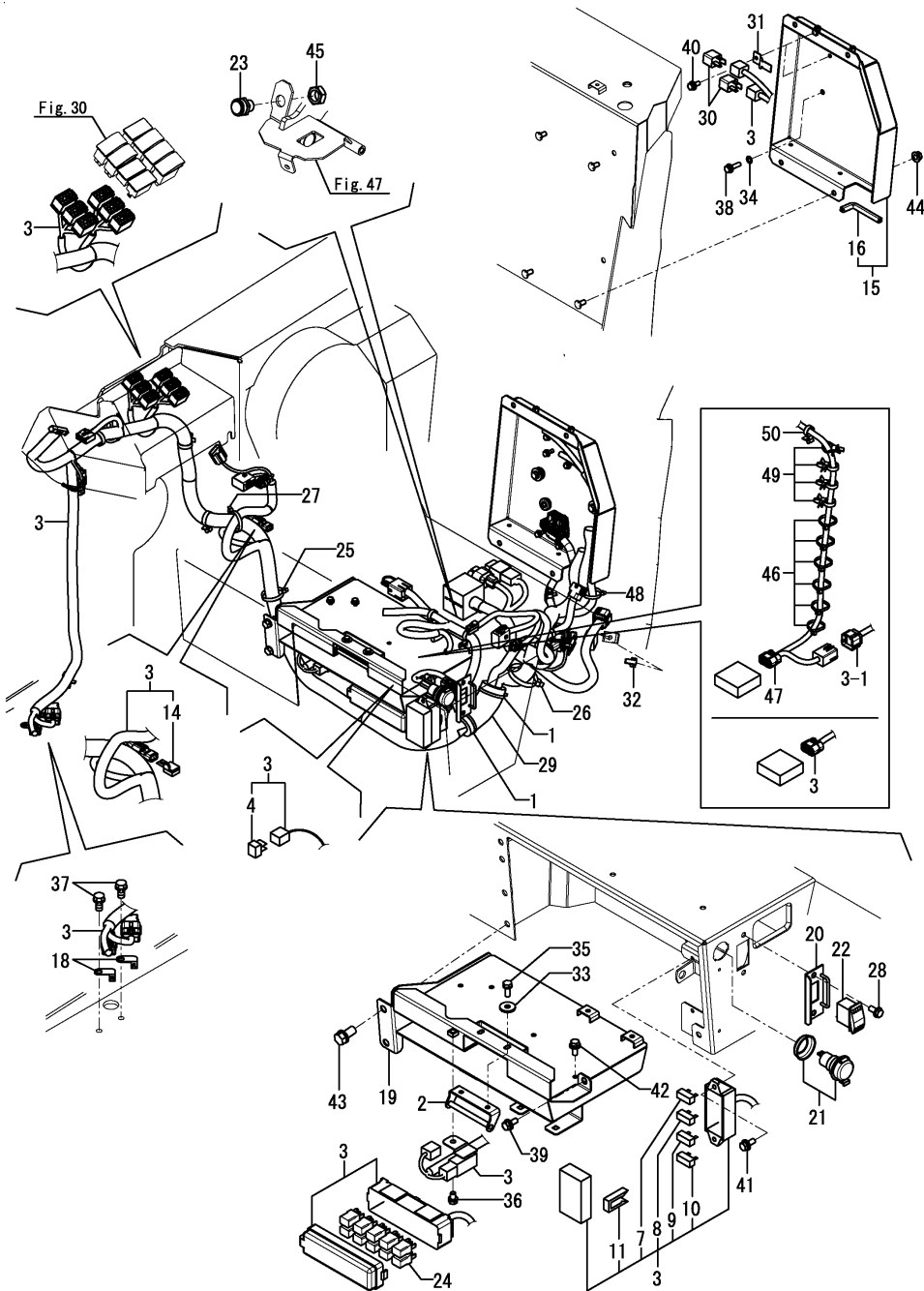
(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-17100	SWITCH ASSY, STARTER	1	1	1	1				
2	2	172B11-17110	CYLINDER ASSY, KEY	1	1	1	1				
3	3	172B11-17120	NUT, RING	1	1	1	1				
4	3	172B11-17130	WASHER	1	1	1	1				
5	3	172B11-17140	O-RING	1	1	1	1				
6	2	198360-52160	KEY ASSY	1	1	1	1				

Fig.23. SEAT MOUNT(GPS SPEC.)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

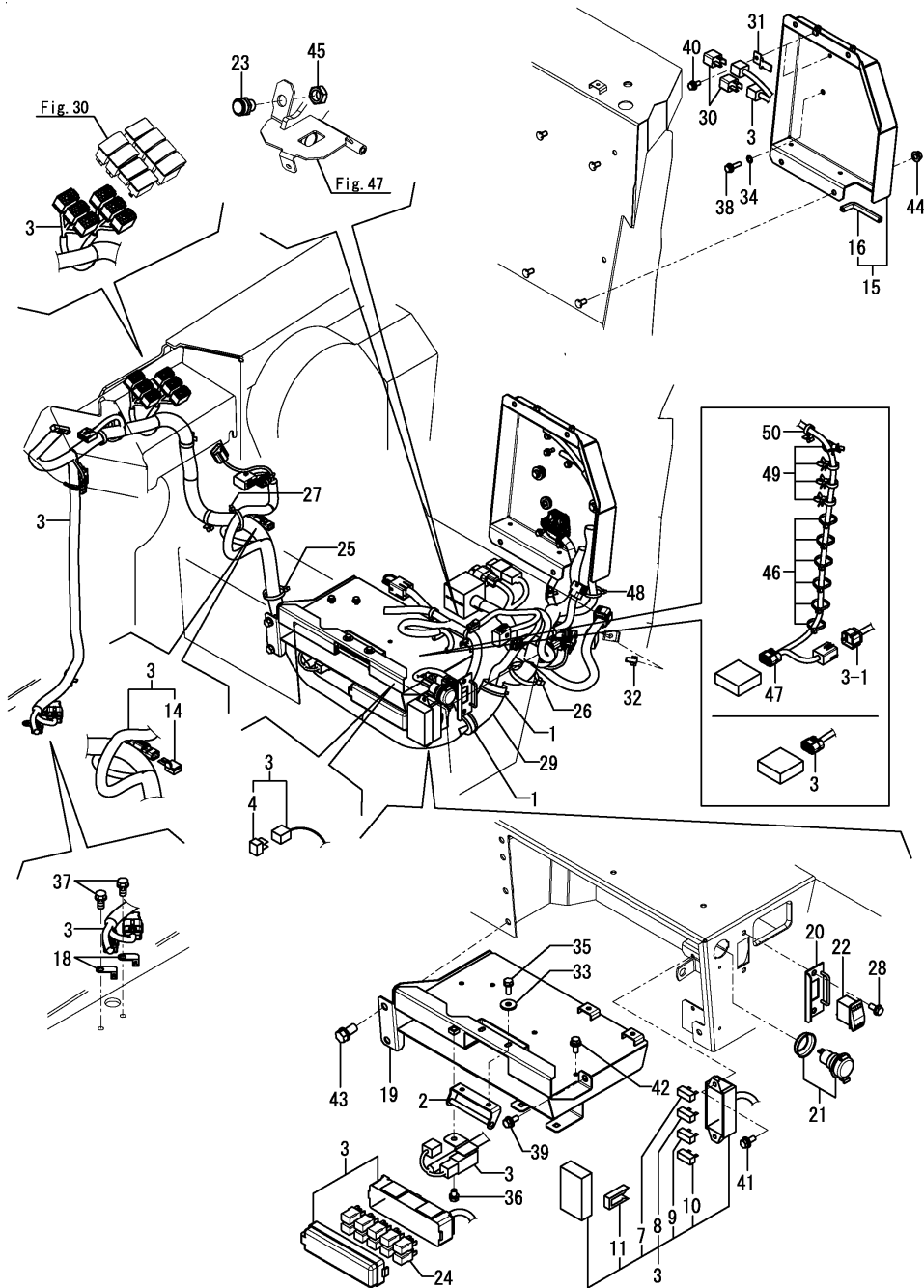
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2	2		2				
2	1	172B11-16350	CATCH ASSY, LOCK	1	1		1				
3	1	172B11-16470	HARNESS ASSY, B T3	1	1		1				
3-1	1	172B11-16400 (A=*2019.11) (B=*2019.11)	HARNESS ASSY, B	1	1						S
4	2	172649-16560	DIODE, 1.5-3PA	1	1		1				
7	2	198535-52110	FUSE, 5A	8	8		8				
8	2	198535-52120	FUSE, 10A	5	5		5				
9	2	198535-52140	FUSE, 20A	4	4		4				
10	2	198535-52170	FUSE, 30A	4	4		4				
11	2	1E9570-83900	PULLER, MINI FUSE	1	1		1				
14	2	1E8235-84910	DIODE, 090 31	5	5		5				
15	1	172B11-16610	BRACKET ASSY, E-ECU3	1	1		1				
16	2	172456-13470	RUBBER 100	1	1		1				
18	1	172A69-16700	BRACKET, SWP 2P-M	2	2		2				
19	1	172B11-16900	BRACKET ASSY, CR	1	1		1				
19-1	1	172B11-16901 (A=MAG958) (B=M1F446) (D=M1F431)	BRACKET ASSY,CR	1	1		1				N
20	1	172A89-17180	PLATE ASSY, SWITCH	1	1		1				
21	1	172A64-17250	SOCKET ASSY	1	1		1				
22	1	172A69-17260	SWITCH, ENGINE STOP	1	1		1				
23	1	194464-52190	SWITCH, SAFETY START	1	1		1				
24	1	1A7522-52950	RELAY, ACM13221M19	10	10		10				
25	1	194202-56460	BAND, BINDING 200	1	1		1				
26	1	194202-56460	BAND, BINDING 200	1	1		1				
27	1	194202-56460	BAND, BINDING 200	1	1		1				
28	1	172519-63240	BOLT, M8X16	2	2		2				
29	1	172445-68650	SPONGE, HOSE	1	1		1				
30	1	129927-77900	RELAY, ISO 90A	2	2		2				
31	1	129927-77910	BRACKET, CONNECTOR	2	2		2				
32	1	1E8490-84130	CLAMP, BAND	1	1		1				
33	1	22157-060000	WASHER, 6	2	2		2				
34	1	22157-080000	WASHER, 8	2	2		2				
35	1	26013-060122	BOLT, M6X 12	2	2		2				
36	1	26013-080122	BOLT, M8X 12	1	1		1				
37	1	26013-080162	BOLT, M8X 16	2	2		2				
38	1	26013-080252	BOLT, M8X 25	2	2		2				
39	1	26013-100162	BOLT, M10X 16	3	3		3				
40	1	26014-060162	BOLT, M6X 16	2	2		2				
41	1	26014-060162	BOLT, M6X 16	2	2		2				
42	1	26014-060202	BOLT, M6X 20	2	2		2				
43	1	26014-100202	BOLT, M10X 20	3	3		3				
44	1	26051-080002	NUT, M8	4	4		4				
45	1	26776-180002	NUT, LOCK M18	1	1		1				
46	1	172126-11510	BAND, BINDING 300	6	6						W
47	1	172B11-16640 (A=*2019.11) (B=*2019.11)	HARNESS ASSY,REMOT2G	1	1						W
48	1	194202-56460 (A=*2019.11) (B=*2019.11)	BAND, BINDING 200	1	1		1				W
49	1	1E8775-84120 (A=*2019.11) (B=*2019.11) (D=*2019.11)	CLAMP, BAND B	5	5						W

Fig.23. SEAT MOUNT(GPS SPEC.)

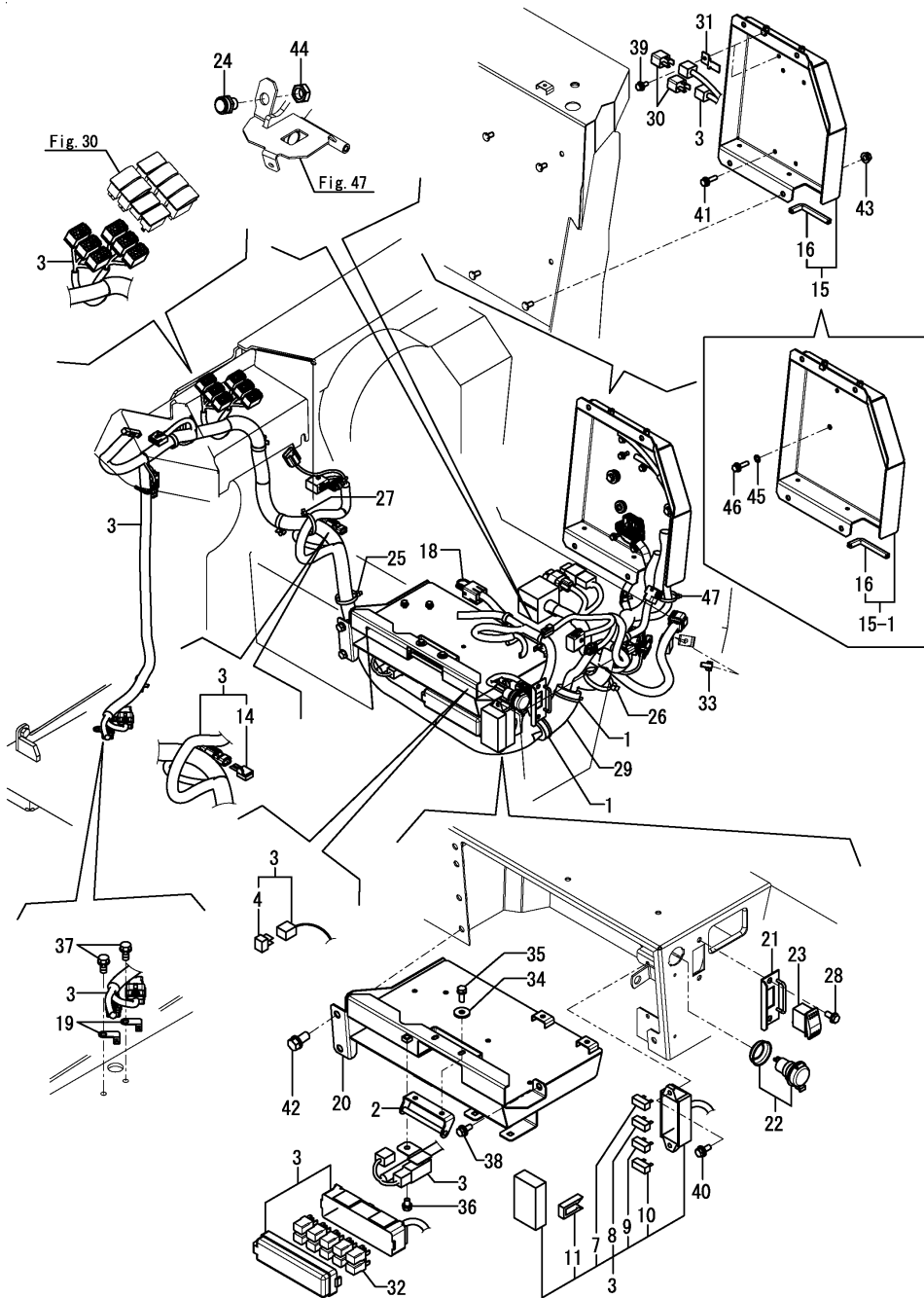
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	1	(A=*2019.11)	(B=*2019.11)	CLAMP, BAND	2	2					W
		(A=*2019.11)	(B=*2019.11)								
		(A=*2019.11)	(B=*2019.11)								

Fig.24. SEAT MOUNT(WITHOUT GPS)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

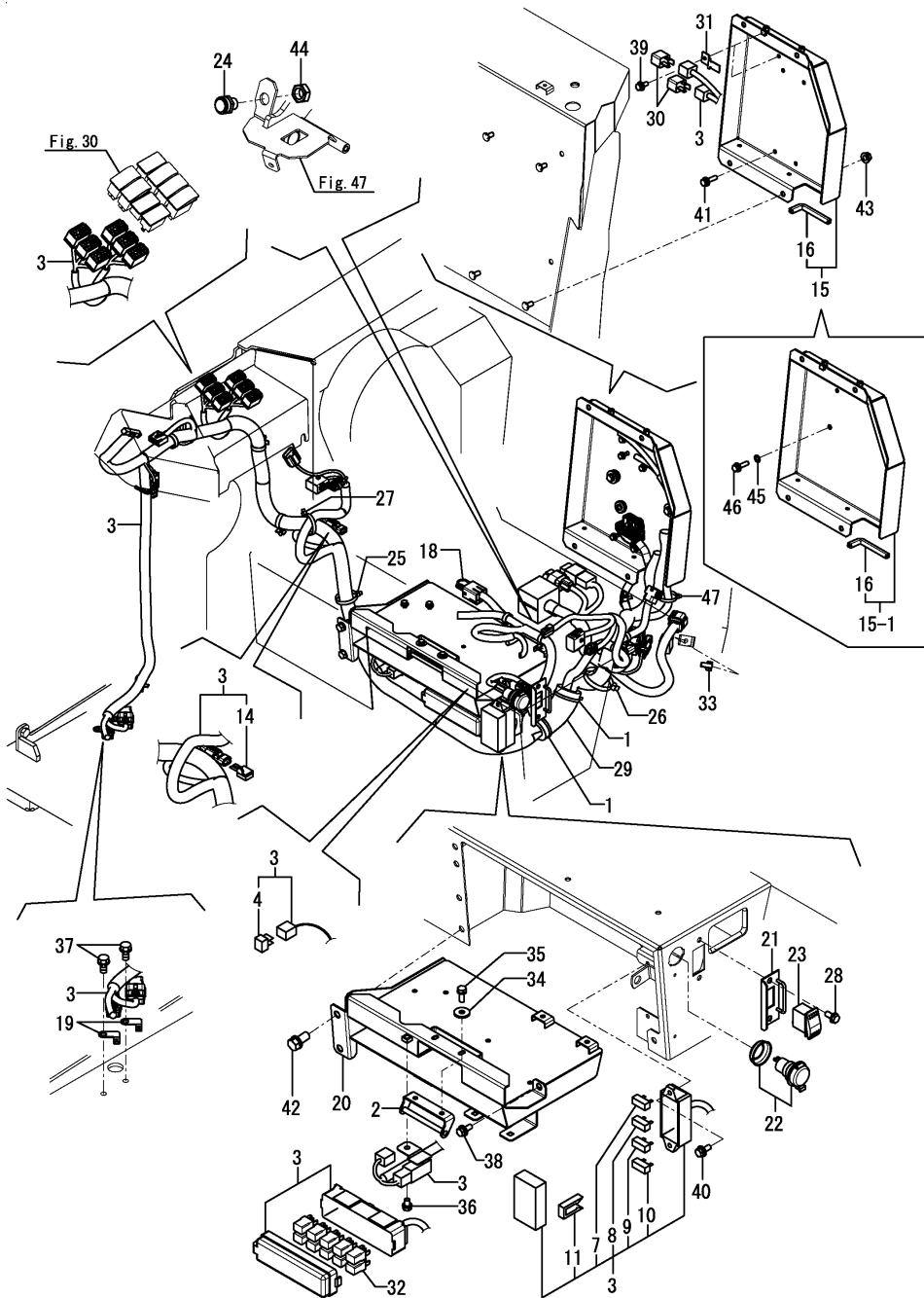
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300			2	2				
2	1	172B11-16350	CATCH ASSY, LOCK			1	1				
3	1	172B11-16400	HARNESS ASSY, B			1	1				
4	2	172649-16560	DIODE, 1.5-3PA			1	1				
7	2	198535-52110	FUSE, 5A			8	8				
8	2	198535-52120	FUSE, 10A			5	5				
9	2	198535-52140	FUSE, 20A			4	4				
10	2	198535-52170	FUSE, 30A			4	4				
11	2	1E9570-83900	PULLER, MINI FUSE			1	1				
14	2	1E8235-84910	DIODE, 090 31			5	5				
15	1	172B11-16600	BRACKET ASSY, E-ECU (C=M10503)			1					Z
15-1	1	172B11-16610	BRACKET ASSY, E-ECU3 (C=M10503)			1	1				W
16	2	172456-13470	RUBBER 100			1	1				
18	1	172A64-16700	HARNESS, WIRE JOINT			1	1				
19	1	172A69-16700	BRACKET, SWP 2P-M			2	2				
20	1	172B11-16900	BRACKET ASSY, CR			1	1				
20-1	1	172B11-16901	BRACKET ASSY,CR (C=M1F439) (D=M1F431)			1	1				N
21	1	172A89-17180	PLATE ASSY, SWITCH			1	1				
22	1	172A64-17250	SOCKET ASSY			1	1				
23	1	172A69-17260	SWITCH, ENGINE STOP			1	1				
24	1	194464-52190	SWITCH, SAFETY START			1	1				
25	1	194202-56460	BAND, BINDING 200			1	1				
26	1	194202-56460	BAND, BINDING 200			1	1				
27	1	194202-56460	BAND, BINDING 200			1	1				
28	1	172519-63240	BOLT, M8X16			2	2				
29	1	172445-68650	SPONGE, HOSE			1	1				
30	1	129927-77900	RELAY, ISO 90A			2	2				
31	1	129927-77910	BRACKET, CONNECTOR			2	2				
32	1	1K1140-82500	RELAY, ACM13211M01			10					
32-1	1	1A7522-52950	RELAY, ACM13221M19 (C=M10503)			10	10				N
33	1	1E8490-84130	CLAMP, BAND			1	1				
34	1	22157-060000	WASHER, 6			2	2				
35	1	26013-060122	BOLT, M6X 12			2	2				
36	1	26013-080122	BOLT, M8X 12			1	1				
37	1	26013-080162	BOLT, M8X 16			2	2				
38	1	26013-100162	BOLT, M10X 16			3	3				
39	1	26014-060162	BOLT, M6X 16			2	2				
40	1	26014-060162	BOLT, M6X 16			2	2				
41	1	26014-060252	BOLT, M6X 25 (C=M10503)			4					Z
42	1	26014-100202	BOLT, M10X 20			3	3				
43	1	26051-080002	NUT, M8			4	4				
44	1	26776-180002	NUT, LOCK M18			1	1				
45	1	22157-080000	WASHER, 8 (C=M10503)			2	2				W
46	1	26013-080252	BOLT, M8X 25 (C=M10503)			2	2				W

Fig.24. SEAT MOUNT(WITHOUT GPS)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



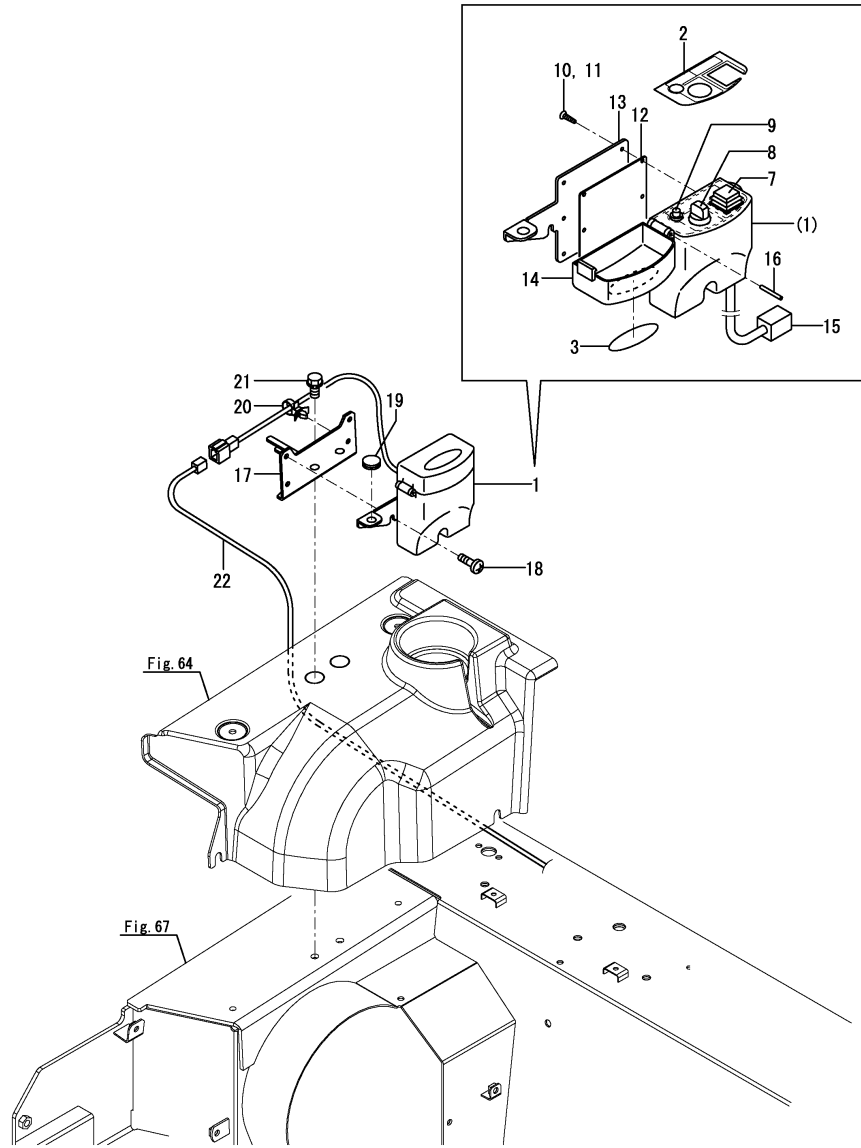
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	1	194202-56460	BAND, BINDING 200 (C=*2019.11) (D=*2019.11)			1	1				W

Fig.25. QUICK COUPLER(SWITCH BOX)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17111	BOX, SWITCH EX	1	1	1	1				1
1-1	1	172958-17410	BOX, SWITCH EX D	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
2	2	172472-03290	LABEL, SWITCH	1	1	1	1				
3	2	172472-03300	LABEL, COVER	1	1	1	1				
7	3	172958-17140	SWITCH ASSY	1	1	1	1				
8	3	172958-17150	SWITCH ASSY	1	1	1	1				
9	3	172958-17160	LAMP, INDICATOR	1	1	1	1				
10	3	172958-17170	SCREW, TAPPING	6	6	6	6				
11	3	172958-17180	SCREW, TAPPING	2	2	2	2				
12	3	172958-17190	PACKING	1	1	1	1				
13	3	172958-17200	BRACKET	1	1	1	1				
14	3	172958-17210	CASE	1	1	1	1				1
14-1	3	172958-17230	CASE, UPPER	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
15	3	172958-17220	CORD	1	1	1	1				
16	3	22351-030028	PIN, SPRING 3.0X28	1	1	1	1				
17	1	172A89-17150	QH BRACKET ASSY	1	1	1	1				
18	1	172137-46210	SCREW	2	2	2	2				
19	1	172187-64900	PLUG	1	1	1	1				
20	1	1E8775-84120	CLAMP, BAND	1	1	1	1				
21	1	26013-100202	BOLT, SPRING M10X 20	2	2	2	2				
21-1	1	26013-100252	BOLT, SPRING M10X 25	2	2	2	2				N
		(A=M10502) (B=M10502) (C=M10502)									
22	1	172B11-16270	HARNESS, QH	1	1	1	1				W
		(A=M10523) (B=M10543) (C=M10612)									

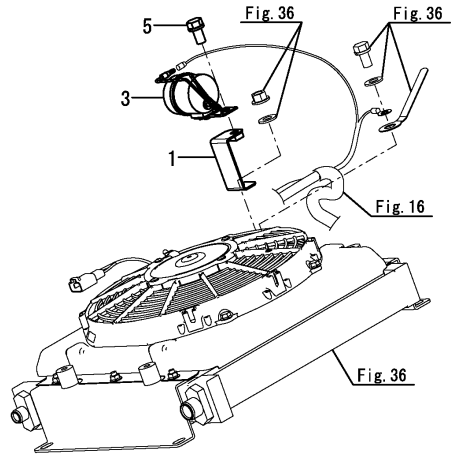


Remarks
 (1)Color = DARK OLIVE GRAY.
 (2)Color = PANTONE 425C.

Fig.26. ELECTRIC PARTS(TRAVEL ALARM)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16880	BRACKET ASSY, BUZZER	1	1	1	1				
2	1	172478-17201	SWITCH, PRESSURE	1	1	1	1				
3	1	172511-17351	BUZZER, BACK	1	1	1	1				
4	1	172156-76110	CONNECTOR,PF1/4PT1/8	1	1	1	1				
5	1	26013-080162	BOLT, M8X 16	1	1	1	1				
6	1	41851-000110	O-RING	1	1	1	1				

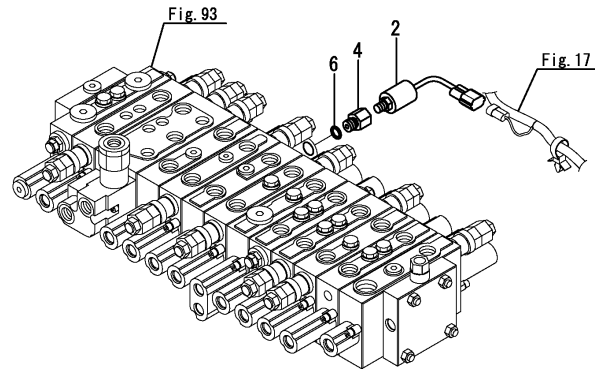
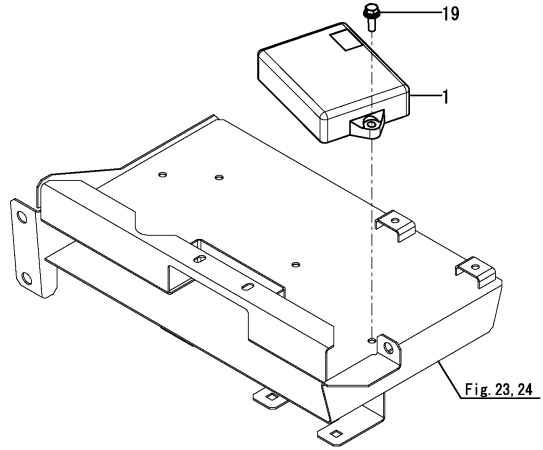


Fig.28. ELECTRIC PARTS(CONTROLLER)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



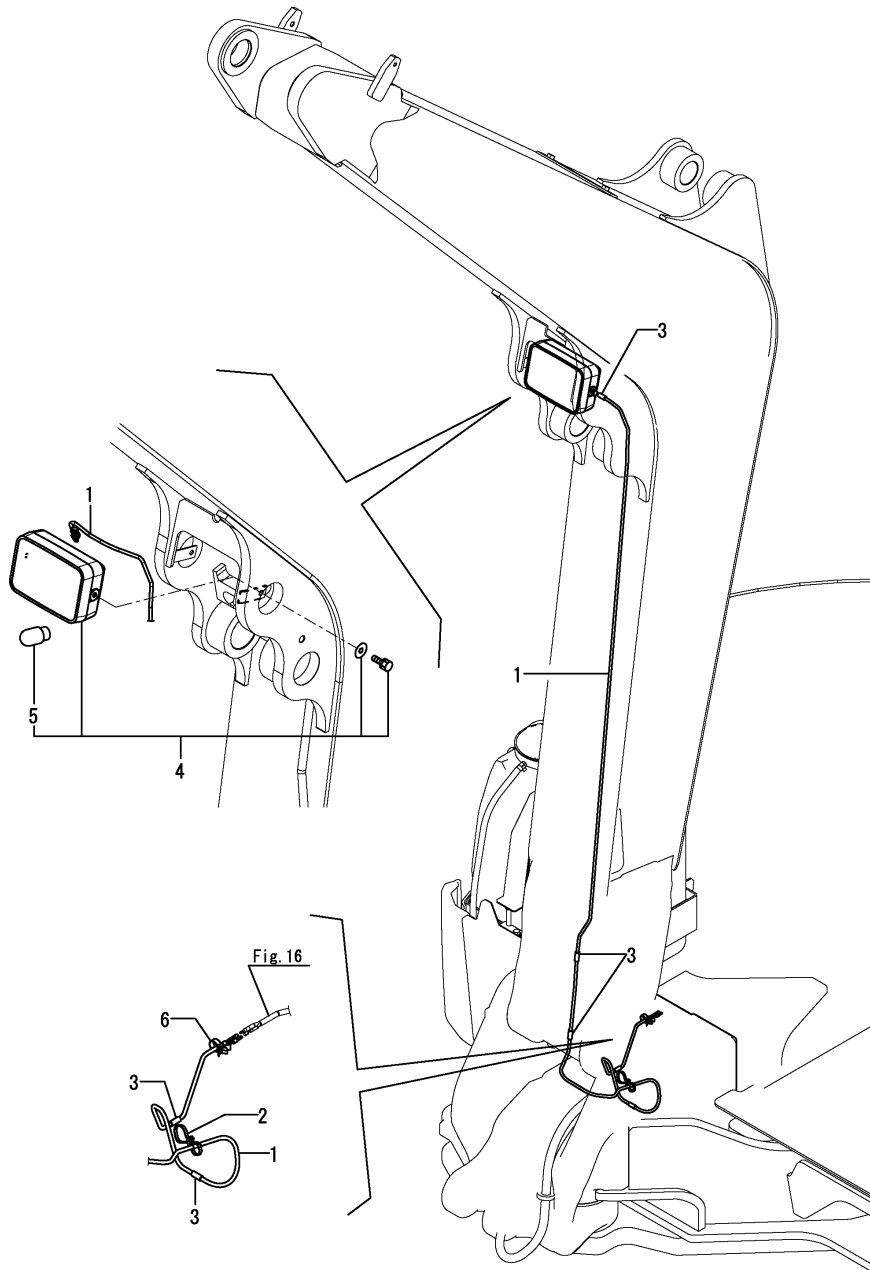
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8280-50900	CONTROL-UNIT,SERVICE	1	1	1	1				1
19	1	26014-060202	BOLT, M6X 20	2	2	2	2				

Remarks
 (1)Spare parts.
 To install proper information, go to an authorized distributor.

Fig.29. ELECTRIC PARTS(WORK LAMP)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

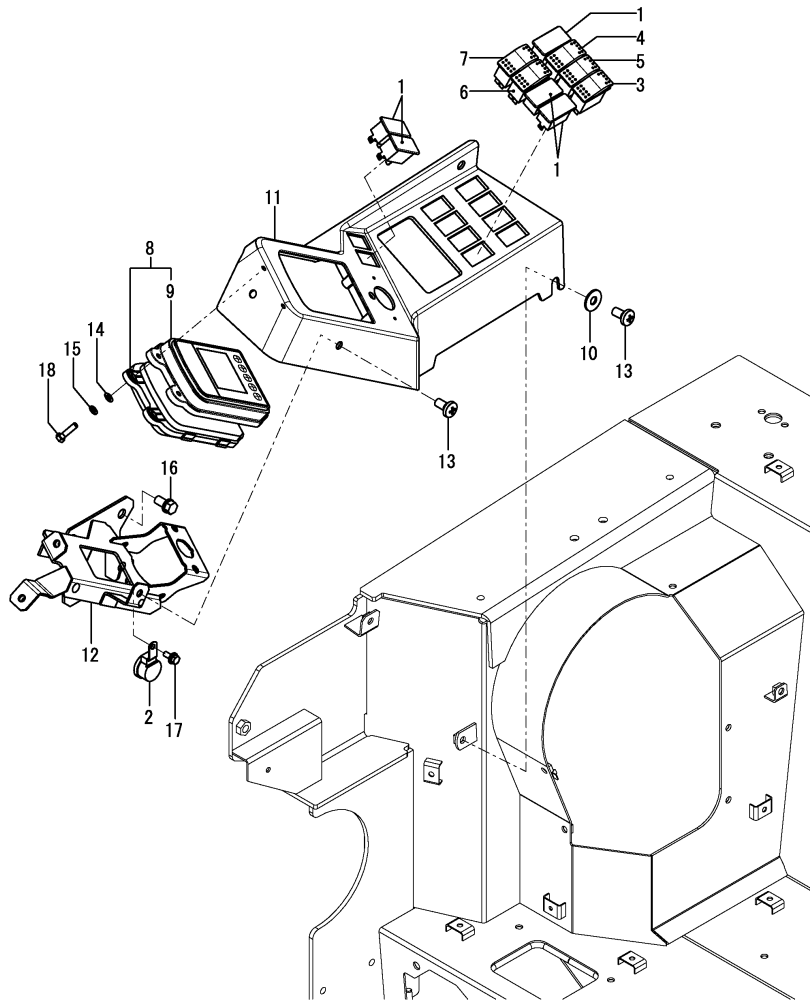


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-16440	HARNES, WIRE	1	1	1	1				
2	1	172137-16560	BAND	1	1	1	1				
3	1	172B11-16780	RUBBER, CLAMP A	5	5	5	5				
4	1	172162-17400	LAMP ASSY, WORK	1	1	1	1				
5	2	172141-17211	BULB	1	1	1	1				
6	1	1E8775-84120	CLAMP, BAND	1	1	1	1				

Fig.30. INDICATOR BOX

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172538-17100	PLUG, PANEL	5	5	5	5				
2	1	172141-17150	BUZZER	1	1	1	1				
3	1	172A69-17211	SWITCH, TRAVLE	1	1	1	1				
4	1	172A69-17221	SWITCH, WIPER	1	1	1	1				
5	1	172A69-17231	SWITCH, LIGHT	1	1	1	1				
6	1	172A69-17241	SWITCH, AUTO DECEL	1	1	1	1				
7	1	172A69-17251	SWITCH, ECO	1	1	1	1				
8	1	172B03-17254	MONITOR ASSY	1	1	1	1				
8-1	1	172B03-17259	MONITOR ASSY	1	1	1	1			N	
		(A=M1F307)	(B=M1F307)	(C=M1F307)	(D=M1F307)						
9	2	172B03-17261	MONITOR ASSY,UPPER	1	1	1	1				
10	1	172458-62430	WASHER	2	2	2	2				
11	1	172B11-63140	PANEL, INSTRUMENT	1	1	1	1			1	
11-1	1	172B11-63240	PANEL, INSTRUMENT D	1	1	1	1			S 2	
		(A=M1F001)	(B=M1F001)	(C=M1F001)	(D=M1F001)						
12	1	172B11-63500	STAY ASSY, INPANE	1	1	1	1				
13	1	172137-69850	SCREW	4	4	4	4				
14	1	22137-050000	WASHER, 5	4	4	4	4				
15	1	22217-050000	WASHER, SPRING 5	4	4	4	4				
16	1	26013-100202	BOLT, SPRING M10X 20	3	3	3	3				
17	1	26014-060162	BOLT, M6X 16	1	1	1	1				
18	1	26116-050202	BOLT, M5X 20 PLATED	4	4	4	4				

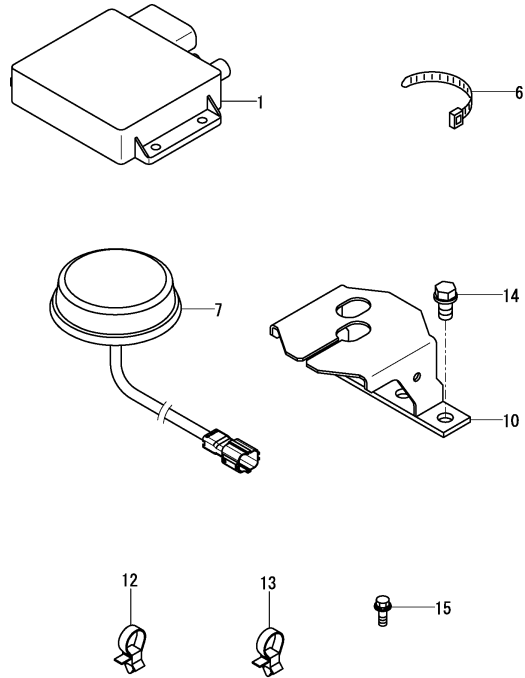
Remarks

- (1)Color = DARK OLIVE GRAY.
- (2)Color = PANTONE 425C.

Fig.31. GPS(1.0G)(TO M1F279)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00021	CONTROLLER, MOBILE	1	1						1
1-1	1	1RF001-00022	CONTROLLER,MOBILE,O	1	1						N 1
		(A=M10654) (B=M10654)									
1-2	1	1RF001-00023	CONTROLLER,MOBILE,O	1	1		1				N 1
		(A=M10904) (B=M10904) (D=M10904)									
1-3	1	1RF001-00024	CONTROLLER, MOBILE	1	1		1				R 1
		(A=M11440) (B=M11440) (D=M11440)									
6	1	172126-11510	BAND, BINDING 300	6	6		6				
7	1	172B11-16590	ANTENNA ASSY, MOBILE	1	1		1				
10	1	172B11-17920	BRACKET ASSY, GPS	1	1		1				
12	1	1E8775-84120	CLAMP, BAND B	4	4		4				
13	1	1E8490-84130	CLAMP, BAND	3	3		3				
14	1	26013-10020	BOLT, M10X 20	2	2		2				
15	1	26014-060162	BOLT, M6X 16	4	4		4				

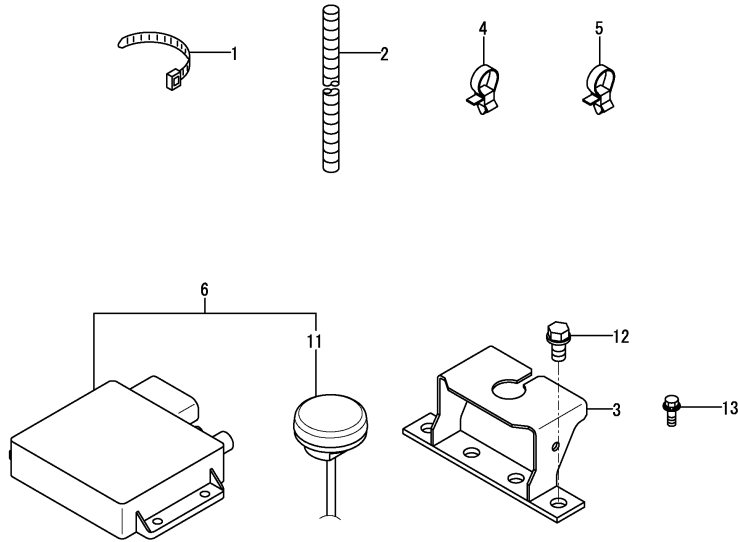
Remarks

- * Interchangeable by simultaneous replacement with No.1, 7 & 10, Fig.201 No.3, 6.
- (1)To install proper information, go to an authorized distributor.
- Note : Carrier registration is required when replacing this part.
- * For more information, contact the service department of the dealer you purchased from.
- Note : Registration is required when replacing this part.
- * For more information, contact the service department of the dealer you purchased from.

Fig.201. (31A)GPS(1.5G)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	6	6						
2	1	172B11-16540	TUBE, PROTECTOR 7	1	1						
3	1	172B11-17950	BRACKET ASSY, GPS	1	1						
3-1	1	172B11-17951 (A=M1F448) (B=M1F439)	BRACKET ASSY, GPS	1	1						N
4	1	1E8775-84120	CLAMP, BAND B	4	4						
5	1	1E8490-84130	CLAMP, BAND	3	3						
6	1	1RF001-93553	SA-R KIT,3G	1	1						1
6-1	1	1RF001-93554	SA-R KIT,3G	1	1						N 1
11	2	1RF001-93010 (A=M1F435) (B=M1F435)	ANTENNA, MOBILE	1	1						
12	1	26013-100202	BOLT, M10X 20	2	2						
13	1	26014-060162	BOLT, M6X 16	4	4						

Remarks

(1)To install proper information, go to an authorized distributor.

Note : Carrier registration is required when replacing this part.

For more information, contact the service department of the dealer you purchased from.

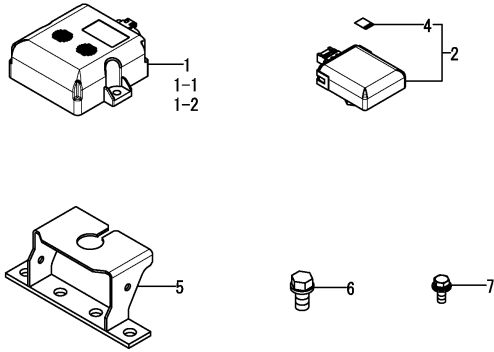
Note : Registration is required when replacing this part.

For more information, contact the service department of the dealer you purchased from.

Fig.204. (31B)GPS(2.0G)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00222	CONTROLLER,SA-R BATT	1	1						1
1-1	1	1RF001-00212	CONTROLLER,SA-R	1	1						S 1
		(A=M1F454) (B=M1F454)									
1-2	1	1RF001-00223	CONTROLLER,SA-R BATT	1	1						S 1
		(A=M1F458) (B=M1F458)									
2	1	1RF001-00311	CONTROLLER,SA-R 3G	1	1						
4	2	1RF001-93410	MICROSIM,DOCOMO	1	1						
5	1	172B11-17951	BRACKET ASSY, GPS	1	1						
6	1	26013-100202	BOLT, M10X 20	2	2						
7	1	26014-060162	BOLT, M6X 16	2	2						

Remarks

(1)To install proper information, go to an authorized distributor.

Note : Carrier registration is required when replacing this part.

* For more information, contact the service department of the dealer you purchased from.

Note : Registration is required when replacing this part.

* For more information, contact the service department of the dealer you purchased from.

Fig.177. (31C)SENSOR VOLUME

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-17251	SENSOR ASSY, VOLUME		2						
4	2	172B11-17301	KNOB ASSY		2						
5	1	172B11-03420	LABEL,PROPORTIONAL		2						

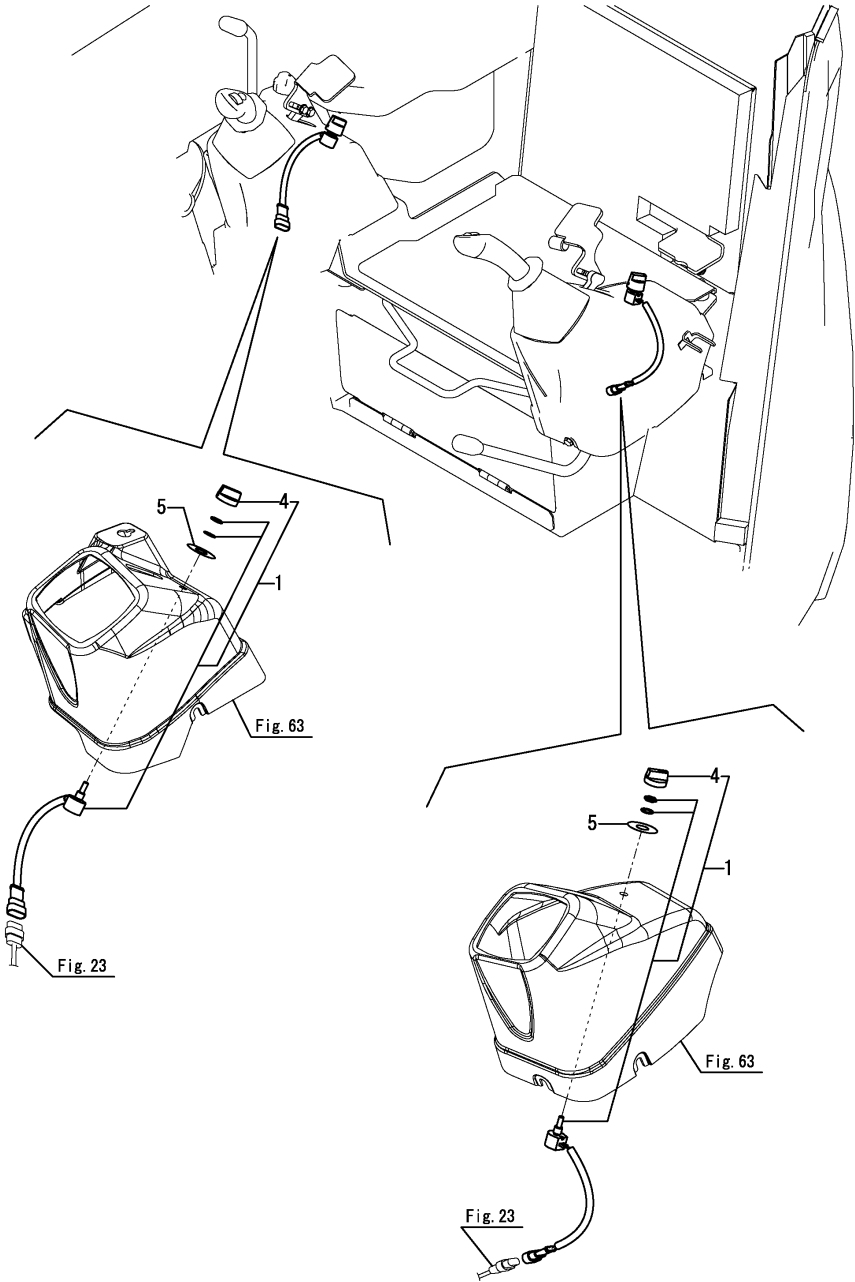
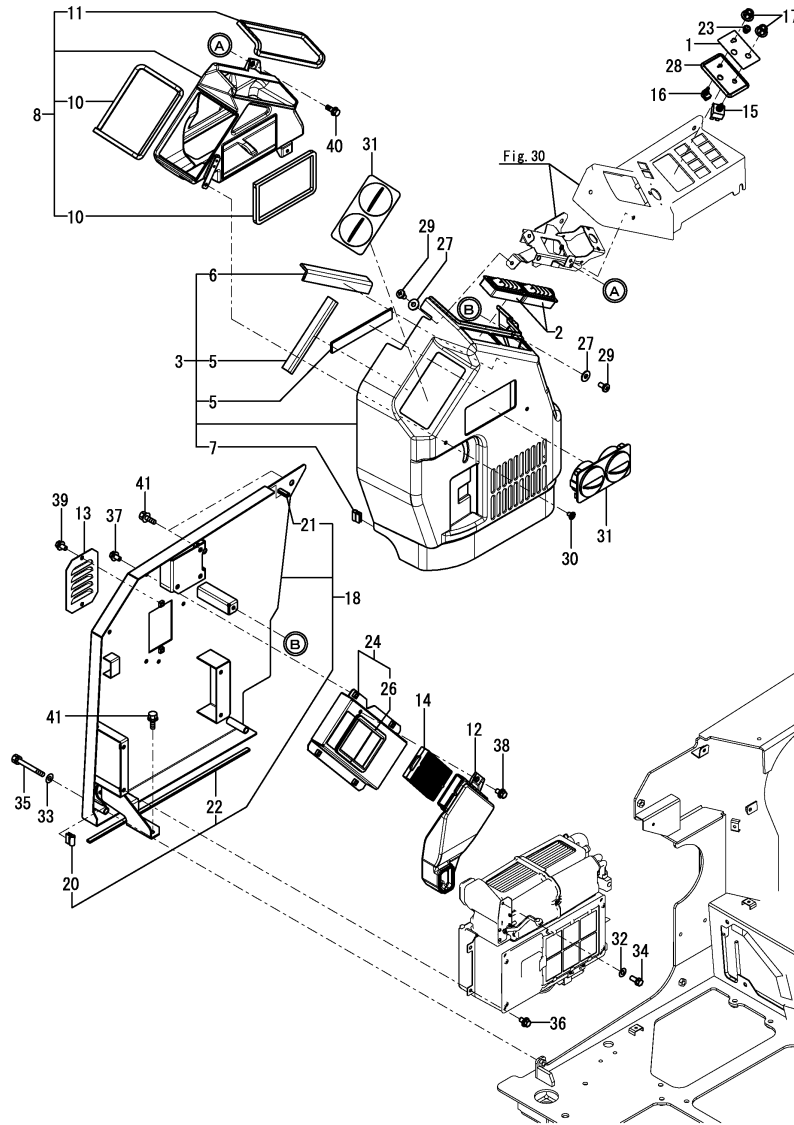


Fig.32. AIR CONDITIONER(CABIN RELATED)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=

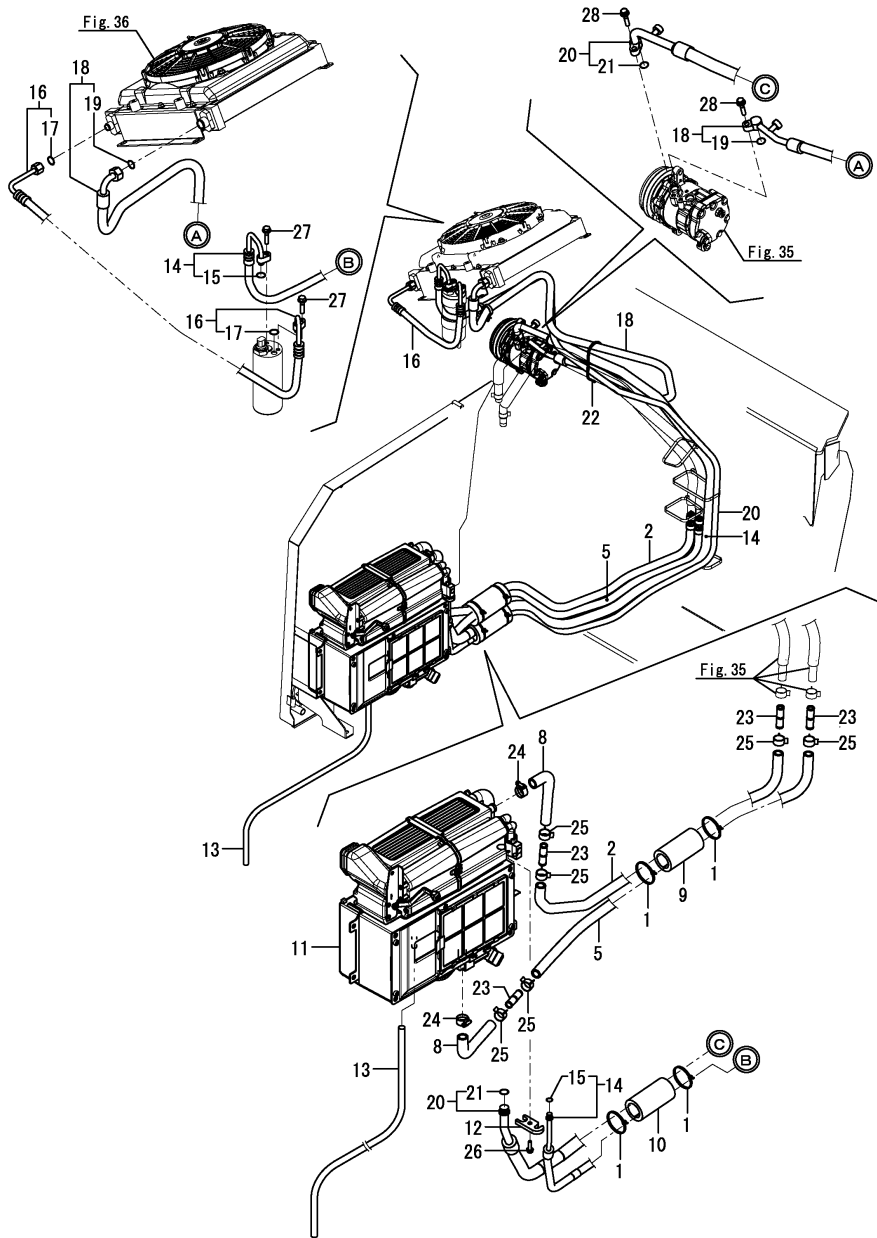


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-03250	LABEL,SW A/C	1	1	1	1				
2	1	172458-17700	GRILLE	2	2	2	2				
3	1	172B11-18200	COVER ASSY,A/C	1	1	1	1				1
3-1	1	172B11-18210	COVER ASSY,A/C D	1	1	1	1				S 4
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
5	2	172B11-18240	SEAT,INSULATOR A	2	2	2	2				
6	2	172B11-18250	SEAT,INSULATOR B	1	1	1	1				
7	2	172B11-19760	SEAL, 25	1	1	1	1				
8	1	172B11-18700	DUCT ASSY,A/C	1	1	1	1				
10	2	172A69-18750	SEAL, DUCT	2	2	2	2				
11	2	172B11-18810	SEAL,700	1	1	1	1				
12	1	172B11-18740	DUCT,A/C FRESH AIR	1	1	1	1				
13	1	172B11-18780	LOUVER	1	1	1	1				
14	1	172B06-18420	FILTER, AIR	1	1	1	1				
15	1	172B06-18560	SWITCH, BLOWER	1	1	1	1				
16	1	172B06-18570	SWITCH, THERMO	1	1	1	1				
17	1	172B06-18580	KNOB	2	2	2	2				
18	1	172B11-19110	BRACKET ASSY,AC U	1	1	1	1				
20	2	172B11-19760	SEAL, 25	1	1	1	1				
21	2	172455-61580	TRIM	1	1	1	1				
22	2	172458-64140	SEAL	1	1	1	1				
23	1	172B03-19160	SWITCH ASSY	1	1	1	1				
24	1	172B11-19250	DUCT ASSY	1	1	1	1				
26	2	172162-62540	SEAL, STEP	1	1	1	1				
27	1	172458-62430	WASHER	2	2	2	2				
28	1	172B03-63340	PANEL, AC	1	1	1	1				2
28-1	1	172B03-63670	PANEL, AC D	1	1	1	1				S 5
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
29	1	172137-69850	SCREW	2	2	2	2				
30	1	1A8110-84210	RIVET	2	2	2	2				3
30-1	1	1A8060-84280	RIVET, PUSH	2	2	2	2				S 6
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
31	1	1A7030-87411	GRILLE ASSY, FRONT	2	2	2	2				
32	1	22117-060000	WASHER, 6	1	1	1	1				
33	1	22137-100000	WASHER, 10	2	2	2	2				
34	1	26013-060102	BOLT, SPRING M6X 10	1	1	1	1				
35	1	26013-100852	BOLT, SPRING M10X 85	2	2	2	2				
36	1	26014-080162	BOLT, M8X 16	4	4	4	4				
37	1	26014-080162	BOLT, M8X 16	4	4	4	4				
38	1	26014-080162	BOLT, M8X 16	1	1	1	1				
39	1	26014-080162	BOLT, M8X 16	2	2	2	2				
40	1	26014-080202	BOLT, M8X 20	1	1	1	1				
41	1	26014-100252	BOLT, M10X 25	3	3	3	3				

Remarks

- (1)Color = WARM IVORY.
- (2)Color = WARM GARY.
- (3)Color = LIGHT GARY.
- (4)Color = NAVY GRAY.
- (5)Color = PANTONE 425C.
- (6)Color = BLACK.

Fig.33. AIR CONDITIONER(PIPING)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	4	4	4	4				
2	1	172A89-17810	HOSE ASY,HEATER 1050	1	1	1	1				
5	1	172A69-17840	HOSE ASSY, HEATER	1	1	1	1				
8	1	172B11-17870	HOSE, HEATER A	2	2	2	2				
9	1	172A69-18900	SPONGE, HOSE	1	1	1	1				
10	1	172B11-18900	SPONGE,42X120	1	1	1	1				
11	1	172B03-19100	CONDITIONER, AIR	1	1	1	1				1
12	1	172B03-19110	PLATE, FLANGE	1	1	1	1				
13	1	172B11-19870	HOSE, DRAIN AC	1	1	1	1				
14	1	172B11-19800	HOSE,EXP.V	1	1	1	1				
15	2	172B06-18700	O-RING	2	2	2	2				
16	1	172B11-19830	HOSE,RECIEVER	1	1	1	1				
17	2	172B06-18700	O-RING	2	2	2	2				
18	1	172B11-19840	HOSE,DISCHARGE	1	1	1	1				
19	2	172B06-18680	O-RING	2	2	2	2				
20	1	172B11-19850	HOSE,SUCTION	1	1	1	1				
21	2	172B06-18690	O-RING	2	2	2	2				
22	1	194202-56460	BAND, 200	1	1	1	1				
23	1	1A7030-88660	PIPE, JOINT	4	4	4	4				
24	1	23001-022000	CLAMP, HOSE 22	2	2	2	2				
25	1	23080-018000	CLAMP, 18	6	6	6	6				
26	1	26106-060202	BOLT, M6X 20 PLATED	1	1	1	1				
27	1	26106-060252	BOLT, M6X 25 PLATED	2	2	2	2				
28	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2				

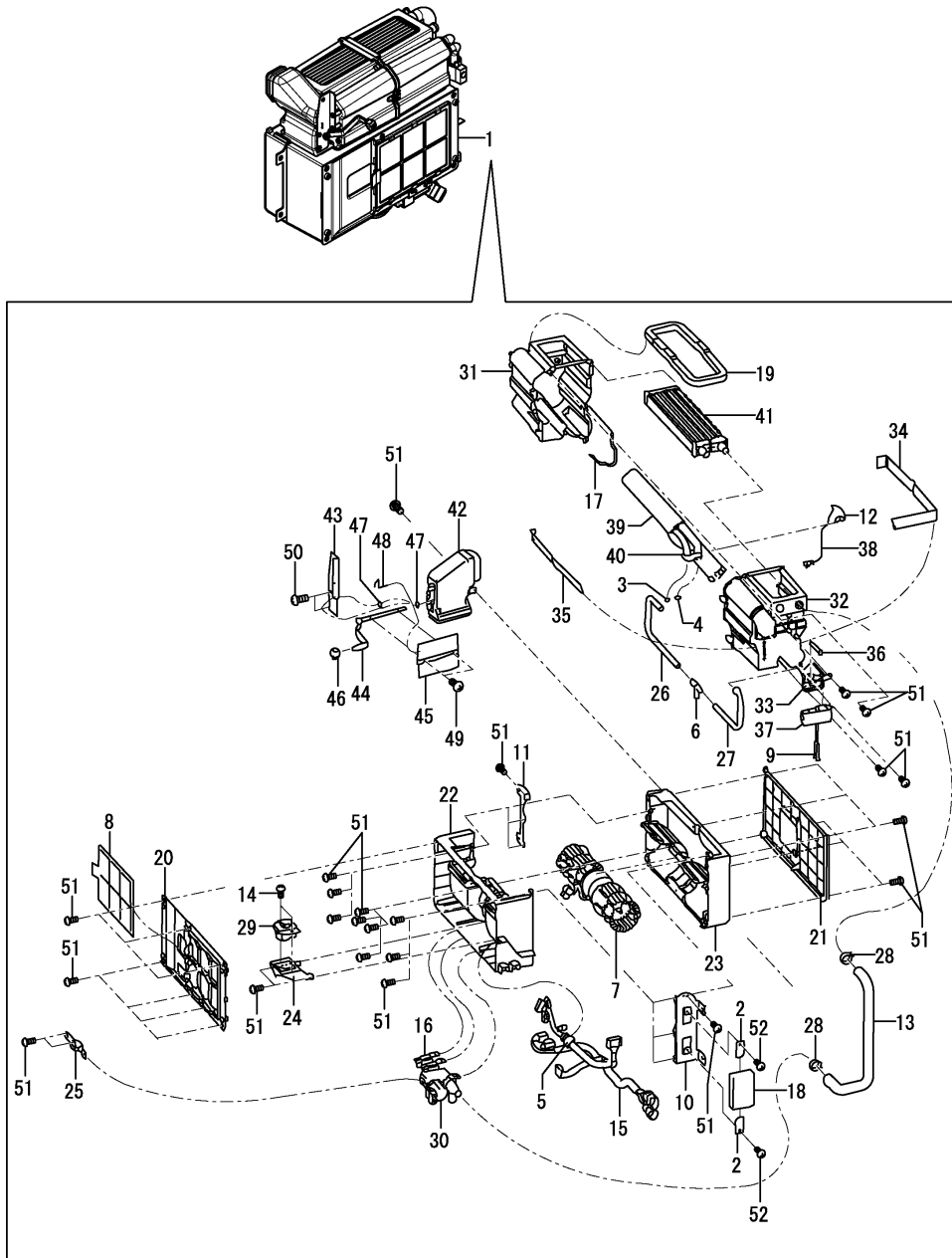
Remarks

(1)Inner parts are shown in Fig.34.

Fig.34. AIR CONDITIONER(UNIT)(INNER PARTS)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-19100	CONDITIONER, AIR	1	1	1	1				
2	2	172B06-18550	BRACKET,AMP	2	2	2	2				
3	2	172B06-18680	O-RING	1	1	1	1				
4	2	172B06-18690	O-RING	1	1	1	1				
5	2	172B06-18930	INSULATOR,HARNES	1	1	1	1				
6	2	172B06-18960	ELBOW,DRAIN	1	1	1	1				
7	2	172B06-18970	MOTOR ASSY,BLOWER	1	1	1	1				
8	2	172B03-19120	FILTER, REC	1	1	1	1				
9	2	172B06-19120	BOLT, SOCKET M5X40	2	2	2	2				
10	2	172B03-19130	BRACKET, 1	1	1	1	1				
11	2	172B03-19140	BRACKET, 2	1	1	1	1				
12	2	172B06-19140	HOLDER,THERMISTOR	1	1	1	1				
13	2	172B03-19150	HOSE, HEATER	1	1	1	1				
14	2	172B06-19150	SCREW, PAN HEAD	2	2	2	2				
15	2	172B03-19190	HARNES ASSY, HVAC	1	1	1	1				
16	2	172B03-19200	RELAY	2	2	2	2				
17	2	172B06-19200	SEAL,CASE	1	1	1	1				
18	2	172B03-19210	CONTROLLER, HVAC	1	1	1	1				
19	2	172B03-19220	SEAL, OUTLET	1	1	1	1				
20	2	172B03-19230	COVER, FRONT	1	1	1	1				
21	2	172B03-19240	COVER, BACK	1	1	1	1				
22	2	172B03-19250	CASE ASSY, LOW FRONT	1	1	1	1				
23	2	172B03-19260	CASE ASSY, LOW BACK	1	1	1	1				
24	2	172B03-19270	MOUNT, RESISTOR	1	1	1	1				
25	2	172B03-19280	RETAINER, VALVE	1	1	1	1				
26	2	172B03-19290	HOSE, DRAIN 1	1	1	1	1				
27	2	172B03-19300	HOSE, DRAIN 2	1	1	1	1				
28	2	172B03-19310	CLAMP, HOSE	2	2	2	2				
29	2	172B03-19320	RESISTOR	1	1	1	1				
30	2	172B03-19330	VALVE ASSY, WATER	1	1	1	1				
31	2	172B03-19340	CASE ASSY, UP FEMALE	1	1	1	1				
32	2	172B03-19350	CASE ASSY, UP MALE	1	1	1	1				
33	2	172B03-19360	COVER ASSY, PAF	1	1	1	1				
34	2	172B03-19370	SEAL, AC-UNIT 1	1	1	1	1				
35	2	172B03-19380	SEAL, AC-UNIT 2	1	1	1	1				
36	2	172B03-19390	RETAINER, TXV	1	1	1	1				
37	2	172B03-19400	VALVE, EXPANSION	1	1	1	1				
38	2	172B03-19410	SENSOR, TEMPERATURE	1	1	1	1				
39	2	172B03-19420	EVAPORATOR ASSY	1	1	1	1				
40	2	172B03-19430	STAY	1	1	1	1				
41	2	172B03-19440	HEATER ASSY	1	1	1	1				
42	2	172B03-19450	DUCT ASSY	1	1	1	1				
43	2	172B03-19460	BRACKET, DUCT	1	1	1	1				
44	2	172B03-19470	LEVER ASSY, DOOR	1	1	1	1				
45	2	172B03-19480	DOOR ASSY	1	1	1	1				
46	2	172B03-19490	KNOB	1	1	1	1				
47	2	172B03-19500	SPACER, C	2	2	2	2				
48	2	172B03-19510	SPRING	1	1	1	1				
49	2	172B03-19520	SCREW, 3X6	2	2	2	2				
50	2	172B03-19530	SCREW, 4X10	2	2	2	2				
51	2	172B03-19540	SCREW, 4X16	36	36	36	36				

Fig.34. AIR CONDITIONER(UNIT)(INNER PARTS)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	2	172B03-19550	SCREW, 5X5	2	2	2	2				

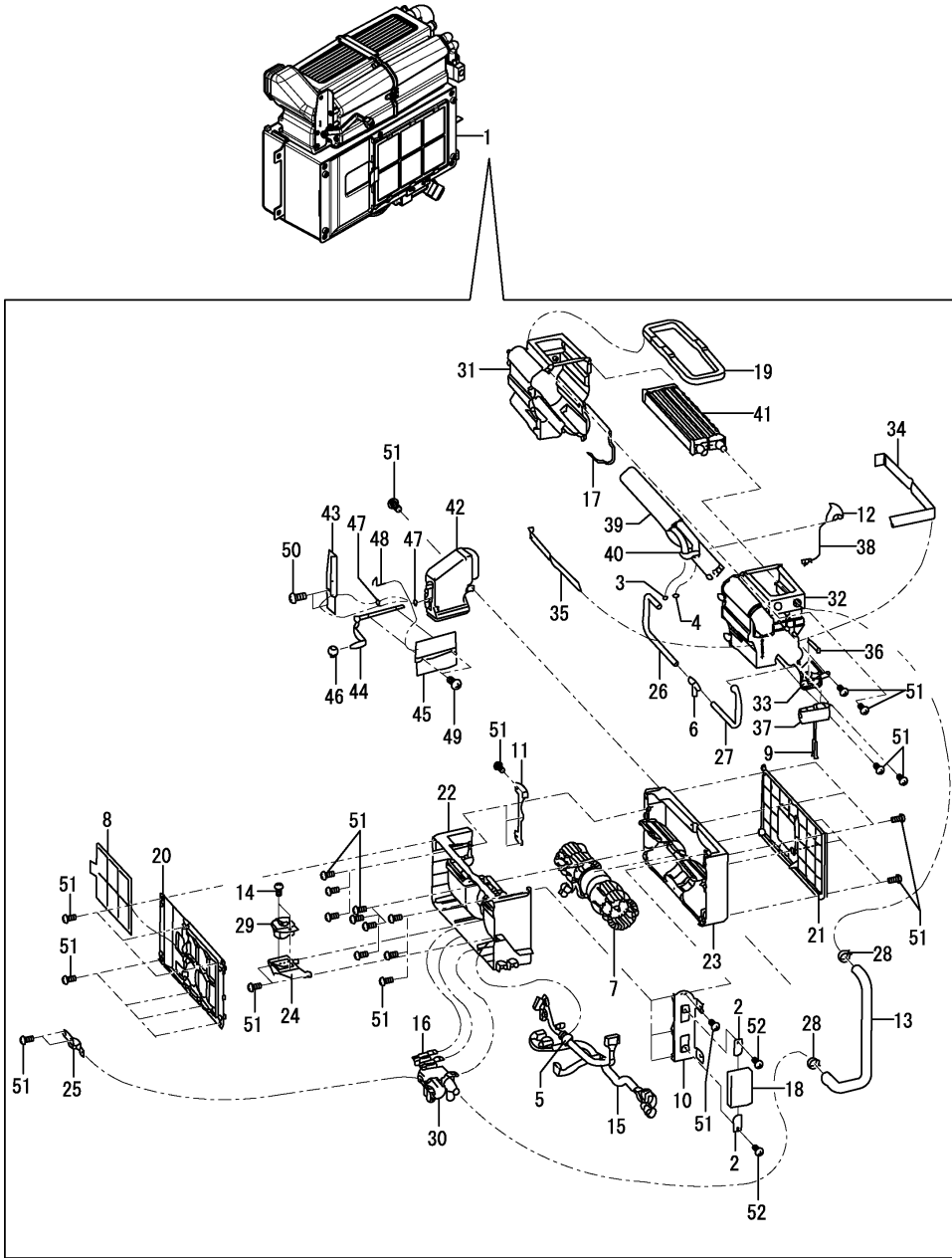
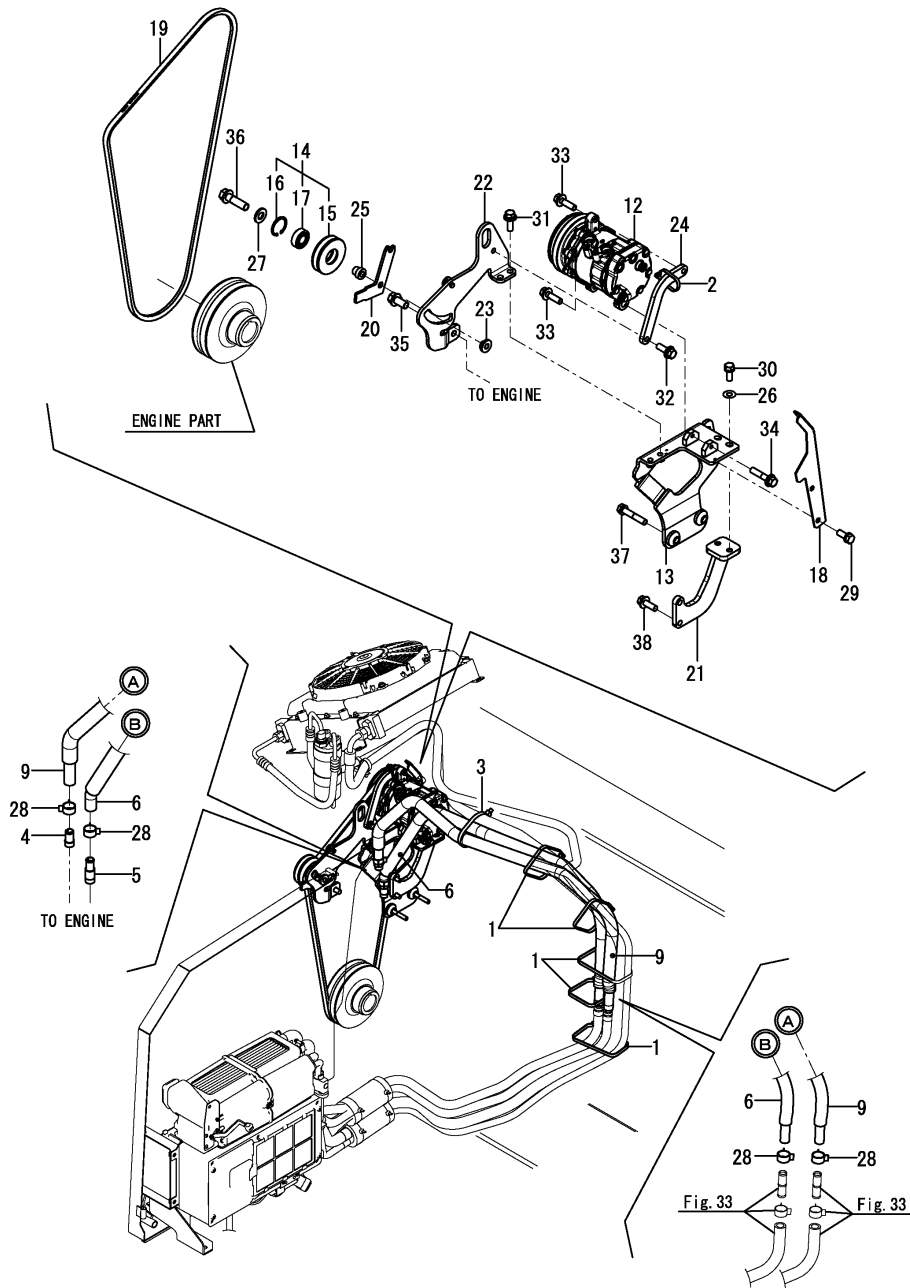


Fig.35. AIR CONDITIONER(ENGINE RERATED)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

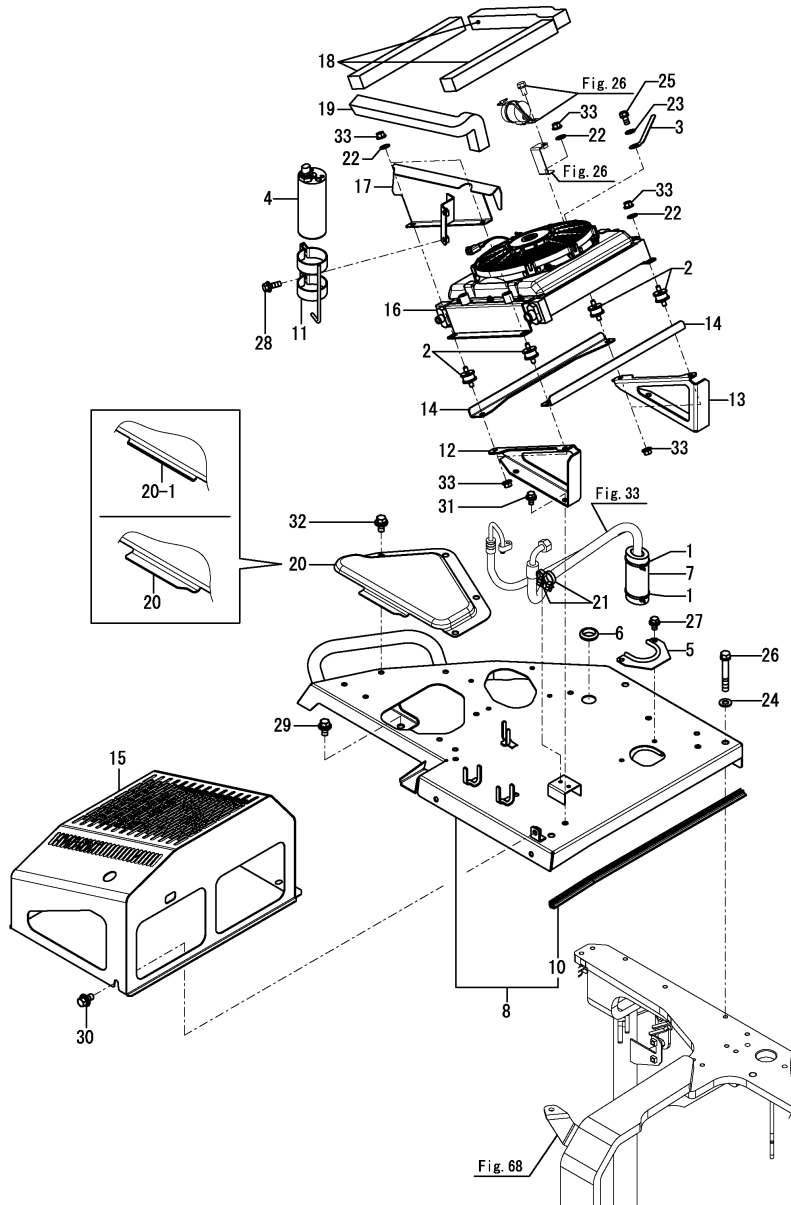


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	5	5	5	5				
2	1	172137-16560	BAND	1	1	1	1				
3	1	172137-16560	BAND	2	2	2	2				
4	1	172124-17640	JOINT, PIPE	1	1	1	1				
5	1	172B11-17640	JOINT,PIPE 3/8	1	1	1	1				
6	1	172A89-17810	HOSE ASY,HEATER 1050	1	1	1	1				
9	1	172A69-17840	HOSE ASSY, HEATER	1	1	1	1				
12	1	172B11-18100	COMPRESSOR ASSY, 116	1	1	1	1				
13	1	172B11-18110	BRACKET ASSY, A	1	1	1	1				
14	1	172A69-18150	PULLEY ASSY, TENSION	1	1	1	1				
15	2	172A69-18160	PULLEY, TENSION	1	1	1	1				
16	2	22252-000350	RING, 35	1	1	1	1				
17	2	24104-062020	BEARING, 6202UUC3	1	1	1	1				
18	1	172B11-18160	GUARD,BELT	1	1	1	1				
19	1	172A69-18190	V-BELT	1	1	1	1				
20	1	172B11-18290	BAR,ADJUST	1	1	1	1				
21	1	172A69-18350	BRACKET ASSY	1	1	1	1				
22	1	172A69-18371	BRACKET(PULLY ASSY	1	1	1	1				
23	1	172187-18410	NUT, PULLEY	1	1	1	1				
24	1	172B11-18420	PLATE,COMPRESSOR	1	1	1	1				
25	1	129466-96240	SPACER	1	1	1	1				
26	1	22137-080000	WASHER, 8	2	2	2	2				
27	1	22137-100000	WASHER, 10	1	1	1	1				
28	1	23080-018000	CLAMP, 18	4	4	4	4				
29	1	26013-080202	BOLT, M8X 20	2	2	2	2				
30	1	26014-080202	BOLT, M8X 20	2	2	2	2				
31	1	26014-080252	BOLT, M8X 25	2	2	2	2				
32	1	26014-080252	BOLT, M8X 25	1	1	1	1				
33	1	26014-080302	BOLT, M8X 30	2	2	2	2				
34	1	26014-080402	BOLT, M8X 40	1	1	1	1				
35	1	26106-100202	BOLT, M10X 20 PLATED	1	1	1	1				
36	1	26106-100352	BOLT, M10X 35 PLATED	1	1	1	1				
37	1	26450-080502	BOLT, M8X 50	2	2	2	2				
38	1	26014-080252	BOLT, M8X 25	2	2	2	2				

Fig.36. AIR CONDITIONER(CONDENSER RELATED)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=

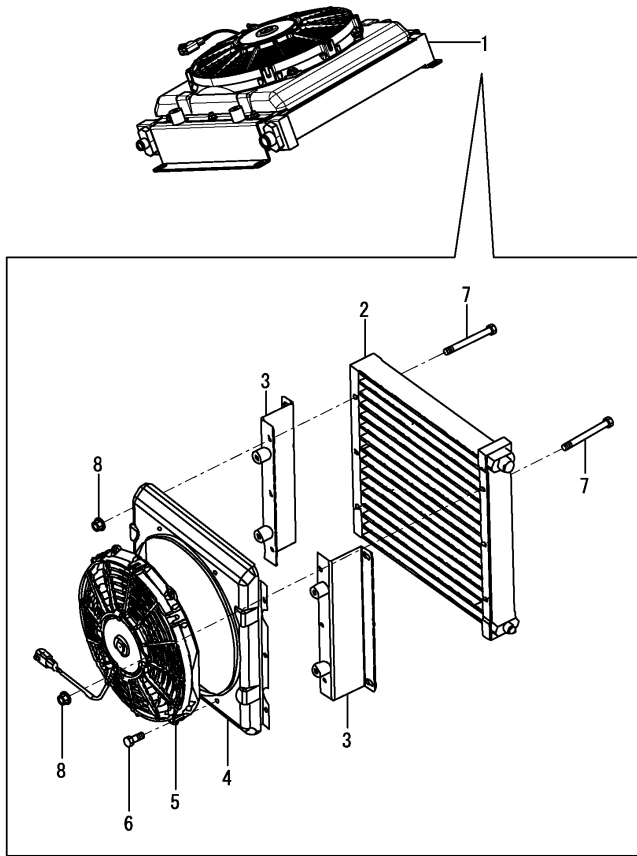


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2	2	2				
2	1	172447-13550	MOUNT, PAD	4	4	4	4				
3	1	172126-16540	CLAMP	1	1	1	1				
4	1	172B06-18450	DRIER, RECEIVER	1	1	1	1				
5	1	172A89-18580	COVER, HOSE	1	1	1	1				
6	1	172B11-18880	GROMMET,30	1	1	1	1				
7	1	172B11-18900	SPONGE,42X120	1	1	1	1				
8	1	172B11-18910	BASE ASSY,COND T3	1	1	1	1				
8-1	1	172B11-18911	BASE ASSY,COND T3	1	1	1	1				N
		(A=*2015.02)	(B=*2015.02)	(C=*2015.02)	(D=*2015.02)						
10	2	172444-61320	RUBBER, SEAL	1	1	1	1				
11	1	172B03-18950	BRACKET ASSY, R/D	1	1	1	1				
12	1	172B11-19500	BRACKET, COND F	1	1	1	1				
13	1	172B11-19520	BRACKET, COND R	1	1	1	1				
14	1	172B11-19580	RIB,COND BKT	2	2	2	2				
15	1	172B11-19610	COVER ASSY,COND	1	1	1	1				
16	1	172B03-19680	CONDENSER ASSY	1	1	1	1				1
17	1	172B11-19700	PLATE ASSY,SEAL COND	1	1	1	1				
18	1	172B11-19770	SEAL,310	3	3	3	3				
19	1	172B11-19780	SEAL,420	1	1	1	1				
20	1	172A69-62130	COVER	1	1	1	1				2
20-1	1	172B12-62130	COVER,UPPER	1	1	1	1				S 2
		(A=*2015.02)	(B=*2015.02)	(C=*2015.02)	(D=*2015.02)						
20A	1	172437-03391	LABEL, RADIATOR	1	1	1	1				3
21	1	1E8490-84130	CLAMP, BAND	2	2	2	2				
22	1	22137-080000	WASHER, 8	4	4	4	4				
23	1	22137-080000	WASHER, 8	1	1	1	1				
24	1	22137-100000	WASHER, 10	3	3	3	3				
25	1	26013-080162	BOLT, M8X 16	1	1	1	1				
26	1	26013-100702	BOLT, M10X 70	3	3	3	3				
27	1	26014-080162	BOLT, M8X 16	2	2	2	2				
28	1	26014-080252	BOLT, M8X 25	2	2	2	2				
29	1	26014-100202	BOLT, M10X 20	1	1	1	1				
30	1	26014-100202	BOLT, M10X 20	4	4	4	4				
31	1	26014-100202	BOLT, M10X 20	4	4	4	4				
32	1	26014-100202	BOLT, M10X 20	4	4	4	4				
33	1	26051-080002	NUT, M8	8	8	8	8				

Remarks

- (1)Inner parts are shown in Fig.37.
- (2)Attach the No.20A label to this part.
- (3)Not illustrated.

Fig.37. AIR CONDITIONER(CONDENSER : INNER PARTS)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

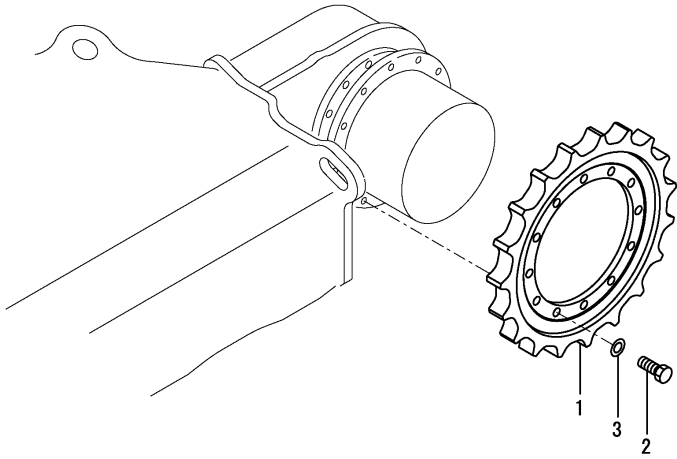
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-19680	CONDENSER ASSY	1	1	1	1				
2	2	172B06-19260	CONDENSER	1	1	1	1				
3	2	172B03-19650	BRACKET ASSY, COND	2	2	2	2				
4	2	172B03-19660	COVER ASSY, COND FAN	1	1	1	1				
5	2	172B03-19670	MOTOR ASSY, FAN	1	1	1	1				
6	2	26106-060162	BOLT, M6X 16 PLATED	4	4	4	4				
7	2	26106-060602	BOLT, M6X 60 PLATED	6	6	6	6				
8	2	26366-060002	NUT, M6	6	6	6	6				

Fig.38. SPROCKET

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

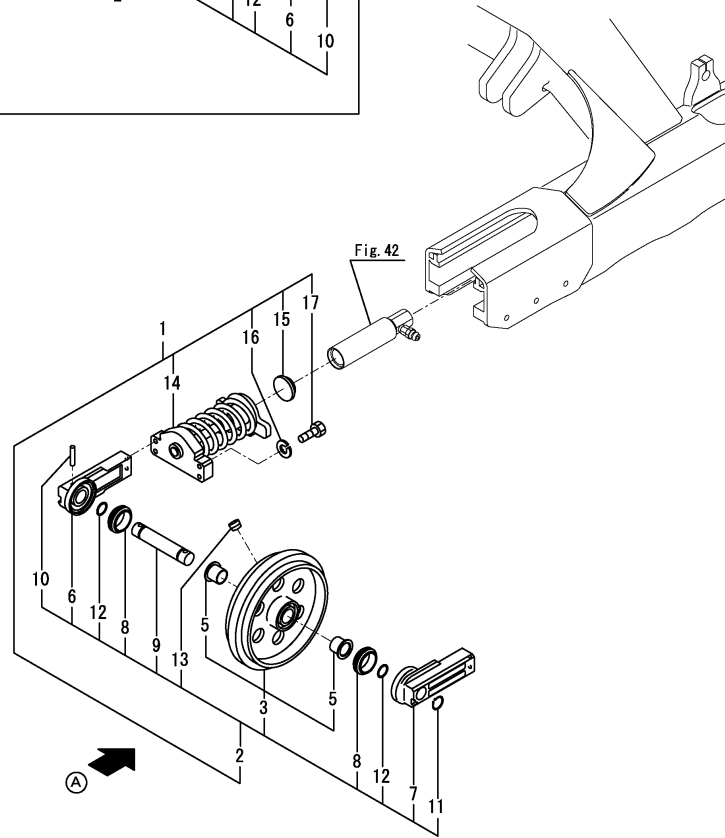
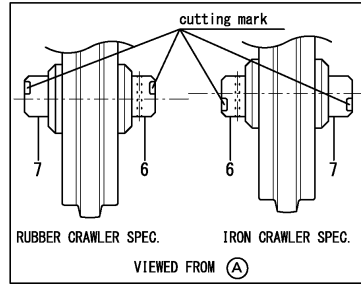
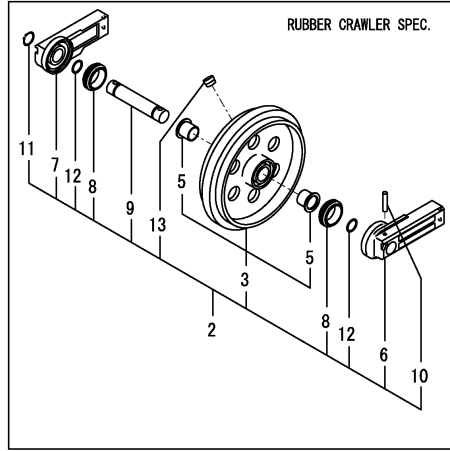


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-29100	SPROCKET, 19	2	2	2	2				
2	1	172455-29140	BOLT	24	24	24	24				
3	1	172455-29150	WASHER	24	24	24	24				

Fig.39. IDLER & ADJUST

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (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	2	772478-37101-2	IDLER ASSY	2	2	2	2				1
3	3	172478-37101	IDLER ASSY	2	2	2	2				
5	4	172478-37121	BUSH, IDLER	4	4	4	4				
6	3	172478-37141	SEAL COVER A, IDLER	2	2	2	2				
7	3	172478-37151	SEAL COVER B, IDLER	2	2	2	2				
8	3	172455-37160	SEAL, FLOATING	4	4	4	4				
9	3	172455-37170	SHAFT, IDLER	2	2	2	2				
10	3	172455-37180	PIN, SPRING	2	2	2	2				
11	3	22242-000400	RING, 40	2	2	2	2				
12	3	24311-000380	O-RING, 1AP38.0	4	4	4	4				
13	3	933171-13691	PLUG	2	2	2	2				
14	2	172187-37700-3	ADJUSTER ASSY	2	2	2	2				
15	2	172162-37810	PLATE, ADJUSTER	2	2	2	2				
16	2	22217-140000	WASHER, SPRING 14	8	8	8	8				
17	2	26116-140602	BOLT, M14X 60 PLATED	8	8	8	8				

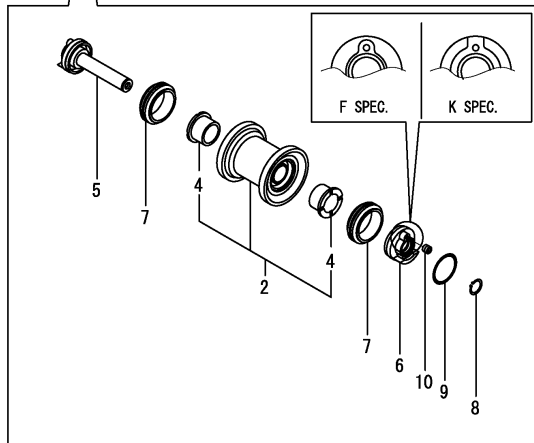
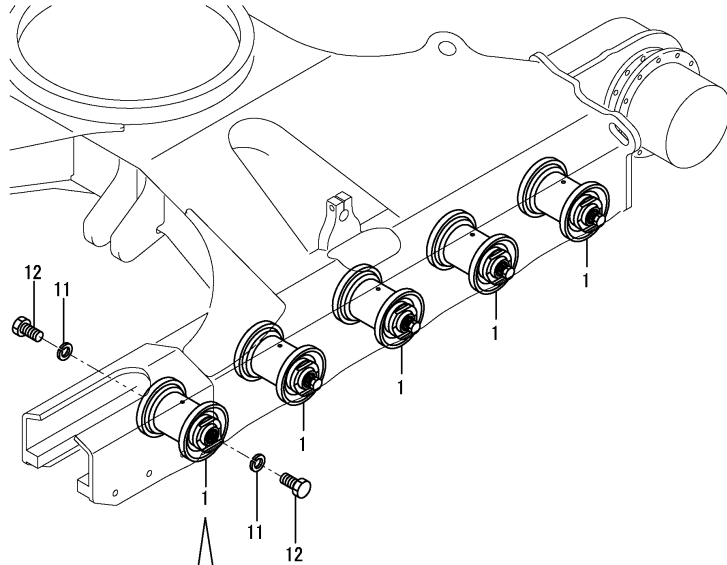
Remarks

(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.

Fig.40. TRACK ROLLER(F SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



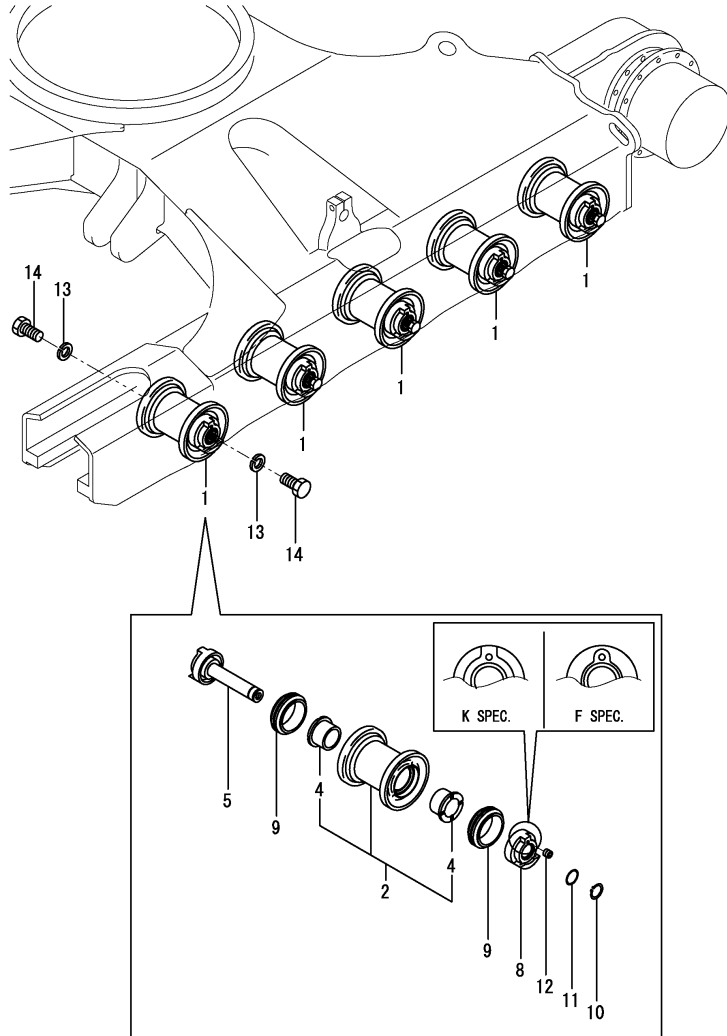
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-37303	ROLLER ASSY, LOWER	10	10	10	10			Z	1
		(A=*2014.04) (B=*2014.04) (C=*2014.04) (D=*2014.04)									
2	2	172478-37313	ROLLER ASSY	10	10	10	10				
4	3	172478-37400	BUSH 40X40	20	20	20	20				
5	2	172478-37343	SHAFT ASSY	10	10	10	10				
6	2	172478-37373	SEAL,COVER B	10	10	10	10				
7	2	172478-37380	SEAL, FLOATING	20	20	20	20				
8	2	22242-000380	RING, 38	10	10	10	10				
9	2	24311-000340	O-RING, 1AP34.0	10	10	10	10				
10	2	933171-13691	PLUG	10	10	10	10				
11	1	22217-200000	WASHER, SPRING 20	20	20	20	20				
12	1	26076-200409	BOLT, 10.920X 40	20	20	20	20				

Remarks
 (1)Replacement with Fig.160(40A) No1.
 The inner parts are not compatible.

Fig.161. (40A)TRACK ROLLER(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

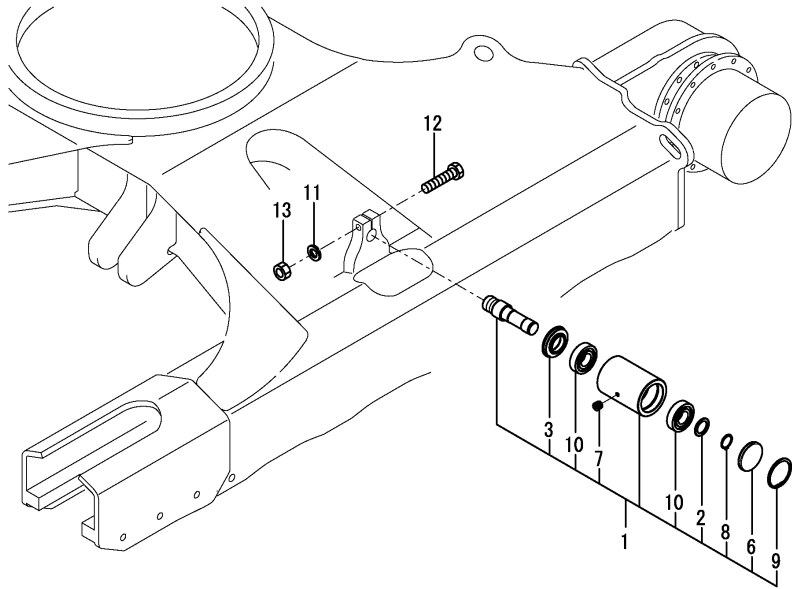
(D)=VIO80-1(BR)
 (E)=
 (F)=



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

Remarks
 (1)Track roller(f spec.) are shown in Fig.40.
 The inner parts are not compatible.

Fig.41. CARRIER ROLLER



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

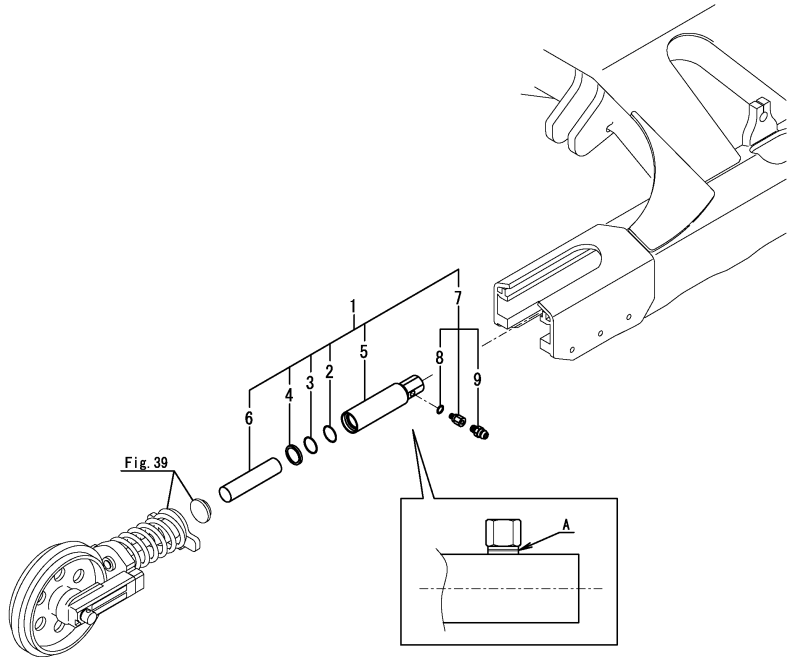
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-37501	ROLLER ASSY, CARRIER	2	2	2	2				
2	2	172499-37610	COLLAR, 35 50 3	2	2	2	2				
3	2	172499-37600	SEAL,OIL45 85 8.5 19	2	2	2	2				
6	2	172A89-37530	PLUG, BORE 72	2	2	2	2				
7	2	933171-13691	PLUG, PT1/8	2	2	2	2				
8	2	22242-000350	RING, 35	2	2	2	2				
9	2	22252-000720	RING, 72	2	2	2	2				
10	2	24101-062074	BEARING, BALL 6207	4	4	4	4				
11	1	22217-160000	WASHER, SPRING 16	2	2	2	2				
12	1	26116-160852	BOLT, M16X 85 PLATED	2	2	2	2				
13	1	26716-160002	NUT, M16	2	2	2	2				

Fig.42. CRAWLER ADJUST(Y SPEC.)(TO M11623)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772162-37770 (A=M11624)	CYLINDER ASSY (B=M11624) (C=M11624) (D=M11624)	2	2	2	2			Z	1
2	2	198072-17440	O-RING, 55.0	2	2	2	2				
3	2	172478-37710	RING, BUCK UP	2	2	2	2				
4	2	172478-37720	SEAL, DUST	2	2	2	2				
5	2	172162-37770	TUBE ASSY, ADJUST	2	2	2	2				
6	2	172162-37800	PISTON	2	2	2	2				
7	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2				
8	3	24315-000140	O-RING, 1BP14.0	2	2	2	2				
9	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				

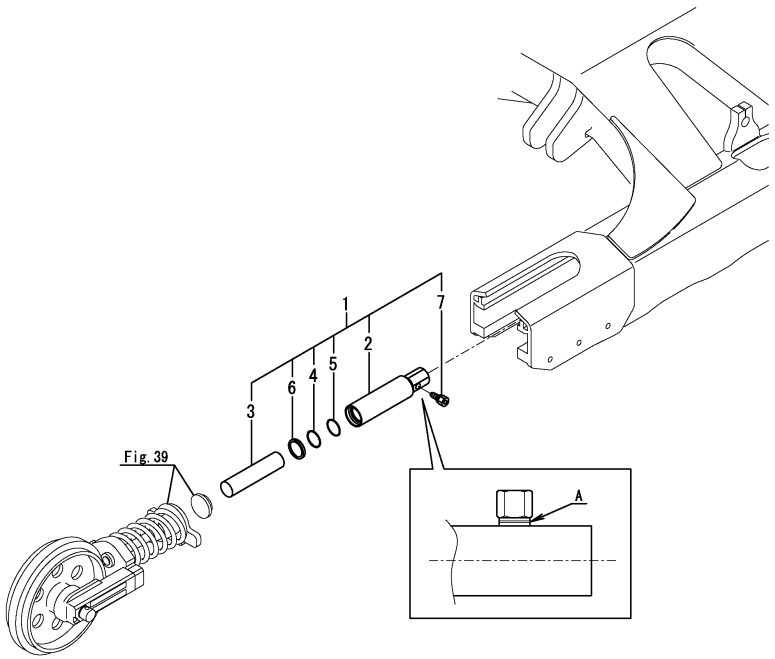
Remarks

* A : Y specifications have a slit for the identification.
 S specifications do not have a slit for the identification.
 S specifications are shown in Fig.193(42A).
 (1)Interchangeable by Fig.193(42A) No.1.
 The inner parts are not compatible.

Fig.193. (42A)CRAWLER ADJUST(S SPEC.)(FROM M11624)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



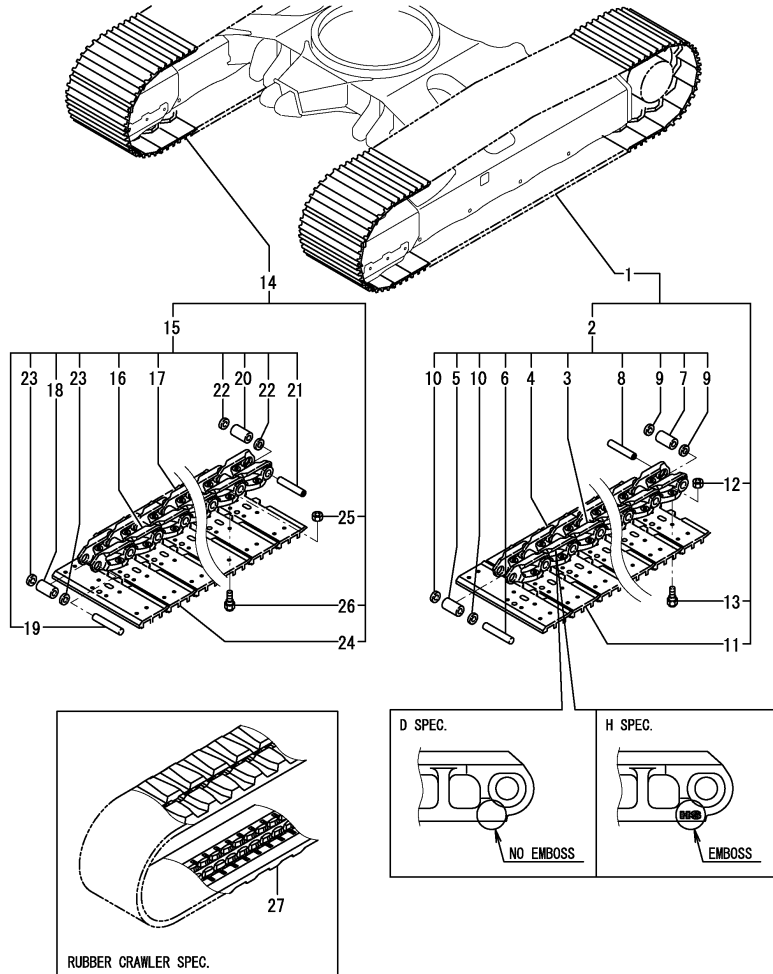
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-37750 (A=M11624) (B=M11624)	CYLINDER ASSY, ADJUS (C=M11624) (D=M11624)	2	2	2	2				W
2	2	172B11-37760	TUBE ASSY,ADJUST	2	2	2	2				
3	2	172B11-37790	PISTON	2	2	2	2				
4	2	172B11-37800	RING, BACK UP	2	2	2	2				
5	2	172B11-37810	SEAL, ISI 55X65X6	2	2	2	2				
6	2	172B11-37820	SEAL, DUST55X69X11	2	2	2	2				
7	2	172B06-37951	NIPPLE,VALVE	2	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.42.
 The inner parts are not compatible.

Fig.43. RUBBER CRAWLER & IRON CRAWLER(H SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-38100	SHOE ASSY, TRACK 450	1	1	1	1			Z	1
		(A=M1F023) (B=M1F023) (C=M1F023) (D=M1F023)									
2	2	172A89-38120	LINK ASSY	1	1	1	1				
3	3	172A89-38180	LINK, TRACK L	39	39	39	39				
4	3	172A89-38190	LINK, TRACK R	39	39	39	39				
5	3	172A89-38220	BUSH, TRUCK	38	38	38	38				
6	3	172A89-38230	PIN, TRUCK	38	38	38	38				
7	3	172A89-38240	BUSH, MASTER	1	1	1	1				
8	3	172A89-38250	PIN, MASTER	1	1	1	1				
9	3	172A89-38260	COLLAR	2	2	2	2				
10	3	172A89-38280	SEAL	76	76	76	76				
11	2	172A89-38130	SHOE, TRUCK 450 L(49)	39	39	39	39				
12	2	172A89-38160	NUT, SHOE	156	156	156	156				
13	2	172A89-38170	BOLT, SHOE	156	156	156	156				
14	1	172A89-38110	SHOE ASSY, TRACK 450	1	1	1	1			Z	2
		(A=M1F023) (B=M1F023) (C=M1F023) (D=M1F023)									
15	2	172A89-38120	LINK ASSY	1	1	1	1				
16	3	172A89-38180	LINK, TRACK L	39	39	39	39				
17	3	172A89-38190	LINK, TRACK R	39	39	39	39				
18	3	172A89-38220	BUSH, TRUCK	38	38	38	38				
19	3	172A89-38230	PIN, TRUCK	38	38	38	38				
20	3	172A89-38240	BUSH, MASTER	1	1	1	1				
21	3	172A89-38250	PIN, MASTER	1	1	1	1				
22	3	172A89-38260	COLLAR	2	2	2	2				
23	3	172A89-38280	SEAL	76	76	76	76				
24	2	172A89-38140	SHOE, TRUCK 450 R(49)	39	39	39	39				
25	2	172A89-38160	NUT, SHOE	156	156	156	156				
26	2	172A89-38170	BOLT, SHOE	156	156	156	156				
27	1	172455-38601	CRAWLER, RUBBER	2	2	2	2				

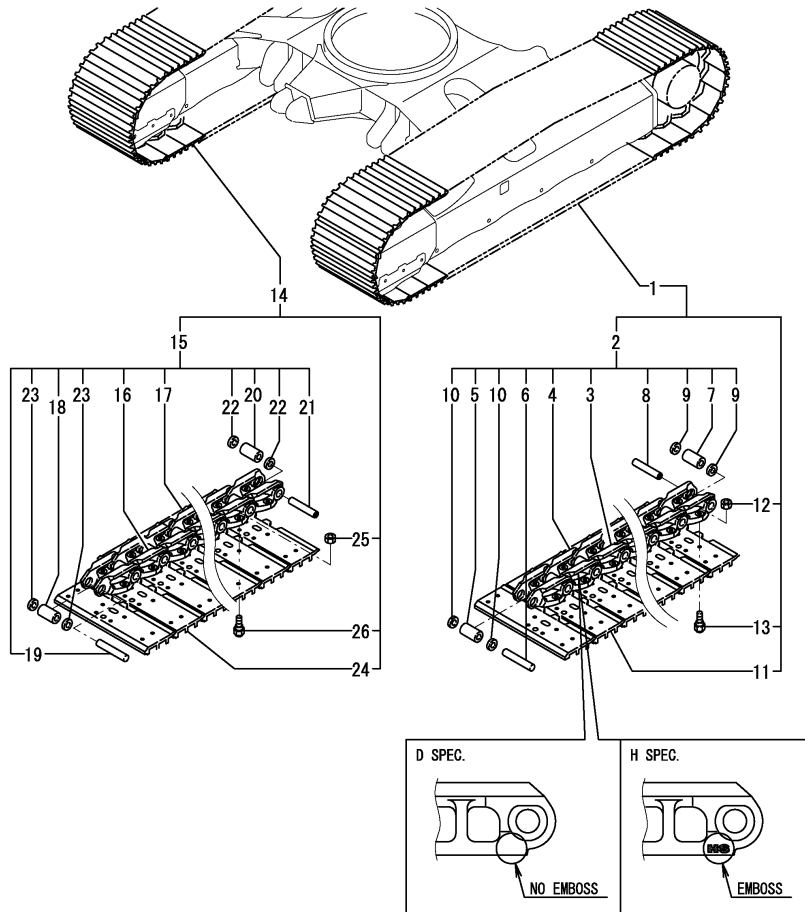
Remarks

- (1) Replacement with Fig.200(43A) No1.
The inner parts are not compatible.
- (2) Replacement with Fig.200(43A) No14.
The inner parts are not compatible.

Fig.200. (43A)IRON CRAWLER(D SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-38100	SHOE ASSY,TRACK 450L (A=M1F023) (B=M1F023) (C=M1F023) (D=M1F023)	1	1	1	1				W
2	2	172B11-38120	LINK ASSY	1	1	1	1				
3	3	172B11-38180	LINK, TRACK L	39	39	39	39				
4	3	172B11-38190	LINK, TRACK R	39	39	39	39				
5	3	172B11-38220	BUSH, TRACK	38	38	38	38				
6	3	172B11-38230	PIN, TRACK	38	38	38	38				
7	3	172B11-38240	BUSH, MASTER	1	1	1	1				
8	3	172B11-38250	PIN, MASTER	1	1	1	1				
9	3	172B11-38260	SPACER	2	2	2	2				
10	3	172B11-38280	SEAL, DUCT	76	76	76	76				
11	2	172B11-38130	SHOE, TRACK 450 L	39	39	39	39				
12	2	172B11-38160	NUT, SHOE	156	156	156	156				
13	2	172B11-38170	BOLT, SHOE	156	156	156	156				
14	1	172B11-38110	SHOE ASSY,TRACK 450R (A=M1F023) (B=M1F023) (C=M1F023) (D=M1F023)	1	1	1	1				W
15	2	172B11-38120	LINK ASSY	1	1	1	1				
16	3	172B11-38180	LINK, TRACK L	39	39	39	39				
17	3	172B11-38190	LINK, TRACK R	39	39	39	39				
18	3	172B11-38220	BUSH, TRACK	38	38	38	38				
19	3	172B11-38230	PIN, TRACK	38	38	38	38				
20	3	172B11-38240	BUSH, MASTER	1	1	1	1				
21	3	172B11-38250	PIN, MASTER	1	1	1	1				
22	3	172B11-38260	SPACER	2	2	2	2				
23	3	172B11-38280	SEAL, DUCT	76	76	76	76				
24	2	172B11-38140	SHOE, TRACK 450 R	39	39	39	39				
25	2	172B11-38160	NUT, SHOE	156	156	156	156				
26	2	172B11-38170	BOLT, SHOE	156	156	156	156				

Remarks

* Iron crawler (H specification) are shown in Fig.43.
 The inner parts are not compatible.

Fig.44. CONTROL EQUIPMENT(TRAVEL LEVER)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-45211	LEVER L ASSY,TRACK	1	1	1	1				
2	1	172A69-45251	LEVER R ASSY,TRACK	1	1	1	1				
3	1	172187-45870	GRIP, DRIVE	1	1	1	1				
4	1	172187-45880	GRIP, DRIVE	1	1	1	1				
5	1	22117-040000	WASHER, 4	2	2	2	2				
6	1	26013-100202	BOLT, M10X 20	4	4	4	4				
7	1	26587-040122	SCREW, M4X12	2	2	2	2				

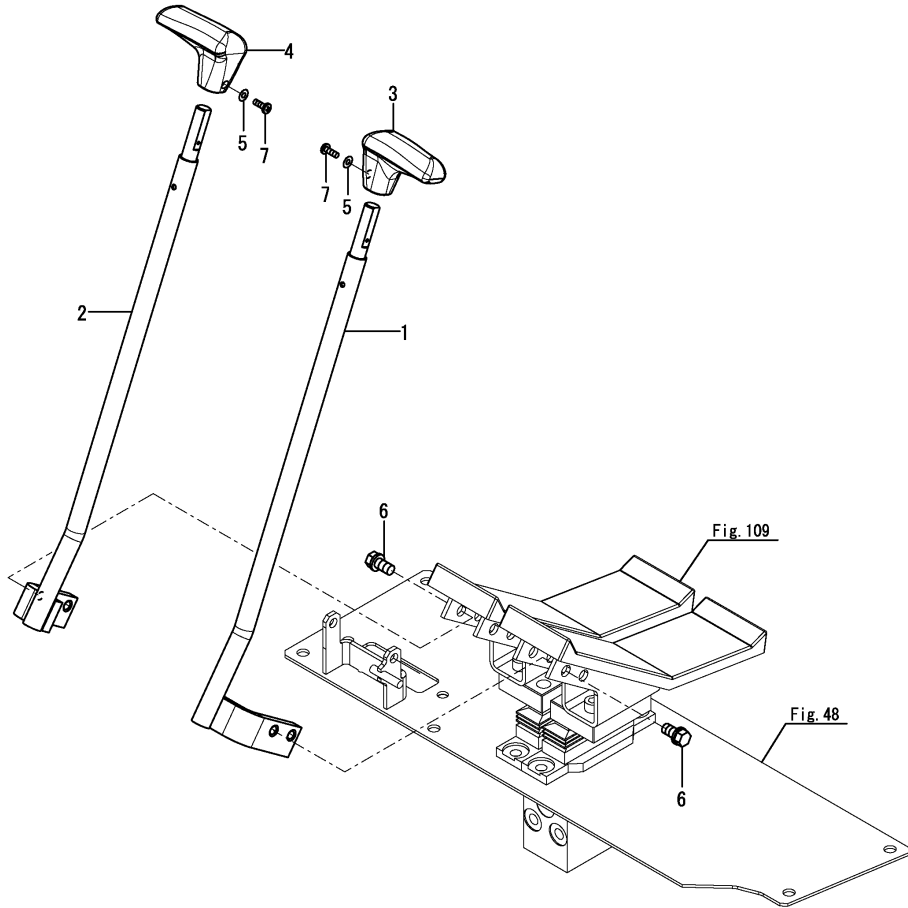
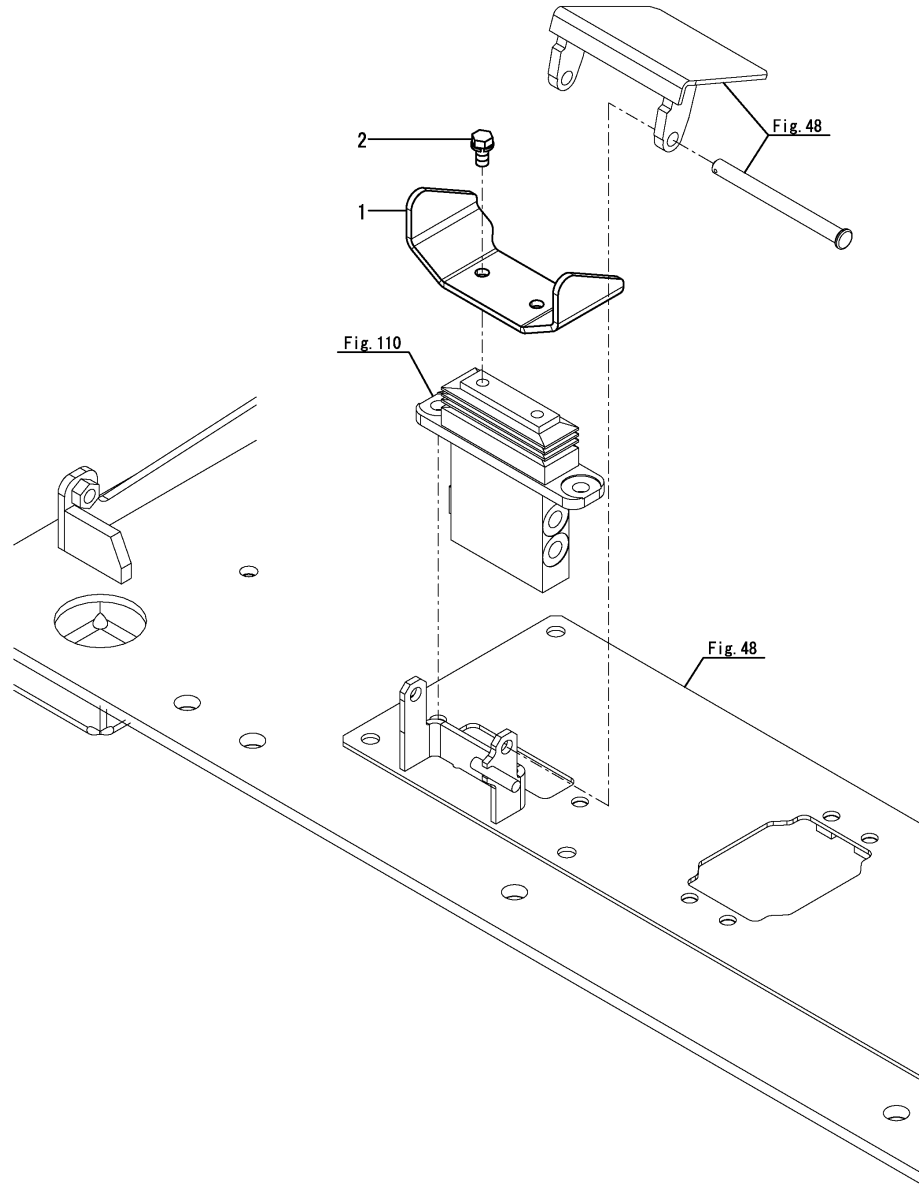


Fig.46. CONTROL EQUIPMENT(SWING PEDAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

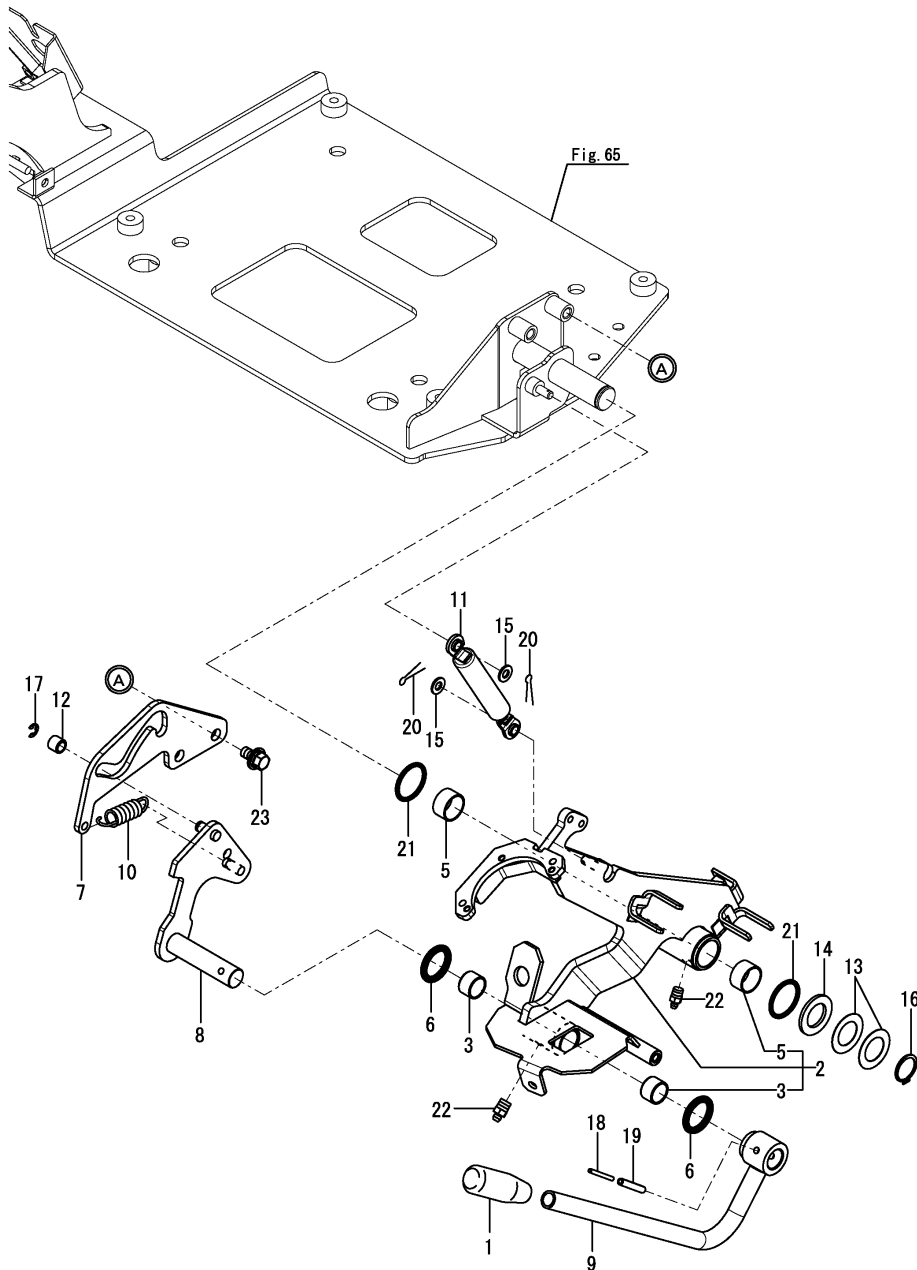


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-45350	PEDAL, SWING	1	1	1	1				
2	1	26013-080162	BOLT, M8X 16	2	2	2	2				

Fig.47. CONTROL EQUIPMENT(LOCK LEVER & LEVER STAND)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-46050	GRIP	1	1	1	1				
2	1	172A69-46101	STAND ASSY, LEVER	1	1	1	1				
3	2	172141-41370	BUSH	2	2	2	2				
5	2	24550-025150	BUSH, 25X15	2	2	2	2				
6	1	172124-46200	O-RING	2	2	2	2				
7	1	172A69-46210	GUIDE, LOCK	1	1	1	1				
8	1	172A69-46220	ROD ASSY, SPRING	1	1	1	1				
9	1	172A69-46251	LEVER ASSY, LOCK	1	1	1	1				
10	1	172A69-46270	SPRING	1	1	1	1				
11	1	172455-46890	SPRING, GAS	1	1	1	1				
12	1	172165-47550	BUSH	1	1	1	1				
13	1	172165-47980	SHIM	2	2	2	2				
14	1	172165-47990	WASHER	1	1	1	1				
15	1	22137-080000	WASHER, 8	2	2	2	2				
16	1	22242-000250	RING, 25	1	1	1	1				
17	1	22272-000070	RING, E- 7	1	1	1	1				
18	1	22351-035040	PIN, SPRING 3.5X40	1	1	1	1				
19	1	22351-060040	PIN, SPRING 6.0X40	1	1	1	1				
20	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
21	1	24311-000340	O-RING, 1AP34.0	2	2	2	2				
22	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
23	1	26014-100202	BOLT, M10X 20	2	2	2	2				

Fig.48. CONTROL EQUIPMENT(PEDAL STAND)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-45651	SHAFT	1	1	1	1				
2	1	172187-45720-2	COVER, PEDAL	1	1	1	1				
3	1	172187-45760	PAD	1	1	1	1				
4	1	172A69-45800	PLATE, PEDAL	1	1	1	1				
5	1	22137-100000	WASHER, 10	1	1	1	1				
6	1	22417-250200	PIN, COTTER 2.5X20	1	1	1	1				
7	1	26013-100252	BOLT, M10X 25	6	6	6	6				

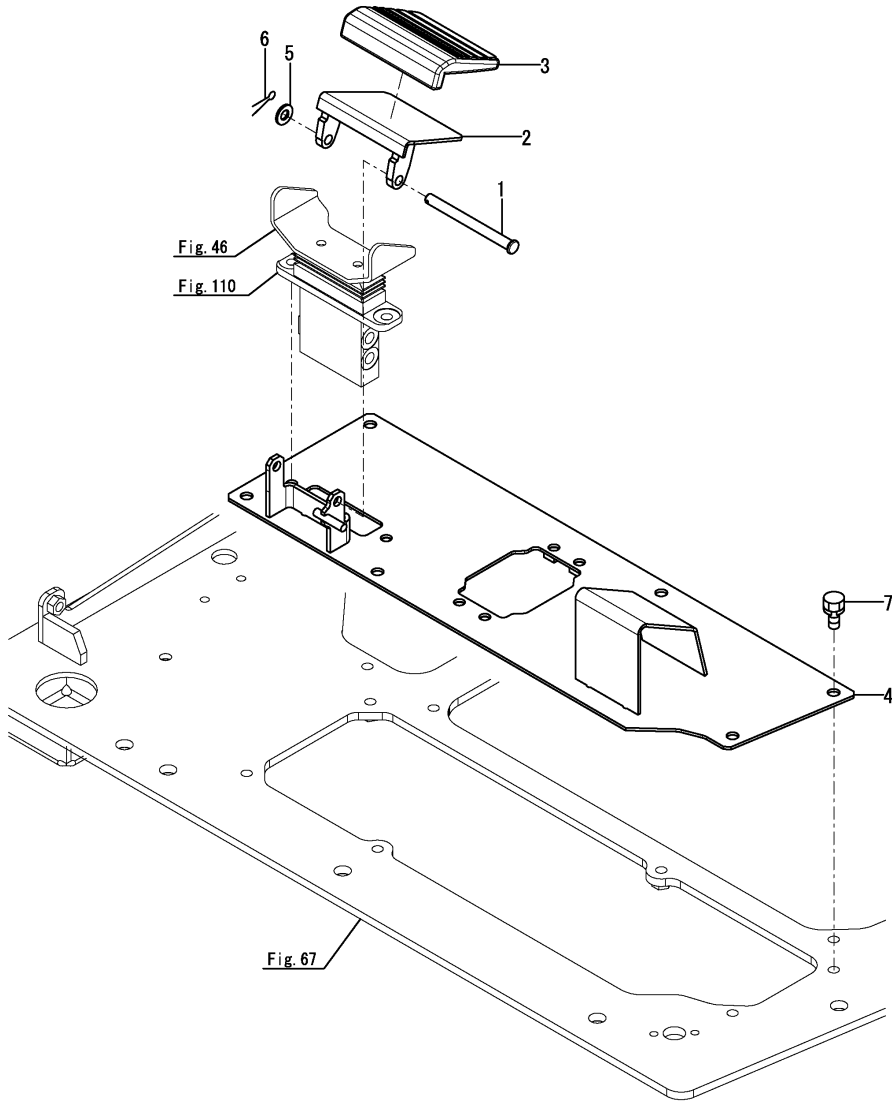
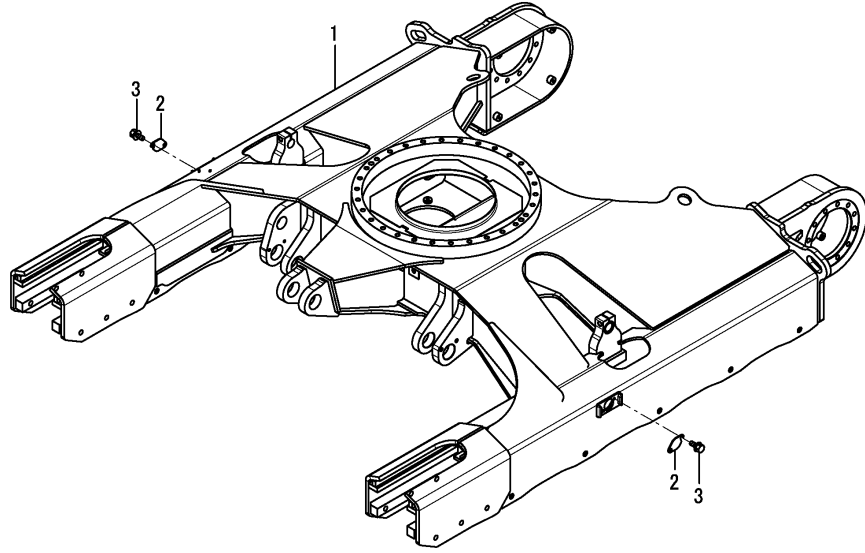


Fig.50. TRAVEL FRAME

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

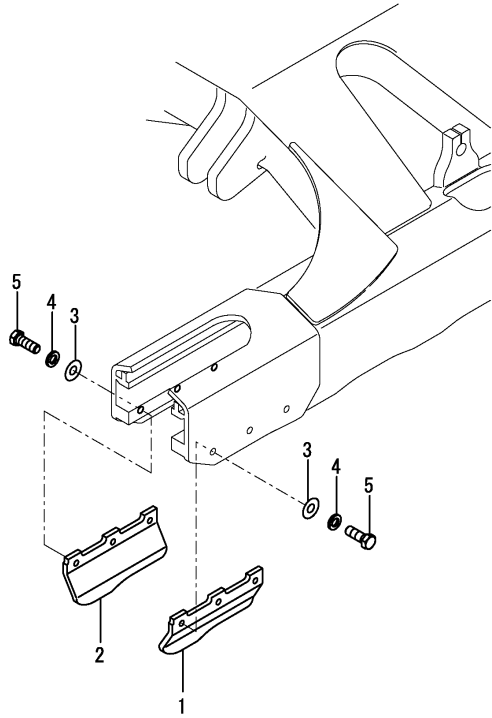


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-50100	FRAME ASSY, LOWER	1	1	1	1				
2	1	172458-50480-2	COVER, FRAME	2	2	2	2				
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4	4				

Fig.51. CRAWLER GUARD

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-50801-3	PLATE, GUARD	2	2	2	2				
2	1	172187-50811-3	PLATE, GUARD	2	2	2	2				
3	1	22137-160000	WASHER, 16	12	12	12	12				
4	1	22217-160000	WASHER, SPRING 16	12	12	12	12				
5	1	26116-160402	BOLT, M16X 40 PLATED	12	12	12	12				

Fig.52. COUNTER WEIGHT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-53300	WEIGHT ASSY, COUNTER	1	1	1	1				
3	2	172B11-53340	SPONGE, WEIGHT A	1	1	1	1				
4	2	172B11-53350	SPONGE, WEIGHT B	1	1	1	1				
5	2	172B11-53360	SPONGE, WEIGHT C	1	1	1	1				
6	2	172B11-53370	SPONGE, WEIGHT D	1	1	1	1				
7	2	172B11-53380	SPONGE, WEIGHT E	1	1	1	1				
8	1	172187-53321	WASHER	4	4	4	4				
9	1	172455-53331	BOLT	4	4	4	4				
10	1	172456-53700	GROMMET	2	2	2	2				

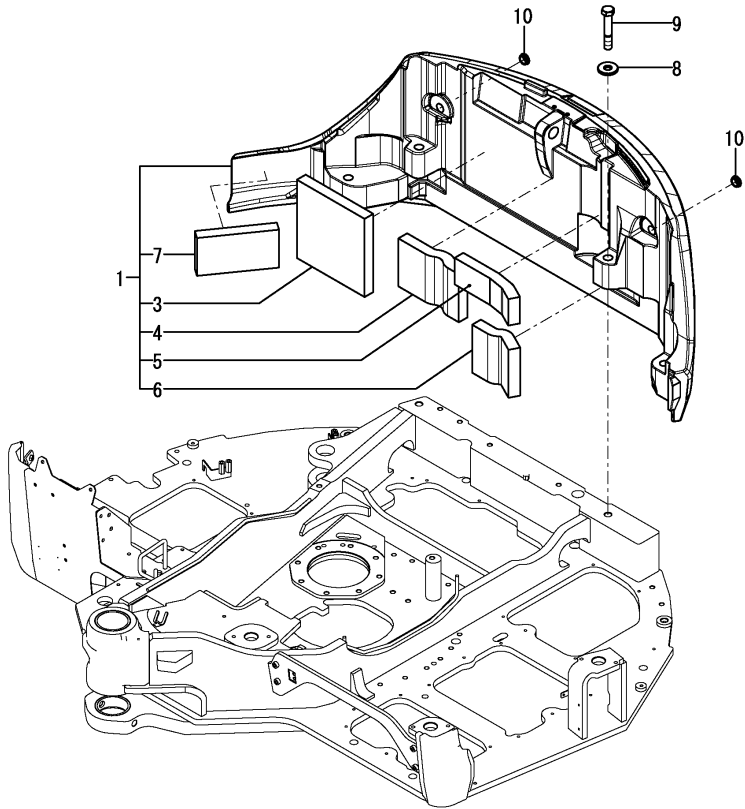


Fig.53. TURNING FRAME

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-54100	FRAME ASSY, TURNING	1	1	1	1				
3	2	172A89-54500	BUSH 100X100	1	1	1	1				
4	2	172187-54760	BUSH	1	1	1	1				

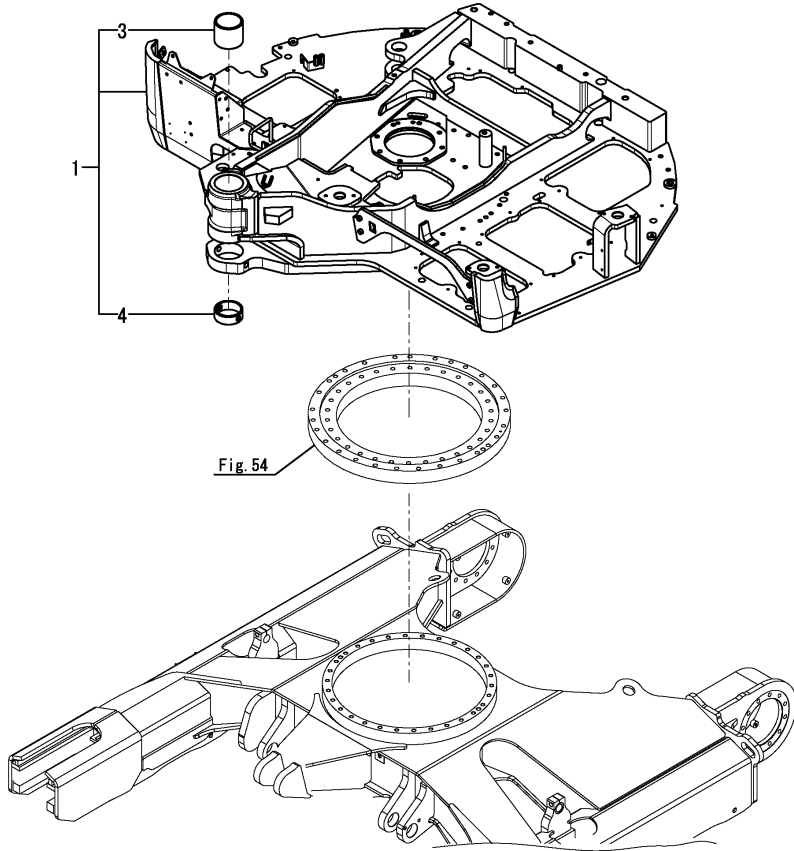


Fig. 54

Fig.54. TURNING BEARING

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-57600	BEARING ASSY,SWING	1	1	1	1				
3	2	172A89-57620	SEAL	2	2	2	2				
4	1	172A69-57650	BOLT	30	30	30	30				
5	1	172162-57660	PIN, PARALLEL	4	4	4	4				
6	1	172A69-57660	BOLT	28	28	28	28				

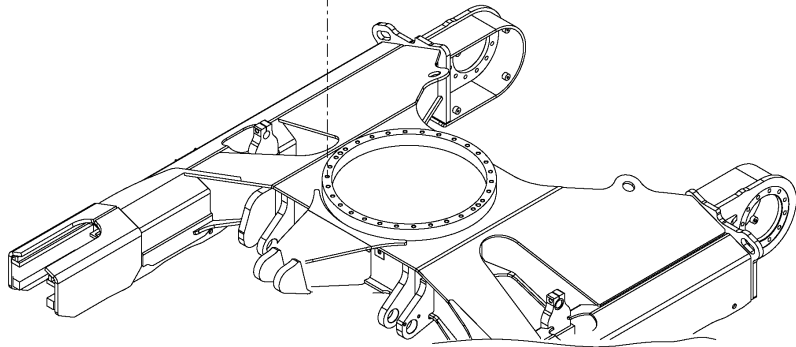
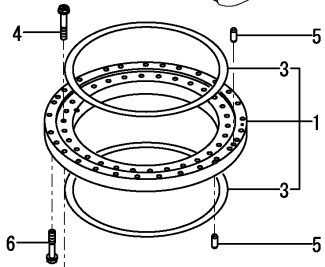
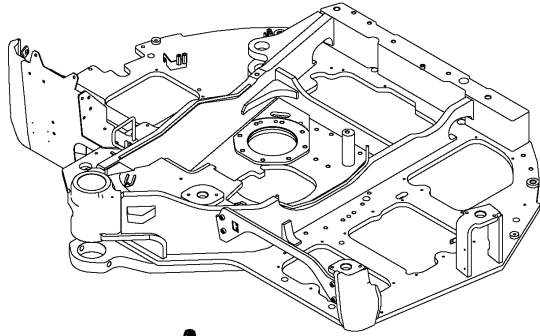
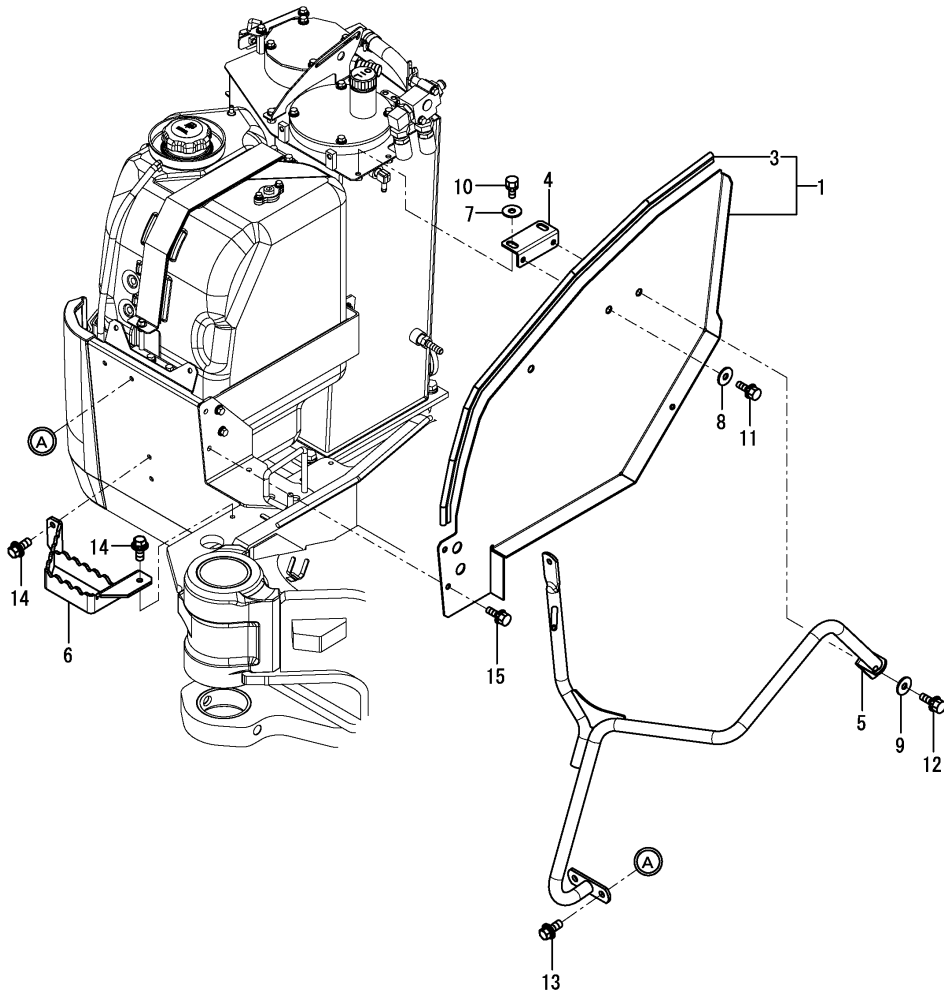


Fig.55. COVER(FUEL TANK SIDE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

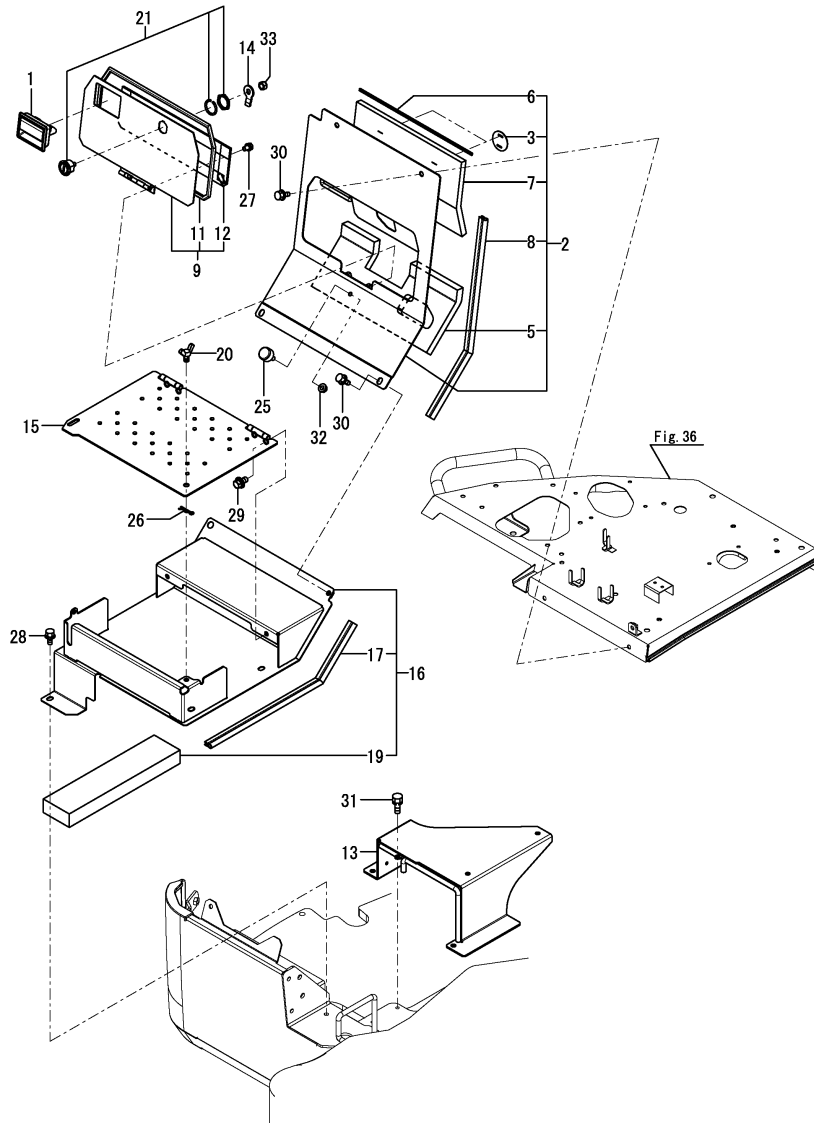


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61600	COVER ASSY,FO	1	1	1	1				
1-1	1	172B11-61601	COVER ASSY,FO	1	1	1	1				N
		(A=M1F103)	(B=M1F103)	(C=M1F103)	(D=M1F103)						
3	2	172B11-61650	SEAL,1060	1	1	1	1				
4	1	172B11-61660	STAY ASSY,COVER	1	1	1	1				
5	1	172B11-61830	GRIP ASSY, MIRROR	1	1	1	1				
6	1	172A69-62050	STEP ASSY	1	1	1	1				
7	1	22157-100000	WASHER, 10	2	2	2	2				
8	1	22157-100000	WASHER, 10	1	1	1	1				
9	1	22157-100000	WASHER, 10	1	1	1	1				
10	1	26013-100252	BOLT, SPRING M10X 25	2	2	2	2				
11	1	26013-100252	BOLT, SPRING M10X 25	1	1	1	1				
12	1	26013-100252	BOLT, SPRING M10X 25	1	1	1	1				
13	1	26014-100252	BOLT, M10X 25	2	2	2	2				
14	1	26014-100252	BOLT, M10X 25	3	3	3	3				
15	1	26014-100252	BOLT, M10X 25	2	2	2	2				

Fig.56. CENTER COVER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61421	HANDLE, LOCK	1	1	1	1				4
1-1	1	172B02-69040	HANDLE, LOCK BLACK	1	1	1	1				S 5
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
2	1	172B11-61680	COVER ASSY, CENTER	1	1	1	1				1
3	2	172B11-18570	PLATE, INSURETOR	2	2	2	2				
5	2	172B11-61720	SPONGE, A COVER	1	1	1	1				
6	2	172B11-61730	SEAL, 385	1	1	1	1				
7	2	172B11-61810	INSULATOR, B	1	1	1	1				
8	2	172A64-64940	SEAL, 560	1	1	1	1				
8A	1	172B03-03390	LABEL, SILENCER EX	1	1	1	1				3
8B	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				3
9	1	172B11-61760	COVER ASSY, ENG	1	1	1	1				2
11	2	172A69-61780	SEAL	1	1	1	1				
12	2	172B11-61820	INSULATOR, G	1	1	1	1				
12A	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1				3
13	1	172A89-61800	BRACKET, COVER (49)	1	1	1	1				
14	1	172B11-61800	PLATE, LOCK	1	1	1	1				
15	1	172A89-61880	COVER ASSY, TOOL BOX	1	1	1	1				
16	1	172A89-61900	BASE, TOOL BOX (49)	1	1	1	1				
17	2	172A69-13690	SEAL	1	1	1	1				
19	2	172A89-61981	EV A, TOOL BOX	1	1	1	1				
20	1	172142-62301	BOLT, WING	1	1	1	1				
21	1	172B03-66170	CYLINDER ASSY, KEY	1	1	1	1				
25	1	172176-67150	RUBBER, STOPPER	1	1	1	1				
26	1	22372-100000	PIN, SNAP 10	1	1	1	1				
27	1	26013-080122	BOLT, SPRING M8X 12	2	2	2	2				
28	1	26014-100202	BOLT, M10X 20	3	3	3	3				
29	1	26014-100202	BOLT, M10X 20	2	2	2	2				
30	1	26014-100202	BOLT, M10X 20	4	4	4	4				
31	1	26014-100202	BOLT, M10X 20	3	3	3	3				
32	1	26051-080002	NUT, M8	1	1	1	1				
33	1	26347-100002	NUT, M10	1	1	1	1				

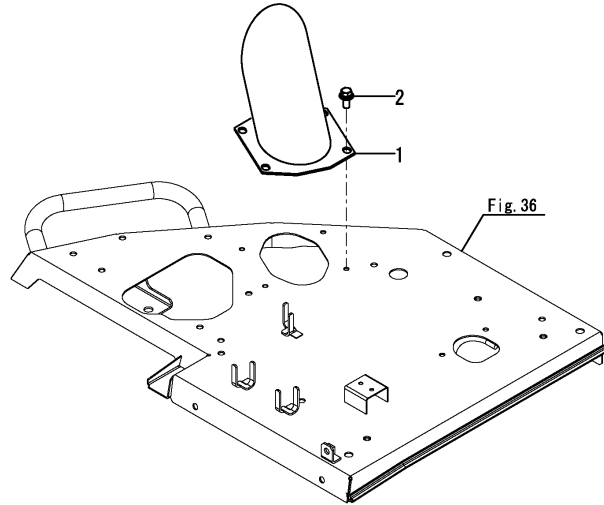
Remarks

- (1) Attach the No.8A & 8B label to this part.
- (2) Attach the No.12A label to this part.
- (3) Not illustrated.
- (4) Color = DARK OLIVE GRAY.
- (5) Color = BLACK.

Fig.57. COVER(TAIL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61960	COVER ASSY, TAIL	1	1	1	1				
2	1	26014-080202	BOLT, M8X 20	4	4	4	4				

Fig.59. COVER(TRAVEL FRAME)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-61500	TRIM	4	4	4	4				
2	1	172187-61500-3	COVER	1	1	1	1				
3	1	172A89-61540	COVER, TRAVEL	2	2	2	2				
4	1	22157-120000	WASHER, 12	4	4	4	4				
5	1	26013-100202	BOLT, M10X 20	8	8	8	8				
6	1	26013-120302	BOLT, M12X 30	4	4	4	4				

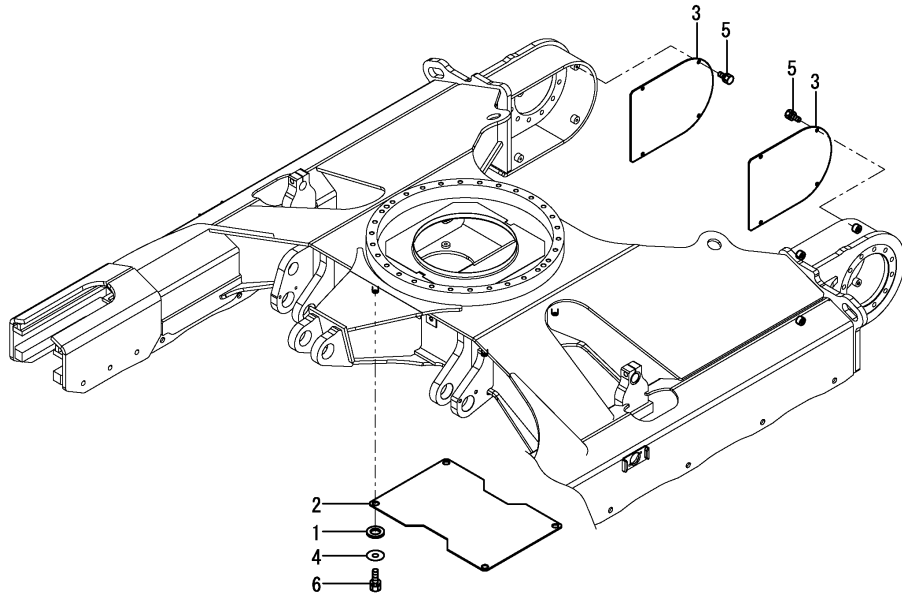
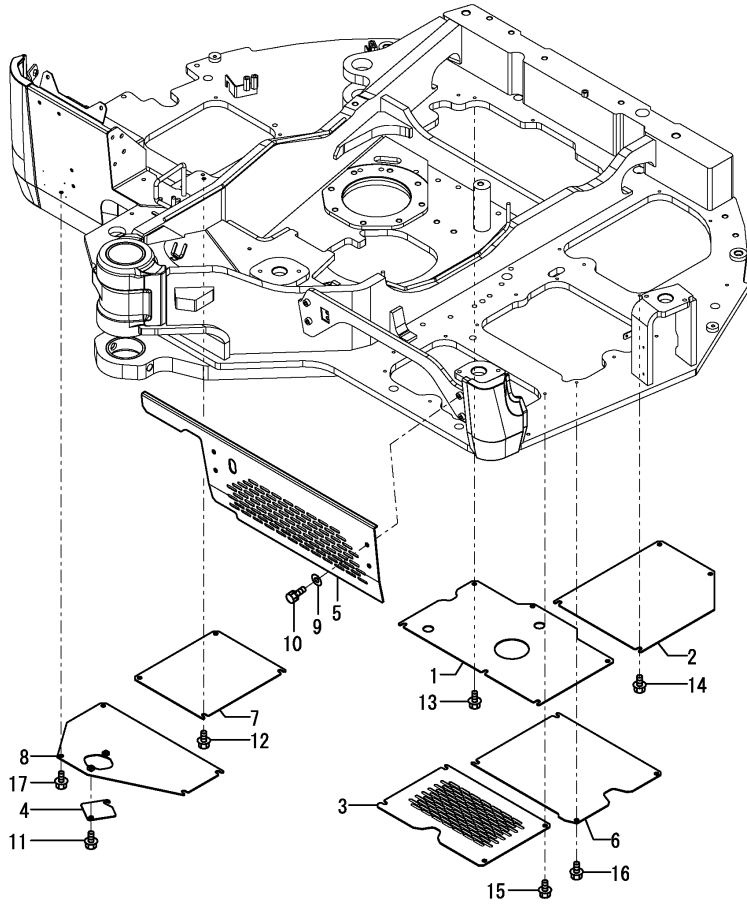


Fig.60. COVER(TURNING FRAME)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

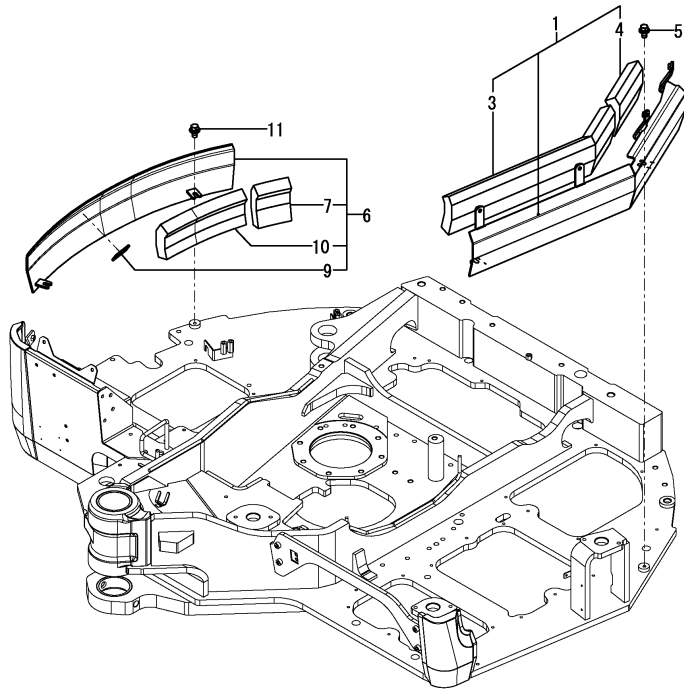


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61500	COVER, OILPAN	1	1	1	1				
2	1	172A89-61510	COVER, PUMP	1	1	1	1				
3	1	172A89-61520-N	COVER, A C/V	1	1	1	1				
4	1	172A89-61530	COVER, DRAIN	1	1	1	1				
5	1	172B11-61550	COVER,FRAME FL	1	1	1	1				
6	1	172A69-61560	COVER	1	1	1	1				
7	1	172A89-61570	COVER, RESERVOIR	1	1	1	1				
8	1	172A89-61580	COVER ASSY, FUEL	1	1	1	1				
8-1	1	172A89-61581	COVER ASSY,FO	1	1	1	1				N
		(A=M1F343)	(B=M1F343)	(C=M1F343)	(D=M1F343)						
9	1	22137-100000	WASHER, 10	4	4	4	4				
10	1	26013-100162	BOLT, SPRING M10X 16	4	4	4	4				
11	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2				
12	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
13	1	26106-100162	BOLT, M10X 16 PLATED	6	6	6	6				
14	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
15	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
16	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
17	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				

Fig.61. FRAME GUARD

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61340	GUARD ASSY,FRAME L	1	1	1	1				1
3	2	172B11-61380	SPONGE, GUARD L A	1	1	1	1				
4	2	172B11-61390	SPONGE, GUARD L B	1	1	1	1				
4A	1	172472-03141	LABEL, SUPPORT	1	1	1	1				3
4B	1	172437-03352	LABEL, CYLINDER	1	1	1	1				3
5	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2	2				
6	1	172B11-61440	GUARD ASSY,FRAME R	1	1	1	1				2
7	2	172B11-61330	SPONGE,MULTI COVER	1	1	1	1				
9	2	172A89-61470	RUBBER, PLATE	1	1	1	1				
10	2	172B11-62020	SPONGE, GUARD R B	1	1	1	1				
10A	1	172437-03352	LABEL, CYLINDER	1	1	1	1				3
11	1	26106-100202	BOLT, M10X 20 PLATED	2	2	2	2				

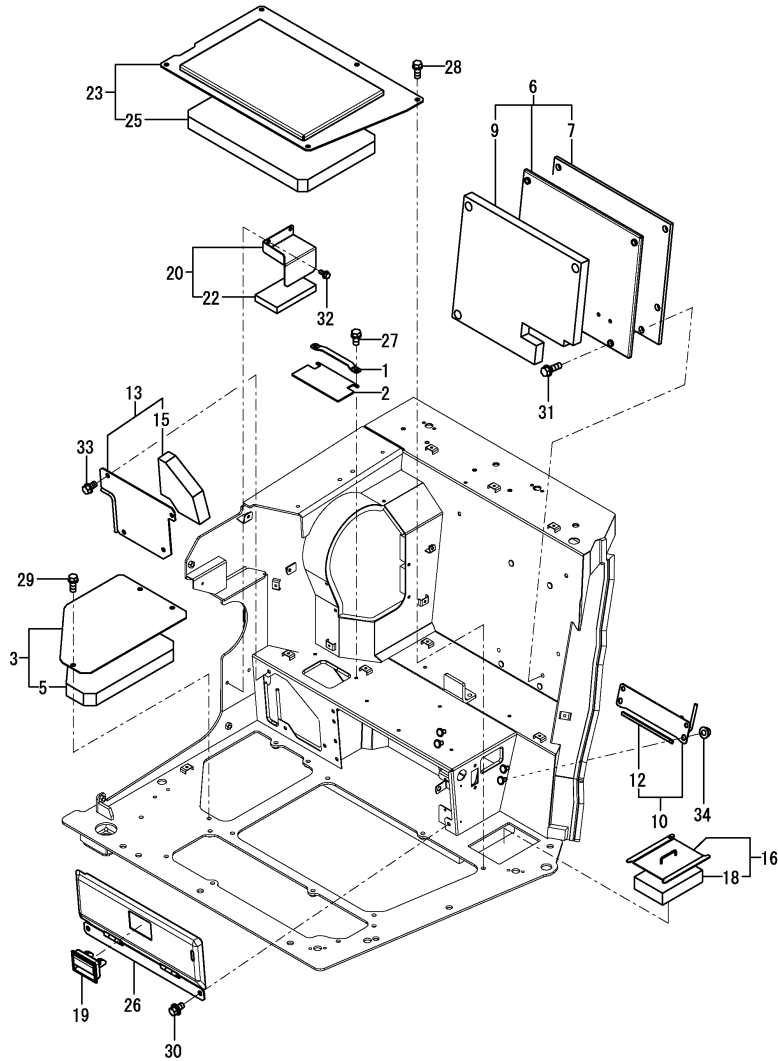
Remarks

- (1)Attach the No.4A & 4B label to this part.
- (2)Attach the No.10A label to this part.
- (3)Not illustrated.

Fig.58. COVER(SEAT MOUNT)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-61010	BRACKET, PLATE	1	1	1	1				
2	1	172A69-61020	PLATE, RUBBER	1	1	1	1				
3	1	172B11-61050	PLATE ASSY	1	1	1	1				
5	2	172B11-61060	SPONGE, PLATE	1	1	1	1				
6	1	172B11-61140	COVER ASSY,SEAT	1	1	1	1				
7	2	172A69-61120	SPONGE	1	1	1	1				
9	2	172B11-61290	SPONGE, COVER REAR	1	1	1	1				
10	1	172B11-61150	COVER ASSY,P HOSE	1	1	1	1				
12	2	172A65-64840	SEAL, 190	1	1	1	1				
13	1	172B11-61240	COVER ASSY,AC HOSE	1	1	1	1				
15	2	172B11-61280	SPONGE,AC HOSE COVER	1	1	1	1				
16	1	172B11-61300	COVER ASSY,MULTI	1	1	1	1				
18	2	172B11-61330	SPONGE,MULTI COVER	1	1	1	1				
19	1	172187-61421	HANDLE, LOCK	1	1	1	1				3
19-1	1	172B02-69040	HANDLE,LOCK BLACK	1	1	1	1				S 4
		(A=M1F001)	(B=M1F001)	(C=M1F001)	(D=M1F001)						
20	1	172B11-61420	COVER ASSY, FLOOR MA	1	1	1	1				
22	2	172B11-61470	SPONGE,MAT COVER	1	1	1	1				
23	1	172B11-62200	STEP ASSY	1	1	1	1				
25	2	172B11-62210	SPONGE, STEP	1	1	1	1				
26	1	172A69-64760	COVER ASSY	1	1	1	1				1
26A	1	172437-03601	LABEL, 2-WAY US	1	1	1	1				2
27	1	26013-080162	BOLT, SPRING M8X 16	2	2	2	2				
28	1	26013-100252	BOLT, SPRING M10X 25	5	5	5	5				
29	1	26013-100252	BOLT, SPRING M10X 25	3	3	3	3				
30	1	26014-100202	BOLT, M10X 20	2	2	2	2				
31	1	26014-100302	BOLT, M10X 30	4	4	4	4				
32	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2				
33	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
34	1	26366-100002	NUT, M10	4	4	4	4				

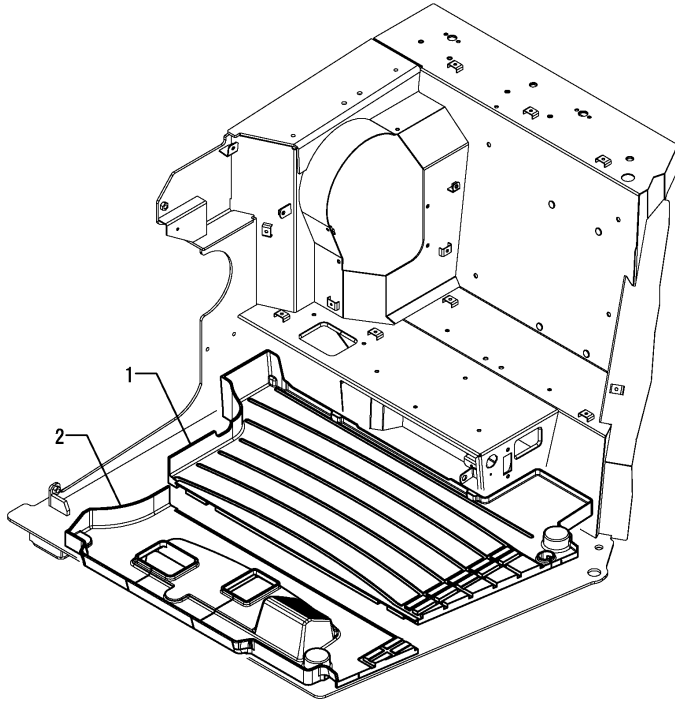
Remarks

- (1)Attach the No.26A label to this part.
- (2)Not illustrated.
- (3)Color = DARK OLIVE GRAY.
- (4)Color = BLACK.

Fig.62. FLOOR MAT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

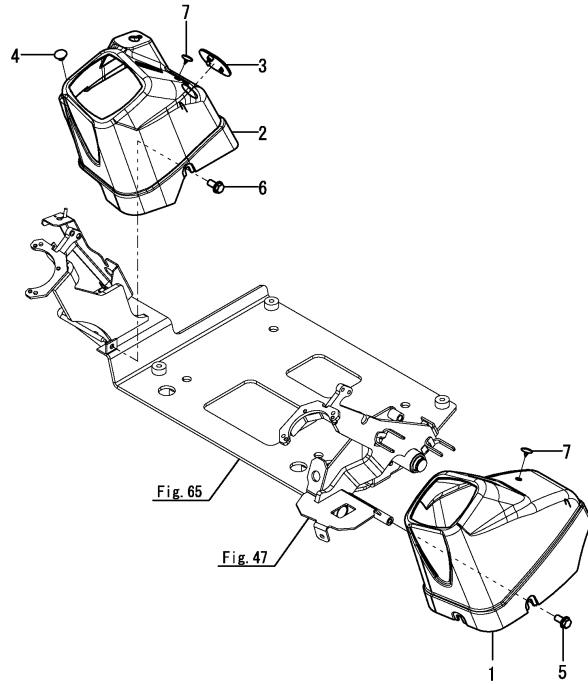


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-62150	FLOOR MAT A	1	1	1	1				
2	1	172A69-62160	MAT, FLOOR	1	1	1	1				

Fig.63. LEVER BOX

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



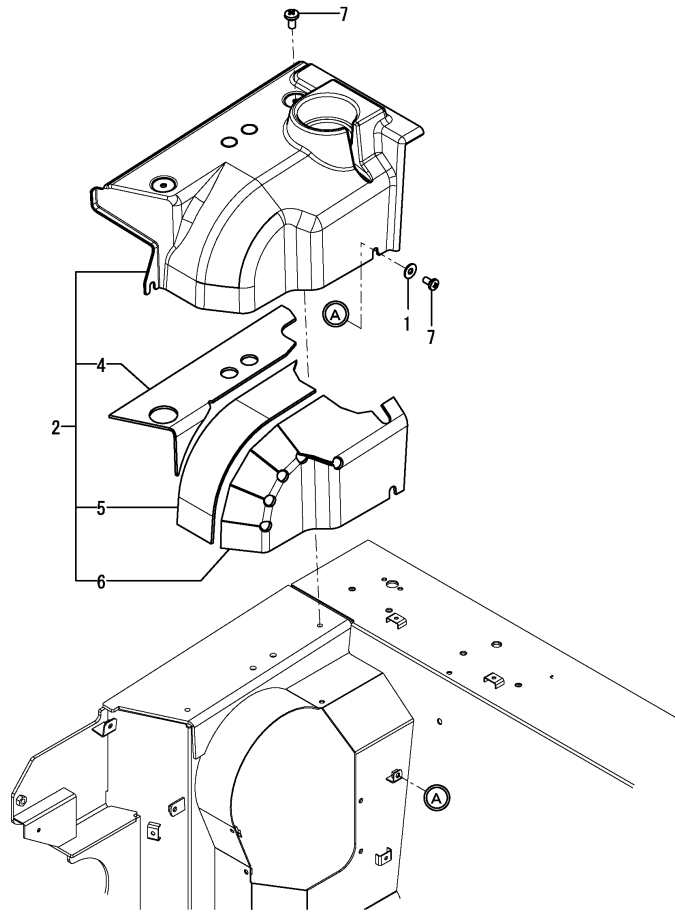
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-63110	BOX, CONTROL L	1	1	1	1				1
1-1	1	172B11-63210	BOX, CONTROL L D	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
2	1	172B11-63120	BOX, CONTROL R	1	1	1	1				1
2-1	1	172B11-63220	BOX, CONTROL R D	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
3	1	172B11-63130	COVER, CONTROL R	1	1	1	1				1
3-1	1	172B11-63230	COVER, CONTROL R D	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
4	1	172187-63160	CLIP	1	1	1	1				
5	1	172519-63240	BOLT	3	3	3	3				
6	1	172519-63240	BOLT	2	2	2	2				
7	1	172176-68210	CLIP, TREE	2	2	2	2				

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

Fig.64. SIDE COVER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62430	WASHER	1	1	1	1				
2	1	172B11-63150	COVER ASSY,SIDE	1	1	1	1				1
2-1	1	172B11-63250	COVER ASSY,SIDE D	1	1	1	1				S 2
4	2	172B11-63170	SHEET,INSULATION A	1	1	1	1				
5	2	172B11-63180	SHEET,INSULATION B	1	1	1	1				
6	2	172B11-63190	SHEET,INSULATION C	1	1	1	1				
7	1	172137-69850	SCREW	3	3	3	3				

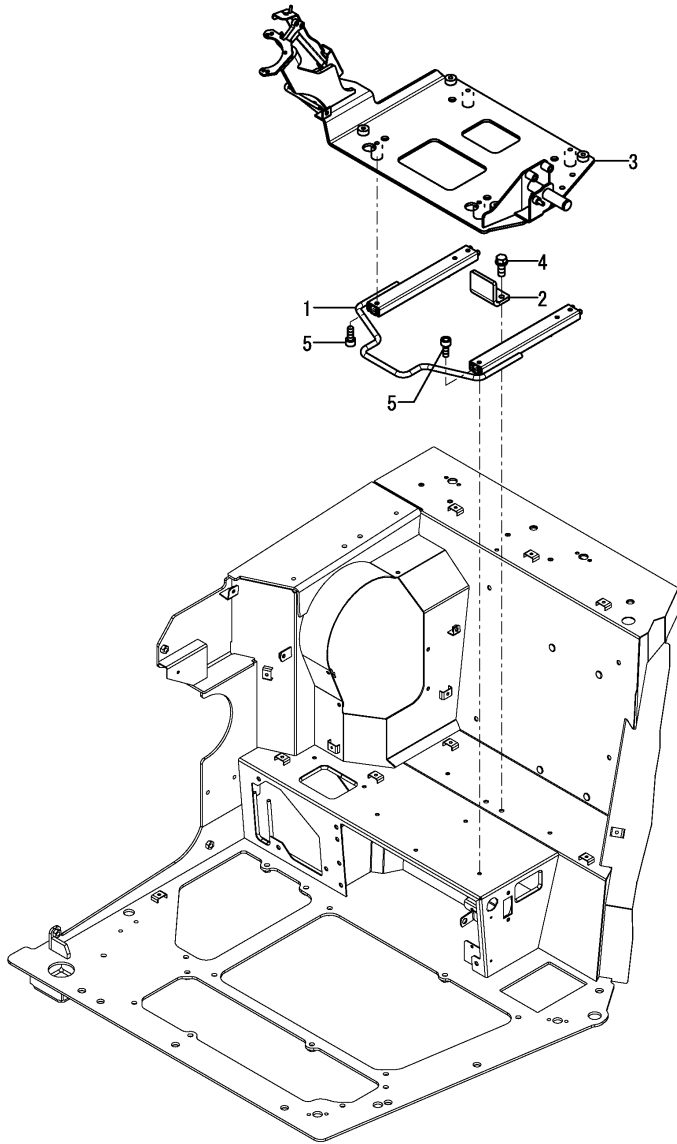
Remarks

- (1)Color = WARM IVORY.
- (2)Color = PANTONE 425C.

Fig.65. SEAT SLIDE

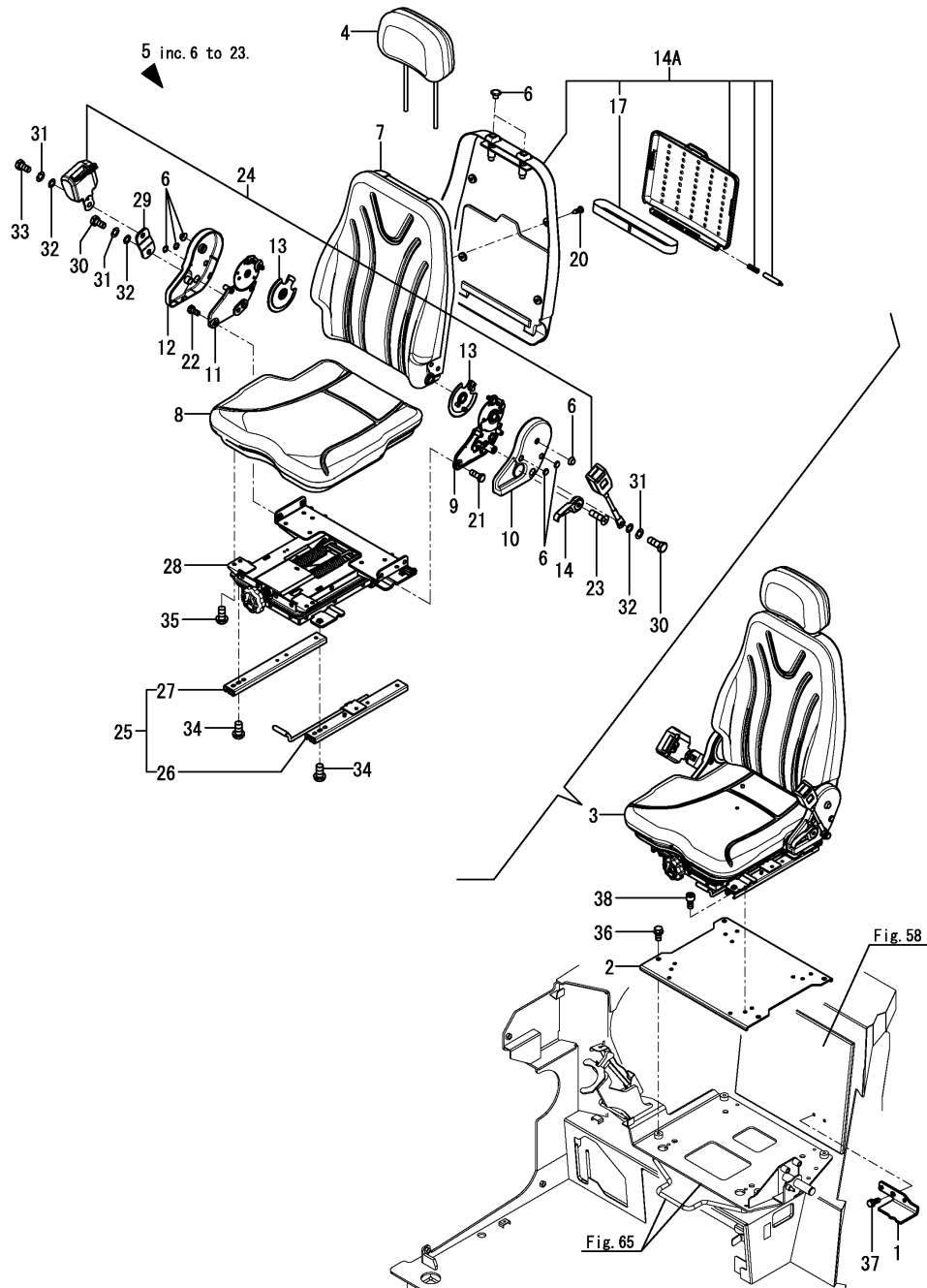
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-64100	SLIDE ASSY, SEAT	1	1	1	1				
2	1	172A69-64740	PLATE, STOPPER	1	1	1	1				
3	1	172B11-64950	FRAME ASSY, SLIDE	1	1	1	1				
4	1	26013-100252	BOLT, M10X 25	2	2	2	2				
5	1	26450-080162	BOLT, M8X 16	8	8	8	8				

Fig.66. SEAT



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

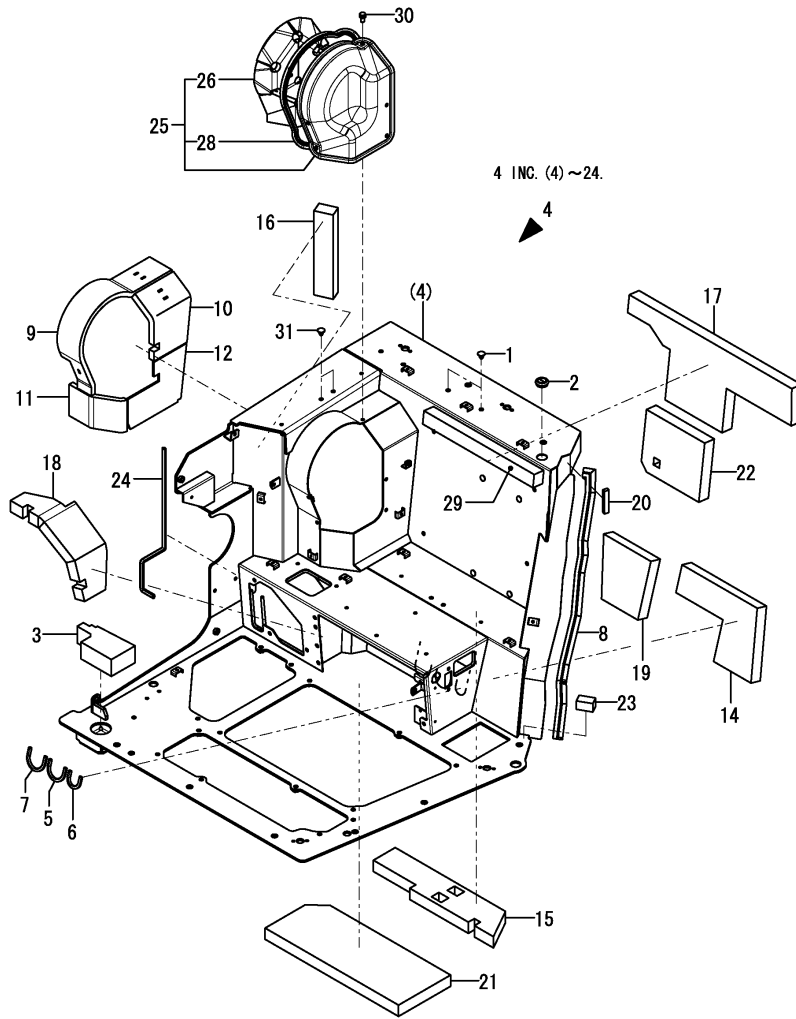
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61080	STOPPER,SEAT	1	1	1	1				
1-1	1	172B11-61130	STOPPER, SEAT	1	1	1	1				N
		(A=M1F215)	(B=M1F215)	(C=M1F215)	(D=M1F215)						
2	1	172A69-64120	PLATE ASSY	1	1	1	1				
3	1	172A69-64800	SEAT ASSY	1	1	1	1				
4	2	172A89-64720	HEADREST	1	1	1	1				
5	2	172A89-64730	SEAT ASSY, OPERATOR	1	1	1	1				
6	3	172A89-64760	CAP ASSY	1	1	1	1				
7	3	172A89-64770	SEAT, OPERATOR	1	1	1	1				
8	3	172A89-64780	SEAT, CUSHION	1	1	1	1				
9	3	172A89-64820	HINGE ASSY	1	1	1	1				
10	3	172A89-64830	COVER	1	1	1	1				
11	3	172A89-64840	HINGE ASSY	1	1	1	1				
12	3	172A89-64850	COVER	1	1	1	1				
13	3	172A89-64870	COVER	2	2	2	2				
14	3	172A89-64880	LEVER	1	1	1	1				
14A	3	172A89-64980	BOX ASSY,MANUAL	1	1	1	1				
17	4	172A89-64950	BAND	1	1	1	1				
20	3	22859-500160	SCREW, 5X16	4	4	4	4				
21	3	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
22	3	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
23	3	26559-050202	SCREW, M5X20	1	1	1	1				
24	2	172A89-64740	SEAT BELT ASSY	1	1	1	1				
25	2	172A89-64750	RAIL ASSY	1	1	1	1				
26	3	172A89-64800	RAIL ASSY, TL	1	1	1	1				
27	3	172A89-64810	RAIL ASSY, TR	1	1	1	1				
28	2	172A89-64790	SEAT, SPRING	1	1	1	1				
29	2	172A89-64860	BRACKET ASSY	1	1	1	1				
30	2	172A89-64890	BOLT	2	2	2	2				
31	2	172A89-64900	SPRING	3	3	3	3				
32	2	172A89-64910	WASHER	3	3	3	3				
33	2	172A89-64920	BOLT	1	1	1	1				
34	2	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4				
35	2	26106-080162	BOLT, M8X 16 PLATED	4	4	4	4				
36	1	26013-100162	BOLT, SPRING M10X 16	4	4	4	4				
36-1	1	26014-100252	BOLT, M10X 25	4	4	4	4				N
		(A=M1F215)	(B=M1F215)	(C=M1F215)	(D=M1F215)						
37	1	26014-080162	BOLT, M8X 16	2	2	2	2				
38	1	26450-080162	BOLT, M8X 16	4	4	4	4				

Fig.67. SEAT MOUNT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

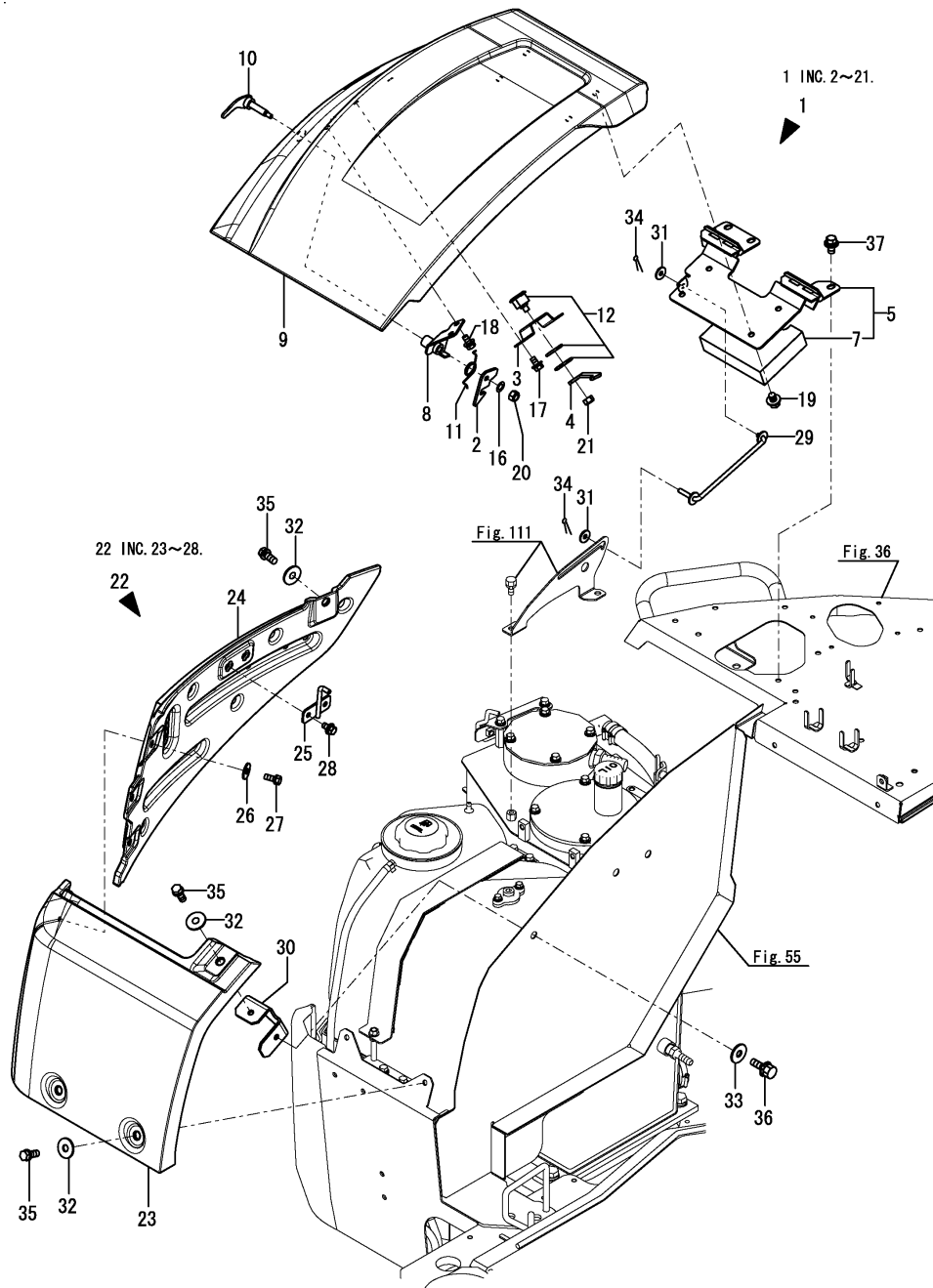


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2	2	2	2				
2	1	172B11-18880	GROMMET,30	1	1	1	1				
3	1	172B11-62250	SPONGE,T60	1	1	1	1				
4	1	172B11-64010	MOUNT ASSY, SEAT T3	1	1	1	1				
5	2	172444-17620	SEAL	1	1	1	1				
6	2	172458-18850	TRIM	1	1	1	1				
7	2	172538-19700	SEAL,135	1	1	1	1				
8	2	172162-61330	SEAL, COVER	1	1	1	1				
9	2	172B11-64020	SPONGE,SEAT MT T3	1	1	1	1				
10	2	172B11-64030	SPONGE,SEAT MT T3	1	1	1	1				
11	2	172B11-64040	INSULATOR,SEAT MT T3	1	1	1	1				
12	2	172B11-64050	INSULATOR,SEAT MT T3	1	1	1	1				
14	2	172B11-64610	SPONGE, SEAT MT	1	1	1	1				
15	2	172B11-64620	SPONGE, SEAT MT	1	1	1	1				
16	2	172B11-64640	SPONGE, SEAT MT	1	1	1	1				
17	2	172B11-64660	SPONGE, SEAT MT	1	1	1	1				
18	2	172B11-64670	SPONGE, SEAT MT	1	1	1	1				
19	2	172B11-64680	SPONGE, SEAT MT	1	1	1	1				
20	2	172A69-64710	SEAL, SEAT MOUNT	1	1	1	1				
21	2	172B11-64820	SPONGE, SEAT MT	1	1	1	1				
22	2	172B11-64830	SPONGE, SEAT MT	1	1	1	1				
23	2	172B11-64860	SEAL,SEAT MT	1	1	1	1				
24	2	172187-66140	RUBBER 580	1	1	1	1				
25	1	172B11-64070	COVER ASSY,SEAT MTT3	1	1	1	1				
26	2	172B11-64080	SPONGE,S/M COVER T3	1	1	1	1				
28	2	172B11-64870	SEAL, 1200	1	1	1	1				
29	1	172B11-64170	CUSHION,SEAT	1	1	1	1				
30	1	26013-080162	BOLT, M8X 16	5	5	5	5				
31	1	172122-17190	CLIP, TREE	2	2	2	2				

Fig.70. BONNET(BODY)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

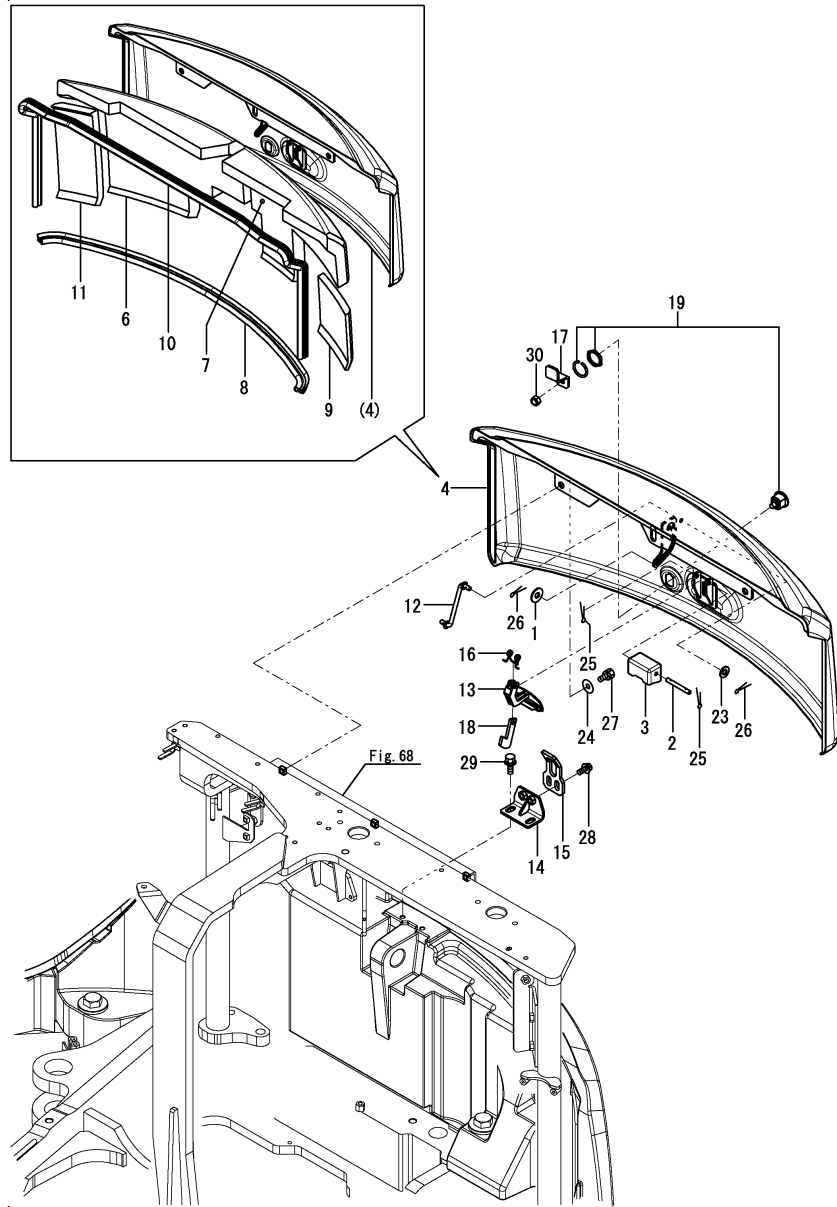


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-62410	BONNET ASSY,U BLACK	1	1	1	1				
2	2	172A69-62280	PLATE, LOCK	1	1	1	1				
3	2	172B03-61960	LOCK,PLATE	1	1	1	1				
4	2	172B11-62290	STAY,KEY	1	1	1	1				
5	2	172B11-62300	PLATE ASSY,HINGE	1	1	1	1				
7	3	172B11-62900	SPONGE,BONNET B	1	1	1	1				
8	2	172A69-62310	HOOK ASSY	1	1	1	1				
9	2	172A69-62420	BONNET	1	1	1	1				
10	2	172A69-62510	LEVER ASSY	1	1	1	1				
11	2	172156-65690	SPRING, STOPPER	1	1	1	1				
12	2	172B03-66170	CYLINDER ASSY, KEY	1	1	1	1				
16	2	22137-080000	WASHER, 8	1	1	1	1				
17	2	26014-080162	BOLT, M8X 16	2	2	2	2				
18	2	26014-080162	BOLT, M8X 16	2	2	2	2				
19	2	26014-100162	BOLT, M10X 16	4	4	4	4				
20	2	26347-080002	NUT, M8	1	1	1	1				
21	2	26347-100002	NUT, M10	1	1	1	1				
22	1	172A69-62430	BONNET ASSY	1	1	1	1				
23	2	172A69-62440	BONNET	1	1	1	1				
24	2	172A69-62450	BONNET	1	1	1	1				
25	2	172A69-62470	BAR ASSY, CATCH	1	1	1	1				
26	2	22157-080000	WASHER, 8	3	3	3	3				
27	2	26013-080202	BOLT, M8X 20	3	3	3	3				
28	2	26014-080162	BOLT, M8X 16	2	2	2	2				
29	1	172A69-62650	ROD ASSY, STOPPER	1	1	1	1				
30	1	172A69-65530	STAY ASSY, BONNET	1	1	1	1				
31	1	22157-080000	WASHER, 8	2	2	2	2				
32	1	22157-100000	WASHER, 10	4	4	4	4				
33	1	22157-100000	WASHER, 10	1	1	1	1				
34	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
35	1	26013-100252	BOLT, M10X 25	4	4	4	4				
36	1	26013-100252	BOLT, M10X 25	1	1	1	1				
37	1	26014-100202	BOLT, M10X 20	3	3	3	3				

Fig.71. BONNET(REAR)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1380-62160	WASHER	1	1	1	1				
2	1	172458-65050	SHAFT	1	1	1	1				
3	1	172458-65060	COVER, LOCK	1	1	1	1				
4	1	172B11-65120	BONNET ASSY,A	1	1	1	1				1
6	2	172B11-65160	SPONGE,BONNET A	1	1	1	1				
7	2	172B11-65170	SPONGE,BONNET A	1	1	1	1				
8	2	172A69-65180	RUBBER, SEAL	1	1	1	1				
9	2	172B11-65180	SPONGE,BONNET A	1	1	1	1				
10	2	172A69-65190	RUBBER, SEAL	1	1	1	1				
11	2	172B11-65190	SPONGE,BONNET A	1	1	1	1				
11A	1	172437-03381	LABEL, SWING AREA	1	1	1	1				2
11B	1	172B03-03390	LABEL,SILENCER EX	1	1	1	1				2
11C	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1				2
11D	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				2
12	1	172444-65190	ROD ASSY, STOPPER	1	1	1	1				
13	1	172187-65210	LEVER ASSY, LOCK	1	1	1	1				
14	1	172B11-65220	BRACKET ASSY, LOCK	1	1	1	1				
15	1	172187-65270	PLATE, CATCH	1	1	1	1				
16	1	172734-65270	SPRING, CATCH	1	1	1	1				
17	1	172B11-65270	PLATE, LOCK	1	1	1	1				
18	1	172124-65480	CATCHER	1	1	1	1				
19	1	172B03-66170	CYLINDER ASSY, KEY	1	1	1	1				
23	1	22137-080000	WASHER, 8	1	1	1	1				
24	1	22157-100000	WASHER, 10	3	3	3	3				
25	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
26	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
27	1	26013-100252	BOLT, M10X 25	3	3	3	3				
28	1	26014-100252	BOLT, M10X 25	2	2	2	2				
29	1	26014-100252	BOLT, M10X 25	2	2	2	2				
30	1	26347-100002	NUT, M10	1	1	1	1				

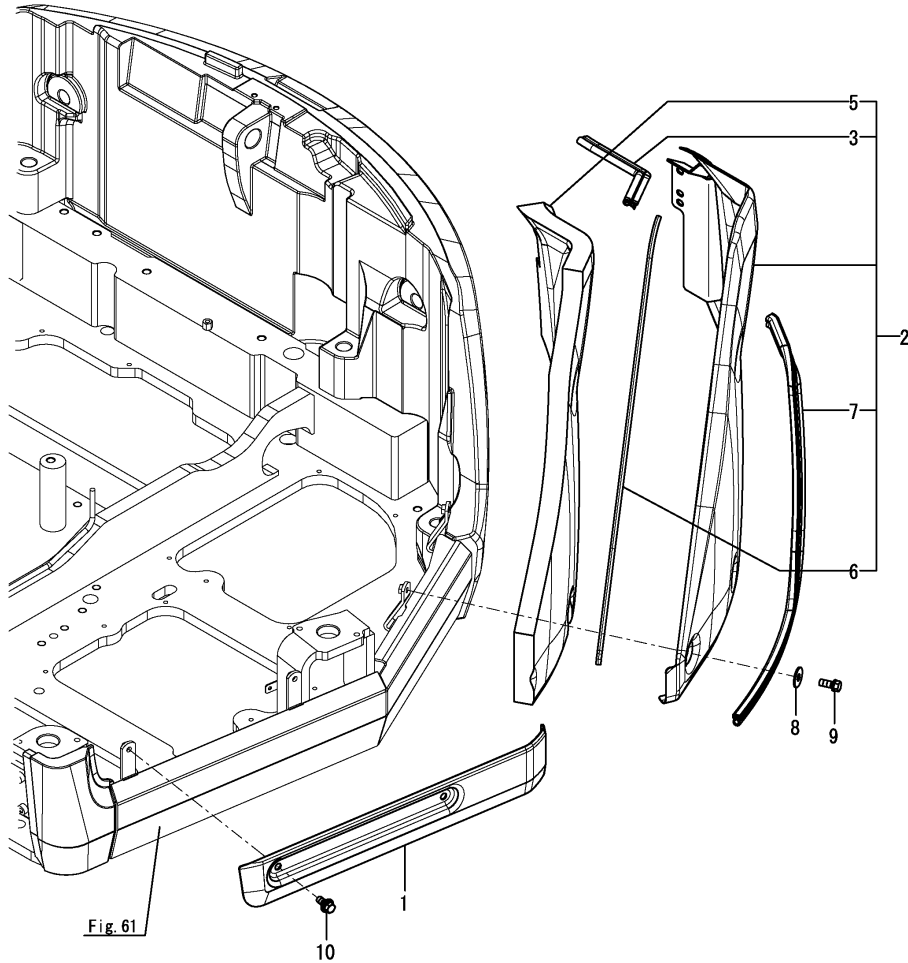
Remarks

- (1)Please use this part with following labels at the same time.
 No.11A, 11B, 11C & 11D.
- (2)Not illustrated.

Fig.72. BONNET(SIDE : LEFT)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

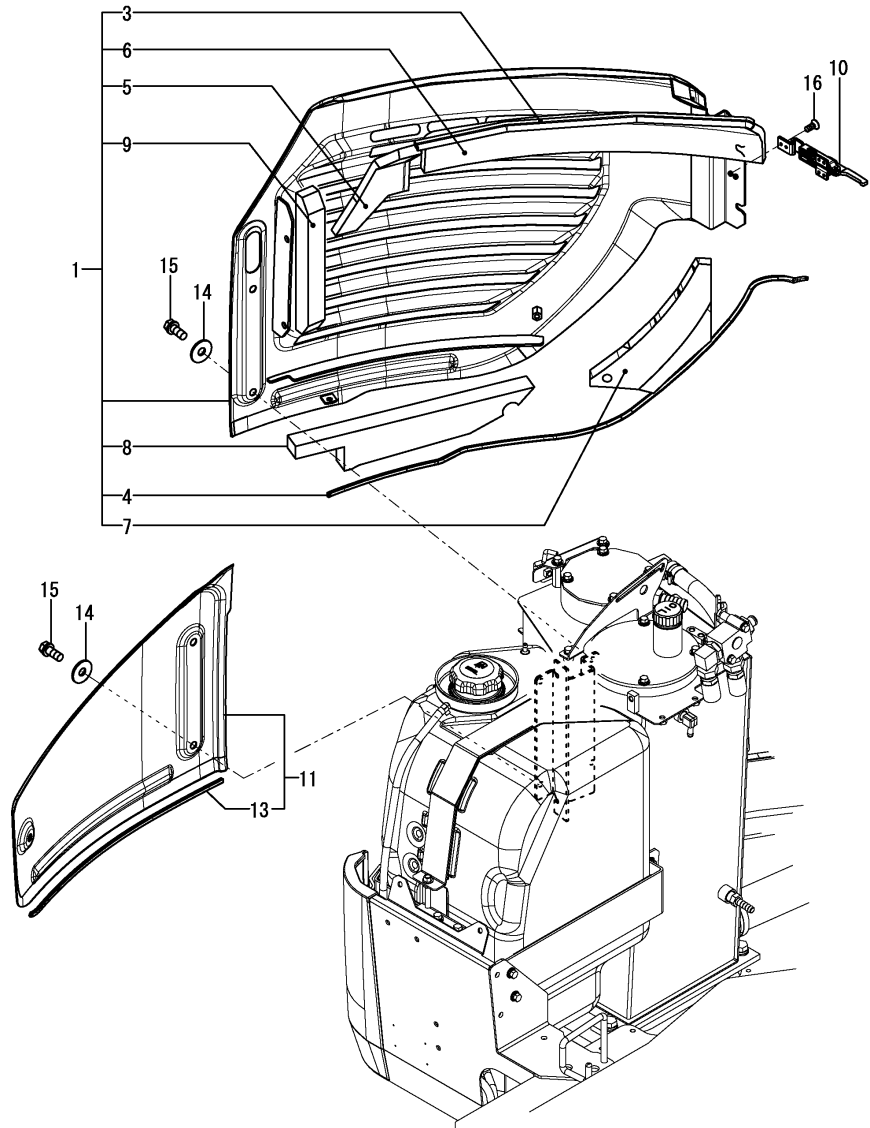


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61490	COVER,L FRAME	1	1	1	1				
2	1	172A89-65600-Y	BONNET L ASSY	1	1	1	1				
3	2	172162-15310	SEAL	1	1	1	1				
5	2	172A89-65630	SPONGE	1	1	1	1				
6	2	172A69-65670	TRIM	1	1	1	1				
7	2	172171-65820	RUBBER, SEAL	1	1	1	1				
8	1	22157-100000	WASHER, 10	3	3	3	3				
8-1	1	22157-100000	WASHER, 10	4	4	4	4				K
		(A=*2013.10) (B=*2013.10) (C=*2013.10) (D=*2013.10)									
9	1	26013-100252	BOLT, M10X 25	3	3	3	3				
9-1	1	26013-100252	BOLT, M10X 25	4	4	4	4				K
		(A=*2013.10) (B=*2013.10) (C=*2013.10) (D=*2013.10)									
10	1	26014-100252	BOLT, M10X 25	2	2	2	2				

Fig.73. BONNET(SIDE : RIGHT)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

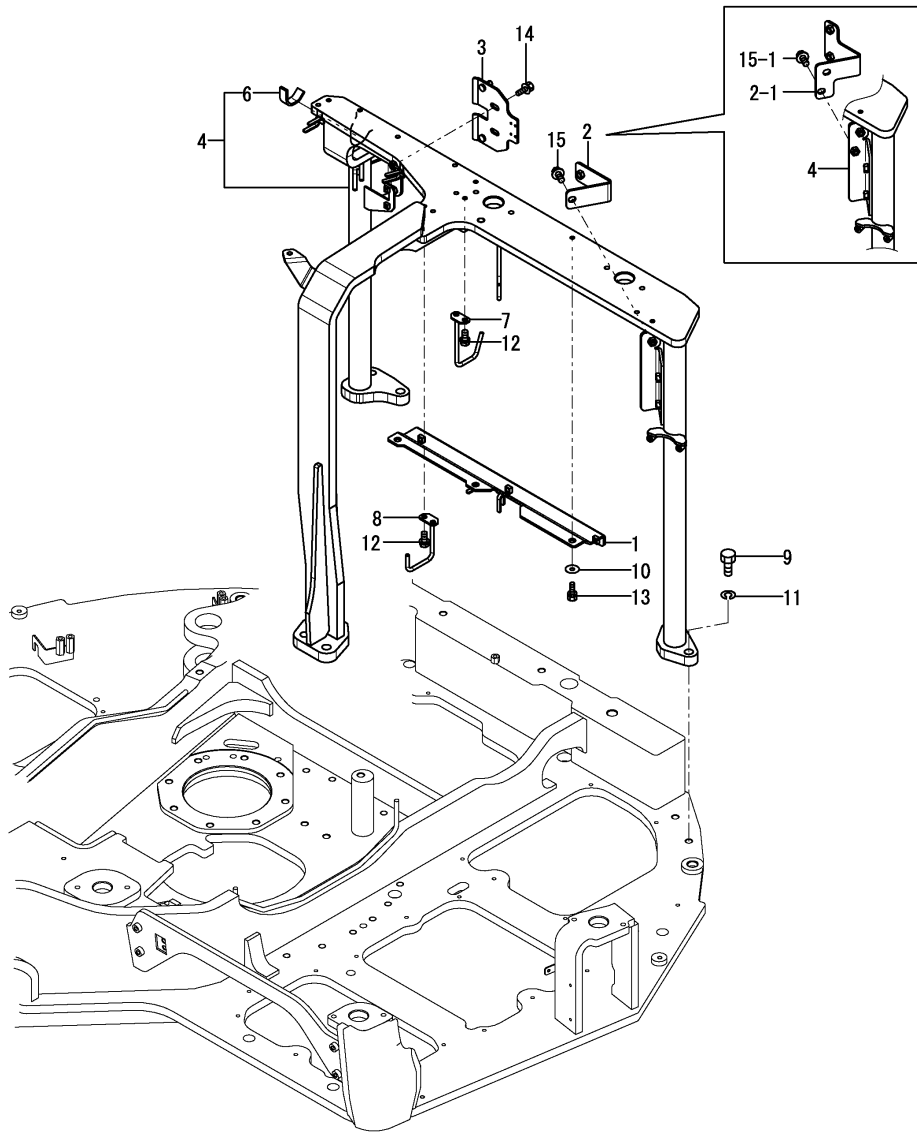


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-65800	BONNET ASSY,R	1	1	1	1				
3	2	172A89-65850	RUBBER, SEAL 670	1	1	1	1				
4	2	172A89-65860	TRIM, 1160	1	1	1	1				
5	2	172B11-65910	SPONGE,BONNET R A	1	1	1	1				
6	2	172B11-65921	SPONGE,BONNET R B	1	1	1	1				
7	2	172B11-65930	SPONGE,BONNET R C	1	1	1	1				
8	2	172B11-65940	SPONGE,BONNET R D	1	1	1	1				
9	2	172B11-65950	SPONGE,BONNET R E	1	1	1	1				
10	1	172A69-65872	HANDLE, BONNET LOCK	1	1	1	1				
11	1	172A69-65900-Y	BONNET ASSY	1	1	1	1				
13	2	172A69-65920	TRIM	1	1	1	1				
14	1	22157-100000	WASHER, 10	5	5	5	5				
15	1	26013-100252	BOLT, M10X 25	5	5	5	5				
16	1	26577-050122	SCREW, M5X12	6	6	6	6				

Fig.68. CABIN MOUNT(BRACKET)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

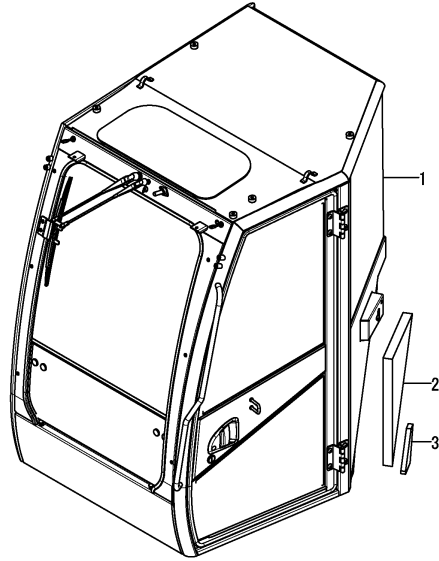


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-65200	BRACKET ASSY,BONNET	1	1	1	1				
2	1	172A89-65660	STAY ASSY, BONNET	1	1	1					
2-1	1	172A89-65661	STAY ASSY,BONNET L	1	1	1	1				S
		(A=*2013.10)	(B=*2013.10)	(C=*2013.10)							
3	1	172A89-65950	BRACKET ASSY,BR	1	1	1	1				
4	1	172B11-67100	BRACKET ASSY, CAB M	1	1	1	1				
6	2	172A89-67450	SEAL, SPONGE	1	1	1	1				
7	1	172A89-67360	GUIDE ASSY, HOSE	1	1	1	1				
8	1	172A89-67390	GUIDE ASSY, HOSE	1	1	1	1				
9	1	172460-73320	BOLT	6	6	6	6				
10	1	22157-100000	WASHER, 10	3	3	3	3				
11	1	22217-160000	WASHER, SPRING 16	6	6	6	6				
12	1	26013-100202	BOLT, M10X 20	4	4	4	4				
13	1	26013-100252	BOLT, M10X 25	3	3	3	3				
14	1	26014-100252	BOLT, M10X 25	2	2	2	2				
15	1	26014-100252	BOLT, M10X 25	1	1	1	1				
15-1	1	26014-100252	BOLT, M10X 25	2	2	2	2				K
		(A=*2013.10)	(B=*2013.10)	(C=*2013.10)	(D=*2013.10)						

Fig.74. CABIN

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-68000	CABIN ASSY	1	1	1	1				1
1A	1	172437-03302	LABEL, MANUAL	1	1	1	1				2
1B	1	172437-03441	LABEL, ROPS	1	1	1	1				2
1C	1	172437-03451	LABEL, SEAT BELT	1	1	1	1				2
1D	1	172437-03471	LABEL, LEVER LOCK	1	1	1	1				2
2	1	172B11-68910	SPONGE,CAB A	1	1	1	1				
3	1	172B11-68920	SPONGE,CAB B	1	1	1	1				
4A	1	172437-03312	LABEL, SLOPE	1	1	1	1				2
4B	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				2
4C	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				2
4D	1	172437-03432	LABEL, STEERING	1	1	1	1				2
4E	1	172472-03241	LABEL, PINUS	1	1	1	1				2
4F	1	172B03-04400	LABEL,WARNING HITCH	1	1	1	1				2
4G	1	172B03-04410	LABEL,SAND US	1	1	1	1				2
5A	1	172A89-03360	LABEL,LIFT Q	1	1	1					2
5A-1	1	172A89-03361	LABEL,LIFT Q	1	1	1	1				N 2
		(A=*2013.12) (B=*2013.12) (C=*2013.12)									
6A	1	172437-03551	LABEL, WINDOW US	1	1	1	1				2

Remarks

(1)Please use this part with following labels at the same time.

No.1A, 1B, 1C & 1D : Cabin frame.

No.4A, 4B, 4C, 4D, 4E, 4F & 4G : Right glass.

No.5A : Rear glass, No.6A : Front glass.

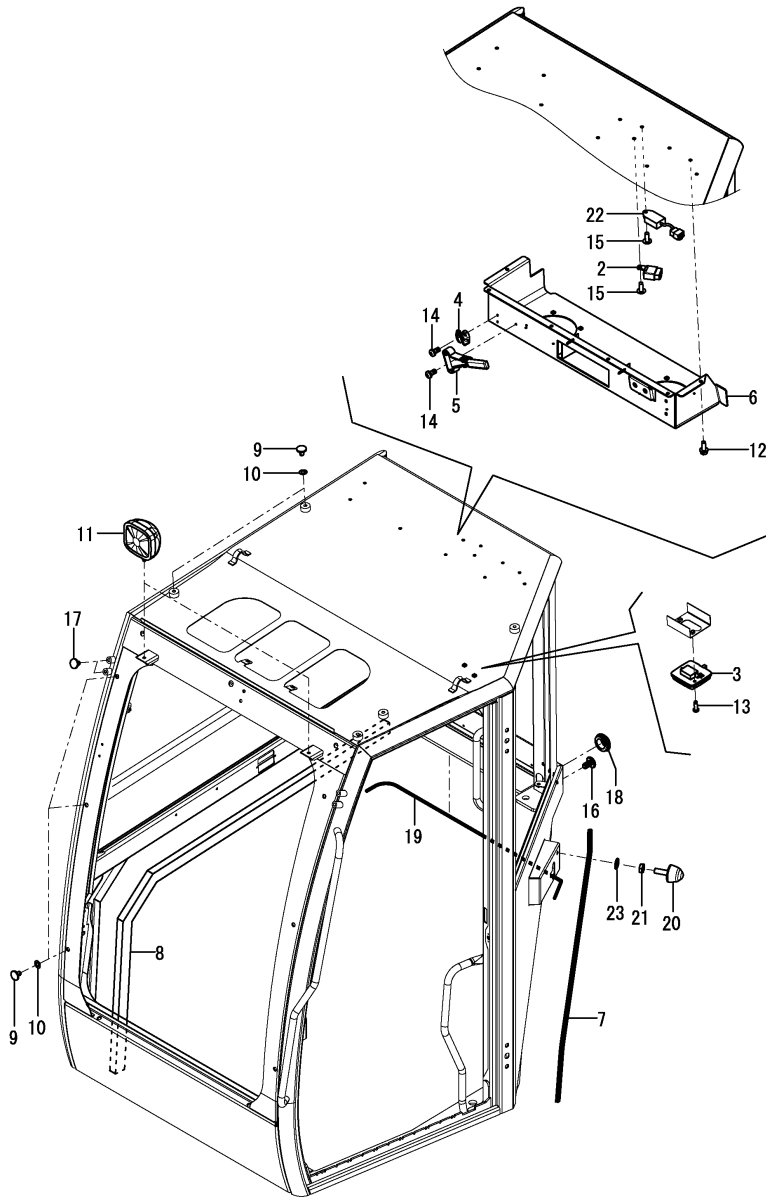
(2)Not illustrated.

* Inner parts are shown in Fig.152(74J) from Fig.143(74A).

Fig.143. (74A)CABIN(BODY ACCESSORY)(1)(TO M10711)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	198461-52950	RELAY, CA TYPE C	1	1	1	1				1
3	3	172B06-68040	LAMP,ROOM	1	1	1	1				
4	3	172B06-68070	HOOK, COAT	1	1	1	1				
5	3	172B06-68101	HAMMER,EMERGENCY	1	1	1	1				
6	3	172B11-68240	COVER ASSY,HEADER	1	1	1	1				
7	3	172B11-68270	SEAL,865	1	1	1	1				
8	3	172B11-68290	SEAL,1780	1	1	1	1				
9	3	172B11-68310	PLUG,HOLE	11	11	11	11				
9-1	3	172B11-68310	PLUG,HOLE	10	10	10	10				K
10	3	172B11-68320	RUBBER,PACKING	11	11	11	11				
10-1	3	172B11-68320	RUBBER,PACKING	10	10	10	10				K
11	3	172B06-68350	LAMP, WORK	2	2	2	2				
12	3	172B06-68360	BOLT, M6X16	6	6	6	6				
13	3	172B06-68370	BOLT, M5X16	2	2	2	2				
14	3	172B06-68380	BOLT, M4X12	4	4	4	4				
15	3	172B11-68800	SCREW,M6X16	2	2	2	2				
16	3	172B11-69030	CAP,BOLT M8	2	2	2	2				
17	3	172B11-69040	CAP,BOLT M10	4	4	4	4				
18	3	172B11-69060	GROMMET,22	1	1	1	1				
19	3	172B11-69080	SEAL,DAM 935	1	1	1	1				
20	3	172463-69270	STOPPER,DOOR	1	1	1	1				
21	3	172455-69560	NUT	1	1	1	1				
22	3	128300-77920	TIMER	1	1	1	1				
23	3	22217-100000	WASHER, SPRING 10	1	1	1	1				

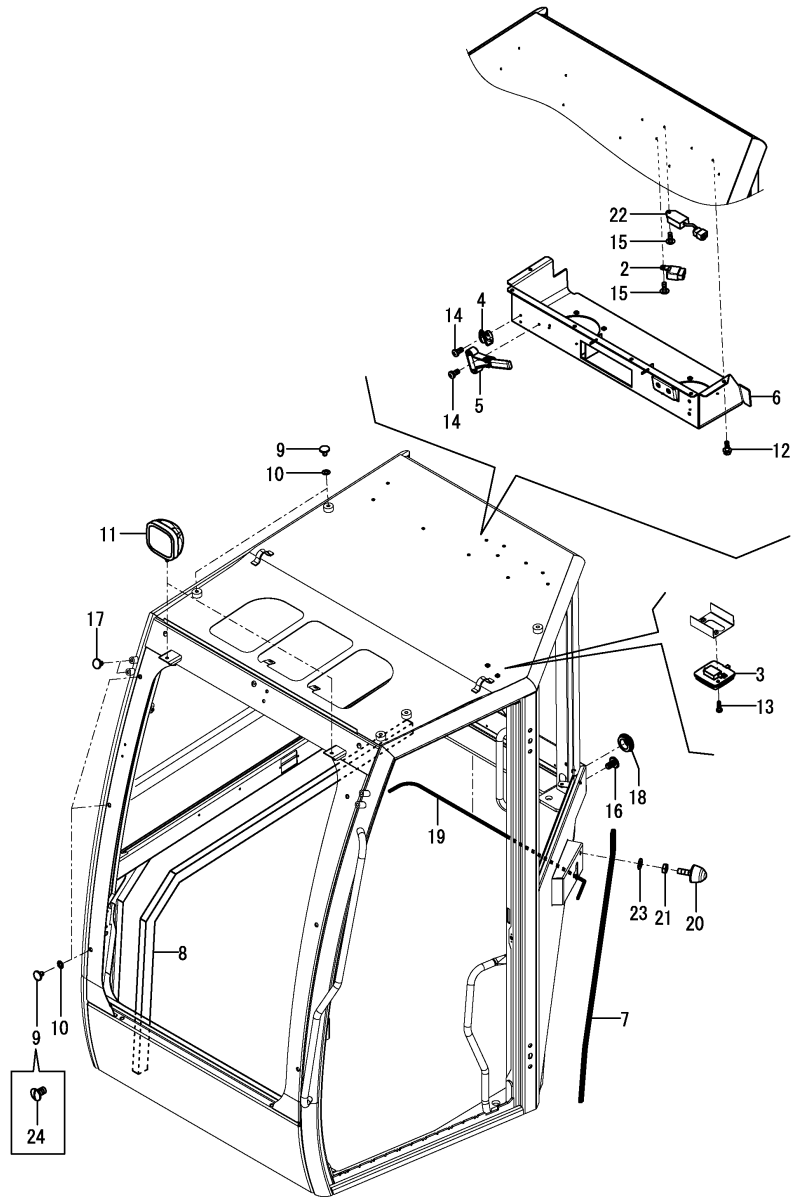
Remarks

(1)Built-in diode (connector connection color : black)

Fig.169. (74A-1)CABIN(BODY ACCESSORY)(1)(FROM M10712)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



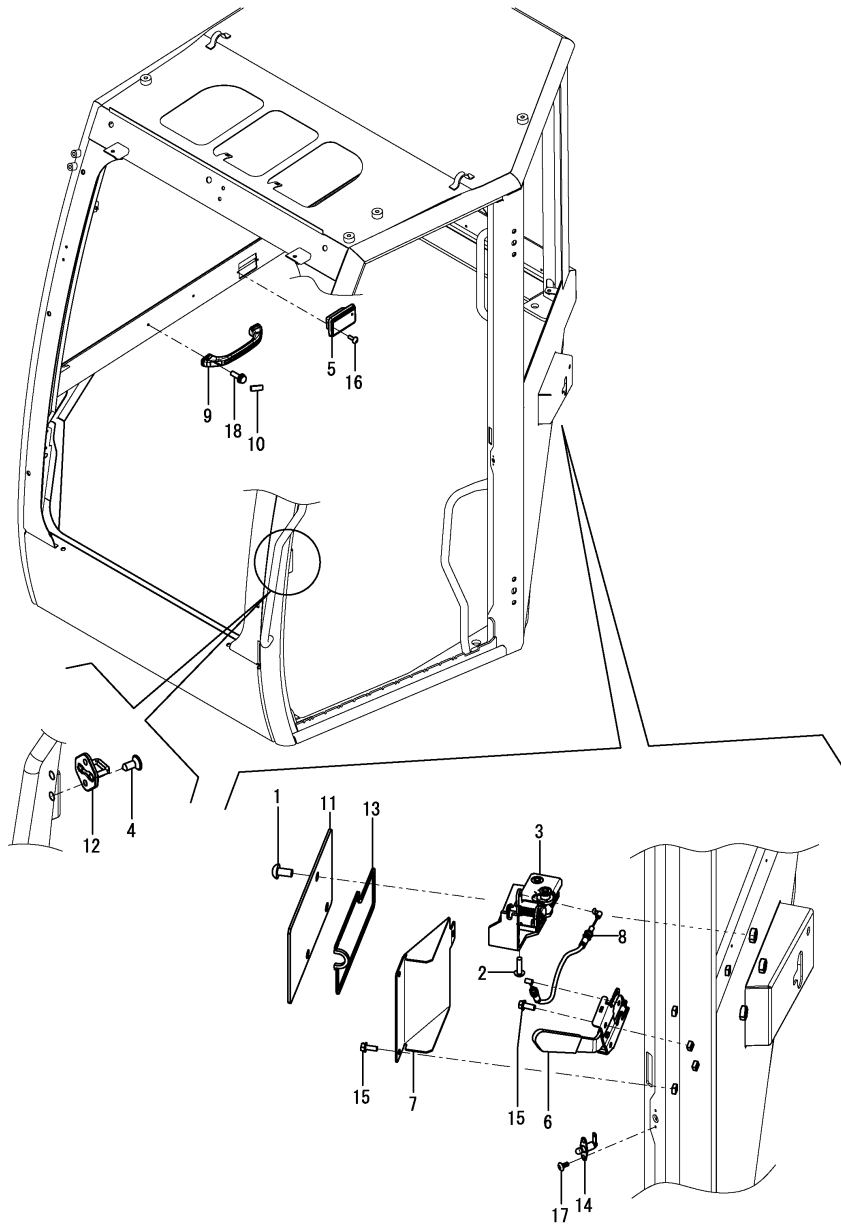
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-17150	RELAY, CA TYPE C	1	1	1	1				1
3	3	172B06-68040	LAMP, ROOM	1	1	1	1				
4	3	172B06-68070	HOOK, COAT	1	1	1	1				
5	3	172B06-68101	HAMMER, EMERGENCY	1	1	1	1				
6	3	172B11-68240	COVER ASSY, HEADER	1	1	1	1				
7	3	172B11-68270	SEAL, 865	1	1	1	1				
8	3	172B11-68290	SEAL, 1780	1	1	1	1				
9	3	172B11-68310	PLUG, HOLE	11	11	11	11				
9-1	3	172B11-68310	PLUG, HOLE	10	10	10	10				K
9-2	3	172B11-68310	PLUG, HOLE	4	4	4	4				K
10	3	172B11-68320	RUBBER, PACKING	11	11	11	11				
10-1	3	172B11-68320	RUBBER, PACKING	10	10	10	10				K
10-2	3	172B11-68320	RUBBER, PACKING	4	4	4	4				K
11	3	172B06-68350	LAMP, WORK	2	2	2	2				
12	3	172B06-68360	BOLT, M6X16	6	6	6	6				
13	3	172B06-68370	BOLT, M5X16	2	2	2	2				
14	3	172B06-68380	BOLT, M4X12	4	4	4	4				
15	3	172B11-68800	SCREW, M6X16	2	2	2	2				
16	3	172B11-69030	CAP, BOLT M8	2	2	2	2				
17	3	172B11-69040	CAP, BOLT M10	4	4	4	4				
18	3	172B11-69060	GROMMET, 22	1	1	1	1				
19	3	172B11-69080	SEAL, DAM 935	1	1	1	1				
20	3	172463-69270	STOPPER, DOOR	1	1	1	1				
21	3	172455-69560	NUT, M10	1	1	1	1				
22	3	128300-77920	TIMER, GLOW PLUG	1	1	1	1				
23	3	22217-100000	WASHER, SPRING 10	1	1	1	1				
24	3	172B11-69040	CAP, BOLT M10	6	6	6	6				W

Remarks
 (1)No diode (connector connection color : red)

Fig.144. (74B)CABIN(BODY ACCESSORY)(2)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



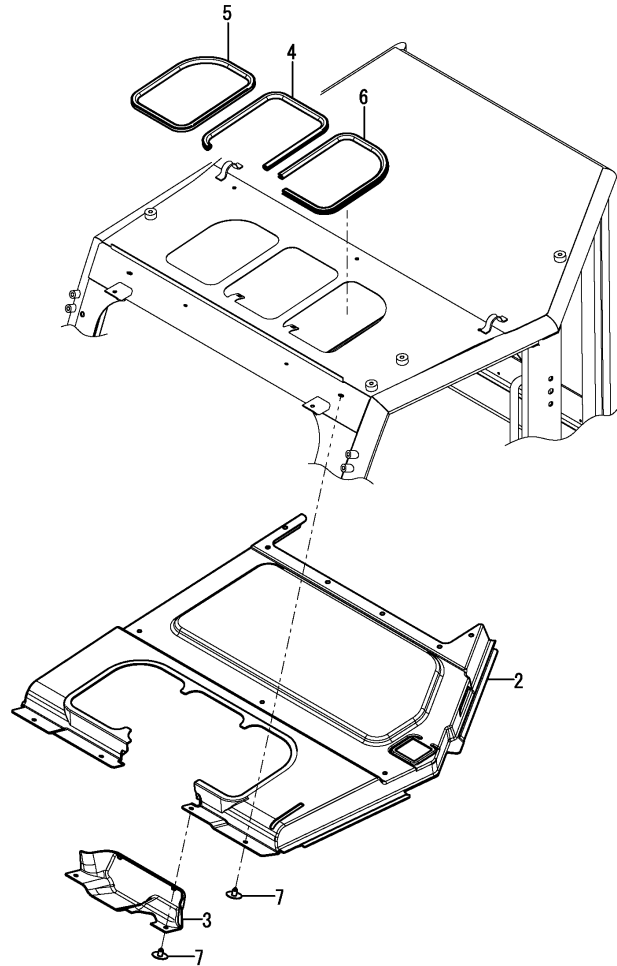
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172458-63730	SCREW	3	3	3	3				
2	3	172455-67350	SCREW	4	4	4	4				
3	3	172B06-68060	LATCH ASSY	1	1	1	1				
4	3	172B06-68130	SCREW,TORX M8X20	2	2	2	2				
5	3	172B06-68150	TRAY,ASH	1	1	1	1				
6	3	172B11-68160	LEVER ASSY,LOW	1	1	1	1				
7	3	172B11-68170	COVER,DOOR LEVER	1	1	1	1				
8	3	172B11-68180	CABLE ASSY,DOOR	1	1	1	1				
9	3	172B11-68190	GRIP,R	1	1	1	1				1
9-1	3	172B11-68210	GRIP,R D	1	1	1	1				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
10	3	172B11-68200	CAP,GRIP R	2	2	2	2				1
10-1	3	172B11-68220	CAP,GRIP R D	2	2	2	2				S 2
		(A=M1F001) (B=M1F001) (C=M1F001) (D=M1F001)									
11	3	172B11-68250	BRACKET ASSY,CATCH	1	1	1	1				
12	3	172B06-68260	STRIKER, DOOR	1	1	1	1				
13	3	172B11-68300	SEAL,770	1	1	1	1				
14	3	172B06-68340	SWITCH,DOOR	1	1	1	1				
15	3	172B06-68360	BOLT, M6X16	5	5	5	5				
16	3	172B06-68380	BOLT, M4X12	2	2	2	2				
17	3	172B06-68400	SCREW, TAPPING M4X12	2	2	2	2				
18	3	172B11-68810	SCREW,M6X20	2	2	2	2				

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

Fig.145. (74C)CABIN(BODY ACCESSORY)(3)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

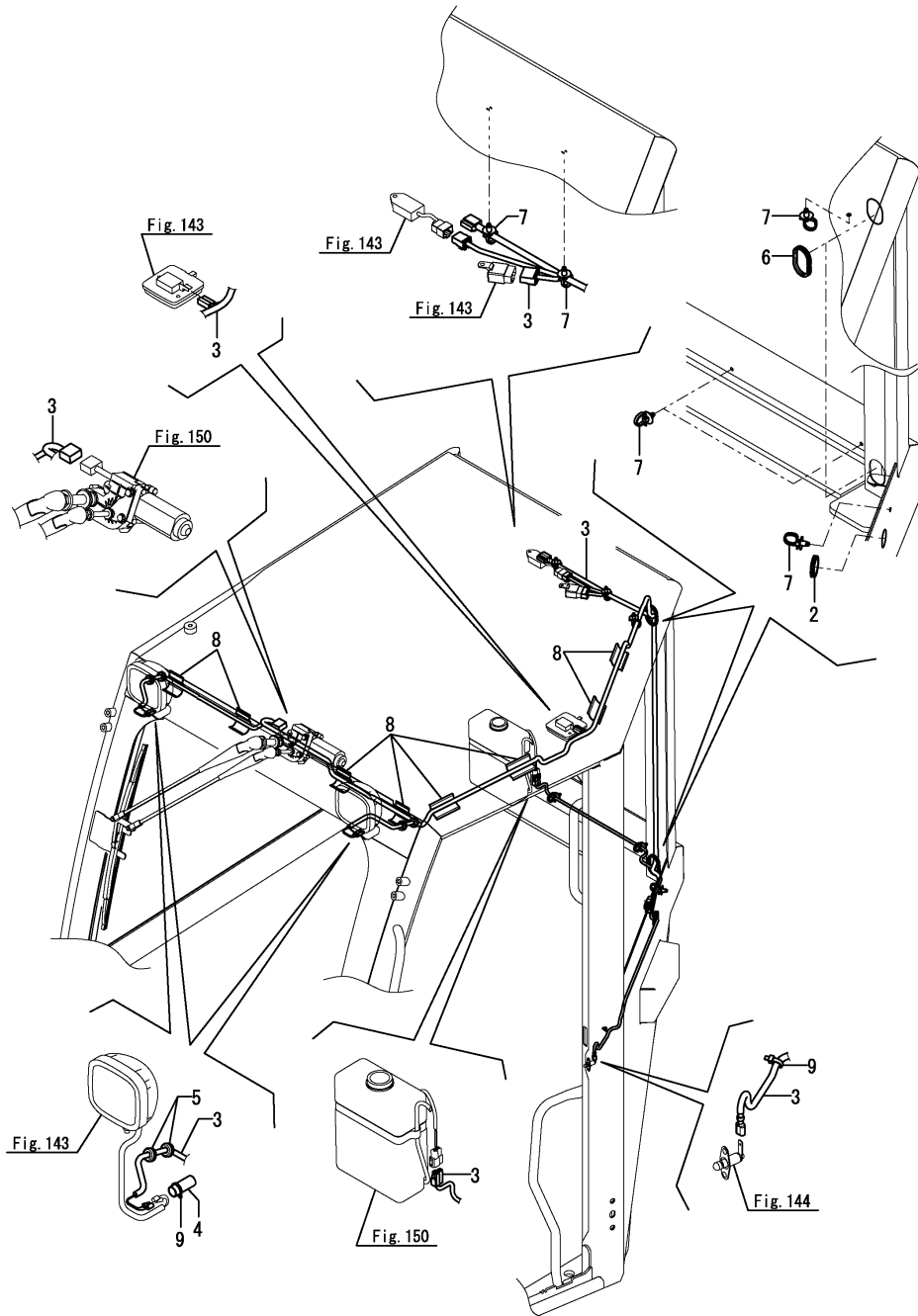


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B11-68410	PAD,ROOF	1	1	1	1				
3	3	172B11-68420	COVER,HEADER FT	1	1	1	1				
4	3	172B11-68430	SEAL,673	1	1	1	1				
5	3	172B11-68440	SEAL,783	1	1	1	1				
6	3	172B11-68450	SEAL,815	1	1	1	1				
7	3	172B11-68460	RIVET,7	7	7	7	7				

Fig.146. (74D)CABIN(ELECTRIC PARTS)(TO M10711)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

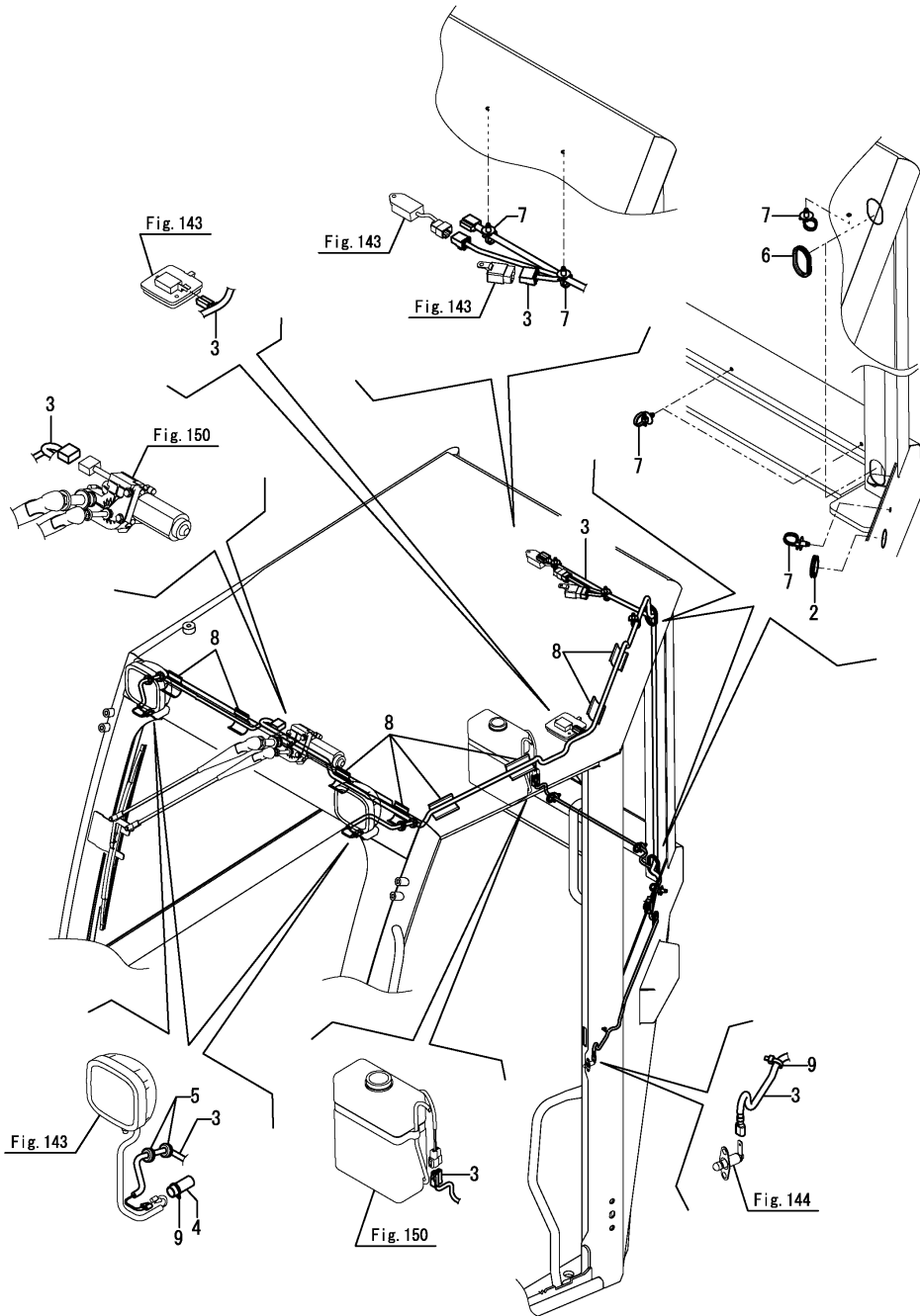


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172455-67940	BUSH	1	1	1	1				
3	3	172B11-68750	HARNESS ASSY,CABIN	1	1	1	1				
3-1	3	172B11-68751	HARNESS ASSY,CABIN	1	1	1	1				N
3-2	3	(A=M10871) (B=M10871) (C=M10871) (D=M10871)	HARNESS ASSY,CABIN	1	1	1	1				N
		(A=M11522) (B=M11522) (C=M11522) (D=M11522)									
4	3	172B11-68760	TUBE ASSY,PVC	2	2	2	2				
5	3	172B06-68780	GROMMET,9.5X3.2	4	4	4	4				
6	3	172B06-68800	BUSH,90	2	2	2	2				
7	3	172B06-68830	BAND, BINDING	6	6	6	6				
8	3	172B06-68870	TAPE,SOFT	6	6	6	6				
9	3	933168-55770	BAND	3	3	3	3				

Fig.170. (74D-1)CABIN(ELECTRIC PARTS)(FROM M10712)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

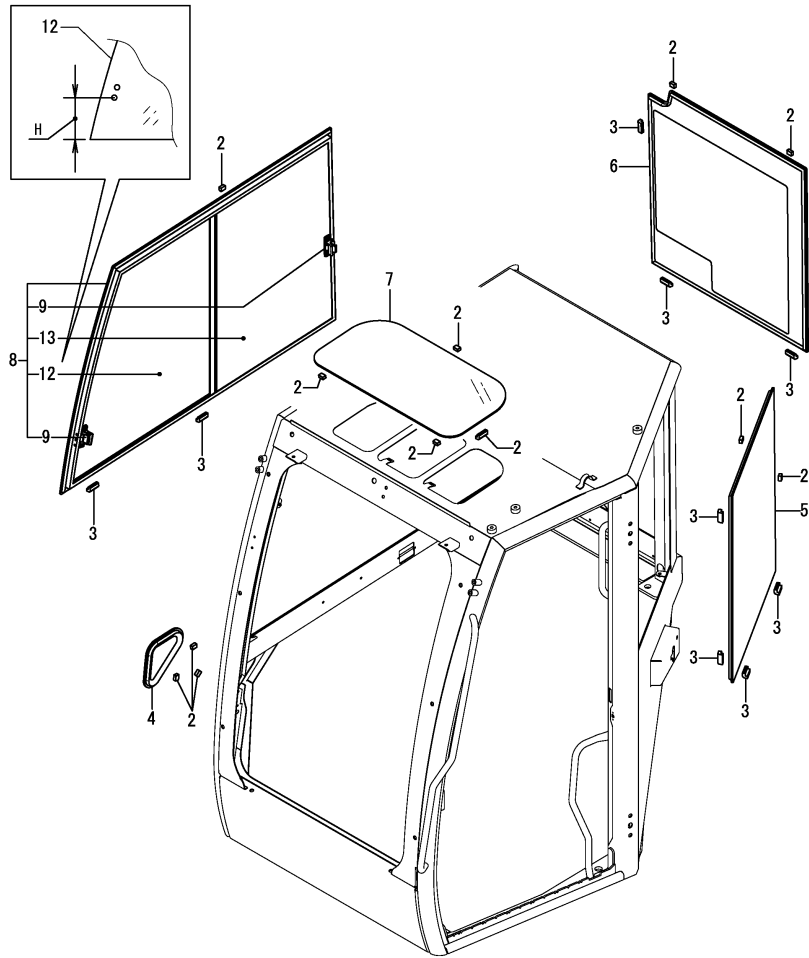


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172455-67940	BUSH	1	1	1	1				
3	3	172B11-68751	HARNESS ASSY,CABIN	1	1	1	1				
3-1	3	172B11-68752	HARNESS ASSY,CABIN	1	1	1	1				N
		(A=M11522)	(B=M11522)	(C=M11522)	(D=M11522)						
4	3	172B11-68760	TUBE ASSY,PVC	2	2	2	2				
5	3	172B06-68780	GROMMET,9.5X3.2	4	4	4	4				
6	3	172B06-68800	BUSH,90	2	2	2	2				
7	3	172B06-68830	BAND, BINDING	6	6	6	6				
8	3	172B06-68870	TAPE,SOFT	6	6	6	6				
9	3	933168-55770	BAND	3	3	3	3				

Fig.147. (74E)CABIN(GLASS)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172458-63950	SPACER	12	12	12	12				
3	3	172458-63960	SPACER	11	11	11	11				
4	3	172B11-68560	GLASS,RIGHT FRONT	1	1	1	1				
5	3	172B11-68570	GLASS,LEFT	1	1	1	1				
6	3	172B11-68580	GLASS,REAR	1	1	1	1				1
7	3	172B11-68590	GLASS,ROOF	1	1	1	1				
8	3	172B11-68600	SASH ASSY	1	1	1	1				
9	4	172455-67770	LOCK ASSY, SASH	2	2	2	2				
12	4	172B11-68630	GLASS,F SASH	1	1	1	1				
12-1	4	172B11-68631	GLASS,F SASH	1	1	1	1				S 4
		(A=M11444)	(B=M11444)	(C=M11444)	(D=M11444)						
13	4	172B11-68640	GLASS,R SASH	1	1	1	1				2
14A	1	172M05-03360	LABEL, LIFT	1	1	1	1				3
15A	1	172437-03312	LABEL, SLOPE	1	1	1	1				3
15B	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				3
15C	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				3
15D	1	172437-03432	LABEL, STEERING	1	1	1	1				3
15E	1	172472-03241	LABEL, PINUS	1	1	1	1				3
15F	1	172B03-04400	LABEL,WARNING HITCH	1	1	1	1				3
15G	1	172B03-04410	LABEL,SAND US	1	1	1	1				3

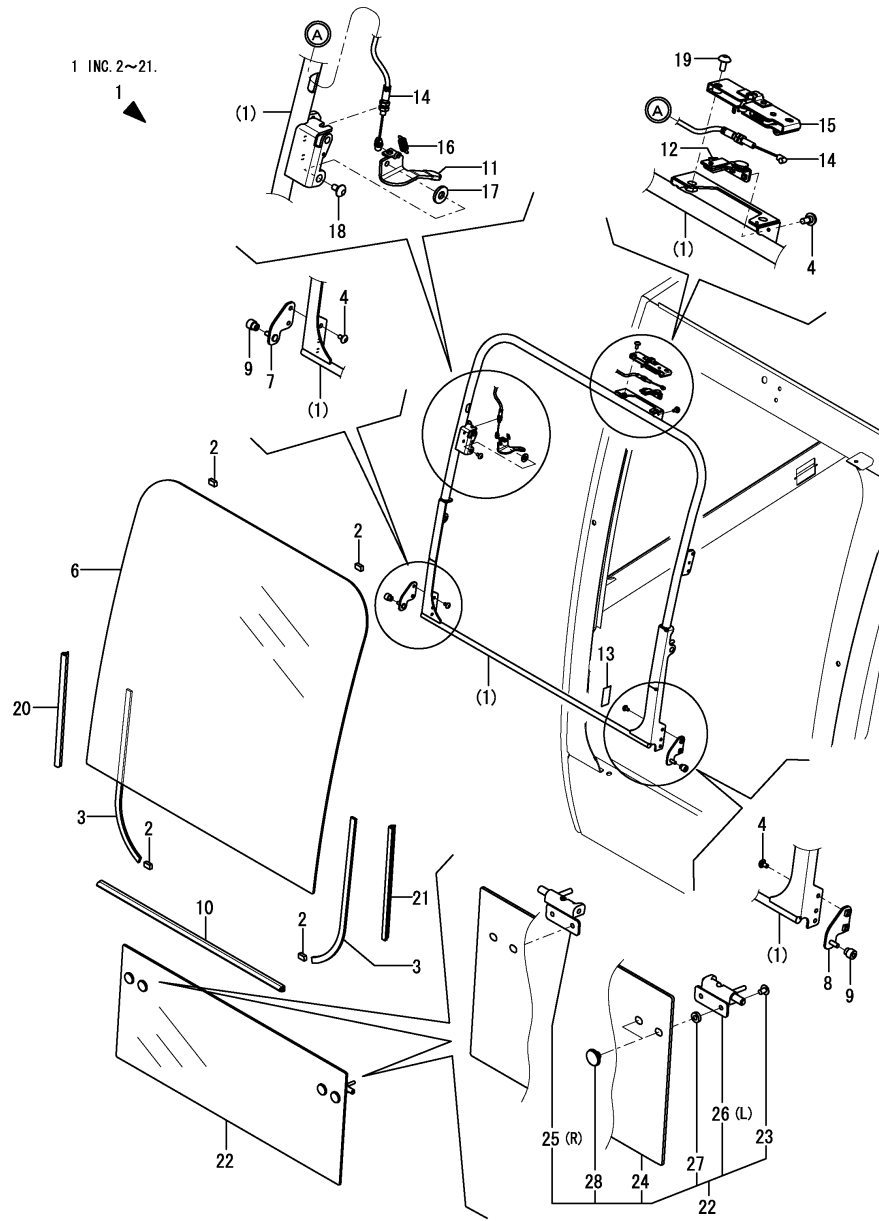
Remarks

- (1) Attach the No.14A label to this part.
- (2) Please use this part with following labels at the same time.
No.15A, 15B, 15C, 15D, 15E, 15F & 15G.
- (3) Not illustrated.
- (4) H=No.12 : 135mm, No.12-1 : 115mm.

Fig.148. (74F)CABIN(FRONT WINDOW)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B11-69160	WINDOW ASSY,FRONT	1	1	1	1				
2	4	172458-63950	SPACER	4	4	4	4				
3	4	172B11-69090	SEAL,DUM 360	2	2	2	2				
4	4	172463-69150	SCREW	6	6	6	6				
6	4	172B11-69180	GLASS,F/W	1	1	1	1				1
7	4	172B11-69190	STAY ASSY,F/W R	1	1	1	1				
8	4	172B11-69200	STAY ASSY,F/W L	1	1	1	1				
9	4	172B06-69211	ROLLER	2	2	2	2				
10	4	172B11-69260	SEAL,852	1	1	1	1				
11	4	172B11-69270	LEVER ASSY,F/W LOCK	1	1	1	1				
12	4	172B11-69280	LOCK ASSY,F/W	1	1	1	1				
13	4	172B11-69290	RUBBER,PLATE	1	1	1	1				
14	4	172B11-69340	CABLE ASSY,F/W	1	1	1	1				
15	4	172B11-69350	LOCK ASSY,F/W	1	1	1	1				
16	4	172B06-69360	SPRING	1	1	1	1				
17	4	172B06-69380	WASHER	1	1	1	1				
18	4	172B06-69390	BOLT,TORX M6X16	1	1	1	1				
19	4	172B06-69400	BOLT,TORX M6X20	2	2	2	2				
20	4	172B11-69540	GLASSRUN,388	1	1	1	1				
21	4	172B11-69550	GLASSRUN,388	1	1	1	1				
22	3	172B11-69360	GLASS ASSY,FT LOW	1	1	1	1				
23	4	172B11-68820	SCREW,M8X12	4	4	4	4				
24	4	172B11-69370	GLASS,FRONT LOWER	1	1	1	1				
25	4	172B11-69380	LATCH ASSY,R	1	1	1	1				
26	4	172B11-69390	LATCH ASSY,L	1	1	1	1				
27	4	172B11-69400	RUBBER,PACKING	4	4	4	4				
28	4	172B11-69410	RETAINER,M8	4	4	4	4				
29A	1	172437-03551	LABEL, WINDOW US	1	1	1	1				2

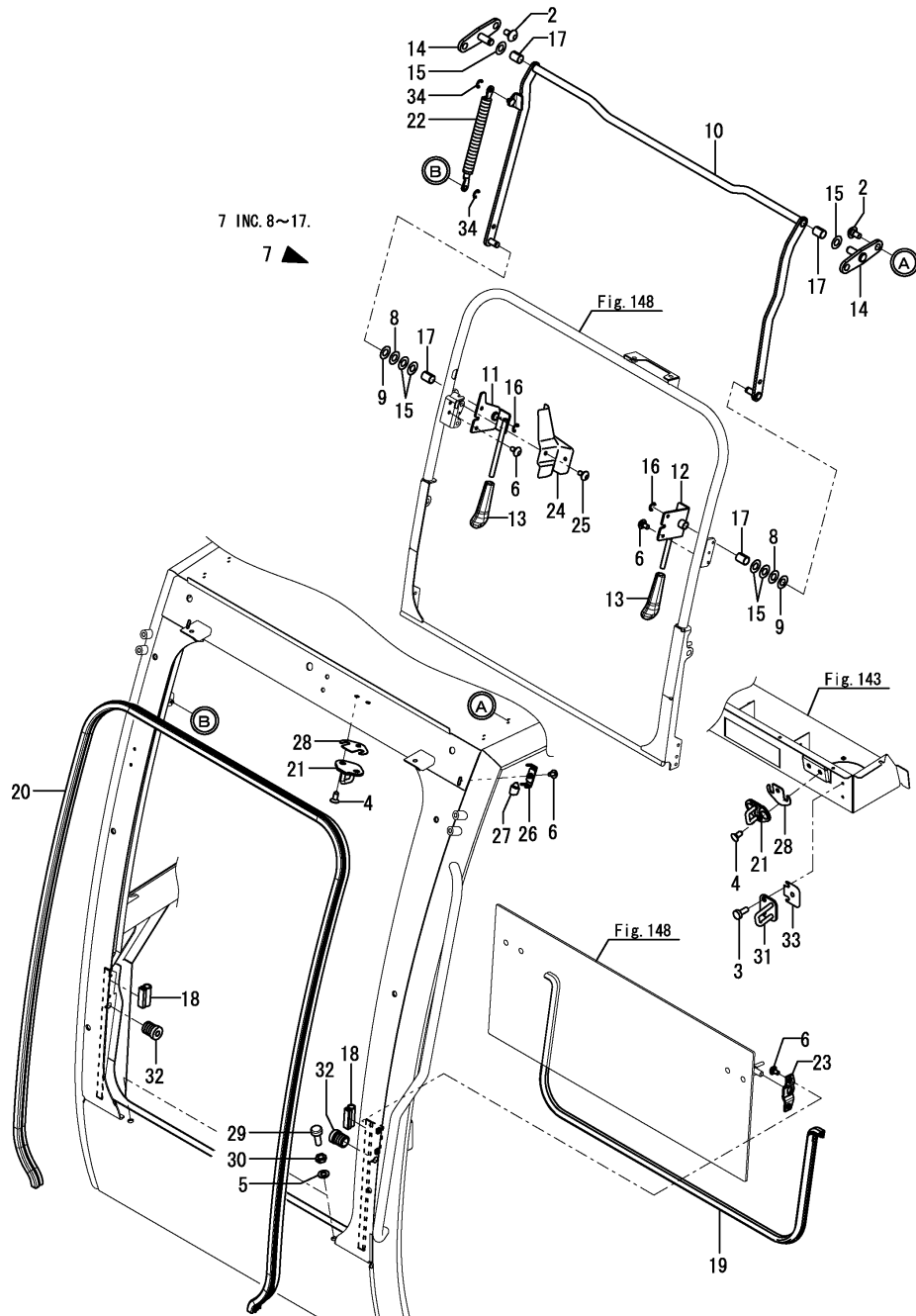
Remarks

- (1)Attach the No.29A label to this part.
- (2)Not illustrated.

Fig.149. (74G)CABIN(FRONT WINDOW ACCESSORY)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

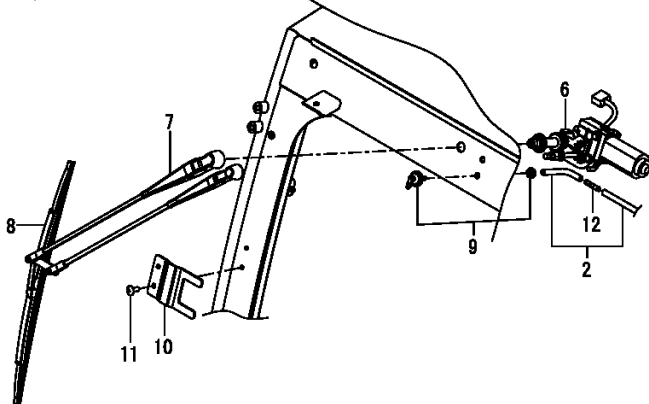
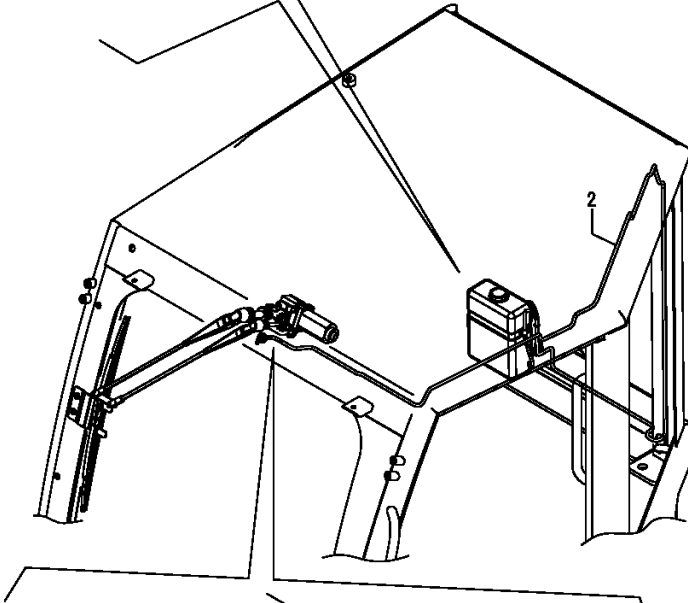
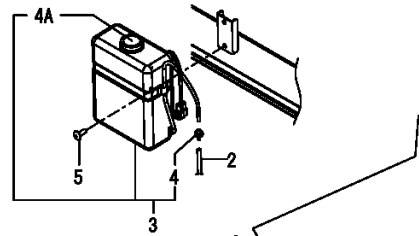


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172458-63730	SCREW	4	4	4	4				
3	3	172B06-68360	BOLT, M6X16	2	2	2	2				
4	3	172B11-68830	SCREW,M8X20	4	4	4	4				
5	3	172B11-68860	WASHER,M10	2	2	2	2				
6	3	172463-69150	SCREW	12	12	12	12				
7	3	172B11-69300	LINK ASSY,F/W	1	1	1	1				
8	4	172B11-68870	WASHER,M12	2	2	2	2				
9	4	172463-69240	WASHER, 12.5X26	2	2	2	2				
10	4	172B11-69310	LINK ASSY,F/W	1	1	1	1				
11	4	172B11-69320	BRACKET ASSY,LINK R	1	1	1	1				
12	4	172B11-69330	BRACKET ASSY,LINK L	1	1	1	1				
13	4	172B06-69370	KNOB	2	2	2	2				
14	4	172B11-69440	BRACKET ASSY,LINK	2	2	2	2				
15	4	172B06-69450	WASHER	6	6	6	6				
16	4	22272-000080	RING, E- 8	2	2	2	2				
17	4	24550-012200	BUSH, 12X20	4	4	4	4				
18	3	172B11-69430	SEAL,40	2	2	2	2				
19	3	172B11-69450	SEAL,1410	1	1	1	1				
20	3	172B11-69460	SEAL,GLASS FRONT	1	1	1	1				
21	3	172B11-69470	STRIKER	2	2	2	2				
22	3	172B11-69480	SPRING,GASS	1	1	1	1				
23	3	172B11-69490	HOLDER,LATCH	2	2	2	2				
24	3	172B11-69500	COVER,LOCK HANDLE R	1	1	1	1				
25	3	172B06-69510	CLIP,TREE	2	2	2	2				
26	3	172B11-69510	BRACKET ASSY,STOPPER	2	2	2	2				
27	3	172B11-69520	RUBBER,STOPPER	2	2	2	2				
28	3	172B11-69530	SHIM	2	2	2	2				
29	3	172455-69550	STOPPER B	2	2	2	2				
30	3	172455-69560	NUT	2	2	2	2				
31	3	172B11-69560	STRIKER ASSY,2NDLOCK	1	1	1	1				
32	3	172B11-69570	RUBBER,STOPPER	2	2	2	2				
33	3	172B11-69580	SHIM	1	1	1	1				
34	3	22272-000060	RING, E- 6	2	2	2	2				

Fig.150. (74H)CABIN(WIPER)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=

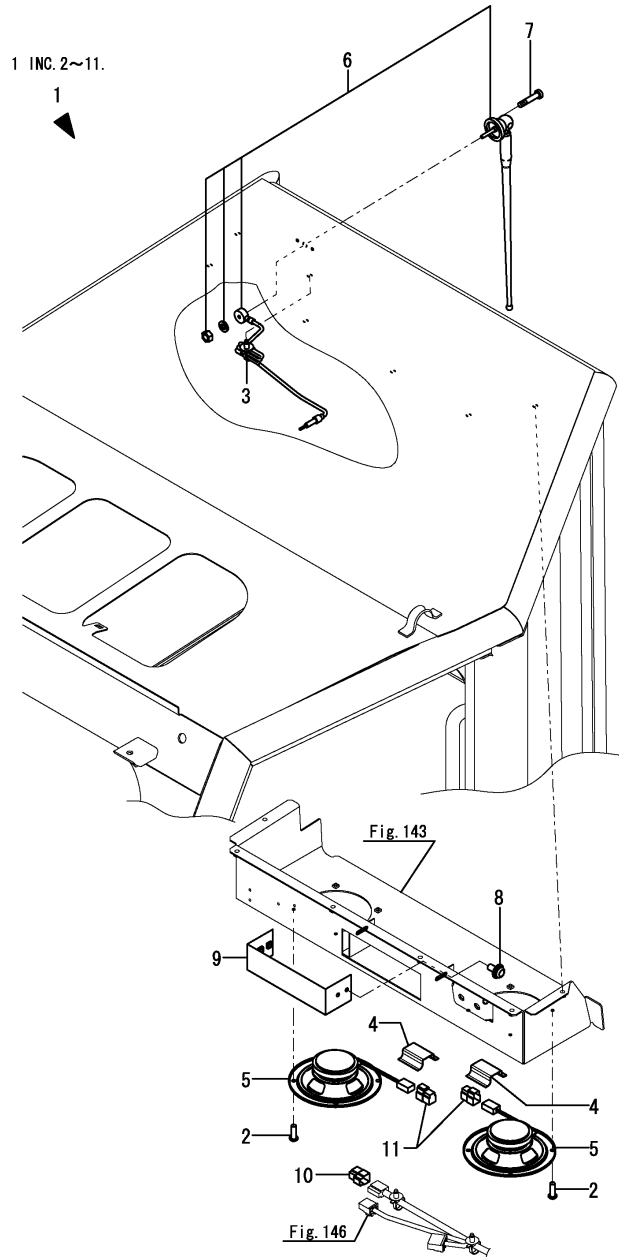


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B11-68030	HOSE, 2710	1	1	1	1				
3	3	172B06-68310	TANK, WASHER	1	1	1	1				
3-1	3	172B11-68340	TANK, WASHER	1	1	1	1				N
4	4	172B06-68410	VALVE, CHECK	1	1	1	1				Z
4A	4	172B11-68360	CAP,WASHER TANK	1	1	1	1				
5	3	172B11-68800	SCREW, M6X16	2	2	2	2				
6	3	172B11-69220	MOTOR, WIPER	1	1	1	1				
7	3	172B11-69230	ARM, WIPER	1	1	1	1				
8	3	172B06-69240	BLADE ASSY, 500	1	1	1	1				
9	3	172B11-69240	CONNECTOR, 90	1	1	1	1				
10	3	172B11-69250	BRACKET ASSY, WIPER	1	1	1	1				
11	3	172B11-69420	SCREW, TR-HD	2	2	2	2				
12	3	172B11-69700	VALVE ASSY	1	1	1	1				

Fig.151. (74I)CABIN(RADIO)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

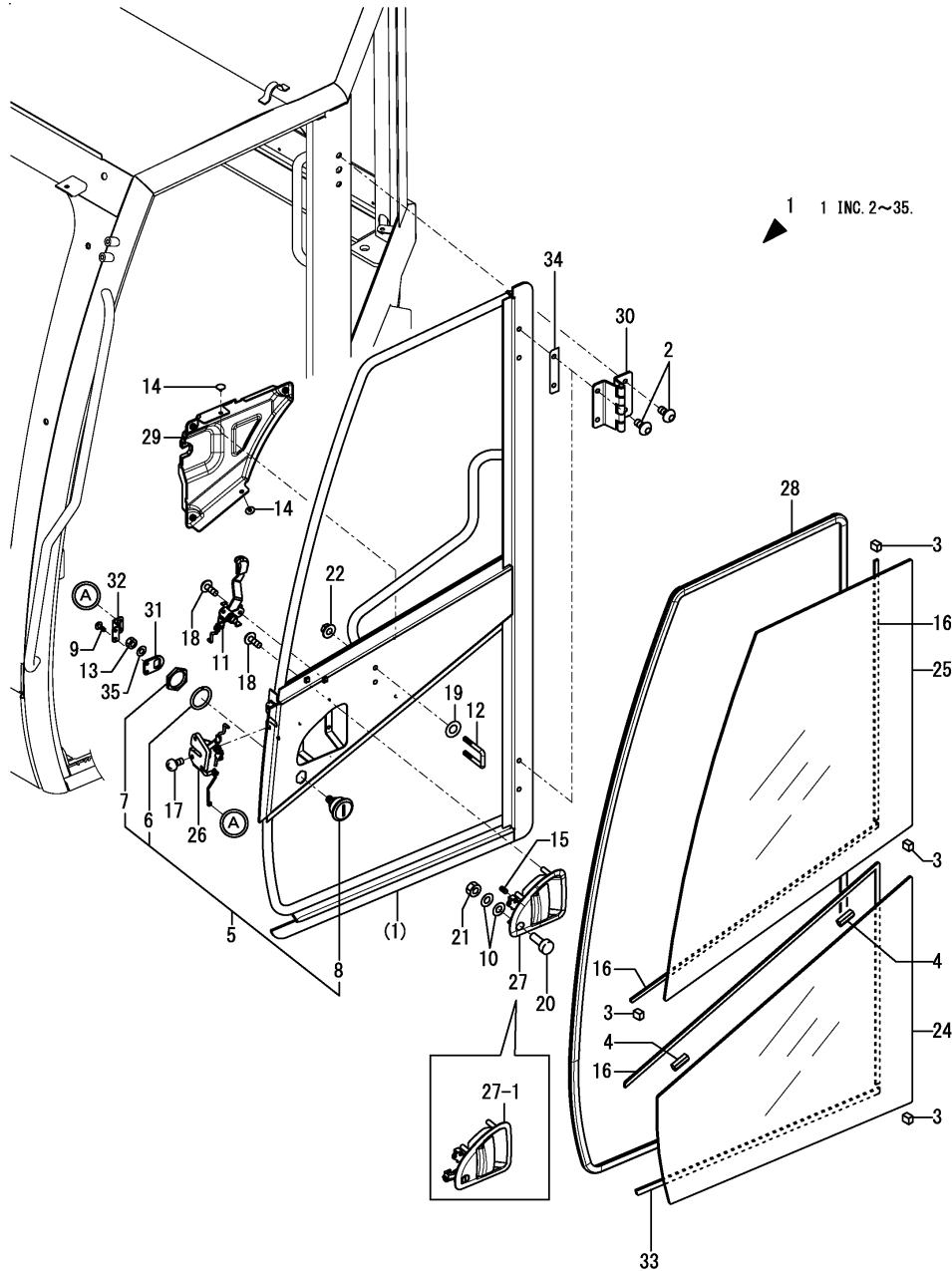


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69610	ELECTRIC ASSY,NO RAD	1	1	1	1				
2	3	172B06-68390	BOLT, M4X12	8	8	8	8				
3	3	172B06-68830	BAND, BINDING	1	1	1	1				
4	3	172B06-68870	TAPE,SOFT	3	3	3	3				
5	3	172B06-69571	SPEAKER	2	2	2	2				
6	3	172B06-69581	ANTENNA, RADIO	1	1	1	1				
7	3	172B06-69600	BOLT, M4X20	2	2	2	2				
8	3	172B11-69630	SCREW,M4X12 TREAT	4	4	4	4				
9	3	172B11-69640	COVER,RADIO	1	1	1	1				
10	3	172B11-69650	CONNECTOR	1	1	1	1				
11	3	172B11-69660	CONNECTOR	2	2	2	2				

Fig.152. (74J)CABIN DOOR

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=

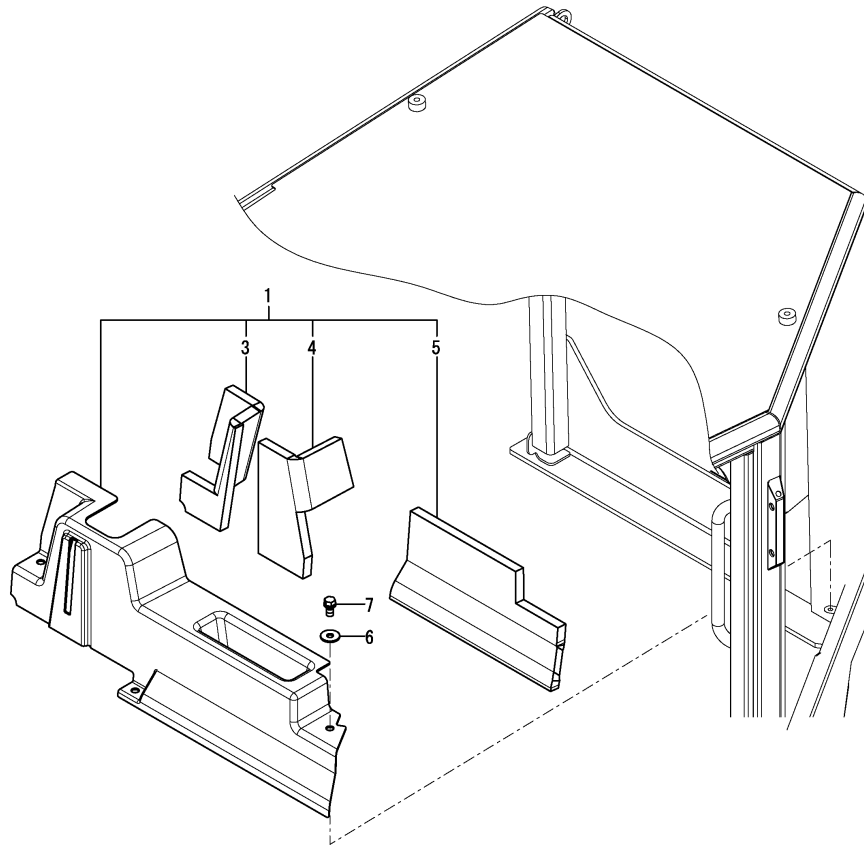


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69800	DOOR ASSY, CABIN	1	1	1	1				
1-1	2	172B11-69801	DOOR ASSY, CABIN	1	1	1	1				N
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
2	3	172458-63730	SCREW	8	8	8	8				
3	3	172458-63950	SPACER	4	4	4	4				
4	3	172458-63960	SPACER	2	2	2	2				
5	3	172B03-66170	CYLINDER ASSY, KEY	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
6	4	172B03-66180	WASHER, RING	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
7	4	172B03-66190	NUT, M24	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
8	4	172B03-66200	CYLINDER ASSY, BASE	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
9	3	172B11-68790	SCREW, M4X10	2	2	2	2				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
10	3	172B11-68860	WASHER, M10	2	2	2	2				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
11	3	172B06-68940	HANDLE ASSY	1	1	1	1				
12	3	172B06-69010	HOOK, DOOR	1	1	1	1				
13	3	172B11-69010	NUT, M10	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
14	3	172B11-69020	CLIP, TREE	5	5	5	5				
15	3	172B06-69040	LOCK, SCREW	1	1	1	1				
16	3	172B11-69070	SEAL, DUM 2500	1	1	1	1				
17	3	172B06-69080	SCREW, M6X20	3	3	3	3				
18	3	172B06-69090	SCREW	5	5	5	5				
19	3	172455-69270	WASHER	2	2	2	2				
20	3	172455-69550	STOPPER B	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
21	3	172455-69560	NUT	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
22	3	172455-69710	NUT	2	2	2	2				
24	3	172B11-69820	GLASS, DOOR LOW	1	1	1	1				
25	3	172B11-69830	GLASS, DOOR UP	1	1	1	1				
26	3	172B11-69850	LOCK ASSY, DOOR	1	1	1	1				
27	3	172B11-69860	HANDLE ASSY, OUTER	1	1	1	1				
27-1	2	172B11-69861	HANDLE ASSY, OUTER	1	1	1	1				S
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
28	3	172B11-69870	SEAL, DOOR	1	1	1	1				
29	3	172B11-69880	COVER, DOOR INNER	1	1	1	1				
30	3	172B11-69890	HINGE ASSY, DOOR	2	2	2	2				
31	3	172B11-69900	PLATE, KEYCYL ROD	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
32	3	172B11-69910	BRACKET, KEYCYL ROD	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						
33	3	172B11-69920	SEAL, DUM 600	1	1	1	1				
34	3	172B11-69930	SHIM	1	1	1	1				
35	3	22217-100000	WASHER, SPRING 10	1	1	1	1				Z
		(A=*2015.01)	(B=*2015.01)	(C=*2015.01)	(D=*2015.01)						

Fig.76. ACCESSORY(CABIN)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-68940	COVER ASSY,WASHER TA	1	1	1	1				1
1-1	1	172B11-68840	COVER ASSY,WASHER TD	1	1	1	1				S 2
		(A=M1F001)	(B=M1F001)	(C=M1F001)	(D=M1F001)						
3	2	172B11-68960	SPONGE,WT COVER A	1	1	1	1				
4	2	172B11-68970	SPONGE,WT COVER B	1	1	1	1				
5	2	172B11-68980	SPONGE,WT COVER C	1	1	1	1				
6	1	22157-080000	WASHER, 8	3	3	3	3				
6-1	1	172458-62430	WASHER	3	3	3	3				S
		(A=M1F001)	(B=M1F001)	(C=M1F001)	(D=M1F001)						
7	1	26013-080162	BOLT, SPRING M8X 16	3	3	3	3				
7-1	1	172137-69850	SCREW	3	3	3	3				S
		(A=M1F001)	(B=M1F001)	(C=M1F001)	(D=M1F001)						

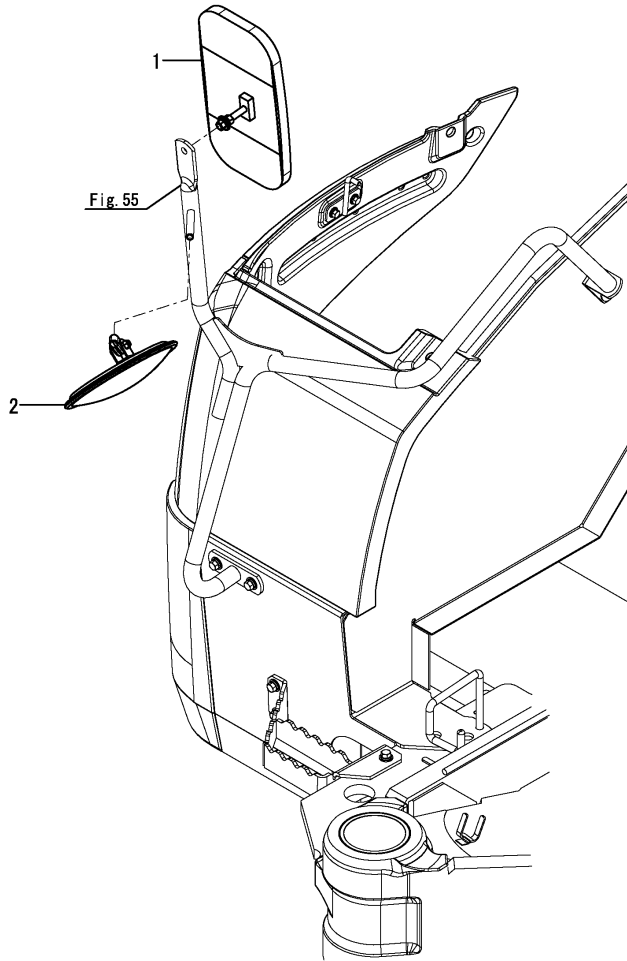
Remarks

- (1)Color = WARM IVORY.
- (2)Color = PANTONE 425C.

Fig.77. SIDE MIRROR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

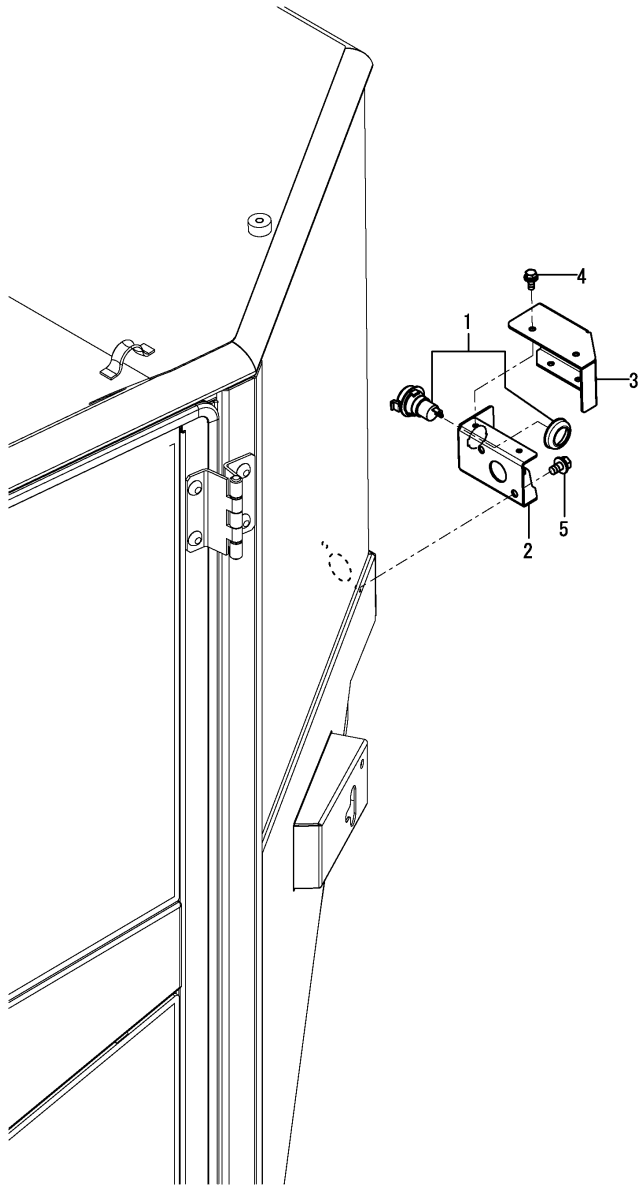


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1W3855-50160	MIRROR ASSY, BACK	1	1	1	1				
2	1	172A25-68500	MIRROR, REARVIEW	1	1	1	1				

Fig.78. POWER SUPPLY SOCKET

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-17250	SOCKET ASSY	1	1	1					
2	1	172A69-69910	CIGA BOX ASSY (49)	1	1	1					
3	1	172A69-69930	COVER, BOX	1	1	1					
4	1	26014-060122	BOLT, M6X 12	4	4	4					
5	1	26014-080162	BOLT, M8X 16	2	2	2					

Fig.79. HYDRAULIC PUMP MOUNT & JOINT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-71100	MOUNT, PUMP	1	1	1	1				
2	1	26013-100302	BOLT, M10X 30	12	12	12	12				
3	1	172499-71200	COUPLING	1	1	1	1				
4	1	172187-71210	BOLT	3	3	3	3				

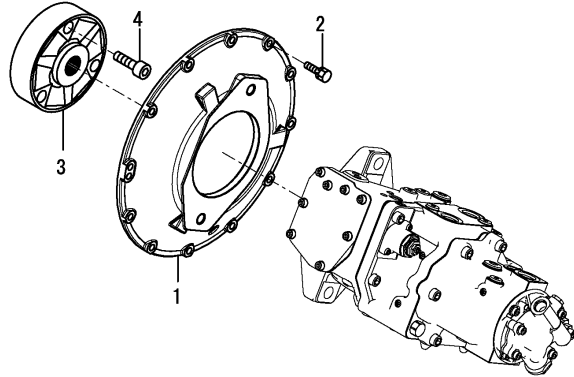
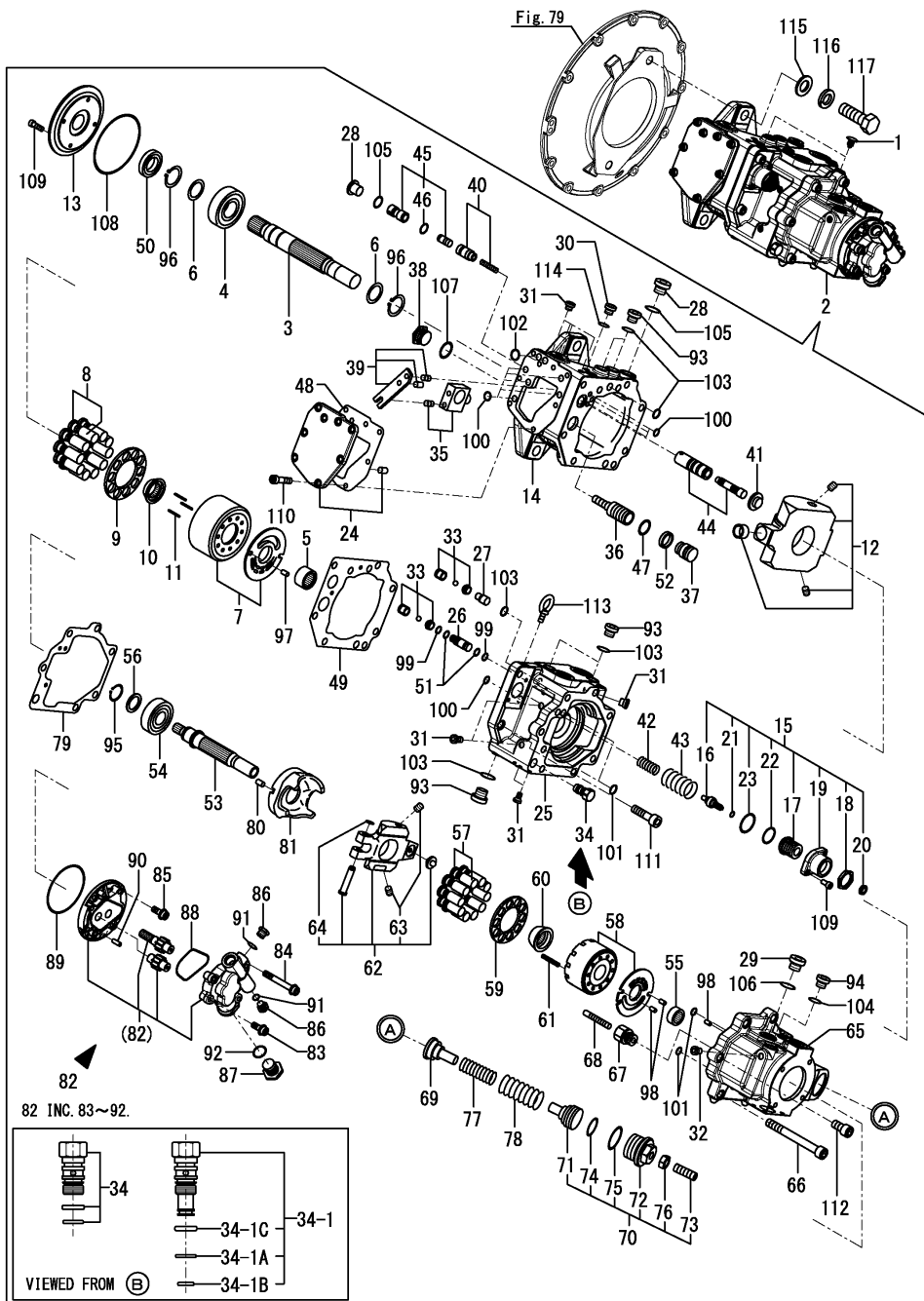


Fig.80. HYDRAULIC PUMP



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

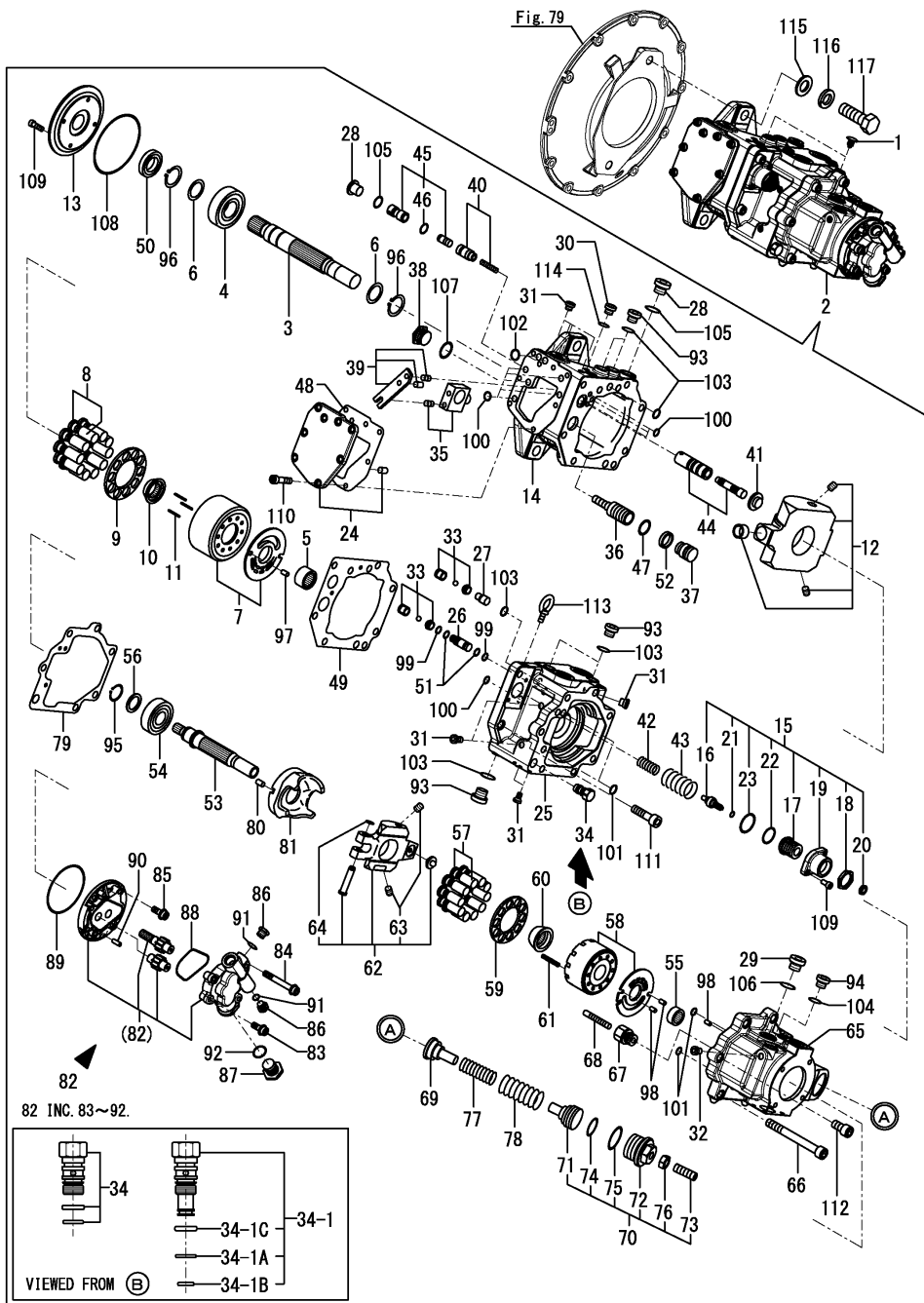
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2	2	2	2				
2	1	172B11-73100	PUMP ASSY	1	1	1	1				
2-1	1	172B11-73200	PUMP ASSY	1	1	1	1				N
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
3	2	172B11-70010	SHAFT	1	1	1	1				
4	2	172B11-70020	BEARING, BALL	1	1	1	1				
5	2	172B11-70030	BEARING, NEEDLE	1	1	1	1				
6	2	172B11-70040	SPACER	2	2	2	2				
7	2	172B11-70050	CYLINDER ASSY	1	1	1	1				
8	2	172B11-70060	PISTON ASSY	1	1	1	1				
9	2	172B11-70070	PLATE	1	1	1	1				
10	2	172B11-70080	BUSH	1	1	1	1				
11	2	172B11-70090	SPRING	10	10	10	10				
12	2	172B11-70100	PLATE ASSY	1	1	1	1				
13	2	172B11-70110	COVER	1	1	1	1				
14	2	172B11-70120	CASE	1	1	1	1				
15	2	172B11-70130	COVER ASSY	1	1	1	1				
16	3	172B11-70350	ROD, ADJUST	1	1	1	1				
17	3	172B11-70360	NUT, ADJUST	1	1	1	1				
18	3	172B11-70370	NUT, LOCK	1	1	1	1				
19	3	172B11-70380	COVER, SPRING	1	1	1	1				
20	3	172B11-70520	NUT	1	1	1	1				
21	3	24315-000090	O-RING, 1BP9.0	1	1	1	1				
22	3	24315-000260	O-RING, 1BP26.0	1	1	1	1				
23	3	24325-000350	O-RING, 1BG35.0	1	1	1	1				
24	2	172B11-70140	COVER ASSY	1	1	1	1				
25	2	172B11-70150	BLOCK, VALVE	1	1	1	1				
26	2	172B11-70160	PIPE, SEAL	1	1	1	1				
27	2	172B11-70170	SPACER	1	1	1	1				
28	2	172B11-70190	PLUG, G1/2	2	2	2	2				
29	2	172B11-70190	PLUG, G1/2	1	1	1	1				
30	2	172B11-70200	PLUG, G1/8	1	1	1	1				
31	2	172B11-70210	PLUG, M7X0.75	9	9	9	9				
32	2	172B11-70210	PLUG, M7X0.75	1	1	1	1				
33	2	172B11-70220	VALVE ASSY, CHECK	2	2	2	2				
34	2	172B27-73160	PLUG ASSY, CAVITY	1	1	1	1				
34-1	2	172B11-70900	PLUG, CAVITY	1	1	1	1				N
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
34-1A	3	172B11-70450	O-RING, AS568-015	1	1	1	1				W
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
34-1B	3	24315-000100	O-RING, 1BP10.0	1	1	1	1				W
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
34-1C	3	24315-000140	O-RING, 1BP14.0	1	1	1	1				W
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
35	2	172B11-70240	PIN ASSY	1	1	1	1				
36	2	172B11-70250	PISTON, SERVO	1	1	1	1				
37	2	172B11-70260	STOPPER, L	1	1	1	1				
38	2	172B11-70270	PLUG	1	1	1	1				
39	2	172B11-70300	LEVER ASSY, FEED BAC	1	1	1	1				
40	2	172B11-70310	PISTON ASSY	1	1	1	1				
41	2	172B11-70320	SEAT, SPRING	1	1	1	1				

Fig.80. HYDRAULIC PUMP

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

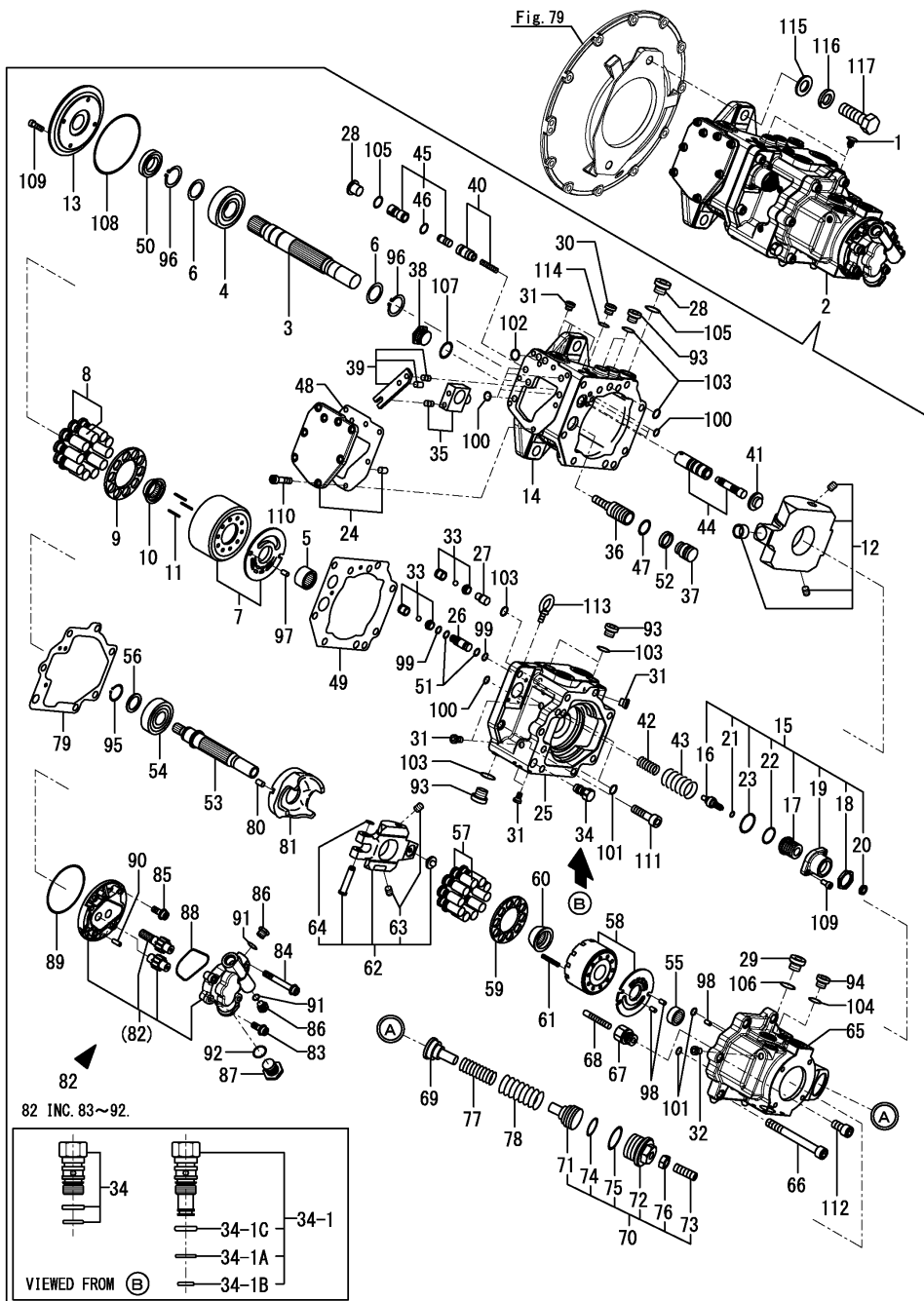


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	2	172B11-70330	SPRING, INNER	1	1	1	1				
42-1	2	172B11-70910	SPRING, INNER	1	1	1	1			N	
		(A=M11548) (B=M11548) (C=M11548) (D=M11548)									
43	2	172B11-70340	SPRING, OUTER	1	1	1	1				
44	2	172B11-70400	SPOOL ASSY	1	1	1	1				
45	2	172B11-70410	PISTON ASSY,PF	1	1	1	1				
46	3	172B11-70450	O-RING, AS568-015	1	1	1	1				
47	2	172B11-70460	O-RING	1	1	1	1				
48	2	172B11-70470	SEAT, PACKING T	1	1	1	1				
49	2	172B11-70480	SEAT, PACKING F	1	1	1	1				
50	2	172B11-70490	SEAL, OIL	1	1	1	1				
51	2	172B11-70500	RING, BACK UP	2	2	2	2				
52	2	172B11-70510	RING, BACK UP	1	1	1	1				
53	2	172B11-70550	SHAFT, DRIVE	1	1	1	1				
54	2	172B11-70560	BEARING, BALL	1	1	1	1				
55	2	172B11-70570	BEARING, NEEDLE	1	1	1	1				
56	2	172B11-70580	SPACER	1	1	1	1				
57	2	172B11-70600	PISTON ASSY	1	1	1	1				
58	2	172B11-70610	CYLINDER ASSY	1	1	1	1				
59	2	172B11-70620	PLATE	1	1	1	1				
60	2	172B11-70630	BUSH	1	1	1	1				
61	2	172B11-70640	SPRING	6	6	6	6				
62	2	172B11-70650	PLATE ASSY	1	1	1	1				
63	3	172455-77150	PLUG	2	2	2	2				
64	3	22242-000120	RING, 12	1	1	1	1				
65	2	172B11-70660	CASE	1	1	1	1				
66	2	172B11-70670	BOLT, SOCKET M12-150	6	6	6	6				
67	2	172B11-70680	CASE, PISTON	1	1	1	1				
68	2	172B11-70690	PIN	1	1	1	1				
69	2	172B11-70700	SEAT, SPRING	1	1	1	1				
70	2	172B11-70710	PLUG ASSY	1	1	1	1				
71	3	172B11-70720	ROD, ADJUST	1	1	1	1				
72	3	172B11-70750	PLUG	1	1	1	1				
73	3	172B11-70780	BOLT, ADJUST	1	1	1	1				
74	3	24315-000380	O-RING	1	1	1	1				
75	3	24315-000500	O-RING, 1BP50.0	1	1	1	1				
76	3	26756-160002	NUT, LOCK M16	1	1	1	1				
77	2	172B11-70730	SPRING, INNER	1	1	1	1				
78	2	172B11-70740	SPRING, OUTER	1	1	1	1				
79	2	172B11-70760	SEAT, PACKING R	1	1	1	1				
80	2	172B11-70770	PIN	1	1	1	1				
81	2	172B11-70790	SUPPORT	1	1	1	1				
82	2	172B11-73150	PUMP ASSY, GEAR	1	1	1	1				
83	3	172B11-70800	SOCKET, FLANGE	2	2	2	2				
84	3	172B11-70810	SOCKET, FLANGE	2	2	2	2				
85	3	172B11-70820	SOCKET, FLANGE	4	4	4	4				
86	3	172B11-70830	PLUG, G1/4	2	2	2	2				
87	3	172B11-70840	PLUG, G3/4	1	1	1	1				
88	3	172B11-70850	RING	1	1	1	1				
89	3	172B11-70860	O-RING, AS568-152	1	1	1	1				
90	3	172B11-70870	PIN	2	2	2	2				

Fig.80. HYDRAULIC PUMP

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

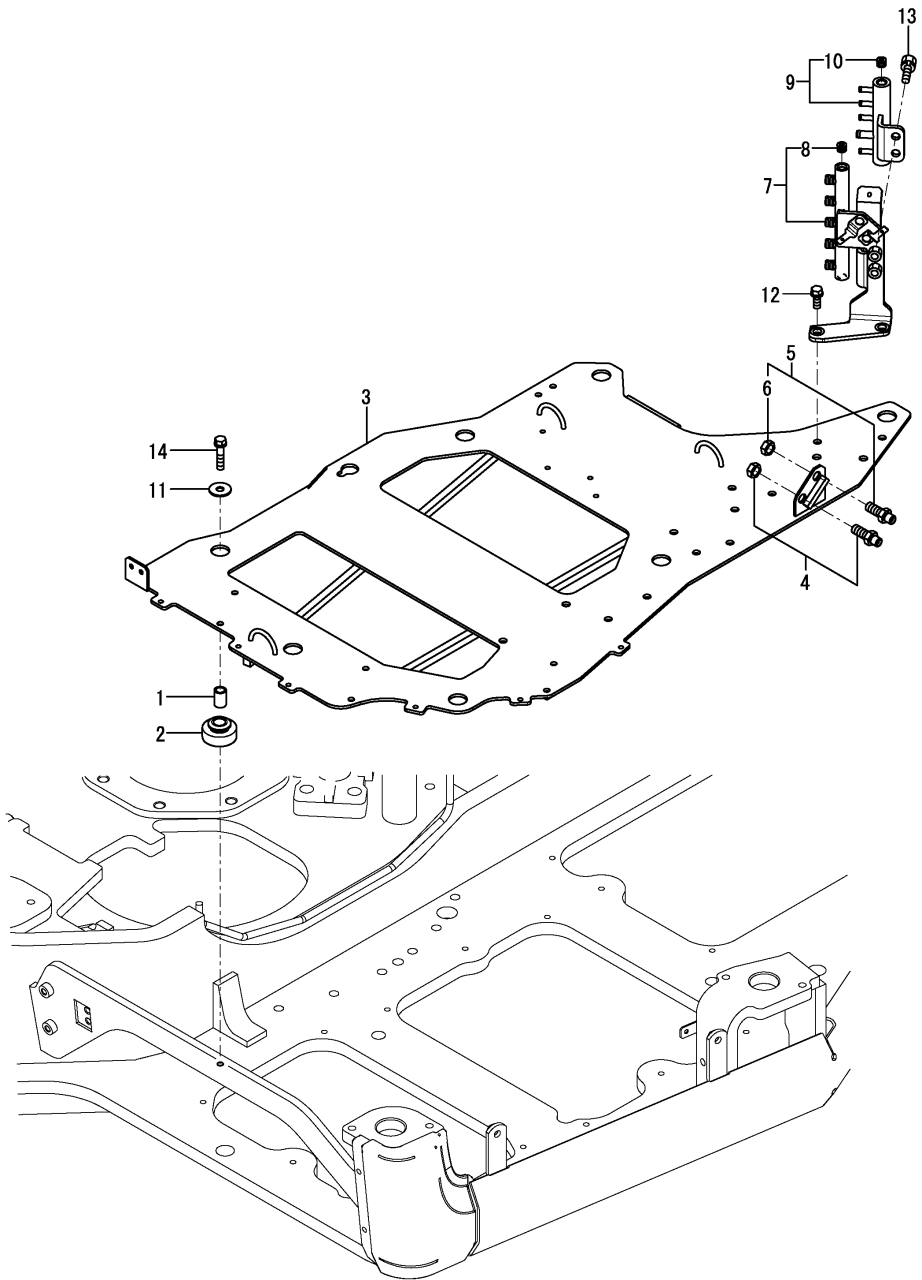


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
91	3	24315-000110	O-RING, 1BP11.0	2	2	2	2				
92	3	24315-000240	O-RING, 1BP24.0	1	1	1	1				
93	2	172455-77140	PLUG	5	5	5	5				
94	2	172455-77140	PLUG	1	1	1	1				
95	2	22242-000250	RING, 25	1	1	1	1				
96	2	22242-000350	RING, 35	2	2	2	2				
97	2	22351-060014	PIN, SPRING 6.0X14	1	1	1	1				
98	2	22351-060014	PIN, SPRING 6.0X14	3	3	3	3				
99	2	24315-000070	O-RING, 1BP7.0	2	2	2	2				
100	2	24316-000080	O-RING, 4DP8.0	9	9	9	9				
101	2	24316-000080	O-RING, 4DP8.0	4	4	4	4				
102	2	24315-000100	O-RING, 1BP10.0	2	2	2	2				
103	2	24315-000110	O-RING, 1BP11.0	7	7	7	7				
104	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
105	2	24315-000180	O-RING, 1BP18.0	2	2	2	2				
106	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
107	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
108	2	24325-000850	O-RING, 1BG85.0	1	1	1	1				
109	2	26450-060202	BOLT, M6X 20	6	6	6	6				
110	2	26450-080252	BOLT, M8X 25	8	8	8	8				
111	2	26450-120402	BOLT, M12X 40	3	3	3	3				
112	2	26450-120402	BOLT, M12X 40	1	1	1	1				
113	2	26617-100002	BOLT, EYE M10	2	2	2	2				
114	2	24315-000080	O-RING, 1BP8.0	1	1	1	1				
115	1	22137-180000	WASHER, 18	2	2	2	2				
116	1	22217-180000	WASHER, SPRING 18	2	2	2	2				
117	1	26116-180552	BOLT, M18X 55 PLATED	2	2	2	2				

Fig.81. CONTROL VALVE PLATE

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

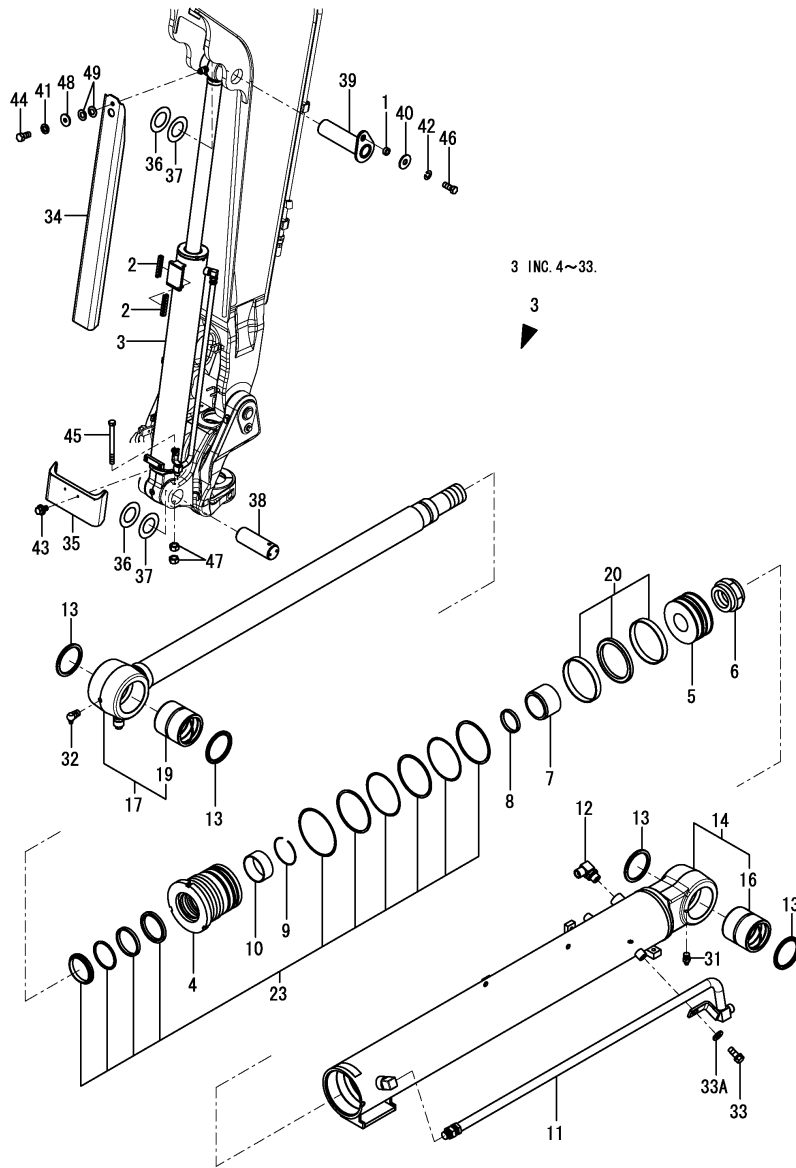


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-71550	COLLAR	7	7	7	7				
2	1	172A69-71560	GROMMET	7	7	7	7				
3	1	172B11-71600	PLATE ASSY, VALVE	1	1	1	1				
4	1	172151-76050	JOINT	1	1	1	1				
5	1	172A89-76150	JOINT	1	1	1	1				
6	2	172A89-76160	NUT, LOCK	1	1	1	1				
7	1	172A69-76680	MOUNT ASSY, BLOCK	1	1	1	1				
8	2	23871-020000	PLUG, R02	1	1	1	1				
9	1	172B11-76720	MOUNT ASSY, BLOCK DR	1	1	1	1				
10	2	23871-020000	PLUG, R02	1	1	1	1				
11	1	22157-100000	WASHER, 10	7	7	7	7				
12	1	26013-100252	BOLT, M10X 25	2	2	2	2				
13	1	26013-100252	BOLT, M10X 25	2	2	2	2				
14	1	26013-100452	BOLT, M10X 45	7	7	7	7				

Fig.82. BOOM CYLINDER(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1	1	1				
2	1	172162-61770	GUIDE, SLIDE	2	2	2	2				
3	1	172B11-72100	CYLINDER ASSY, BOOM	1	1	1	1				Z 1
(A=M1F437) (B=M1F437) (C=M1F437) (D=M1F437)											
4	2	172B11-72110	HEAD	1	1	1	1				
5	2	172B11-72120	PISTON	1	1	1	1				
6	2	172B11-72130	NUT, LOCK	1	1	1	1				
7	2	172B11-72140	PLUNGER, CUSHION	1	1	1	1				
8	2	172B11-72150	SEAL, CUSHION	1	1	1	1				
9	2	172B11-72160	RING, RETAINING	1	1	1	1				
10	2	172B11-72170	BEARING, SLEEVE	1	1	1	1				
11	2	172B11-72180	PIPE ASSY	1	1	1	1				
12	2	172B11-72190	ELBOW, G1/2	1	1	1	1				
13	2	172B11-72200	SEAL, DUST PIN 70	4	4	4	4				
14	2	172B11-72210	REPAIR KIT, TUBE AS	1	1	1	1				
16	3	172B11-71220	BUSH, PIN 70	1	1	1	1				
17	2	172B11-72220	REPAIR KIT, ROD AS	1	1	1	1				
19	3	172B11-71220	BUSH, PIN 70	1	1	1	1				
20	2	172B11-72230	SEAL KIT, PISTON	1	1	1	1				
23	2	172B11-72240	SEAL KIT, HEAD	1	1	1	1				
31	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
32	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
33	2	26076-100162	BOLT, 10 X 16	1	1	1	1				
33A	2	22137-100000	WASHER, 10	1	1	1	1				W
(A=*2013.12) (B=*2013.12) (C=*2013.12) (D=*2013.12)											
34	1	172187-72910-N	COVER, SLIDE	1	1	1	1				
35	1	172A89-72960-N	COVER, HOSE	1	1	1	1				
36	1	172176-81700	SHIM, 70X120X0.8	2	2	2	2				
37	1	172176-81710	SHIM, 70X120X0.5	2	2	2	2				
38	1	172187-81801	PIN, 70X200	1	1	1	1				
39	1	172A89-81810	PIN ASSY, 70X252	1	1	1	1				
40	1	22157-140000	WASHER, 14	1	1	1	1				
41	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
42	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
43	1	26014-100202	BOLT, M10X 20	2	2	2	2				
44	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1				
45	1	26116-121402	BOLT, M12X140 PLATED	1	1	1	1				
46	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				
47	1	26716-120002	NUT, M12	2	2	2	2				
48	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1				
49	1	933168-14170	SPRING, 16	2	2	2	2				

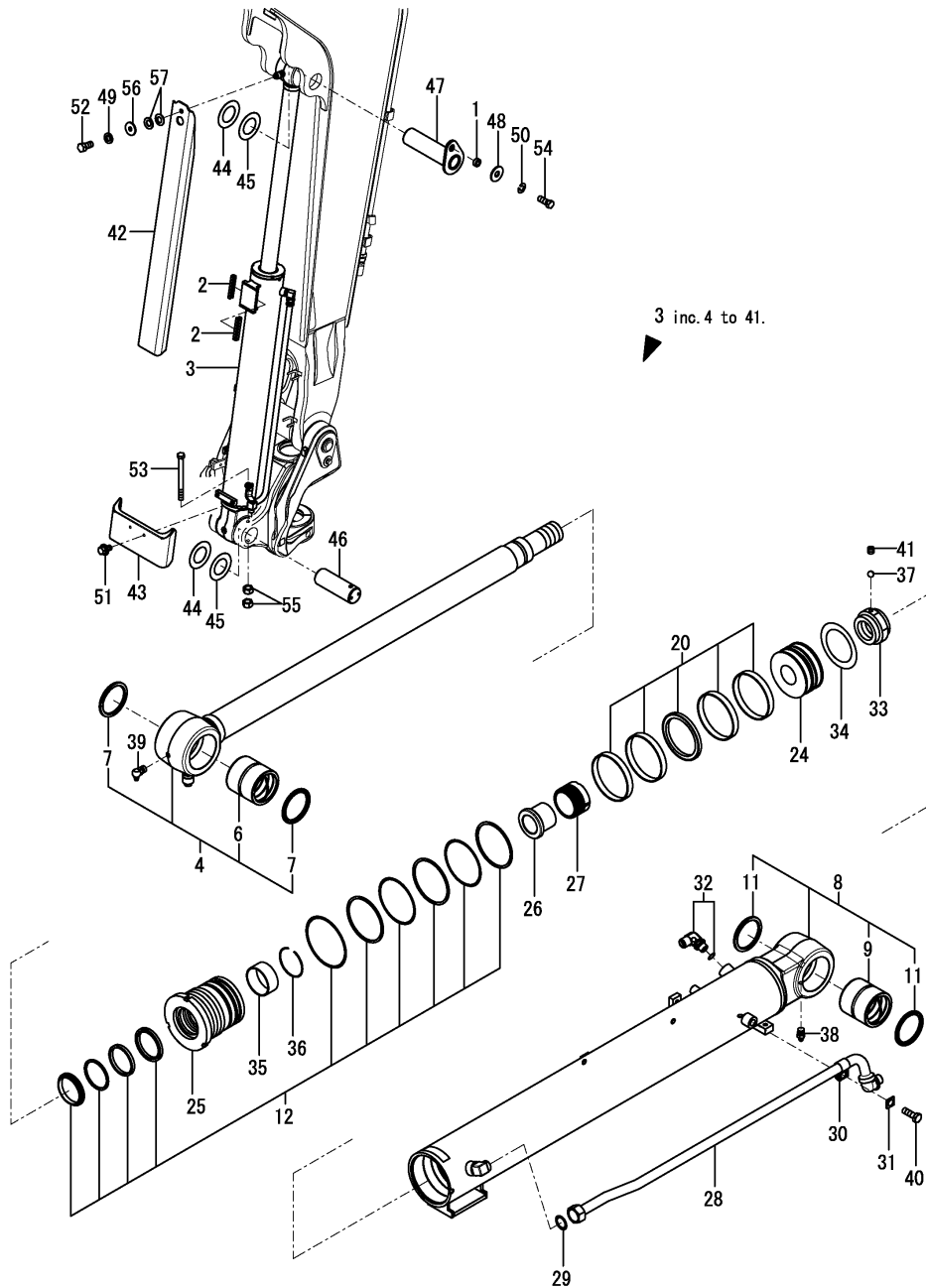
Remarks

(1)Interchangeable by Fig.202(82A) No.3.
 The inner parts are not compatible.

Fig.202. (82A)BOOM CYLINDER(H SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

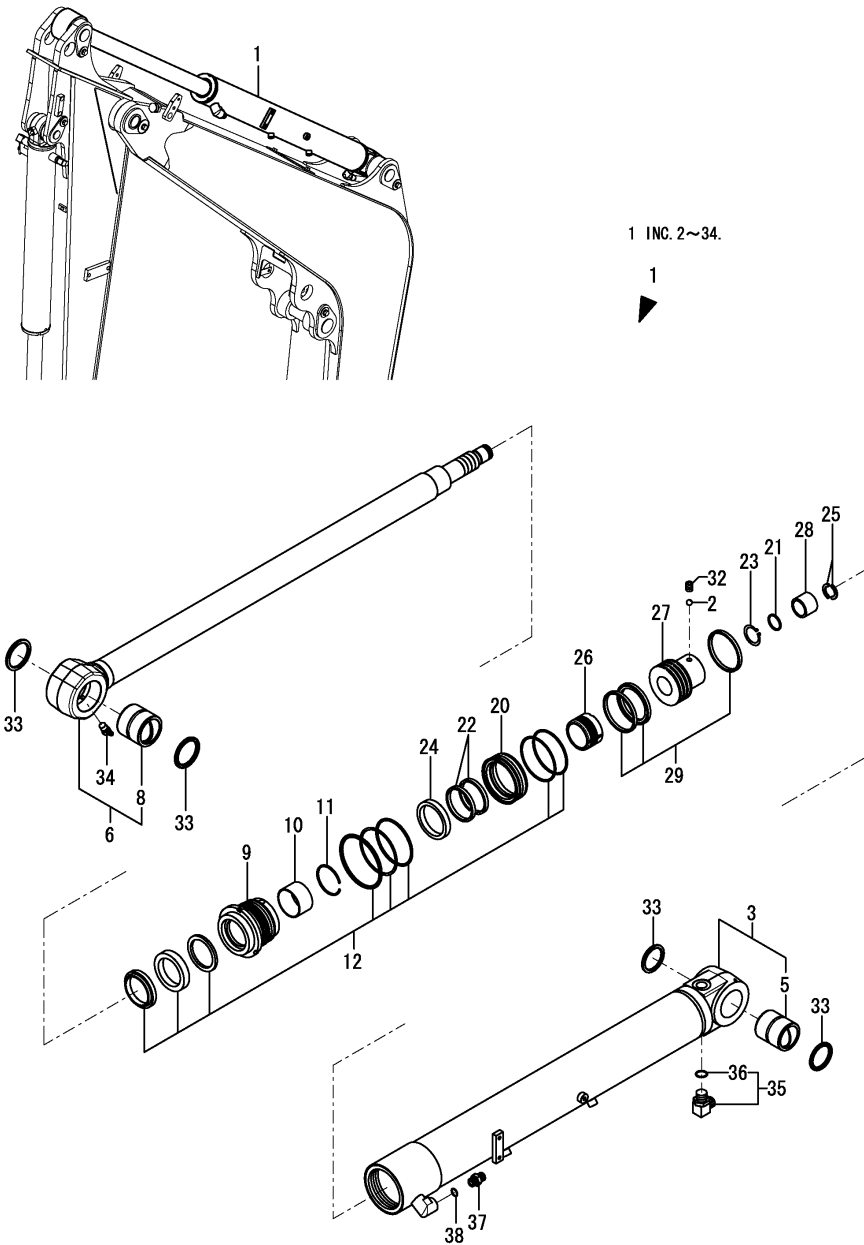


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1	1	1				
2	1	172162-61770	GUIDE, SLIDE	2	2	2	2				
3	1	172B11-72101	CYLINDER ASSY, BOOM	1	1	1	1				W
4	2	172B11-96100	REPAIR KIT, ROD	1	1	1	1				
6	3	172B11-96120	BUSH, PIN 70X85X83	1	1	1	1				
7	3	172B11-96150	SEAL, DUST ROD 70	2	2	2	2				
8	2	172B11-96130	REPAIR KIT, TUBE	1	1	1	1				
9	3	172B11-96120	BUSH, PIN 70X85X83	1	1	1	1				
11	3	172B11-96150	SEAL, DUST ROD 70	2	2	2	2				
12	2	172B11-96160	SEAL KIT, HEAD 115 65	1	1	1	1				
20	2	172B11-96200	SEAL KIT, PISTON 115	1	1	1	1				
24	2	172B11-96240	PISTON, 115	1	1	1	1				
25	2	172B11-96250	HEAD, CYLINDER 115 65	1	1	1	1				
26	2	172B11-96260	BUSH, FLANGE 65	1	1	1	1				
27	2	172B11-96270	PLUNGER, CUSHION 78	1	1	1	1				
28	2	172B11-96280	PIPE ASSY	1	1	1	1				
29	2	172B11-97240	O-RING, 20X2	1	1	1	1				
30	2	172B11-97380	CLAMP, PIPE	1	1	1	1				
31	2	172B11-97390	WASHER	1	1	1	1				
32	2	172B11-97420	ELBOW, G1/2	1	1	1	1				
33	2	172B11-97710	NUT, M52	1	1	1	1				
34	2	172B11-97720	SHIM, 65X52.5X0.5	1	1	1	1				
35	2	172B11-97740	BUSH, 65X70X30	1	1	1	1				
36	2	172B11-97750	RING, RETAINING 65	1	1	1	1				
37	2	24190-080001	BALL, STEEL 1/4	1	1	1	1				
38	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
39	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
40	2	26076-080202	BOLT, 8 X 20	1	1	1	1				
41	2	26979-100122	SCREW, M10X12	1	1	1	1				
42	1	172187-72910-N	COVER, SLIDE	1	1	1	1				
43	1	172A89-72960-N	COVER, HOSE	1	1	1	1				
44	1	172176-81700	SHIM, 70X120X0.8	2	2	2	2				
45	1	172176-81710	SHIM, 70X120X0.5	2	2	2	2				
46	1	172187-81801	PIN, 70X200	1	1	1	1				
47	1	172A89-81810	PIN ASSY, 70X252	1	1	1	1				
48	1	22157-140000	WASHER, 14	1	1	1	1				
49	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
50	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
51	1	26014-100202	BOLT, M10X 20	2	2	2	2				
52	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1				
53	1	26116-121402	BOLT, M12X140 PLATED	1	1	1	1				
54	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				
55	1	26716-120002	NUT, M12	2	2	2	2				
56	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1				
57	1	933168-14170	SPRING, 16	2	2	2	2				

Fig.83. ARM CYLINDER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

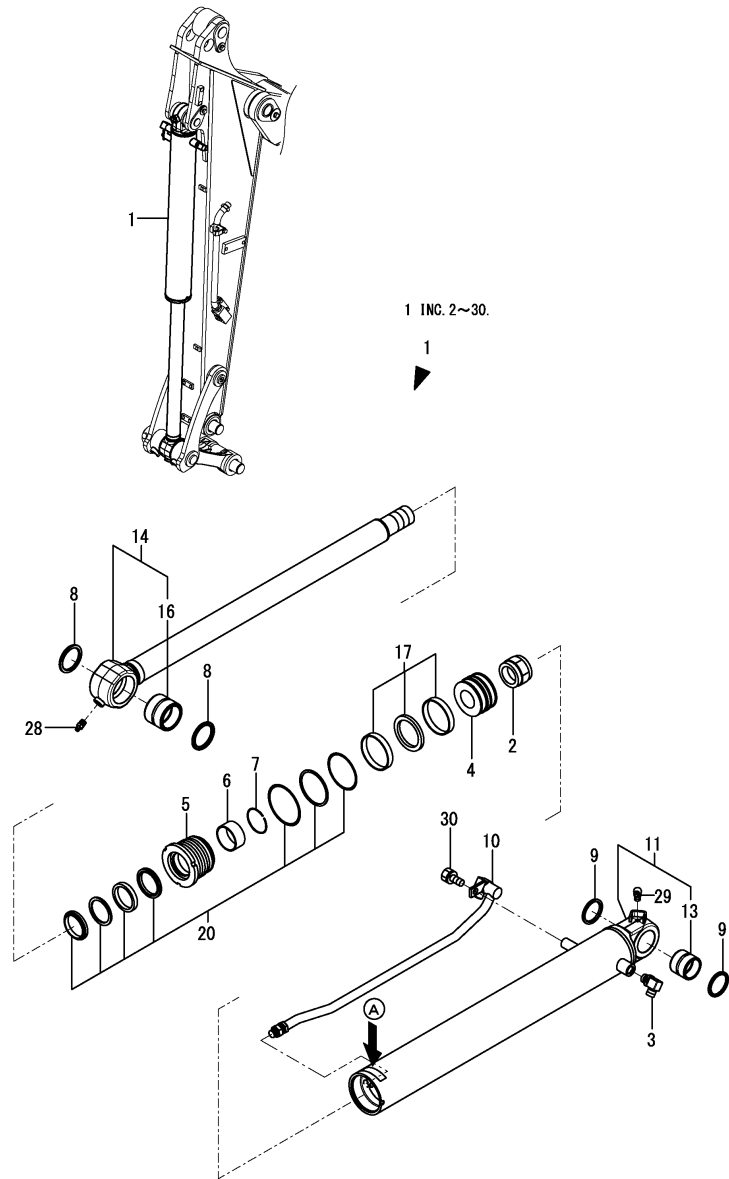


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-72300-N	CYLINDER ASSY, ARM	1	1	1	1				
2	2	172124-70030	BALL, STEEL	1	1	1	1				
3	2	172A89-72310-N	TUBE KIT, CYLINDER	1	1	1	1				
5	3	172A69-72480	BUSH, PIN	1	1	1	1				
6	2	172A89-72330	ROD KIT, PISTON	1	1	1	1				
8	3	172A69-72490	BUSH, PIN	1	1	1	1				
9	2	172A89-72350	HEAD, CYLINDER	1	1	1	1				
10	2	172A89-72360	BUSH	1	1	1	1				
11	2	172A89-72370	RING, SNAP	1	1	1	1				
12	2	172A89-72380	REPAIR KIT, CYLINDER	1	1	1	1				
20	2	172A89-72440	HOLDER	1	1	1	1				
21	2	172A69-72450	SEAL, CUSHION	1	1	1	1				
22	2	172A89-72450	SEAL, CUSHION	2	2	2	2				
23	2	172A69-72460	RING, SNAP	1	1	1	1				
24	2	172A89-72460	COLLAR	1	1	1	1				
25	2	172A69-72470	STOPPER	2	2	2	2				
26	2	172A89-72470	BEARING, CUSHION	1	1	1	1				
27	2	172A89-72480	PISTON	1	1	1	1				
28	2	172A89-72490	BEARING, CUSHION	1	1	1	1				
29	2	172A89-72750	REPAIR KIT, CYLINDER	1	1	1	1				
32	2	172162-72930	SCREW, SETTING	1	1	1	1				
33	2	172162-72950	SEAL, DUST	4	4	4	4				
34	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
35	1	172141-76900	CONNECTOR ASSY	1	1	1	1				
36	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
37	1	172112-77361	CONNECTOR	1	1	1	1				
38	1	41851-000180	O-RING	1	1	1	1				

Fig.84. BUCKET CYLINDER(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72500	CYLINDER ASSY,BUCKET	1	1	1	1			Z	
		(A=*2016.03) (B=*2016.03) (C=*2016.03) (D=*2016.03)									
2	2	172B11-72130	NUT, LOCK	1	1	1	1				
3	2	172B11-72190	ELBOW, G1/2	1	1	1	1				
4	2	172B11-72510	PISTON	1	1	1	1				
5	2	172B11-72520	HEAD	1	1	1	1				
6	2	172B11-72530	BEARING, SLEEVE	1	1	1	1				
7	2	172B11-72540	RING, RETAINING	1	1	1	1				
8	2	172B11-72550	SEAL, DUST PIN 60	2	2	2	2				
9	2	172B11-72560	SEAL, DUST PIN 50	2	2	2	2				
10	2	172B11-72570	PIPE ASSY	1	1	1	1				
11	2	172B11-72580	REPAIR KIT, TUBE AS	1	1	1	1				
13	3	172B11-71330	BUSH, PIN 50	1	1	1	1				
14	2	172B11-72590	REPAIR KIT, ROD AS	1	1	1	1				
16	3	172B11-71320	BUSH, PIN 60	1	1	1	1				
17	2	172B11-72600	SEAL KIT, PISTON	1	1	1	1				
20	2	172B11-72610	SEAL KIT, HEAD	1	1	1	1				
28	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
29	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
30	2	26076-100162	BOLT, 10 X 16	1	1	1	1				

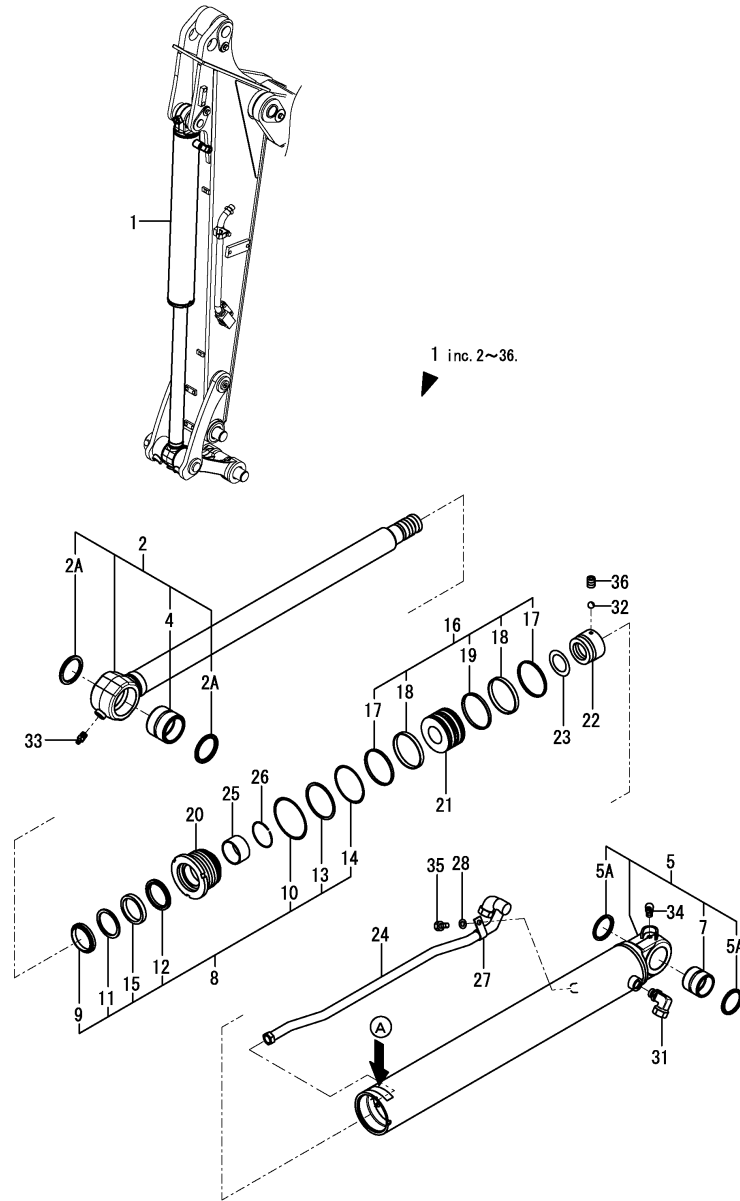
Remarks

* A : There is parts No. & serial No.(K448XXX)
 Interchangeable by Fig.191(84A).
 The inner parts are not compatible.

Fig.191. (84A)BUCKET CYLINDER(J SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72501	CYLINDER ASSY, BUCKET	1	1	1	1				W
		(A=*2016.03) (B=*2016.03) (C=*2016.03) (D=*2016.03)									
2	2	172B11-97100	REPAIR KIT, ROD	1	1	1	1				
2A	3	172B11-97400	SEAL, DUST PIN 60X75	2	2	2	2				W
		(A=*2017.04.) (B=*2017.04.) (C=*2017.04.) (D=*2017.04.)									
4	3	172B11-97120	BUSH, PIN 60X75X58	1	1	1	1				
5	2	172B11-97130	REPAIR KIT, TUBE	1	1	1	1				
5A	3	172B11-97410	SEAL, DUST PIN 50X60	2	2	2	2				W
		(A=*2017.04.) (B=*2017.04.) (C=*2017.04.) (D=*2017.04.)									
7	3	172B11-97150	BUSH, PIN 50X60X48	1	1	1	1				
8	2	172B11-97160	SEAL KIT, HEAD 95 60	1	1	1	1				
9	3	172B11-97170	SEAL, DUST ROD 60	1	1	1	1				
10	3	172B11-97180	O-RING, NBR HS90	1	1	1	1				
11	3	172B11-97190	SEAL, ROD 60	1	1	1	1				
12	3	172B11-97200	SEAL, BUFFER 60	1	1	1	1				
13	3	172B11-97210	RING, BACK UP	1	1	1	1				
14	3	172B11-97220	O-RING, NBR HS90	1	1	1	1				
15	3	172B11-97230	RING, BACK UP 60	1	1	1	1				
16	2	172B11-97250	SEAL KIT, PISTON 95	1	1	1	1				
17	3	172B11-97260	RING, WEAR 95	2	2	2	2				
18	3	172B11-97270	RING, WEAR 95	2	2	2	2				
19	3	172B11-97280	SEAL, PISTON 95	1	1	1	1				
20	2	172B11-97290	HEAD, CYLINDER 95 60	1	1	1	1				
21	2	172B11-97300	PISTON, 95	1	1	1	1				
22	2	172B11-97310	NUT, M45	1	1	1	1				
23	2	172B11-97320	SHIM, 65X45X0.5	1	1	1	1				
24	2	172B11-97330	PIPE ASSY	1	1	1	1				
25	2	172B11-97340	BUSH, 60X65X30	1	1	1	1				
26	2	172B11-97350	RING, RETAINING 60	1	1	1	1				
27	2	172B11-97380	CLAMP, PIPE	1	1	1	1				
28	2	172B11-97390	WASHER	1	1	1	1				
31	2	172B11-97420	ELBOW, G1/2	1	1	1	1				
32	2	24190-080001	BALL, STEEL 1/4	1	1	1	1				
33	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
34	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
35	2	26076-080202	BOLT, 8 X 20	1	1	1	1				
36	2	26979-100122	SCREW, M10X12	1	1	1	1				

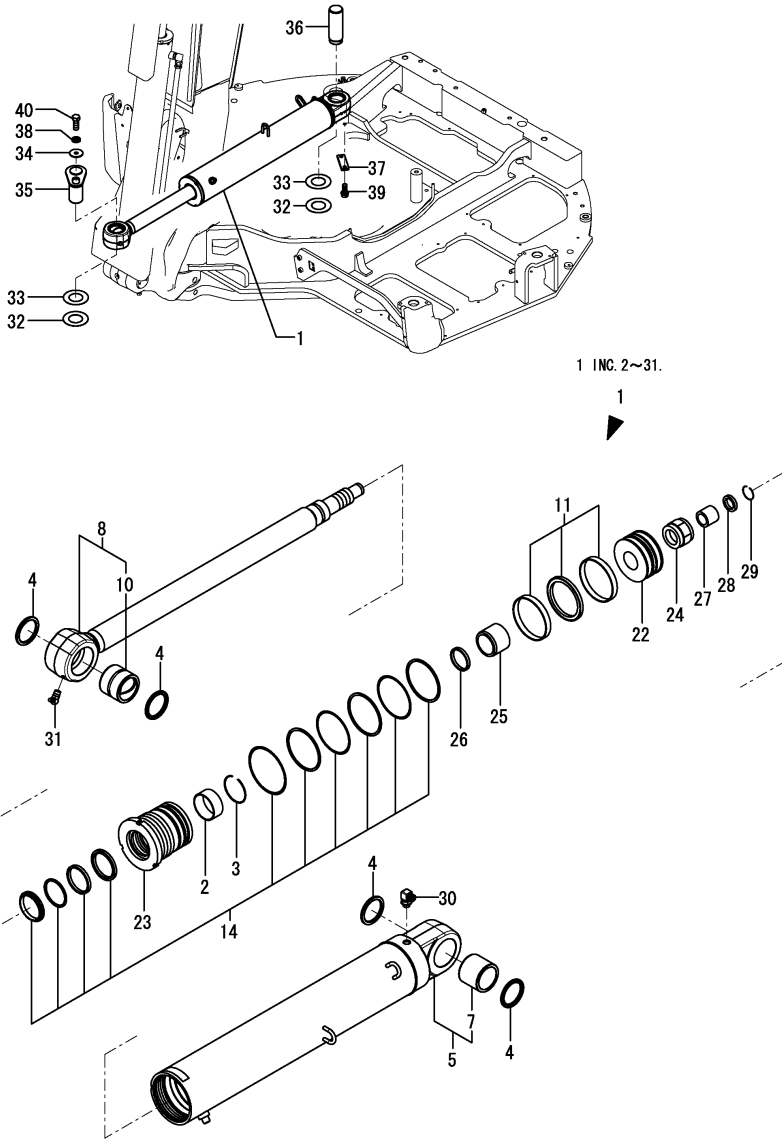
Remarks

* A : There is parts No. & serial No.(172B11-72501HXXX)
 The inner parts are not compatible.

Fig.85. SWING CYLINDER(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72700	CYLINDER ASSY, SWING	1	1	1	1			Z	1
		(A=M1F437) (B=M1F437) (C=M1F437) (D=M1F437)									
2	2	172B11-72530	BEARING, SLEEVE	1	1	1	1				
3	2	172B11-72540	RING, RETAINING	1	1	1	1				
4	2	172B11-72550	SEAL, DUST PIN 60	4	4	4	4				
5	2	172B11-72620	REPAIR KIT, TUBE AS	1	1	1	1				
7	3	172B11-71520	BUSH, PIN 60	1	1	1	1				
8	2	172B11-72630	REPAIR KIT, ROD AS	1	1	1	1				
10	3	172B11-71530	BUSH, PIN 60	1	1	1	1				
11	2	172B11-72640	SEAL KIT, PISTON	1	1	1	1				
14	2	172B11-72650	SEAL KIT, HEAD	1	1	1	1				
22	2	172B11-72710	PISTON	1	1	1	1				
23	2	172B11-72720	HEAD	1	1	1	1				
24	2	172B11-72730	NUT, LOCK	1	1	1	1				
25	2	172B11-72740	PLUNGER, CUSHION	1	1	1	1				
26	2	172B11-72750	SEAL, CUSHION	1	1	1	1				
27	2	172B11-72760	PLUNGER, CUSHION	1	1	1	1				
28	2	172B11-72770	RING, PLATE	1	1	1	1				
29	2	172B11-72780	RING, RETAINING	1	1	1	1				
30	2	172B11-72790	ELBOW, G3/8	1	1	1	1				
31	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
32	1	172175-81700	SHIM, 60X110X0.8	4	4	4	4				
33	1	172175-81710	SHIM, 60X110X0.5	4	4	4	4				
34	1	172187-81970	WASHER, 15X58X3.2	1	1	1	1				
35	1	172187-82370	PIN ASSY, 60X144	1	1	1	1				
36	1	172A69-82370	PIN, 60X155	1	1	1	1				
37	1	172162-94280-3	PLATE, LOCK	1	1	1	1				
38	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
39	1	26013-120302	BOLT, M12X 30	2	2	2	2				
40	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				

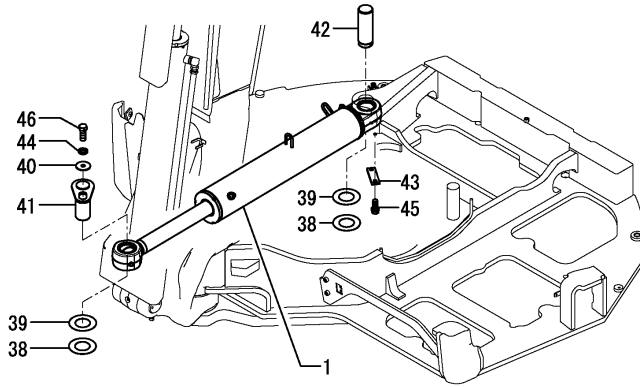
Remarks

(1)Interchangeable by Fig.203(85A) No.1.
 The inner parts are not compatible.

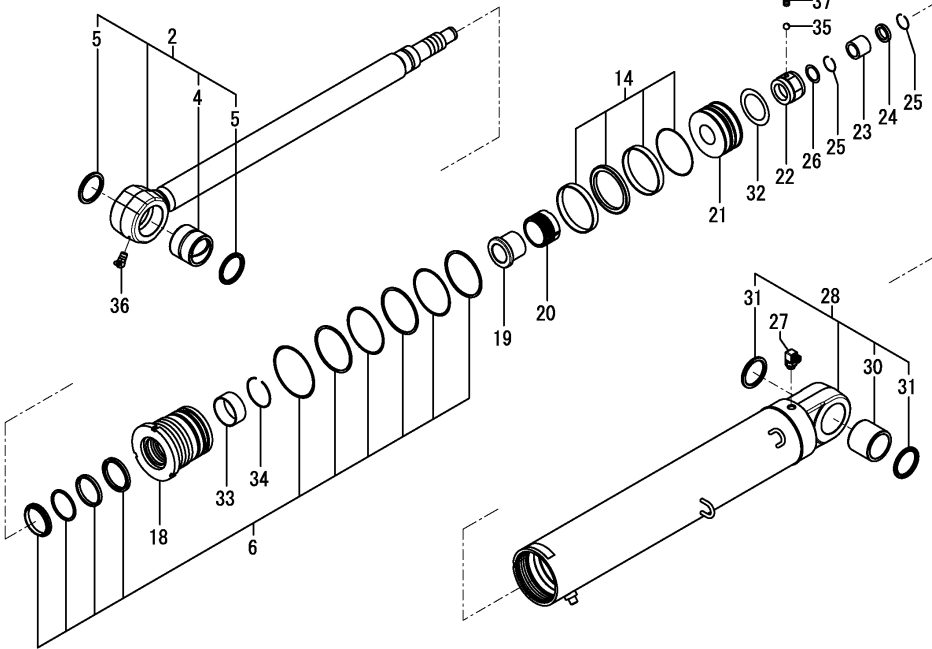
Fig.203. (85A)SWING CYLINDER(H SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



1 inc. 2 to 37.

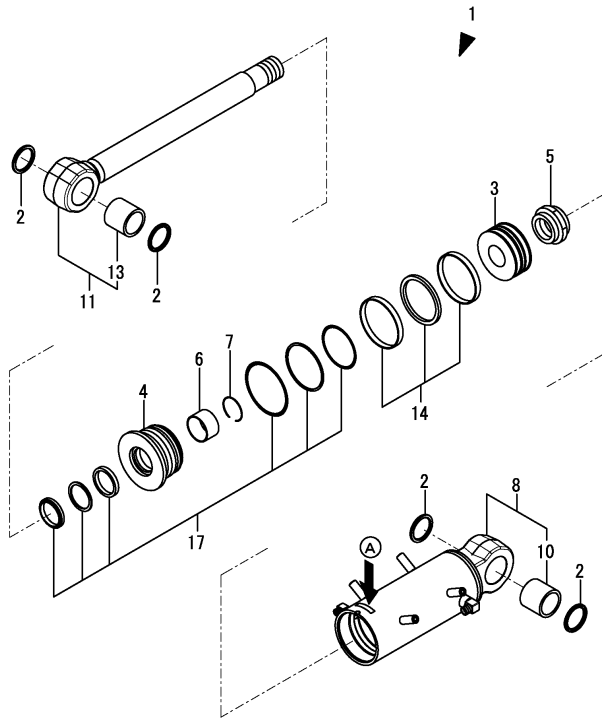
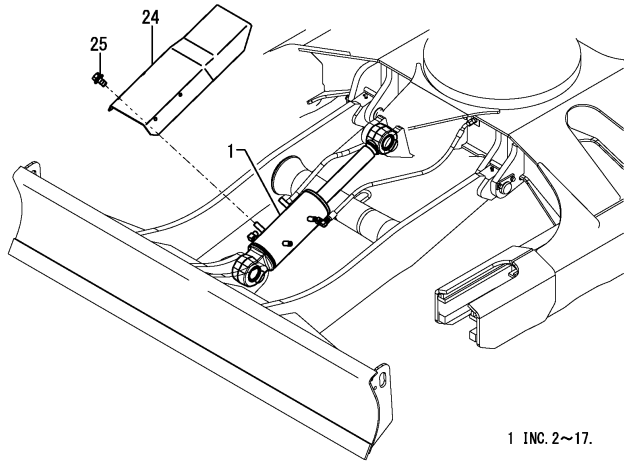


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72701 (A=M1F437) (B=M1F437) (C=M1F437) (D=M1F437)	CYLINDER ASSY, SWING	1	1	1	1				W
2	2	172B11-96400	REPAIR KIT, ROD	1	1	1	1				
4	3	172B11-96420	BUSH, PIN 60X75X63	1	1	1	1				
5	3	172B11-97400	SEAL, DUST PIN 60X75	2	2	2	2				
6	2	172B11-96460	SEAL KIT,HEAD 120 60	1	1	1	1				
14	2	172B11-96500	SEAL KIT, PISTON 120	1	1	1	1				
18	2	172B11-96550	HEAD,CYLINDER 120 60	1	1	1	1				
19	2	172B11-96560	BUSH, FLANGE 60	1	1	1	1				
20	2	172B11-96570	PLUNGER, CUSHION 78	1	1	1	1				
21	2	172B11-96580	PISTON, 120	1	1	1	1				
22	2	172B11-96590	NUT, M45	1	1	1	1				
23	2	172B11-96600	PLUNGER, CUSHION 32	1	1	1	1				
24	2	172B11-96610	CLAMP, 40X2.8	1	1	1	1				
25	2	172B11-96620	RETAINER, LING26X2.7	2	2	2	2				
26	2	172B11-96630	SEAL, BUFFER 23.5	1	1	1	1				
27	2	172B11-96640	ELBOW, G3/8	1	1	1	1				
28	2	172B11-96700	REPAIR KIT, TUBE	1	1	1	1				
30	3	172B11-96730	BUSH, PIN 60X75X63	1	1	1	1				
31	3	172B11-97400	SEAL, DUST PIN 60X75	2	2	2	2				
32	2	172B11-97320	SHIM, 65X45X0.5	1	1	1	1				
33	2	172B11-97340	BUSH, 60X65X30	1	1	1	1				
34	2	172B11-97350	RING, RETAINING 60	1	1	1	1				
35	2	24190-080001	BALL, STEEL 1/4	1	1	1	1				
36	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
37	2	26979-100122	SCREW, M10X12	1	1	1	1				
38	1	172175-81700	SHIM, 60X110X0.8	4	4	4	4				
39	1	172175-81710	SHIM, 60X110X0.5	4	4	4	4				
40	1	172187-81970	WASHER, 15X58X3.2	1	1	1	1				
41	1	172187-82370	PIN ASSY, 60X144	1	1	1	1				
42	1	172A69-82371	PIN, 60X155	1	1	1	1				
43	1	172162-94280-3	PLATE, LOCK	1	1	1	1				
44	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
45	1	26013-120302	BOLT, M12X 30	2	2	2	2				
46	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				

Fig.86. BLADE CYLINDER(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72800	CYLINDER ASSY, BLADE	1	1	1	1				Z
		(A=*2016.03)	(B=*2016.03)	(C=*2016.03)	(D=*2016.03)						
2	2	172B11-72550	SEAL, DUST PIN 60	4	4	4	4				
3	2	172B11-72810	PISTON	1	1	1	1				
4	2	172B11-72820	HEAD	1	1	1	1				
5	2	172B11-72830	NUT, LOCK	1	1	1	1				
6	2	172B11-72840	BEARING, SLEEVE	1	1	1	1				
7	2	172B11-72850	RING, RETAINING	1	1	1	1				
8	2	172B11-72860	REPAIR KIT, TUBE AS	1	1	1	1				
10	3	172B11-71720	BUSH, PIN 60	1	1	1	1				
11	2	172B11-72870	REPAIR KIT, ROD AS	1	1	1	1				
13	3	172B11-71720	BUSH, PIN 60	1	1	1	1				
14	2	172B11-72880	SEAL KIT, PISTON	1	1	1	1				
17	2	172B11-72890	SEAL KIT, HEAD	1	1	1	1				
24	1	172B11-72900	COVER ASSY, BLADE CY	1	1	1	1				
25	1	26014-100202	BOLT, M10X 20	4	4	4	4				

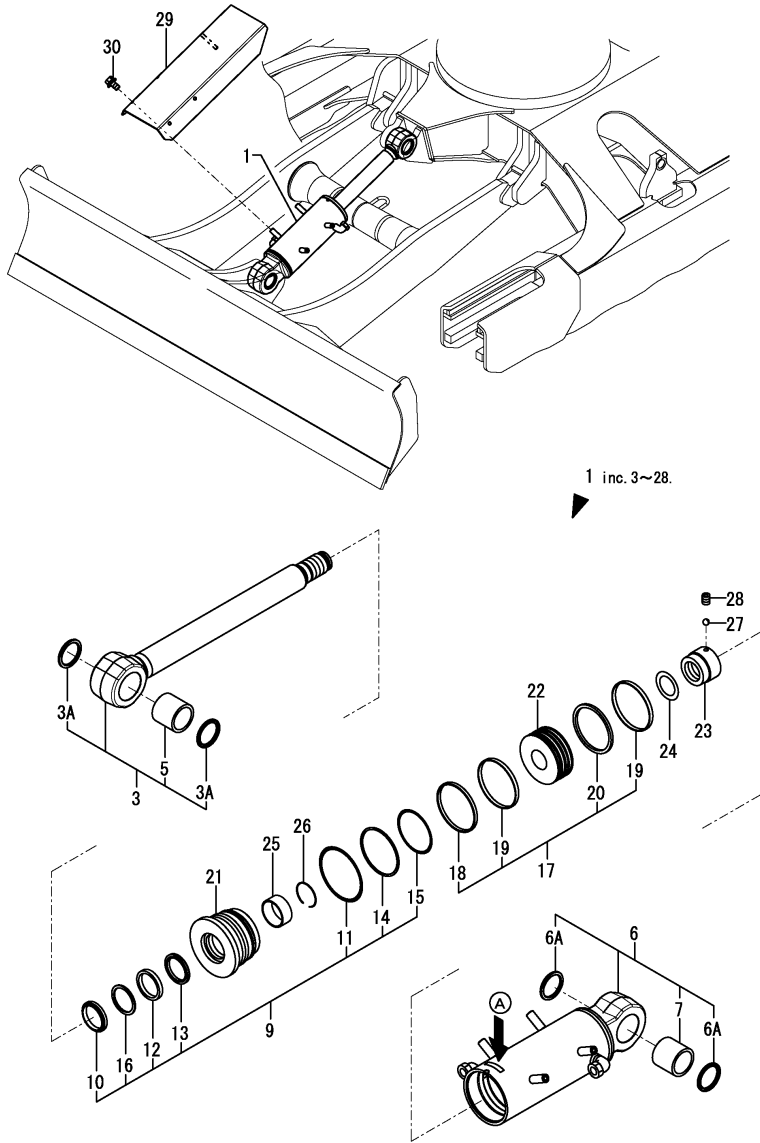
Remarks

* A : There is parts No. & serial No.(K450XXX)
 Interchangeable by Fig.192(86A).
 The inner parts are not compatible.

Fig.192. (86A)BLADE CYLINDER(J SPEC.)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72801	CYLINDER ASSY, BLADE (A=*2016.03) (B=*2016.03) (C=*2016.03) (D=*2016.03)	1	1	1	1				W
3	2	172B11-97500	REPAIR KIT, ROD	1	1	1	1				
3A	3	172B11-97400	SEAL, DUST PIN 60X75 (A=*2017.04.) (B=*2017.04.) (C=*2017.04.) (D=*2017.04.)	2	2	2	2				W
5	3	172B11-97520	BUSH, PIN 60X75X68	1	1	1	1				
6	2	172B11-97530	REPAIR KIT, TUBE	1	1	1	1				
6A	3	172B11-97400	SEAL, DUST PIN 60X75 (A=*2017.04.) (B=*2017.04.) (C=*2017.04.) (D=*2017.04.)	2	2	2	2				W
7	3	172B11-97520	BUSH, PIN 60X75X68	1	1	1	1				
9	2	172B11-97560	SEAL KIT, HEAD130 65	1	1	1	1				
10	3	172B11-97570	SEAL, DUST ROD 65	1	1	1	1				
11	3	172B11-97580	O-RING, NBR HS90	1	1	1	1				
12	3	172B11-97590	SEAL, ROD 65	1	1	1	1				
13	3	172B11-97600	SEAL, BUFFER 65	1	1	1	1				
14	3	172B11-97610	RING, BACK UP	1	1	1	1				
15	3	172B11-97620	O-RING, NBR HS90	1	1	1	1				
16	3	172B11-97630	RING, BACK UP 65	1	1	1	1				
17	2	172B11-97650	SEAL KIT, PISTON 130	1	1	1	1				
18	3	172B11-97660	RING, WEAR 130	1	1	1	1				
19	3	172B11-97670	RING, WEAR 130	2	2	2	2				
20	3	172B11-97680	SEAL, PISTON 130	1	1	1	1				
21	2	172B11-97690	HEAD, CYLINDER130 65	1	1	1	1				
22	2	172B11-97700	PISTON, 130	1	1	1	1				
23	2	172B11-97710	NUT, M52	1	1	1	1				
24	2	172B11-97720	SHIM, 65X52.5X0.5	1	1	1	1				
25	2	172B11-97740	BUSH, 65X70X30	1	1	1	1				
26	2	172B11-97750	RING, RETAINING 65	1	1	1	1				
27	2	24190-080001	BALL, STEEL 1/4	1	1	1	1				
28	2	26979-100122	SCREW, M10X12	1	1	1	1				
29	1	172A69-72900	COVER ASSY, BLADE	1	1	1	1				
30	1	26014-100202	BOLT, M10X 20	4	4	4	4				

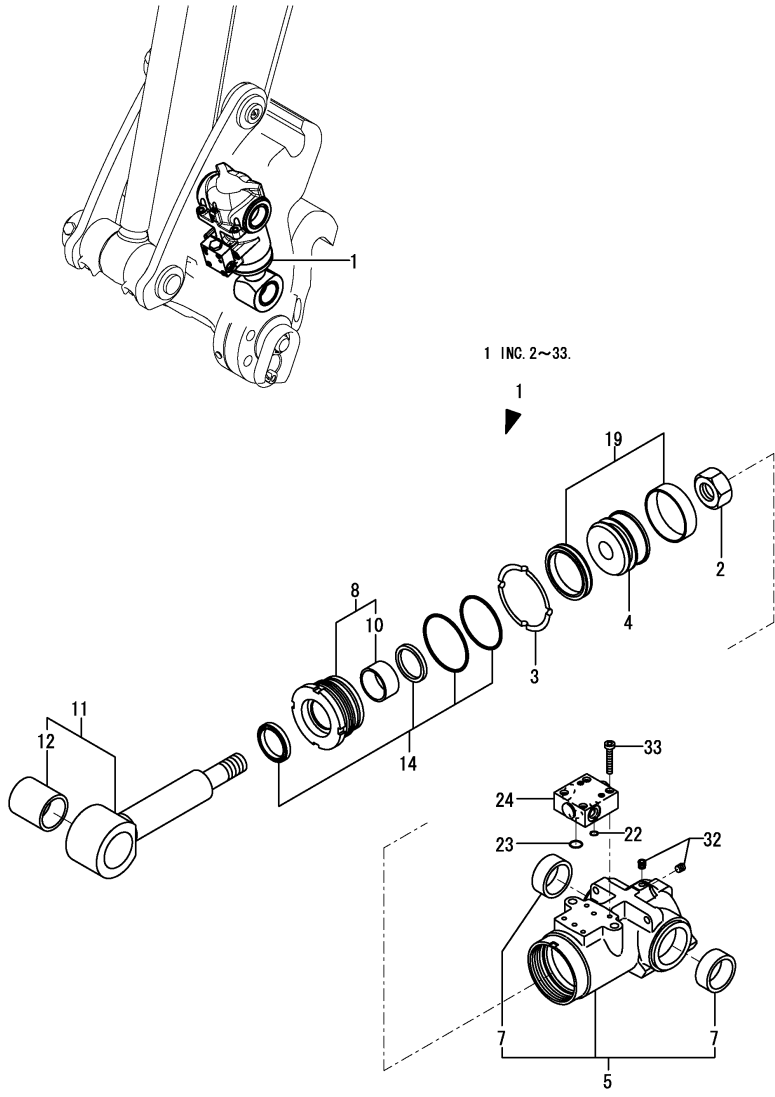
Remarks

* A : There is parts No. & serial No.(172B11-72801HXXX)
The inner parts are not compatible.

Fig.87. HITCH CYLINDER(Y SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-72800-N	CYLINDER, HITCH	1	1	1	1				
2	2	172141-72250	NUT	1	1	1	1				
3	2	172142-72260	WASHER, LOCK	1	1	1	1				
4	2	172175-72480	PISTON 80	1	1	1	1				
5	2	172978-72810-N	TUBE, HITCH	1	1	1	1				
7	3	172978-72890	BUSH 45-55-22	2	2	2	2				
8	2	172978-72860	HEAD 80 45	1	1	1	1				
10	3	24550-045250	BUSH, 45X25	1	1	1	1				
11	2	172978-72880	ROD ASSY,HITCH	1	1	1	1				
12	3	172151-71630	BUSH 45 60	1	1	1	1				
14	2	172978-72920	SEAL SET, HEAD 80X45	1	1	1	1				
19	2	172142-72951	SEAL SET, PISTON	1	1	1	1				
22	2	172958-72950	O-RING	1	1	1	1				
23	2	172958-72960	O-RING	1	1	1	1				
24	2	172958-72983-N	VALVE ASSY,OPERATE	1	1	1	1				
32	2	23871-005000	PLUG, R005	2	2	2	2				
33	2	26450-060302	BOLT, M6X 30	4	4	4	4				

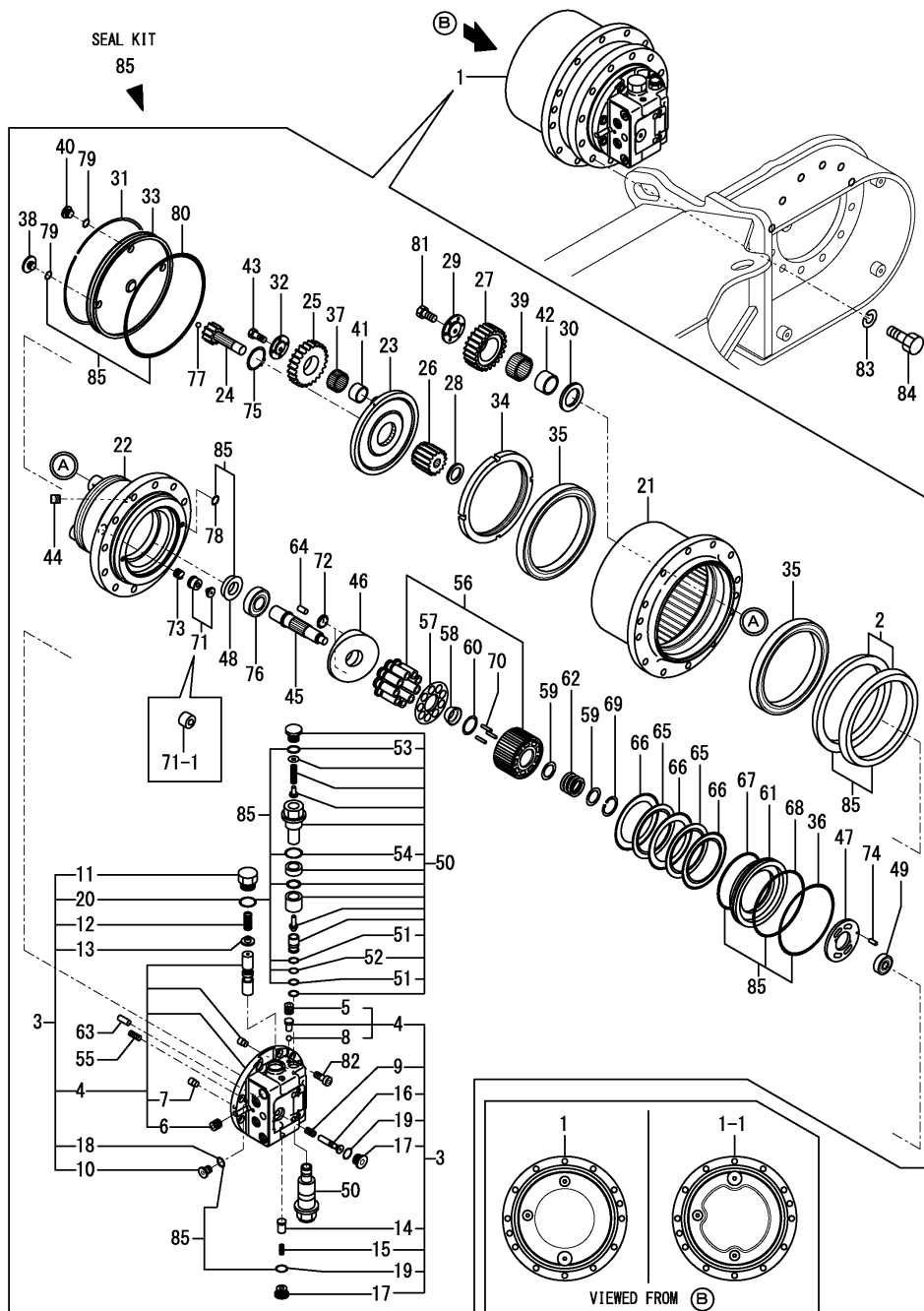
Remarks

* This figure is applied quick coupler specification made by YANMAR.

Fig.88. TRAVEL MOTOR

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



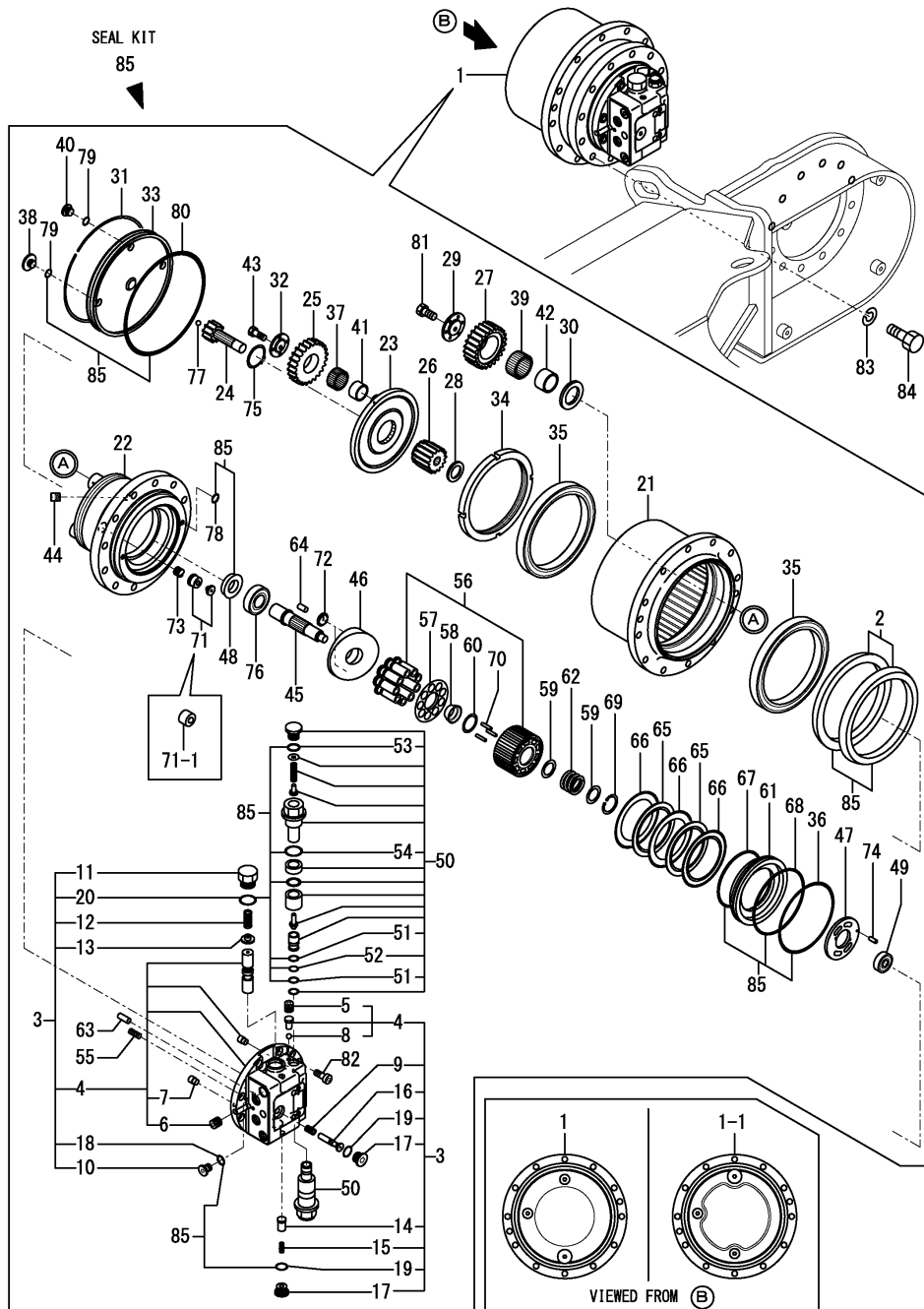
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-73300	MOTOR ASSY, DRIVE	2	2	2	2				
1-1	1	172A89-73301	MOTOR ASSY, DRIVE	2	2	2	2				N
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
2	2	172A65-73310	SEAL SET, FLOATING	2	2	2	2				
3	2	172A89-73310	FLANGE, REAR	2	2	2	2				
4	3	172A89-73320	FLANGE, REAR	2	2	2	2				
5	4	172479-73750	PLUG	6	6	6	6				
6	4	172479-73760	PLUG	8	8	8	8				
7	4	172A69-73850	ORIFICE	2	2	2	2				
8	4	24190-060001	BALL, STEEL 3/16	2	2	2	2				
9	3	172A89-73340	SPRING	2	2	2	2				
10	3	172479-73480	PLUG	2	2	2	2				
11	3	172A65-73620	PLUG	4	4	4	4				
12	3	172A65-73630	SPRING	4	4	4	4				
13	3	172479-73800	RETAINER, SPRING	4	4	4	4				
14	3	172479-73810	VALVE	4	4	4	4				
15	3	172479-73830	SPRING	4	4	4	4				
16	3	172A69-73830	SPOOL	2	2	2	2				
17	3	172479-73850	PLUG	6	6	6	6				
18	3	24315-000140	O-RING, 1BP14.0	2	2	2	2				
19	3	24315-000180	O-RING, 1BP18.0	6	6	6	6				
20	3	24315-000260	O-RING, 1BP26.0	4	4	4	4				
21	2	172A65-73320	HUB	2	2	2	2				
22	2	172A65-73330	SPINDLE	2	2	2	2				
22-1	1	172A89-73350	SPINDLE	2	2	2	2				S
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
23	2	172A65-73340	CARRIER	2	2	2	2				
24	2	172A65-73350	GEAR, SUN	2	2	2	2				
25	2	172A65-73360	GEAR, PLANETARY	6	6	6	6				
26	2	172A65-73370	GEAR, SUN	2	2	2	2				
27	2	172A65-73380	GEAR, PLANETARY	8	8	8	8				
28	2	172A65-73390	COLLAR, THRUST	2	2	2	2				
29	2	172A65-73400	WASHER, THRUST	8	8	8	8				
30	2	172A65-73410	WASHER, THRUST	8	8	8	8				
31	2	172479-73420	RING	2	2	2	2				
32	2	172A65-73420	WASHER 3, THRUST	6	6	6	6				
33	2	172A65-73430	COVER	2	2	2	2				
33-1	1	172A89-73430	COVER	2	2	2	2				N
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
34	2	172A65-73440	NUT, RING	2	2	2	2				
35	2	172A65-73450	BEARING, BALL	4	4	4	4				
36	2	172499-73460	O-RING	2	2	2	2				
37	2	172A65-73460	ROLLER	6	6	6	6				
38	2	172479-73470	PLUG	2	2	2	2				
39	2	172A65-73470	ROLLER	8	8	8	8				
40	2	172479-73480	PLUG	4	4	4	4				
41	2	172A65-73480	RING, INNER	6	6	6	6				
42	2	172A65-73490	RING, INNER	8	8	8	8				
43	2	172A65-73500	BOLT M8X20 10.9T	6	6	6	6				
44	2	172A65-73510	SCREW	4	4	4	4				
45	2	172A65-73520	SHAFT	2	2	2	2				

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.88. TRAVEL MOTOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



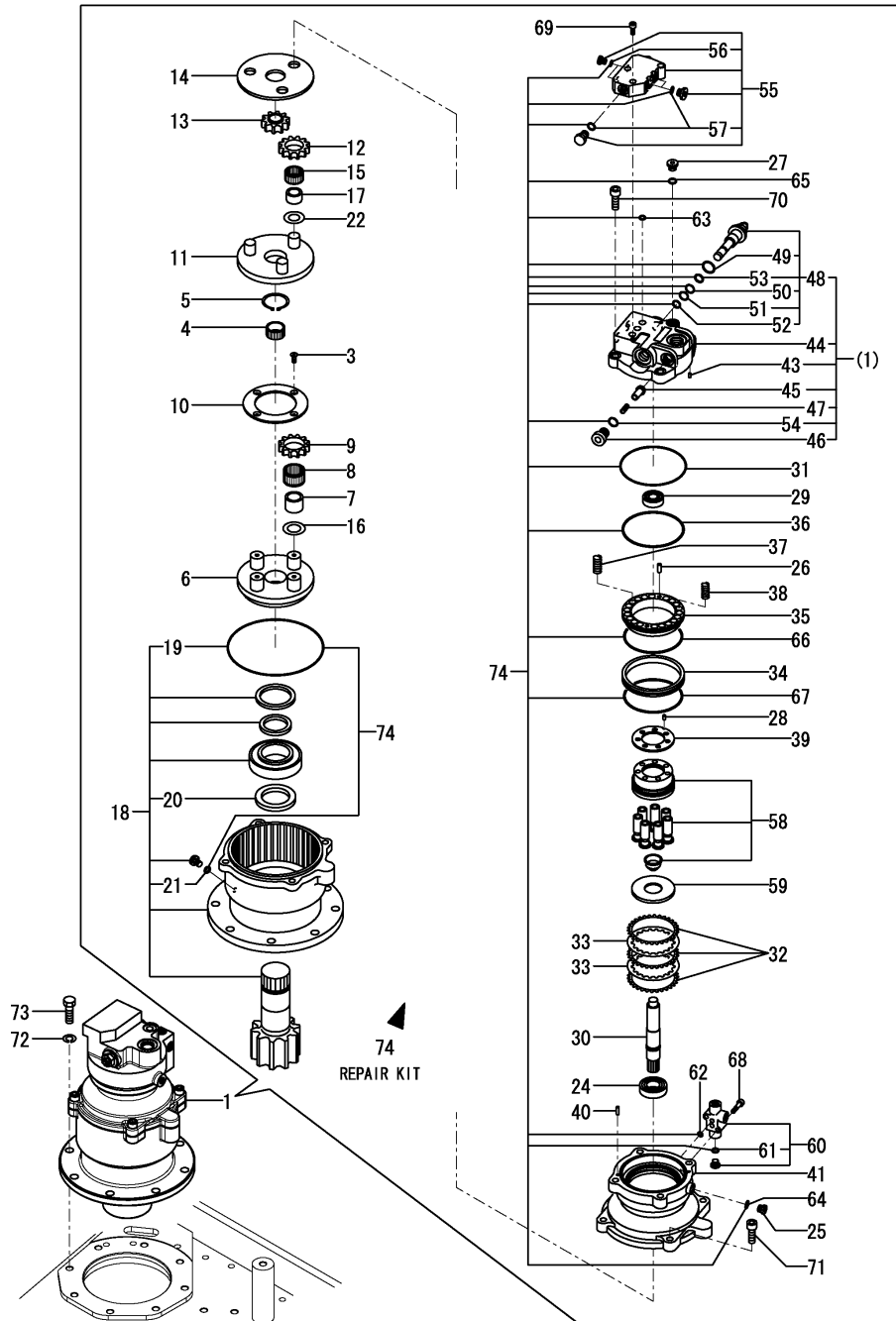
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
46	2	172A65-73530	PLATE, SWASH	2	2	2	2				
46-1	1	172A89-73530	PLATE, SWASH	2	2	2	2				S
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
47	2	172A65-73540	PLATE, TIMMING	2	2	2	2				
48	2	172A65-73550	SEAL, OIL	2	2	2	2				
49	2	172A65-73560	BEARING	2	2	2	2				
50	2	172A65-73570	VALVE ASSY, RELIEF	4	4	4	4				
51	3	172A65-73580	RING, BACK-UP	8	8	8	8				
52	3	24315-000100	O-RING, 1BP10.0	4	4	4	4				
53	3	24315-000110	O-RING, 1BP11.0	4	4	4	4				
54	3	24315-000200	O-RING, 1BP20.0	4	4	4	4				
55	2	172479-73590	SPRING	20	20	20	20				
56	2	172499-73620	PISTON ASSY	2	2	2	2				
57	2	172499-73630	PLATE, RETAINER	2	2	2	2				
57-1	1	172A89-73540	PLATE, RETAINER	2	2	2	2				N
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
58	2	172499-73640	BALL, THRUST	2	2	2	2				
58-1	1	172A89-73550	BALL, THRUST	2	2	2	2				N
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
59	2	172499-73660	WASHER	4	4	4	4				
60	2	172499-73670	WASHER	2	2	2	2				
61	2	172499-73680	PISTON	2	2	2	2				
62	2	172499-73700	SPRING	2	2	2	2				
63	2	172479-73710	PIN, PARALLEL	4	4	4	4				
64	2	172479-73710	PIN, PARALLEL	4	4	4	4				
65	2	172499-73710	PLATE, FRICTION	4	4	4	4				
66	2	172499-73720	PLATE	6	6	6	6				
67	2	172499-73760	O-RING	2	2	2	2				
68	2	172499-73770	O-RING	2	2	2	2				
69	2	172499-73780	RING, SNAP	2	2	2	2				
70	2	172499-73810	ROLLER	6	6	6	6				
71	2	172499-73820	PISTON ASSY	2	2	2	2				
71-1	1	172A89-73560	PISTON	2	2	2	2				S
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
72	2	172499-73830	PIVOT	4	4	4	4				
72-1	1	172A89-73570	PIVOT	4	4	4	4				S
		(A=M11518) (B=M11518) (C=M11518) (D=M11518)									
73	2	172499-73870	SPRING	2	2	2	2				
74	2	172479-73950	PIN, PARALLEL	2	2	2	2				
75	2	22242-000450	RING, 45	2	2	2	2				
76	2	24101-062064	BEARING, BALL 6206	2	2	2	2				
77	2	24190-120001	BALL, STEEL 3/8	2	2	2	2				
78	2	24315-000070	O-RING, 1BP7.0	4	4	4	4				
79	2	24315-000140	O-RING, 1BP14.0	6	6	6	6				
80	2	24321-002300	O-RING, 1AG230.0	2	2	2	2				
81	2	26076-100202	BOLT, 10.910X 20	8	8	8	8				
82	2	26450-120302	BOLT, M12X 30	16	16	16	16				
83	1	22217-160000	WASHER, SPRING 16	24	24	24	24				
84	1	26116-160452	BOLT, M16X 45 PLATED	24	24	24	24				
84-1	1	172460-73320	BOLT	24	24	24	24				N
		(A=*2014.10.) (B=*2014.10.) (C=*2014.10.) (D=*2014.10.)									

N:Old $\frac{Yes}{No}$ New, Q:Old $\frac{No}{Yes}$ New, R:Old $\frac{Yes}{No}$ New, S:Old $\frac{No}{Yes}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.89. TURNING MOTOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

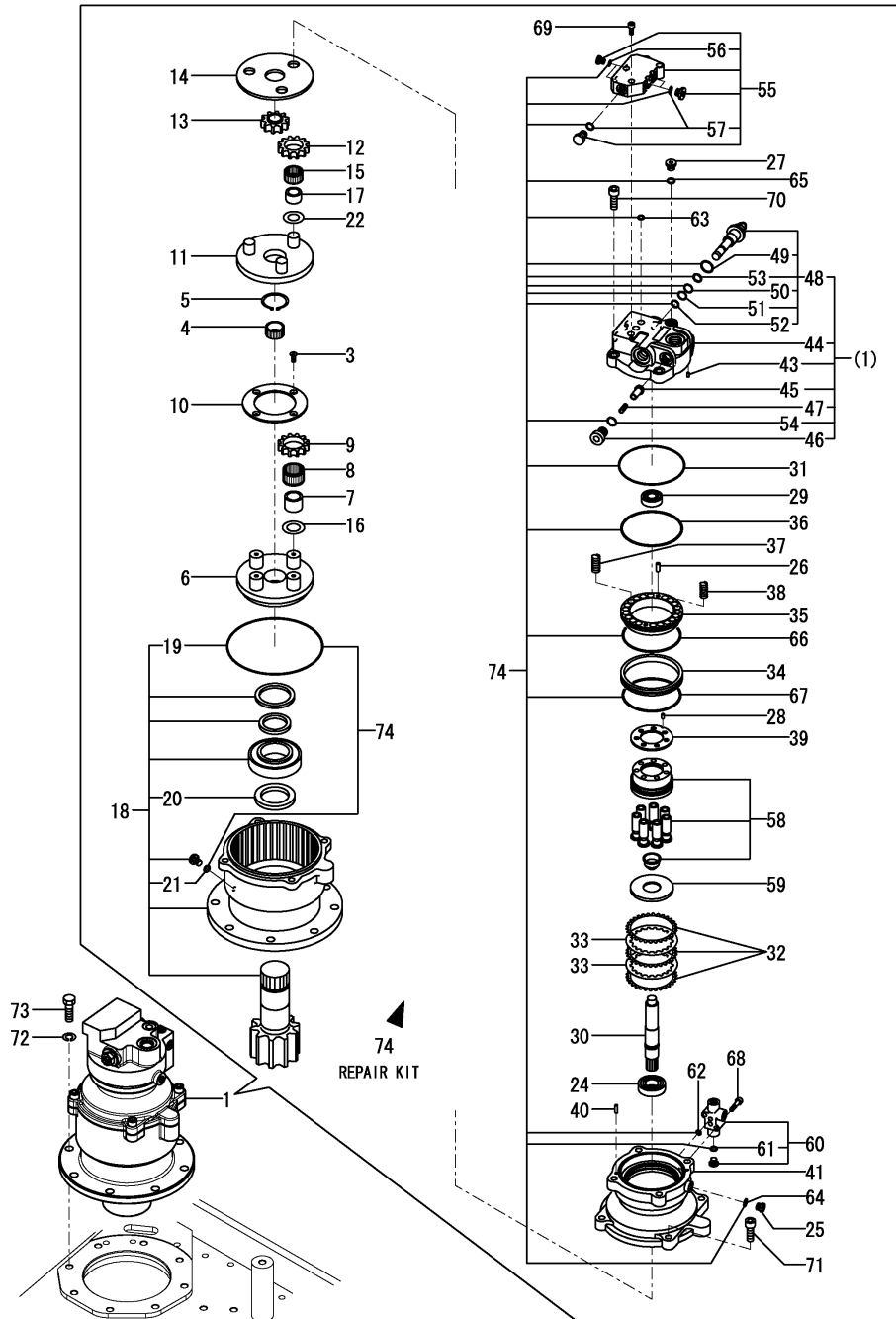


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73310	MOTOR ASSY, SWING	1	1	1	1				
3	3	172162-70290	SCREW	4	4	4	4				
4	3	172162-70310	GEAR, SUN	1	1	1	1				
5	3	172162-70320	RING, SNAP	1	1	1	1				
6	3	172499-70720	HOLDER	1	1	1	1				
7	3	172499-70730	RACE, INNER	4	4	4	4				
8	3	172499-70740	BEARING, NEEDLE	4	4	4	4				
9	3	172499-70750	GEAR, PLANETARY	4	4	4	4				
10	3	172499-70760	PLATE, THRUST	1	1	1	1				
11	3	172499-70770	HOLDER	1	1	1	1				
12	3	172499-70780	GEAR, PLANETARY	3	3	3	3				
13	3	172499-70790	GEAR, DRIVE	1	1	1	1				
14	3	172499-71040	PLATE KIT, THRUST	1	1	1	1				
15	3	172450-73360	BEARING, NEEDLE	3	3	3	3				
16	3	172423-73370	WASHER, THRUST	4	4	4	4				
17	3	172450-73370	RACE, INNER	3	3	3	3				
18	3	172A69-73370	HOUSING ASSY	1	1	1	1				
19	4	172162-70150	O-RING	1	1	1	1				
20	4	172A69-73320	SEAL, OIL	1	1	1	1				
21	4	24315-000080	O-RING, 1BP8.0	1	1	1	1				
22	3	172450-73380	WASHER, THRUST	3	3	3	3				
24	3	172122-70260	BEARING, BALL	1	1	1	1				
25	3	172148-70301	PLUG	1	1	1	1				
26	3	172122-70410	PIN	2	2	2	2				
27	3	172147-70500	PLUG	1	1	1	1				
28	3	172122-70530	PIN	1	1	1	1				
29	3	172162-70590	BEARING, BALL	1	1	1	1				
30	3	172499-70810	SHAFT	1	1	1	1				
31	3	172162-70820	O-RING	1	1	1	1				
32	3	172499-70830	DISK	3	3	3	3				
33	3	172499-70840	PLATE, FRICTION	2	2	2	2				
34	3	172499-70850	COLLAR	1	1	1	1				
35	3	172499-70860	PISTON, BRAKE	1	1	1	1				
36	3	172499-70870	O-RING	1	1	1	1				
37	3	172499-70880	SPRING	12	12	12	12				
38	3	172499-70890	SPRING	8	8	8	8				
39	3	172499-70970	PLATE, VALVE	1	1	1	1				
40	3	172499-70980	PIN	2	2	2	2				
41	3	172A69-73330	CASE	1	1	1	1				
43	4	172124-70380	ORIFICE	1	1	1	1				
44	4	172499-70900	COVER	1	1	1	1				
45	4	172499-70910	POPPET	2	2	2	2				
46	4	172499-70920	PLUG	2	2	2	2				
47	4	172499-70930	SPRING	2	2	2	2				
48	4	172B11-73340	VALVE ASSY, RELIEF	2	2	2	2				
49	5	172499-70950	O-RING	2	2	2	2				
50	5	172499-70960	RING, BUCK UP	2	2	2	2				
51	5	172312-74780	RING, BUCK UP	2	2	2	2				
52	5	24315-000150	O-RING, 1BP15.0	2	2	2	2				
53	5	24315-000160	O-RING, 1BP16.0	2	2	2	2				
54	4	24315-000210	O-RING, 1BP21.0	2	2	2	2				

Fig.89. TURNING MOTOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
55	3	172A69-73350	VALVE ASSY	1	1	1	1				
56	4	24315-000110	O-RING, 1BP11.0	2	2	2	2				
57	4	24315-000140	O-RING, 1BP14.0	4	4	4	4				
58	3	172A69-73360	CYLINDER BLOCK ASSY	1	1	1	1				
59	3	172A69-73380	PLATE, THRUST	1	1	1	1				
60	3	172A69-73390	VALVE ASSY	1	1	1	1				
61	4	24315-000110	O-RING, 1BP11.0	1	1	1	1				
62	3	24315-000070	O-RING, 1BP7.0	2	2	2	2				
63	3	24315-000100	O-RING, 1BP10.0	3	3	3	3				
64	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
65	3	24315-000140	O-RING, 1BP14.0	1	1	1	1				
66	3	24325-001300	O-RING, 1BG130.0	1	1	1	1				
67	3	24325-001450	O-RING, 1BG145.0	1	1	1	1				
68	3	26450-060302	BOLT, M6X 30	2	2	2	2				
69	3	26450-080202	BOLT, M8X 20	3	3	3	3				
70	3	26450-140402	BOLT, M14X 40	4	4	4	4				
71	2	26450-140402	BOLT, M14X 40	4	4	4	4				
72	1	22217-160000	WASHER, SPRING 16	8	8	8	8				
73	1	26076-160502	BOLT, 10.916X 50	8	8	8	8				
74	1	172499-71020	REPAIR KIT	1	1	1	1				

Fig.90. ACCUMULATOR

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

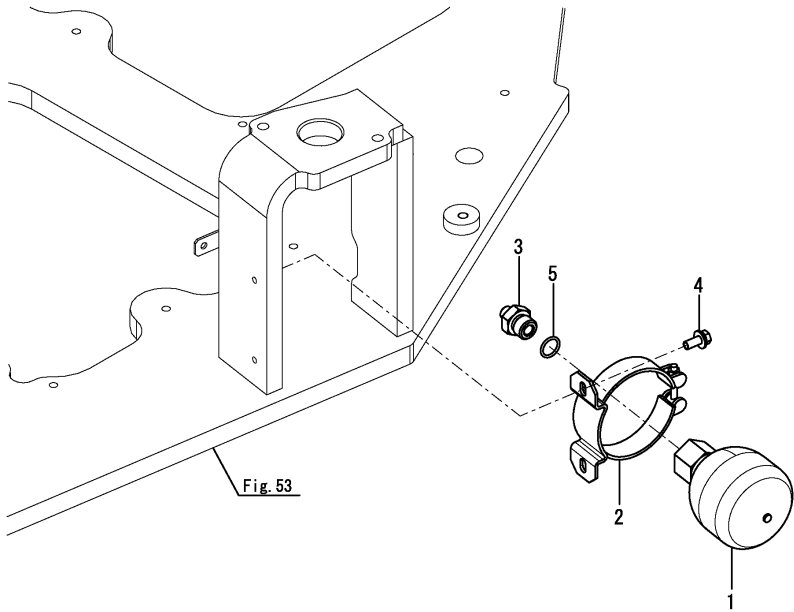


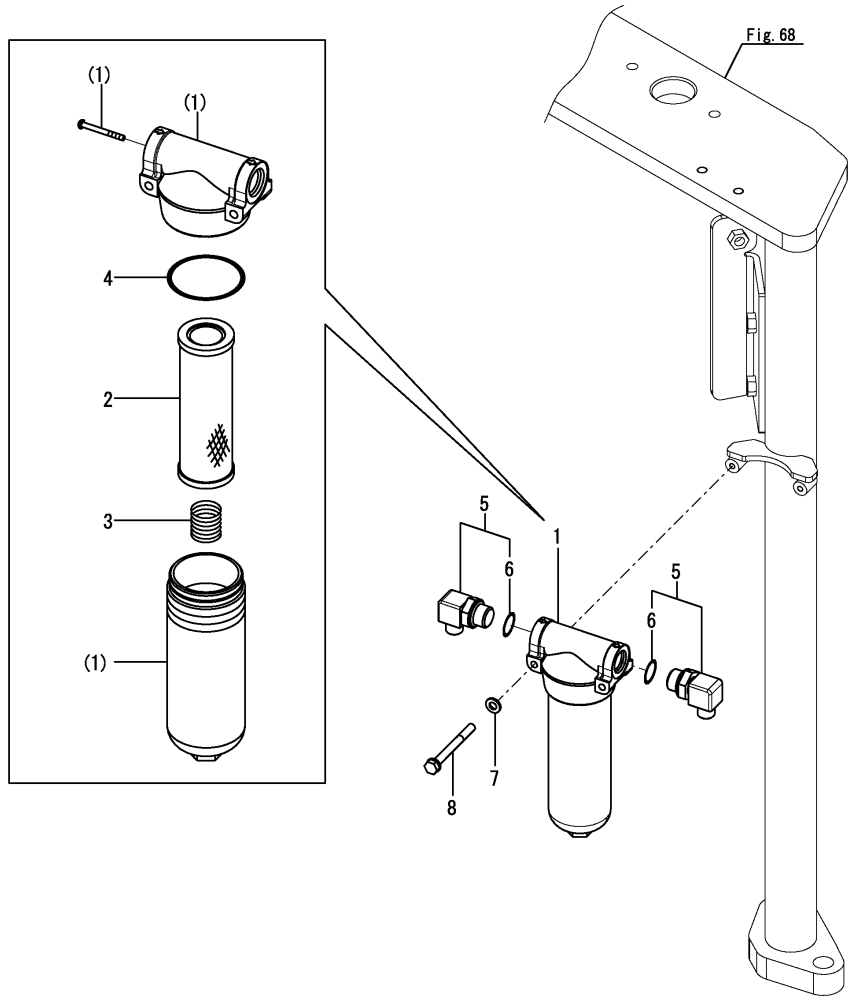
Fig. 53

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73600	ACCUMULATOR	1	1	1	1				
2	1	172B11-73630	CLAMP	1	1	1	1				
3	1	172423-76120	CONNECTOR, PF1/2X1/4	1	1	1	1				
4	1	26014-080202	BOLT, M8X 20	2	2	2	2				
5	1	41851-000180	O-RING	1	1	1	1				

Fig.91. LINE FILTER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

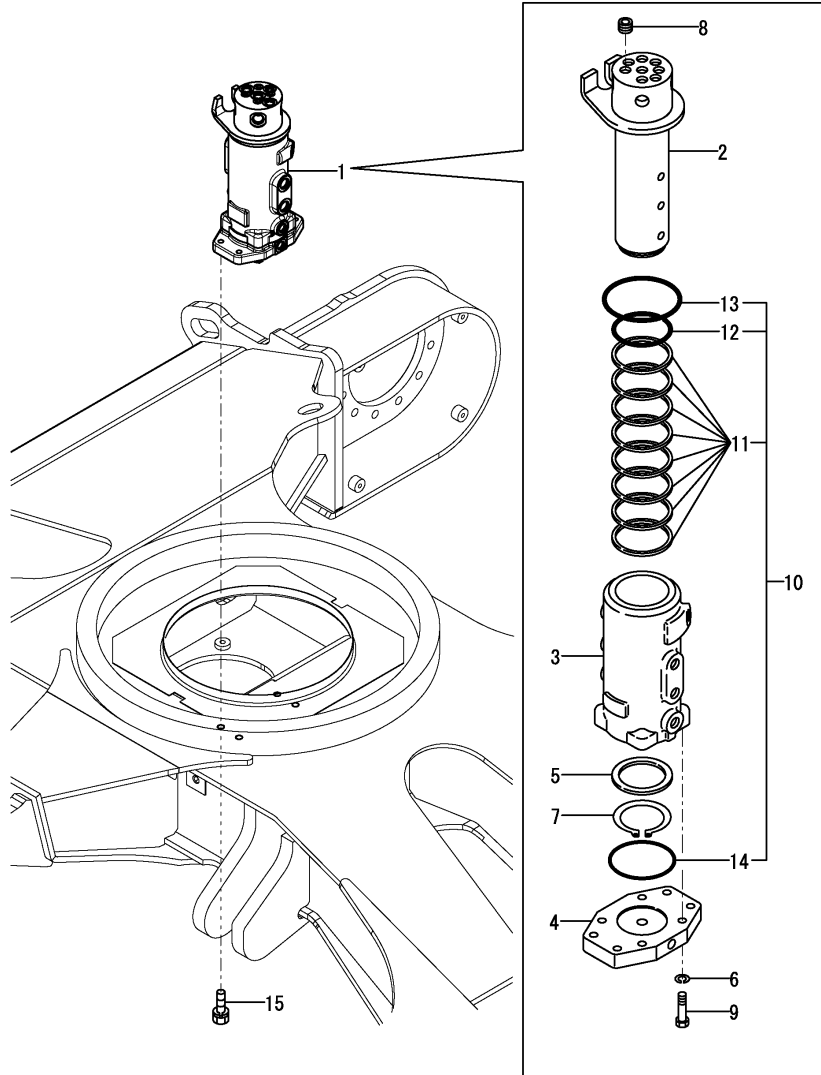


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73750	FILTER ASSY, LINE	1	1	1	1				
2	2	172B11-73760	ELEMENT	1	1	1	1				
3	2	172B11-73770	SPRING	1	1	1	1				
4	2	172B11-73780	O-RING, JASO 2053 90	1	1	1	1				
5	1	172157-76300	ELBOW ASSY	2	2	2	2				
6	2	24315-000180	O-RING, 1BP18.0	2	2	2	2				
7	1	22137-060000	WASHER, 6	2	2	2	2				
8	1	26013-060602	BOLT, M6X 60	2	2	2	2				

Fig.92. SWIVEL JOINT

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



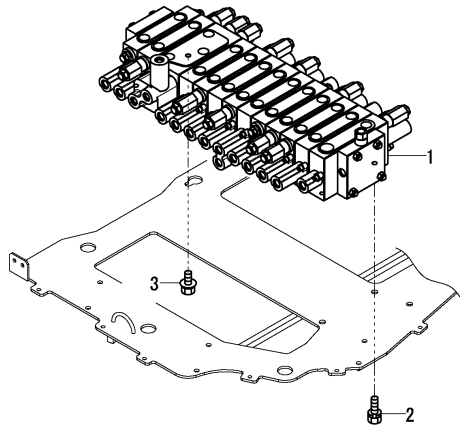
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A65-73800	JOINT ASSY, SWIVEL	1	1	1	1				
2	2	172A65-73810	SHAFT ASSY	1	1	1	1				
3	2	172A65-73840	ROTOR	1	1	1	1				
4	2	172A65-73850	FLANGE	1	1	1	1				
5	2	172A65-73860	SPACER	1	1	1	1				
6	2	22217-100000	WASHER, SPRING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

Fig.93. CONTROL VALVE(A-TYPE)(1/9)(TO M11518)

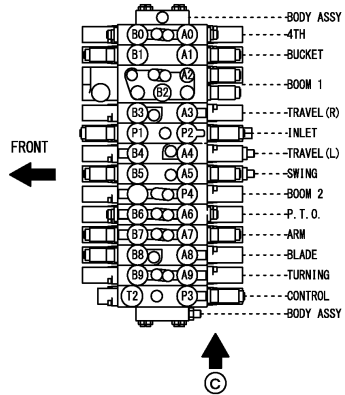
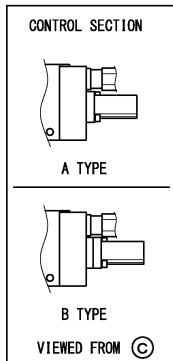
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

CONTROL VALVE ASSY
 Fig. 93 Ref. No. 1
 INC. Fig. 94~101.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-74100	VALVE ASSY, CONTROL	1	1	1	1				1
2	1	26013-100162	BOLT, SPRING M10X 16	2	2	2	2				
3	1	26106-100122	BOLT, M10X 12 PLATED	1	1	1	1				



Remarks

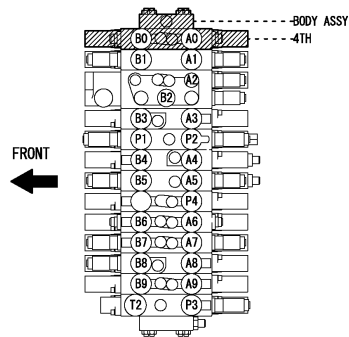
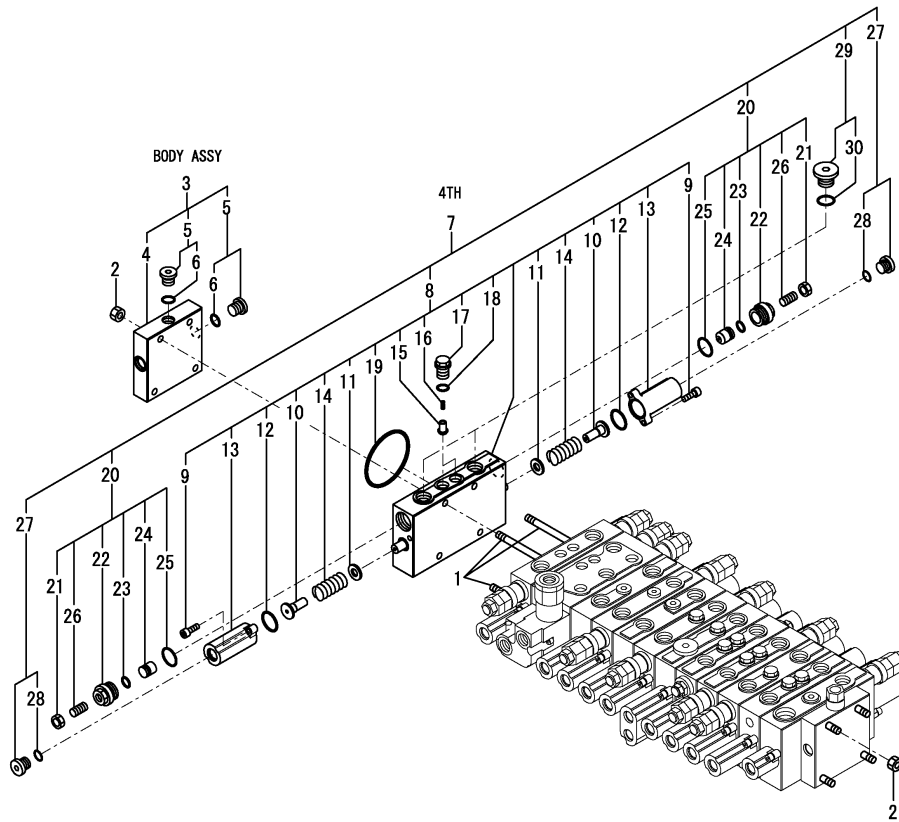
* B-type is shown in Fig.182(101A).

(1) Inner parts are shown in Fig.101 from Fig.94.

Fig.94. CONTROL VALVE(A-TYPE)(2/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71260	ROD, TIE	4	4	4	4				
2	2	172422-74110	NUT	8	8	8	8				
3	2	172A69-74110	BODY ASSY	1	1	1	1				
4	3	172478-74360	BODY	1	1	1	1				
5	3	172187-74530	PLUG ASSY	2	2	2	2				
6	4	24315-000110	O-RING, 1BP11.0	2	2	2	2				
7	2	172A69-74170	SECTION ASSY, 4TH	1	1	1	1				
8	3	172A69-74180	SECTION, 4TH	1	1	1	1				
9	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
10	4	172478-74180	SEAT, SPRING	2	2	2	2				
11	4	172175-74220	SEAT, SPRING	2	2	2	2				
12	4	172151-74320	O-RING	2	2	2	2				
13	4	172455-74390	CAP	2	2	2	2				
14	4	172455-74410	SPRING	2	2	2	2				
15	4	172455-74420	POPPET	2	2	2	2				
16	4	172455-74440	SPRING	2	2	2	2				
17	4	172455-74450	PLUG	2	2	2	2				
18	4	172455-74460	O-RING	2	2	2	2				
19	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
20	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2	2				
21	4	172455-74010	NUT, SHOE	2	2	2	2				
22	4	172455-74020	PLUG	2	2	2	2				
23	4	172455-74030	O-RING	2	2	2	2				
24	4	172455-74040	POPPET	2	2	2	2				
25	4	172116-74150	O-RING	2	2	2	2				
26	4	172455-74990	SCREW, SETTING	2	2	2	2				
27	3	172187-74530	PLUG ASSY	2	2	2	2				
28	4	24315-000110	O-RING, 1BP11.0	2	2	2	2				
29	3	172187-74550	PLUG ASSY	2	2	2	2				
30	4	24315-000180	O-RING, 1BP18.0	2	2	2	2				

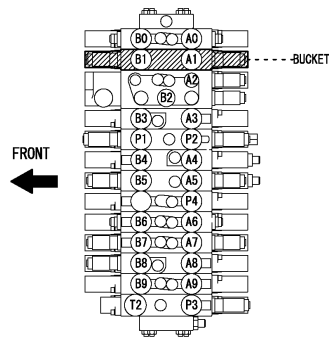
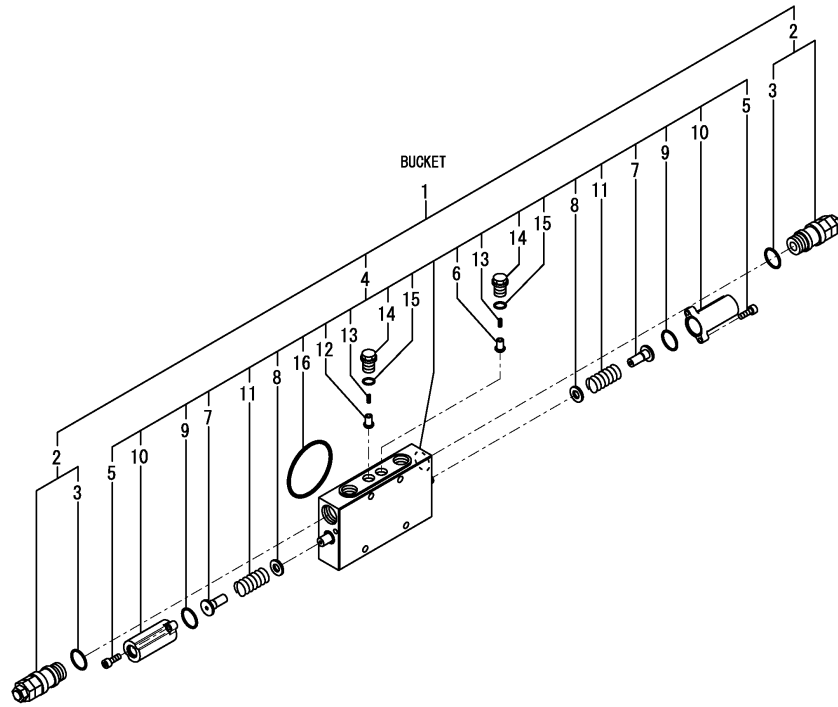
Remarks

* Control valve assy is shown in Fig.93.

Fig.95. CONTROL VALVE(A-TYPE)(3/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



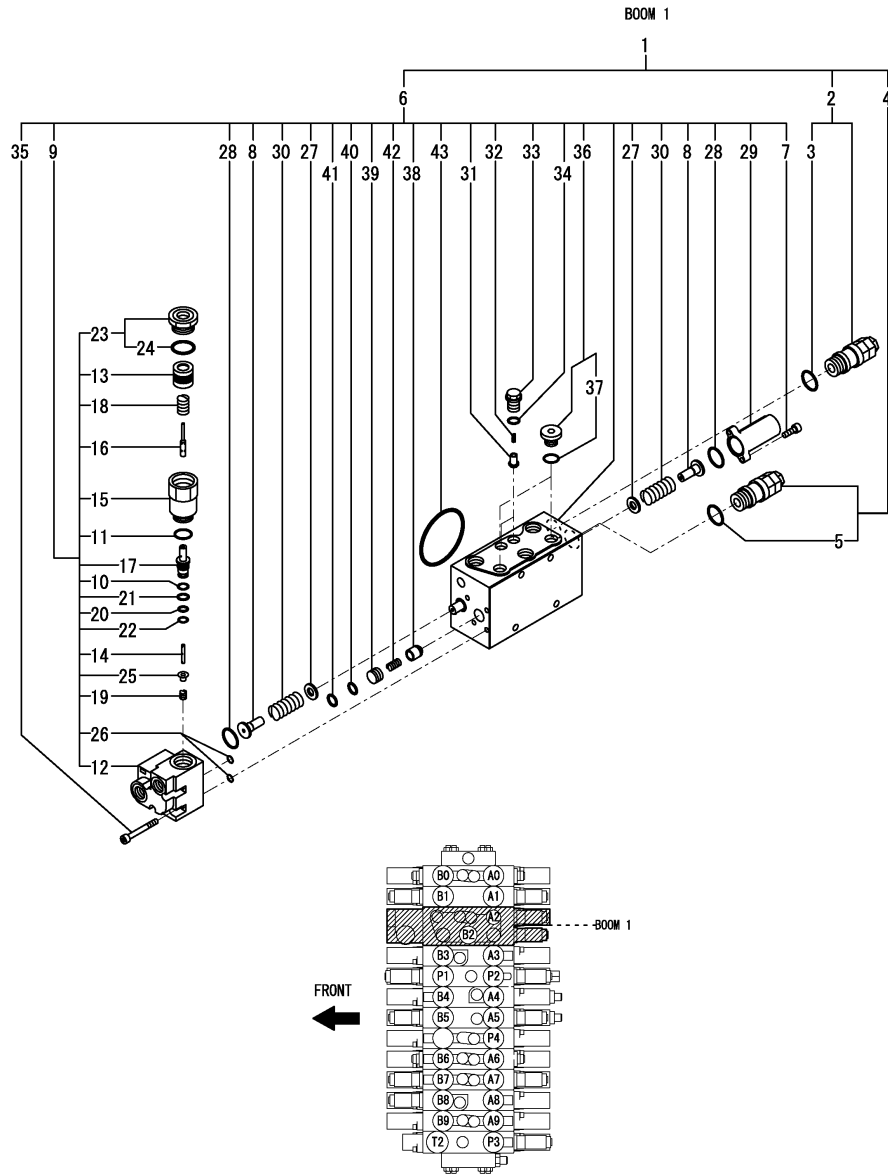
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A89-74141	SECTION ASSY, BUCKET	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172A89-74161	SECTION, BUCKET	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172478-74170	POPPET	1	1	1	1				
7	4	172478-74180	SEAT, SPRING	2	2	2	2				
8	4	172175-74220	SEAT, SPRING	2	2	2	2				
9	4	172151-74320	O-RING	2	2	2	2				
10	4	172455-74390	CAP	2	2	2	2				
11	4	172455-74410	SPRING	2	2	2	2				
12	4	172455-74420	POPPET	1	1	1	1				
13	4	172455-74440	SPRING	2	2	2	2				
14	4	172455-74450	PLUG	2	2	2	2				
15	4	172455-74460	O-RING	2	2	2	2				
16	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.93.

Fig.96. CONTROL VALVE(A-TYPE)(4/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-74180	SECTION ASSY, BOOM1	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	1	1	1	1				
3	4	172116-74150	O-RING	1	1	1	1				
4	3	172A89-74190	VALVE, RELIEF	1	1	1	1				
5	4	172116-74150	O-RING	1	1	1	1				
6	3	172B11-74200	SECTION, BOOM1	1	1	1	1				
7	4	172151-74060	BOLT, SOCKET HEAD	2	2	2	2				
8	4	172478-74180	SEAT, SPRING	2	2	2	2				
9	4	172488-74200	VALVE ASSY	1	1	1	1				
10	5	172638-73650	RING, BUCK UP	1	1	1	1				
11	5	172116-74150	O-RING	1	1	1	1				
12	5	172488-74210	BODY	1	1	1	1				
13	5	172488-74220	PISTON	1	1	1	1				
14	5	172455-74590	POPPET	1	1	1	1				
15	5	172455-74600	PLUG	1	1	1	1				
16	5	172455-74620	SPOOL	1	1	1	1				
17	5	172455-74630	SLEEVE	1	1	1	1				
18	5	172455-74640	SPRING	1	1	1	1				
19	5	172455-74650	SPRING	1	1	1	1				
20	5	172455-74660	O-RING	1	1	1	1				
21	5	172455-74670	O-RING	1	1	1	1				
22	5	172455-74680	RING, BUCK UP	1	1	1	1				
23	5	172187-74690	PLUG ASSY	1	1	1	1				
24	6	172312-74770	O-RING	1	1	1	1				
25	5	172455-74720	SEAT, SPRING	1	1	1	1				
26	5	24315-000070	O-RING, 1BP7.0	2	2	2	2				
27	4	172175-74220	SEAT, SPRING	2	2	2	2				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	1	1	1	1				
30	4	172455-74410	SPRING	2	2	2	2				
31	4	172455-74420	POPPET	2	2	2	2				
32	4	172455-74440	SPRING	2	2	2	2				
33	4	172455-74450	PLUG	2	2	2	2				
34	4	172455-74460	O-RING	2	2	2	2				
35	4	172455-74530	BOLT, SOCKET HEAD	5	5	5	5				
36	4	172187-74540	PLUG ASSY	2	2	2	2				
37	5	24315-000140	O-RING, 1BP14.0	2	2	2	2				
38	4	172455-74550	POPPET	1	1	1	1				
39	4	172455-74560	SPACER	1	1	1	1				
40	4	172455-74570	O-RING	1	1	1	1				
41	4	172455-74580	RING, BUCK UP	1	1	1	1				
42	4	172187-74630	SPRING	1	1	1	1				
43	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

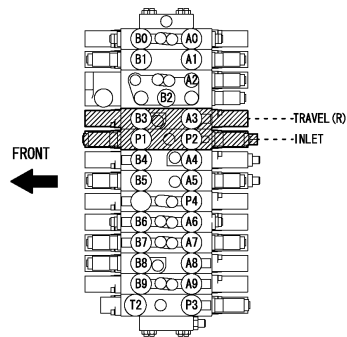
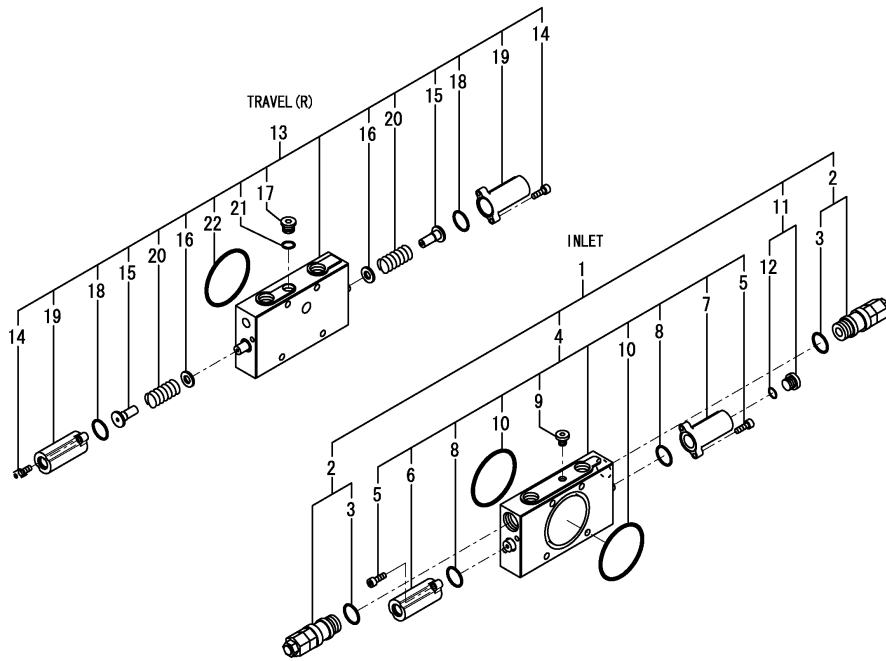
Remarks

* Control valve assy is shown in Fig.93.

Fig.97. CONTROL VALVE(A-TYPE)(5/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



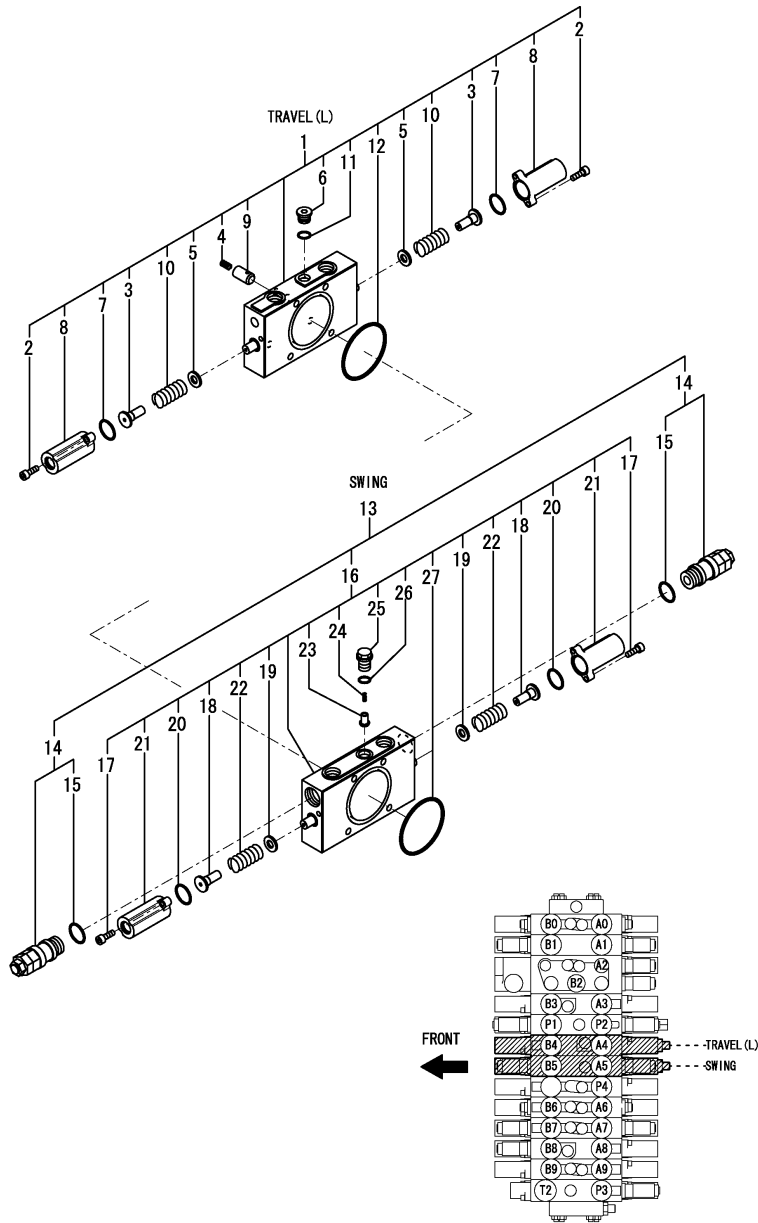
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A89-74120	SECTION ASSY, INLET	1	1	1	1				
2	3	172A89-74130	VALVE,RELIEF 25.7/30	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172A69-74140	SECTION, INLET	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172A69-74150	CAP ASSY	1	1	1	1				
7	4	172A69-74160	CAP	1	1	1	1				
8	4	172151-74320	O-RING	2	2	2	2				
9	4	172422-74330	PLUG ASSY	1	1	1	1				
10	4	24321-000700	O-RING, 1AG70.0	2	2	2	2				
11	3	172187-74530	PLUG ASSY	1	1	1	1				
12	4	24315-000110	O-RING, 1BP11.0	1	1	1	1				
13	2	172A89-74210	SECTION, TRAVEL	1	1	1	1				
14	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
15	3	172478-74180	SEAT, SPRING	2	2	2	2				
16	3	172175-74220	SEAT, SPRING	2	2	2	2				
17	3	172A69-74250	PLUG	1	1	1	1				
18	3	172151-74320	O-RING	2	2	2	2				
19	3	172455-74390	CAP	2	2	2	2				
20	3	172455-74410	SPRING	2	2	2	2				
21	3	172455-74460	O-RING	1	1	1	1				
22	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.93.

Fig.98. CONTROL VALVE(A-TYPE)(6/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



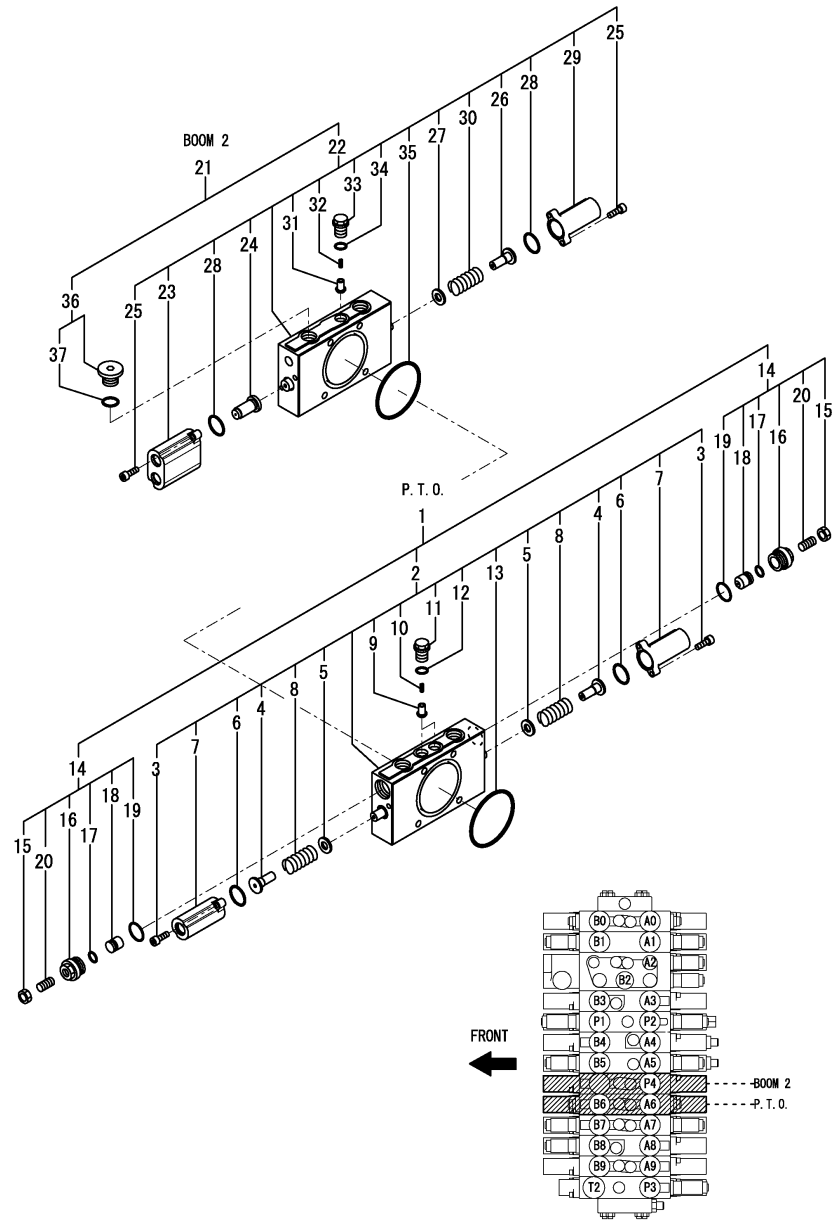
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A89-74220	SECTION, TRAVEL	1	1	1	1				
2	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
3	3	172478-74180	SEAT, SPRING	2	2	2	2				
4	3	172113-74190	SPRING	1	1	1	1				
5	3	172175-74220	SEAT, SPRING	2	2	2	2				
6	3	172A69-74250	PLUG	1	1	1	1				
7	3	172151-74320	O-RING	2	2	2	2				
8	3	172455-74390	CAP	2	2	2	2				
9	3	172187-74410	POPPET	1	1	1	1				
10	3	172455-74410	SPRING	2	2	2	2				
11	3	172455-74460	O-RING	1	1	1	1				
12	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				
13	2	172A89-74230	SECTION ASSY, SWING	1	1	1	1				
14	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
15	4	172116-74150	O-RING	2	2	2	2				
16	3	172A69-74280	SECTION, SWING	1	1	1	1				
17	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
18	4	172478-74180	SEAT, SPRING	2	2	2	2				
19	4	172175-74220	SEAT, SPRING	2	2	2	2				
20	4	172151-74320	O-RING	2	2	2	2				
21	4	172455-74390	CAP	2	2	2	2				
22	4	172455-74410	SPRING	2	2	2	2				
23	4	172455-74420	POPPET	1	1	1	1				
24	4	172455-74440	SPRING	1	1	1	1				
25	4	172455-74450	PLUG	1	1	1	1				
26	4	172455-74460	O-RING	1	1	1	1				
27	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.93.

Fig.99. CONTROL VALVE(A-TYPE)(7/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

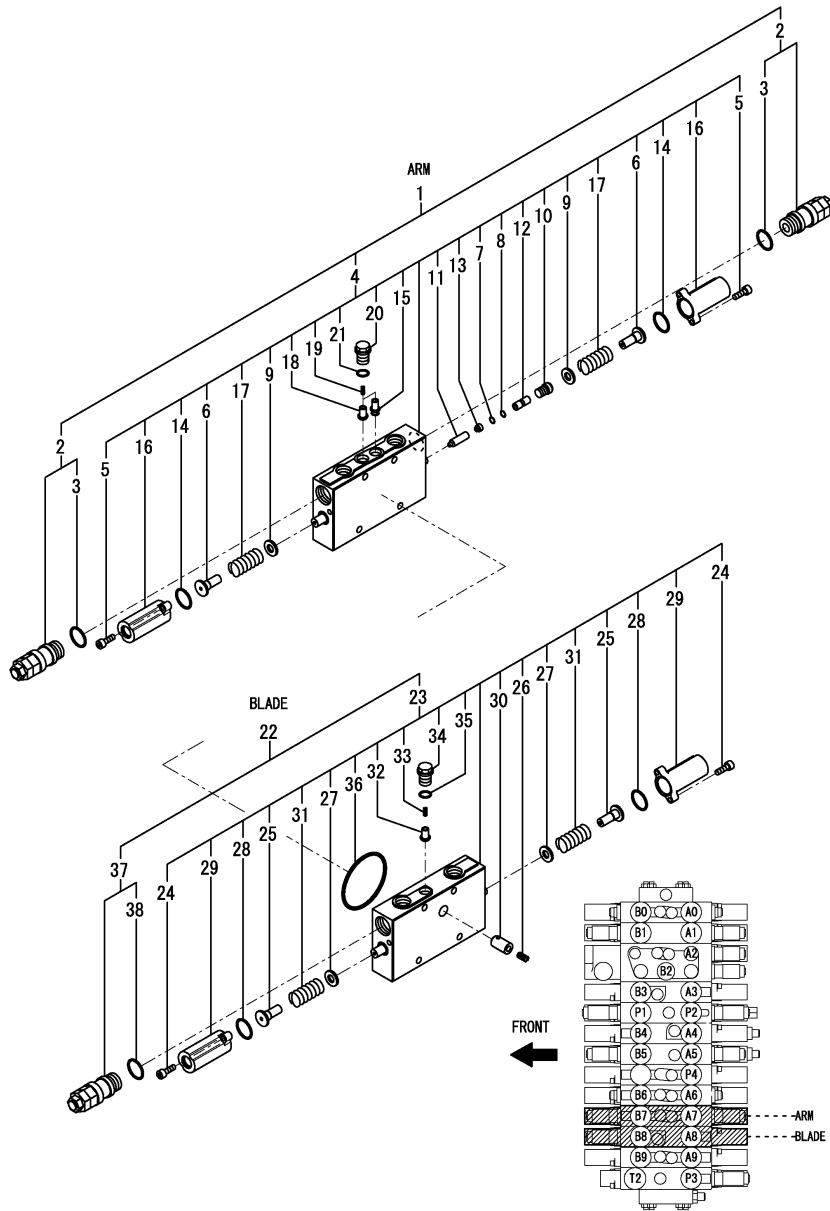
(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71130	SECTION ASSY, PTO	1	1	1	1				
2	3	172A69-71140	SECTION, PTO	1	1	1	1				
3	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
4	4	172478-74180	SEAT, SPRING	2	2	2	2				
5	4	172175-74220	SEAT, SPRING	2	2	2	2				
6	4	172151-74320	O-RING	2	2	2	2				
7	4	172455-74390	CAP	2	2	2	2				
8	4	172455-74410	SPRING	2	2	2	2				
9	4	172455-74420	POPPET	2	2	2	2				
10	4	172455-74440	SPRING	2	2	2	2				
11	4	172455-74450	PLUG	2	2	2	2				
12	4	172455-74460	O-RING	2	2	2	2				
13	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
14	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2	2				
15	4	172455-74010	NUT, SHOE	2	2	2	2				
16	4	172455-74020	PLUG	2	2	2	2				
17	4	172455-74030	O-RING	2	2	2	2				
18	4	172455-74040	POPPET	2	2	2	2				
19	4	172116-74150	O-RING	2	2	2	2				
20	4	172455-74990	SCREW, SETTING	2	2	2	2				
21	2	172A69-74291	SECTION ASSY, BOOM	1	1	1	1				
22	3	172A69-74301	SECTION, BOOM 2	1	1	1	1				
23	4	172A69-71110	CAP	1	1	1	1				
24	4	172A69-71120	PISTON	1	1	1	1				
25	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
26	4	172478-74180	SEAT, SPRING	1	1	1	1				
27	4	172175-74220	SEAT, SPRING	1	1	1	1				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	1	1	1	1				
30	4	172455-74410	SPRING	1	1	1	1				
31	4	172455-74420	POPPET	1	1	1	1				
32	4	172455-74440	SPRING	1	1	1	1				
33	4	172455-74450	PLUG	1	1	1	1				
34	4	172455-74460	O-RING	1	1	1	1				
35	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
36	3	172187-74550	PLUG ASSY	1	1	1	1				
37	4	24315-000180	O-RING, 1BP18.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.93.

Fig.100. CONTROL VALVE(A-TYPE)(8/9)(TO M11518)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-74210	SECTION ASSY, ARM	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172B11-74220	SECTION, ARM	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172478-74180	SEAT, SPRING	2	2	2	2				
7	4	172425-74200	O-RING	1	1	1	1				
8	4	172425-74210	RING	1	1	1	1				
9	4	172175-74220	SEAT, SPRING	2	2	2	2				
10	4	172B11-74230	PLUG	1	1	1	1				
11	4	172B11-74240	SPOOL, POPEET	1	1	1	1				
12	4	172B11-74250	SPACER	1	1	1	1				
13	4	172B11-74260	SPRING	1	1	1	1				
14	4	172151-74320	O-RING	2	2	2	2				
15	4	172A89-74330	VALVE, POPPET	1	1	1	1				
16	4	172455-74390	CAP	2	2	2	2				
17	4	172455-74410	SPRING	2	2	2	2				
18	4	172455-74420	POPPET	1	1	1	1				
19	4	172455-74440	SPRING	2	2	2	2				
20	4	172455-74450	PLUG	2	2	2	2				
21	4	172455-74460	O-RING	2	2	2	2				
22	2	172A89-74280	SECTION ASSY, BLADE	1	1	1	1				
23	3	172A69-71190	SECTION, BLADE	1	1	1	1				
24	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
25	4	172478-74180	SEAT, SPRING	2	2	2	2				
26	4	172113-74190	SPRING	1	1	1	1				
27	4	172175-74220	SEAT, SPRING	2	2	2	2				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	2	2	2	2				
30	4	172187-74410	POPPET	1	1	1	1				
31	4	172455-74410	SPRING	2	2	2	2				
32	4	172455-74420	POPPET	1	1	1	1				
33	4	172455-74440	SPRING	1	1	1	1				
34	4	172455-74450	PLUG	1	1	1	1				
35	4	172455-74460	O-RING	1	1	1	1				
36	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
37	3	172A89-74290	VALVE, RELIEF	1	1	1	1				
38	4	172116-74150	O-RING	1	1	1	1				

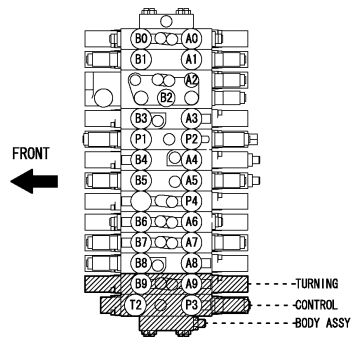
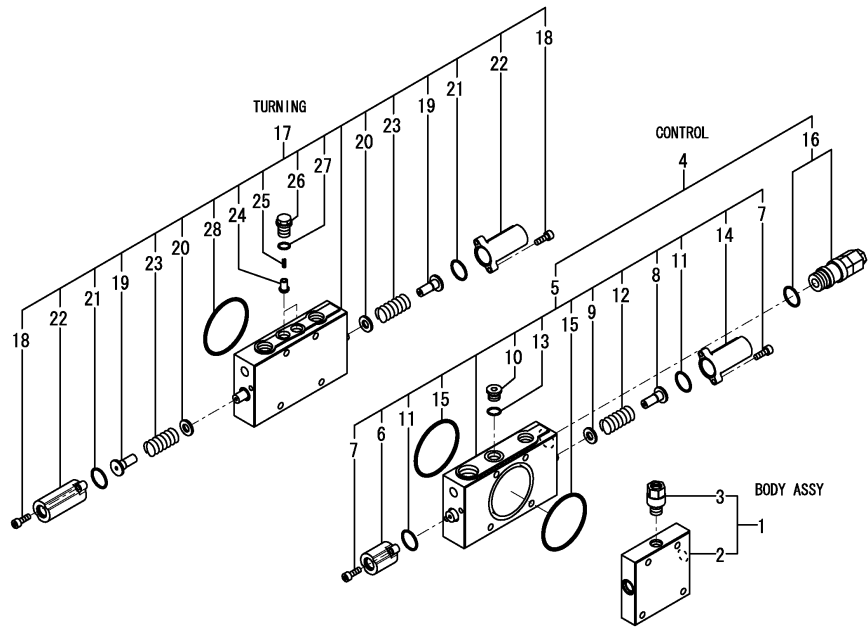
Remarks

* Control valve assy is shown in Fig.93.

Fig.101. CONTROL VALVE(A-TYPE)(9/9)(TO M11518)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71250	BODY ASSY	1	1	1	1				
2	3	172478-74360	BODY	1	1	1	1				
3	3	172478-74370	PLUG ASSY	1	1	1	1				
4	2	172B11-74140	SECTION ASSY,CONTROL	1	1	1	1				
5	3	172A69-71230	SECTION, CONTROL	1	1	1	1				
6	4	172A69-71240	CAP ASSY	1	1	1	1				
7	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
8	4	172478-74180	SEAT, SPRING	1	1	1	1				
9	4	172175-74220	SEAT, SPRING	1	1	1	1				
10	4	172A69-74250	PLUG	1	1	1	1				
11	4	172151-74320	O-RING	2	2	2	2				
12	4	172455-74410	SPRING	1	1	1	1				
13	4	172455-74460	O-RING	1	1	1	1				
14	4	172455-74480	CAP	1	1	1	1				
15	4	24321-000700	O-RING, 1AG70.0	2	2	2	2				
16	3	172B11-74150	RELIEF, 24.2/30	1	1	1	1				
17	2	172A89-74270	SECTION, SWING	1	1	1	1				
18	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
19	3	172478-74180	SEAT, SPRING	2	2	2	2				
20	3	172175-74220	SEAT, SPRING	2	2	2	2				
21	3	172151-74320	O-RING	2	2	2	2				
22	3	172455-74390	CAP	2	2	2	2				
23	3	172455-74410	SPRING	2	2	2	2				
24	3	172455-74420	POPPET	2	2	2	2				
25	3	172455-74440	SPRING	2	2	2	2				
26	3	172455-74450	PLUG	2	2	2	2				
27	3	172455-74460	O-RING	2	2	2	2				
28	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				

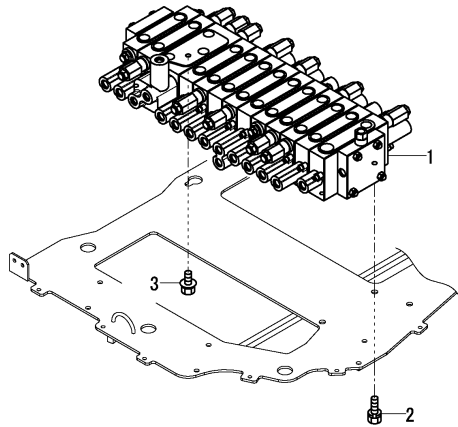
Remarks
 * Control valve assy is shown in Fig.93.

Fig.182. (101A)CONTROL VALVE(B-TYPE)(1/9)(FROM M11519)

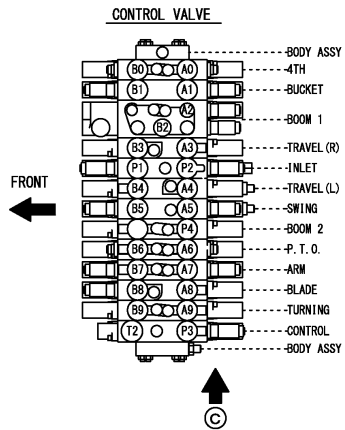
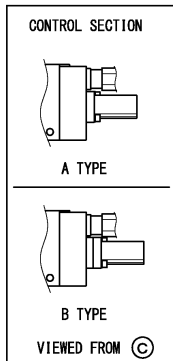
(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

CONTROL VALVE ASSY
 Fig.182 Ref.No.1
 INC.Fig.183~190.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-74101	VALVE ASSY, CONTROL	1	1	1	1				1
2	1	26013-100162	BOLT, M10X 16	2	2	2	2				
3	1	26106-100122	BOLT, M10X 12 PLATED	1	1	1	1				



Remarks

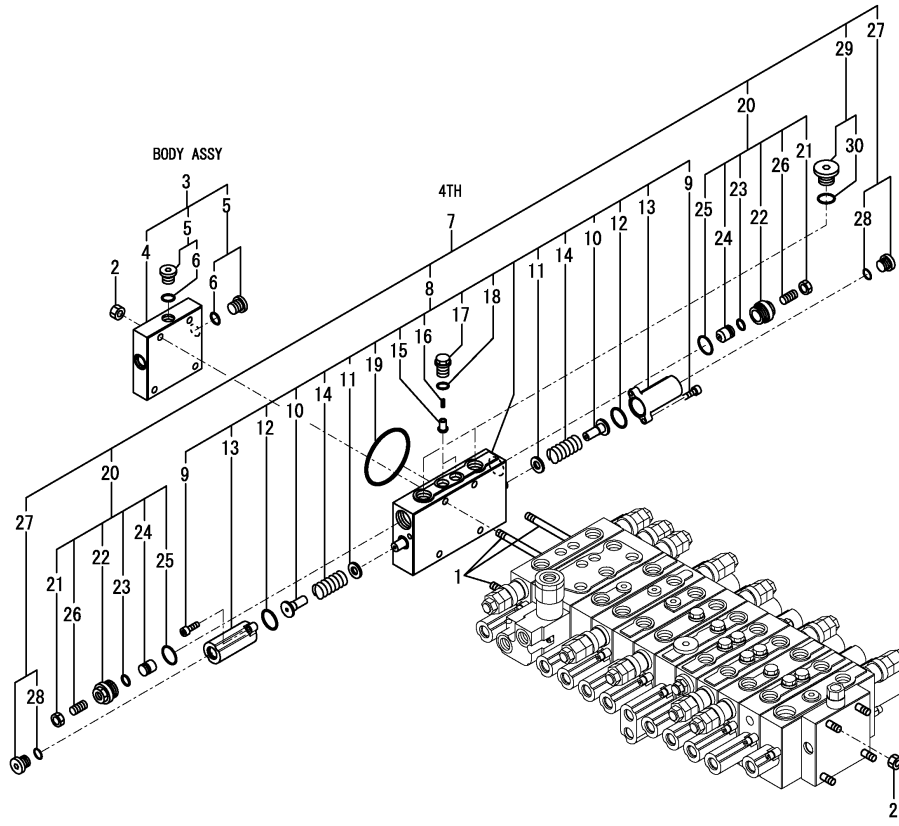
* A-type is shown in Fig.93.

(1) Inner parts are shown in Fig.190(109I) from Fig.183(109B).

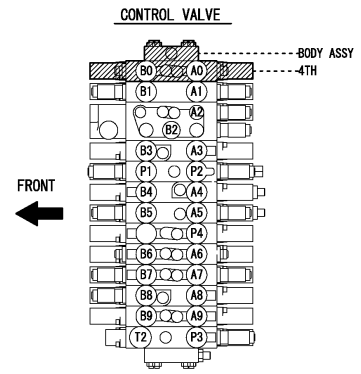
Fig.183. (101B)CONTROL VALVE(B-TYPE)(2/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71260	ROD, TIE	4	4	4	4				
2	2	172422-74110	NUT	8	8	8	8				
3	2	172A69-74110	BODY ASSY	1	1	1	1				
4	3	172478-74360	BODY	1	1	1	1				
5	3	172187-74530	PLUG ASSY	2	2	2	2				
6	4	24315-000110	O-RING, 1BP11.0	2	2	2	2				
7	2	172A69-74170	SECTION ASSY, 4TH	1	1	1	1				
8	3	172A69-74180	SECTION, 4TH	1	1	1	1				
9	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
10	4	172478-74180	SEAT, SPRING	2	2	2	2				
11	4	172175-74220	SEAT, SPRING	2	2	2	2				
12	4	172151-74320	O-RING	2	2	2	2				
13	4	172455-74390	CAP	2	2	2	2				
14	4	172455-74410	SPRING	2	2	2	2				
15	4	172455-74420	POPPET	2	2	2	2				
16	4	172455-74440	SPRING	2	2	2	2				
17	4	172455-74450	PLUG	2	2	2	2				
18	4	172455-74460	O-RING	2	2	2	2				
19	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
20	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2	2				
21	4	172455-74010	NUT, SHOE	2	2	2	2				
22	4	172455-74020	PLUG	2	2	2	2				
23	4	172455-74030	O-RING	2	2	2	2				
24	4	172455-74040	POPPET	2	2	2	2				
25	4	172116-74150	O-RING	2	2	2	2				
26	4	172455-74990	SCREW, SETTING	2	2	2	2				
27	3	172187-74530	PLUG ASSY	2	2	2	2				
28	4	24315-000110	O-RING, 1BP11.0	2	2	2	2				
29	3	172187-74550	PLUG ASSY	2	2	2	2				
30	4	24315-000180	O-RING, 1BP18.0	2	2	2	2				

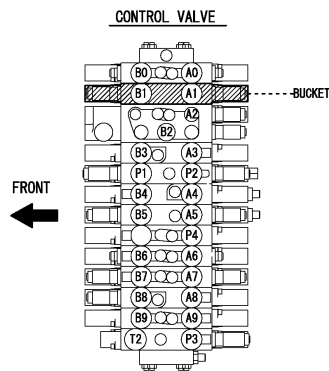
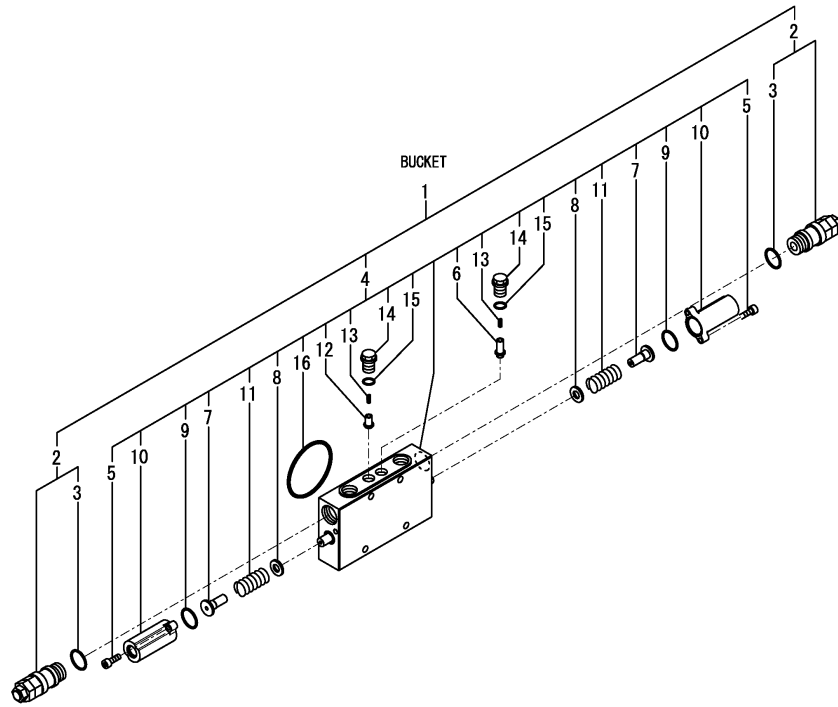


Remarks
 * Control valve assy is shown in Fig.182(101A).

Fig.184. (101C)CONTROL VALVE(B-TYPE)(3/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-74270	SECTION ASSY, BUCKET	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172B11-74280	SECTION, BUCKET	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172B11-74120	VALVE, POPPET 3.0	1	1	1	1				
7	4	172478-74180	SEAT, SPRING	2	2	2	2				
8	4	172175-74220	SEAT, SPRING	2	2	2	2				
9	4	172151-74320	O-RING	2	2	2	2				
10	4	172455-74390	CAP	2	2	2	2				
11	4	172455-74410	SPRING	2	2	2	2				
12	4	172455-74420	POPPET	1	1	1	1				
13	4	172455-74440	SPRING	2	2	2	2				
14	4	172455-74450	PLUG	2	2	2	2				
15	4	172455-74460	O-RING	2	2	2	2				
16	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

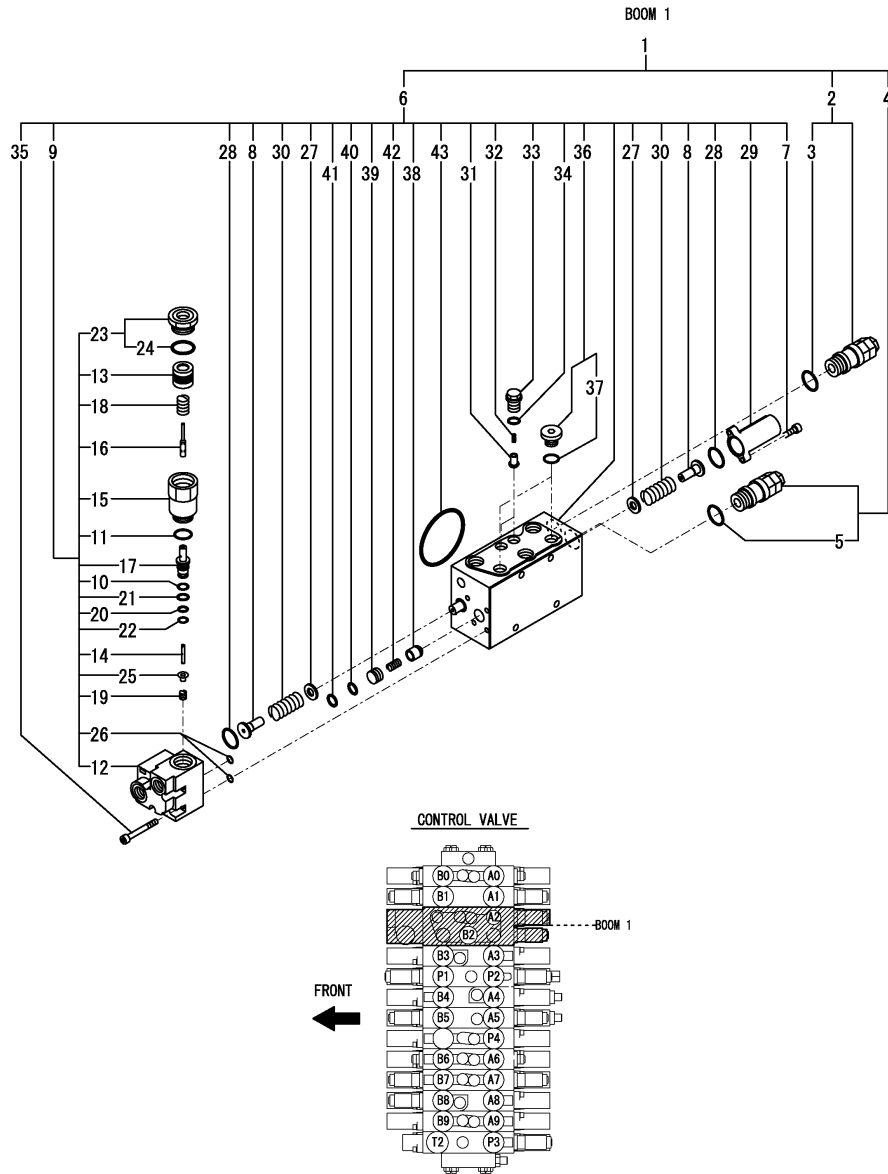
Remarks

* Control valve assy is shown in Fig.182(101A).

Fig.185. (101D)CONTROL VALVE(B-TYPE)(4/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-74180	SECTION ASSY, BOOM1	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	1	1	1	1				
3	4	172116-74150	O-RING	1	1	1	1				
4	3	172A89-74190	VALVE, RELIEF	1	1	1	1				
5	4	172116-74150	O-RING	1	1	1	1				
6	3	172B11-74200	SECTION, BOOM1	1	1	1	1				
7	4	172151-74060	BOLT, SOCKET HEAD	2	2	2	2				
8	4	172478-74180	SEAT, SPRING	2	2	2	2				
9	4	172488-74200	VALVE ASSY	1	1	1	1				
10	5	172638-73650	RING, BUCK UP	1	1	1	1				
11	5	172116-74150	O-RING	1	1	1	1				
12	5	172488-74210	BODY	1	1	1	1				
13	5	172488-74220	PISTON	1	1	1	1				
14	5	172455-74590	POPPET	1	1	1	1				
15	5	172455-74600	PLUG	1	1	1	1				
16	5	172455-74620	SPOOL	1	1	1	1				
17	5	172455-74630	SLEEVE	1	1	1	1				
18	5	172455-74640	SPRING	1	1	1	1				
19	5	172455-74650	SPRING	1	1	1	1				
20	5	172455-74660	O-RING	1	1	1	1				
21	5	172455-74670	O-RING	1	1	1	1				
22	5	172455-74680	RING, BUCK UP	1	1	1	1				
23	5	172187-74690	PLUG ASSY	1	1	1	1				
24	6	172312-74770	O-RING	1	1	1	1				
25	5	172455-74720	SEAT, SPRING	1	1	1	1				
26	5	24315-000070	O-RING, 1BP7.0	2	2	2	2				
27	4	172175-74220	SEAT, SPRING	2	2	2	2				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	1	1	1	1				
30	4	172455-74410	SPRING	2	2	2	2				
31	4	172455-74420	POPPET	2	2	2	2				
32	4	172455-74440	SPRING	2	2	2	2				
33	4	172455-74450	PLUG	2	2	2	2				
34	4	172455-74460	O-RING	2	2	2	2				
35	4	172455-74530	BOLT,SOCKET HEAD	5	5	5	5				
36	4	172187-74540	PLUG ASSY	2	2	2	2				
37	5	24315-000140	O-RING, 1BP14.0	2	2	2	2				
38	4	172455-74550	POPPET	1	1	1	1				
39	4	172455-74560	SPACER	1	1	1	1				
40	4	172455-74570	O-RING	1	1	1	1				
41	4	172455-74580	RING, BUCK UP	1	1	1	1				
42	4	172187-74630	SPRING	1	1	1	1				
43	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

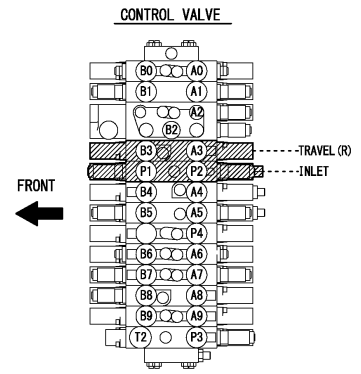
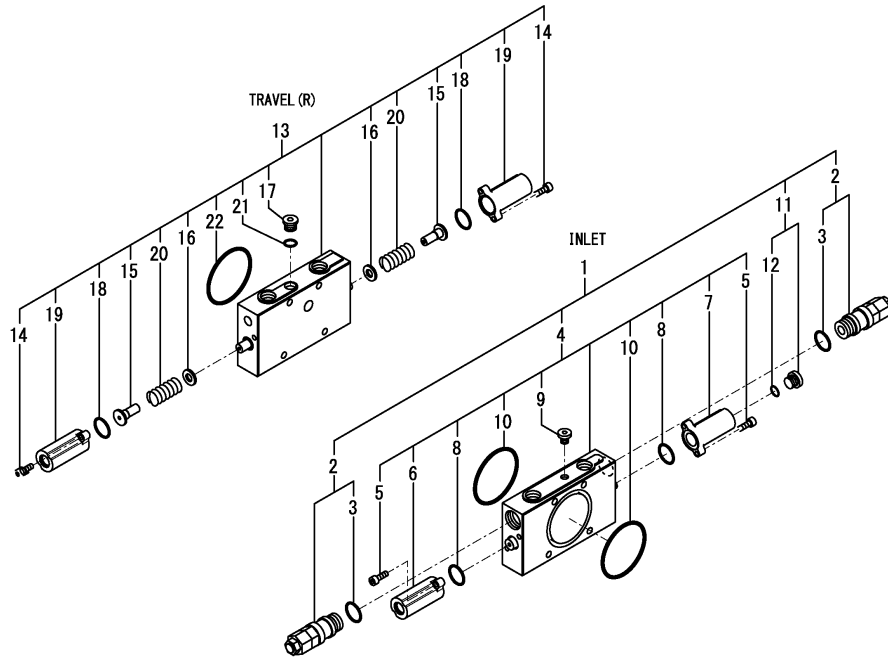
Remarks

* Control valve assy is shown in Fig.182(101A).

Fig.186. (101E)CONTROL VALVE(B-TYPE)(5/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



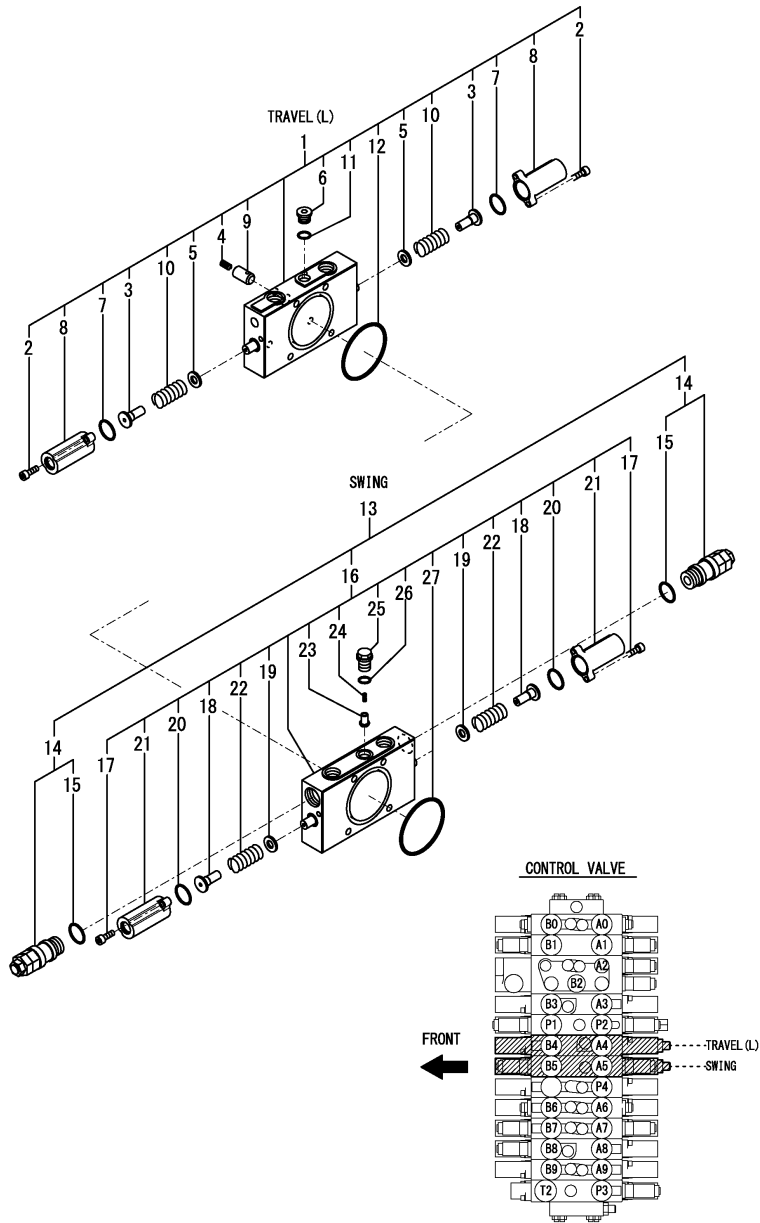
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A89-74120	SECTION ASSY, INLET	1	1	1	1				
2	3	172A89-74130	VALVE,RELIEF 25.7/30	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172A69-74140	SECTION, INLET	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172A69-74150	CAP ASSY	1	1	1	1				
7	4	172A69-74160	CAP	1	1	1	1				
8	4	172151-74320	O-RING	2	2	2	2				
9	4	172422-74330	PLUG ASSY	1	1	1	1				
10	4	24321-000700	O-RING, 1AG70.0	2	2	2	2				
11	3	172187-74530	PLUG ASSY	1	1	1	1				
12	4	24315-000110	O-RING, 1BP11.0	1	1	1	1				
13	2	172A89-74210	SECTION, TRAVEL	1	1	1	1				
14	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
15	3	172478-74180	SEAT, SPRING	2	2	2	2				
16	3	172175-74220	SEAT, SPRING	2	2	2	2				
17	3	172A69-74250	PLUG	1	1	1	1				
18	3	172151-74320	O-RING	2	2	2	2				
19	3	172455-74390	CAP	2	2	2	2				
20	3	172455-74410	SPRING	2	2	2	2				
21	3	172455-74460	O-RING	1	1	1	1				
22	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.182(101A).

Fig.187. (101F)CONTROL VALVE(B-TYPE)(6/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A89-74220	SECTION, TRAVEL	1	1	1	1				
2	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
3	3	172478-74180	SEAT, SPRING	2	2	2	2				
4	3	172113-74190	SPRING	1	1	1	1				
5	3	172175-74220	SEAT, SPRING	2	2	2	2				
6	3	172A69-74250	PLUG	1	1	1	1				
7	3	172151-74320	O-RING	2	2	2	2				
8	3	172455-74390	CAP	2	2	2	2				
9	3	172187-74410	POPPET	1	1	1	1				
10	3	172455-74410	SPRING	2	2	2	2				
11	3	172455-74460	O-RING	1	1	1	1				
12	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				
13	2	172A89-74230	SECTION ASSY, SWING	1	1	1	1				
14	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
15	4	172116-74150	O-RING	2	2	2	2				
16	3	172A69-74280	SECTION, SWING	1	1	1	1				
17	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
18	4	172478-74180	SEAT, SPRING	2	2	2	2				
19	4	172175-74220	SEAT, SPRING	2	2	2	2				
20	4	172151-74320	O-RING	2	2	2	2				
21	4	172455-74390	CAP	2	2	2	2				
22	4	172455-74410	SPRING	2	2	2	2				
23	4	172455-74420	POPPET	1	1	1	1				
24	4	172455-74440	SPRING	1	1	1	1				
25	4	172455-74450	PLUG	1	1	1	1				
26	4	172455-74460	O-RING	1	1	1	1				
27	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				

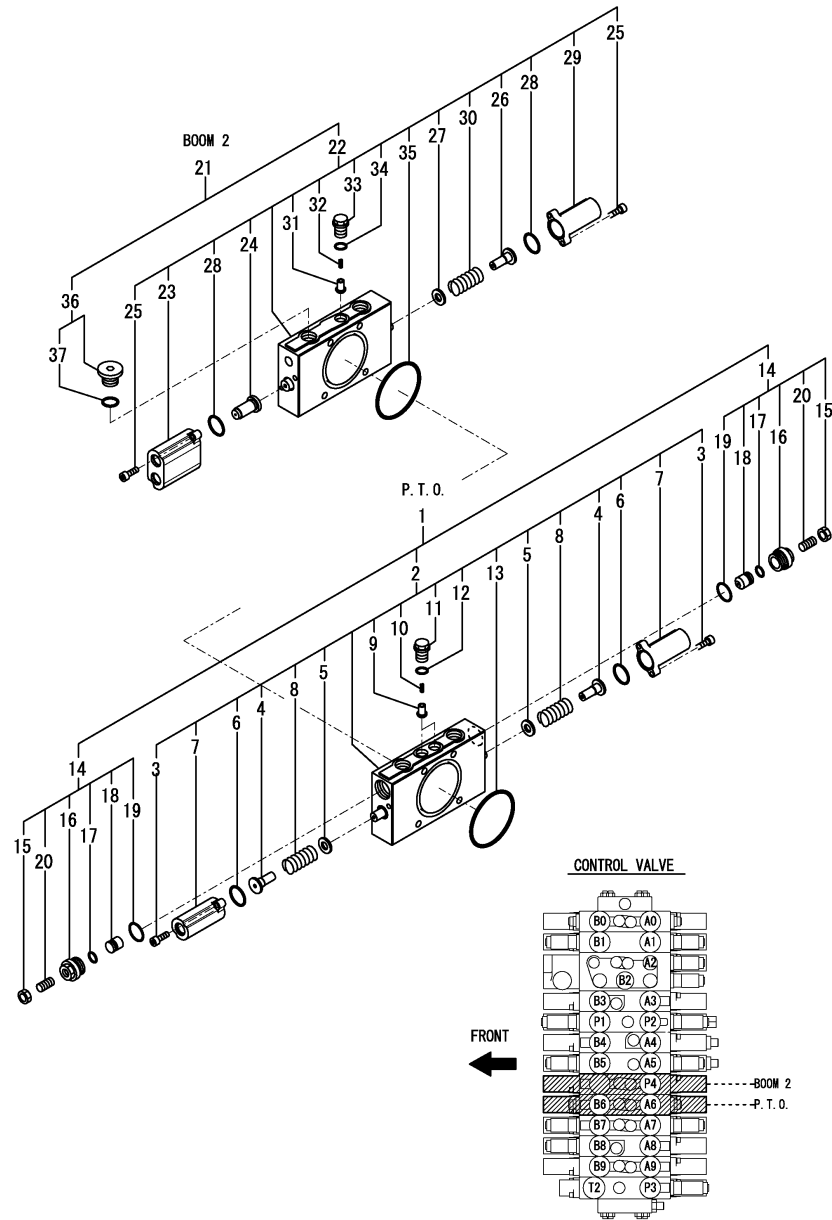
Remarks

* Control valve assy is shown in Fig.182(101A).

Fig.188. (101G)CONTROL VALVE(B-TYPE)(7/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

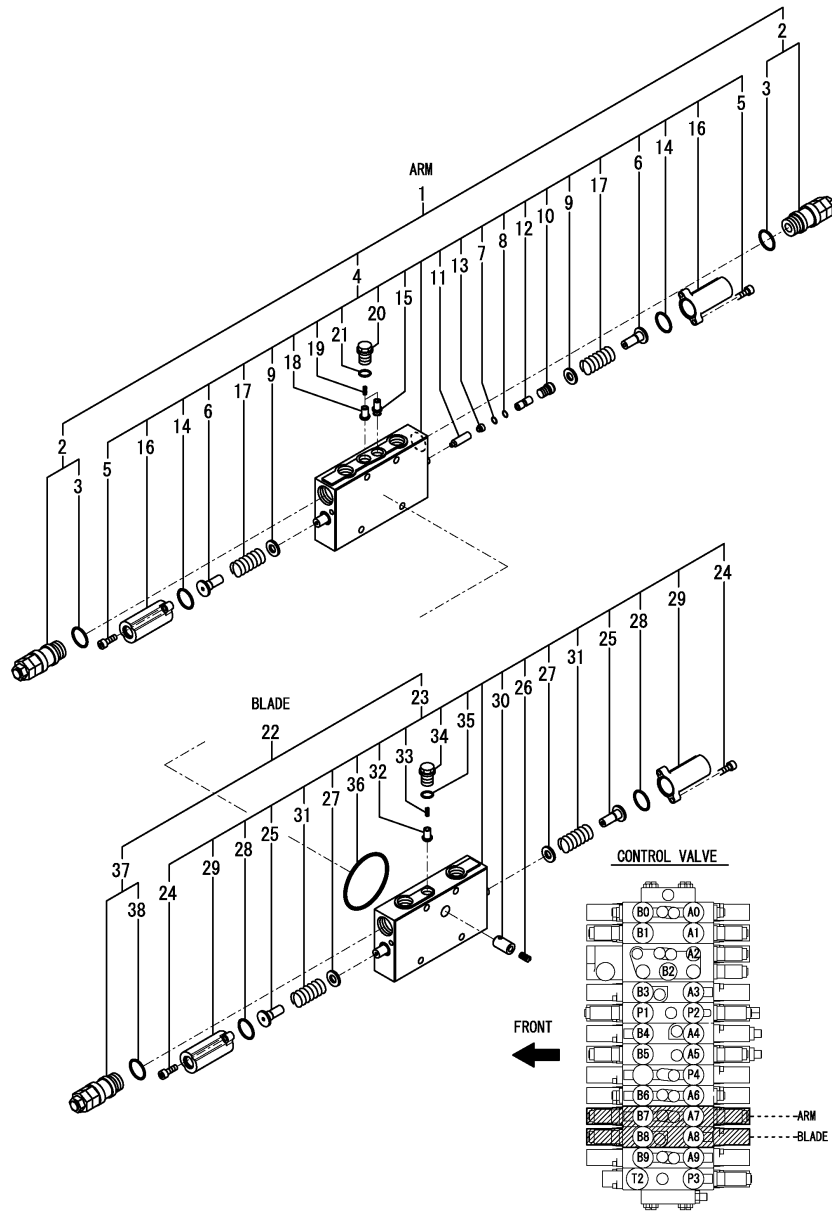


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71130	SECTION ASSY, PTO	1	1	1	1				
2	3	172A69-71140	SECTION, PTO	1	1	1	1				
3	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
4	4	172478-74180	SEAT, SPRING	2	2	2	2				
5	4	172175-74220	SEAT, SPRING	2	2	2	2				
6	4	172151-74320	O-RING	2	2	2	2				
7	4	172455-74390	CAP	2	2	2	2				
8	4	172455-74410	SPRING	2	2	2	2				
9	4	172455-74420	POPPET	2	2	2	2				
10	4	172455-74440	SPRING	2	2	2	2				
11	4	172455-74450	PLUG	2	2	2	2				
12	4	172455-74460	O-RING	2	2	2	2				
13	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
14	3	172455-74320	VALVE ASSY, SHUT-OFF	2	2	2	2				
15	4	172455-74010	NUT, SHOE	2	2	2	2				
16	4	172455-74020	PLUG	2	2	2	2				
17	4	172455-74030	O-RING	2	2	2	2				
18	4	172455-74040	POPPET	2	2	2	2				
19	4	172116-74150	O-RING	2	2	2	2				
20	4	172455-74990	SCREW, SETTING	2	2	2	2				
21	2	172B11-74290	SECTION ASSY, BOOM2	1	1	1	1				
22	3	172B11-74300	SECTION, BOOM2	1	1	1	1				
23	4	172A69-71110	CAP	1	1	1	1				
24	4	172A69-71120	PISTON	1	1	1	1				
25	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
26	4	172478-74180	SEAT, SPRING	1	1	1	1				
27	4	172175-74220	SEAT, SPRING	1	1	1	1				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	1	1	1	1				
30	4	172455-74410	SPRING	1	1	1	1				
31	4	172455-74420	POPPET	1	1	1	1				
32	4	172455-74440	SPRING	1	1	1	1				
33	4	172455-74450	PLUG	1	1	1	1				
34	4	172455-74460	O-RING	1	1	1	1				
35	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
36	3	172187-74550	PLUG ASSY	1	1	1	1				
37	4	24315-000180	O-RING, 1BP18.0	1	1	1	1				

Remarks

* Control valve assy is shown in Fig.182(101A).

Fig.189. (101H)CONTROL VALVE(B-TYPE)(8/9)(FROM M11519)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-74210	SECTION ASSY, ARM	1	1	1	1				
2	3	172A89-74150	VALVE, RELIEF	2	2	2	2				
3	4	172116-74150	O-RING	2	2	2	2				
4	3	172B11-74220	SECTION, ARM	1	1	1	1				
5	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
6	4	172478-74180	SEAT, SPRING	2	2	2	2				
7	4	172425-74200	O-RING	1	1	1	1				
8	4	172425-74210	RING	1	1	1	1				
9	4	172175-74220	SEAT, SPRING	2	2	2	2				
10	4	172B11-74230	PLUG	1	1	1	1				
11	4	172B11-74240	SPOOL, POPEET	1	1	1	1				
12	4	172B11-74250	SPACER	1	1	1	1				
13	4	172B11-74260	SPRING	1	1	1	1				
14	4	172151-74320	O-RING	2	2	2	2				
15	4	172A89-74330	VALVE, POPPET	1	1	1	1				
16	4	172455-74390	CAP	2	2	2	2				
17	4	172455-74410	SPRING	2	2	2	2				
18	4	172455-74420	POPPET	1	1	1	1				
19	4	172455-74440	SPRING	2	2	2	2				
20	4	172455-74450	PLUG	2	2	2	2				
21	4	172455-74460	O-RING	2	2	2	2				
22	2	172A89-74280	SECTION ASSY, BLADE	1	1	1	1				
23	3	172A69-71190	SECTION, BLADE	1	1	1	1				
24	4	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
25	4	172478-74180	SEAT, SPRING	2	2	2	2				
26	4	172113-74190	SPRING	1	1	1	1				
27	4	172175-74220	SEAT, SPRING	2	2	2	2				
28	4	172151-74320	O-RING	2	2	2	2				
29	4	172455-74390	CAP	2	2	2	2				
30	4	172187-74410	POPPET	1	1	1	1				
31	4	172455-74410	SPRING	2	2	2	2				
32	4	172455-74420	POPPET	1	1	1	1				
33	4	172455-74440	SPRING	1	1	1	1				
34	4	172455-74450	PLUG	1	1	1	1				
35	4	172455-74460	O-RING	1	1	1	1				
36	4	24321-000700	O-RING, 1AG70.0	1	1	1	1				
37	3	172B11-74440	RELIEF, 15.0/50	1	1	1	1				
38	4	172116-74150	O-RING	1	1	1	1				

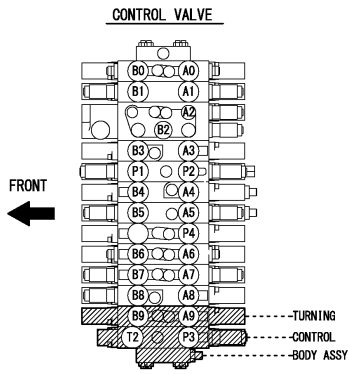
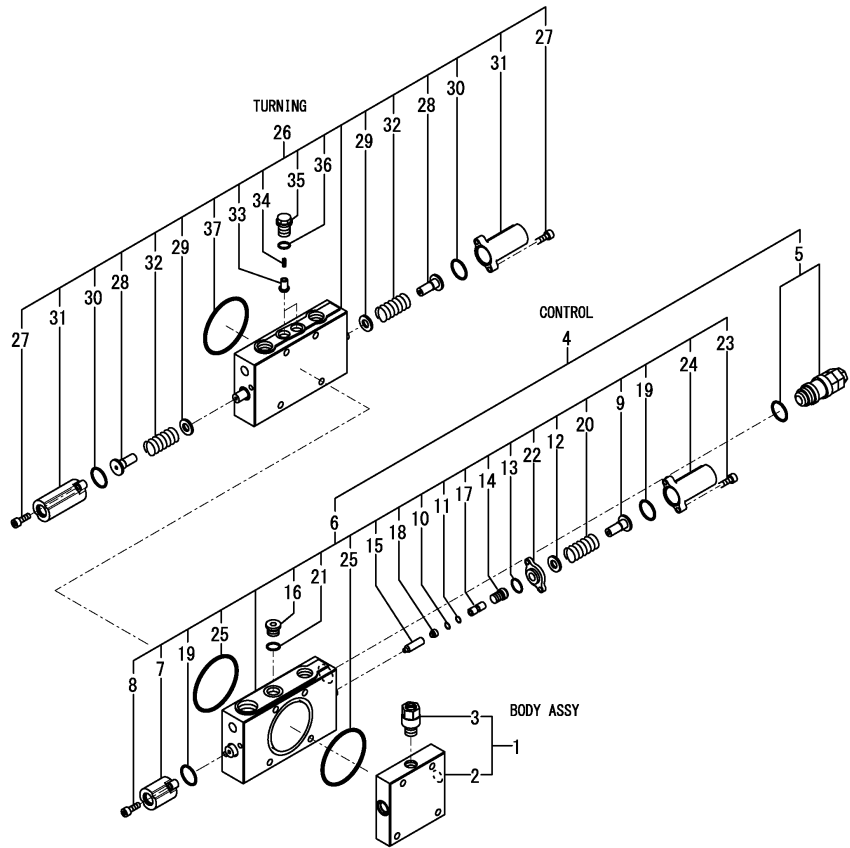
Remarks

* Control valve assy is shown in Fig.182(101A).

Fig.190. (101I)CONTROL VALVE(B-TYPE)(9/9)(FROM M11519)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

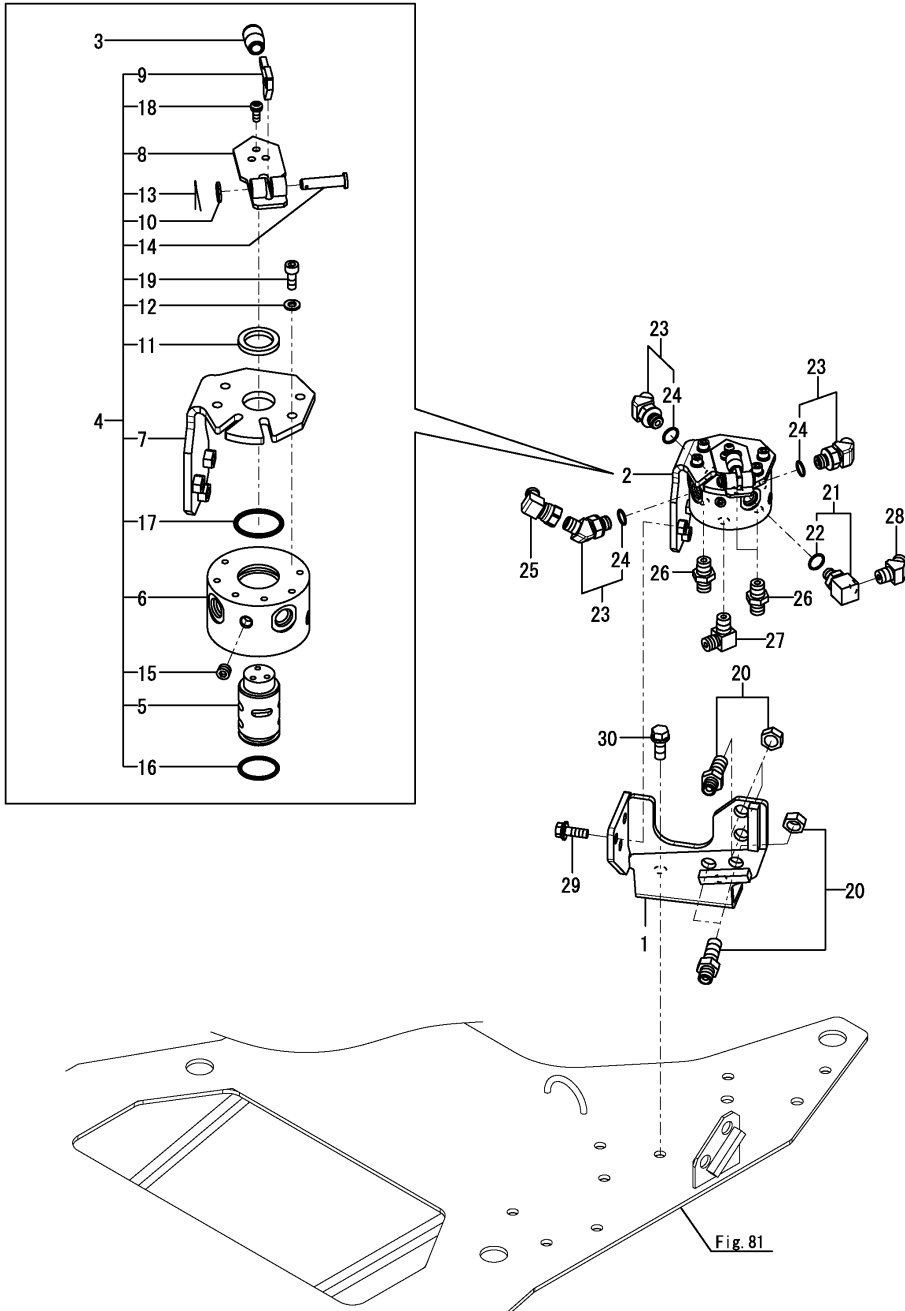
(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A69-71250	BODY ASSY	1	1	1	1				
2	3	172478-74360	BODY	1	1	1	1				
3	3	172478-74370	PLUG ASSY	1	1	1	1				
4	2	172B11-74141	SECTION ASSY,CONTROL	1	1	1	1				
5	3	172B11-74150	RELIEF, 24.2/30	1	1	1	1				
6	3	172B27-74360	SECTION, CONFLUX	1	1	1	1				
7	4	172A69-71240	CAP ASSY	1	1	1	1				
8	4	172151-74060	BOLT, SOCKET HEAD	2	2	2	2				
9	4	172478-74180	SEAT, SPRING	1	1	1	1				
10	4	172425-74200	O-RING	1	1	1	1				
11	4	172425-74210	RING	1	1	1	1				
12	4	172175-74220	SEAT, SPRING	1	1	1	1				
13	4	172312-74230	O-RING	1	1	1	1				
14	4	172B11-74230	PLUG	1	1	1	1				
15	4	172B11-74240	SPOOL, POPEET	1	1	1	1				
16	4	172A69-74250	PLUG	1	1	1	1				
17	4	172B11-74250	SPACER	1	1	1	1				
18	4	172B11-74260	SPRING	1	1	1	1				
19	4	172151-74320	O-RING	2	2	2	2				
20	4	172455-74410	SPRING	1	1	1	1				
21	4	172455-74460	O-RING	1	1	1	1				
22	4	172B27-74460	SPACER	1	1	1	1				
23	4	172B27-74470	BOLT, HEX SOCKET	2	2	2	2				
24	4	172455-74480	CAP	1	1	1	1				
25	4	24321-000700	O-RING, 1AG70.0	2	2	2	2				
26	2	172A89-74270	SECTION, SWING	1	1	1	1				
27	3	172151-74060	BOLT, SOCKET HEAD	4	4	4	4				
28	3	172478-74180	SEAT, SPRING	2	2	2	2				
29	3	172175-74220	SEAT, SPRING	2	2	2	2				
30	3	172151-74320	O-RING	2	2	2	2				
31	3	172455-74390	CAP	2	2	2	2				
32	3	172455-74410	SPRING	2	2	2	2				
33	3	172455-74420	POPPET	2	2	2	2				
34	3	172455-74440	SPRING	2	2	2	2				
35	3	172455-74450	PLUG	2	2	2	2				
36	3	172455-74460	O-RING	2	2	2	2				
37	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				

Remarks
 * Control valve assy is shown in Fig.182(101A).

Fig.102. 2-WAY VALVE



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

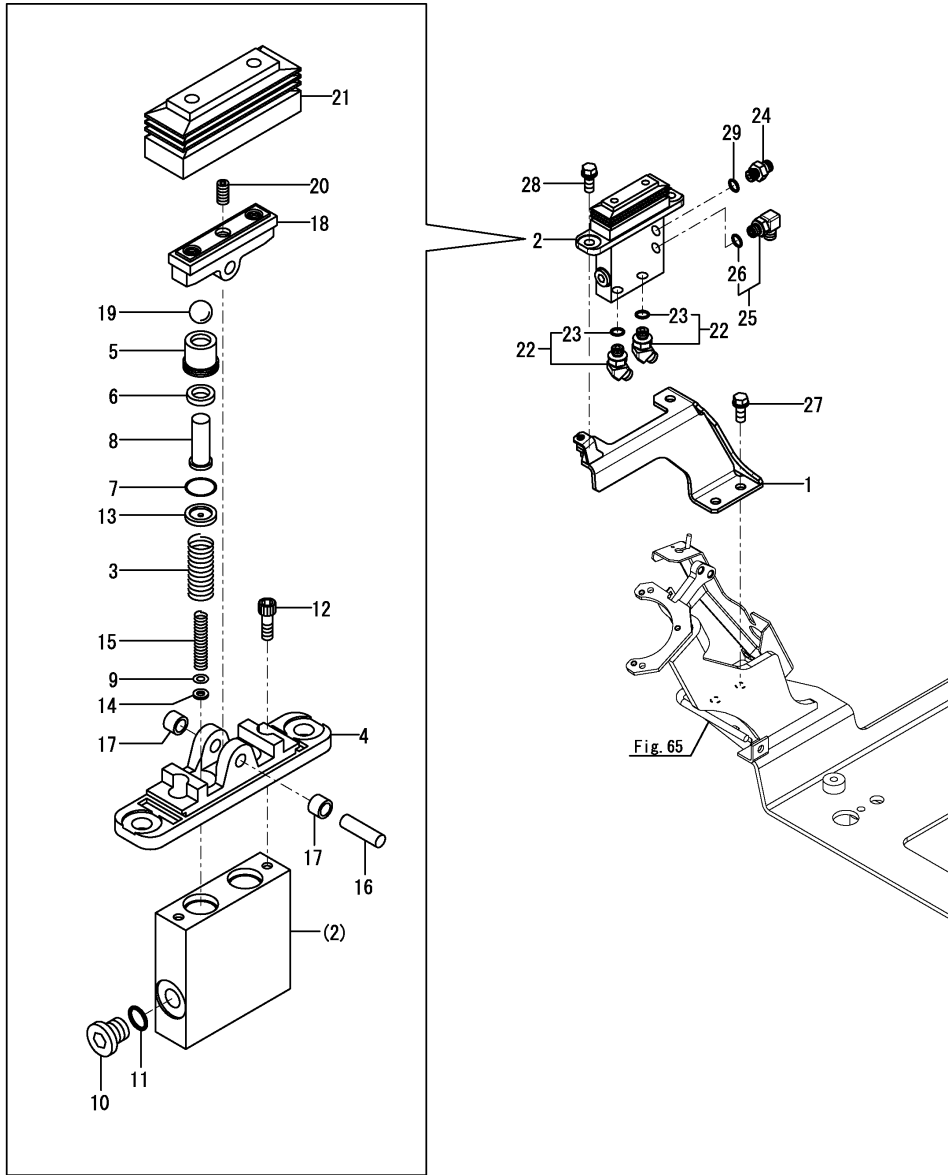
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-71750	BRACKET ASSY,2WAY	1	1	1	1				
2	1	172A36-74690	VALVE ASSY, 2-WAY	1	1	1	1				
3	2	172157-58830	KNOB, 6.5X18X35	1	1	1	1				
4	2	172A36-74700	VALVE ASSY, 2-WAY	1	1	1	1				
5	3	172437-74711	SHAFT	1	1	1	1				
6	3	172437-74720	BLOCK,VALVE	1	1	1	1				
7	3	172437-74732	STAY ASSY	1	1	1	1				
8	3	172A36-74750	LEVER	1	1	1	1				
9	3	172A36-74780	PLATE,LOCK	1	1	1	1				
10	3	22117-080000	WASHER, 8	1	1	1	1				
11	3	22137-240000	WASHER, 24	1	1	1	1				
12	3	22217-060000	WASHER, SPRING 6	4	4	4	4				
13	3	22417-200160	PIN, COTTER 2.0X16	1	1	1	1				
14	3	22487-080300	PIN, H 8X 30	1	1	1	1				
15	3	23871-010000	PLUG, R01	4	4	4	4				
16	3	24311-000250	O-RING, 1AP25.0	1	1	1	1				
17	3	24311-000320	O-RING, 1AP32.0	1	1	1	1				
18	3	26022-050122	SCREW, M5X12	3	3	3	3				
19	3	26450-060162	BOLT, M6X 16	4	4	4	4				
20	1	172151-76050	JOINT	4	4	4	4				
21	1	172137-76100	ELBOW	1	1	1	1				
22	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
23	1	172173-76102	CONNECTOR ASSY	3	3	3	3				
24	2	41851-000110	O-RING	3	3	3	3				
25	1	172828-76330	CONNECTOR, 1/4X1/4	1	1	1	1				
26	1	23391-020000	JOINT, RGI-1/4	3	3	3	3				
27	1	23393-020000	JOINT, 90RGI-1/4	1	1	1	1				
28	1	23394-020000	JOINT, 45RGI-1/4	1	1	1	1				
29	1	26013-080252	BOLT, M8X 25	3	3	3	3				
30	1	26013-100252	BOLT, M10X 25	2	2	2	2				

Fig.103. BLADE VALVE

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

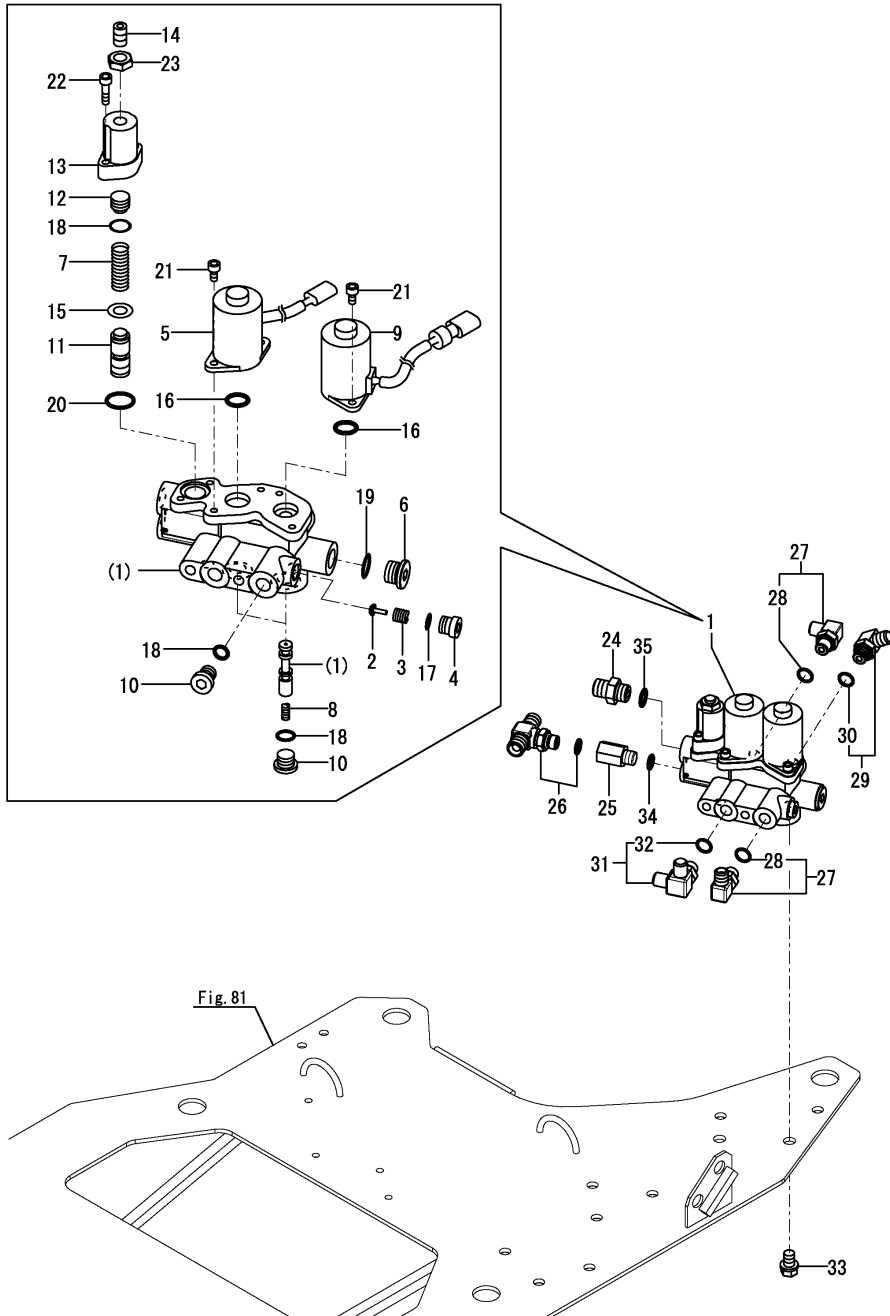
(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74310	STAY ASSY, VALVE	1	1	1	1				
2	1	172A69-74670	VALVE ASSY	1	1	1	1				
3	2	172A69-74680	SPRING	2	2	2	2				
4	2	172A47-74710	COVER	1	1	1	1				
5	2	172A47-74720	PLUG	2	2	2	2				
6	2	172A47-74730	PACKING	2	2	2	2				
7	2	172A47-74740	O-RING	2	2	2	2				
8	2	172A47-74750	ROD, PUSH	2	2	2	2				
9	2	172A47-74760	SHIM	2	2	2	2				
10	2	172A47-74770	PLUG	1	1	1	1				
11	2	172A47-74780	O-RING	1	1	1	1				
12	2	172A47-74790	BOLT	2	2	2	2				
13	2	172A47-74800	SEAT, SPRING	2	2	2	2				
14	2	172A47-74810	WASHER	2	2	2	2				
15	2	172A47-74820	SPRING	2	2	2	2				
16	2	172A47-74840	SHAFT, CAM	1	1	1	1				
17	2	172A47-74850	BUSH	2	2	2	2				
18	2	172A47-74860	CAM	1	1	1	1				
19	2	172A47-74870	BALL, STEEL	2	2	2	2				
20	2	172A47-74880	SCREW, SETTING	1	1	1	1				
21	2	172A47-74890	BELLOWS	1	1	1	1				
22	1	172173-76102	CONNECTOR ASSY	2	2	2	2				
23	2	41851-000110	O-RING	2	2	2	2				
24	1	172123-76121	ADAPTER	1	1	1	1				
25	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
26	2	41851-000110	O-RING	1	1	1	1				
27	1	26013-100252	BOLT, M10X 25	2	2	2	2				
28	1	26013-100252	BOLT, M10X 25	2	2	2	2				
29	1	41851-000110	O-RING	1	1	1	1				

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

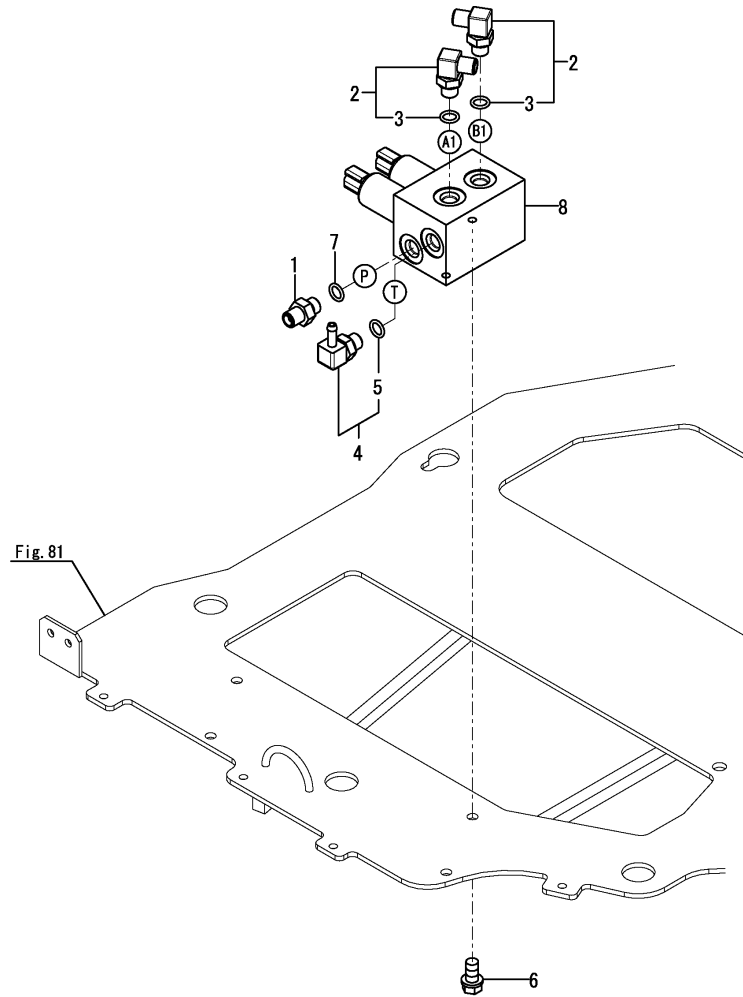


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74411	VALVE ASSY,SOL	1	1	1	1				
2	2	172A69-74440	PLUNGER	1	1	1	1				
3	2	172A69-74450	SPRING	1	1	1	1				
4	2	172A69-74460	PLUG	1	1	1	1				
5	2	172A69-74470	VALVE, SOLENOID	1	1	1	1				
6	2	172A69-74520	PLUG, PF1/2	1	1	1	1				
7	2	172A69-74540	SPRING	1	1	1	1				
8	2	172A46-74710	SPRING	2	2	2	2				
9	2	172A46-74720	VALVE, SOLENOID	1	1	1	1				
10	2	172A46-74730	PLUG,G1/4	3	3	3	3				
11	2	172A69-74960	PLUNGER	1	1	1	1				
12	2	172A69-74970	PLUG	1	1	1	1				
13	2	172A69-74980	COVER	1	1	1	1				
14	2	172A69-74990	SCREW, ADJUSTING	1	1	1	1				
15	2	22117-080000	WASHER, 8	1	1	1	1				
16	2	24311-000160	O-RING, 1AP16.0	2	2	2	2				
17	2	24315-000100	O-RING, 1BP10.0	1	1	1	1				
18	2	24315-000110	O-RING, 1BP11.0	4	4	4	4				
19	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
20	2	24315-000200	O-RING, 1BP20.0	1	1	1	1				
21	2	26450-050122	BOLT, M5X 12	4	4	4	4				
22	2	26450-050202	BOLT, M5X 20	2	2	2	2				
23	2	26736-100002	NUT, M10	1	1	1	1				
24	1	172730-75141	ADAPTER	1	1	1	1				
25	1	172422-76140	CONNECTOR	1	1	1	1				
26	1	172B11-76150	CONNECTOR, TEE	1	1	1	1				
27	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2				
28	2	41851-000110	O-RING	2	2	2	2				
29	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
30	2	41851-000110	O-RING	1	1	1	1				
31	1	172491-76330	ELBOW, ADJUSTABLE	1	1	1	1				
32	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
33	1	26013-100162	BOLT, M10X 16	2	2	2	2				
34	1	41851-000110	O-RING	1	1	1	1				
35	1	41851-000140	O-RING	1	1	1	1				

Fig.105. VALVE(P.T.O.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

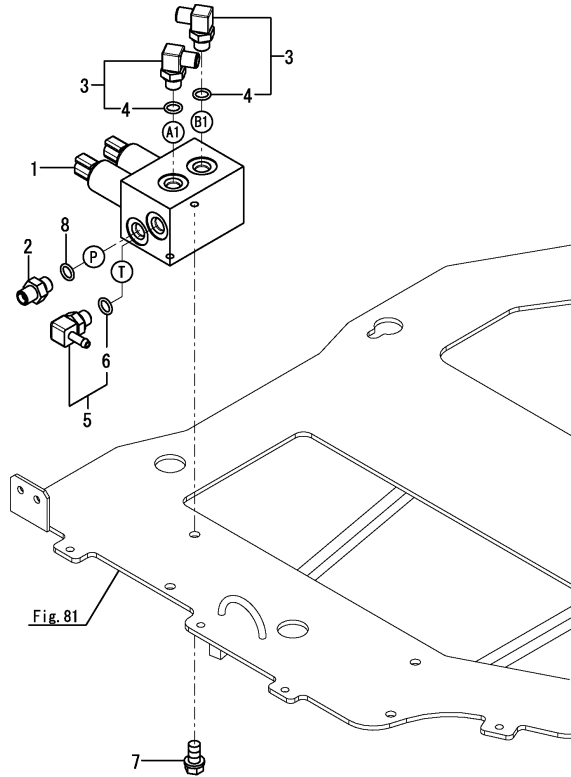


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1	1				
2	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2				
3	2	41851-000110	O-RING	2	2	2	2				
4	1	172186-76430	NIPPLE, ELBOW	1	1	1	1				
5	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
6	1	26013-080162	BOLT, M8X 16	2	2	2	2				
7	1	41851-000110	O-RING	1	1	1	1				
8	1	172B11-74410	VALVE ASSY,PTO	1	1	1	1				

Fig.155. (105A)VALVE(P.T.O. 2)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-74410	VALVE ASSY,PTO	1	1	1	1				
2	1	172123-76121	ADAPTER	1	1	1	1				
3	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2				
4	2	41851-000110	O-RING	2	2	2	2				
5	1	172186-76430	NIPPLE, ELBOW	1	1	1	1				
6	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
7	1	26013-080162	BOLT, M8X 16	2	2	2	2				
8	1	41851-000110	O-RING	1	1	1	1				

Fig. 81

Remarks
 * P.T.O. 2 is shown in Fig.168.

Fig.106. SOLENOID VALVE(QUICK COUPLER)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74550	VALVE ASSY	1	1	1	1				
2	2	172A69-74560	SOLENOID	1	1	1	1				
3	2	172A69-74590	PLUG G1/4	1	1	1	1				
4	2	172A46-74710	SPRING	1	1	1	1				
5	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
6	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
7	2	26450-050102	BOLT, M5X 10	2	2	2	2				
8	1	172173-76102	CONNECTOR ASSY	2	2	2	2				
9	2	41851-000110	O-RING	2	2	2	2				
10	1	172123-76121	ADAPTER	1	1	1	1				
11	1	172422-76140	CONNECTOR	1	1	1	1				
12	1	172186-76430	NIPPLE, ELBOW	1	1	1	1				
13	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
14	1	26013-080902	BOLT, M8X 90	2	2	2	2				
15	1	41851-000110	O-RING	2	2	2	2				

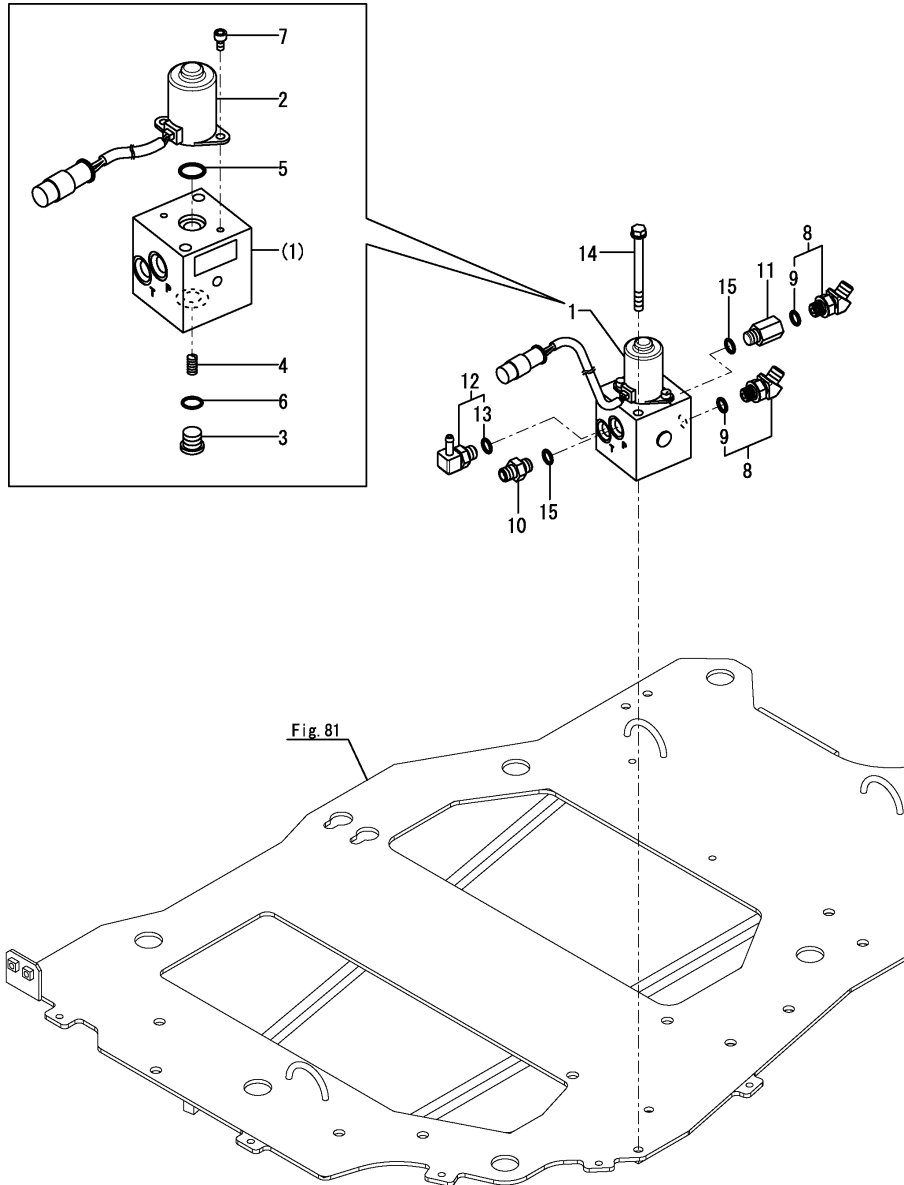
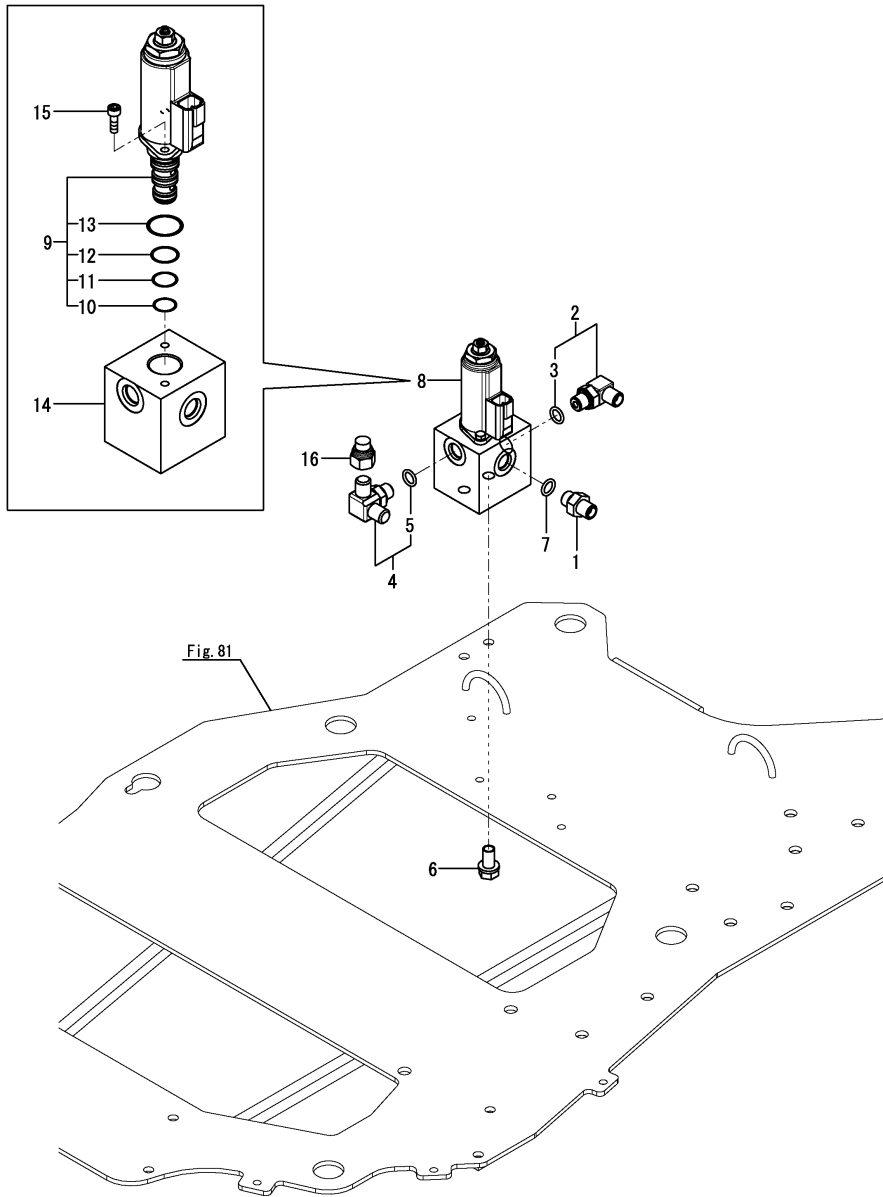


Fig.107. VALVE(ESS)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



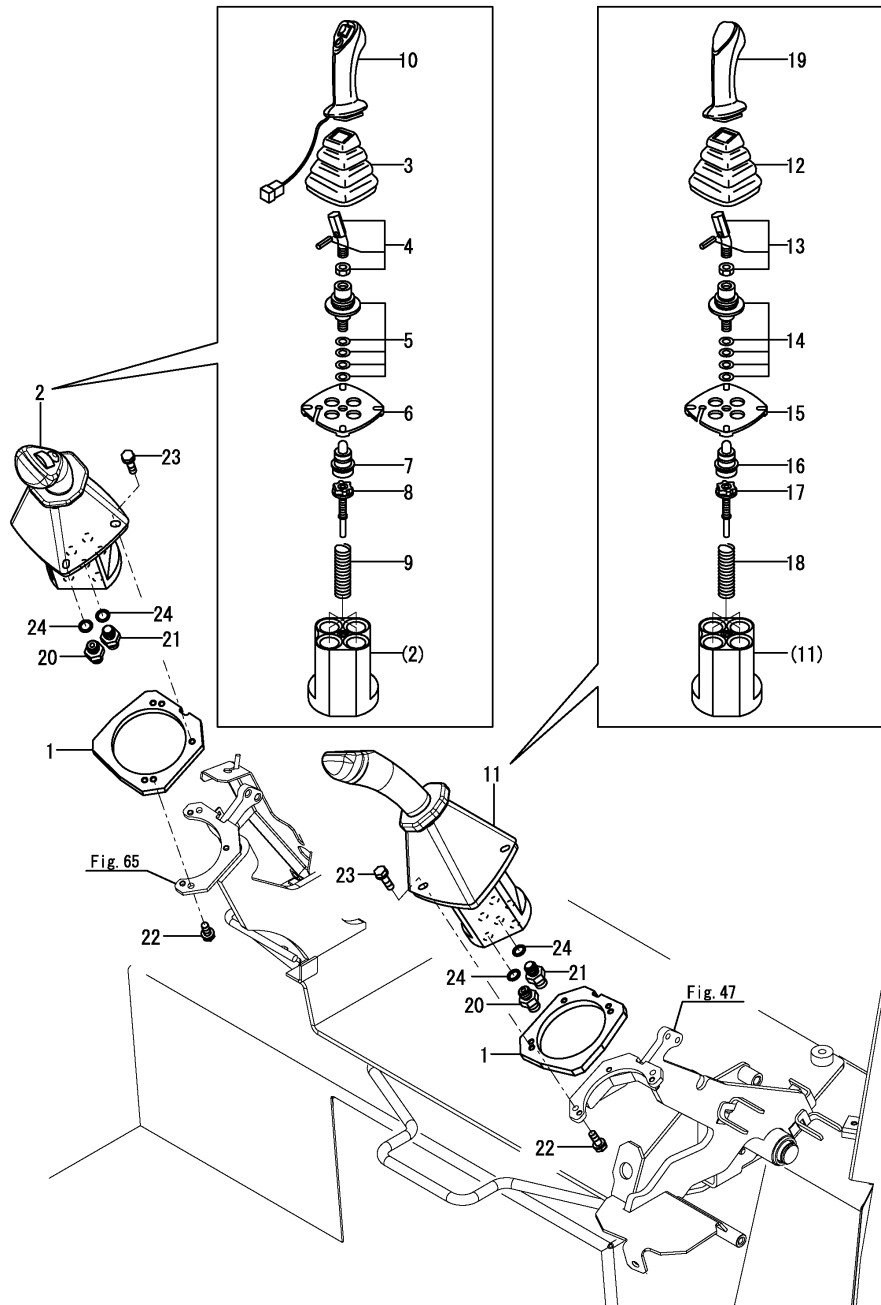
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1	1				
2	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
3	2	41851-000110	O-RING	1	1	1	1				
4	1	172491-76330	ELBOW, ADJUSTABLE	1	1	1	1				
5	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
6	1	26013-080162	BOLT, M8X 16	2	2	2	2				
7	1	41851-000110	O-RING	1	1	1	1				
8	1	172B03-74710	VALVE ASSY,P	1	1	1	1				
9	2	172B03-74740	CARTRIDGE ASSY,P0.7A	1	1	1	1				W
		(A=M10508)	(B=M10504)	(C=M10503)							
10	3	172B03-74860	O-RING, 1B AS 013	1	1	1	1				
11	3	172B03-74870	O-RING, 1B AS 014	1	1	1	1				
12	3	172B03-74880	O-RING, 1B AS 015	1	1	1	1				
13	3	24315-000200	O-RING, 1BP20.0	1	1	1	1				
14	2	172B03-74760	BLOCK, 1	1	1	1	1				W
		(A=M10508)	(B=M10504)	(C=M10503)							
15	2	26450-050122	BOLT, M5X 12	2	2	2	2				W
		(A=M10508)	(B=M10504)	(C=M10503)							
16	1	1E3030-78370	CAP, SCREW	1							1

Remarks
 (1)Not applied for quick coupler spec.

Fig.108. REMOTE CONTROL VALVE(OPERATION)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

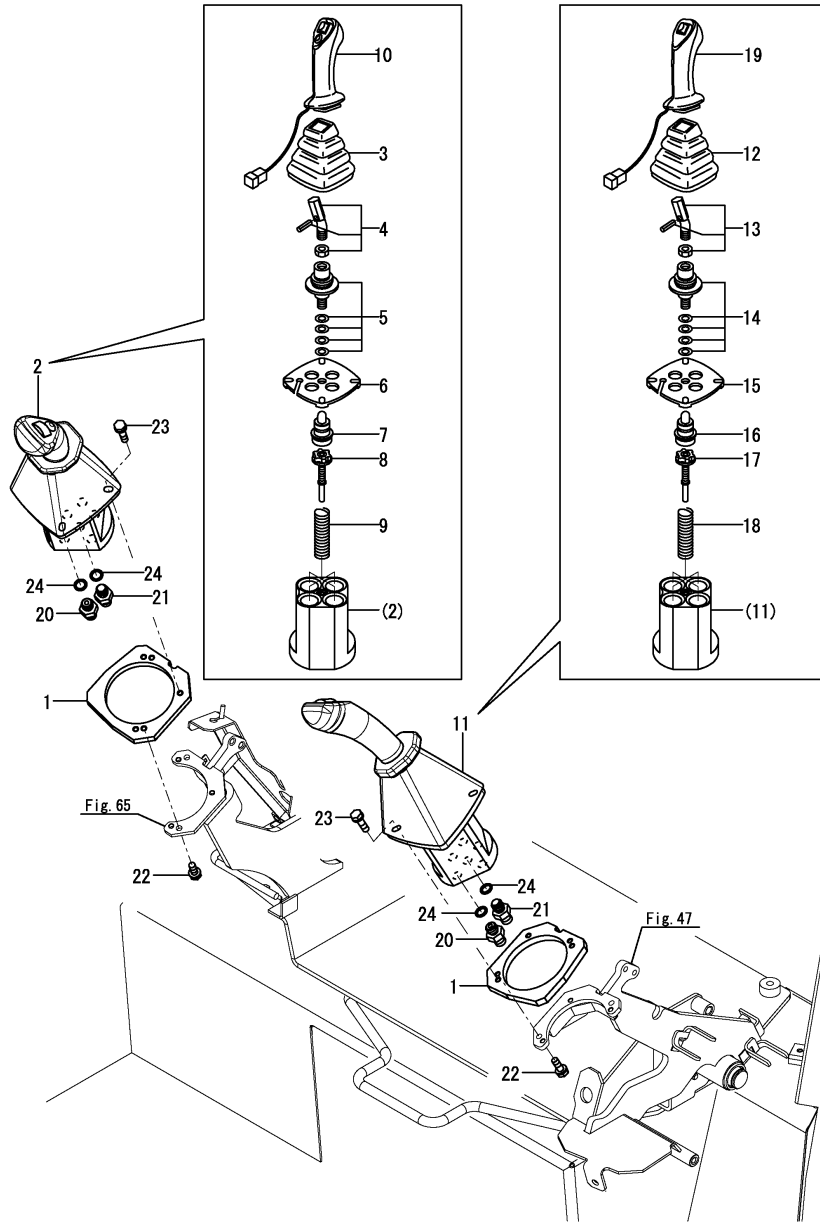


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A78-64510	SPACER, VALVE	2	2	2	2				
2	1	172B11-74850	VALVE ASSY,R	1	1	1	1				
3	2	172441-74030	BOOT	1	1	1	1				
4	2	172441-74040	LEVER KIT	1	1	1	1				
5	2	172463-74530	CARDAN KIT	1	1	1	1				
6	2	172463-74540	PLATE, RETAINING	1	1	1	1				
7	2	172463-74551	PLUNGER KIT	1	1	1	1				
8	2	172463-74561	REGULATION KIT	4	4	4	4				
9	2	172463-74570	SPRING KIT	1	1	1	1				
10	2	172B11-74860	HANDLE ASSY	1	1	1	1				
11	1	172A69-74900	VALVE ASSY,L	1	1	1	1				
12	2	172441-74030	BOOT	1	1	1	1				
13	2	172441-74040	LEVER KIT	1	1	1	1				
14	2	172463-74530	CARDAN KIT	1	1	1	1				
15	2	172463-74540	PLATE, RETAINING	1	1	1	1				
16	2	172463-74551	PLUNGER KIT	1	1	1	1				
17	2	172463-74561	REGULATION KIT	4	4	4	4				
18	2	172463-74570	SPRING KIT	1	1	1	1				
19	2	172A69-74910	HANDLE	1	1	1	1				
20	1	172123-76121	ADAPTER	10	10	10	10				
21	1	172455-76220	CONNECTOR	2	2	2	2				
22	1	26014-060162	BOLT, M6X 16	4	4	4	4				
23	1	26014-060162	BOLT, M6X 16	6	6	6	6				
24	1	41851-000110	O-RING	12	12	12	12				

Fig.156. (108A)REMOTE CONTROL VALVE(OPERATION : P.T.O. 2)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A78-64510	SPACER, VALVE	2	2	2	2				
2	1	172B11-74850	VALVE ASSY,R	1	1	1	1				
3	2	172441-74030	BOOT	1	1	1	1				
4	2	172441-74040	LEVER KIT	1	1	1	1				
5	2	172463-74530	CARDAN KIT	1	1	1	1				
6	2	172463-74540	PLATE, RETAINING	1	1	1	1				
7	2	172463-74551	PLUNGER KIT	1	1	1	1				
8	2	172463-74561	REGULATION KIT	4	4	4	4				
9	2	172463-74570	SPRING KIT	1	1	1	1				
10	2	172B11-74860	HANDLE ASSY	1	1	1	1				
11	1	172B11-74900	VALVE ASSY,L	1	1	1	1				
12	2	172441-74030	BOOT	1	1	1	1				
13	2	172441-74040	LEVER KIT	1	1	1	1				
14	2	172463-74530	CARDAN KIT	1	1	1	1				
15	2	172463-74540	PLATE, RETAINING	1	1	1	1				
16	2	172463-74551	PLUNGER KIT	1	1	1	1				
17	2	172463-74561	REGULATION KIT	4	4	4	4				
18	2	172463-74570	SPRING KIT	1	1	1	1				
19	2	172B11-74910	HANDLE ASSY	1	1	1	1				
20	1	172123-76121	ADAPTER	10	10	10	10				
21	1	172455-76220	CONNECTOR	2	2	2	2				
22	1	26014-060162	BOLT, M6X 16	4	4	4	4				
23	1	26014-060162	BOLT, M6X 16	6	6	6	6				
24	1	41851-000110	O-RING	12	12	12	12				

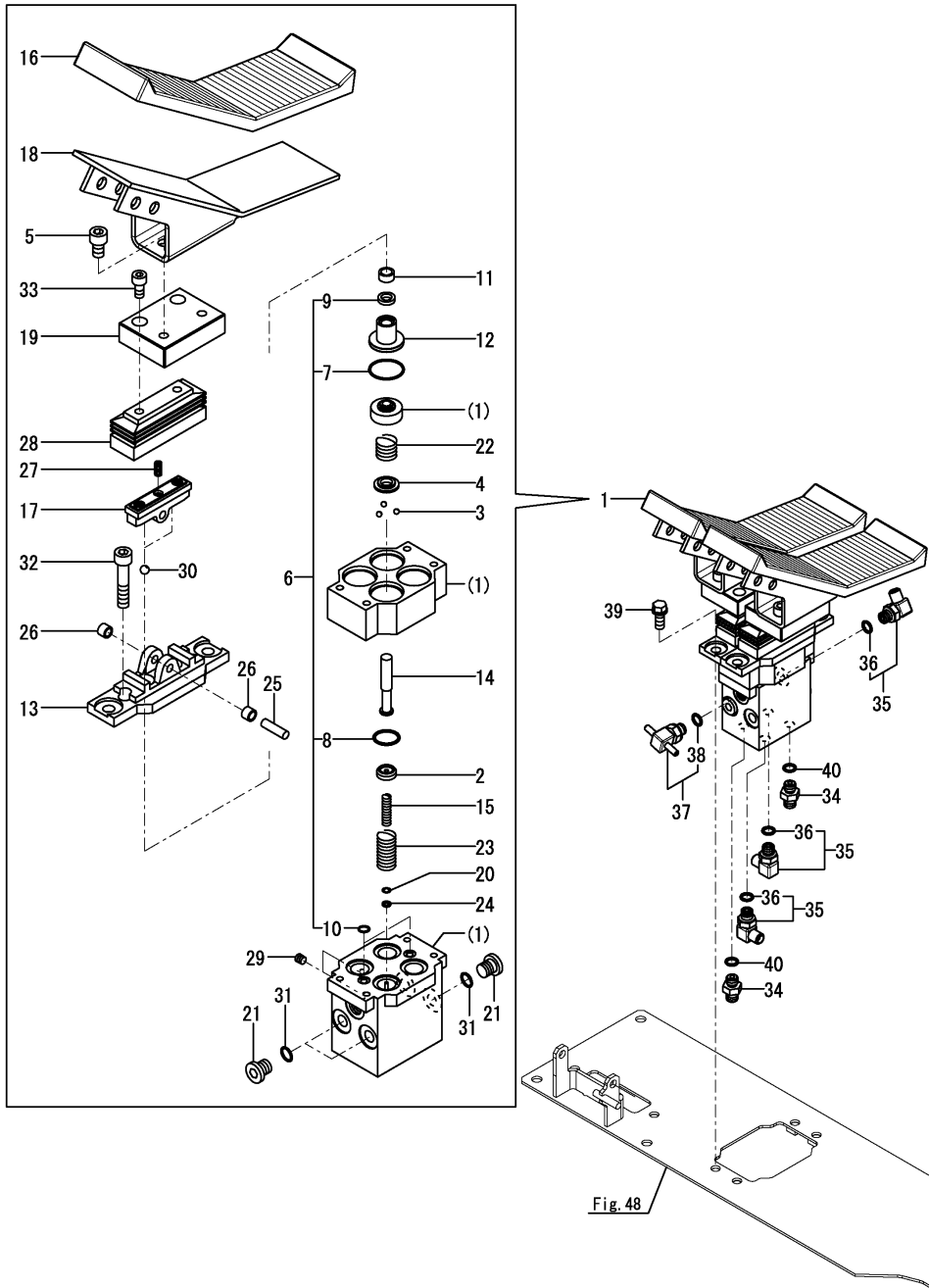
Remarks

* P.T.O. 2 is shown in Fig.168.

Fig.109. REMOTE CONTROL VALVE(TRAVEL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

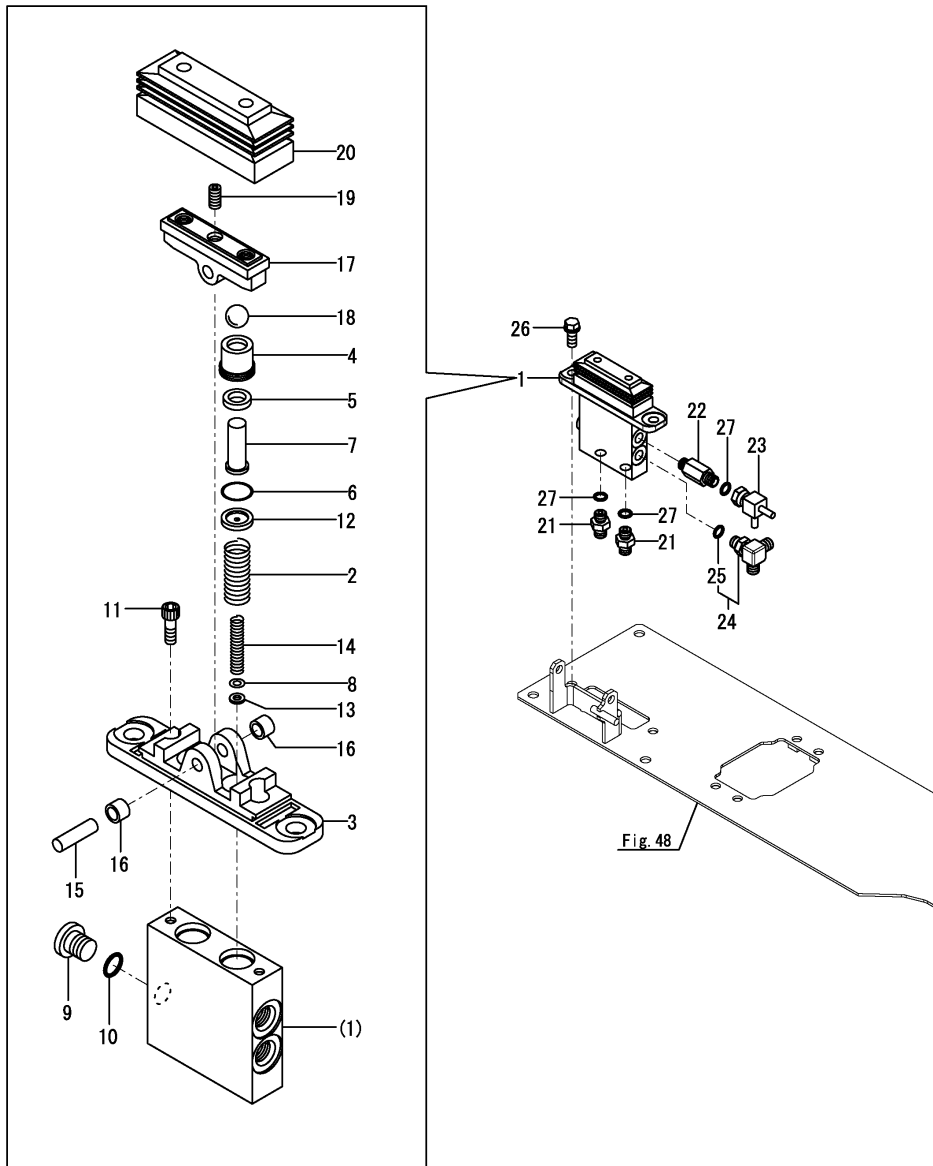


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-74700	VALVE ASSY, TRAVEL	1	1	1	1				
2	2	172A69-71300	SEAT, SPRING	4	4	4	4				
3	2	172A69-71310	BALL, STEEL	12	12	12	12				
4	2	172A69-71320	SEAT, SPRING	4	4	4	4				
5	2	172A69-71340	BOLT 10X16	4	4	4	4				
6	2	172A69-71350	SEAL SET	1	1	1	1				
7	3	172A69-71360	O-RING	4	4	4	4				
8	3	172A69-71370	O-RING	4	4	4	4				
9	3	172A47-74730	PACKING	4	4	4	4				
10	3	24315-000080	O-RING, 1BP8.0	2	2	2	2				
11	2	172A69-71380	CUP, GREASE	4	4	4	4				
12	2	172A69-71390	PLUG	4	4	4	4				
13	2	172A69-71400	COVER	2	2	2	2				
14	2	172A89-74710	ROD, PUSH	4	4	4	4				
15	2	172A89-74720	SPRING	4	4	4	4				
16	2	172A69-74730	COVER, PEDAL	2	2	2	2				
17	2	172A89-74730	CAM	2	2	2	2				
18	2	172A69-74740	PEDAL	2	2	2	2				
19	2	172A69-74750	BLOCK	2	2	2	2				
20	2	172A47-74760	SHIM	4	4	4	4				
21	2	172A47-74770	PLUG	3	3	3	3				
22	2	172A69-74770	SPRING	4	4	4	4				
23	2	172A69-74780	SPRING	4	4	4	4				
24	2	172A47-74810	WASHER	4	4	4	4				
25	2	172A47-74840	SHAFT, CAM	2	2	2	2				
26	2	172A47-74850	BUSH	4	4	4	4				
27	2	172A47-74880	SCREW, SETTING	2	2	2	2				
28	2	172A47-74890	BELLOWS	2	2	2	2				
29	2	172455-77150	PLUG	2	2	2	2				
30	2	24190-100001	BALL, STEEL 5/16	4	4	4	4				
31	2	24315-000110	O-RING, 1BP11.0	3	3	3	3				
32	2	26450-060502	BOLT M 6X 50	4	4	4	4				
33	2	26450-080162	BOLT, M8X 16	4	4	4	4				
34	1	172123-76121	ADAPTER	2	2	2	2				
35	1	172141-76181	CONNECTOR ASSY, 02FF	3	3	3	3				
36	2	41851-000110	O-RING	3	3	3	3				
37	1	172A47-76230	NIPPLE, TEE	1	1	1	1				
38	2	41851-000110	O-RING	1	1	1	1				
39	1	26013-100252	BOLT, M10X 25	4	4	4	4				
40	1	41851-000110	O-RING	2	2	2	2				

Fig.110. REMOTE CONTROL VALVE(SWING)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

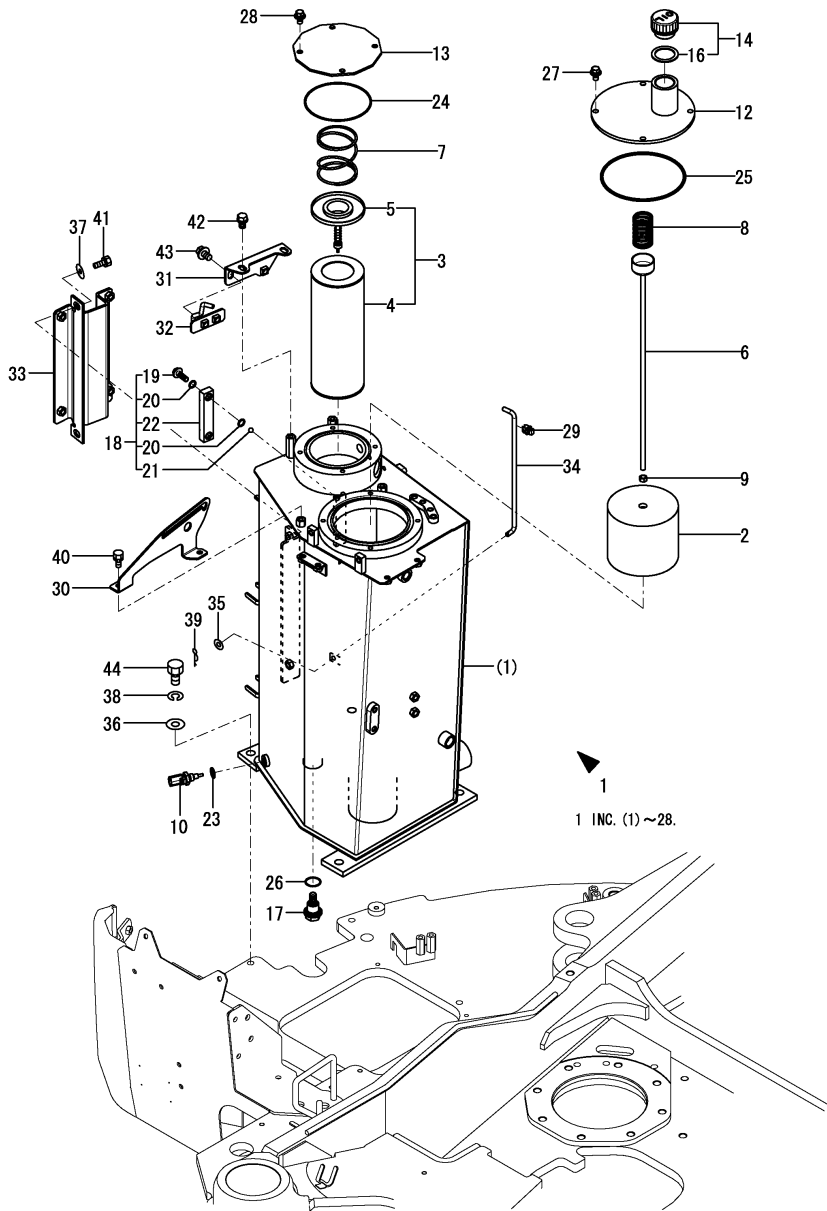


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74670	VALVE ASSY	1	1	1	1				
2	2	172A69-74680	SPRING	2	2	2	2				
3	2	172A47-74710	COVER	1	1	1	1				
4	2	172A47-74720	PLUG	2	2	2	2				
5	2	172A47-74730	PACKING	2	2	2	2				
6	2	172A47-74740	O-RING	2	2	2	2				
7	2	172A47-74750	ROD, PUSH	2	2	2	2				
8	2	172A47-74760	SHIM	2	2	2	2				
9	2	172A47-74770	PLUG	1	1	1	1				
10	2	172A47-74780	O-RING	1	1	1	1				
11	2	172A47-74790	BOLT	2	2	2	2				
12	2	172A47-74800	SEAT, SPRING	2	2	2	2				
13	2	172A47-74810	WASHER	2	2	2	2				
14	2	172A47-74820	SPRING	2	2	2	2				
15	2	172A47-74840	SHAFT, CAM	1	1	1	1				
16	2	172A47-74850	BUSH	2	2	2	2				
17	2	172A47-74860	CAM	1	1	1	1				
18	2	172A47-74870	BALL, STEEL	2	2	2	2				
19	2	172A47-74880	SCREW, SETTING	1	1	1	1				
20	2	172A47-74890	BELLOWS	1	1	1	1				
21	1	172123-76121	ADAPTER	2	2	2	2				
22	1	172183-76200	CONNECTOR	1	1	1	1				
23	1	172A47-76320	NIPPLE	1	1	1	1				
24	1	172491-76330	ELBOW, ADJUSTABLE	1	1	1	1				
25	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
26	1	26013-100252	BOLT, M10X 25	2	2	2	2				
27	1	41851-000110	O-RING	3	3	3	3				

Fig.111. HYD. OIL TANK

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



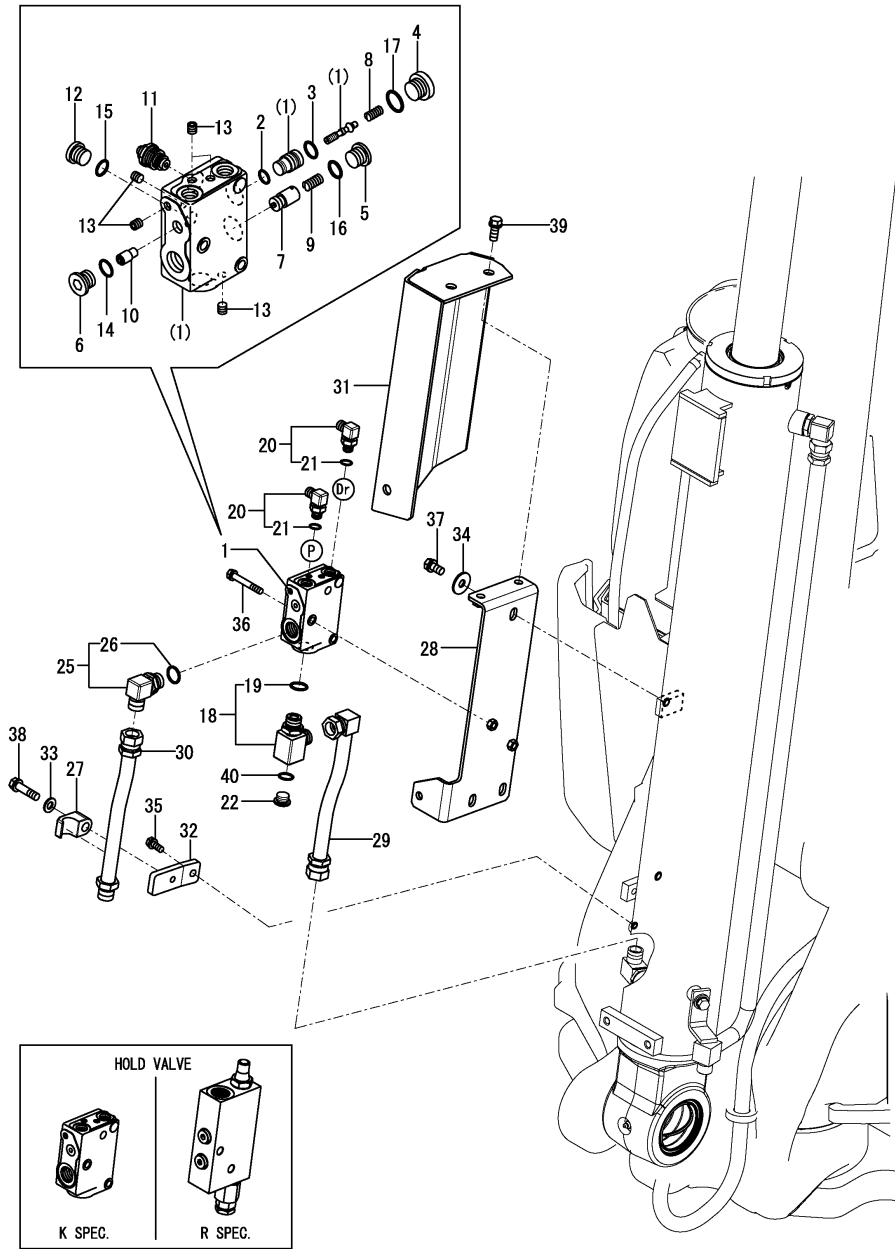
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772B11-75100	RESERVOIR SET	1	1	1	1				
2	2	172162-73700	STRAINER, SUCTION	1	1	1	1				
3	2	172B11-73700	FILTER ASSY, RETURN	1	1	1	1				
4	3	172B11-73710	ELEMENT,RETURN	1	1	1	1				
5	3	172112-74971	VALVE, BY-PASS	1	1	1	1				
6	2	172A69-75710	ROD ASSY, FILTER	1	1	1	1				
7	2	172112-75770	SPRING, FILTER	1	1	1	1				
8	2	172112-75780	SPRING, FILTER	1	1	1	1				
9	2	26716-100002	NUT, M10	1	1	1	1				
10	2	129927-44900	SENSOR	1	1	1	1				
12	2	172A69-75240	COVER ASSY	1	1	1	1				
13	2	172187-75340-2	COVER, TANK	1	1	1	1				1
14	2	172A69-75450	CAP, RESERVER	1	1	1	1				
16	3	172A69-75470	PACKING	1	1	1	1				
17	2	172187-75500	PLUG	1	1	1	1				
18	2	172A69-75600	GAUGE, OIL LEVEL	1	1	1	1				
19	3	172455-75290	BOLT	2	2	2	2				
20	3	172455-75300	O-RING	4	4	4	4				
21	3	172455-75310	FLOAT	1	1	1	1				
22	3	172A69-75610	GAUGE, OIL LEVEL	1	1	1	1				
23	2	22190-120002	WASHER, SEAL 12	1	1	1	1				
24	2	24321-001350	O-RING, 1AG135.0	1	1	1	1				
25	2	24321-001700	O-RING, 1AG170.0	1	1	1	1				
26	2	24341-000300	O-RING, 1AS30.0	1	1	1	1				
27	2	26014-100202	BOLT, M10X 20	4	4	4	4				
28	2	26014-100202	BOLT, M10X 20	4	4	4	4				
28A	1	172437-03322	LABEL, RESEVOIR	1	1	1	1				2
29	1	1A7400-61250	HOLDER, ROD 8	1	1	1	1				
30	1	172A89-62550	GUIDE, STOPPER	1	1	1	1				
31	1	172B11-62570	STAY ASSY	1	1	1	1				
32	1	172A89-62610	CATCH ASSY, LOCK	1	1	1	1				
33	1	172B11-65720	HINGE ASSY	1	1	1	1				
34	1	172B11-65780	HOOK,BONNET R	1	1	1	1				
35	1	22137-080000	WASHER, 8	1	1	1	1				
36	1	22137-160000	WASHER, 16	4	4	4	4				
37	1	22157-100000	WASHER, 10	2	2	2	2				
38	1	22217-160000	WASHER, SPRING 16	4	4	4	4				
39	1	22372-080000	PIN, SNAP 8	1	1	1	1				
40	1	26013-100162	BOLT, M10X 16	2	2	2	2				
41	1	26013-100252	BOLT, M10X 25	2	2	2	2				
42	1	26014-100162	BOLT, M10X 16	2	2	2	2				
43	1	26014-100202	BOLT, M10X 20	2	2	2	2				
44	1	26116-160352	BOLT, M16X 35 PLATED	4	4	4	4				

Remarks
 (1)Attach the No.28A label to this part.
 (2)Not illustrated.

Fig.112. HOLD VALVE(BOOM)(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74650	VALVE ASSY,HOLD	1	1	1					
2	2	172A25-74420	O-RING	1	1	1					
3	2	172A25-74430	O-RING	1	1	1					
4	2	172A25-74440	PLUG	1	1	1					
5	2	172A25-74450	PLUG	1	1	1					
6	2	172A25-74460	PLUG	1	1	1					
7	2	172A25-74470	POPPET	1	1	1					
8	2	172A25-74480	SPRING	1	1	1					
9	2	172A25-74490	SPRING	1	1	1					
10	2	172A25-74501	PISTON	1	1	1					
11	2	172A69-74660	VALVE,RELIEF 33	1	1	1					
12	2	172455-77140	PLUG	1	1	1					
13	2	172455-77150	PLUG	5	5	5					
14	2	24315-000100	O-RING, 1BP10.0	1	1	1					
15	2	24315-000110	O-RING, 1BP11.0	1	1	1					
16	2	24315-000140	O-RING, 1BP14.0	1	1	1					
17	2	24315-000160	O-RING, 1BP16.0	1	1	1					
18	1	172A25-76100	TEE, ADJUSTABLE	1	1	1					
19	2	24315-000180	O-RING, 1BP18.0	1	1	1					
20	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2					
21	2	41851-000110	O-RING	2	2	2					
22	1	172183-76180	PLUG	1	1	1					
25	1	172141-76900	CONNECTOR ASSY	1	1	1					
26	2	24315-000180	O-RING, 1BP18.0	1	1	1					
27	1	172142-76950-N	CLAMP	1	1	1					
28	1	172A69-77100-N	BRACKET ,BOOM H	1	1	1					
29	1	172A89-77150-N	TUBE ASSY, BOOM	1	1	1					
30	1	172A69-77180-N	TUBE ASSY, BOOM	1	1	1					
31	1	172A69-77200-N	COVER, BOOM	1	1	1					
32	1	172A69-77240	PLATE,CLAMP H	1	1	1					
33	1	22137-100000	WASHER, 10	1	1	1					
34	1	22157-100000	WASHER, 10	3	3	3					
35	1	26013-080202	BOLT, SPRING M8X 20	1	1	1					
36	1	26013-080552	BOLT, SPRING M8X 55	2	2	2					
37	1	26013-100202	BOLT, SPRING M10X 20	3	3	3					
38	1	26013-100402	BOLT, SPRING M10X 40	1	1	1					
39	1	26014-100252	BOLT, M10X 25	3	3	3					
40	1	41851-000140	O-RING	1	1	1					

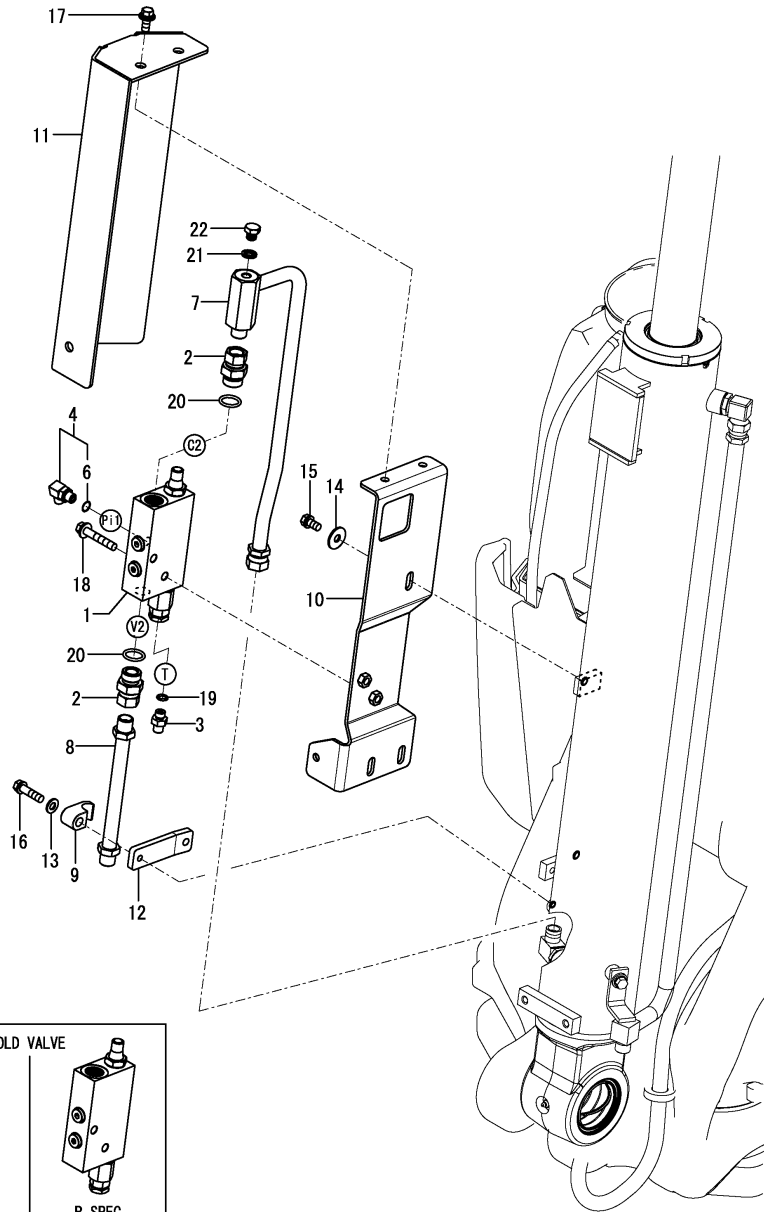
Remarks

* R specification are shown in Fig.179(112A).

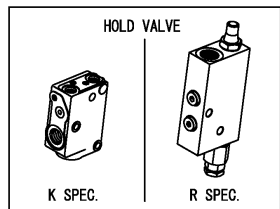
Fig.179. (112A)HOLD VALVE(BOOM)(R SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B12-74560	VALVE ASSY, SAFETY		1	1					
2	1	172B12-76020	FITTING, AB08G12W		2	2					
3	1	172123-76121	ADAPTER		1	1					
4	1	172141-76181	CONNECTOR ASSY, 02FF		1	1					
6	2	41851-000110	O-RING		1	1					
7	1	172B11-76400	TUBE ASSY, A		1	1					
8	1	172B12-76450	TUBE ASSY, B		1	1					
9	1	172142-76950-N	CLAMP		1	1					
10	1	172B12-77210	BRACKET ASSY,HDV BOO		1	1					
11	1	172B12-77240	COVER, HDV BOOM		1	1					
12	1	172B12-77260	PLATE, CLAMP		1	1					
13	1	22137-100000	WASHER, 10		1	1					
14	1	22157-100000	WASHER, 10		3	3					
15	1	26013-100202	BOLT, M10X 20		3	3					
16	1	26013-100402	BOLT, M10X 40		1	1					
17	1	26014-100252	BOLT, M10X 25		3	3					
18	1	26014-100602	BOLT, M10X 60		2	2					
19	1	41851-000110	O-RING		1	1					
20	1	41851-000240	O-RING		2	2					
21	1	172B12-76280	SEAL RING, BS 1/4		1	1					
22	1	172165-76590	PLUG		1	1					

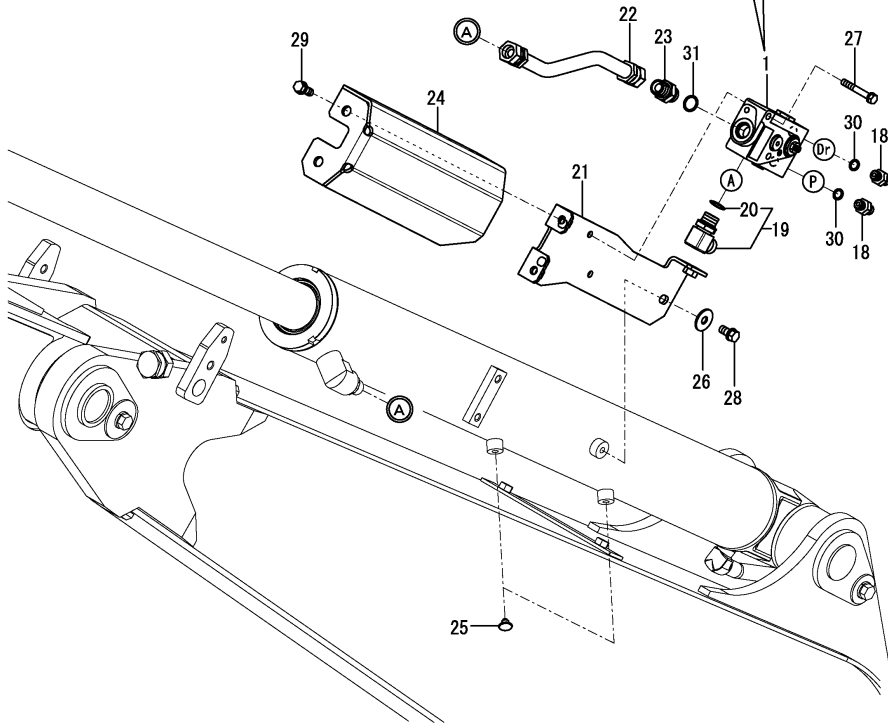
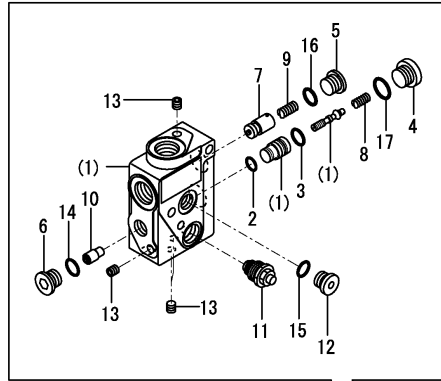
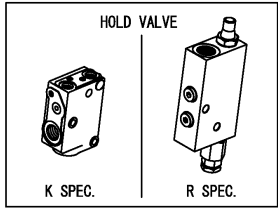


Remarks
 * K specification are shown in Fig.112.

Fig.113. HOLD VALVE(ARM)(K SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74650	VALVE ASSY,HOLD	1	1	1					
2	2	172A25-74420	O-RING	1	1	1					
3	2	172A25-74430	O-RING	1	1	1					
4	2	172A25-74440	PLUG	1	1	1					
5	2	172A25-74450	PLUG	1	1	1					
6	2	172A25-74460	PLUG	1	1	1					
7	2	172A25-74470	POPPET	1	1	1					
8	2	172A25-74480	SPRING	1	1	1					
9	2	172A25-74490	SPRING	1	1	1					
10	2	172A25-74501	PISTON	1	1	1					
11	2	172A69-74660	VALVE,RELIEF 33	1	1	1					
12	2	172455-77140	PLUG	1	1	1					
13	2	172455-77150	PLUG	5	5	5					
14	2	24315-000100	O-RING, 1BP10.0	1	1	1					
15	2	24315-000110	O-RING, 1BP11.0	1	1	1					
16	2	24315-000140	O-RING, 1BP14.0	1	1	1					
17	2	24315-000160	O-RING, 1BP16.0	1	1	1					
18	1	172123-76121	ADAPTER	2	2	2					
19	1	172141-76900	CONNECTOR ASSY	1	1	1					
20	2	24315-000180	O-RING, 1BP18.0	1	1	1					
21	1	172A69-77300-N	BRACKET ,ARM H	1	1	1					
22	1	172A69-77350-N	TUBE ASSY, ARM	1	1	1					
23	1	172112-77361	CONNECTOR	1	1	1					
24	1	172A69-77400-N	COVER, ARM	1	1	1					
25	1	172183-81160	CLIP, TREE	1	1	1					
26	1	22157-100000	WASHER, 10	3	3	3					
27	1	26013-080552	BOLT, SPRING M8X 55	2	2	2					
28	1	26013-100202	BOLT, SPRING M10X 20	3	3	3					
29	1	26014-100252	BOLT, M10X 25	3	3	3					
30	1	41851-000110	O-RING	2	2	2					
31	1	41851-000180	O-RING	1	1	1					

Remarks

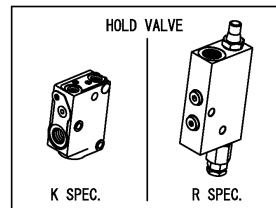
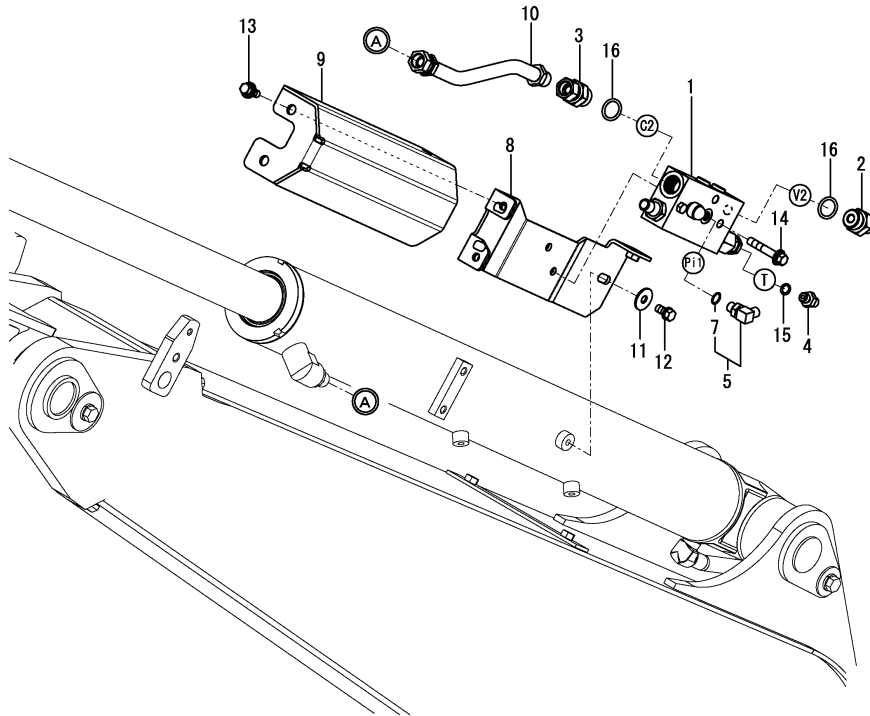
* R specification are shown in Fig.180(113A).

Fig.180. (113A)HOLD VALVE(ARM)(R SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

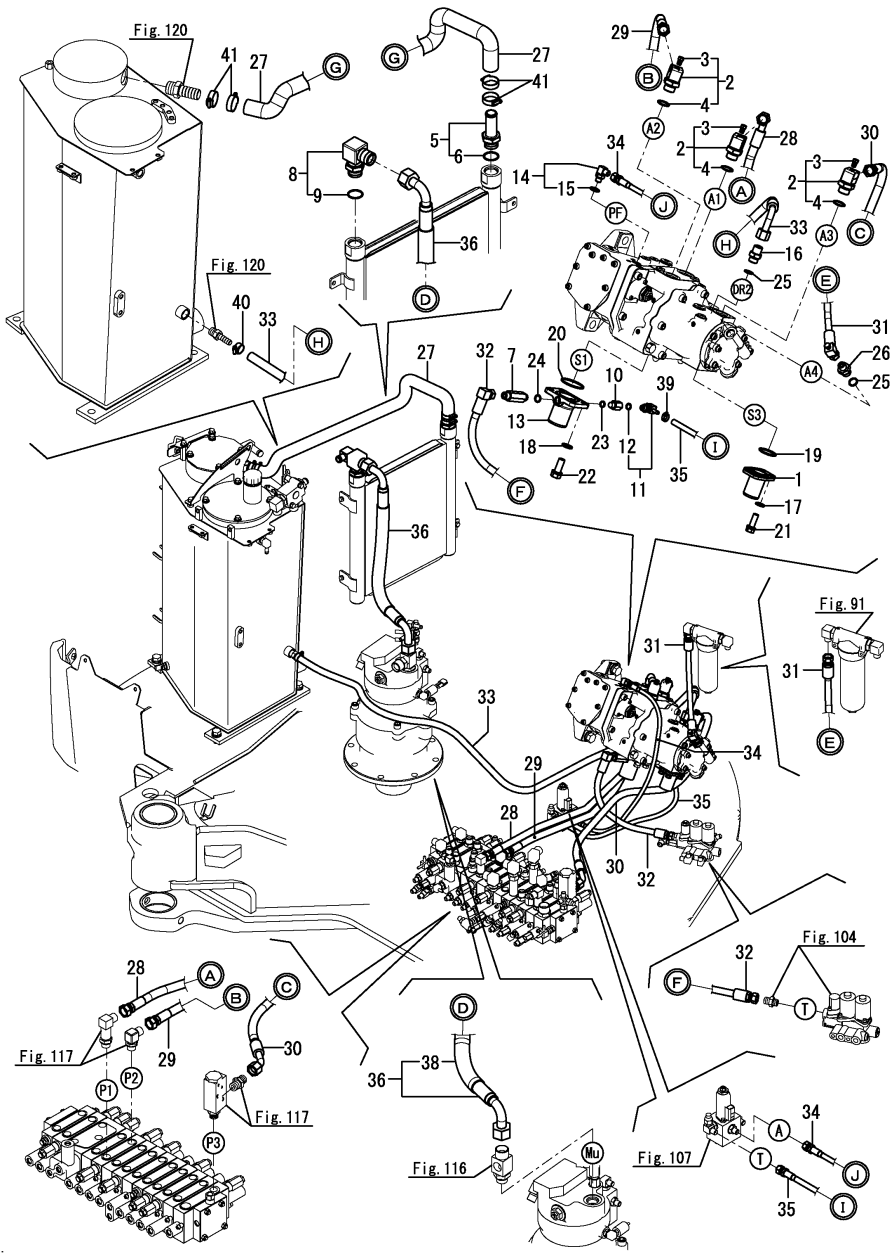
(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B12-74560	VALVE ASSY, SAFETY		1	1					
2	1	172B12-76010	JOINT,G1/2-3/4		1	1					
3	1	172B12-76020	FITTING, AB08G12W		1	1					
4	1	172123-76121	ADAPTER		1	1					
5	1	172141-76181	CONNECTOR ASSY, 02FF		1	1					
7	2	41851-000110	O-RING		1	1					
8	1	172B12-77300	BRACKET ASSY,HDV ARM		1	1					
9	1	172B12-77320	COVER, HDV ARM		1	1					
10	1	172B12-77350	TUBE ASSY, A		1	1					
11	1	22157-100000	WASHER, 10		3	3					
12	1	26013-100202	BOLT, M10X 20		3	3					
13	1	26014-100252	BOLT, M10X 25		3	3					
14	1	26014-100602	BOLT, M10X 60		2	2					
15	1	41851-000110	O-RING		1	1					
16	1	41851-000240	O-RING		2	2					



Remarks
 * K specification are shown in Fig.113.

Fig.114. HYD. OIL PIPING(PUMP - CONTROL VALVE - OIL COOLER)



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

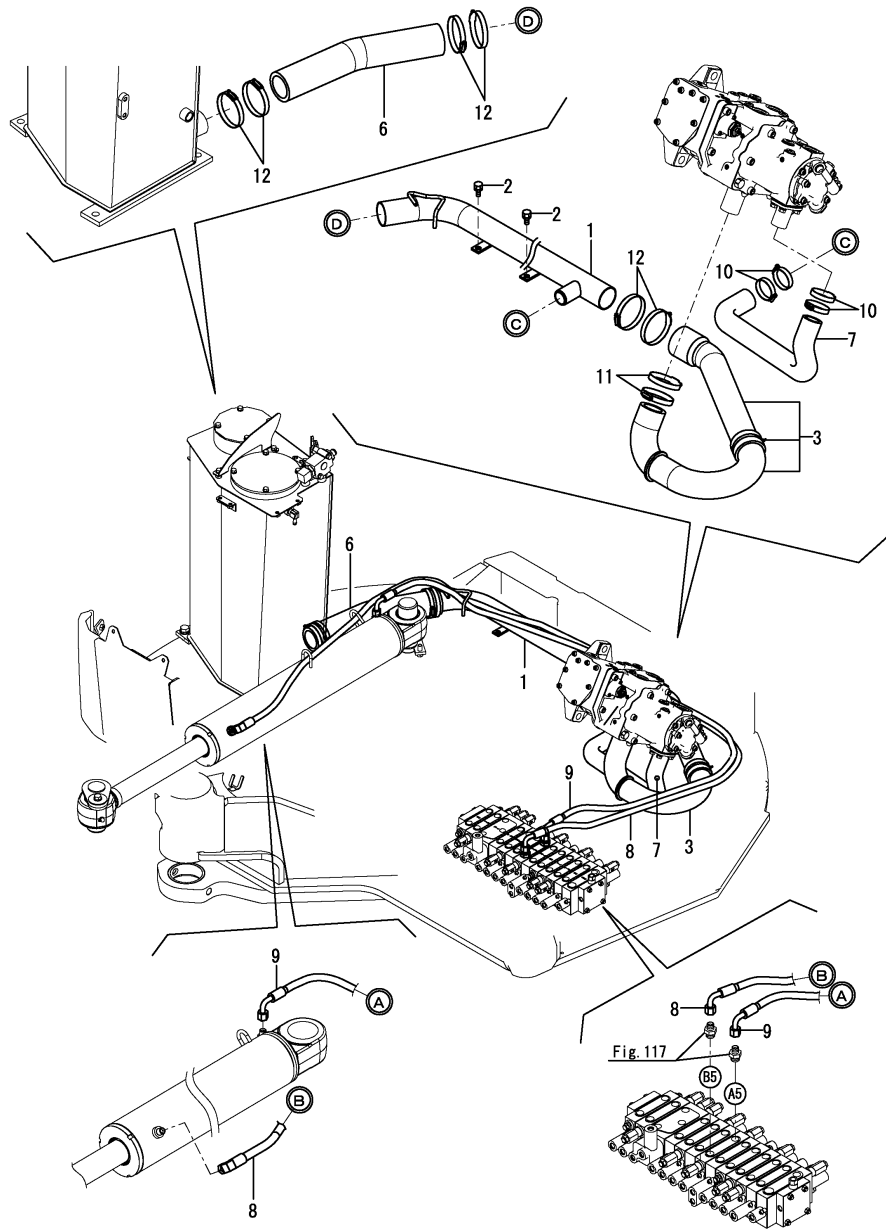
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76100	FLANGE	1	1	1	1				
2	1	172A89-76110	ELBOW	3	3	3	3				
3	2	172A89-76120	PLUG, SCREW PT1/8	3	3	3	3				
4	2	41851-000240	O-RING	3	3	3	3				
5	1	172A69-76120	NIPPLE	1	1	1	1				
6	2	172A65-76790	O-RING	1	1	1	1				
7	1	172162-76131	ADAPTER	1	1	1	1				
8	1	172A89-76130	ELBOW	1	1	1	1				
9	2	24315-000290	O-RING, 1BP29.0	1	1	1	1				
10	1	172422-76140	CONNECTOR	1	1	1	1				
11	1	172458-76150	NIPPLE, ELBOW	1	1	1	1				
12	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
13	1	172A69-76160	FLANGE ASSY	1	1	1	1				
14	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
15	2	41851-000110	O-RING	1	1	1	1				
16	1	172112-77361	CONNECTOR	1	1	1	1				
17	1	22117-100000	WASHER, 10	4	4	4	4				
18	1	22117-120000	WASHER, 12	4	4	4	4				
19	1	24325-000400	O-RING, 1BG40.0	1	1	1	1				
20	1	24325-000550	O-RING, 1BG55.0	1	1	1	1				
21	1	26013-100302	BOLT, M10X 30	4	4	4	4				
22	1	26013-120302	BOLT, M12X 30	4	4	4	4				
23	1	41851-000110	O-RING	1	1	1	1				
24	1	41851-000140	O-RING	1	1	1	1				
25	1	41851-000180	O-RING	2	2	2	2				
26	1	933160-01370	CONNECTOR,PF1/2PF3/8	1	1	1	1				
27	1	172B11-78130	HOSE,25.4	1	1	1	1				
28	1	172B11-78150	HOSE, H108BC106S	1	1	1	1				
29	1	172B11-78160	HOSE, H108BB110S	1	1	1	1				
30	1	172B11-78170	HOSE, H108BE112S	1	1	1	1				
31	1	172B11-78180	HOSE, H606BZ040S	1	1	1	1				
32	1	172B11-78200	HOSE, G806BV043S	1	1	1	1				
33	1	172A69-78210	HOSE	1	1	1	1				
34	1	172B11-78220	HOSE, H604BB072S	1	1	1	1				
35	1	172B11-78230	HOSE, G804BY062	1	1	1	1				
36	1	172A89-78240	HOSE G616CC060	1	1	1	1				
38	2	172499-78591	INSURATOR,HOSE	1	1	1	1				
39	1	23001-016000	CLAMP, HOSE 16	1	1	1	1				
40	1	23001-022000	CLAMP, HOSE 22	1	1	1	1				
41	1	23001-041000	CLAMP, HOSE 41	4	4	4	4				

Remarks
 * Fitting(control valve) is shown in Fig.117 & 118.

Fig.115. HYD. OIL PIPING(TANK - PUMP, SWING CYLINDER)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

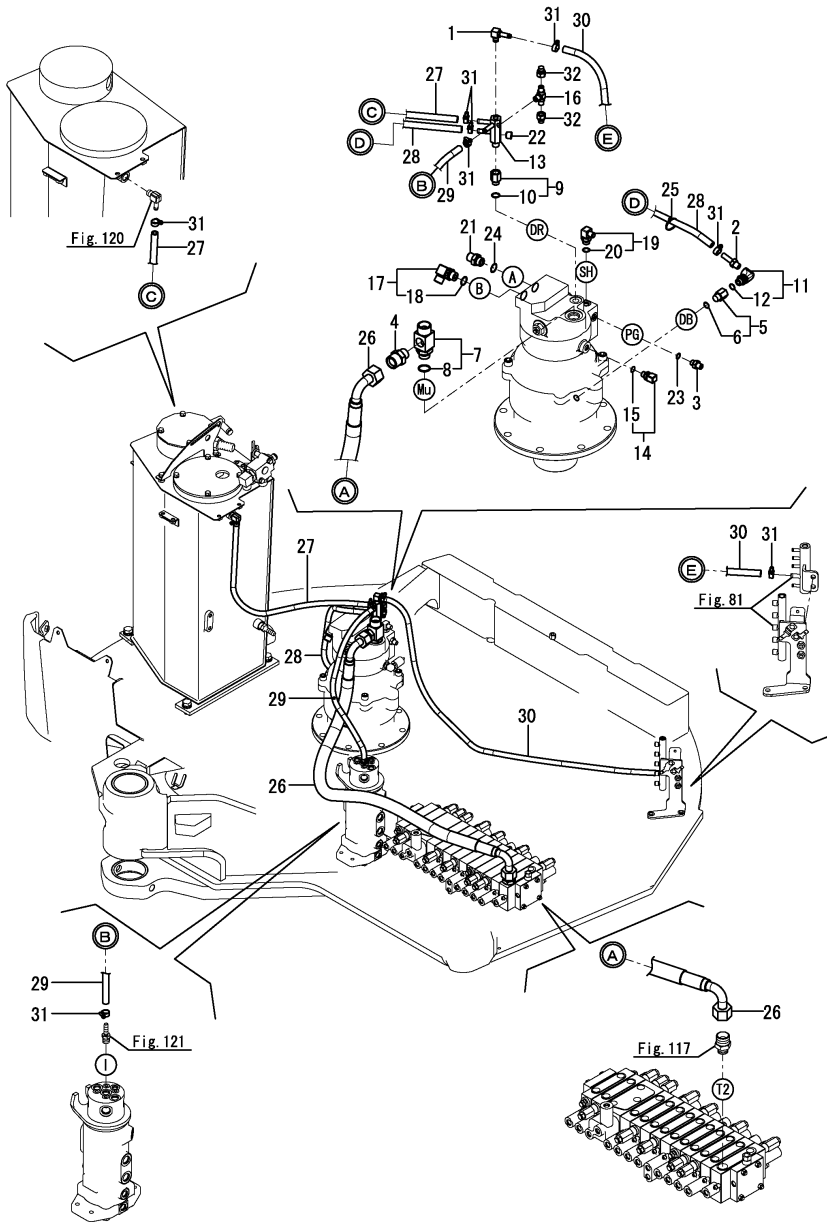


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-76470	TUBE ASSY, SUCTION	1	1	1	1				
2	1	26014-100252	BOLT, M10X 25	2	2	2	2				
3	1	172B11-78080	HOSE ASSY,59 A	1	1	1	1				
6	1	172A69-78110	HOSE	1	1	1	1				
7	1	172B11-78120	HOSE,39.5	1	1	1	1				
8	1	172B11-78380	HOSE, H106BV327S	1	1	1	1				
9	1	172B11-78390	HOSE, H106CC226S	1	1	1	1				
10	1	23001-054000	CLAMP, HOSE 54	4	4	4	4				
11	1	23001-070000	CLAMP, HOSE 70	2	2	2	2				
12	1	23001-090000	CLAMP, HOSE 90	6	6	6	6				

Remarks

* Fitting(control valve) is shown in Fig.117 & 118.

Fig.116. CONTROL VALVE - TURNING MOTOR



(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-11120	ELBOW	1	1	1	1				
2	1	172137-76110	NIPPLE	1	1	1	1				
3	1	172123-76121	ADAPTER	1	1	1	1				
4	1	172187-76131	CONNECTOR, PF3/4	1	1	1	1				
5	1	172A52-76130	ADAPTER	1	1	1	1				
6	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
7	1	172187-76141	CONNECTOR, PF1XPF3/4	1	1	1	1				
8	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
9	1	172A69-76140	ADAPTER	1	1	1	1				
10	2	41851-000140	O-RING	1	1	1	1				
11	1	172499-76300	ELBOW ASSY	1	1	1	1				
12	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
13	1	172499-76311	JOINT	1	1	1	1				
13-1	1	172B62-76310	BLOCK, DRAIN	1	1	1	1				R
		(A=M1F400)	(B=M1F400)	(C=M1F400)	(D=M1F400)						
14	1	172A89-76310	JOINT, G1/4-RC1/8	1	1	1	1				
15	2	41851-000110	O-RING	1	1	1	1				
16	1	172162-76320	CONNECTOR, 3X1/4	1	1	1	1				
17	1	172141-76900	CONNECTOR ASSY	1	1	1	1				
18	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
19	1	172141-76920	CONNECTOR ASSY	1	1	1	1				
20	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
21	1	172112-77361	CONNECTOR	1	1	1	1				
22	1	23871-020000	PLUG, R02	1	1	1	1				
23	1	41851-000110	O-RING	1	1	1	1				
24	1	41851-000180	O-RING	1	1	1	1				
25	1	172137-16560	BAND	1	1	1	1				
26	1	172A69-78230	HOSE	1	1	1	1				
27	1	172A69-78250	HOSE	1	1	1	1				
28	1	172A69-78261	HOSE G806YY060S	1	1	1	1				
29	1	172A69-78261	HOSE G806YY060S	1	1	1	1				
30	1	172A69-78270	HOSE	1	1	1	1				
31	1	23001-016000	CLAMP, HOSE 16	8	8	8	8				
32	1	1E3030-78370	CAP, SCREW	2							1

Remarks

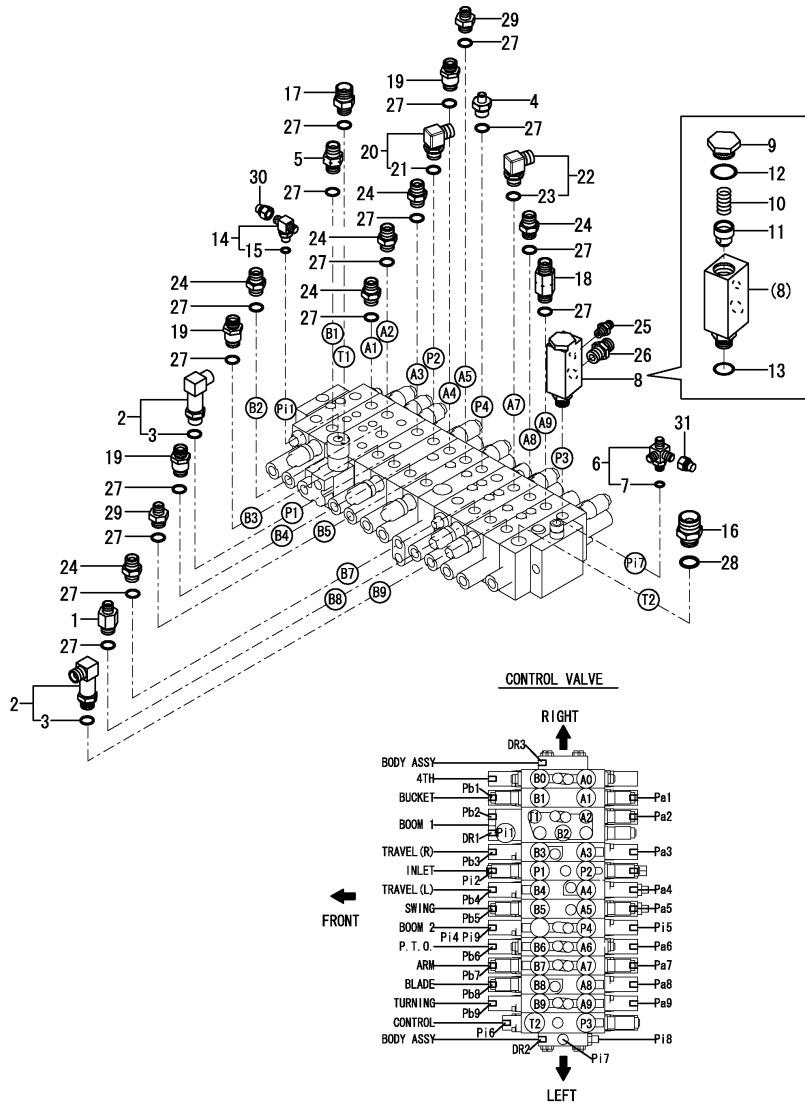
* Fitting(control valve) is shown in Fig.117 & 118.

(1)Not applied for hold valve specification.

Fig.117. CONTROL VALVE(FITTING)(1)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172423-76100	CONNECTOR,PF1/2PF3/8	1	1	1	1				
2	1	172524-76110	ELBOW	2	2	2	2				
3	2	24315-000180	O-RING, 1BP18.0	2	2	2	2				
4	1	172423-76120	CONNECTOR, PF1/2X1/4	1	1	1	1				
5	1	172423-76140	CONNECTOR, 1/2X1/2	1	1	1	1				
6	1	172491-76140	JOINT	1	1	1	1				
7	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
8	1	172A69-76150	ELBOW	1	1	1	1				
9	2	172A69-76050	PLUG	1	1	1	1				
10	2	172A69-76060	SPRING	1	1	1	1				
11	2	172A69-76070	VALVE, POPPET	1	1	1	1				
12	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
13	2	41851-000180	O-RING	1	1	1	1				
14	1	172187-76170	TEE, ADJUSTABLE	1	1	1	1				
15	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
16	1	172151-76200	JOINT	1	1	1	1				
17	1	172187-76200	ADAPTER, 1/2-3/4	1	1	1	1				
18	1	172176-76210	JOINT, PF1/2	1	1	1	1				
19	1	172147-76271	CONNECTOR, 1/2X1/2	3	3	3	3				
20	1	172141-76900	CONNECTOR ASSY	1	1	1	1				
21	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
22	1	172141-76900	CONNECTOR ASSY	1	1	1	1				
23	2	24315-000180	O-RING, 1BP18.0	1	1	1	1				
24	1	172112-77361	CONNECTOR	6	6	6	6				
25	1	23391-020000	JOINT, RGI-1/4	1	1	1	1				
26	1	23391-040000	JOINT, RGI-1/2	1	1	1	1				
27	1	41851-000180	O-RING	16	16	16	16				
28	1	41851-000240	O-RING	1	1	1	1				
29	1	933160-01370	CONNECTOR,PF1/2PF3/8	2	2	2	2				
30	1	1E3030-78370	CAP, SCREW	1							1
31	1	1E3030-78370	CAP, SCREW	1							2

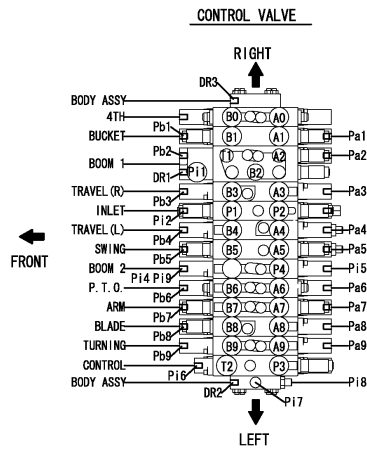
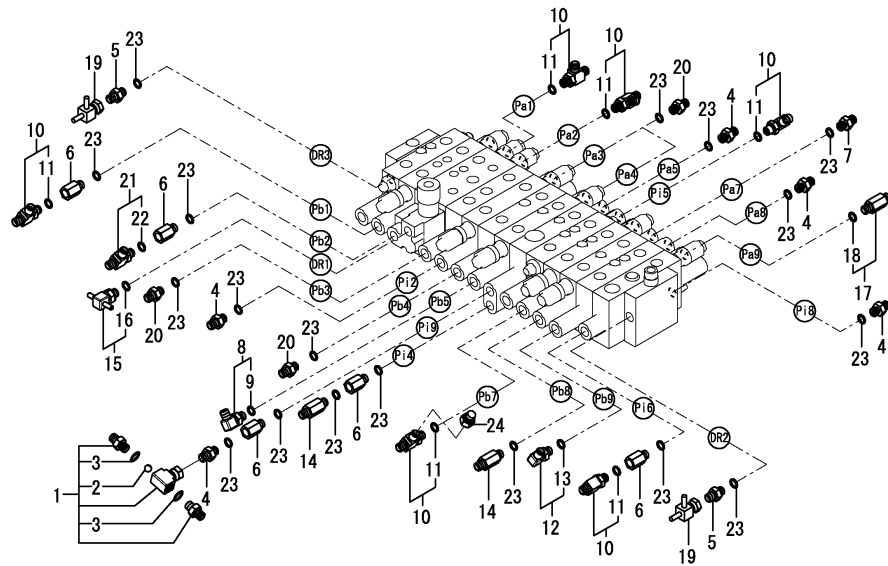
Remarks
 (1)Not applied for hold valve specification.
 (2)Not applied for quick coupler spec.

Fig.118. HYD. OIL PIPING(CONTROL VALVE : FITTING)(2)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A86-74500	VALVE, SHUTTLE	1	1	1	1				
2	2	24190-140001	BALL, STEEL 7/16	1	1	1	1				
3	2	41851-000110	O-RING	2	2	2	2				
4	1	172123-76121	ADAPTER	5	5	5	5				
5	1	172123-76121	ADAPTER	2	2	2	2				
6	1	172422-76140	CONNECTOR	5	5	5	5				
7	1	172A47-76171	CONNECTOR, G1/4X0.6	1	1	1	1				
8	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
9	2	41851-000110	O-RING	1	1	1	1				
10	1	172162-76181	JOINT ASSY	6	6	6	6				
11	2	41851-000110	O-RING	6	6	6	6				
12	1	172A47-76180	ELBOW	1	1	1	1				
13	2	41851-000110	O-RING	1	1	1	1				
14	1	172183-76200	CONNECTOR	2	2	2	2				
15	1	172A47-76230	NIPPLE, TEE	1	1	1	1				
16	2	41851-000110	O-RING	1	1	1	1				
17	1	172A47-76290	CONNECTOR	1	1	1	1				
18	2	41851-000110	O-RING	1	1	1	1				
19	1	172A47-76320	NIPPLE	2	2	2	2				
20	1	172164-76330	JOINT, PF1/4-0.7	4	4	4	4				
21	1	172164-76700	JOINT ASSY	1	1	1	1				
22	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
23	1	41851-000110	O-RING	21	21	21	21				
24	1	1E3030-78370	CAP, SCREW	1							1

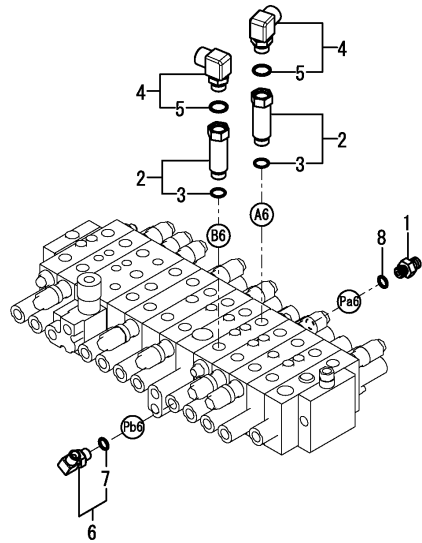


Remarks
 (1)Not applied for hold valve specification.

Fig.119. HYD. OIL PIPING(CONTROL VALVE : FITTING)(P.T.O.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1	1	1				
2	1	172A21-76120	ADAPTER	2	2	2	2				
3	2	41851-000180	O-RING	2	2	2	2				
4	1	172151-76161	ELBOW ASSY	2	2	2	2				
5	2	24315-000180	O-RING, 1BP18.0	2	2	2	2				
6	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
7	2	41851-000110	O-RING	1	1	1	1				
8	1	41851-000110	O-RING	1	1	1	1				

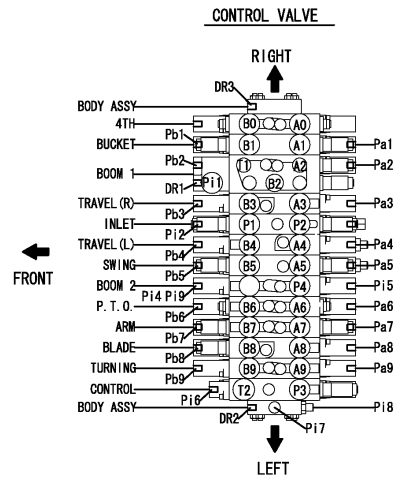
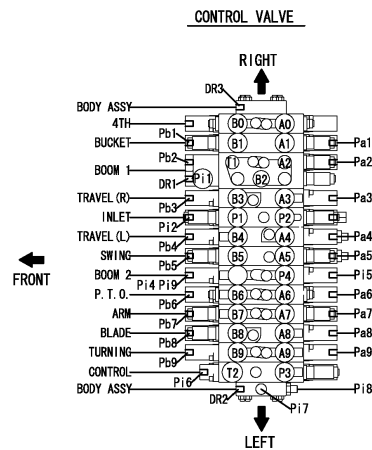
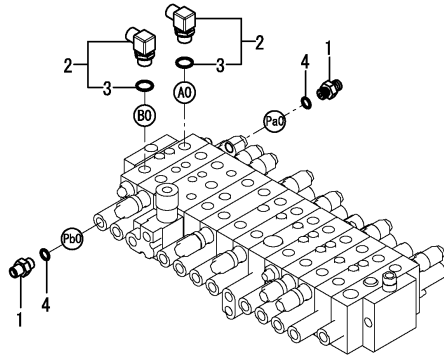


Fig.157. (119A)CONTROL VALVE(FITTING & P.T.O. 2)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2	2	2	2				
2	1	172141-76900	CONNECTOR ASSY	2	2	2	2				
3	2	24315-000180	O-RING, 1BP18.0	2	2	2	2				
4	1	41851-000110	O-RING	2	2	2	2				

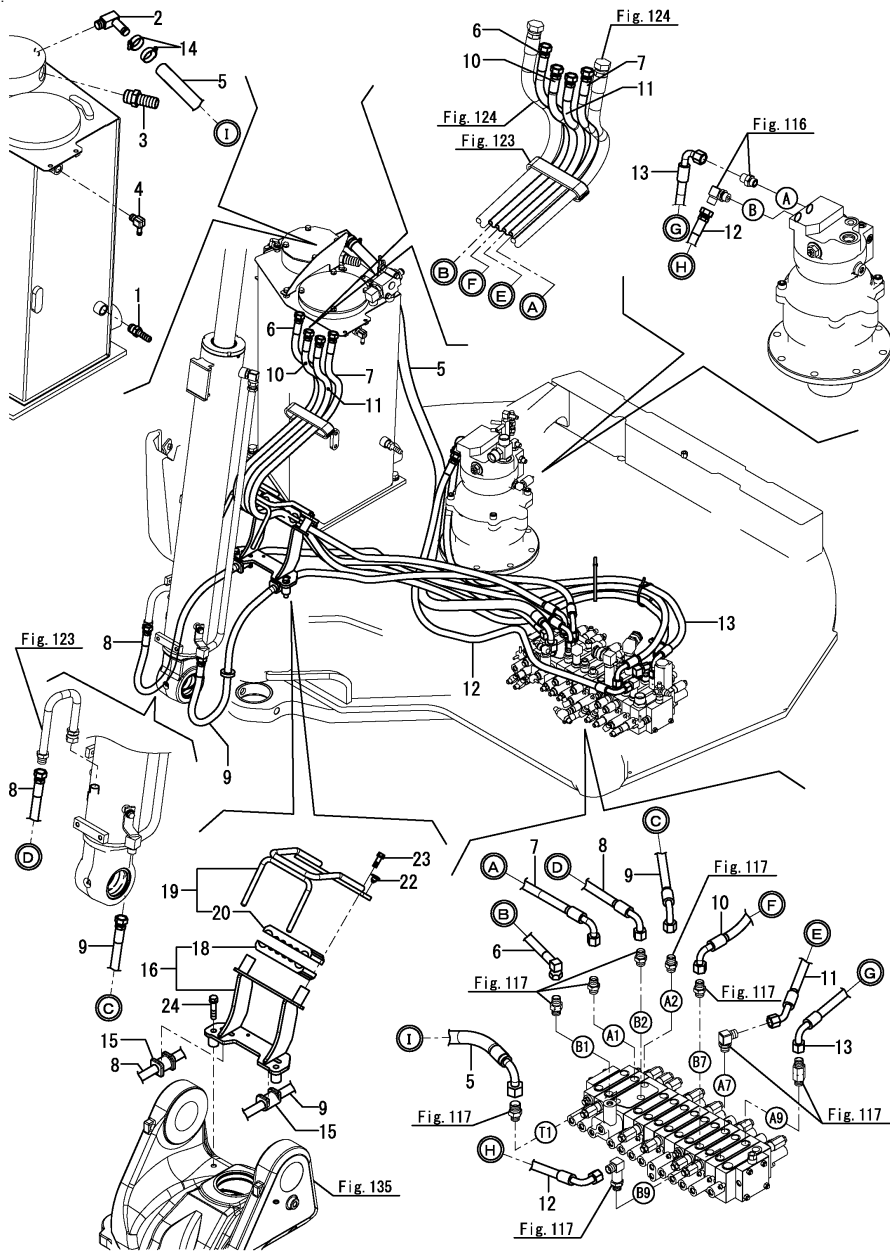


Remarks
 * P.T.O. 2 is shown in Fig.168.

Fig.120. HYD. OIL PIPING(CONTROL VALVE - BOOM, TURNING MOTOR, TANK)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-76170	CONNECTOR	1	1	1	1				
2	1	172A89-76170	ELBOW, 90 1/2	1	1	1	1				
3	1	172187-76180	NIPPLE, HOSE	1	1	1	1				
4	1	172168-76370	ELBOW	1	1	1	1				
5	1	172A69-78220	HOSE	1	1	1	1				
6	1	172A89-78300	HOSE H108BV238K	1	1	1	1				
7	1	172A89-78310	HOSE H108BC234K	1	1	1	1				
8	1	172A69-78320	HOSE	1	1	1	1				
9	1	172A69-78330	HOSE	1	1	1	1				
10	1	172A89-78430	HOSE G108BC291K	1	1	1	1				
11	1	172A89-78440	HOSE H108BE272K	1	1	1	1				
12	1	172A69-78470	HOSE	1	1	1	1				
13	1	172A69-78480	HOSE	1	1	1	1				
14	1	23001-035000	CLAMP, HOSE 35	2	2	2	2				
15	1	172187-78100	RUBBER	2	2	2	2				
16	1	172A89-79100-Y	CLAMP ASSY, HOSE	1	1	1	1				
18	2	172A89-79140	SUPPORT, RUBBER	1	1	1	1				
19	1	172A89-79150-Y	PLATE ASSY,CLAMP	1	1	1	1				
20	2	172A89-79140	SUPPORT, RUBBER	1	1	1	1				
22	1	172183-81160	CLIP, TREE	4	4	4	4				
23	1	26013-100302	BOLT, M10X 30	2	2	2	2				
24	1	26013-120602	BOLT, M12X 60	2	2	2	2				

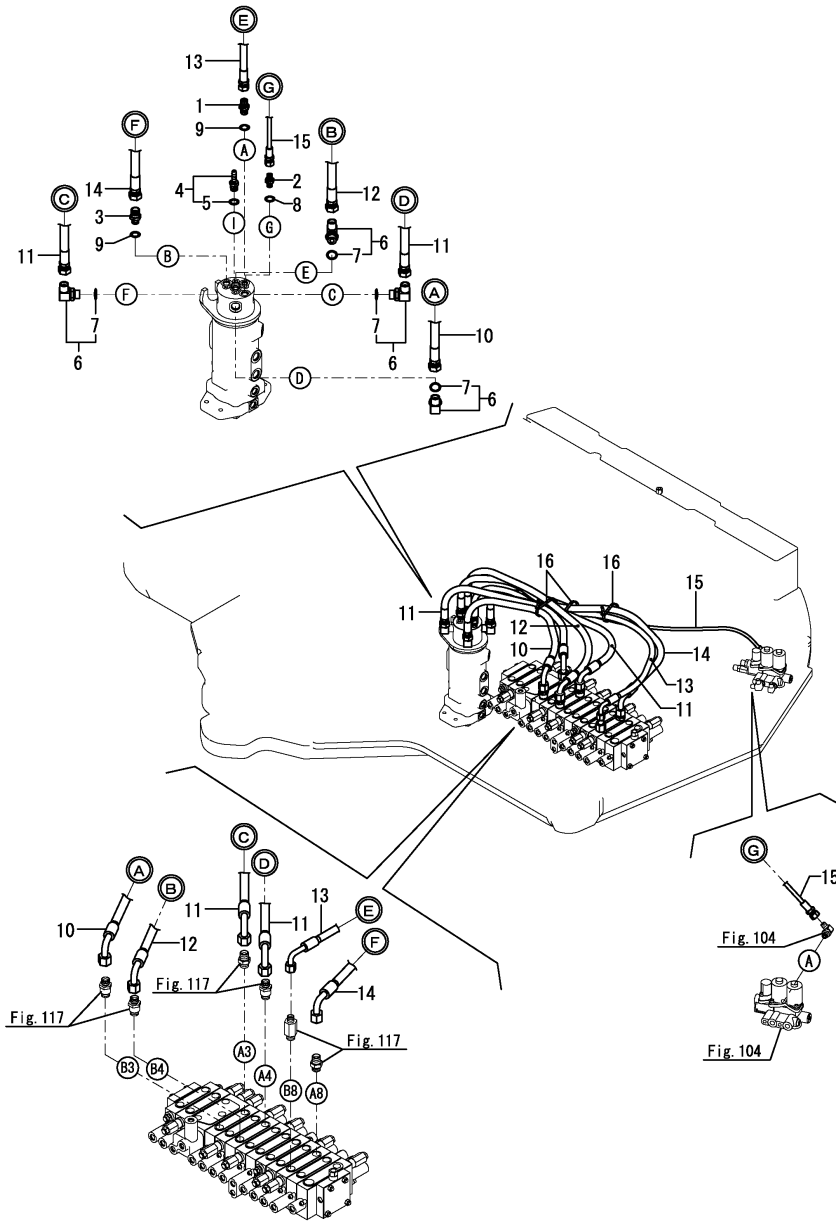
Remarks

* Fitting(control valve) is shown in Fig.117 & 118.

Fig.121. HYD. OIL PIPING(CONTROL VALVE - SWIVEL JOINT)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	1	1	1	1				
2	1	172123-76121	ADAPTER	1	1	1	1				
3	1	172168-76162	CONNECTOR, PF1/2X3/8	1	1	1	1				
4	1	172A65-76700	CONNECTOR, G3/8	1	1	1	1				
5	2	41851-000140	O-RING	1	1	1	1				
6	1	172141-76900	CONNECTOR ASSY	4	4	4	4				
7	2	24315-000180	O-RING, 1BP18.0	4	4	4	4				
8	1	41851-000110	O-RING	1	1	1	1				
9	1	41851-000140	O-RING	2	2	2	2				
10	1	172A69-78340	HOSE	1	1	1	1				
11	1	172A69-78350	HOSE	2	2	2	2				
12	1	172A69-78360	HOSE	1	1	1	1				
13	1	172A69-78450	HOSE	1	1	1	1				
14	1	172A69-78460	HOSE	1	1	1	1				
15	1	172A69-78900	HOSE	1	1	1	1				
16	1	172122-79890	CLAMP, HOSE	3	3	3	3				

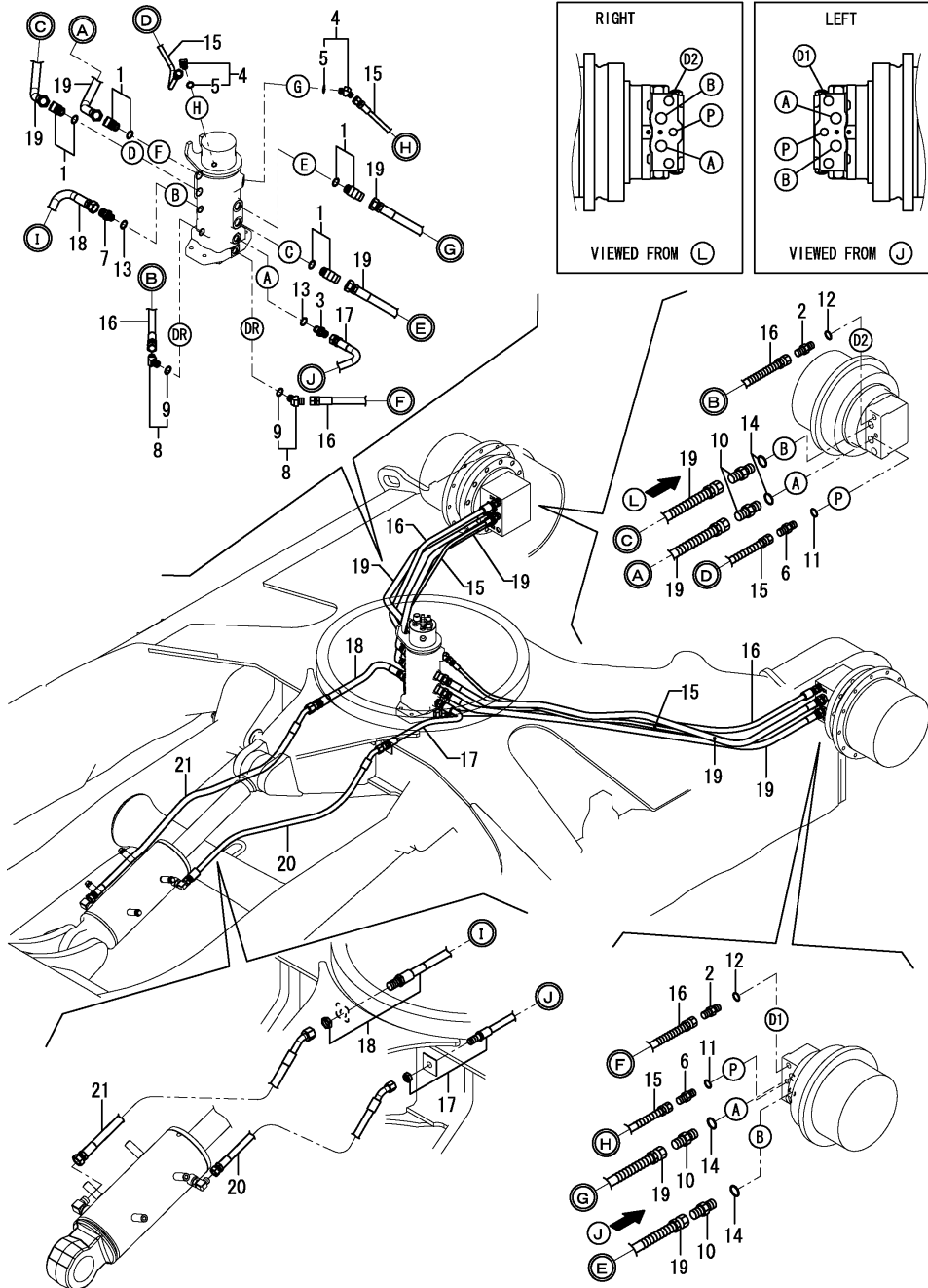
Remarks

* Fitting(control valve) is shown in Fig.117 & 118.

Fig.122. HYD. OIL PIPING(TRAVEL FRAME)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

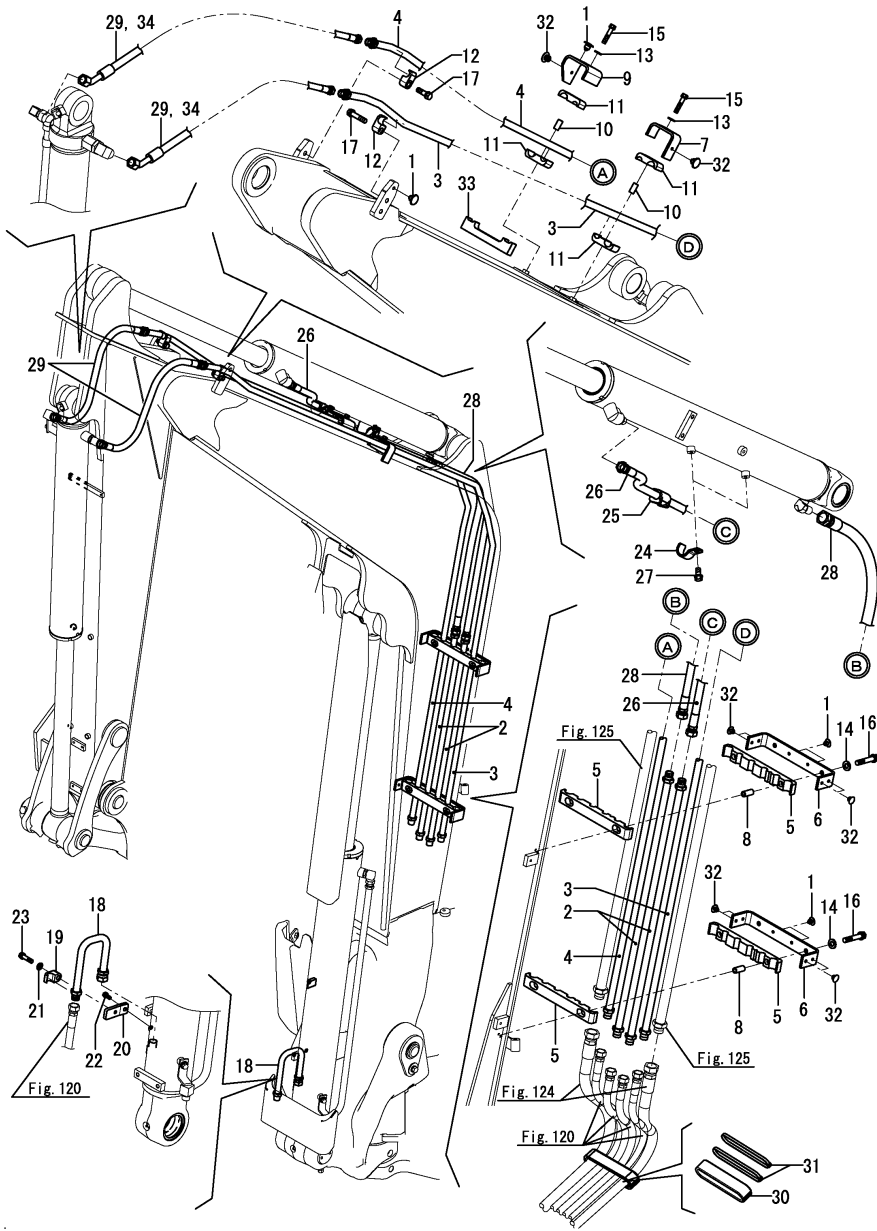


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4180-22850	ELBOW, 45 PF1/2	4	4	4	4				
2	1	172730-75141	ADAPTER	2	2	2	2				
3	1	172730-75141	ADAPTER	1	1	1	1				
4	1	172173-76102	CONNECTOR ASSY	2	2	2	2				
5	2	41851-000110	O-RING	2	2	2	2				
6	1	172123-76121	ADAPTER	2	2	2	2				
7	1	172168-76162	CONNECTOR, PF1/2X3/8	1	1	1	1				
8	1	172644-76161	ELBOW, ADJUST	2	2	2	2				
9	2	24315-000140	O-RING, 1BP14.0	2	2	2	2				
10	1	172112-77361	CONNECTOR	4	4	4	4				
11	1	41851-000110	O-RING	2	2	2	2				
12	1	41851-000140	O-RING	2	2	2	2				
13	1	41851-000140	O-RING	2	2	2	2				
14	1	41851-000180	O-RING	4	4	4	4				
15	1	172187-78201	HOSE	2	2	2	2				
16	1	172187-78211	HOSE	2	2	2	2				
17	1	172A69-78510	HOSE	1	1	1	1				
18	1	172A69-78520	HOSE	1	1	1	1				
19	1	172499-78530	HOSE	4	4	4	4				
20	1	172A69-78530	HOSE	1	1	1	1				
21	1	172A69-78540	HOSE	1	1	1	1				

Fig.123. BOOM

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	6	6	6	6				
1-1	1	172B11-76900	CLIP, TREE 8	6	6	6	6				N
		(A=*2015.07.)	(B=*2015.07.)	(C=*2015.07.)	(D=*2015.07.)						
2	1	172A69-76200-Y	TUBE ASSY, ARM	2	2	2	2				
3	1	172A89-76250-Y	TUBE ASSY, BUCKET	1	1	1					
3-1	1	172B11-76250	TUBE ASSY, BUCKET L	1	1	1	1				N
		(A=*2013.12.)	(B=*2013.12.)	(C=*2013.12.)							
4	1	172A69-76270-Y	TUBE ASSY, BUCKET	1	1	1	1				
5	1	172A89-76400	CLAMP, RUBBER	4	4	4	4				
6	1	172B11-76420	CLAMP, TUBE A	2	2	2	2				
7	1	172B11-76440	CLAMP, TUBE B	1	1	1	1				
8	1	172A69-76450	COLLAR, CLAMP	4	4	4	4				
9	1	172B11-76460	CLAMP, TUBE Q PTO2	1	1	1	1				
10	1	172187-76520	COLLAR, CLAMP	2	2	2	2				
11	1	172187-76940	RUBBER	4	4	4	4				
12	1	172142-76950-Y	CLAMP, 1/2	2	2	2	2				
13	1	22137-100000	WASHER, 10	2	2	2	2				
14	1	22137-100000	WASHER, 10	4	4	4	4				
15	1	26013-100502	BOLT, SPRING M10X 50	2	2	2	2				
16	1	26013-100552	BOLT, SPRING M10X 55	4	4	4	4				
17	1	26013-120402	BOLT, SPRING M12X 40	2	2	2	2				
17-1	1	26014-120452	BOLT, M12X 45	2	2	2	2				N
		(A=*2016.05.)	(B=*2016.05.)	(C=*2016.05.)	(D=*2016.05.)						
18	1	172A89-72270-N	TUBE, BOOM	1							1
19	1	172142-76950-N	CLAMP	1							1
20	1	172A69-77240	PLATE, CLAMP H	1							1
21	1	22137-100000	WASHER, 10	1							1
22	1	26013-080202	BOLT, SPRING M8X 20	1							1
23	1	26013-100402	BOLT, SPRING M10X 40	1							1
24	1	172A69-72680	CLAMP ASSY, HOSE	2							1
25	1	172187-78100	RUBBER	2							1
26	1	172A69-78280	HOSE	1							1
27	1	26013-100162	BOLT, SPRING M10X 16	2							1
28	1	172A89-78550	HOSE H108BB095K	1	1	1	1				
29	1	172A89-78570	HOSE H108BB070W	2	2	2	2				
30	1	172A69-78680	COVER, HOSE	1	1	1	1				
31	1	172A69-79890	CLIP, HOSE	2	2	2	2				
32	1	172444-17660	CLIP, TREE	10	10	10	10				
33	1	172B11-76830	RUBBER, TUBE CLAMP	1	1	1	1				W
		(A=M10687)	(B=M10687)	(C=M10687)							
34	1	172499-78210	HOSE		2	2					2

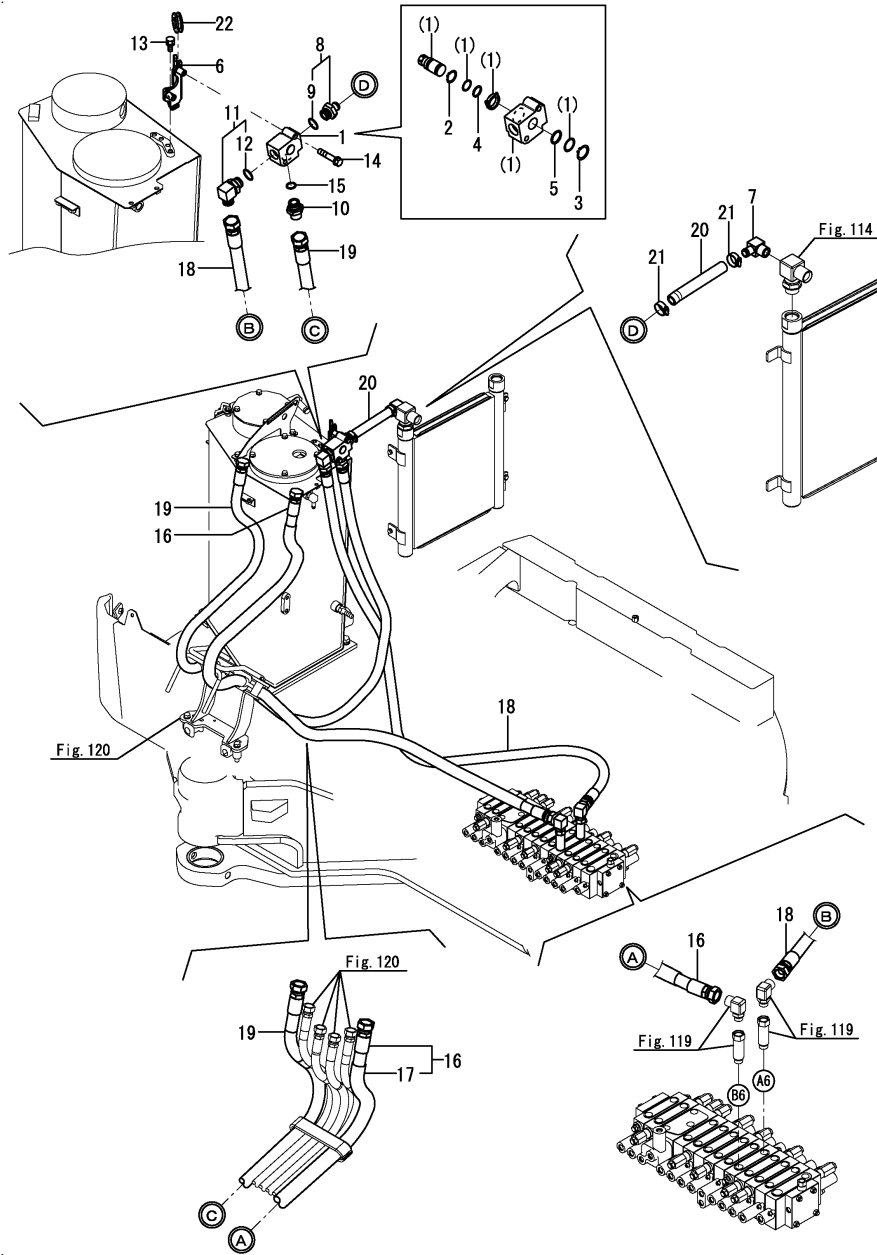
Remarks

- (1)Not applied for hold valve specification.
- (2)Long arm specification.

Fig.124. HYD. OIL PIPING(P.T.O. : FRAME END)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74050	VALVE ASSY,SELECOR	1	1	1	1				
2	2	22242-000210	RING, 21	1	1	1	1				
3	2	22242-000250	RING, 25	1	1	1	1				
4	2	24315-000210	O-RING, 1BP21.0	1	1	1	1				
5	2	24315-000250	O-RING, 1BP25.0	1	1	1	1				
6	1	172A69-74070	STAY, VALVE	1	1	1	1				
7	1	172467-76120	ELBOW	1	1	1	1				
8	1	172524-76210	NIPPLE, HOSE 3/4	1	1	1	1				
9	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
10	1	172142-76240	JOINT	1	1	1	1				
11	1	172165-76380	CONNECTOR ASSY	1	1	1	1				
12	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
13	1	26013-100162	BOLT, M10X 16	2	2	2	2				
14	1	26013-100502	BOLT, M10X 50	2	2	2	2				
15	1	41851-000240	O-RING	1	1	1	1				
16	1	172A89-78400	HOSE G112BB259K	1	1	1	1				
17	2	172175-78720	SPONGE, HOSE 330	1	1	1	1				
18	1	172A89-78410	HOSE G112BB205K	1	1	1	1				
19	1	172A89-78420	HOSE G112BB304K	1	1	1	1				
20	1	172B11-78490	HOSE, G812YY020	1	1	1	1				
21	1	23001-025000	CLAMP, HOSE 25	2	2	2	2				
22	1	172422-78760	GROMMET	1	1	1	1				W
				(A=M10502)	(B=M10504)	(C=M10503)					

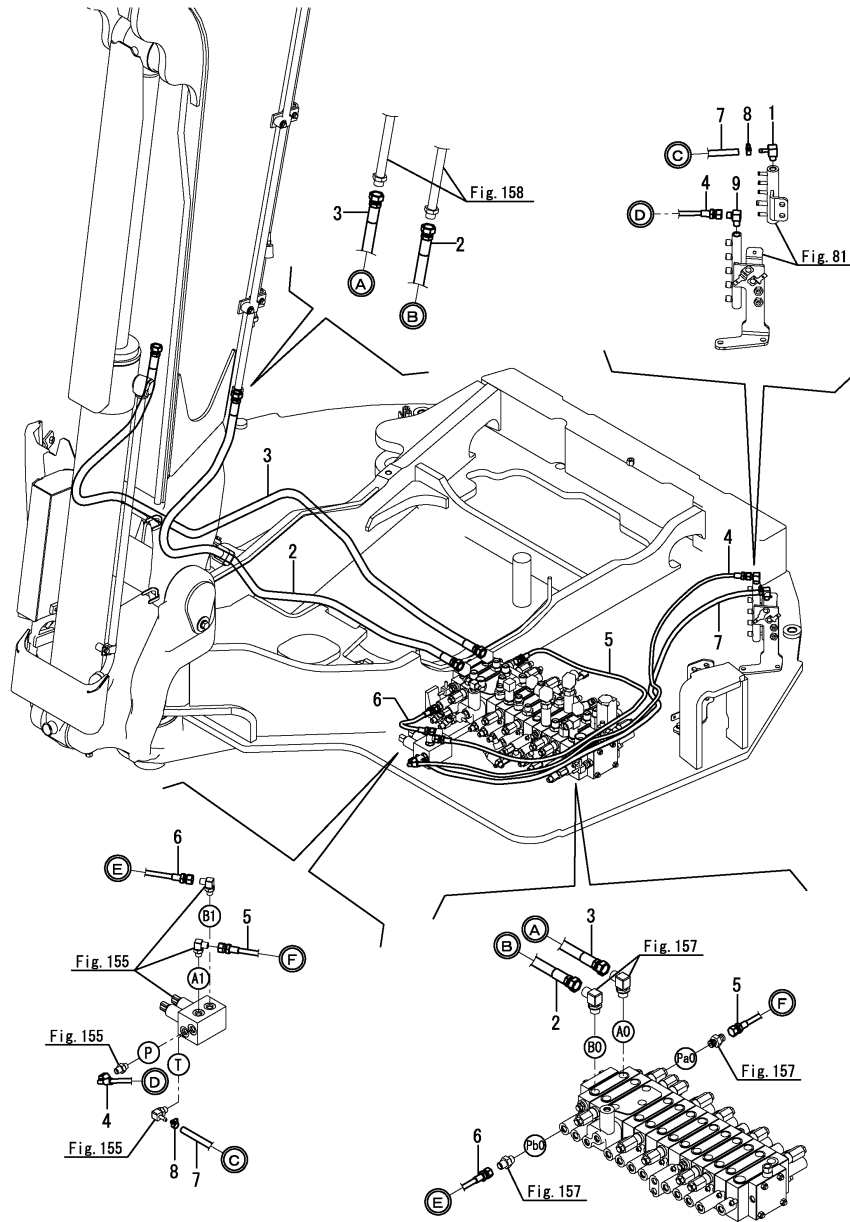
Remarks

* Fitting(control valve) is shown in Fig.119.

Fig.159. (124A)P.T.O. 2(FRAME END)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-76390	NIPPLE, ELBOW	1	1	1	1				
2	1	172B11-79940	HOSE, H108BB238K	1	1	1	1				
3	1	172B11-79950	HOSE, H108BB238K	1	1	1	1				
4	1	172B11-79960	HOSE, F403BC150	1	1	1	1				
5	1	172B11-79970	HOSE, F403BB140	1	1	1	1				
6	1	172B11-79980	HOSE, H603BB027	1	1	1	1				
7	1	172B11-79990	HOSE, G604YY147	1	1	1	1				
8	1	23000-013000	CLAMP, 13	2	2	2	2				
9	1	23393-020000	JOINT, 90RG1-1/4	1	1	1	1				

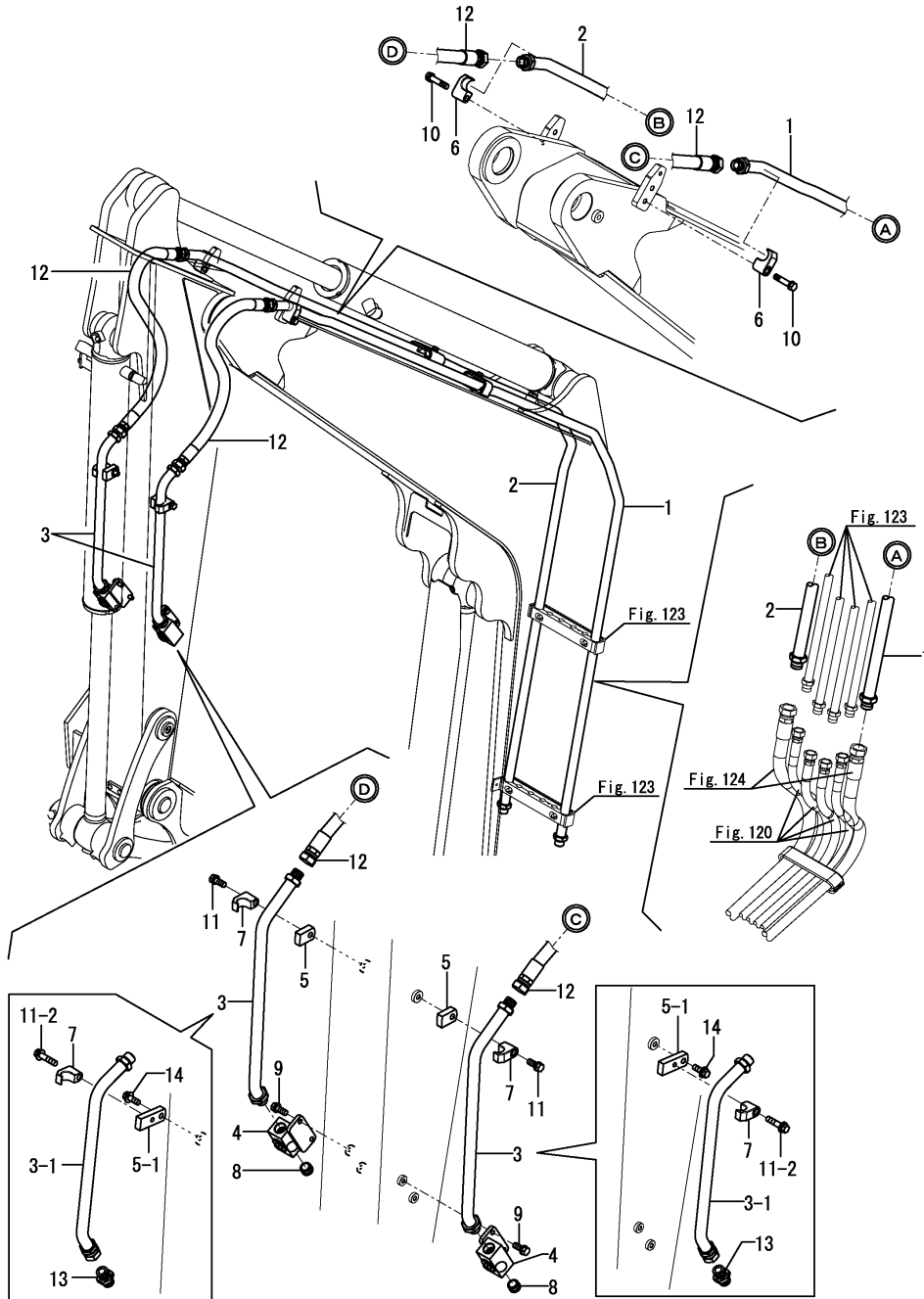
Remarks

* P.T.O. 2 is shown in Fig.168.

Fig.125. P.T.O.(ARM END)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

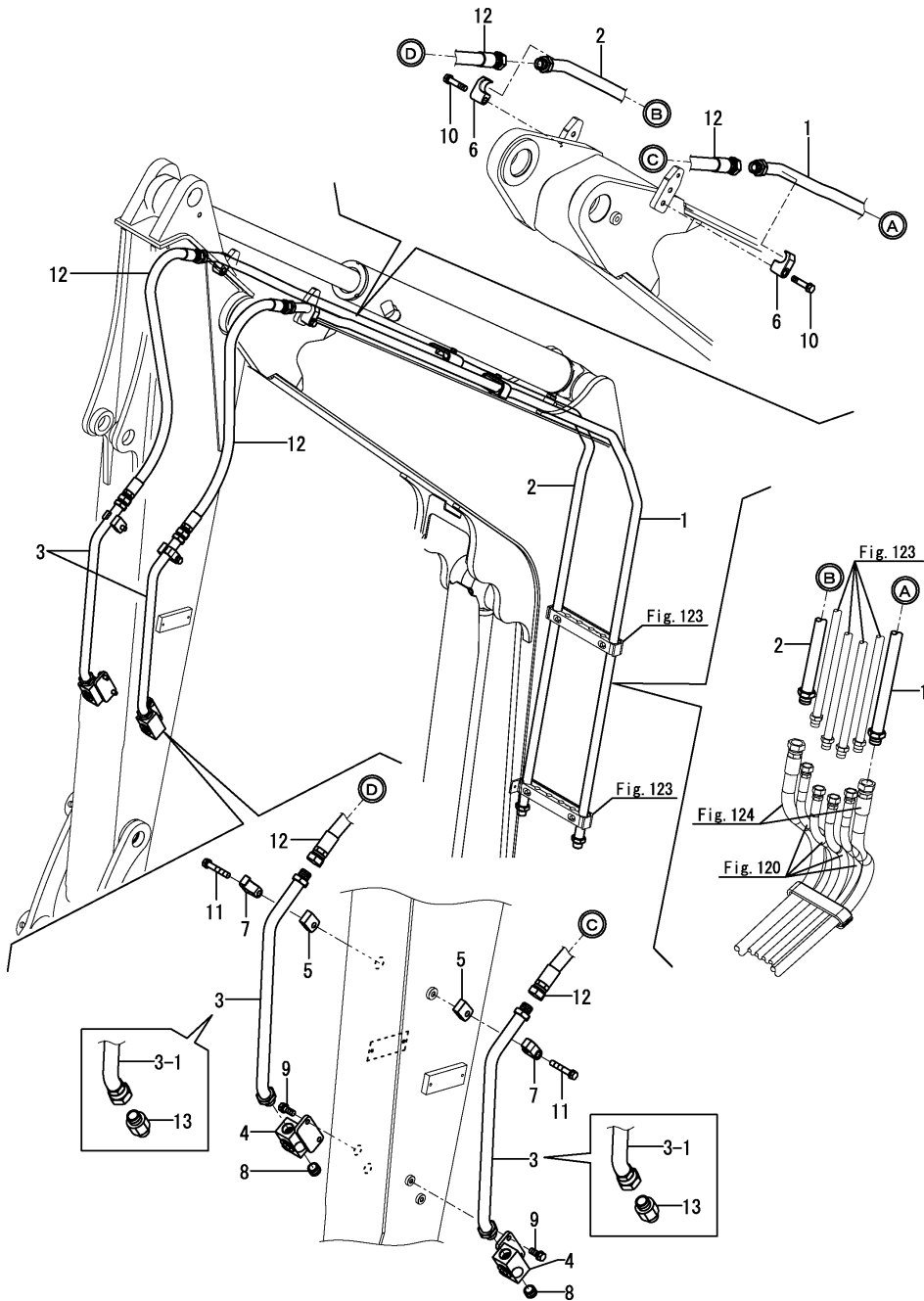


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76300-Y	TUBE ASSY, PTO	1	1	1	1				
2	1	172A69-76320-Y	TUBE ASSY, PTO	1	1	1	1				
3	1	172187-76570-Y	TUBE, 3RD	2	2	2	2				
3-1	1	172B11-76610-Y (A=M1F333) (B=M1F333) (C=M1F333) (D=M1F333)	TUBE ASSY, PTO1	2	2	2	2				S
4	1	172176-76582-Y	VALVE 12 ASSY,STOP	2	2	2	2				
4-1	1	172B11-74800 (A=M1F254) (B=M1F254) (C=M1F254) (D=M1F254)	VALVE ASSY,STOP R3/4	2	2	2	2				N
5	1	172187-76690-Y	PLATE	2	2	2	2				
5-1	1	172B11-76630-Y (A=M1F333) (B=M1F333) (C=M1F333) (D=M1F333)	PLATE, M12	2	2	2	2				S
6	1	172142-76940-Y	CLAMP	2	2	2	2				
7	1	172142-76940-Y	CLAMP	2	2	2	2				
8	1	23871-060000	PLUG, R06	2	2	2	2				
9	1	26013-100252	BOLT, SPRING M10X 25	4	4	4	4				
10	1	26013-120552	BOLT, SPRING M12X 55	2	2	2	2				
10-1	1	26014-120552 (A=M11596) (B=M11596) (C=M11596) (D=M11596)	BOLT, M12X 55	2	2	2	2				N
11	1	26013-120702	BOLT, SPRING M12X 70	2	2	2	2				
11-1	1	26014-120752 (A=M11596) (B=M11596) (C=M11596) (D=M11596)	BOLT, 12 X 75	2	2	2	2				N
11-2	1	26014-120552 (A=M1F333) (B=M1F333) (C=M1F333) (D=M1F333)	BOLT, M12X 55	2	2	2	2				S
12	1	172187-79250	HOSE	2	2	2	2				
13	1	23391-060000 (A=M1F333) (B=M1F333) (C=M1F333) (D=M1F333)	JOINT, RGI-3/4	2	2	2	2				W
14	1	26014-120352 (A=M1F333) (B=M1F333) (C=M1F333) (D=M1F333)	BOLT, M12X 35	2	2	2	2				W

Fig.171. (125A)P.T.O.(ARM END)(LONG ARM)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

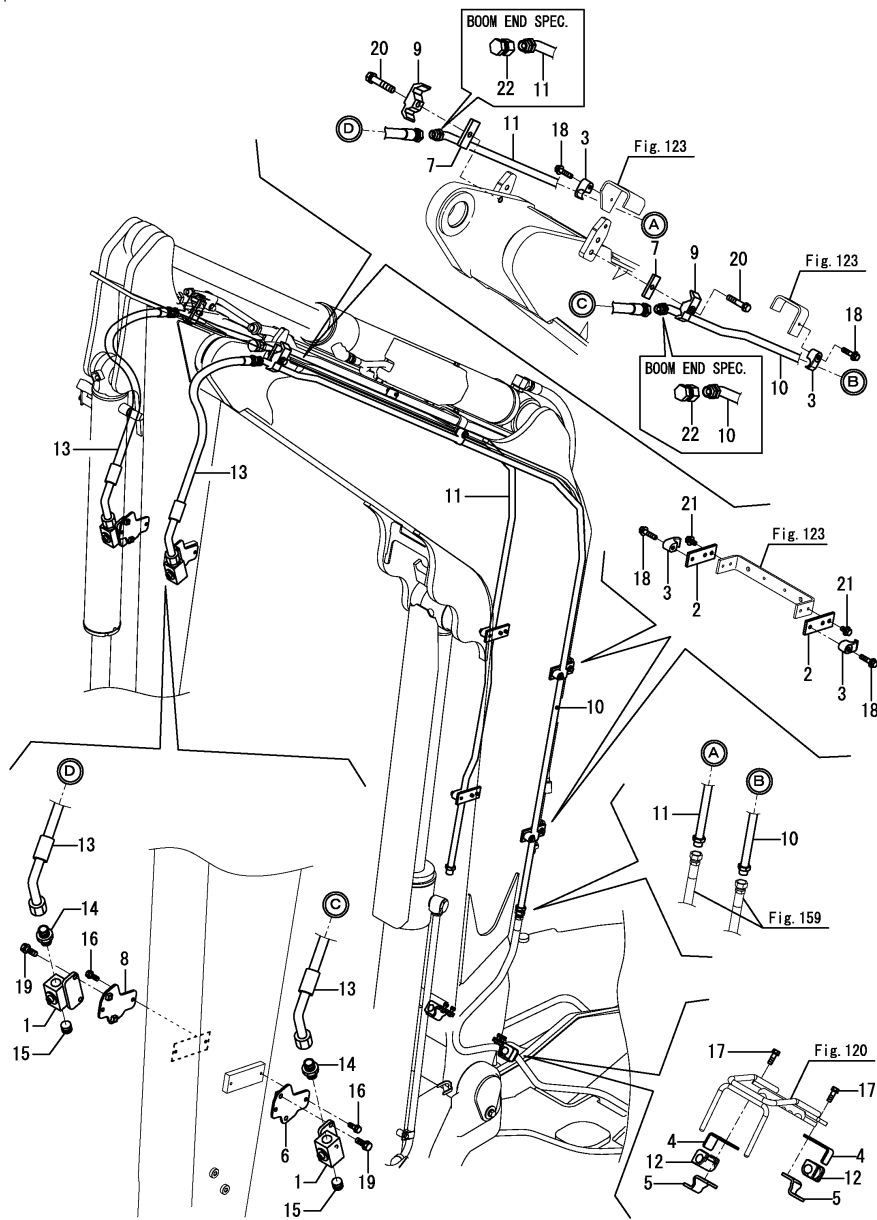


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76300-Y	TUBE ASSY, PTO	1	1						
2	1	172A69-76320-Y	TUBE ASSY, PTO	1	1						
3	1	172499-76500-Y	TUBE ASSY, ARM	2	2						
3-1	1	172B12-76310 (B=*2019.02)	TUBE ASSY, PTO1 (C=*2019.02)	2	2						S
4	1	172176-76582-Y	VALVE 12 ASSY,STOP	2	2						
4-1	1	172B11-74800 (B=M1F254)	VALVE ASSY,STOP R3/4 (C=M1F254)	2	2						N
5	1	172187-76690-Y	PLATE	2	2						
6	1	172142-76940-Y	CLAMP	2	2						
7	1	172142-76940-Y	CLAMP	2	2						
8	1	23871-060000	PLUG, R06	2	2						
9	1	26013-100252	BOLT, SPRING M10X 25	4	4						
10	1	26013-120552	BOLT, SPRING M12X 55	2	2						
10-1	1	26014-120552	BOLT, M12X 55	2	2						N
11	1	26013-120702 (B=M11596)	BOLT, SPRING M12X 70 (C=M11596)	2	2						
11-1	1	26014-120752 (B=M11596)	BOLT, 12 X 75 (C=M11596)	2	2						N
12	1	172187-79300	HOSE	2	2						
13	1	23391-060000 (B=*2019.02)	JOINT, RGI-3/4 (C=*2019.02)	2	2						W

Fig.158. (125B)P.T.O. 2(ARM & BOOM END)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



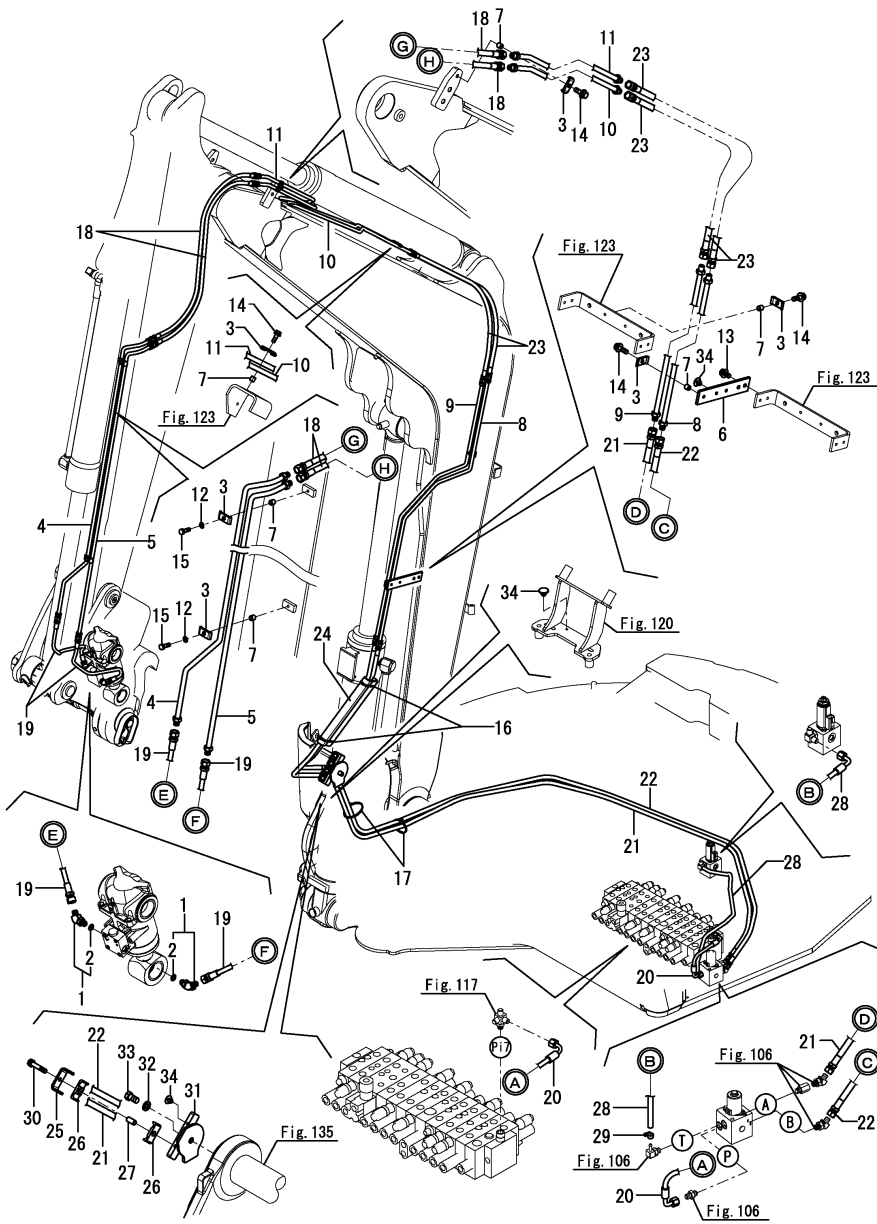
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74822-Y	VALVE, STOP	2	2	2	2				
1-1	2	172B11-74700	VALVE ASSY,STOP R1/2	2	2	2	2				N
		(A=M1F254)	(B=M1F254)	(C=M1F254)	(D=M1F254)						
2	1	172B11-76520	PLATE, CLAMP PTO2	4	4	4	4				
3	1	172B11-76550	CLAMP,1/2	6	6	6	6				
4	1	172B11-76560	CLAMP,A PTO2	2	2	2	2				
5	1	172B11-76570	CLAMP,B PTO2	2	2	2	2				
6	1	172B11-76580	PLATE ASSY, VALVE L	1	1	1	1				
7	1	172175-76590-Y	PLATE, SPACER	2	2	2	2				
8	1	172B11-76600	PLATE ASSY, VALVE R	1	1	1	1				
9	1	172125-76900-2	CLUMP	2	2	2	2				
10	1	172B11-77900	TUBE ASSY, PTO2 L	1	1	1	1				
11	1	172B11-77930	TUBE ASSY, PTO2 R	1	1	1	1				
12	1	172187-78100	RUBBER	2	2	2	2				
13	1	172B11-79930	HOSE, H108BE095W	2	2	2	2				
14	1	23391-040000	JOINT, RGI-1/2	2	2	2	2				
15	1	23871-040000	PLUG, R04	2	2	2	2				
16	1	26013-080202	BOLT, SPRING M8X 20	4	4	4	4				
17	1	26013-080252	BOLT, SPRING M8X 25	4	4	4	4				
18	1	26013-080352	BOLT, SPRING M8X 35	6	6	6	6				
18-1	1	26014-080352	BOLT, M8X 35	6	6	6	6				N
		(A=M10941)	(B=M10941)	(C=M10941)	(D=M10941)						
19	1	26013-100252	BOLT, SPRING M10X 25	4	4	4	4				
20	1	26013-120602	BOLT, SPRING M12X 60	2	2	2	2				
21	1	26014-080162	BOLT, M8X 16	8	8	8	8				
22	1	172137-75570	ADAPTER, PF1/2	2	2	2	2				1

Remarks
 * P.T.O. 2 is shown in Fig.168.
 (1)BOOM END specification.

Fig.126. QUICK COUPLER

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



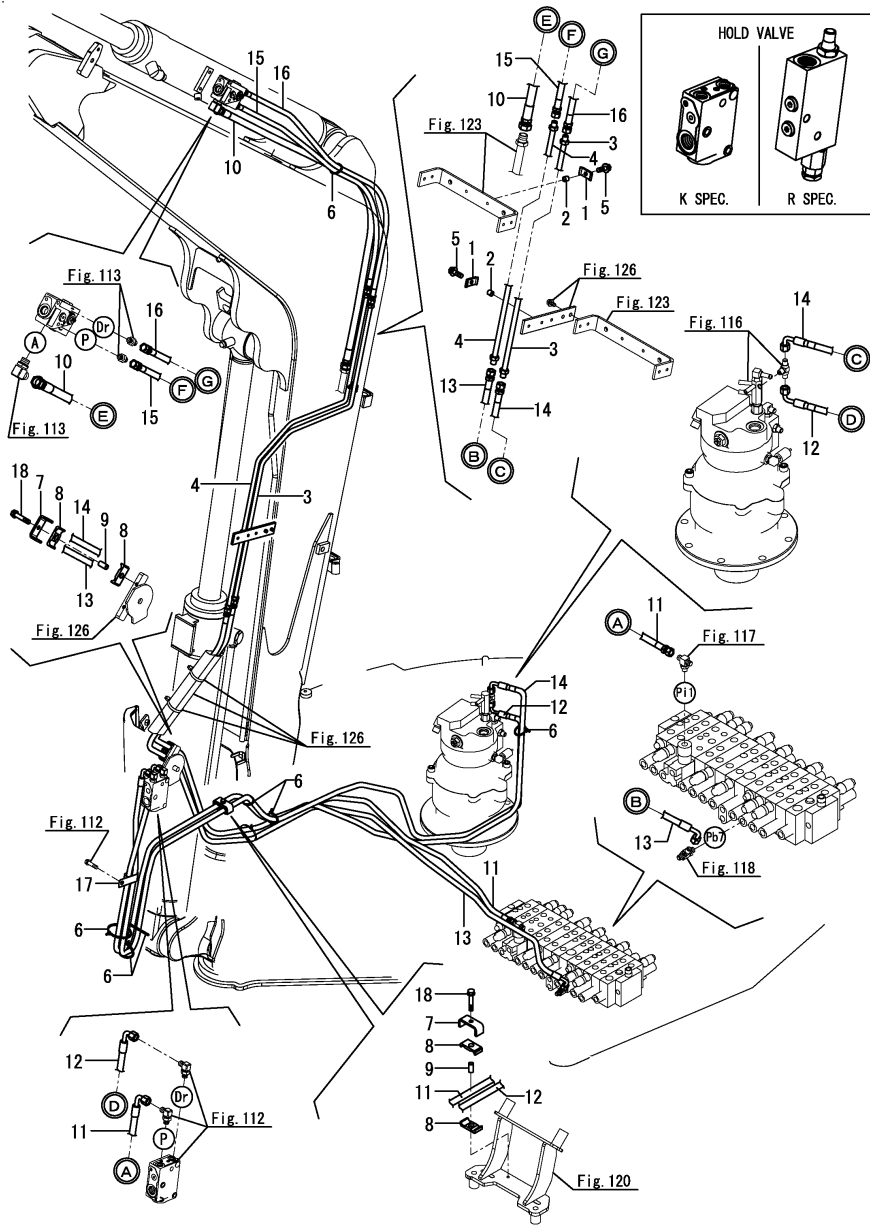
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-76100	ELBOW	2	2	2	2				1
2	2	24315-000110	O-RING, 1BP11.0	2	2	2	2				1
3	1	172110-76170	PLATE	6	6	6	6				
4	1	172978-76480-Y	TUBE ASSY, ARM	1	1	1	1				
5	1	172978-76500-Y	TUBE ASSY, ARM	1	1	1	1				
6	1	172B11-76510	PLATE, CLAMP Q HV	1	1	1	1				
7	1	172137-76580	COLLAR	6	6	6	6				
8	1	172A69-76600-Y	TUBE ASSY	1	1	1	1				
9	1	172A69-76620-Y	TUBE ASSY	1	1	1	1				
10	1	172A69-76640-Y	TUBE ASSY	1	1	1	1				
11	1	172A69-76660-Y	TUBE ASSY	1	1	1	1				
12	1	22217-080000	WASHER, SPRING 8	2	2	2	2				
13	1	26014-080162	BOLT, M8X 16	2	2	2	2				
14	1	26014-080252	BOLT, M8X 25	4	4	4	4				
15	1	26076-080252	BOLT, 10.98X 25	2	2	2	2				
16	1	172126-11510	BAND	2	2	2	2				
17	1	194202-56460	BAND, 200	2	2	2	2				
18	1	172978-78111	HOSE	2	2	2	2				
19	1	172958-78120	HOSE	2	2	2	2				
20	1	172A69-78591	HOSE H604CC025	1	1	1	1				
21	1	172A89-78600	HOSE H604BB339K	1	1	1	1				
22	1	172A89-78610	HOSE H604BB339K	1	1	1	1				
23	1	172A69-78620	HOSE H604BB093K	2	2	2	2				
24	1	172A69-78670	COVER, HOSE	1	1	1	1				
25	1	172A69-79200	CLAMP, 54X25	1	1	1	1				
26	1	172A69-79210	SUPPORT, RUBBER	2	2	2	2				
27	1	172A69-79220	COLLAR, 9X24	1	1	1	1				
28	1	172A89-79620	HOSE G804CY103	1	1	1	1				
29	1	23000-013000	CLAMP, 13	1	1	1	1				
30	1	26013-080402	BOLT, SPRING M8X 40	1	1	1	1				
31	1	172A69-79250-Y	CLAMP ASSY	1	1	1	1				
32	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
33	1	26116-140252	BOLT, M14X 25 PLATED	1	1	1	1				
34	1	172444-17660	CLIP, TREE	4	4	4	4				
34-1	1	172B11-76900	CLIP, TREE 8	4	4	4	4				N

(A)=*2015.07.) (B)=*2015.07.) (C)=*2015.07.) (D)=*2015.07.)

Remarks
 * Fitting(control valve) is shown in Fig.117 & 118.
 (1)This parts is applied quick coupler specification made by YANMAR.

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170	PLATE		2	2	2				
2	1	172137-76580	COLLAR		2	2	2				
3	1	172A69-77480-Y	TUBE ASSY		1	1	1				
4	1	172A69-77500-Y	TUBE ASSY		1	1	1				
5	1	26014-080252	BOLT, M8X 25		2	2	2				
6	1	194202-56460	BAND, 200		11	11	11				
7	1	172A69-79200	CLAMP, 54X25		2	2	2				
8	1	172A69-79210	SUPPORT, RUBBER		4	4	4				
9	1	172A69-79220	COLLAR, 9X24		2	2	2				
10	1	172A69-79690	HOSE H108BB168K		1	1	1				
11	1	172A69-79700	HOSE H604BC268K		1	1	1				
12	1	172A69-79711	HOSE H604CC285K		1	1	1				
13	1	172A69-79720	HOSE H604BC260K		1	1	1				
14	1	172A69-79730	HOSE H604BC264K		1	1	1				
15	1	172A69-79740	HOSE H604BB131K		1	1	1				
16	1	172A69-79750	HOSE H604BB133K		1	1	1				
17	1	1E6212-82820	CLIP, COD-173219		1	1	1				
18	1	26013-080402	BOLT, SPRING M8X 40		2	2	2				

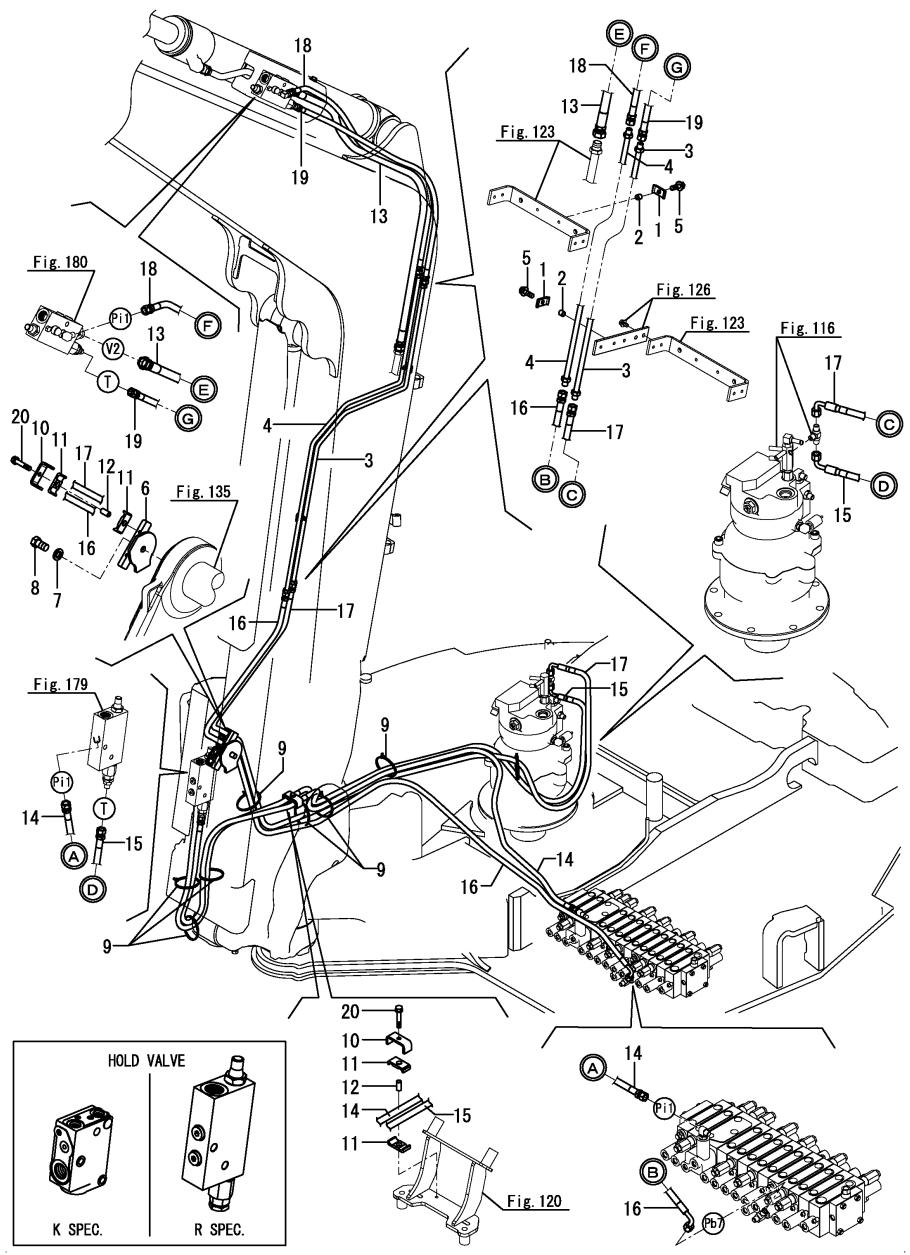
Remarks
 * Fitting(control valve) is shown in Fig.117 & 118.
 * R specification are shown in Fig.181(127A).

Fig.181. (127A)HOLD VALVE(R SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170-5	PLATE		2	2					
2	1	172137-76580	COLLAR		2	2					
3	1	172A69-77480-Y	TUBE ASSY		1	1					
4	1	172A69-77500-Y	TUBE ASSY		1	1					
5	1	26014-080252	BOLT, M8X 25		2	2					
6	1	172A69-79250-Y	CLAMP ASSY		1	1					
7	1	22217-140000	WASHER, SPRING 14		1	1					
8	1	26116-140252	BOLT, M14X 25 PLATED		1	1					
9	1	194202-56460	BAND, 200		11	11					
10	1	172A69-79200	CLAMP, 54X25		2	2					
11	1	172A69-79210	SUPPORT, RUBBER		4	4					
12	1	172A69-79220	COLLAR, 9X24		2	2					
13	1	172B12-79690	HOSE, H108BB160K		1	1					
14	1	172B12-79700	HOSE, H604BB264K		1	1					
15	1	172B12-79710	HOSE, H604BC265K		1	1					
16	1	172A69-79720	HOSE H604BC260K		1	1					
17	1	172A69-79730	HOSE H604BC264K		1	1					
18	1	172B12-79740	HOSE, H604BB142K		1	1					
19	1	172B12-79750	HOSE, H604BB132K		1	1					
20	1	26013-080402	BOLT, M8X 40		2	2					



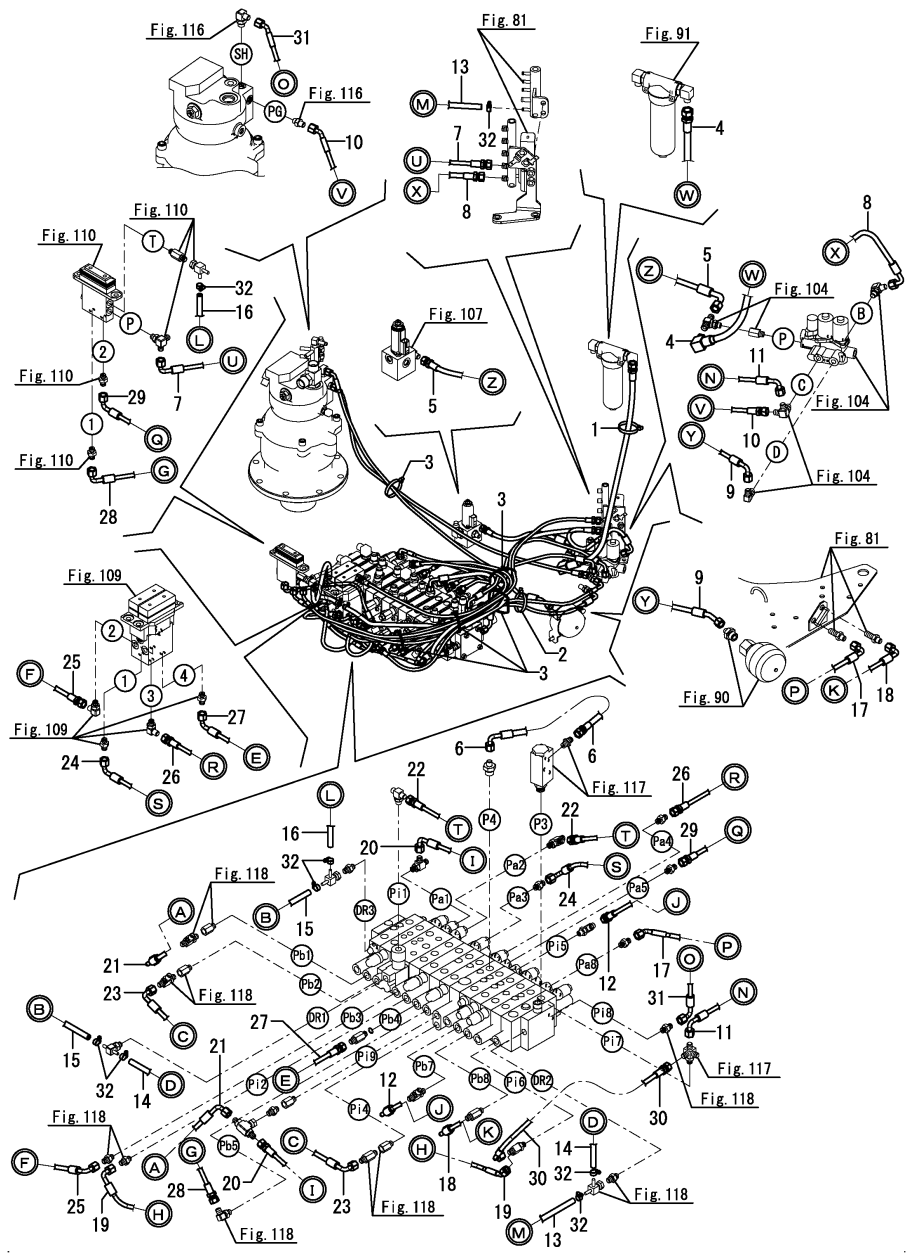
Remarks
 * K specification are shown in Fig.127.

Fig.128. CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND	1	1	1	1				
2	1	172137-16560	BAND	1	1	1	1				
3	1	194202-56460	BAND, 200	5	5	5	5				
4	1	172B11-78191	HOSE, H606BV077	1	1	1	1				
5	1	172B11-78261	HOSE, H604BC031S	1	1	1	1				
6	1	172A69-78370	HOSE	1	1	1	1				
7	1	172A69-78860	HOSE	1	1	1	1				
8	1	172B11-78870	HOSE, H604BC042	1	1	1	1				
9	1	172B11-78881	HOSE, H603CB058	1	1	1	1				
10	1	172A69-78890	HOSE	1	1	1	1				
11	1	172A69-78910	HOSE	1	1	1	1				
12	1	172A69-78920	HOSE	1	1	1	1				
13	1	172A69-78930	HOSE	1	1	1	1				
14	1	172A69-78940	HOSE	1	1	1	1				
15	1	172A69-78950	HOSE	1	1	1	1				
16	1	172A69-78960	HOSE	1	1	1	1				
17	1	172A69-78980	HOSE	1	1	1	1				
18	1	172A69-78990	HOSE	1	1	1	1				
19	1	172A69-79400	HOSE	1	1	1	1				
20	1	172A69-79410	HOSE	1	1	1	1				
21	1	172A69-79420	HOSE	1	1	1	1				
22	1	172A69-79430	HOSE	1	1	1	1				
23	1	172A69-79440	HOSE	1	1	1	1				
24	1	172A69-79450	HOSE	1	1	1	1				
25	1	172A69-79460	HOSE	1	1	1	1				
26	1	172A69-79470	HOSE	1	1	1	1				
27	1	172A69-79481	HOSE H603BC036	1	1	1	1				
28	1	172A69-79501	HOSE F403BC042	1	1	1	1				
29	1	172A69-79511	HOSE F403BC133	1	1	1	1				
30	1	172A69-79520	HOSE	1	1	1	1				
31	1	172A69-79530	HOSE	1	1	1	1				
32	1	23000-013000	CLAMP, 13	8	8	8	8				

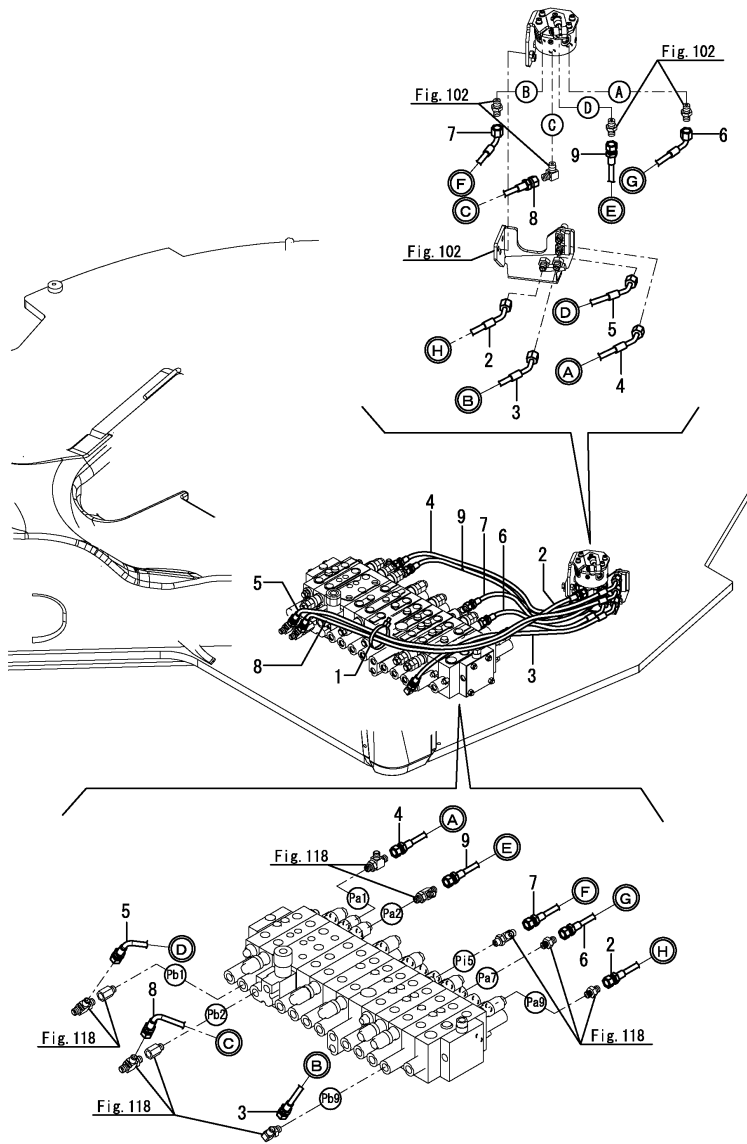


Remarks
 * Fitting(control valve) is shown in Fig.117 & 118.

Fig.129. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194202-56460	BAND, 200	1	1	1	1				
2	1	172A69-79800	HOSE H603BE030	1	1	1	1				
3	1	172A69-79810	HOSE F403BE075	1	1	1	1				
4	1	172A69-79820	HOSE F403BE079	1	1	1	1				
5	1	172A69-79830	HOSE F403BE112	1	1	1	1				
6	1	172A69-79840	HOSE F403BC040	1	1	1	1				
7	1	172A69-79850	HOSE F403BC082	1	1	1	1				
8	1	172A69-79860	HOSE F403BB081	1	1	1	1				
9	1	172A69-79870	HOSE F403BB071	1	1	1	1				

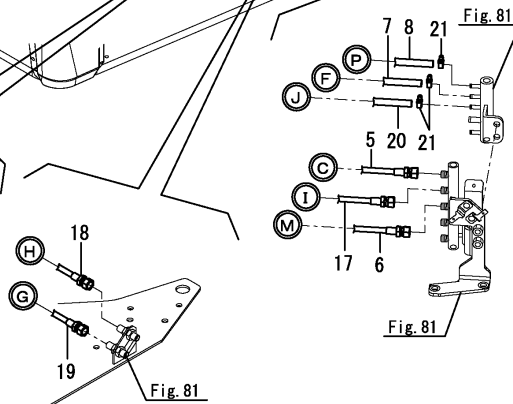
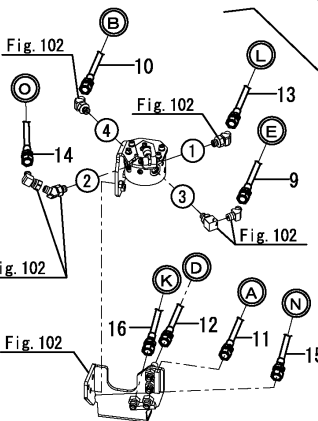
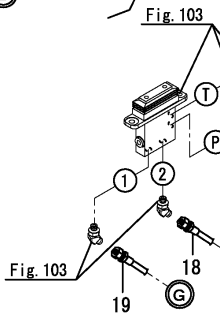
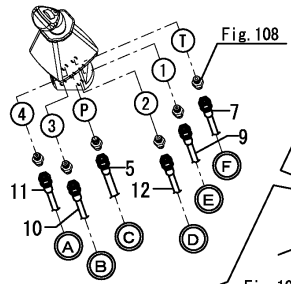
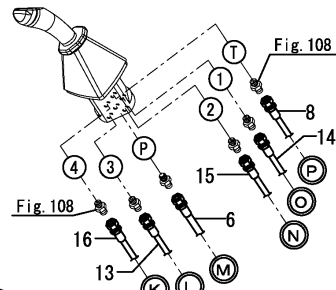
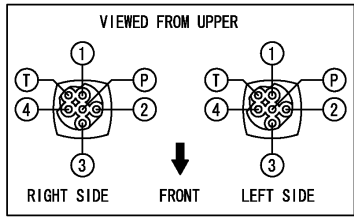
Remarks

* Fitting(control valve) is shown in Fig.117 & 118.

Fig.130. CONTROL PIPING(2-WAY VALVE - REMOTE CONTROL VALVE)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

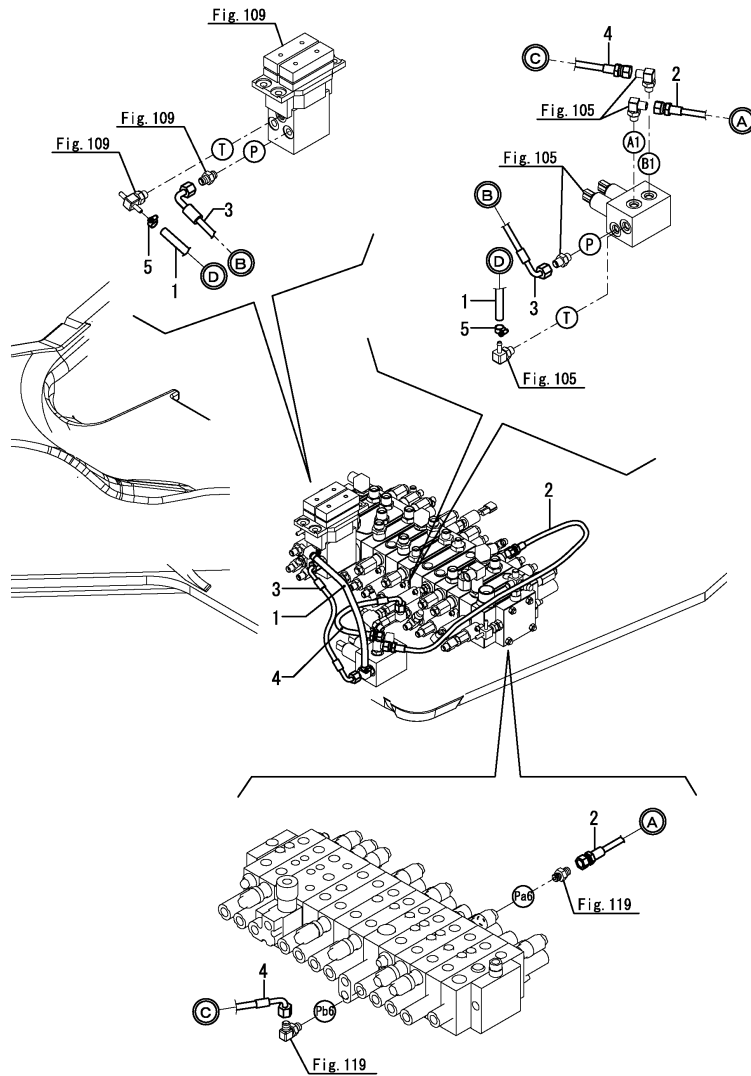


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	12	12	12	12				
2	1	172A69-78630	COVER, HOSE	3	3	3	3				
3	1	172A69-78650	SPONGE, HOSE	1	1	1	1				
4	1	172A69-78660	SPONGE, HOSE	1	1	1	1				
5	1	172A69-78700	HOSE	1	1	1	1				
6	1	172A69-78710	HOSE	1	1	1	1				
6-1	1	172A69-78711	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
7	1	172A69-78720	HOSE	1	1	1	1				
8	1	172A69-78730	HOSE	1	1	1	1				
8-1	1	172A69-78731	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
9	1	172A69-78740	HOSE	1	1	1	1				
10	1	172A69-78750	HOSE	1	1	1	1				
11	1	172A69-78760	HOSE	1	1	1	1				
12	1	172A69-78770	HOSE	1	1	1	1				
13	1	172A69-78780	HOSE	1	1	1	1				
13-1	1	172A69-78781	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
14	1	172A69-78790	HOSE	1	1	1	1				
14-1	1	172A69-78791	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
15	1	172A69-78800	HOSE	1	1	1	1				
15-1	1	172A69-78801	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
16	1	172A69-78810	HOSE	1	1	1	1				
16-1	1	172A69-78811	HOSE	1	1	1	1				N
		(A=*2013.12)	(B=*2013.12)	(C=*2013.12)							
17	1	172A69-78820	HOSE	1	1	1	1				
18	1	172A69-78830	HOSE	1	1	1	1				
19	1	172A69-78840	HOSE	1	1	1	1				
20	1	172A69-78850	HOSE	1	1	1	1				
21	1	23000-013000	CLAMP, 13	3	3	3	3				

Fig.132. CONTROL PIPING(P.T.O.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-79540	HOSE, G604YY029	1	1	1	1				
2	1	172B11-79550	HOSE, F403BB095	1	1	1	1				
3	1	172B11-79560	HOSE, H603CC028	1	1	1	1				
4	1	172B11-79570	HOSE, H603BC029	1	1	1	1				
5	1	23000-013000	CLAMP, 13	2	2	2	2				

Remarks

* Fitting(control valve) is shown in Fig.119.

Fig.133. GREASING(TURNING FRAME)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND	1	1	1	1				
2	1	172A89-77800	HOSE P602YY045	1	1	1	1				
3	1	172A89-77810	HOSE P602YY075	1	1	1	1				
4	1	172A47-77820	JOINT, GREASE	4	4	4	4				
8	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				

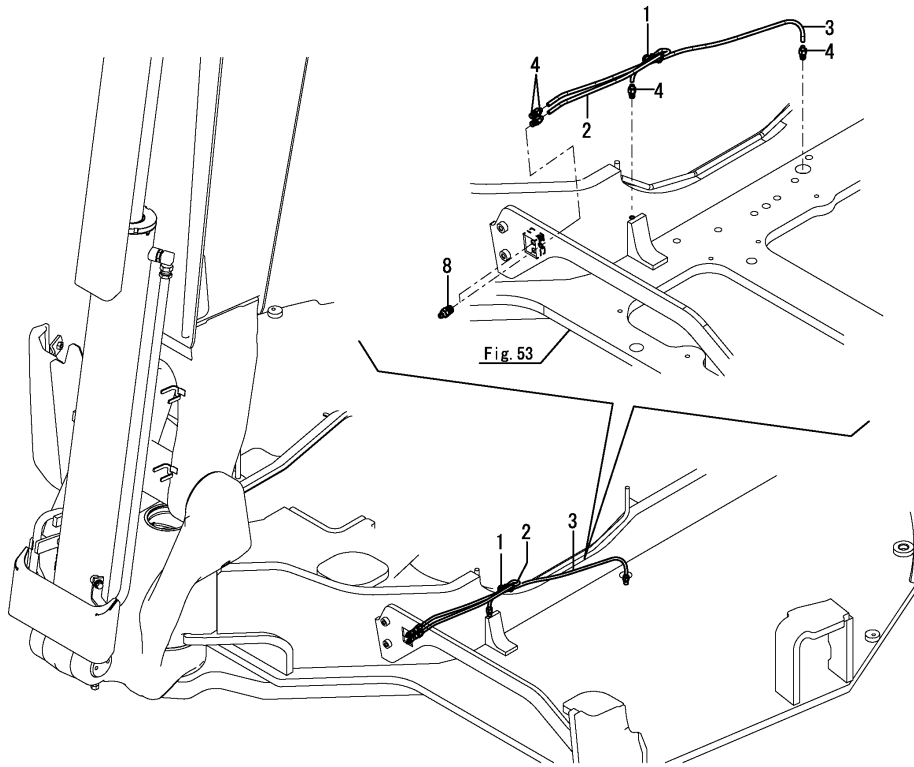


Fig.135. BOOM BRACKET

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-82300-Y	BRACKET ASSY,BOOM	1	1	1	1				
3	2	172A89-82320	BUSH, 100X90	2	2	2	2				
4	2	24321-001000	O-RING, 1AG100.0	4	4	4	4				
5	1	172187-82330	PIN ASSY	1	1	1	1				
6	1	172187-82400	SHIM	1	1	1	1				
7	1	172187-82410	SHIM	1	1	1	1				
8	1	172187-82420	BOLT	1	1	1	1				
9	1	22242-001000	RING, 100	1	1	1	1				
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
11	1	26716-180002	NUT, M18	2	2	2	2				

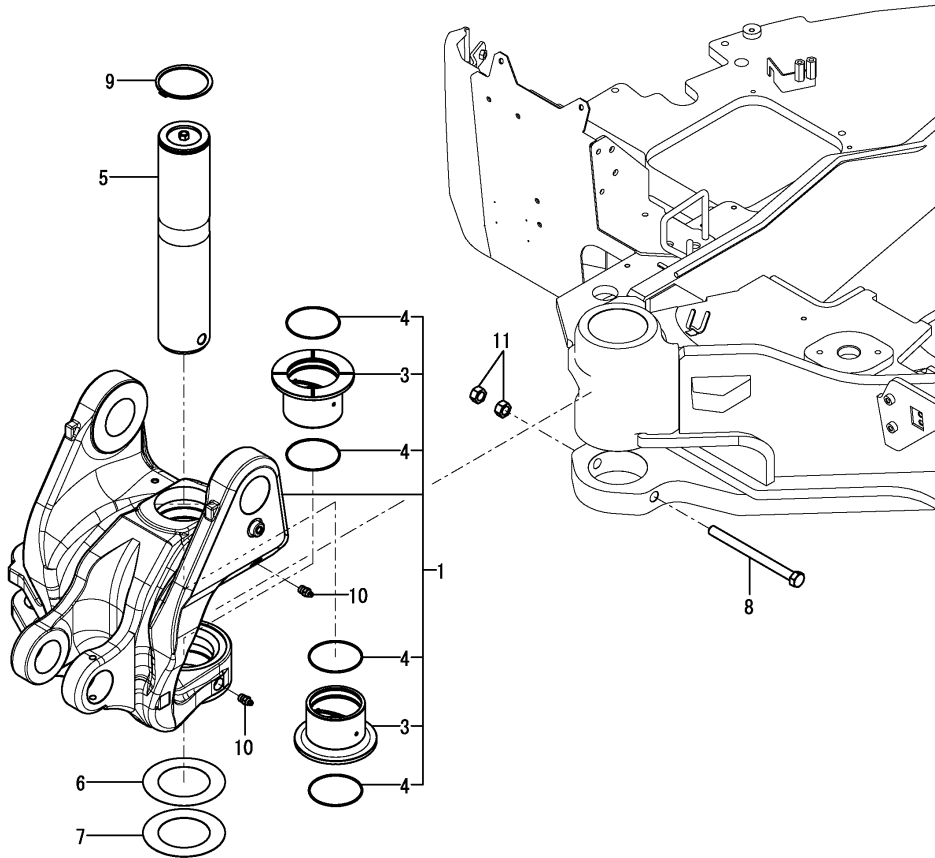
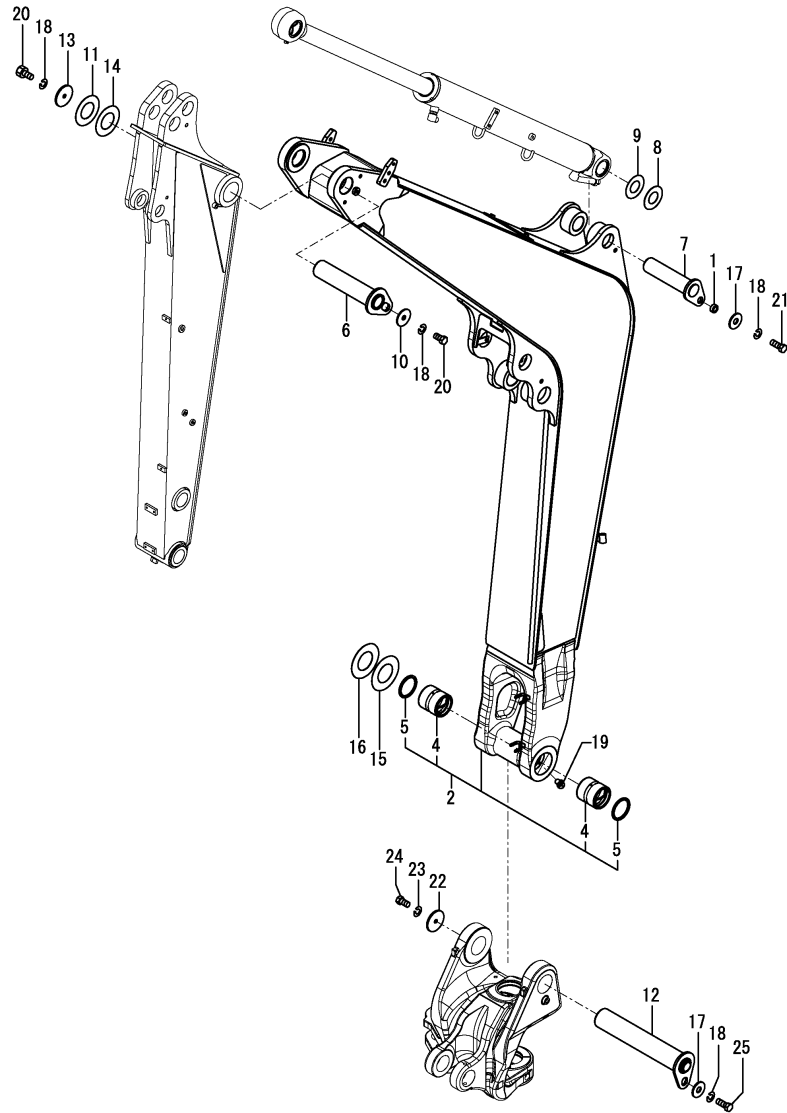


Fig.136. BOOM

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1	1	1				
2	1	172A89-81100-Y	BOOM ASSY,EX	1	1	1	1				1
4	2	172A52-81352	BUSH	2	2	2	2				
5	2	172162-81430	SEAL, DUST	2	2	2	2				
5A	1	172187-03941	LABEL, BOOM US	2	2	2	2				2
6	1	172499-81751	PIN ASSY,70X315	1	1	1	1				
7	1	172187-81840	PIN ASSY	1	1	1	1				
8	1	172499-81850	SHIM	1	1	1	1				
9	1	172499-81860	SHIM	1	1	1	1				
10	1	172187-81970	WASHER	1	1	1	1				
11	1	172445-81990	SHIM	1	1	1	1				
12	1	172187-82340	PIN ASSY	1	1	1	1				
13	1	172187-82430	WASHER	1	1	1	1				
14	1	172162-83580	SHIM	1	1	1	1				
15	1	172162-83600	SHIM	1	1	1	1				
16	1	172162-83610	SHIM	1	1	1	1				
17	1	22157-140000	WASHER, 14	2	2	2	2				
18	1	22217-140000	WASHER, SPRING 14	4	4	4	4				
19	1	24761-040000	NIPPLE, GREASE B	2	2	2	2				
20	1	26116-140252	BOLT, M14X 25 PLATED	2	2	2	2				
21	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				
22	1	172187-82430	WASHER	1							3
23	1	22217-140000	WASHER, SPRING 14	1							3
24	1	26116-140252	BOLT, M14X 25 PLATED	1							3
25	1	26116-140252	BOLT, M14X 25 PLATED	1	1	1	1				

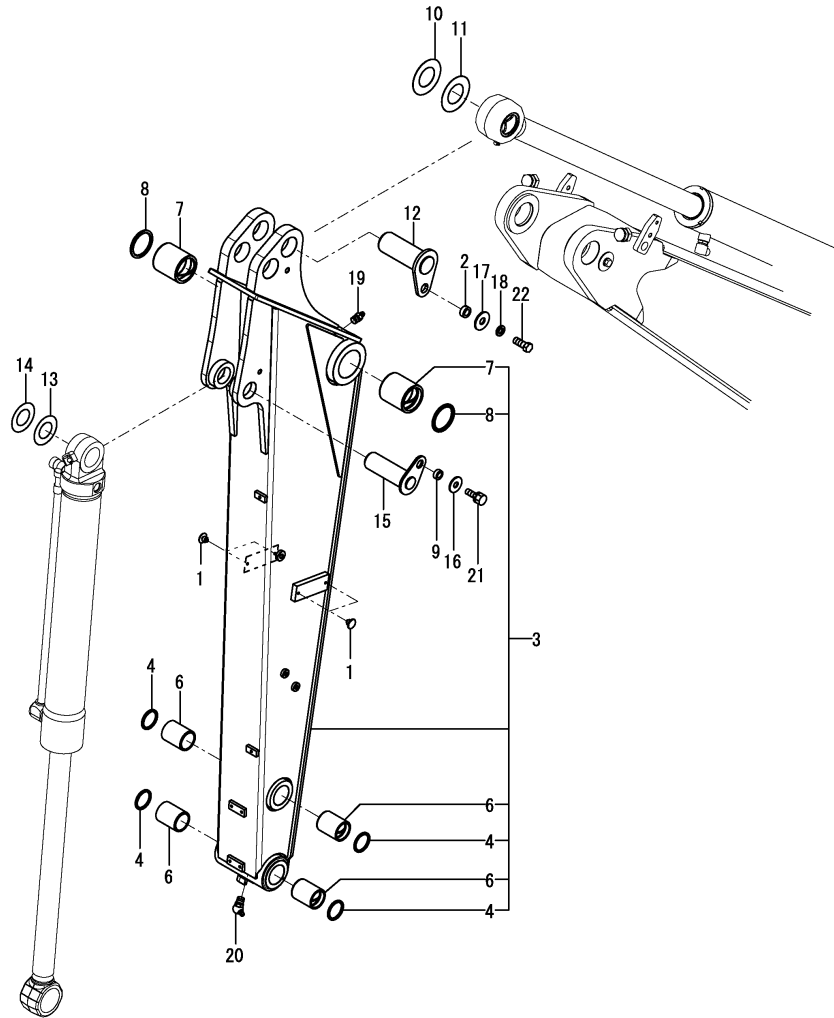
Remarks

- (1) Attach the No.5A label to this part.
- (2) Not illustrated.
- (3) Not applied for quick coupler spec.

Fig.137. ARM

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	4	4	4	4				
2	1	172155-45790	SPACER	1	1	1	1				
3	1	172A89-81470-Y	ARM, 1650	1	1	1	1				1
3-1	1	172A89-81471-Y	ARM, 1650 EX	1	1	1	1				N 1
		(A=M1F343) (B=M1F343) (C=M1F343) (D=M1F343)									
4	2	172448-54120	SEAL, DUST	4	4	4	4				
6	2	172187-81710	BUSH	4	4	4	4				
7	2	172162-82280	BUSH	2	2	2	2				
8	2	172162-82350	SEAL, DUST	2	2	2	2				
8A	1	172472-03261	LABEL, FINGER	1	1	1	1				2
8B	1	172472-03330	LABEL, LOCK PIN	1	1	1	1				2
9	1	172164-81670	SPACER	1	1	1	1				
10	1	172175-81700	SHIM	1	1	1	1				
11	1	172175-81710	SHIM	1	1	1	1				
12	1	172187-81861	PIN	1	1	1	1				
13	1	172165-82520	SHIM	1	1	1	1				
14	1	172165-82530	SHIM	1	1	1	1				
15	1	172458-83650	PIN ASSY	1	1	1	1				
16	1	22157-120000	WASHER, 12	1	1	1	1				
17	1	22157-140000	WASHER, 14	1	1	1	1				
18	1	22217-140000	WASHER, SPRING 14	1	1	1	1				
19	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
20	1	24761-040000	NIPPLE, GREASE B	1	1	1	1				
21	1	26013-120302	BOLT, SPRING M12X 30	1	1	1	1				
22	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1				

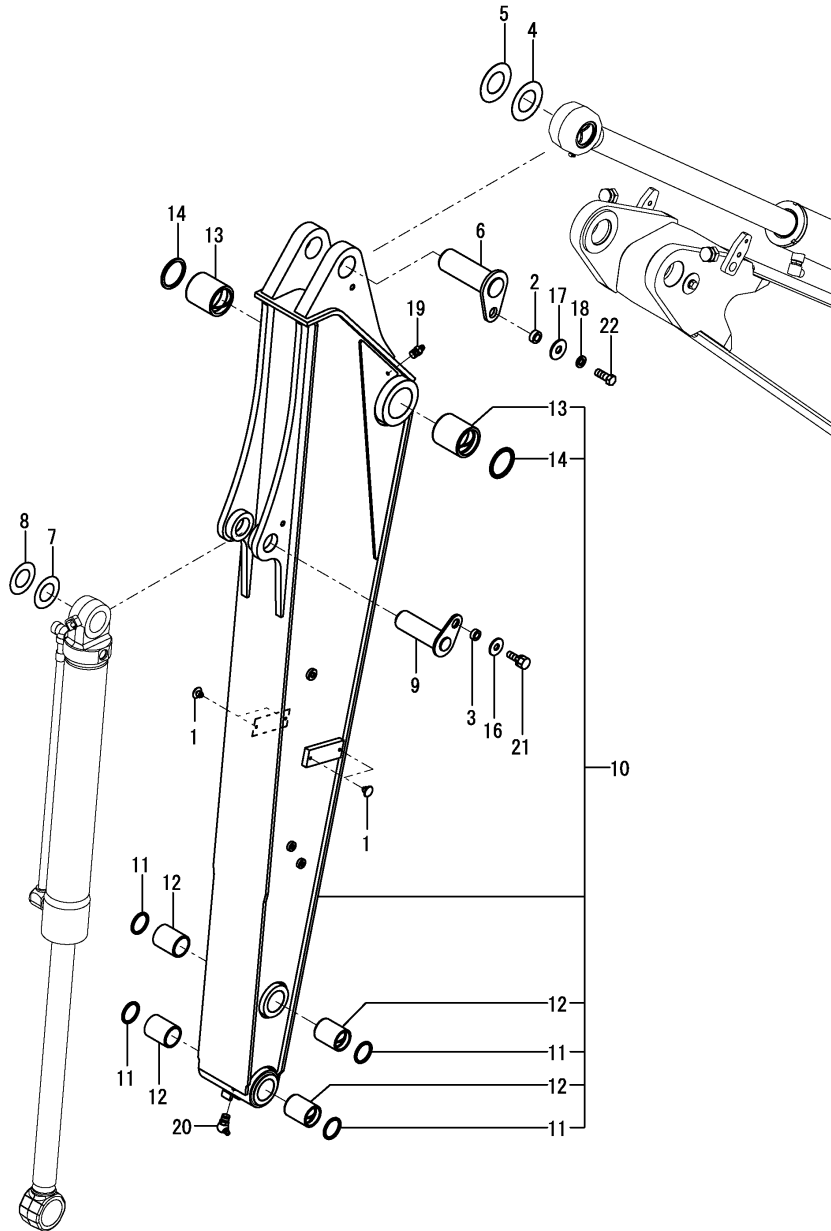
Remarks

- (1) Attach the No.8A & 8B label to this part.
- (2) Not illustrated.

Fig.172. (137A)ARM(LONG ARM SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

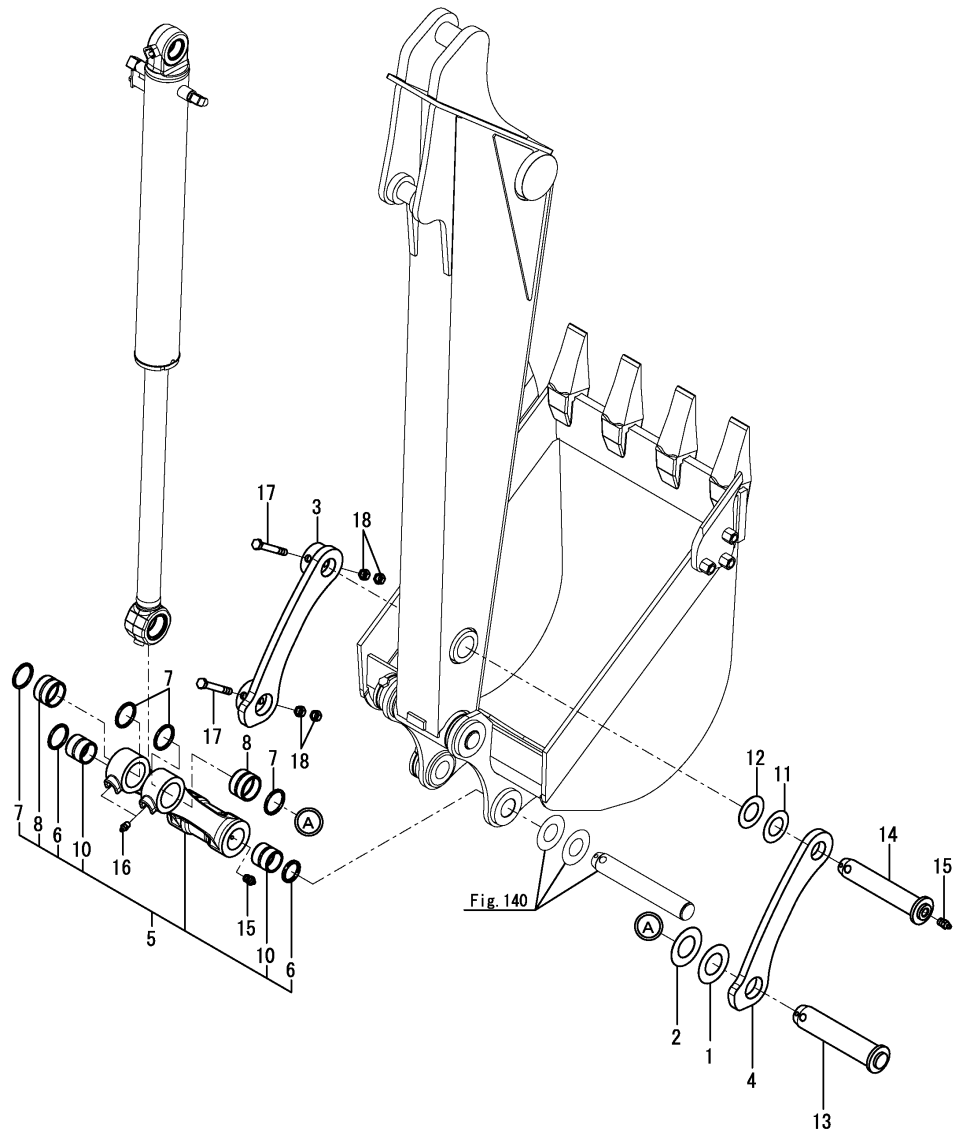


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE		4	4					
2	1	172155-45790	SPACER		1	1					
3	1	172164-81670	SPACER		1	1					
4	1	172175-81700	SHIM		1	1					
5	1	172175-81710	SHIM		1	1					
6	1	172499-81800	PIN		1	1					
7	1	172165-82520	SHIM		1	1					
8	1	172165-82530	SHIM		1	1					
9	1	172458-83650	PIN ASSY		1	1					
10	1	172B11-83690	ARM ASSY, 2000		1	1					
11	2	172448-54120	SEAL, DUST		4	4					
12	2	172187-81710	BUSH		4	4					
13	2	172162-82280	BUSH		2	2					
14	2	172162-82350	SEAL, DUST		2	2					
16	1	22157-120000	WASHER, 12		1	1					
17	1	22157-140000	WASHER, 14		1	1					
18	1	22217-140000	WASHER, SPRING 14		1	1					
19	1	24761-020000	NIPPLE, GREASE PT1/8		1	1					
20	1	24761-040000	NIPPLE, GREASE B		1	1					
21	1	26013-120302	BOLT, M12X 30		1	1					
22	1	26116-140352	BOLT, M14X 35 PLATED		1	1					

Fig.138. BUCKET ARM & LINK

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

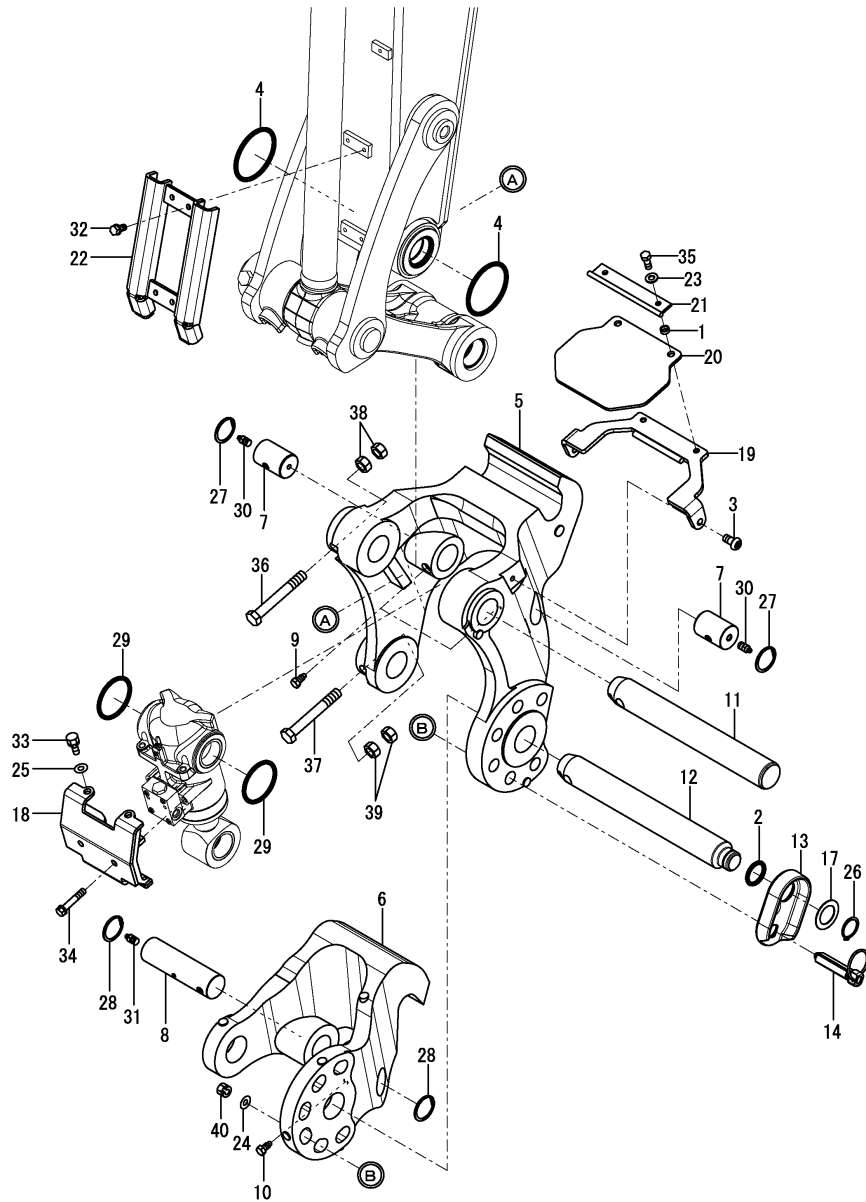


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172175-81700	SHIM	1	1	1	1				
2	1	172175-81710	SHIM	1	1	1	1				
3	1	172455-82380-Y	ARM, BUCKET	1	1	1	1				
4	1	172455-82391-Y	ARM, BUCKET	1	1	1	1				
5	1	172499-82400-Y	LINK, BUCKET	1	1	1	1				
6	2	172448-54120	SEAL, DUST	2	2	2	2				
7	2	172168-54760	SEAL, DUST	4	4	4	4				
8	2	172455-82360	BUSH	2	2	2	2				
10	2	172187-83040	BUSH	2	2	2	2				
11	1	172165-82520	SHIM	1	1	1	1				
12	1	172165-82530	SHIM	1	1	1	1				
13	1	172455-83350	PIN ASSY	1	1	1	1				
14	1	172455-83360	PIN ASSY	1	1	1	1				
15	1	24761-020000	NIPPLE, GREASE PT1/8	3	3	3	3				
16	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
17	1	26116-161202	BOLT, M16X120 PLATED	2	2	2	2				
18	1	26716-160002	NUT, M16	4	4	4	4				

Fig.139. QUICK COUPLER(Y SPEC.)

(A)=VIO80-1(US)
(B)=VIO80-1(AS)
(C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17121	COLLAR, 9X4	2	2	2	2				
2	1	172124-46200	O-RING	1	1	1	1				
3	1	172455-61720	BOLT	2	2	2	2				
4	1	172162-82360	O-RING	2	2	2	2				
5	1	172978-83101-Y	BRACKET A	1	1	1	1				
6	1	172978-83111-Y	BRACKET B	1	1	1	1				
7	1	172978-83120	PIN 45X65	2	2	2	2				
8	1	172978-83130	PIN 45X161	1	1	1	1				
9	1	172978-83140	BOLT	2	2	2	2				
10	1	172978-83140	BOLT	1	1	1	1				
11	1	172978-83150	PIN 50X345	1	1	1	1				
12	1	172978-83161	PIN 50X373	1	1	1	1				
13	1	172978-83170-Y	PLATE, LOCK	1	1	1	1				
14	1	172978-83191	PIN, LOCK	1	1	1	1				
17	1	172960-83210	COLLAR	1	1	1	1				
18	1	172978-83221-Y	COVER, HITCH	1	1	1	1				
19	1	172978-83270-Y	GUARD ASSY	1	1	1	1				
20	1	172978-83292	PLATE, RUBBER	1	1	1	1				
21	1	172978-83300-Y	PLATE	1	1	1	1				
22	1	172978-83320-Y	COVER, ARM	1	1	1	1				
23	1	22137-080000	WASHER, 8	2	2	2	2				
24	1	22137-100000	WASHER, 10	1	1	1	1				
25	1	22137-100000	WASHER, 10	2	2	2	2				
26	1	22242-000350	RING, 35	1	1	1	1				
27	1	22252-000450	RING, 45	2	2	2	2				
28	1	22252-000450	RING, 45	2	2	2	2				
29	1	24311-000700	O-RING, 1AP70.0	2	2	2	2				
30	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
31	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				
32	1	26013-080162	BOLT, M8X 16	4	4	4	4				
33	1	26013-100252	BOLT, M10X 25	2	2	2	2				
34	1	26013-100502	BOLT, M10X 50	2	2	2	2				
35	1	26116-080202	BOLT, M8X 20 PLATED	2	2	2	2				
36	1	26116-161202	BOLT, M16X120 PLATED	1	1	1	1				
37	1	26116-161202	BOLT, M16X120 PLATED	1	1	1	1				
38	1	26716-160002	NUT, M16	2	2	2	2				
39	1	26716-160002	NUT, M16	2	2	2	2				
40	1	26756-100002	NUT, LOCK M10	1	1	1	1				

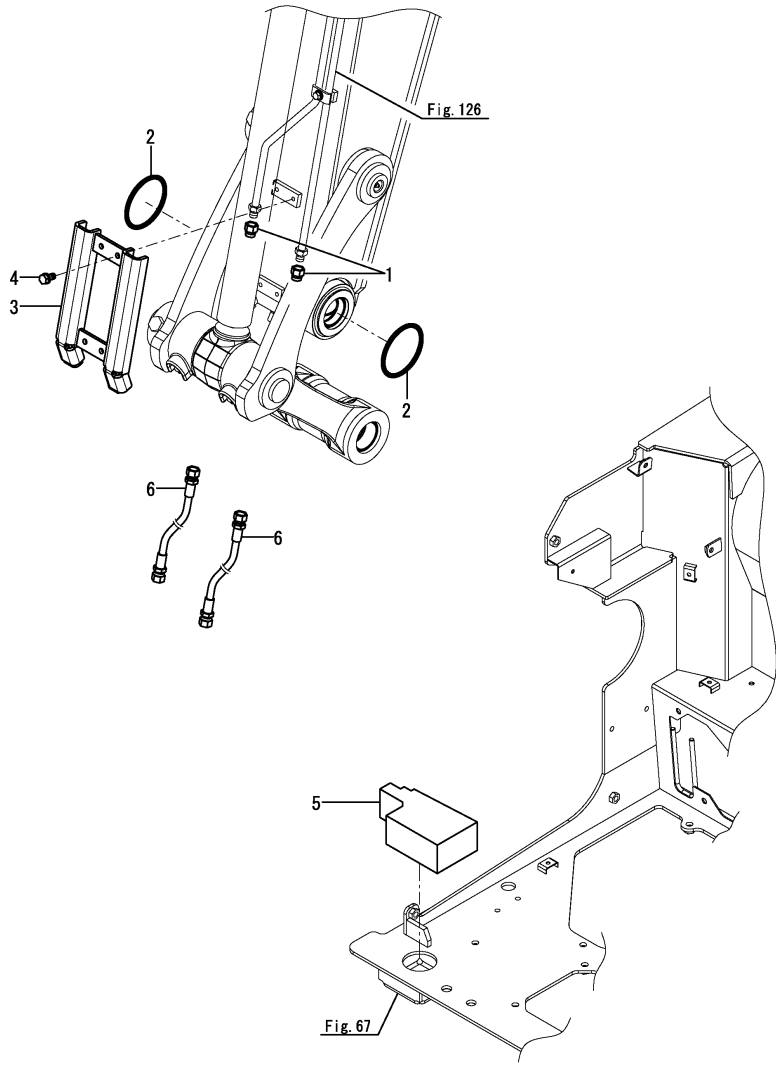
Remarks

* This figure is applied quick coupler specification made by YANMAR.

Fig.166. (139A)QUICK COUPLER ACCESSORIES(EXCEPT Y SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



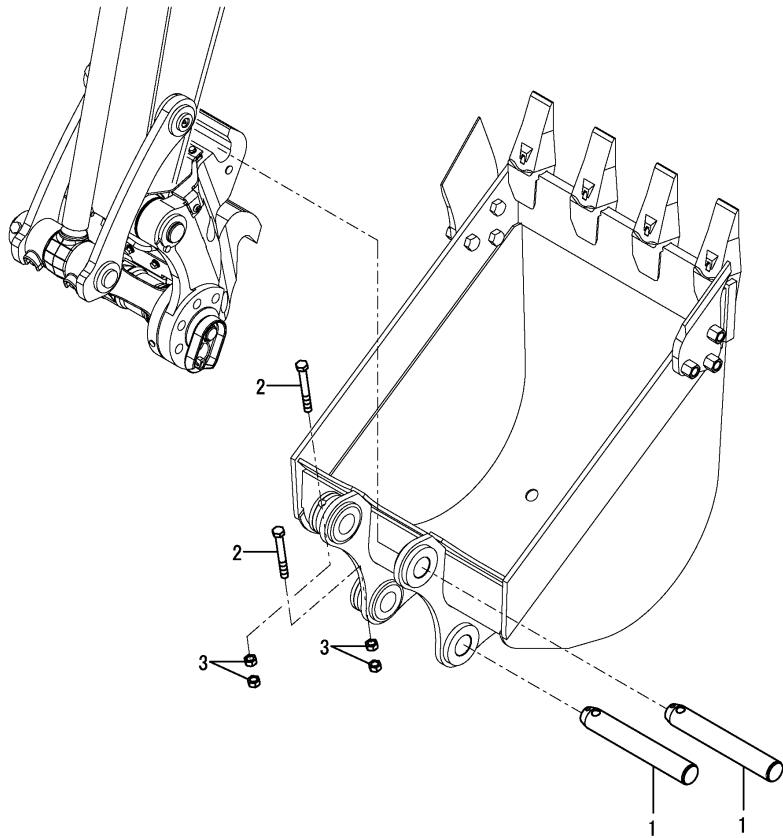
No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	1E3030-78370	CAP. SCREW		2							
2	1	172162-82360	O-RING		2							
3	1	172978-83320-Y	COVER, ARM		1							
4	1	26013-080162	BOLT, M8X 16		4							
5	1	172B11-62250	SPONGE, T60		1							
6	1	172958-78120	HOSE		2							

Remarks
 * This figure is not applied quick coupler specification made by YANMAR.

Fig.140. BUCKET PIN

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-81400	PIN 50X301		2		2				
2	1	26076-161302	BOLT, 10.916X130		2		2				
3	1	26716-160002	NUT, M16		4		4				

Fig.160. (140A)BUCKET(750Q)(QUICK COUPLER SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

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

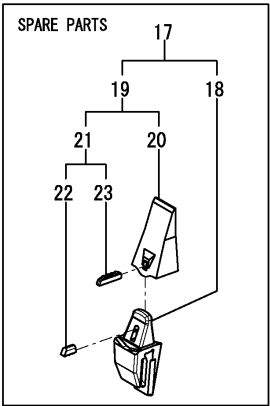
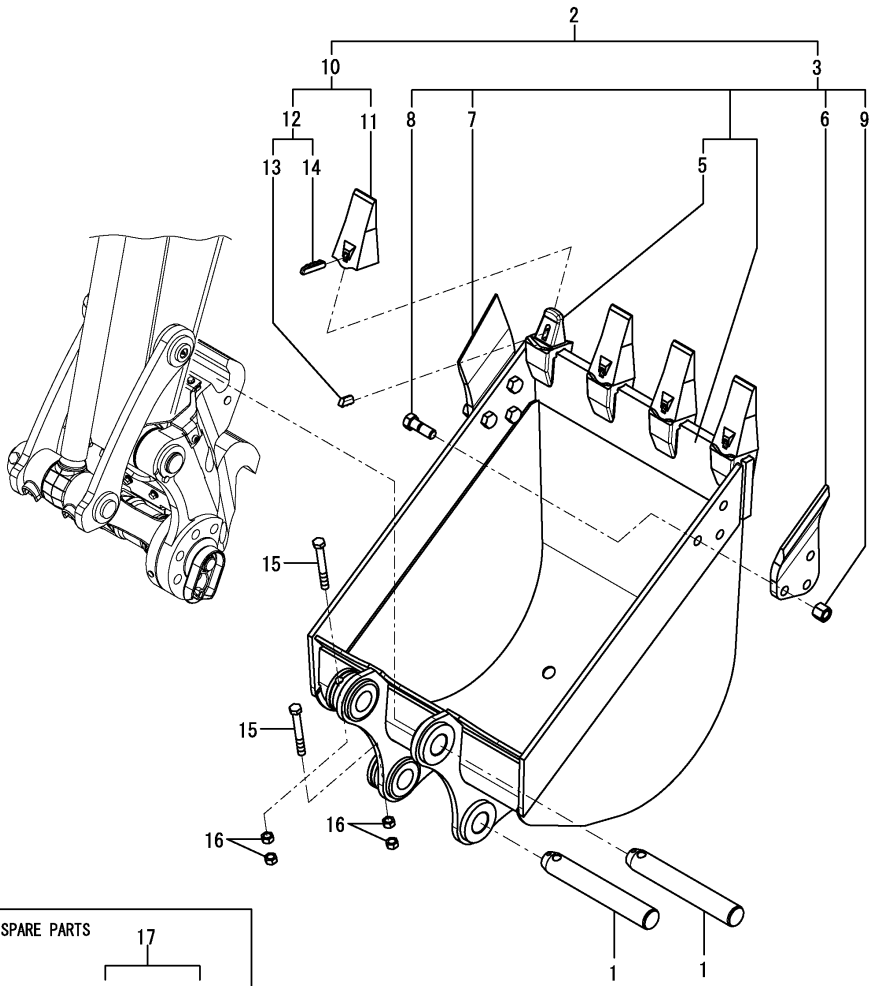
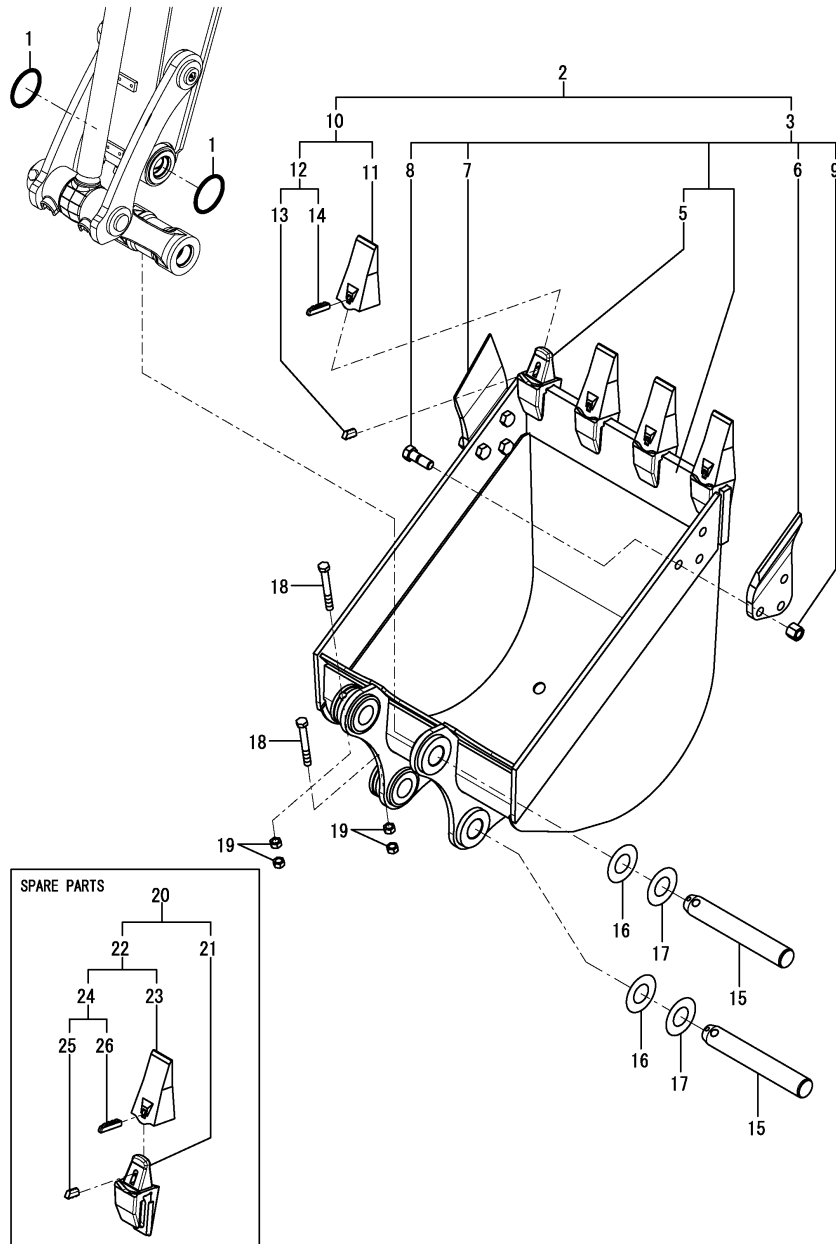


Fig.164. (140B)BUCKET(750)(WITHOUT QUICK COUPLER SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-82360	O-RING	2							
2	1	172455-82490-2	BUCKET ASSY, 750S	1							
3	2	172455-82610-2	BUCKET ASSY, 750S	1							
5	4	172455-82671	ADAPTER	4							
6	3	172455-82650-2	CUTTER, SIDE	1							
7	3	172455-82660-2	CUTTER, SIDE	1							
8	3	172455-82710	BOLT	6							
9	3	172455-82720	NUT	6							
10	2	172455-82760	TOOTH, POINT	4							
11	3	172455-82681	TOOTH, POINT	4							
12	3	172455-82770	PIN SET, RUBBER	4							
13	4	172455-82691	PIN, RUBBER	4							
14	4	172455-82701	PIN, LOCK	4							
15	1	172455-83340	PIN	2							
16	1	172162-83540	SHIM	2							
17	1	172162-83550	SHIM	2							
18	1	26076-161302	BOLT, 10.916X130	2							
19	1	26716-160002	NUT, M16	4							
20	1	172455-82750	TOOTH ASSY	1							1
21	2	172455-82671	ADAPTER	1							
22	2	172455-82760	TOOTH, POINT	1							
23	3	172455-82681	TOOTH, POINT	1							
24	3	172455-82770	PIN SET, RUBBER	1							
25	4	172455-82691	PIN, RUBBER	1							
26	4	172455-82701	PIN, LOCK	1							

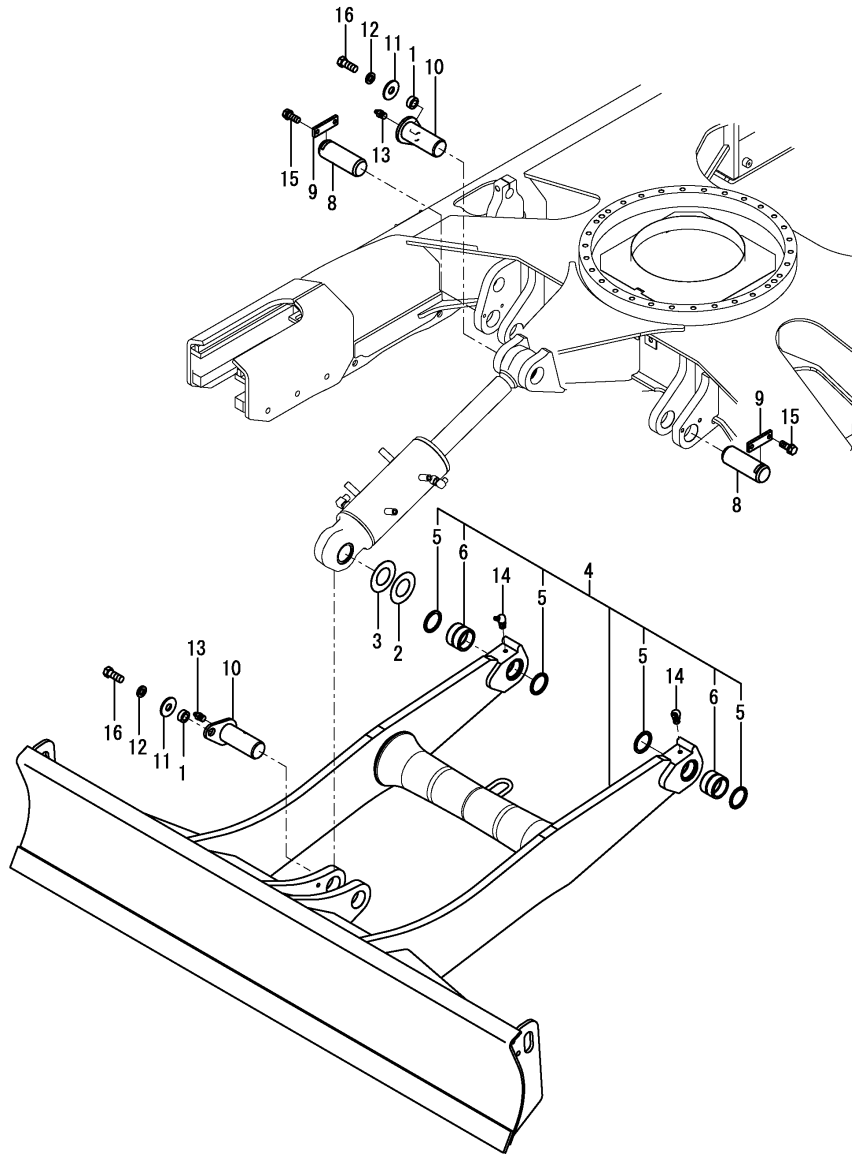
Remarks

(1)Spare parts.

Fig.141. BLADE

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

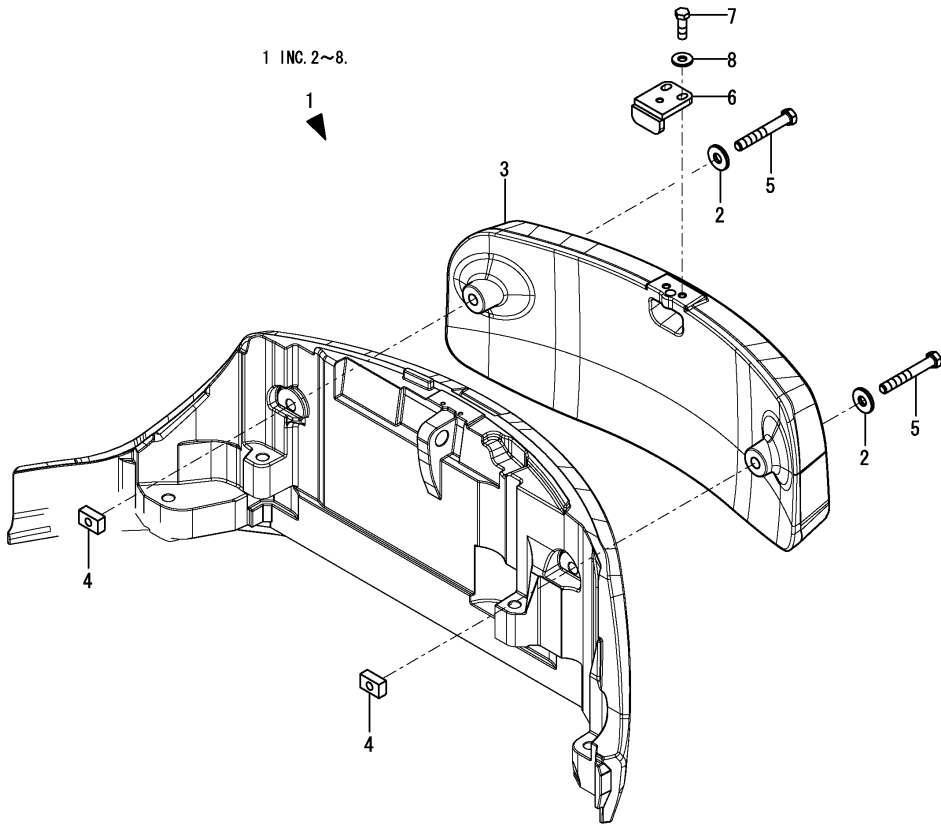


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2	2				
2	1	172175-81700	SHIM	1	1	1	1				
3	1	172175-81710	SHIM	1	1	1	1				
4	1	172A89-94100	BLADE ASSY (49)	1	1	1	1				
5	2	172020-10620	SEAL, DUST	4	4	4	4				
6	2	172162-81060	BUSH	2	2	2	2				
8	1	172162-94270	PIN	2	2	2	2				
9	1	172162-94280-3	PLATE, LOCK	2	2	2	2				
10	1	172187-94300	PIN ASSY	2	2	2	2				
11	1	22157-140000	WASHER, 14	2	2	2	2				
12	1	22217-140000	WASHER, SPRING 14	2	2	2	2				
13	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
14	1	24761-040000	NIPPLE, GREASE B	2	2	2	2				
15	1	26013-120302	BOLT, M12X 30	4	4	4	4				
16	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2	2				

Fig.142. ADDITIONAL WEIGHT(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

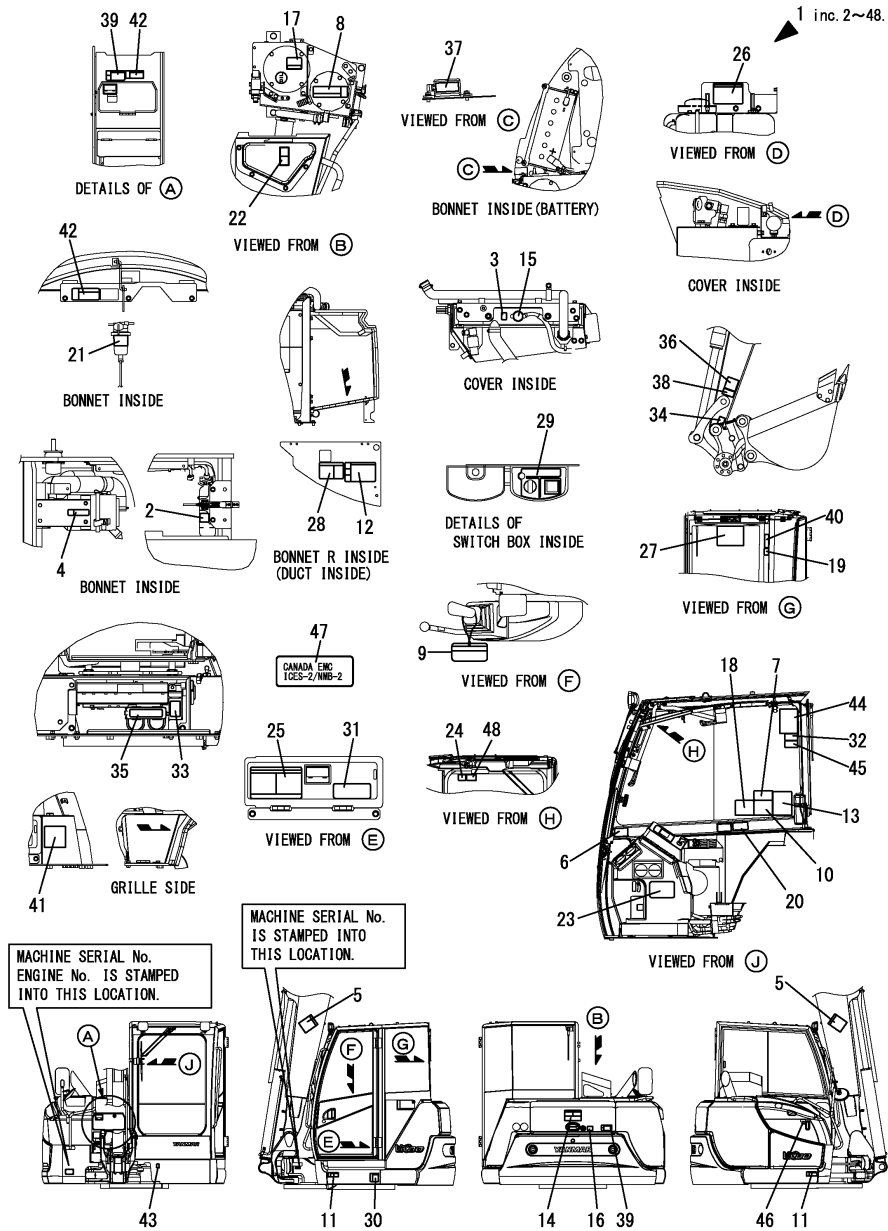


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-08900	WEIGHT SET	1	1	1	1				
2	2	172187-53321	WASHER	2	2	2	2				
3	2	172A89-53320	WEIGHT, ADD	1	1	1	1				
4	2	172A46-53360	NUT	2	2	2	2				
5	2	172A48-53371	BOLT	2	2	2	2				
6	2	172A48-53380	BRACKET ASSY, WEIGHT	1	1	1	1				
7	2	26116-160502	BOLT, M16X 50 PLATED	2	2	2	2				
8	2	933147-08501	WASHER	2	2	2	2				

Fig.153. LABEL(OPTIONAL)(CA)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Q'ty	I	R
1	1	172B11-03050	LABEL KIT,CA	1								
2	2	172A37-03150	LABEL,SUB-TANK CA	1								
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1								
4	2	172A37-03180	LABEL J, AIR CLEANER	1								
5	2	172A37-03200	LABEL,BOOM CA	2								
6	2	172A37-03231	LABEL,MANUAL CA.	1								
7	2	172A37-03241	LABEL,SLOPE CA.	1								
8	2	172A37-03250	LABEL,RESERVOIR CA	1								
9	2	172469-03261	TAG ASSY, SERVICING	1								
10	2	172A37-03271	LABEL,TRANSPORT CA.	1								
11	2	172A37-03280	LABEL,GREASE CYL CA	2								
12	2	172A37-03290	LABEL,BATTERY CA	1								
13	2	172A37-03300	LABEL,NEWTRAL CA	1								
14	2	172A37-03310	LABEL,SWING AREA CA	1								
14-1	2	172A64-03390	LABEL, SWING AREA CA	1								N
(A=M1F001)												
15	2	172469-03320	LABEL,RADIATOR CAP	1								
16	2	172A37-03330	LABEL,ENGINE COVER	2								
17	2	172469-03360	LABEL,OIL	1								
18	2	172A37-03360	LABEL,STERRING CA	1								
19	2	172A37-03370	LABEL,ROPS CA	1								
20	2	172A37-03400	LABEL,LEVER LOCK CA	1								
21	2	172A07-03410	LABEL,WATER DRAIN	1								
22	2	172A37-03410	LABEL,RADIATOR CA	1								
23	2	172A89-03410	LABEL,OIL & WATER CA	1								
24	2	172A37-03420	LABEL,WINDOW CA	1								
25	2	172A37-03430	LABEL,2 WAY CA	1								
26	2	172A69-03430	LABEL,GREASING CA	1								
27	2	172A89-03440	LABEL,LIFT Q CA	1								
27-1	2	172A89-03441	LABEL,LIFT Q CA	1								N
(A=*2013.12)												
28	2	172A69-03450	LABEL,BATTERY COVER	1								
29	2	172469-03480	LABEL,SWITCH	1								
30	2	172A37-03500	LABEL,SUPPORT CA	1								
31	2	172B11-03500	LABEL, SPEC CA	1								
32	2	172A37-03520	LABEL,PIN CA	1								
33	2	172B11-03520	LABEL,FUSE BOX CA	1								
34	2	172A37-03530	LABEL,FINGER CA	1								
35	2	172B11-03530	LABEL,RELAY BOX CA	1								
36	2	172469-03540	LABEL,OPERATION PIN	1								
37	2	172B11-03570	LABEL,LF CA	1								
38	2	172A37-03680	LABEL,LOCK PIN CA	1								
39	2	172A37-03710	LABEL,ENGROOM CA	2								
40	2	172A37-03720	LABEL,SEAT BELT CA	1								
41	2	172478-03330	LABEL,ADJUST CRAWLER	1								
42	2	172B03-04530	LABEL,SILENCER CA	2								
43	2	172B03-04580	LABEL, GREASE CA	1								
44	2	172B03-04600	LABEL,WARNING HITCH	1								
45	2	172B03-04610	LABEL,SAND CA	1								
46	2	129942-07761	LABEL, FUEL OIL CAUT	1								
47	2	172B03-03230	LABEL,EMC	1								W

Remarks

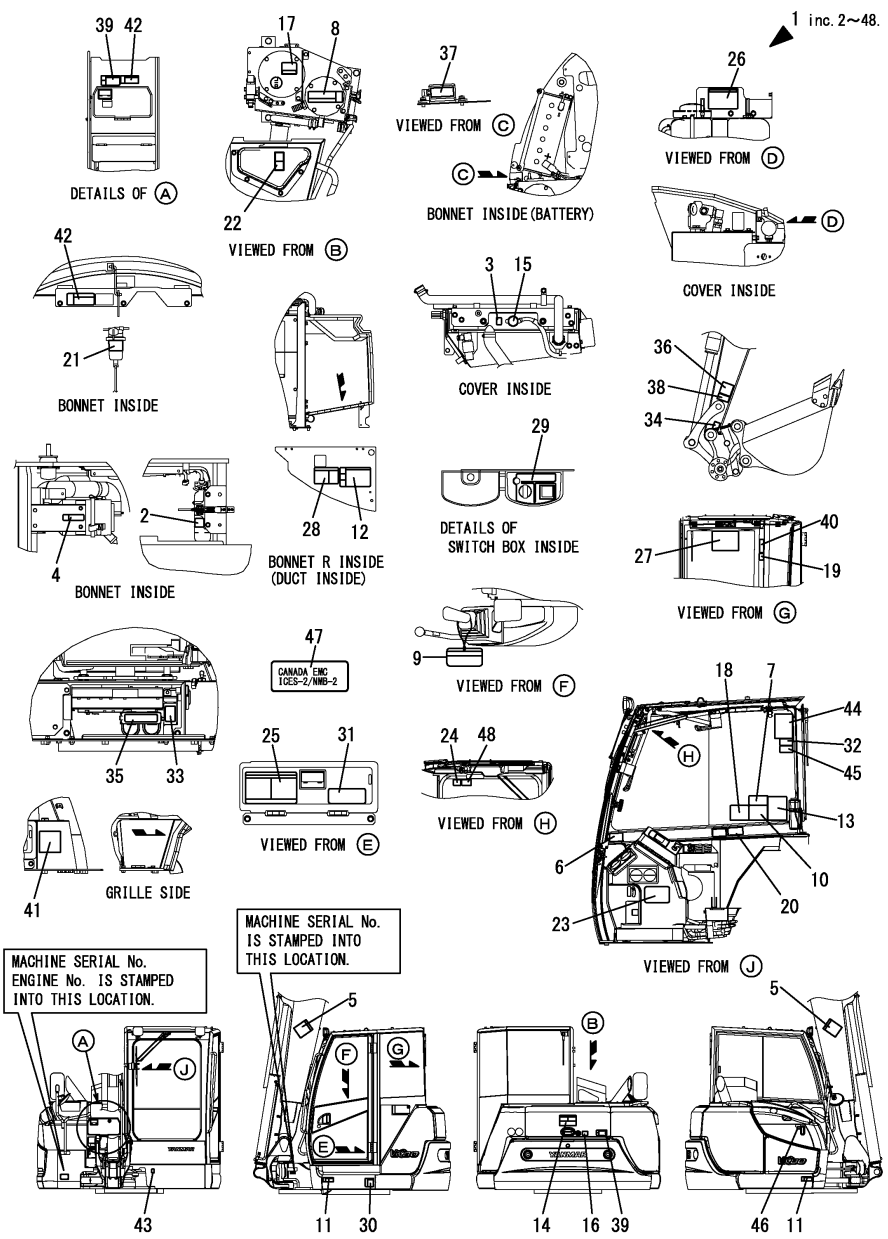
* The label except mention is the same as US specification.

Fig.153. LABEL(OPTIONAL)(CA)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	172B11-03960	LABEL,PINCH CA	1							W

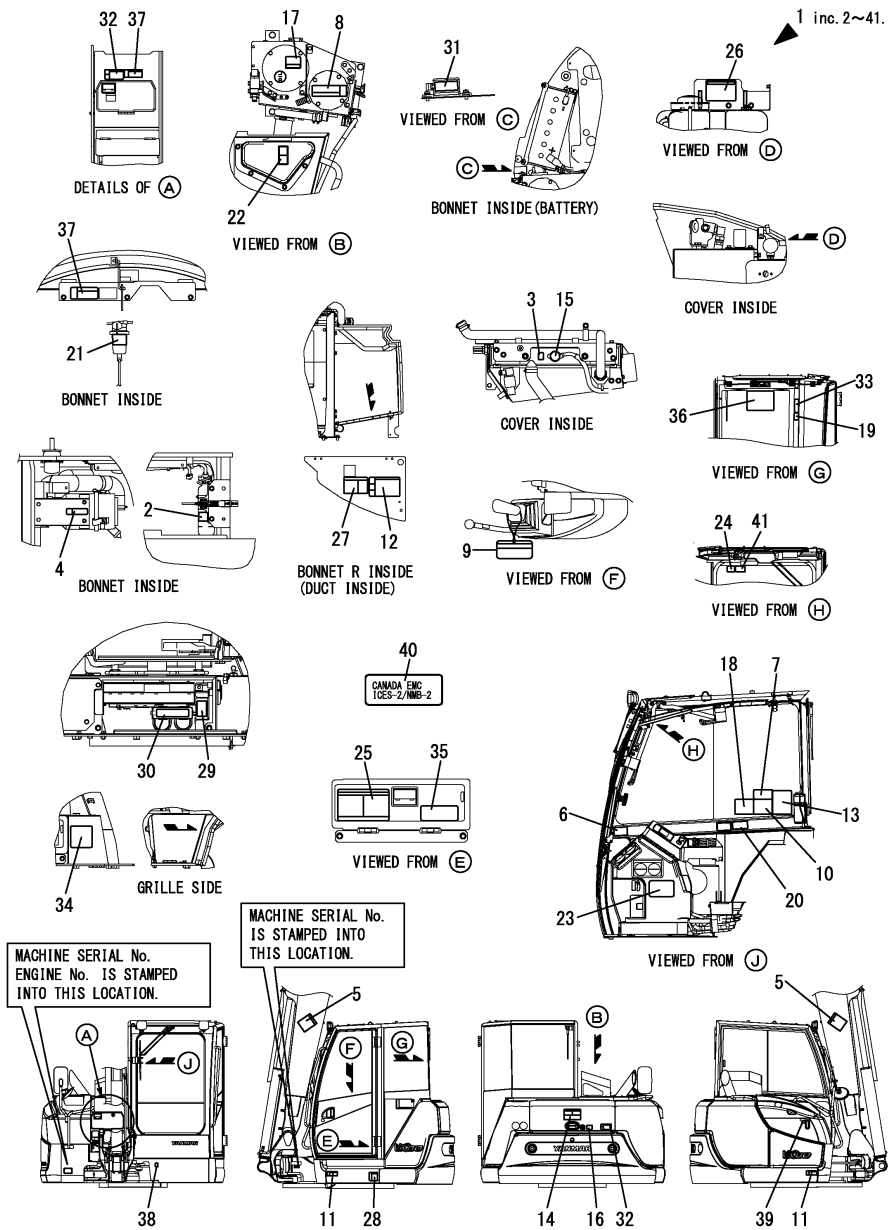


Remarks
 * The label except mention is the same as US specification.

Fig.163. (153A)LABEL(OPTIONAL)(CA)(WITHOUT QUICK COUPLER SPEC.)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-03060	LABEL KIT,CA	1							
2	2	172A37-03150	LABEL,SUB-TANK CA	1							
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1							
4	2	172A37-03180	LABEL J, AIR CLEANER	1							
5	2	172A37-03200	LABEL,BOOM CA	2							
6	2	172A37-03231	LABEL,MANUAL CA.	1							
7	2	172A37-03241	LABEL,SLOPE CA.	1							
8	2	172A37-03250	LABEL,RESERVOIR CA	1							
9	2	172469-03261	TAG ASSY, SERVICING	1							
10	2	172A37-03271	LABEL,TRANSPORT CA.	1							
11	2	172A37-03280	LABEL,GREASE CYL CA	2							
12	2	172A37-03290	LABEL,BATTERY CA	1							
13	2	172A37-03300	LABEL,NEWTRAL CA	1							
14	2	172A37-03310	LABEL,SWING AREA CA	1							
14-1	2	172A64-03390	LABEL, SWING AREA CA	1							N
			(A=M1F001)								
15	2	172469-03320	LABEL,RADIATOR CAP	1							
16	2	172A37-03330	LABEL,ENGINE COVER	2							
17	2	172469-03360	LABEL,OIL	1							
18	2	172A37-03360	LABEL,STERRING CA	1							
19	2	172A37-03370	LABEL,ROPS CA	1							
20	2	172A37-03400	LABEL,LEVER LOCK CA	1							
21	2	172A07-03410	LABEL,WATER DRAIN	1							
22	2	172A37-03410	LABEL,RADIATOR CA	1							
23	2	172A89-03410	LABEL,OIL & WATER CA	1							
24	2	172A37-03420	LABEL,WINDOW CA	1							
25	2	172A37-03430	LABEL,2 WAY CA	1							
26	2	172A69-03430	LABEL,GREASING CA	1							
27	2	172A69-03450	LABEL,BATTERY COVER	1							
28	2	172A37-03500	LABEL,SUPPORT CA	1							
29	2	172B11-03520	LABEL,FUSE BOX CA	1							
30	2	172B11-03530	LABEL,RELAY BOX CA	1							
31	2	172B11-03570	LABEL,LF CA	1							
32	2	172A37-03710	LABEL,ENGROOM CA	2							
33	2	172A37-03720	LABEL,SEAT BELT CA	1							
34	2	172478-03330	LABEL,ADJUST CRAWLER	1							
35	2	172B11-03800	LABEL, SPEC CA	1							
35-1	2	172B11-03500	LABEL, SPEC CA	1							N
			(A=*2016.10.)								
36	2	172B11-03810	LABEL, LIFT CA	1							
37	2	172B03-04530	LABEL,SILENCER CA	2							
38	2	172B03-04580	LABEL, GREASE CA	1							
39	2	129942-07761	LABEL, FUEL OIL CAUT	1							
40	2	172B03-03230	LABEL,EMC	1							W
			(A=*2016.10.)								
41	2	172B11-03960	LABEL,PINCH CA	1							W
			(A=*2016.09.)								

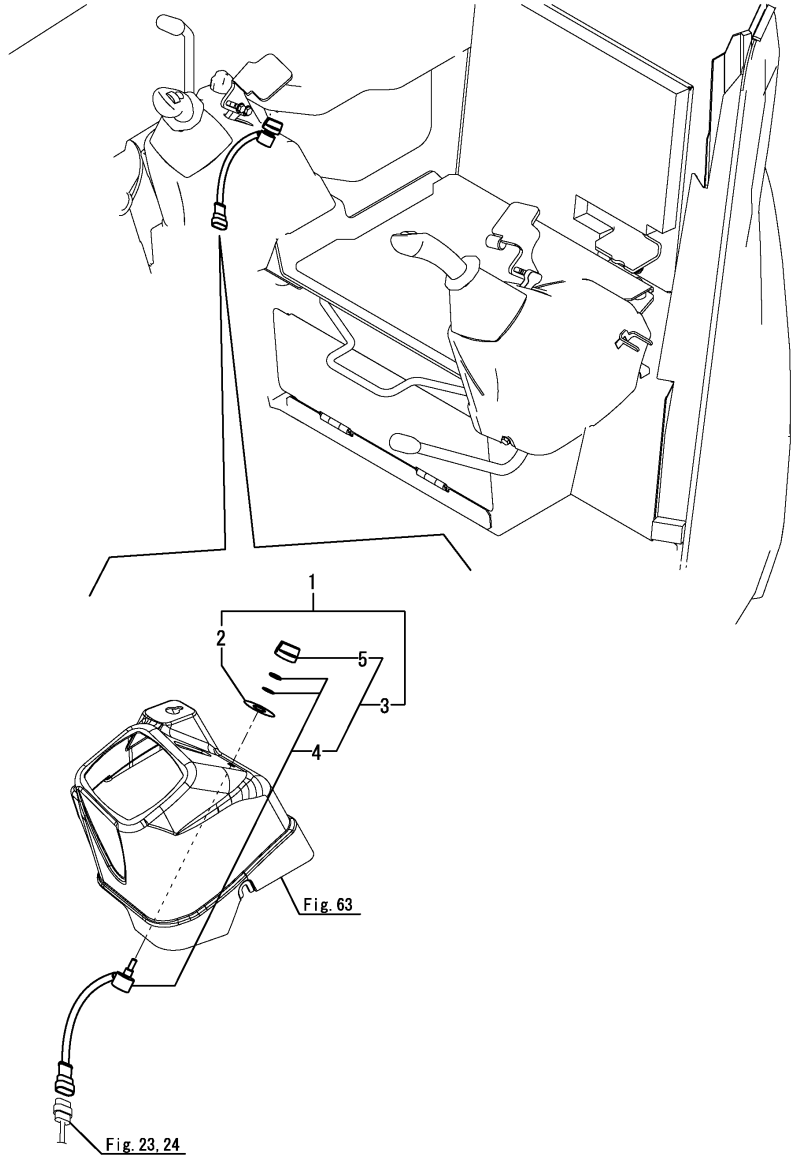
Remarks

* The label except mention is the same as US specification.

Fig.165. DIAL KIT FOR P.T.O. FLOW RATE ADJUSTMENT(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

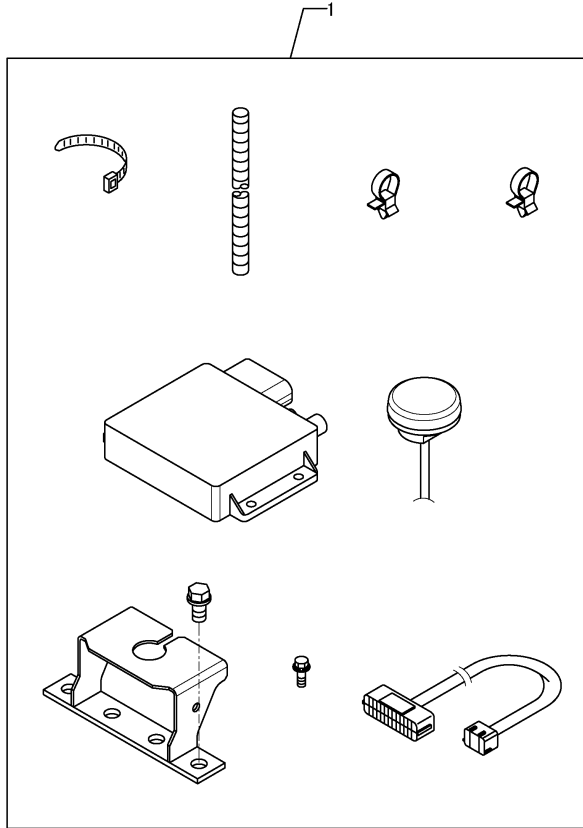


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08310	SENSOR KIT	1	1	1	1				
2	2	172B11-03420	LABEL,PROPORTIONAL	1	1	1	1				
3	2	172B11-17251	SENSOR ASSY, VOLUME	1	1	1	1				
4	3	172B11-17261	SENSOR, VOLUME	1	1	1	1				
5	3	172B11-17301	KNOB ASSY	1	1	1	1				

Fig.167. REMOTE CONTROLLER KIT(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08320	CONTROLLER KIT,RM			1	1				1
1-1	1	172B11-08330	CONTROLLER KIT,RM (C=M1F223) (D=*2018.02)			1	1				N 1

Remarks

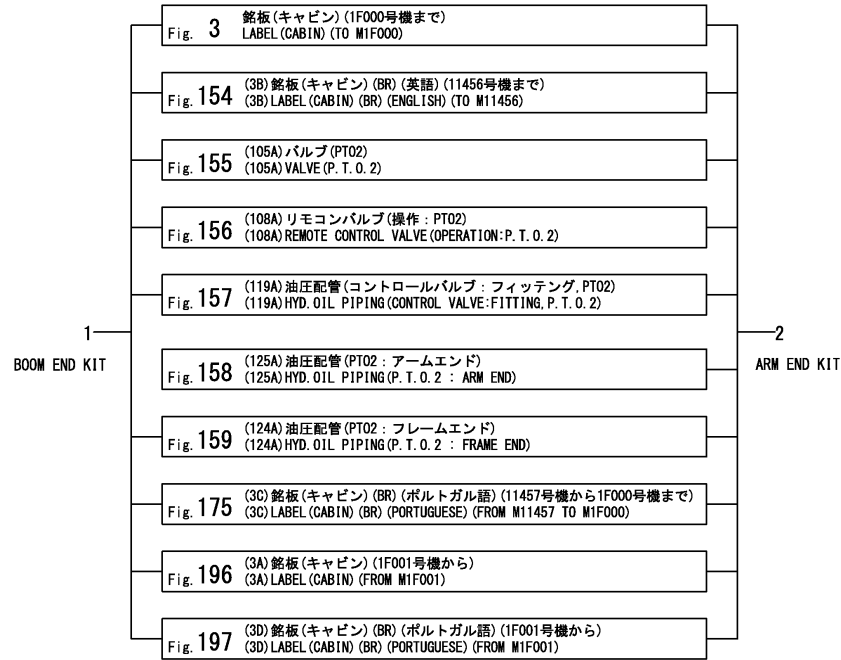
(1)Before installing, always set the unique information at an authorized dealer.
 Carrier registration is required when replacing this part.
 For more information, contact the service department of the dealer you purchased from.
 Registration is required when replacing this part.
 For more information, contact the service department of the dealer you purchased from.

Fig.168. P.T.O. 2 KIT(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08700	PTO KIT,BOOM END 2	1	1	1	1			1	
2	1	172B11-08710	PTO KIT,ARM END 2	1	1	1	1			1	



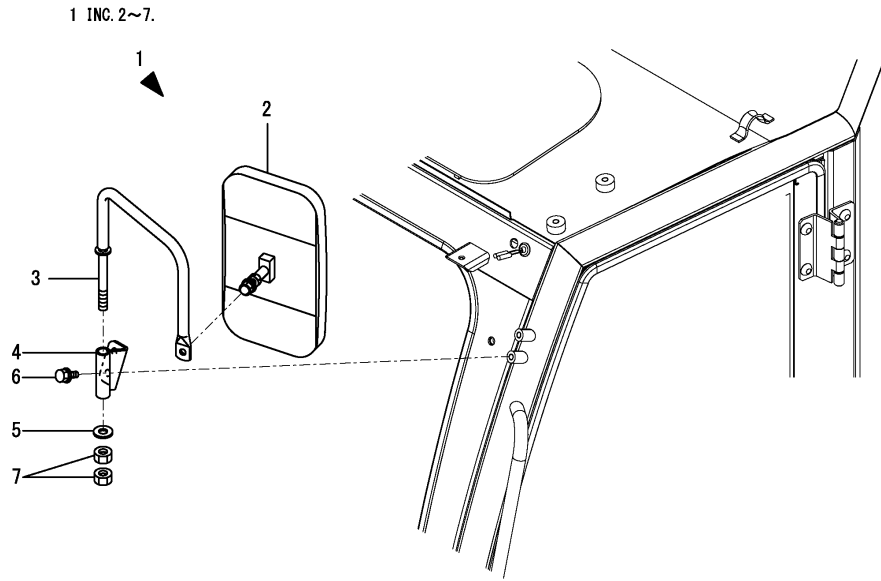
Remarks

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

Fig.178. SIDE MIRROR(LEFT)(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=

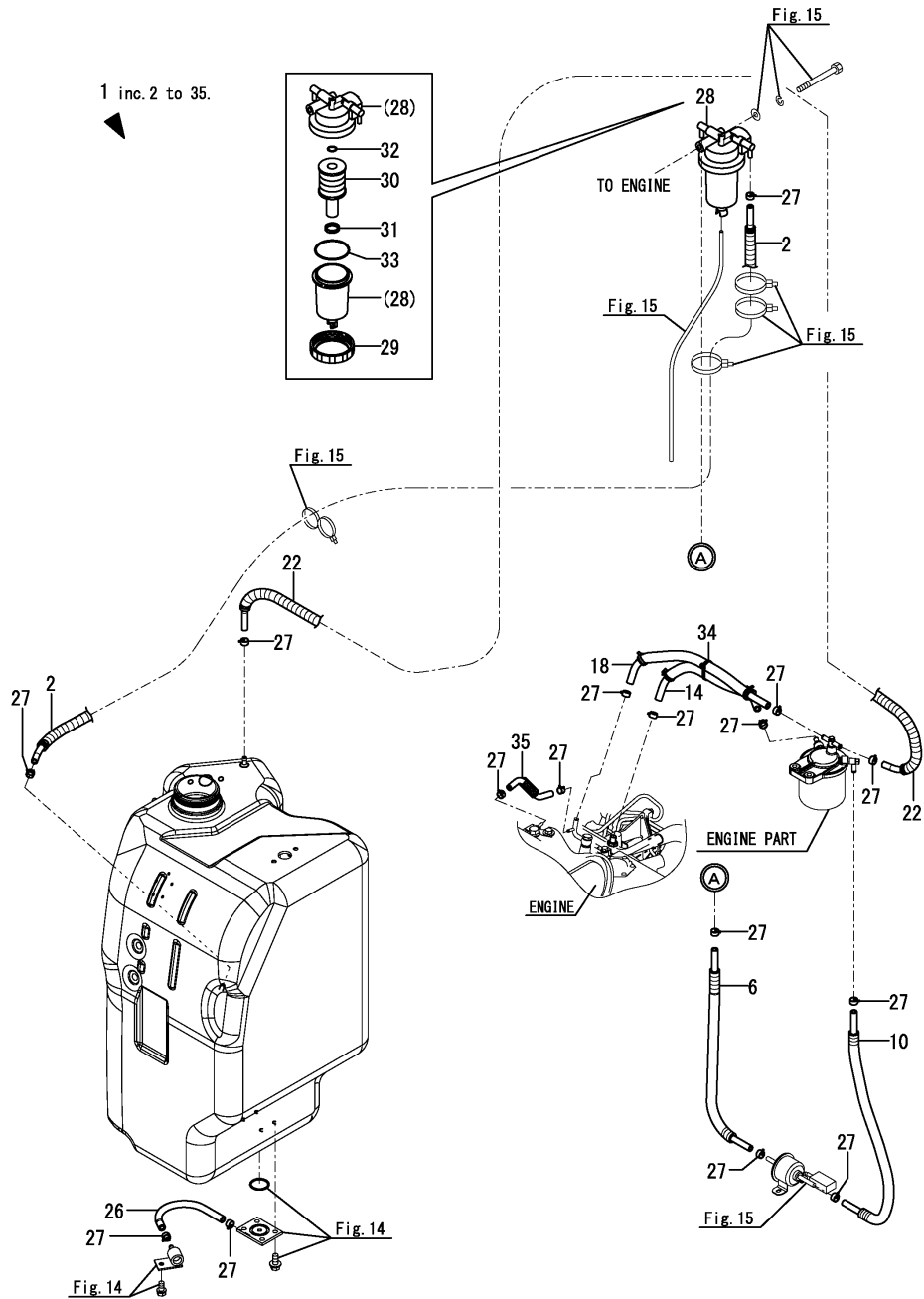


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B12-06700	MIRROR KIT, SIDE L	1	1	1	1				
2	2	1W3855-50160	MIRROR ASSY, BACK	1	1	1	1				
3	2	172B12-68500	STAY ASSY, MIRROR L	1	1	1	1				
4	2	172B12-68550	BRACKET ASSY, MIRROR	1	1	1	1				
5	2	22137-140000	WASHER, 14	1	1	1	1				
6	2	26014-100202	BOLT, M10X 20	2	2	2	2				
7	2	26736-140002	NUT, M14	2	2	2	2				

Fig.205. FUEL KIT(BIO DIESEL)(OPTIONAL)

(A)=VIO80-1(US)
 (B)=VIO80-1(AS)
 (C)=VIO80-1(NZ)

(D)=VIO80-1(BR)
 (E)=
 (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-08870	FUEL KIT,BIO				1				
2	2	172B11-14110	HOSE ASSY, 2400				1				
6	2	172B11-14140	HOSE ASSY, 500				1				
10	2	172B11-14170	HOSE ASSY, 550				1				
14	2	172B11-14200	HOSE ASSY, 270				1				
18	2	172B11-14230	HOSE ASSY, 350				1				
22	2	172B11-14260	HOSE ASSY, 2080				1				
26	2	172B11-14600	HOSE, FO 210				1				
27	2	106990-44660	CLAMP, HOSE 12.5				16				
28	2	129530-55700	SEPARATOR ASSY,WATER				1				
29	3	129100-55690	NUT, RETAINING				1				
30	3	119802-55710	ELEMENT, FUEL				1				
31	3	184016-55710	FLOAT				1				
32	3	24316-000160	O-RING, 4DP16.0				1				
33	3	24326-000650	O-RING, 4DG65.0				1				
34	2	194202-56460	BAND, BINDING 200				1				
35	2	129939-59501	PIPE ASSY, FO RETURN				1				

Parts No. Index

Parts No.	Fig. No.	Ref. No.	
106990-44660	14	29	
		30 -1	
	205	27	
		206	
		32	
		33	
		34	
		35	
		36	
	37		
114110-07761	1	16	
	194	16	
119140-12680	7	5	
	8	7	
119160-12530	7	2	
	8	2	
119160-12540	7	3	
	8	3	
119160-12560	7	4	
	8	4	
119160-12570	8	5	
119802-55710	15	28	
	205	30	
	206	42	
121250-49121	11	3	
121256-44600-3	13	8	
121450-44531	13	3	
121470-44581	13	5	
124450-44550	13	7	
124450-44560	13	4	
	11	32	
124766-59050	14	30	
		34	
	15	35	
		36	
		37	
		38	
		39	
		40	
	128300-77920	143	22
		169	22
129100-55690	15	27	
	205	29	
	206	41	
129107-44590	11	8	
129466-96240	35	25	
129530-55700	205	28	
	206	40	
129612-12650	8	6	
129612-52100	15	24	
	206	38	
129927-44900	111	10	
129927-77900	23	30	
	24	30	

Parts No.	Fig. No.	Ref. No.	
129927-77910	23	31	
	24	31	
129939-59501	205	35	
129942-07761	153	46	
	163	39	
171064-44510	13	1	
172020-10620	141	5	
172110-76170	126	3	
	127	1	
	181	1	
172110-76170-5	181	1	
172112-16201	18	2	
	19	2	
172112-16650	10	12	
172112-74971	111	5	
172112-75770	111	7	
172112-75780	111	8	
172112-77361	83	37	
	113	23	
172112-77580	114	16	
	116	21	
	117	24	
	122	10	
	134	2	
	172113-74190	98	4
		100	26
	172116-74150	187	4
		189	26
		94	25
95		3	
96		3	
172122-17190		5	11
		97	3
		98	15
		99	19
		100	3
172122-37844	183	25	
	184	3	
	185	3	
	172122-55061	5	11
		7	6 A
		8	8 A
	172122-70260	89	24
		89	26
	172122-70410	89	28
	172122-70530	7	9
172122-79890	8	11	
	121	16	
172123-76121	103	24	
	105	1	
	106	10	
	107	1	
	108	20	
	109	34	
	110	21	
	113	18	
	116	3	
	118	4	
172124-17640	119	1	
	121	2	
	122	6	
	155	2	
	156	20	
	157	1	
	179	3	
	180	4	
	35	4	
	47	6	
172124-46200	139	2	
	71	18	
	83	2	
	89	43	
	2	14	
	7	6 A	
	8	8 A	
	158	9	
	20	1	
	23	1	
172124-65480	46	46	
	24	1	
	31	6	
	33	1	
	35	1	
	36	1	
	126	16	
	130	1	
	201	1	
	172125-03951	2	14
172125-76900-2	7	6 A	
	8	8 A	
	158	9	
	20	1	
	23	1	
	172126-11510	46	46
		24	1
		31	6
		33	1
		35	1
36		1	
126		16	
130		1	
201		1	
172126-16540		16	13

Parts No.	Fig. No.	Ref. No.
172126-16540	36	3
172137-13400	14	2
172137-14282	10	11
172137-16560	15	22
	16	15
172137-46042	29	2
	35	2
	3	3
	116	25
	128	1
	2	2
	133	1
	206	30
	10	13
	25	18
30	13	
172137-46210	32	29
	64	7
	76	7 -1
	158	22
	102	21
	116	2
	126	7
	127	2
	181	2
	30	2
29	5	
47	3	
87	2	
103	25	
104	27	
105	2	
107	2	
109	35	
112	20	
114	14	
118	8	
119	6	
155	3	
179	4	
180	5	
83	35	
112	25	
113	19	
116	17	
117	20	
121	6	
157	2	

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Parts No.	Fig. No.	Ref. No.
172141-76920	116	19
172142-62301	12	25
	56	20
172142-72260	87	3
172142-72951	87	19
172142-76240	124	10
172142-76940-Y	125	6
		7
	171	6
		7
172142-76950-N	112	27
	123	19
	179	9
172142-76950-Y	123	12
172146-78150	12	26
172147-70500	89	27
172147-76271	117	19
172148-70301	89	25
172151-71630	87	12
172151-74060	94	9
	95	5
	96	7
	97	5
		14
	98	2
		17
	99	3
		25
	100	5
		24
	101	7
		18
	183	9
	184	5
	185	7
	186	5
		14
	187	2
		17
	188	3
		25
	189	5
		24
	190	8
		27
172151-74320	94	12
	95	9
	96	28
	97	8
		18

Parts No.	Fig. No.	Ref. No.
172151-74320	98	7
		20
	99	6
		28
		100
		14
		28
	101	11
		21
		183
		12
		184
		9
		185
		28
		186
		8
		18
	187	7
		20
		188
		6
		28
	189	14
		28
	190	19
		30
172151-76050	81	4
	102	20
172151-76161	119	4
172151-76200	117	16
172155-11120	116	1
172155-45790	82	1
		136
		1
		137
		2
		141
		1
		172
		2
		202
		1
172156-65690	70	11
172156-76110	26	4
172157-58830	102	3
172157-76300	91	5
172162-14200	14	24
172162-15310	72	3
172162-17400	29	4
172162-37770	42	5
172162-37800	42	6
172162-37810	39	15
172162-57660	54	5
172162-61330	67	8
172162-61500	59	1
172162-61770	82	2
		202
		2
172162-62540	32	26
172162-70150	89	19
172162-70290	89	3

Parts No.	Fig. No.	Ref. No.
172162-70310	89	4
172162-70320	89	5
172162-70590	89	29
172162-70820	89	31
172162-72930	83	32
172162-72950	83	33
172162-73700	111	2
172162-76131	114	7
172162-76181	118	10
172162-76320	116	16
172162-81060	141	6
172162-81430	136	5
172162-82280	137	7
	172	13
172162-82350	137	8
	172	14
172162-82360	139	4
	164	1
	166	2
172162-83540	164	16
172162-83550	164	17
172162-83580	136	14
172162-83600	136	15
172162-83610	136	16
172162-94270	141	8
172162-94280-3	85	37
	141	9
	203	43
172164-16370	18	3
	19	3
172164-66800	12	23
172164-76330	118	20
172164-76700	118	21
172164-81670	137	9
	172	3
172165-13220	10	10
172165-47550	47	12
172165-47980	47	13
172165-47990	47	14
172165-76380	124	11
172165-76590	179	22
172165-82520	137	13
	138	11
	172	7
172165-82530	137	14
	138	12
	172	8
172168-54760	138	7
172168-76162	121	3
	122	7

Parts No.	Fig. No.	Ref. No.
172168-76170	120	1
172168-76370	120	4
172171-65820	72	7
172173-76102	102	23
	103	22
	106	8
	122	4
172175-72480	87	4
172175-74220	94	11
	95	8
	96	27
	97	16
	98	5
		19
	99	5
		27
	100	9
		27
	101	9
		20
	183	11
	184	8
	185	27
	186	16
	187	5
		19
	188	5
		27
	189	9
		27
	190	12
		29
172175-76590-Y	158	7
172175-78720	124	17
172175-81700	85	32
	137	10
	138	1
	141	2
	172	4
	203	38
172175-81710	85	33
	137	11
	138	2
	141	3
	172	5
	203	39
172176-07330	5	1
172176-67150	56	25
172176-68210	63	7
172176-76210	117	18

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Parts No.	Fig. No.	Ref. No.
172176-76582-Y	125	4
	171	4
172176-81700	82	36
	202	44
172176-81710	82	37
	202	45
172183-03280	3	12
	154	9
	162	12
	175	7
	196	12
	197	7
	198	12
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