

0CK50-M01330EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI082 for Australia.
(M/# 00501~)

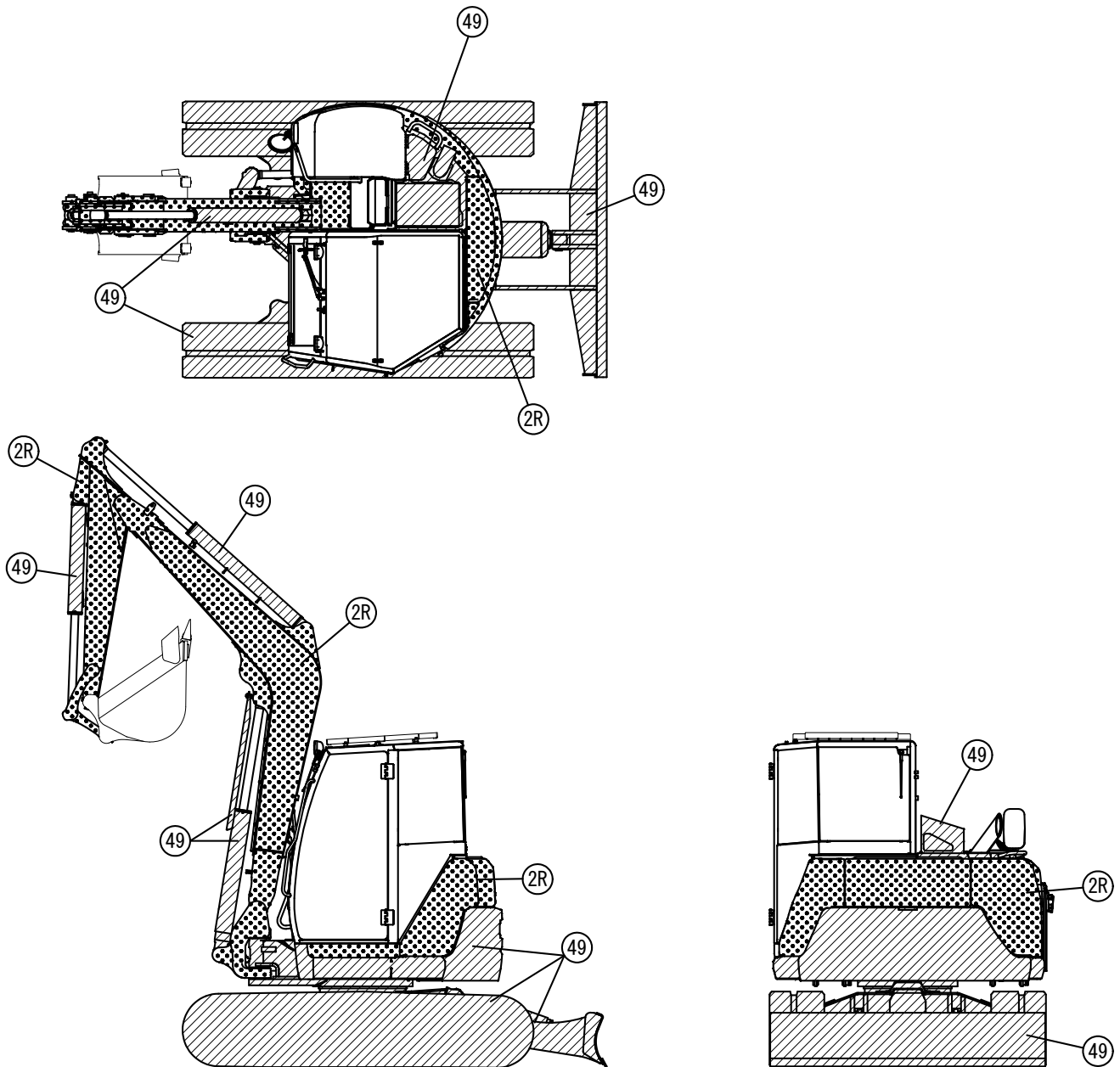
2. Parts catalog history



		Model	Published	Remarks
1st edition	Vehicle	VI082 (AS)	Oct. , 2017	
	Engine	4TNV98C-WBV1		

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-91390001	TOR-94800491

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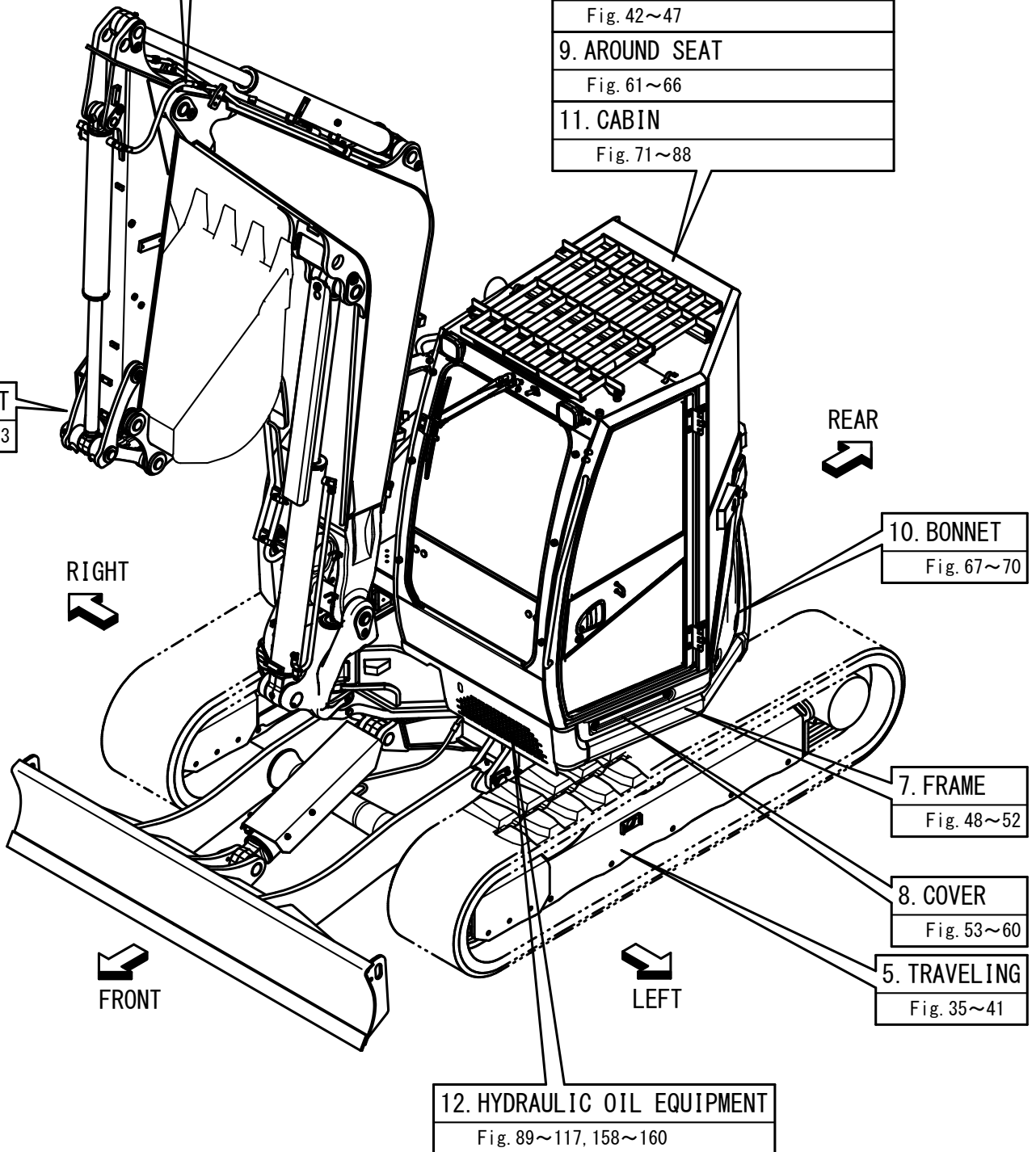
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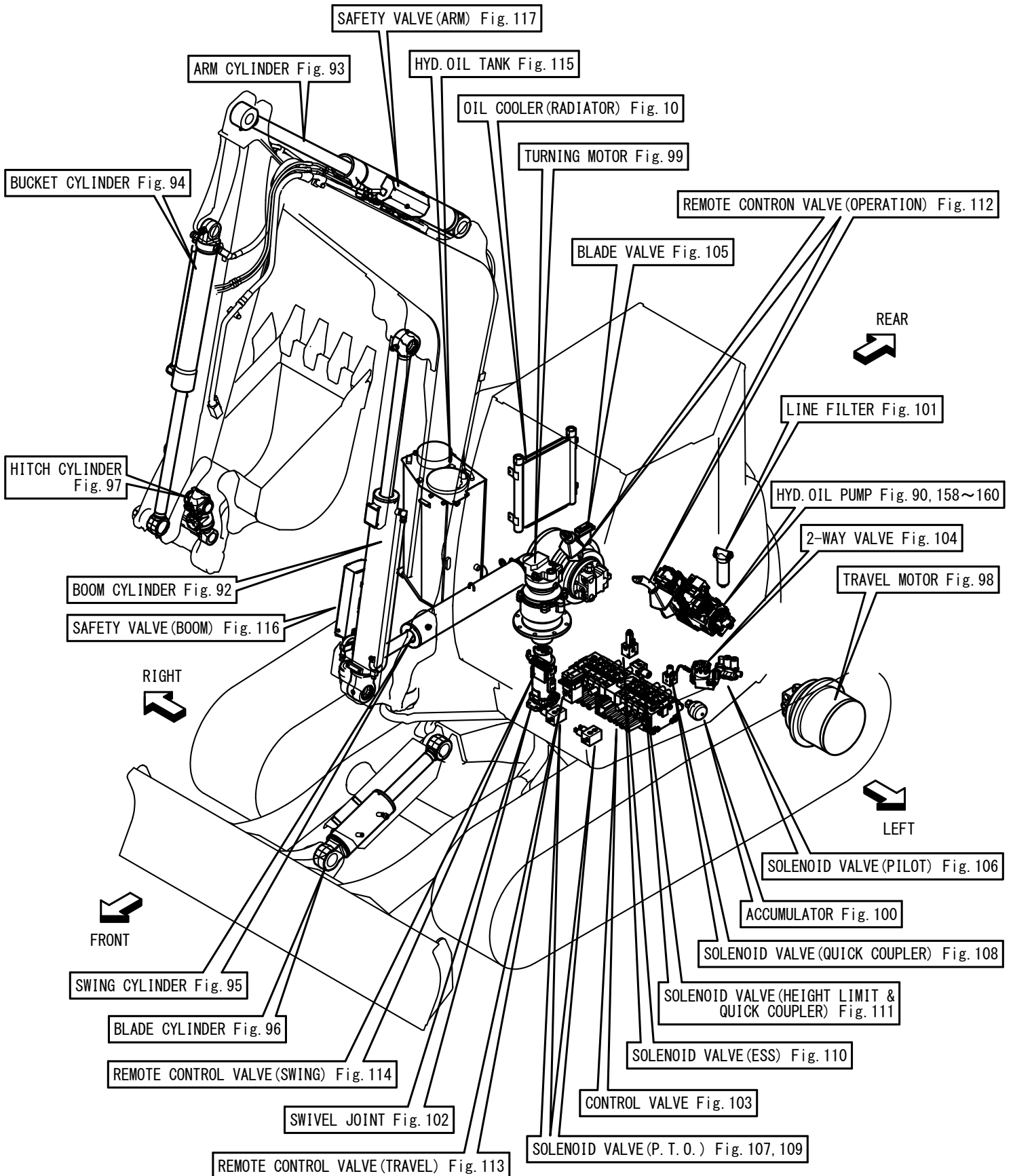
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- 52. TURNING BEARING

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- 54. TAIL COVER
- 55. CENTER COVER
- 56. COVER(SEAT MOUNT)
- 57. COVER(TRAVEL FRAME)
- 58. COVER(TURNING FRAME)
- 59. FRAME GUARD(LEFT)
- 60. FRAME GUARD(RIGHT)

Fig. No. Fig. Name

AROUND SEAT

- 61. FLOOR MAT
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- 65. SEAT SLIDE
- 66. SEAT

BONNET

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- 69. BONNET(LEFT)
- 70. BONNET(RIGHT)

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- 72. CABIN MOUNT(ANTIVIBRATION MOUNT)
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- 74. CABIN(ACCESSORY)(1)
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- 90. HYDRAULIC PUMP
- 158. (90A)HYDRAULIC PUMP(INNER PARTS)(1)
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- 91. CONTROL VALVE PLATE
- 92. BOOM CYLINDER
- 93. ARM CYLINDER
- 94. BUCKET CYLINDER
- 95. SWING CYLINDER
- 96. BLADE CYLINDER
- 97. HITCH CYLINDER
- 98. TRAVEL MOTOR
- 99. TURNING MOTOR

Fig. No. Fig. Name

- 100. ACCUMULATOR
- 101. LINE FILTER
- 102. SWIVEL JOINT
- 103. CONTROL VALVE
- 104. 2-WAY VALVE
- 105. BLADE VALVE
- 106. SOLENOID VALVE(PILOT)
- 107. SOLENOID VALVE(P.T.O.)
- 108. SOLENOID VALVE(QUICK COUPLER)
- 109. SOLENOID VALVE(P.T.O. 2)
- 110. SOLENOID VALVE(E.S.S.)
- 111. SOLENOID VALVE(HEIGHT LIMIT & QUICK COUPLER)
- 112. REMOTE CONTROL VALVE(OPERATION)
- 113. REMOTE CONTROL VALVE(TRAVEL)
- 114. REMOTE CONTROL VALVE(SWING)
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- 116. SAFETY VALVE(BOOM)
- 117. SAFETY VALVE(ARM)

HYDRAULIC OIL PIPING

- 118. PUMP & OIL COOLER(FITTING)
- 119. PUMP - CONTROL VALVE - OIL COOLER
- 120. TANK - PUMP & SWING CYLINDER
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- 122. CONTROL VALVE - TURNING MOTOR

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Fig. No. Fig. Name

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- 126. SCREW CAP
- 127. CONTROL VALVE - BOOM, TURNING MOTOR & TANK
- 128. CONTROL VALVE - SWIVEL JOINT
- 129. TRAVEL FRAME
- 130. BOOM
- 131. P.T.O.(FRAME END)
- 132. P.T.O.(ARM END)
- 133. P.T.O.2(FRAME END)
- 134. P.T.O.2(ARM END)
- 135. QUICK COUPLER
- 136. SAFETY VALVE
- 137. CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE)
- 138. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)
- 139. CONTROL PIPING(2-WAY VALVE - REMOTE CONTROL VALVE)
- 140. CONTROL PIPING(TRAVEL & SWING PEDAL)
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- 144. BOOM BRACKET
- 145. BOOM

Fig. No. Fig. Name

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- 147. BUCKET ARM & LINK
- 148. QUICK COUPLER
- 149. QUICK COUPLER ACCESSORIES(WITHOUT QUICK COUPLER BODY SPEC.)
- 150. BUCKET PIN
- 151. BUCKET PIN(WITHOUT QUICK COUPLER BODY SPEC.)
- 152. PLUG(IMPLEMENT)
- 153. BLADE

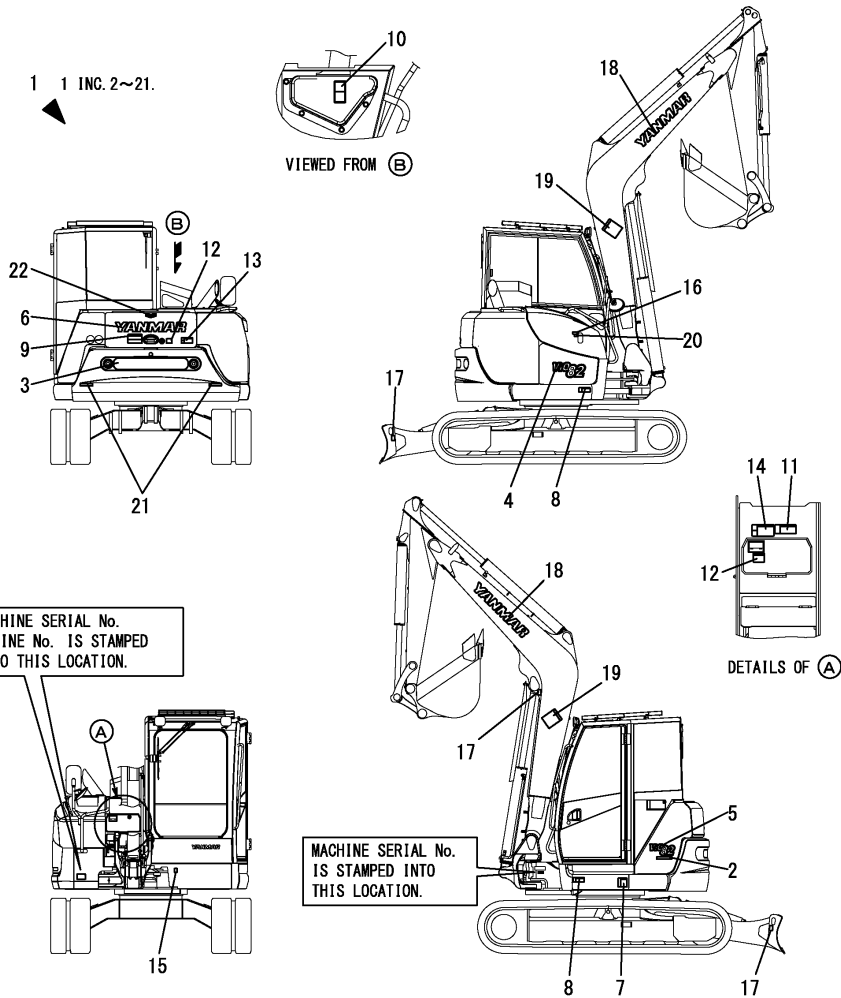
OPTIONAL & KIT

- 154. SIDE MIRROR(LEFT)(OPTIONAL)
- 155. ADDITIONAL WEIGHT KIT(OPTIONAL)
- 156. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)
- 157. GUARD KIT(CABIN)(FRONT)(OPTIONAL)

Fig.1. LABEL(EXTERIOR)

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08240	LABEL SET,OUT E 82	1							
2	2	172B36-03401	LABEL,VIPPS 2I	1							
3	2	172B11-03260	LABEL,WEIGHT	1							
4	2	172B36-03470	LABEL,MODEL VIO82 R	1							
5	2	172B36-03480	LABEL,MODEL VIO82 L	1							
6	2	172A86-03840	LABEL,YANMAR 800 B	1							
7	2	172472-03141	LABEL, SUPPORT	1							
8	2	172437-03352	LABEL, CYLINDER	2							
9	2	172A64-03380	LABEL,SWING AREA US	1							
10	2	172437-03391	LABEL, RADIATOR	1							
11	2	172B03-03390	LABEL,SILENCER EX	1							
12	2	172437-03402	LABEL, ENGINE COVER	2							
13	2	172A36-03411	LABEL, ENGINE ROOM	1							
14	2	172A36-03411	LABEL, ENGINE ROOM	1							
15	2	172B03-03460	LABEL, GREASE US	1							
16	2	172437-03501	LABEL, FUEL	1							
17	2	172437-03511	LABEL, HOOK	3							
18	2	172A86-03840	LABEL,YANMAR 800 B	2							
19	2	172187-03941	LABEL, BOOM US	2							
20	2	114110-07761	LABEL, FUEL OIL CAUT	1							
21	2	172B04-03980	LABEL, REFLECTOR M	2							
22	1	172B36-03100	EMBLEM ASSY,FY L5 Y	1							

SAFETY LABEL

7
WARNING
FALL HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

8
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

9
DANGER
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

10
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

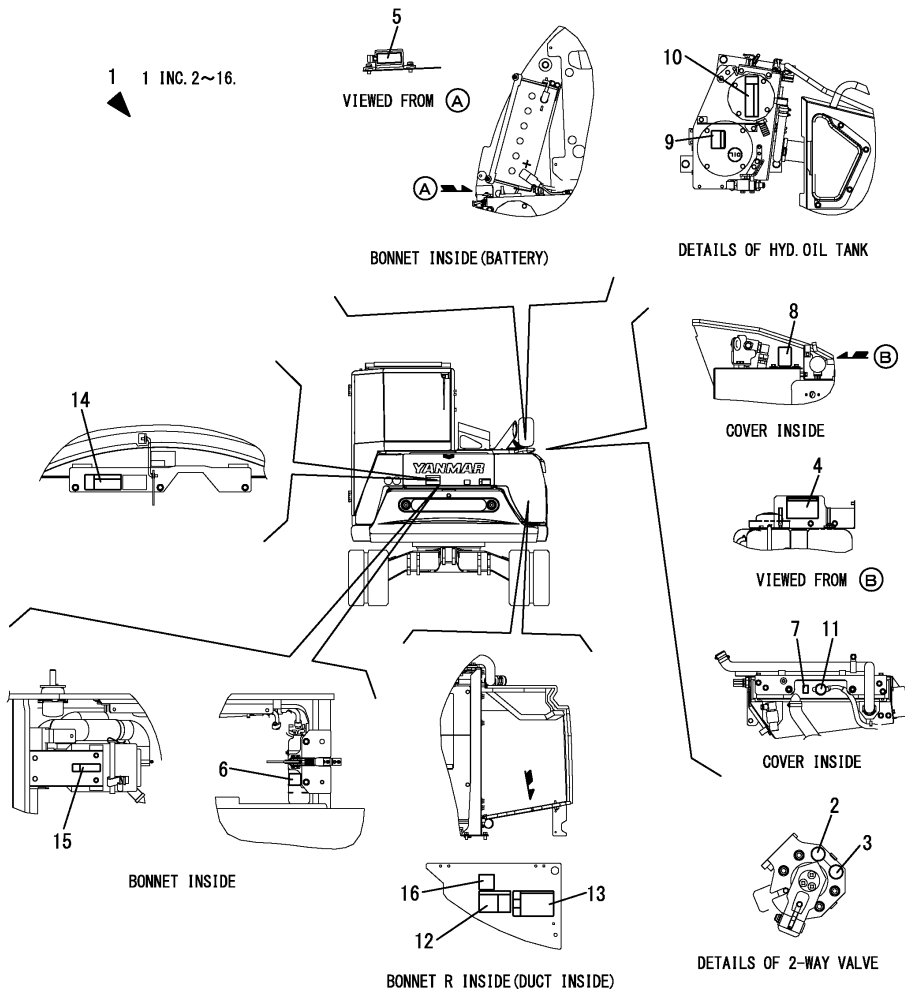
11
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

12
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

13, 14
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

19
WARNING
CRUSH HAZARD!
When working on the boom or dipper, use safety harness and fall arrest equipment. Failure to comply could result in death or serious injury.

Fig.2. LABEL(BONNET INSIDE)



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08220	LABEL SET,IN E	1							
2	2	172437-03610	LABEL	1							
3	2	172437-03620	LABEL	1							
4	2	172A69-03130	LABEL,GREASING US	1							
5	2	172B36-03170	LABEL, FUSE	1							
6	2	172A38-03201	LABEL, SUB TANK	1							
7	2	172A38-03211	LABEL, ANTI-FREEZING	1							
8	2	172A69-03270	LABEL,PTO SELECT	1							
9	2	172463-03290	LABEL, HYD.OIL	1							
10	2	172437-03322	LABEL, RESEVOIR	1							
11	2	172462-03320	LABEL, RADIATOR	1							
12	2	172A69-03350	LABEL,BATTERY COVER	1							
13	2	172437-03361	LABEL, BATTERY	1							
14	2	172B03-03390	LABEL,SILENCER EX	1							
15	2	172125-03951	LABEL, AIR CLEANER	1							
16	2	172B04-03590	LABEL,MINUS CABLE	1							

SAFETY LABEL

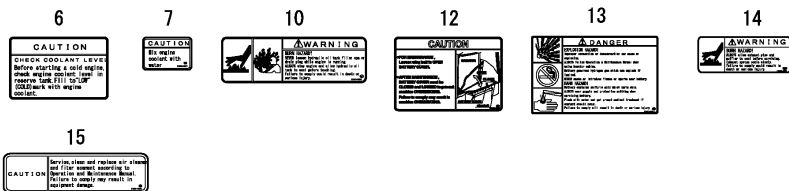


Fig.3. LABEL(CABIN)

(A)=VIO82 C(AS)

(B)=

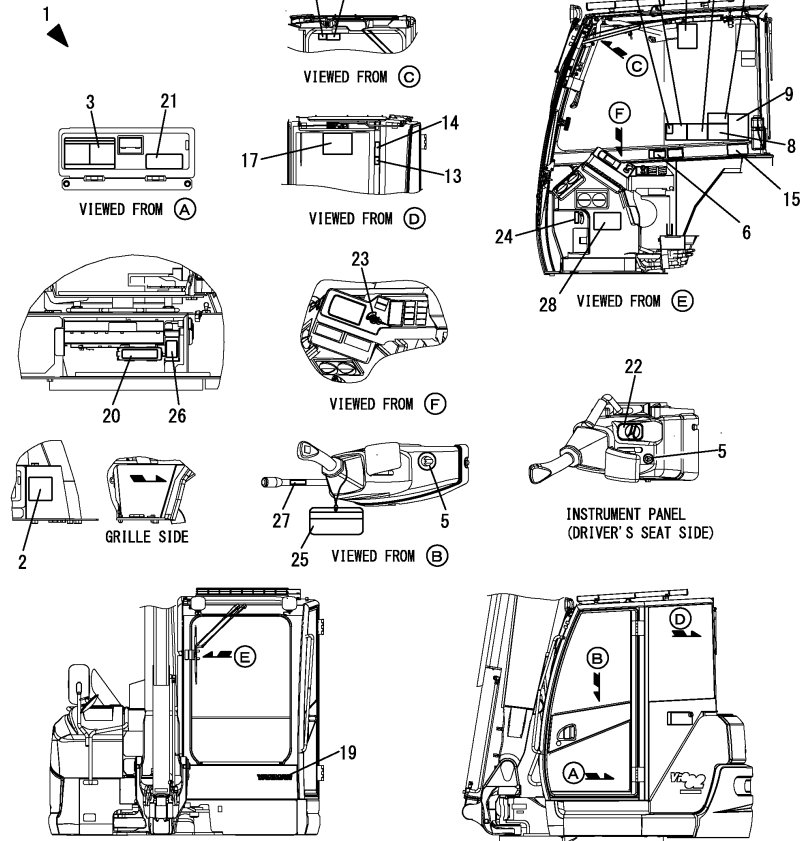
(C)=

(D)=

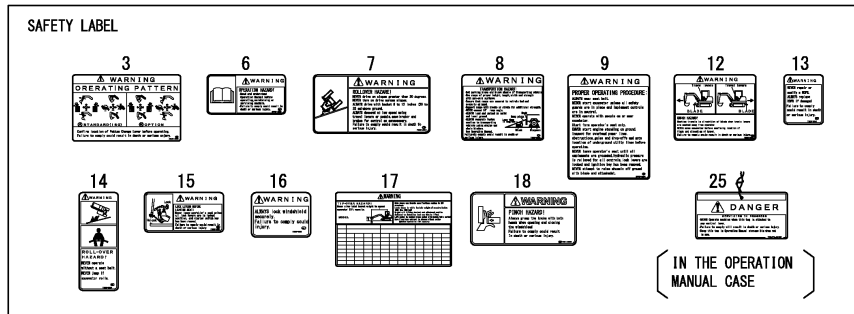
(E)=

(F)=

1 INC. 2~28.



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	Qty	I	R
1	1	172B36-08250	LABEL SET,CAB E 82	1								
2	2	172463-03281	LABEL,ADJUST CRAWLER	1								1
3	2	172437-03601	LABEL, 2-WAY US	1								
4	2	172B11-03410	LABEL,PTO	1								
5	2	172B11-03420	LABEL,PROPORTIONAL	2								
6	2	172437-03302	LABEL, MANUAL	1								
7	2	172437-03312	LABEL, SLOPE	1								
8	2	172437-03343	LABEL, TRANSPORT	1								
9	2	172437-03372	LABEL, NEUTRAL	1								
10	2	172B04-03370	LABEL, DPF EX	1								
11	2	172B11-03400	LABEL, OPERATION	1								
12	2	172437-03432	LABEL, STEERING	1								
13	2	172437-03441	LABEL, ROPS	1								
14	2	172437-03451	LABEL, SEAT BELT	1								
15	2	172437-03471	LABEL, LEVER LOCK	1								
16	2	172437-03551	LABEL, WINDOW US	1								
17	2	172B36-03890	LABEL, LIFT E 82	1								
18	2	172B11-03970	LABEL,PINCH US	1								
19	2	172A86-03480	LABEL,YANMAR 280 W	1								
20	2	172B11-03130	LABEL,RELAY BOX	1								
21	2	172B36-03190	LABEL, SPEC E 82	1								
22	2	172A69-03220	LABEL,ACCELERATOR	1								
23	2	172B03-03220	LABEL,SW	1								
24	2	172B03-03240	LABEL,AIR SELECT	1								
25	2	172437-03252	TAG ASSY, CAUTION	1								
26	2	172B36-03260	LABEL,FUSE BOX E	1								
27	2	172183-03280	LABEL, LOCK	1								
28	2	172B36-03310	LABEL, FEED E	1								



Remarks

* DPF: DPF stands for DIESEL PARTICULATE FILTER.

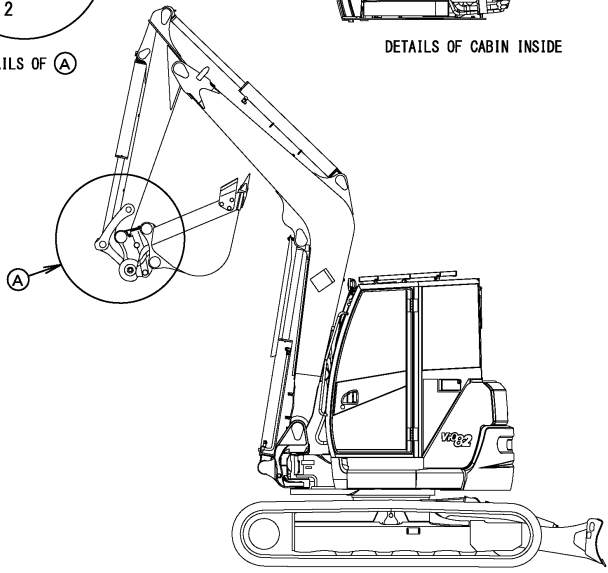
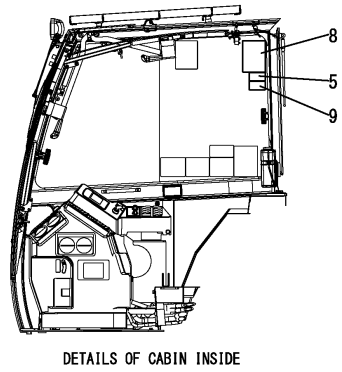
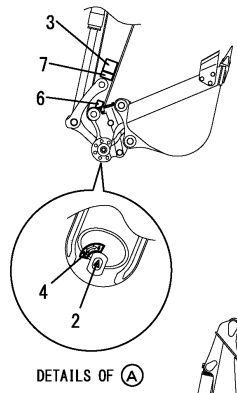
(1)Rubber crawler specification.

Fig.4. LABEL(QUICK COUPLER)

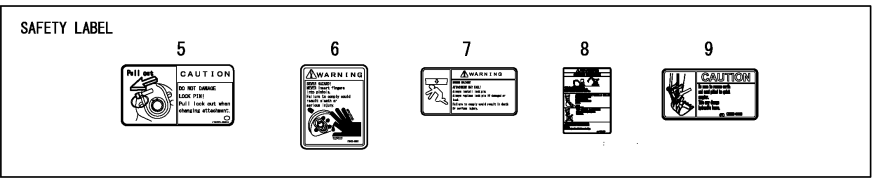
(A)=VIO82 C(AS)
 (B)=
 (C)=

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

1 INC. 2~9.

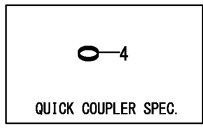
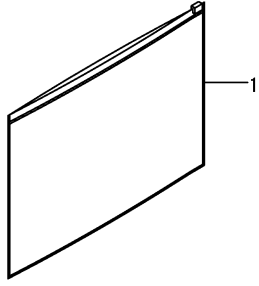


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08200	LABEL SET,Q EX	1							
2	2	172958-03160	LABEL	1							
3	2	172472-03230	LABEL, OPERATION	1							
4	2	172458-03240	LABEL, LOCK	1							
5	2	172472-03241	LABEL, PIN US	1							
6	2	172472-03261	LABEL, FINGER	1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



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

Fig.5. ACCESSORY



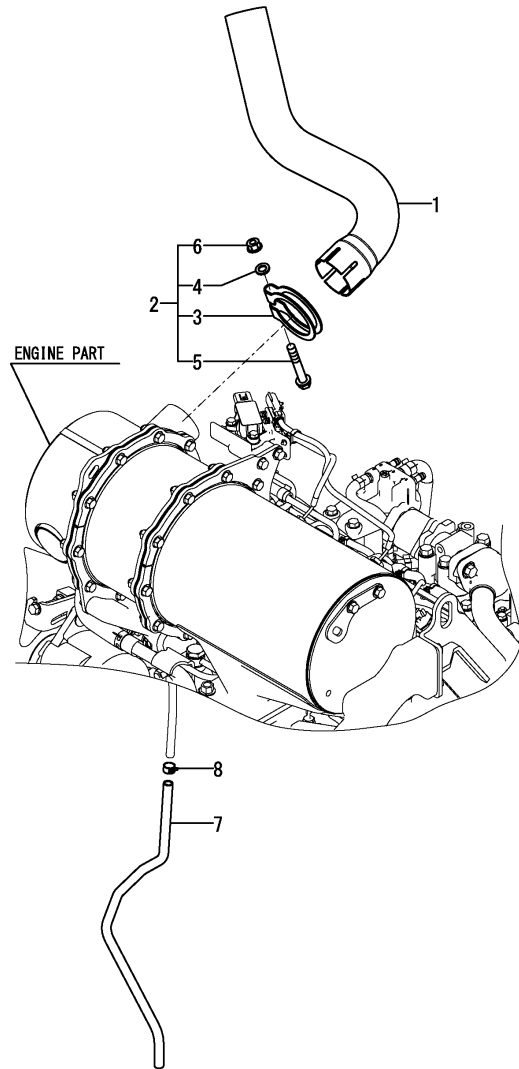
(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172A82-07350	CASE,V200	1								
4	1	1C7100-99650	RING	1								1

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

Fig.6. SILENCER

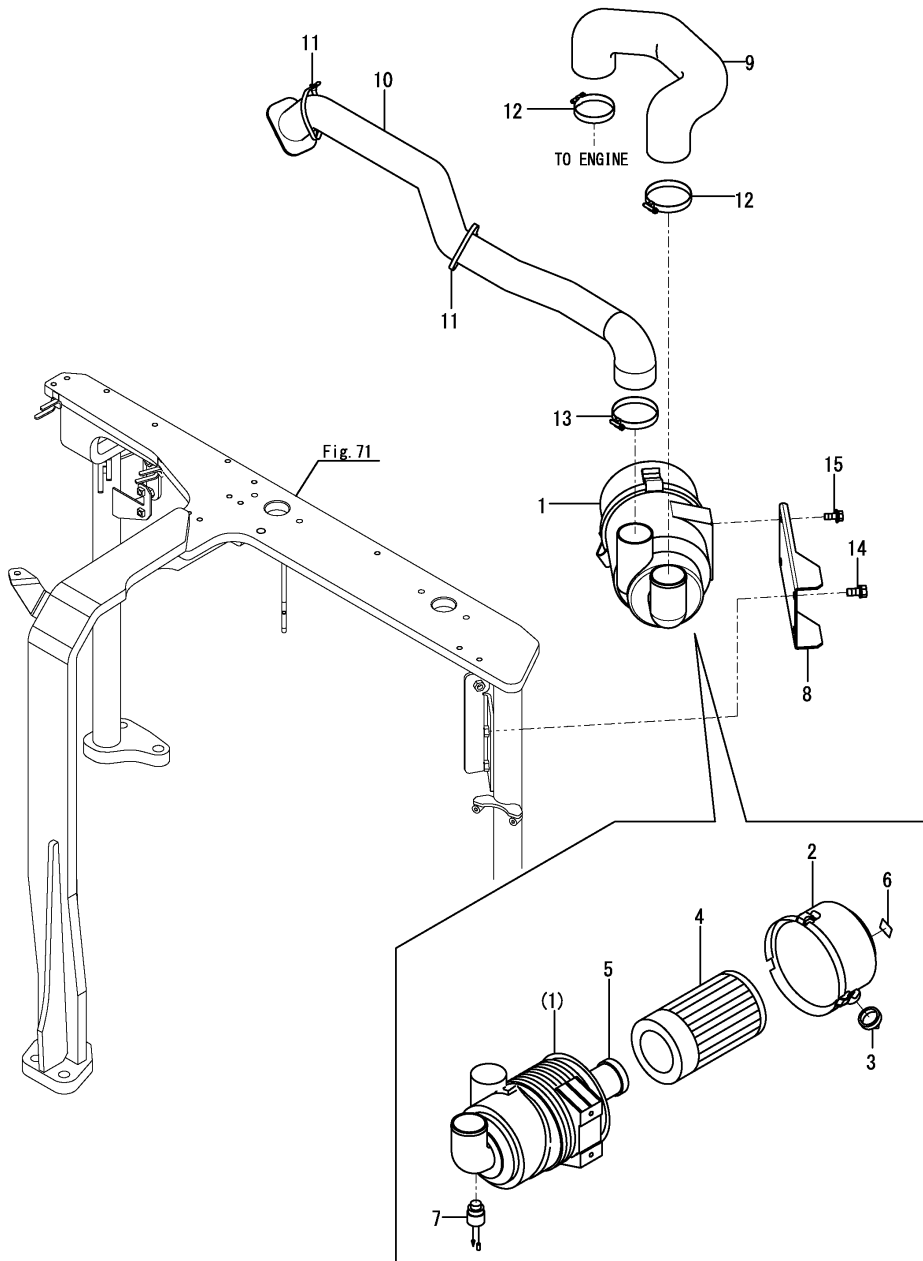


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-11301	PIPE,EXHAUST	1							
2	1	172B11-11350	CLAMP ASSY, SILENCER	1							
3	2	172B11-11360	CLAMP	1							
4	2	22117-100000	WASHER, 10	1							
5	2	26106-100652	BOLT, M10X 65 PLATED	1							
6	2	26366-100002	NUT, M10	1							
7	1	172B11-11390	PIPE, DRAIN	1							
8	1	124766-59050	CLAMP, HOSE 11.5	1							

Fig.7. AIR CLEANER



(A)=VIO82 C(AS)
(B)=
(C)=

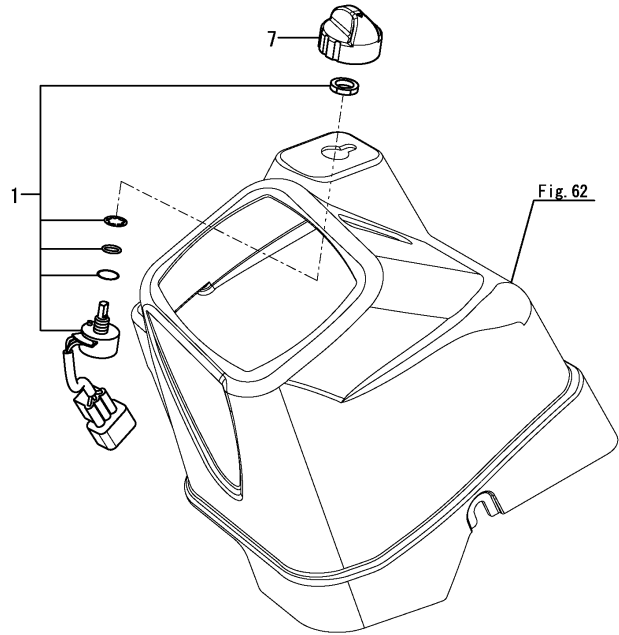
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-11510	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	119160-12570	ELEMENT, INNER	1							
6	2	129612-12650	LABEL, MARKING	1							
7	2	119140-12680	INDICATOR, CLEANER	1							
8	1	172A69-11530	BRACKET, CLEANER	1							
9	1	172B11-11550	HOSE,A AIR INTAKE	1							
10	1	172B11-11560	HOSE ASSY, B	1							
11	1	172122-79890	CLAMP, HOSE	2							
12	1	23000-080000	CLAMP, 80	2							
13	1	23000-090000	CLAMP, 90	1							
14	1	26013-100202	BOLT, M10X 20	2							
15	1	26014-080202	BOLT, M8X 20	2							

Fig.8. ACCELERATOR

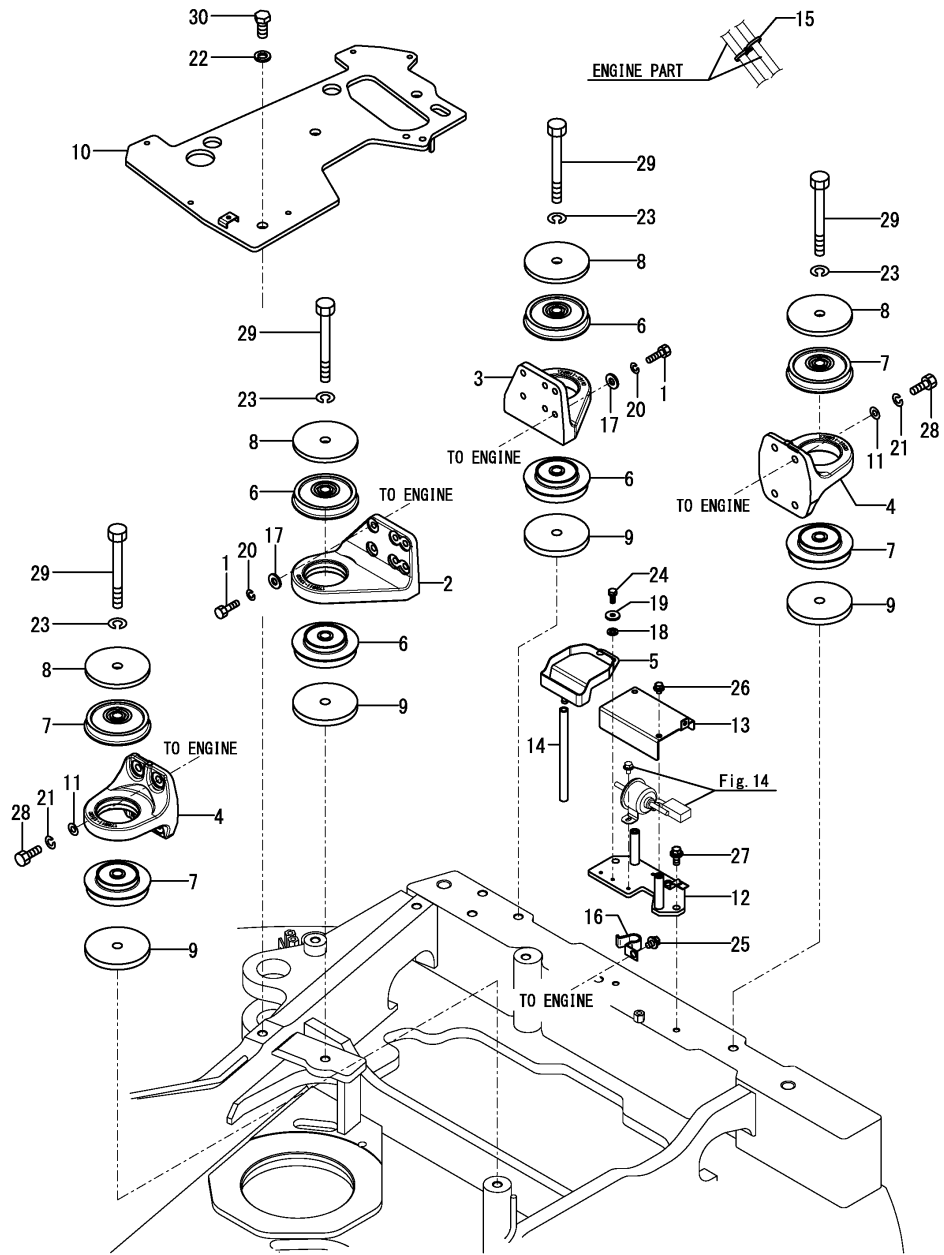
(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
7	1	172A69-12120	KNOB ASSY	1							

Fig.9. ENGINE MOUNT

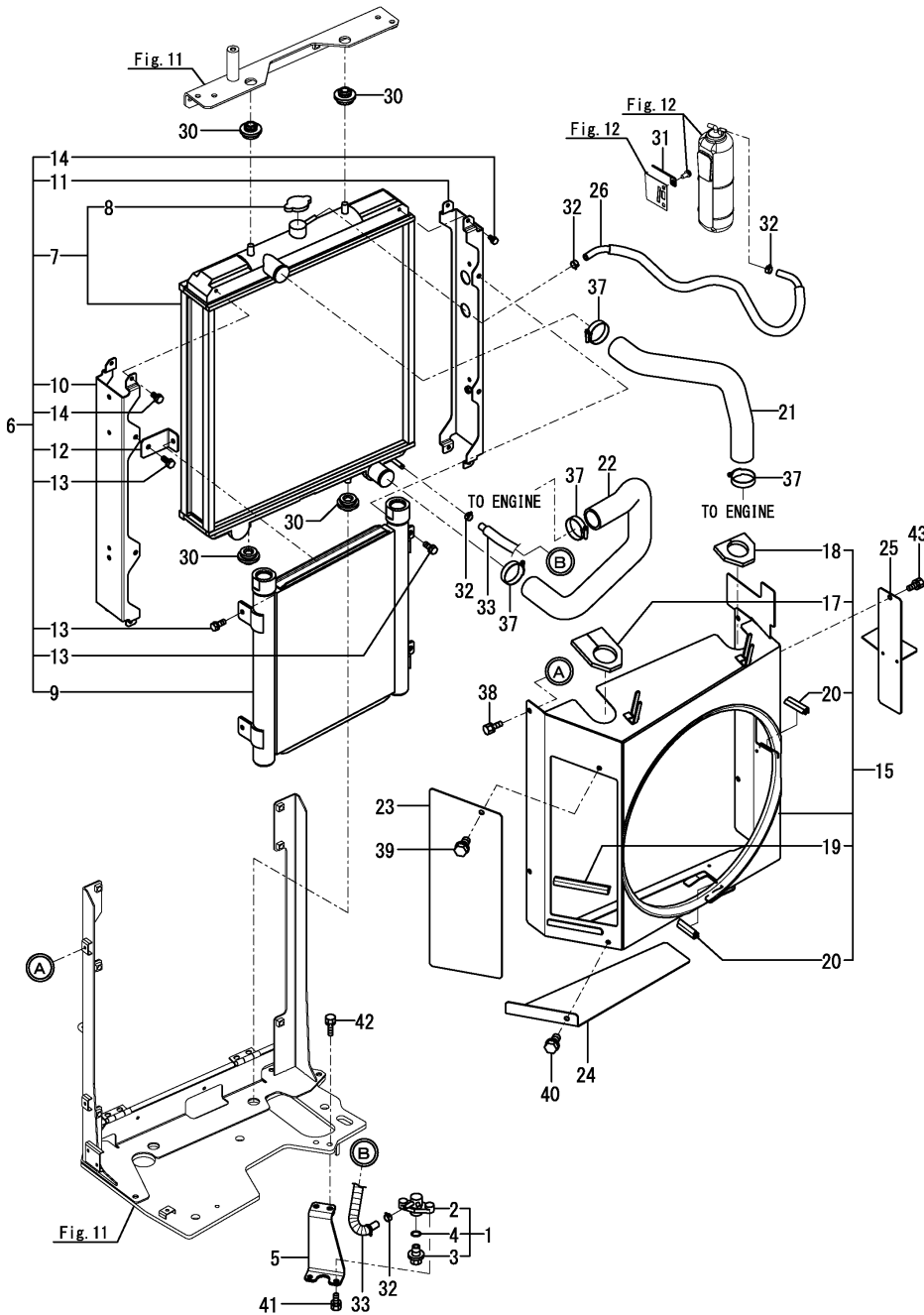


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-13100	BOLT	12							
2	1	172B11-13100	BRACKET, RR	1							
3	1	172B11-13110	BRACKET, RL	1							
4	1	172B11-13120	BRACKET, F	2							
5	1	172A89-13150	SUMP, OIL	1							
6	1	172B11-13150	MOUNT,ENGINE F	4							
7	1	172B11-13160	MOUNT,ENGINE R	4							
8	1	172B11-13170	STOPPER, 17X115X9	4							
9	1	172B36-13170	PLATE, D17/115XT12	4							
10	1	172B36-13200	PLATE ASSY, BASE	1							
11	1	172165-13220	WASHER	8							
12	1	172B36-13700	PLATE ASSY, B	1							
13	1	172B36-13720	COVER, PUMP FO	1							
14	1	172137-14282	HOSE, FUEL GAUGE	1							
15	1	172137-16560	BAND	1							
16	1	172112-16650	CLAMP	2							
17	1	172137-46042	SEAT, SPRING	12							
18	1	22117-060000	WASHER, 6	2							
19	1	22157-060000	WASHER, 6	2							
20	1	22217-100000	WASHER, SPRING 10	12							
21	1	22217-120000	WASHER, SPRING 12	8							
22	1	22217-160000	WASHER, SPRING 16	3							
23	1	22217-160000	WASHER, SPRING 16	4							
24	1	26013-060122	BOLT, M6X 12	2							
25	1	26013-100162	BOLT, M10X 16	2							
26	1	26014-080122	BOLT, M8X 12	2							
27	1	26014-100252	BOLT, M10X 25	2							
28	1	26076-120302	BOLT, 10.912X 30	8							
29	1	26076-161302	BOLT, 10.916X130	4							
30	1	26116-160352	BOLT, M16X 35 PLATED	3							

Fig.10. RADIATOR

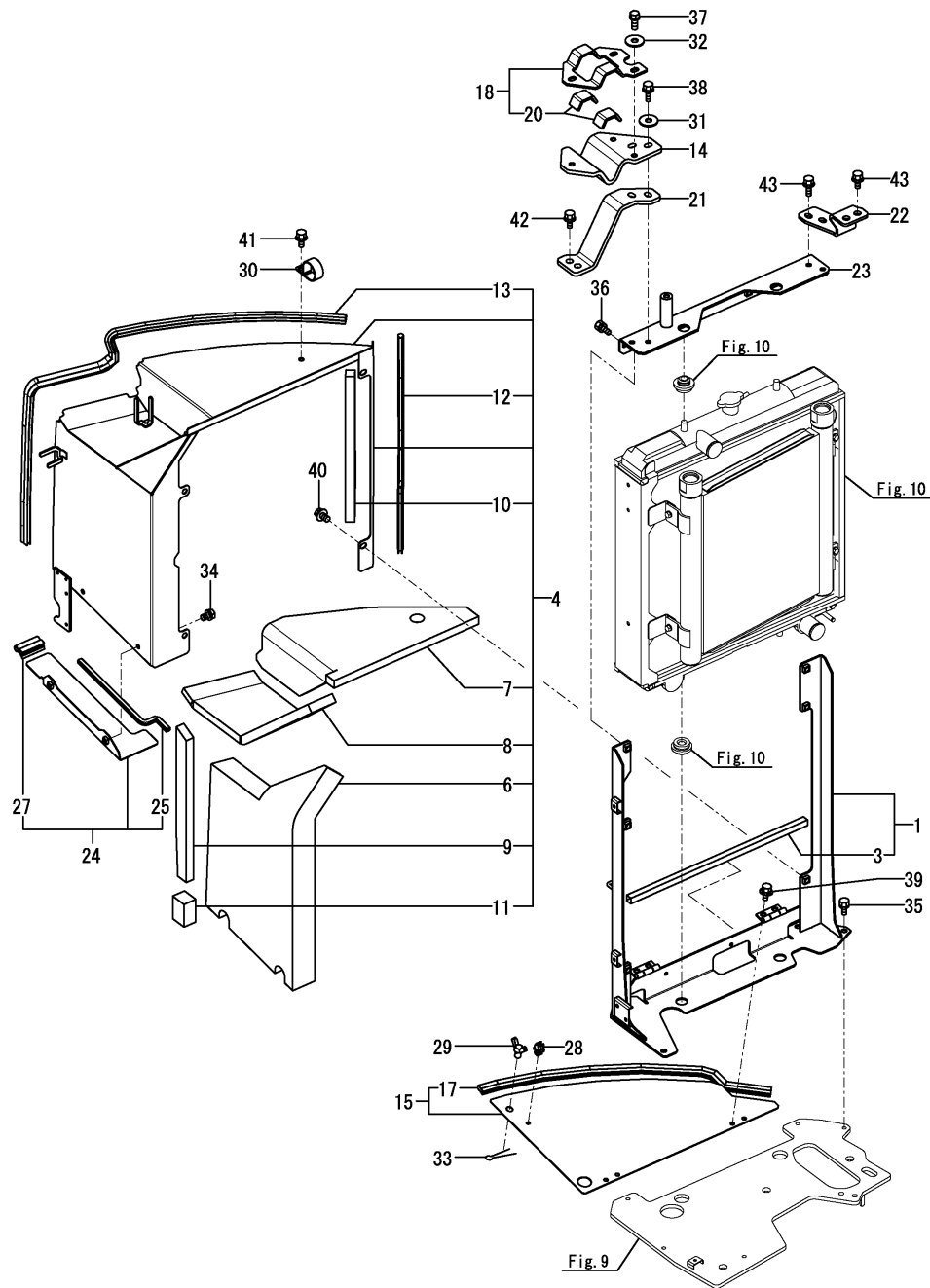


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1							
2	2	172444-13220	BODY	1							
3	2	121250-49121	PLUG, DRAIN M14	1							
4	2	24311-000160	O-RING, 1AP16.0	1							
5	1	172A69-13230	PLATE ASSY, COCK	1							
6	1	172B36-13300	RADIATOR ASSY	1							
7	2	172B36-13310	RADIATOR ASSY, SUB	1							
8	3	129107-44590	CAP, RADIATOR	1							
9	2	172B11-13320	COOLER ASSY, OIL	1							
10	2	172B11-13330	SUPPORT ASSY	1							
11	2	172B11-13340	SUPPORT ASSY	1							
12	2	172B11-13350	BRACKET	2							
13	2	172A89-13360	BOLT M8	6							
14	2	172A89-13370	BOLT M6	8							
15	1	172B11-13500	SHROUD ASSY	1							
17	2	172A89-13550	SPONGE	1							
18	2	172B11-13560	SPONGE, SEAL	1							
19	2	172458-61500	RUBBER, SEAL	1							
20	2	172458-61510	RUBBER, SEAL	2							
21	1	172B11-13570	HOSE,CW-T A	1							
22	1	172B11-13580	HOSE,CW B	1							
23	1	172A89-13800	COVER, SHROUD	1							
24	1	172A89-13810	COVER, SHROUD	1							
25	1	172A89-13820	COVER ASSY, SHROUD	1							
26	1	172A46-14610	FO HOSE ASSY,520	1							
30	1	184015-44680	CUSHION, RADIATOR	4							
31	1	1A1686-57850	CLAMP, 80	1							
32	1	124766-59050	CLAMP, HOSE 11.5	4							
33	1	184014-59450	PIPE ASSY, FUEL	1							
37	1	23001-048000	CLAMP, HOSE 48	4							
38	1	26013-080162	BOLT, M8X 16	4							
39	1	26013-080162	BOLT, M8X 16	1							
40	1	26013-080162	BOLT, M8X 16	1							
41	1	26013-080162	BOLT, M8X 16	2							
42	1	26013-100302	BOLT, M10X 30	2							
43	1	26014-080162	BOLT, M8X 16	1							

Fig.11. RADIATOR MOUNT



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

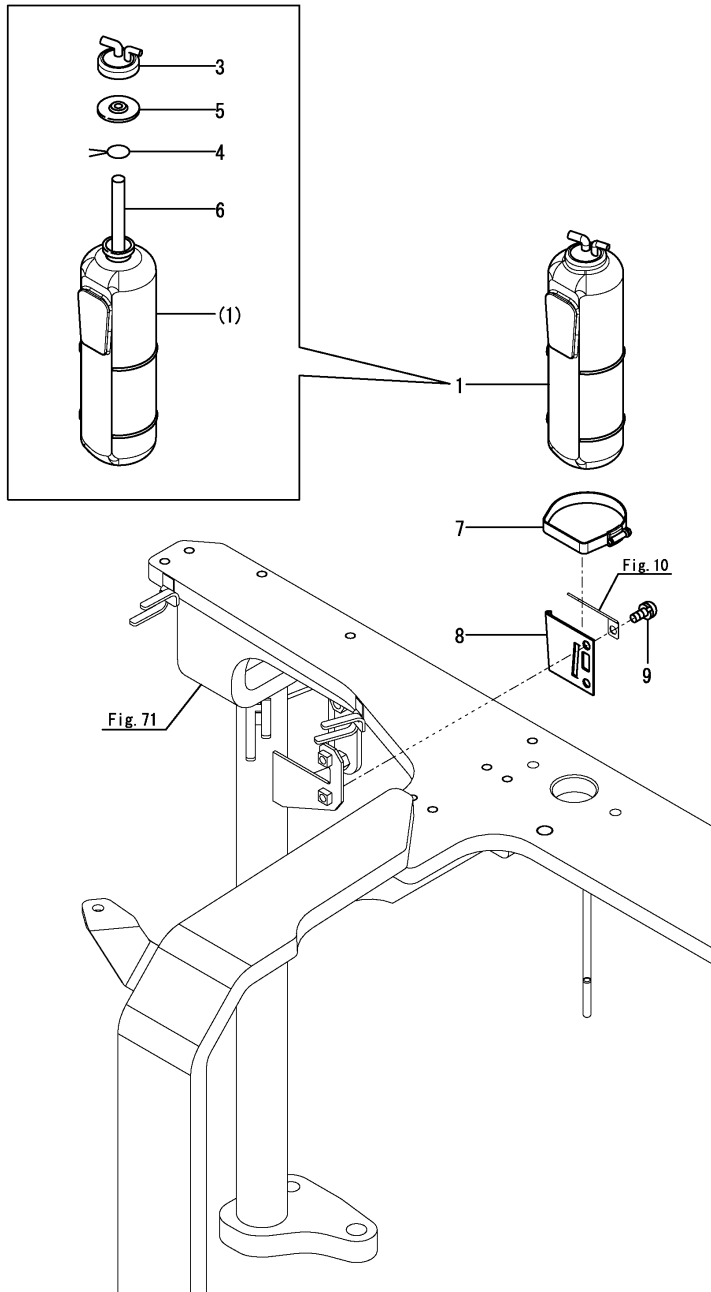
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-13400	BRACKET ASSY,RAD	1							
3	2	172499-13750	SEAL, DUCT	1							
4	1	172B11-13600	DUCT ASSY, RADIATOR	1							
6	2	172B11-13700	SPONGE, A DUCT	1							
7	2	172B11-13710	SPONGE, B DUCT	1							
8	2	172B11-13720	SPONGE, C DUCT	1							
9	2	172B11-13730	SPONGE, D DUCT	1							
10	2	172B11-13740	SPONGE, E DUCT	1							
11	2	172B11-13790	SPONGE, F DUCT	1							
12	2	172A64-64940	SEAL, 560	1							
13	2	172A64-65160	SEAL, 1170	1							
14	1	172B36-13741	STAY, VALVE	1							
15	1	172B11-13750	COVER ASSY, DUCT	1							
17	2	172A89-65850	RUBBER, SEAL 670	1							
18	1	172B36-13761	CLAMP ASSY, VALVE	1							
20	2	172A89-61470	RUBBER, PLATE	2							
21	1	172B11-13830	STAY,A RAD	1							
22	1	172B11-13840	STAY,B RAD	1							
23	1	172B11-13860	BRACKET ASSY,RAD U	1							
24	1	172B11-13930	SUPPORT ASSY, DUCT	1							
25	2	172638-06710	RUBBER, CUSHION 300	1							
27	2	172164-66800	RUBBER, SEAL 60	1							
28	1	1A7400-61250	HOLDER, ROD 8	1							
29	1	172142-62301	BOLT, WING	1							
30	1	172146-78150	PLATE, CLAMP	1							
31	1	22137-100000	WASHER, 10	2							
32	1	22157-100000	WASHER, 10	3							
33	1	22417-320200	PIN, COTTER 3.2X20	1							
34	1	26013-080122	BOLT, M8X 12	2							
35	1	26013-100202	BOLT, M10X 20	4							
36	1	26013-100202	BOLT, M10X 20	2							
37	1	26013-100252	BOLT, M10X 25	3							
38	1	26013-100402	BOLT, M10X 40	2							
39	1	26014-080162	BOLT, M8X 16	4							
40	1	26014-100202	BOLT, M10X 20	4							
41	1	26014-100202	BOLT, M10X 20	1							
42	1	26014-100252	BOLT, M10X 25	2							
43	1	26014-100252	BOLT, M10X 25	4							

Fig.12. SUB TANK

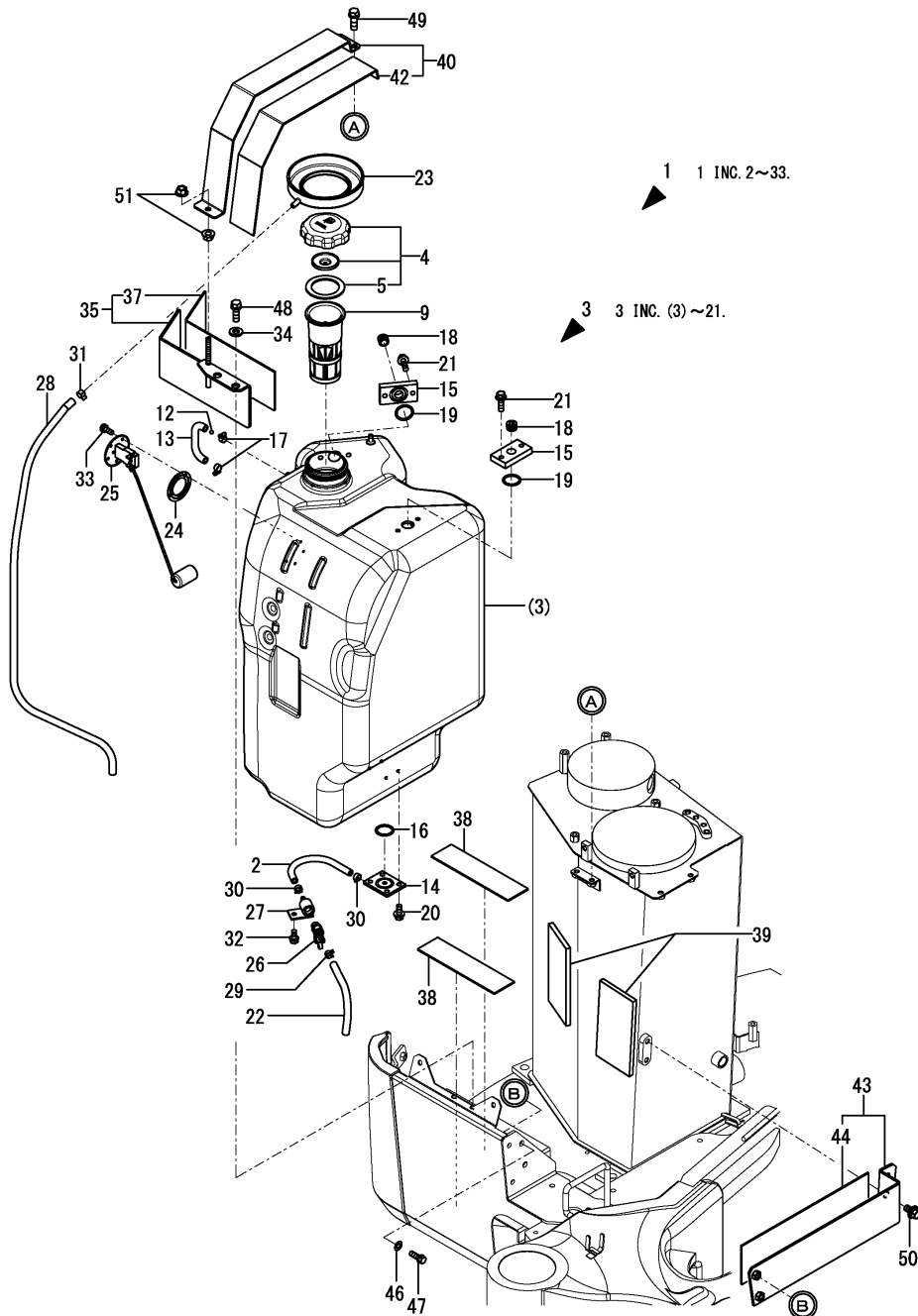
(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
3	2	121450-44531	CAP	1							
4	2	124450-44560	CLAMP, HOSE	1							
5	2	121470-44581	GASKET	1							
6	2	23065-070225	HOSE 7X 225	1							
7	1	124450-44550	BAND, SUB-TANK	1							
8	1	121256-44600	BRACKET, SUB TANK	1							
9	1	26022-080162	SCREW, M8X16	2							

Fig.13. FUEL TANK

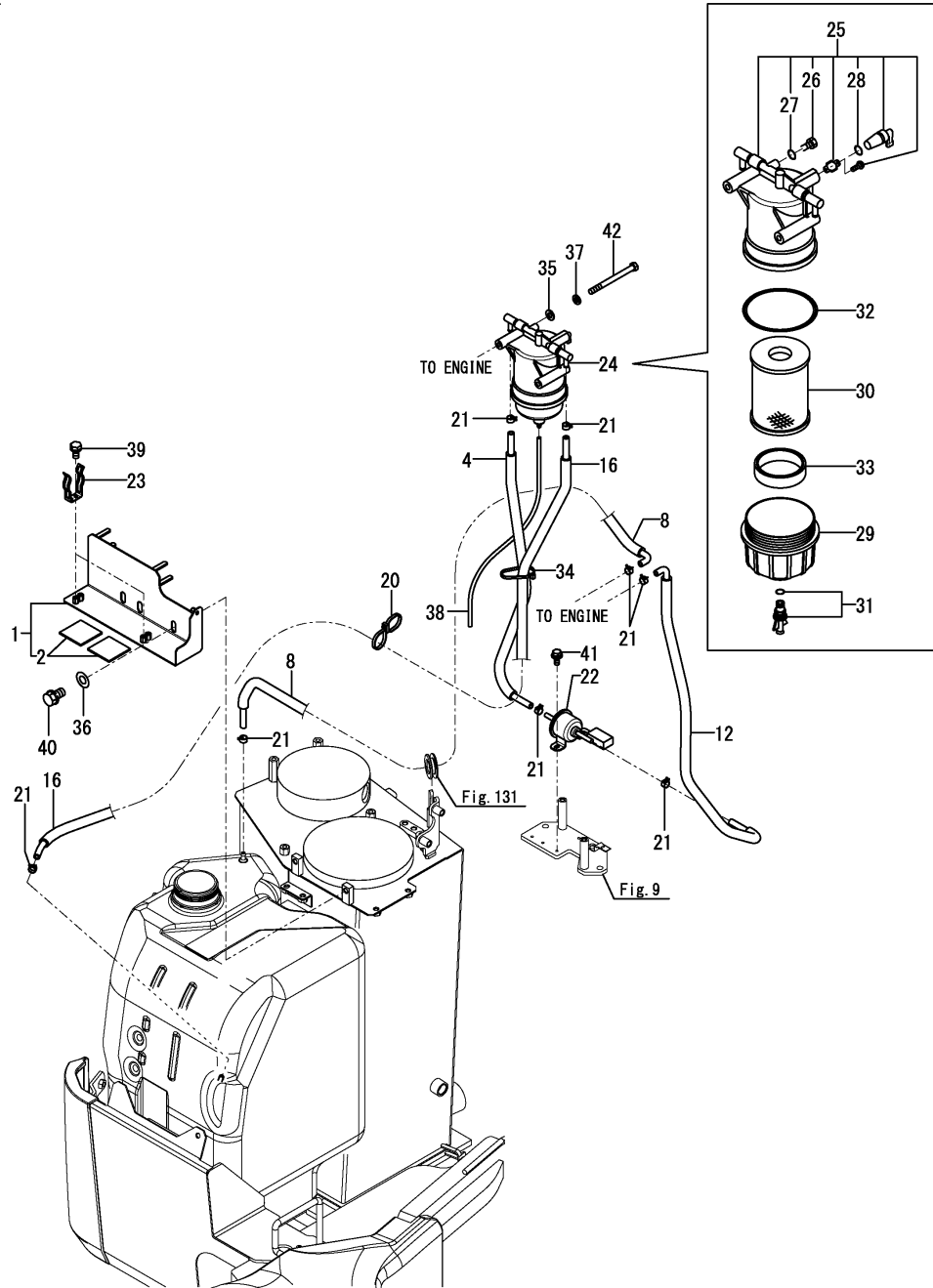


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A69-14100	TANK ASSY, FUEL	1							
2	2	172137-13400	PIPE, DRAIN	1							
3	2	172A69-14110	TANK ASSY, FUEL	1							
4	3	198200-04031	CAP ASSY, FILLER	1							
5	4	198200-04040	GASKET, FUEL CAP	1							
9	3	172A69-14130	NET ASSY, FUEL	1							
12	3	172447-14160	FLOAT	1							
13	3	172458-14203	HOSE, FUEL GAUGE	1							
14	3	172A69-14211	BLOCK ASSY, DRAIN	1							
15	3	172A69-14240	PLATE	2							
16	3	172A69-14550	PACKING	1							
17	3	23000-013000	CLAMP, 13	2							
18	3	23876-040000	PLUG, R04	2							
19	3	24311-000320	O-RING, 1AP32.0	2							
20	3	26013-080202	BOLT, M8X 20	4							
21	3	26013-080302	BOLT, M8X 30	4							
22	2	172186-14150	HOSE, FUEL GAUGE	1							
23	2	172A69-14170	SUMP, FUEL	1							
24	2	172162-14200	GASKET	1							
25	2	172A78-14220	GAUGE, FUEL	1							
26	2	172A69-14230	VALVE, FUEL DRAIN	1							
27	2	172444-14271	JOINT, DRAIN	1							
28	2	172187-14510	HOSE	1							
29	2	106990-44660	CLAMP, HOSE 12.5	1							
30	2	124766-59050	CLAMP, HOSE 11.5	2							
31	2	23080-013000	CLAMP, 13	1							
32	2	26013-080162	BOLT, M8X 16	1							
33	2	26022-050122	SCREW, M5X12	5							
34	1	194145-04810	WASHER, 10	2							
35	1	172A69-14310	BRACKET ASSY	1							
37	2	172A69-14350	PLATE, RUBBER	1							
38	1	172A69-14370	PLATE, RUBBER	2							
39	1	172A89-14380	SPONGE, RUBBER	2							
40	1	172A69-14410	BRACKET ASSY	1							
42	2	172A69-14430	PLATE, RUBBER	1							
43	1	172A69-14450	BRACKET ASSY	1							
44	2	172A69-14350	PLATE, RUBBER	1							
46	1	22137-100000	WASHER, 10	2							
47	1	26013-100302	BOLT, M10X 30	2							
48	1	26013-100302	BOLT, M10X 30	2							
49	1	26013-100302	BOLT, M10X 30	2							
50	1	26014-100202	BOLT, M10X 20	2							
51	1	26367-100002	NUT, M10	2							

Fig.14. FUEL PIPING

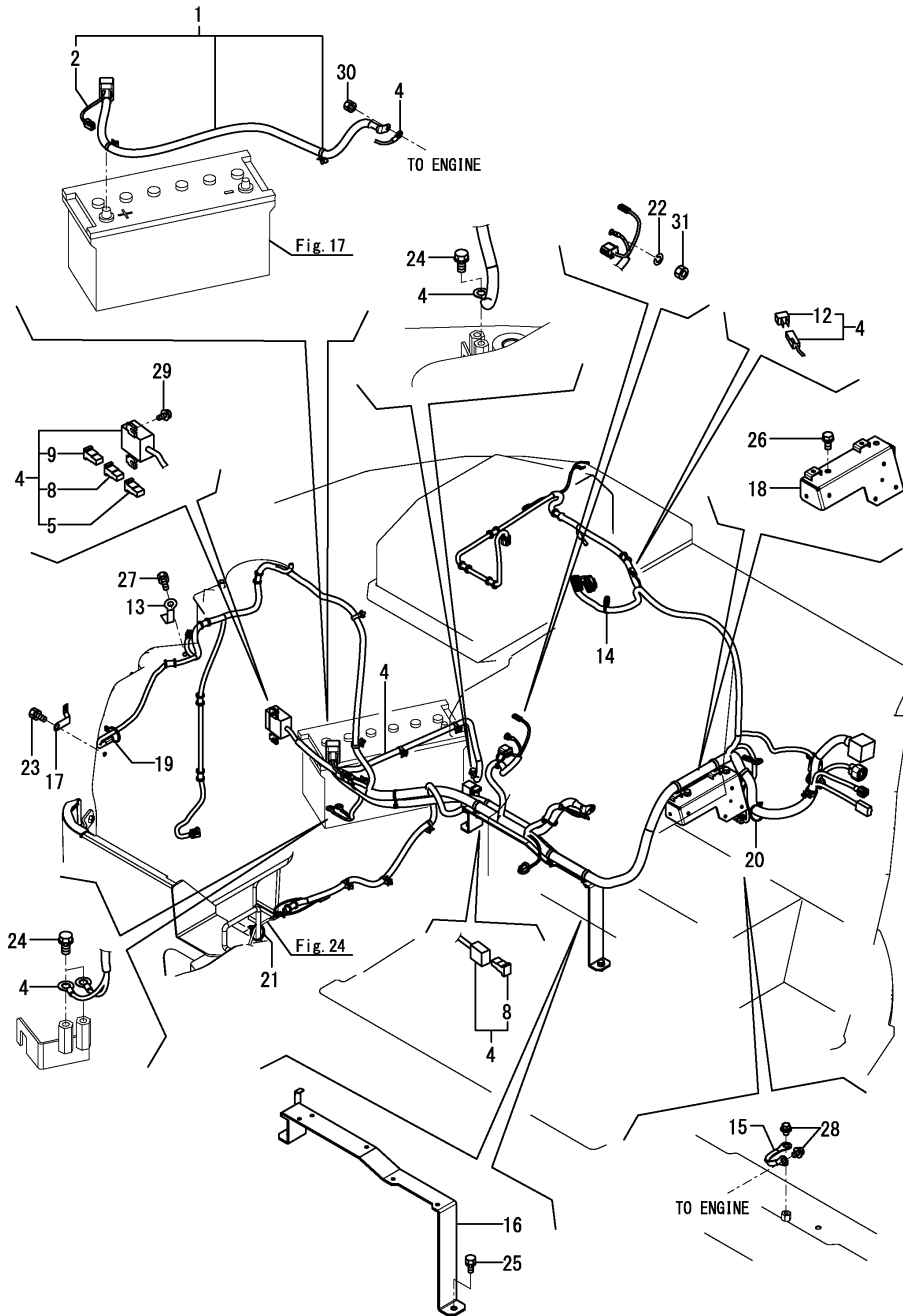


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-14510	BRACKET ASSY,GREASE	1							
2	2	172446-14250	PLATE, RUBBER	2							
4	1	172B11-14700	HOSE ASSY, 850	1							
8	1	172B11-14730	HOSE ASSY, 1700	1							
12	1	172B11-14760	HOSE ASSY, 2600	1							
16	1	172B11-14790	HOSE ASSY, 650	1							
20	1	172137-16560	BAND	1							
21	1	106990-44660	CLAMP, HOSE 12.5	8							
22	1	129612-52100	PUMP, FUEL FEED	1							
23	1	172122-55061	BRACKET, PUMP	2							
24	1	129E22-55700	FILTER ASSY, FUEL	1							
25	2	129E00-55710	BODY ASSY	1							
26	3	129A00-55751	PLUG, AIR VENT	1							
27	3	129A00-55760	O-RING	1							
28	3	24311-000110	O-RING, 1AP11.0	1							
29	2	129A00-55720	CUP(CLEAR	1							
30	2	129A00-55730	ELEMENT	1							
31	2	129242-55740	PLUG, DRAIN	1							
32	2	129A00-55740	O-RING	1							
33	2	129A00-55770	FLOAT	1							
34	1	194202-56460	BAND, 200	1							
35	1	22137-080000	WASHER, 8	2							
36	1	22137-100000	WASHER, 10	2							
37	1	22217-080000	WASHER, SPRING 8	2							
38	1	23061-050500	PIPE, 5X 500	1							
39	1	26013-060122	BOLT, M6X 12	4							
40	1	26013-100162	BOLT, M10X 16	2							
41	1	26014-060122	BOLT, M6X 12	2							
42	1	26116-080952	BOLT, M8X 95 PLATED	2							

Fig.15. AROUND THE ENGINE



(A)=VIO82 C(AS)

(B)=

(C)=

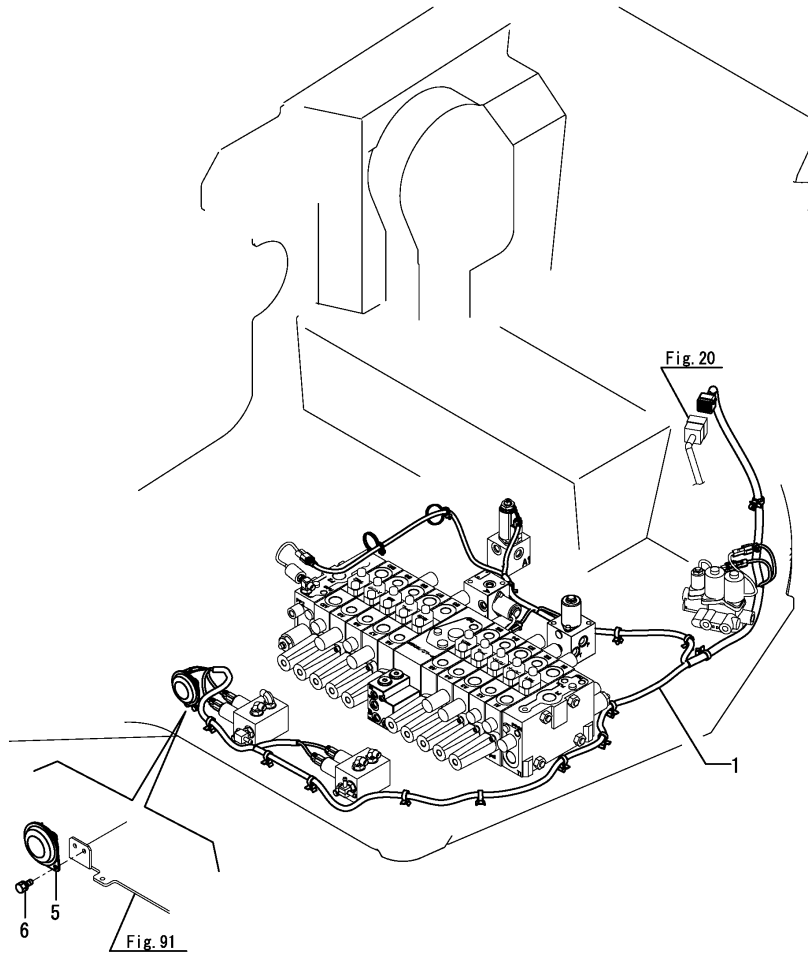
(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16101	CABLE ASSY,BATTERY +	1							
2	2	172B11-16130	HARNESS,BATTERY	1							
4	1	172B36-16500	HARNESS ASSY, A	1							
5	2	1C6900-06180	FUSE, SLOW BLOW 80A	1							
8	2	1A7810-51750	FUSE, SLOW BLOW 120A	2							
9	2	1A7000-52820	FUSE, SLOW BLOW 60A	1							
12	2	1E8235-84910	DIODE, 090 31	1							
13	1	172126-16540	CLAMP	1							
14	1	172137-16560	BAND	1							
15	1	172187-16600	CORD, ENGINE EARTH	1							
16	1	172B36-16650	SUPPORT ASSY,HARNESS	1							
17	1	172A69-16700	BRACKET	1							
18	1	172B36-16850	SUPPORT ASSY,HARNESS	1							
19	1	194202-56460	BAND, 200	1							
20	1	194202-56460	BAND, 200	1							
21	1	194202-56460	BAND, 200	1							
22	1	22217-080000	WASHER, SPRING 8	1							
23	1	26013-080162	BOLT, M8X 16	1							
24	1	26013-100162	BOLT, M10X 16	3							
25	1	26013-100202	BOLT, M10X 20	2							
26	1	26013-100202	BOLT, M10X 20	2							
27	1	26014-080162	BOLT, M8X 16	1							
28	1	26014-100162	BOLT, M10X 16	2							
29	1	26023-060122	SCREW, M6X12	2							
30	1	26051-080002	NUT, M8	1							
31	1	26716-080002	NUT, M8	1							

Fig.16. AROUND THE CONTROL VALVE



(A)=VIO82 C(AS)
 (B)=
 (C)=

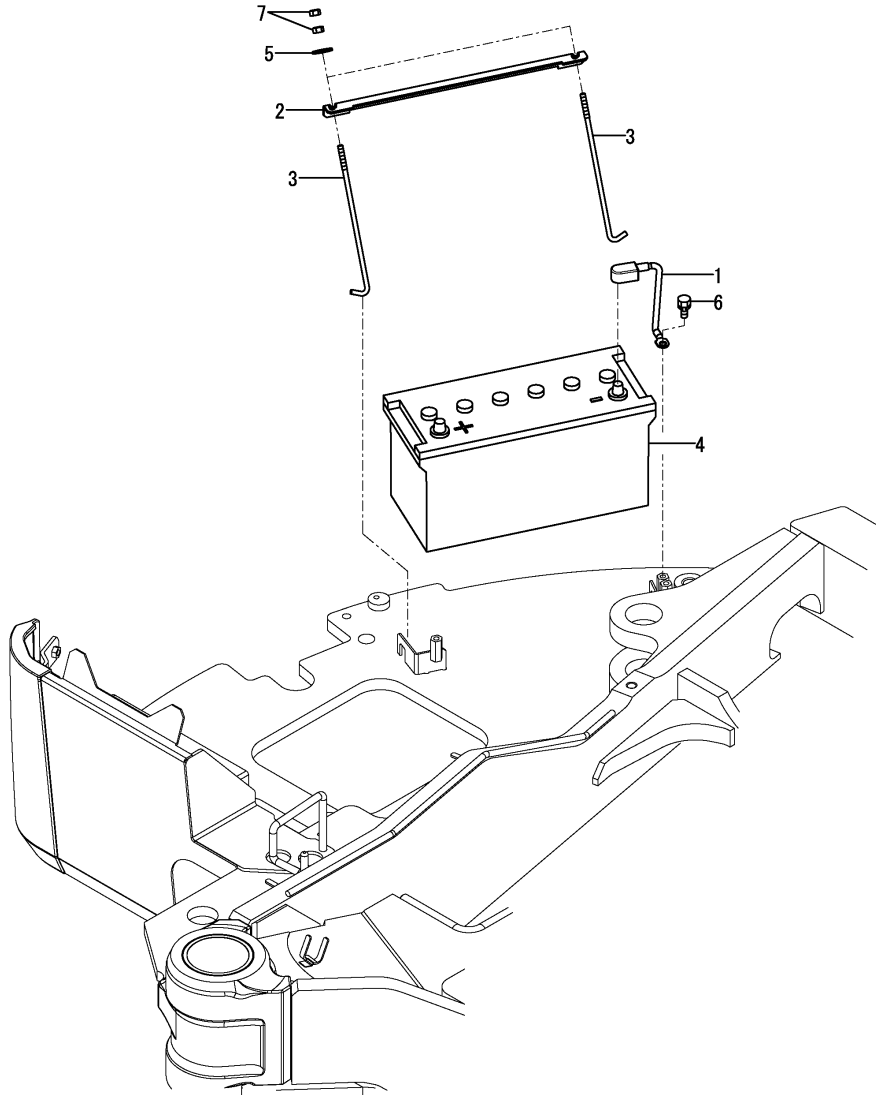
(D)=
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-16620	HARNES ASSY, D	1							
5	1	194151-57100	HORN	1							
6	1	26013-060122	BOLT, M6X 12	2							

Fig.17. BATTERY

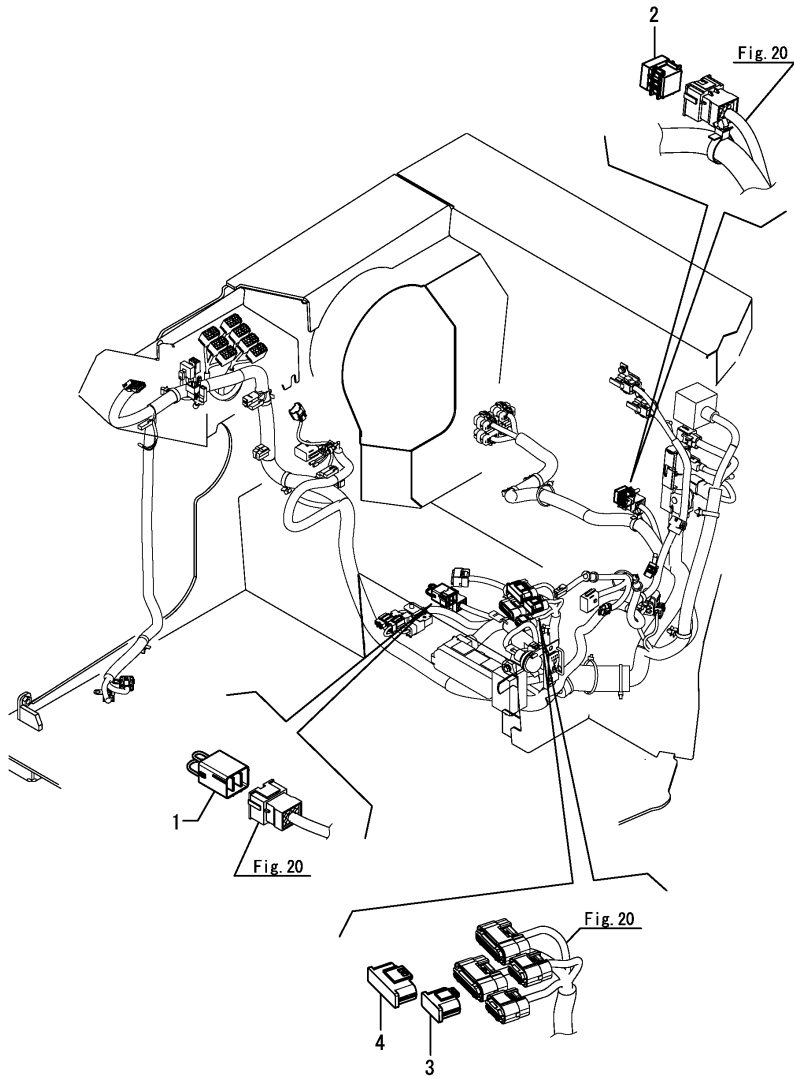
(A)=VIO82 C(AS)
 (B)=
 (C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-16121	CABLE, 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.18. COUPLER



(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-16700	HARNES,CIRCUIT	1							
2	1	172B36-16840	CONNECTOR, SWP 14F	1							
3	1	1E6C30-84520	CAP,WATERPROOF 18P	1							
4	1	1E6C30-84530	CAP,WATERPROOF 34P	1							

Fig.19. STARTER SWITCH

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

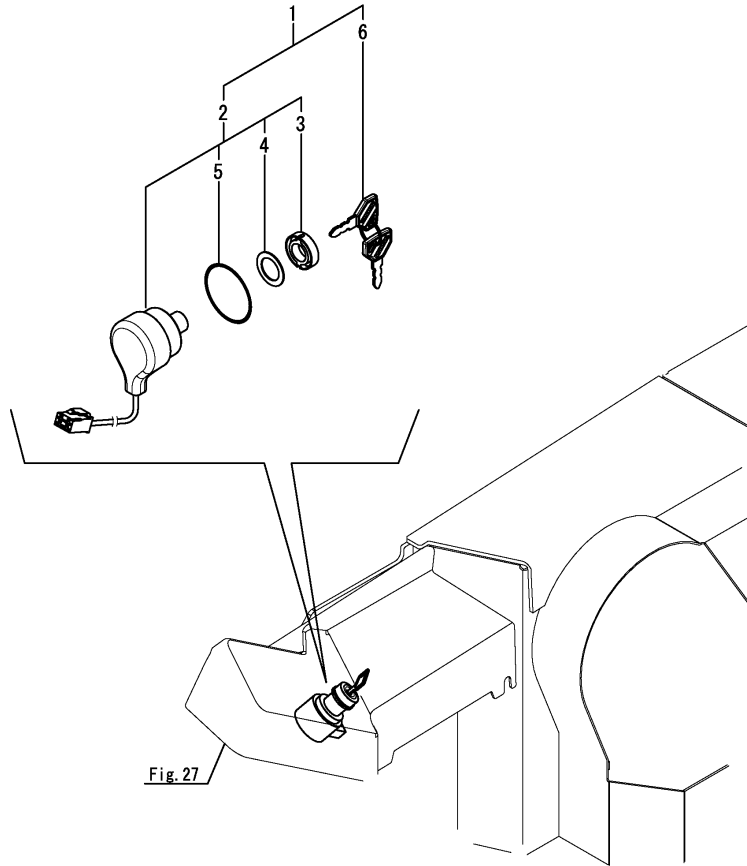
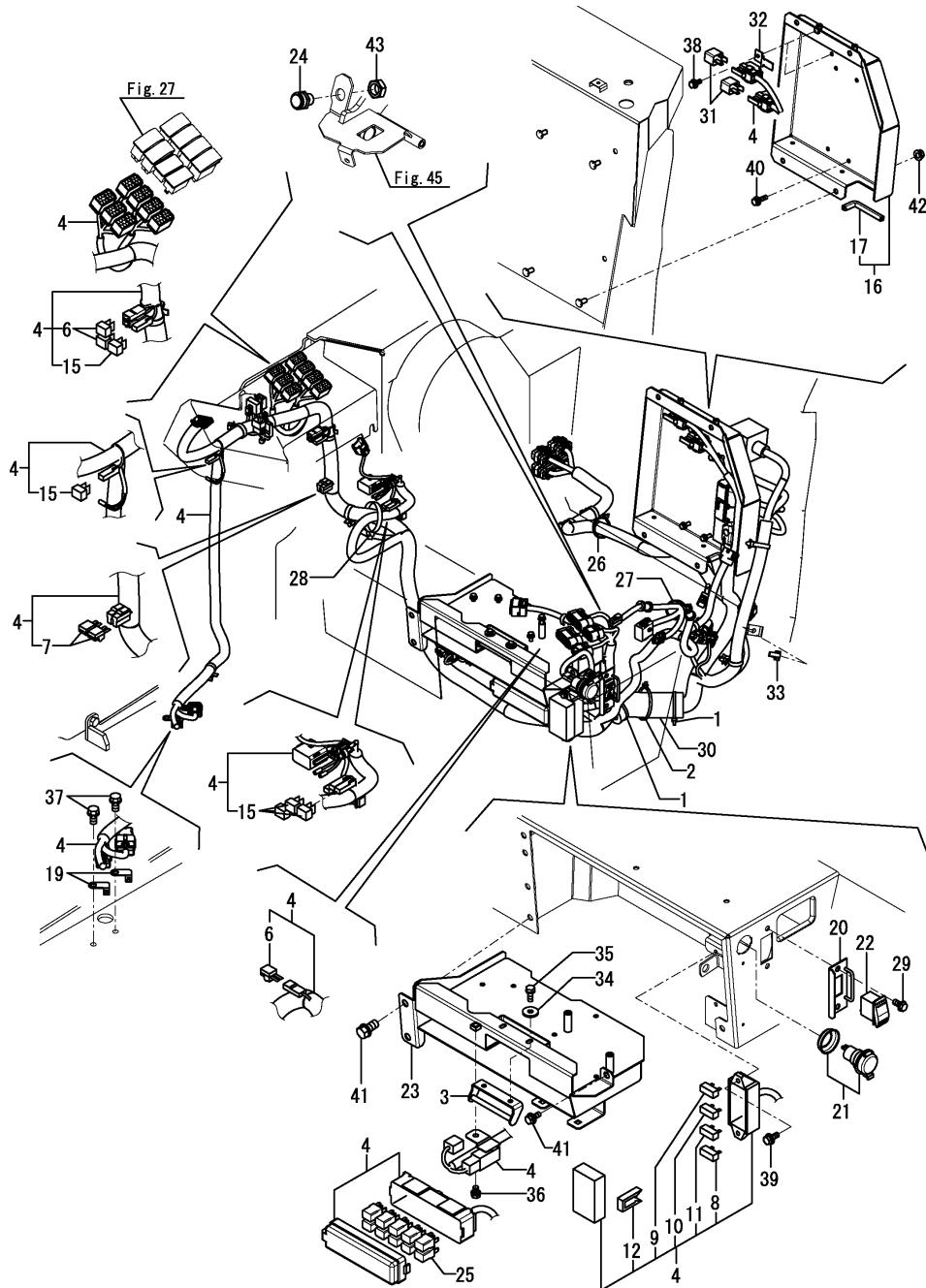


Fig. 27

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

Fig.20. SEAT MOUNT



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

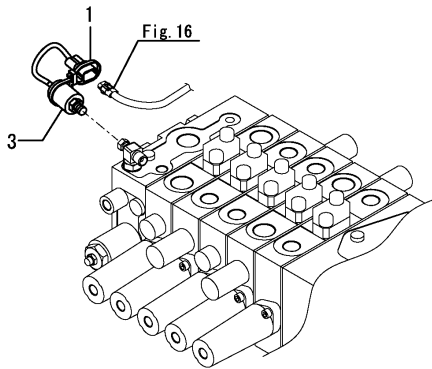
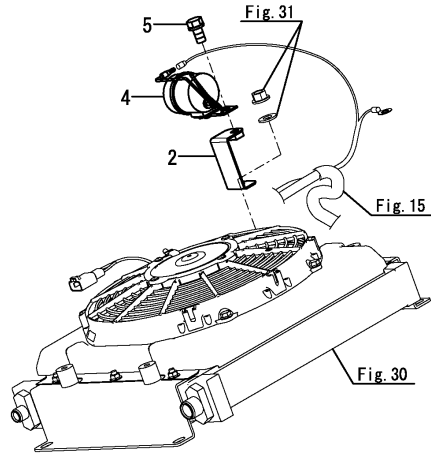
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2							
2	1	172126-11510	BAND	1							
3	1	172B11-16350	CATCH ASSY, LOCK	1							
4	1	172B36-16520	HARNESS ASSY, B	1							
6	2	172649-16560	DIODE, 1.5-3PA	3							
7	2	1A6382-51510	RESISTANCE, 2W R120	2							
8	2	1A7450-52180	FUSE, 25A	6							
9	2	1E8665-83150	FUSE, MINI 5A	7							
10	2	1E8665-83160	FUSE, MINI 10A	4							
11	2	1E8665-83180	FUSE, MINI 20A	5							
12	2	1E9570-83900	MINI FUSE PULLER	1							
15	2	1E8235-84910	DIODE, 090 31	5							
16	1	172B36-16600	BRACKET ASSY, E-ECU	1							
17	2	172456-13470	RUBBER 100	1							
19	1	172A69-16700	BRACKET	2							
20	1	172A89-17180	PLATE ASSY, SWITCH	1							
21	1	172A64-17250	SOCKET ASSY	1							
22	1	172A69-17260	SWITCH, ENGINE STOP	1							
23	1	172B36-17900	BRACKET ASSY, CR	1							
24	1	194464-52190	SWITCH, START	1							
25	1	1A7522-52950	RELAY, ACM13221M19	10							
26	1	194202-56460	BAND, 200	1							
27	1	194202-56460	BAND, 200	1							
28	1	194202-56460	BAND, 200	1							
29	1	172519-63240	BOLT	2							
30	1	172445-68650	SPONGE, HOSE	1							
31	1	129927-77900	RELAY, ISO 90A	2							
32	1	129927-77910	BRACKET, CONNECTOR	2							
33	1	1E8490-84130	CLAMP, BAND	1							
34	1	22157-060000	WASHER, 6	2							
35	1	26013-060122	BOLT, M6X 12	2							
36	1	26013-080122	BOLT, M8X 12	1							
37	1	26013-080162	BOLT, M8X 16	2							
38	1	26014-060122	BOLT, M6X 12	2							
39	1	26014-060162	BOLT, M6X 16	2							
40	1	26014-060252	BOLT, M6X 25	4							
41	1	26014-100202	BOLT, M10X 20	3							
42	1	26051-080002	NUT, M8	4							
43	1	26776-180002	NUT, LOCK M18	1							

Fig.21. TRAVEL ALARM

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND	1							
2	1	172B11-16880	BRACKET ASSY, BUZZER	1							
3	1	172478-17202	SWITCH, PRESSURE	1							
4	1	172511-17351	BUZZER, BACK	1							
5	1	26013-080162	BOLT, M8X 16	1							

Fig.22. P.T.O. SENSOR

(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
3	2	172B11-17270	WASHER, 10X18X2	2							
4	2	172B11-17301	KNOB ASSY	2							

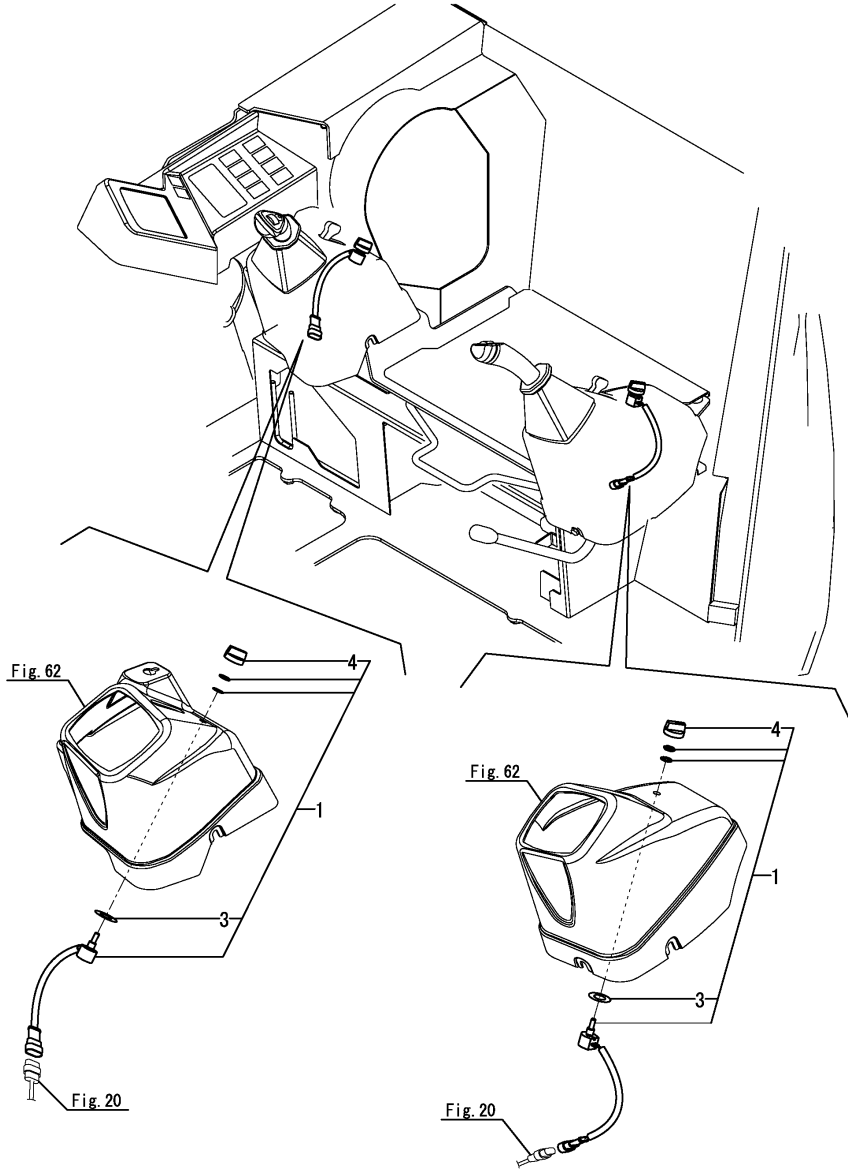
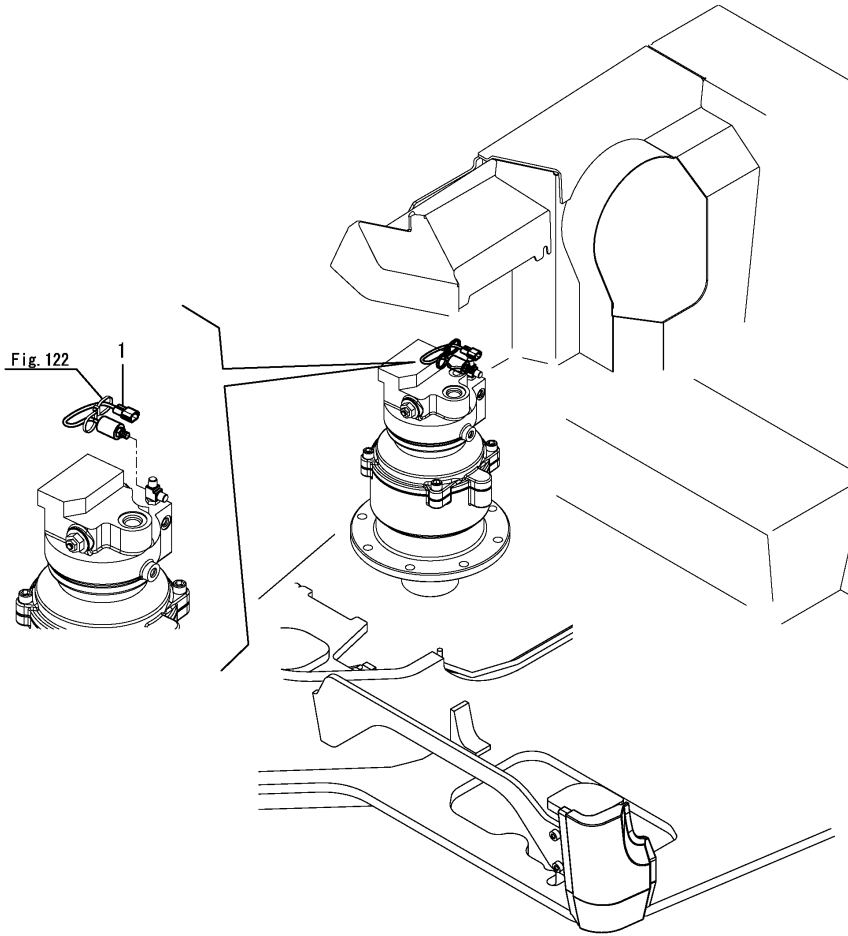


Fig.23. HYD. OIL SWITCH

(A)=VIO82 C(AS)
(B)=
(C)=

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

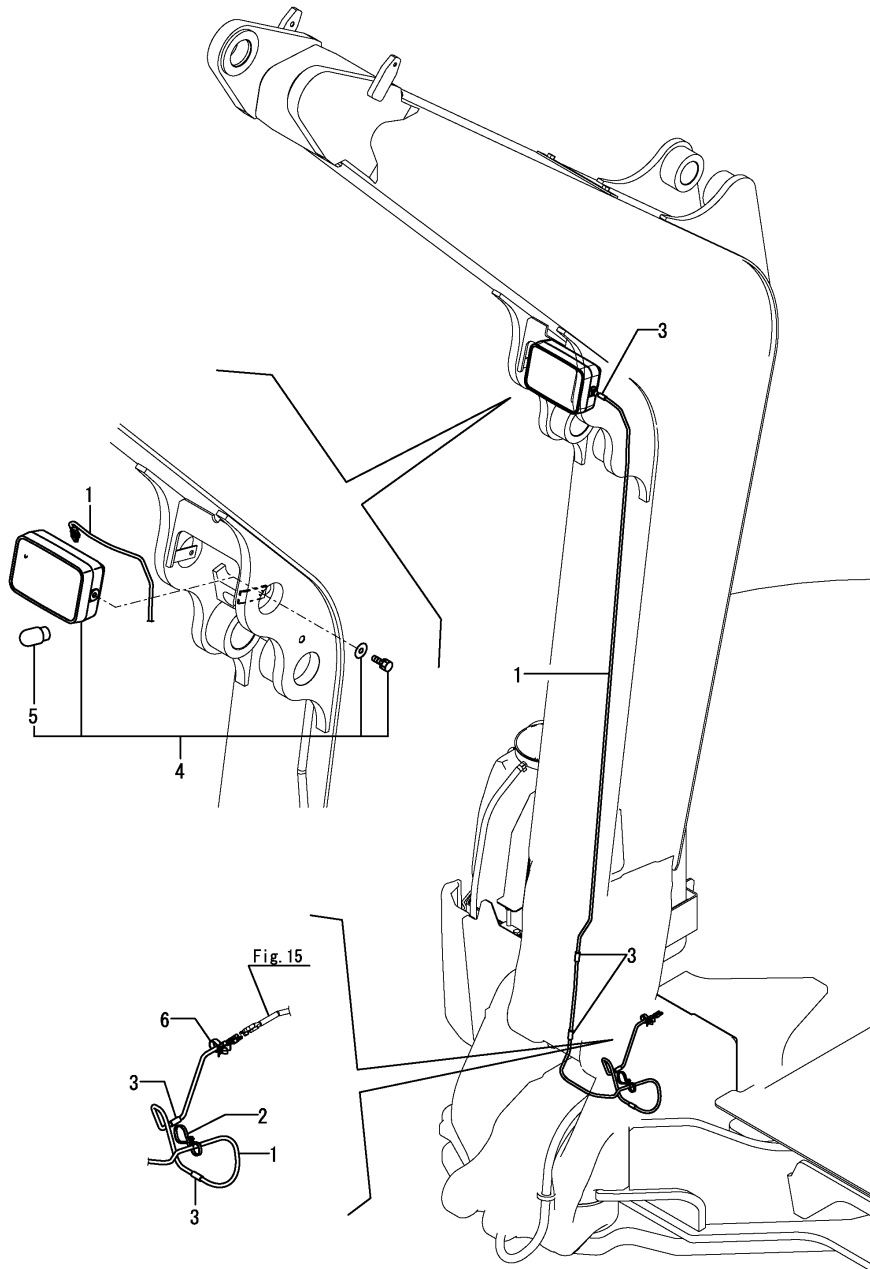


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-17202	SWITCH, PRESSURE	1							

Fig.24. WORK LAMP

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

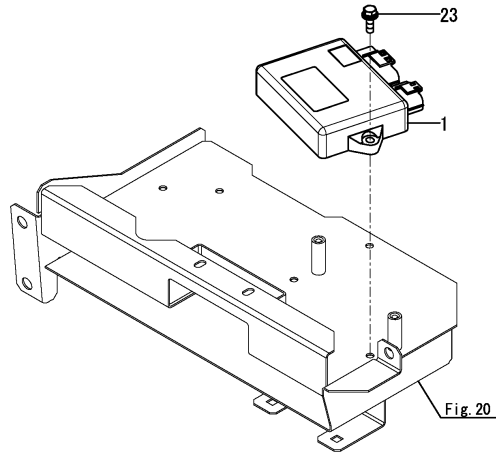


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-16440	HARNES, WIRE	1							
2	1	172137-16560	BAND	1							
3	1	172B11-16780	RUBBER, CLAMP A	5							
4	1	172162-17400	LAMP ASSY, WORK	1							
5	2	172141-17211	BULB	1							
6	1	1E8775-84120	CLAMP, BAND	1							

Fig.25. CONTROLLER

(A)=VIO82 C(AS)
(B)=
(C)=

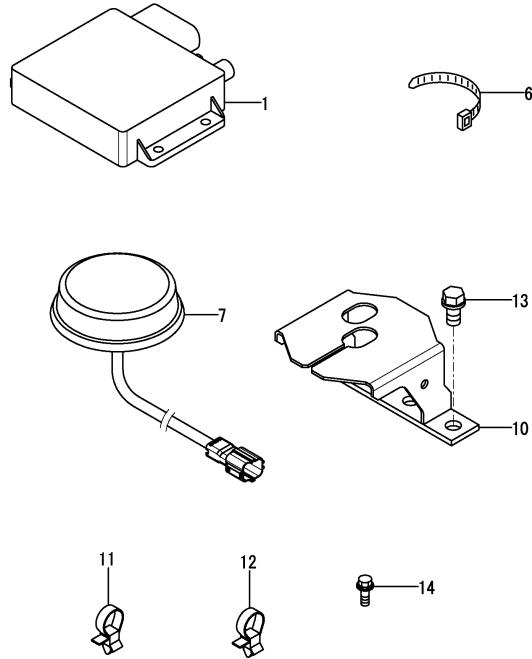
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8280-50900	CONTROLLER	1							1
23	1	26014-060202	BOLT, M6X 20	2							

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

Fig.26. GPS



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00024	CONTROLLER,MOBILE,O	1							1
6	1	172126-11510	BAND	6							
7	1	172B11-16590	ANTENNA ASSY,MOBILE	1							
10	1	172B11-17920	BRACKET ASSY, GPS	1							
11	1	1E8775-84120	CLAMP, BAND	4							
12	1	1E8490-84130	CLAMP, BAND	3							
13	1	26013-100202	BOLT, M10X 20	2							
14	1	26014-060162	BOLT, M6X 16	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.

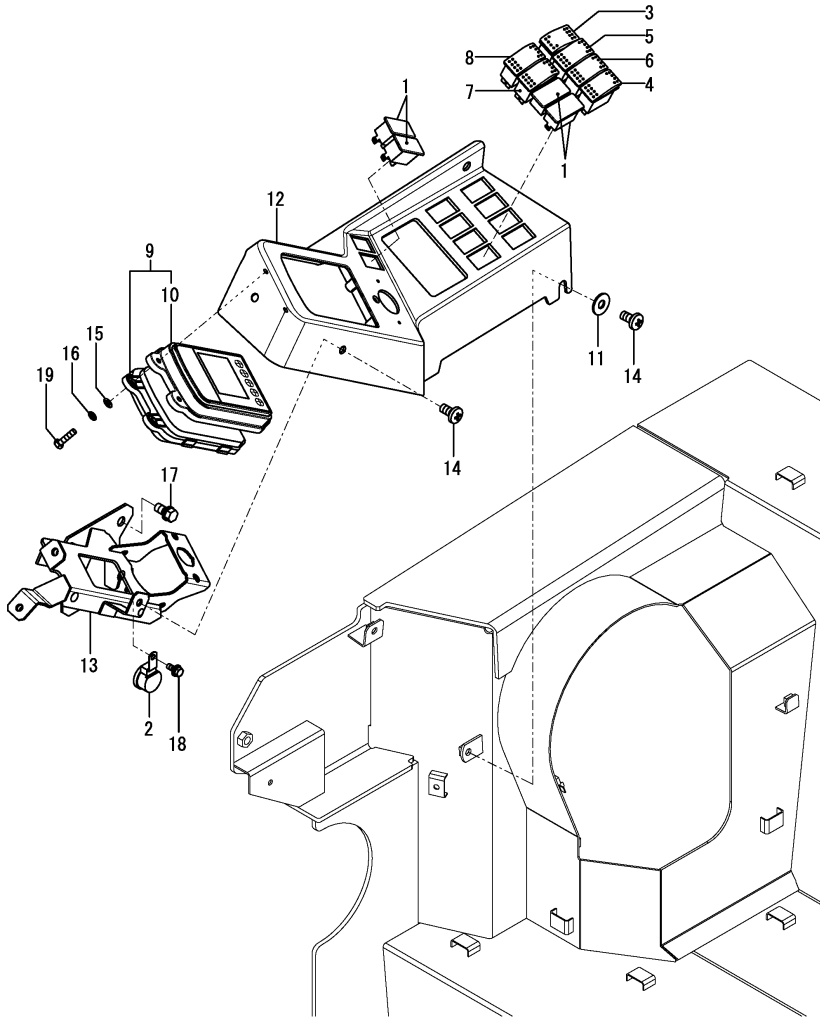
Note : Registration is required when replacing this part.

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

Fig.27. INDICATOR BOX

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172538-17100	PLUG, PANEL	4							
2	1	172141-17150	BUZZER	1							
3	1	172B11-17200	SWITCH, DPF	1							
4	1	172A69-17211	SWITCH, TRAVLE	1							
5	1	172A69-17221	SWITCH, WIPER	1							
6	1	172A69-17231	SWITCH, LIGHT	1							
7	1	172A69-17241	SWITCH, AUTO DECEL	1							
8	1	172A69-17251	SWITCH, ECO	1							
9	1	172B03-17258	MONITOR ASSY	1							
10	2	172B03-17261	MONITOR ASSY,UPPER	1							
11	1	172458-62430	WASHER	2							
12	1	172B11-63240	PANEL, INSTRUMENT D	1							
13	1	172B11-63500	STAY ASSY, INPANE	1							
14	1	172137-69850	SCREW	4							
15	1	22137-050000	WASHER, 5	4							
16	1	22217-050000	WASHER, SPRING 5	4							
17	1	26013-100202	BOLT, M10X 20	3							
18	1	26014-060162	BOLT, M6X 16	1							
19	1	26116-050202	BOLT, M5X 20 PLATED	4							

Remarks

* DPF: DPF stands for DIESEL PARTICULATE FILTER.

Fig.28. QUICK COUPLER(SWITCH BOX)

(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-17150	QH BRACKET ASSY	1							
2	1	172958-17410	BOX, SWITCH EX D	1							
3	2	172472-03290	LABEL, SWITCH	1							
4	2	172472-03300	LABEL, COVER	1							
8	3	172958-17140	SWITCH ASSY	1							
9	3	172958-17150	SWITCH ASSY	1							
10	3	172958-17160	LAMP, INDICATOR	1							
11	3	172958-17170	SCREW, TAPPING	6							
12	3	172958-17180	SCREW, TAPPING	2							
13	3	172958-17190	PACKING	1							
14	3	172958-17200	BRACKET	1							
15	3	172958-17220	CORD	1							
16	3	172958-17230	CASE, UPPER	1							
17	3	22351-030028	PIN, SPRING 3.0X28	1							
18	1	172137-46210	SCREW	2							
19	1	172187-64900	PLUG	1							
20	1	1E8775-84120	CLAMP, BAND	1							
21	1	26013-100252	BOLT, M10X 25	2							
22	1	172B11-16270	HARNES, QH	1							

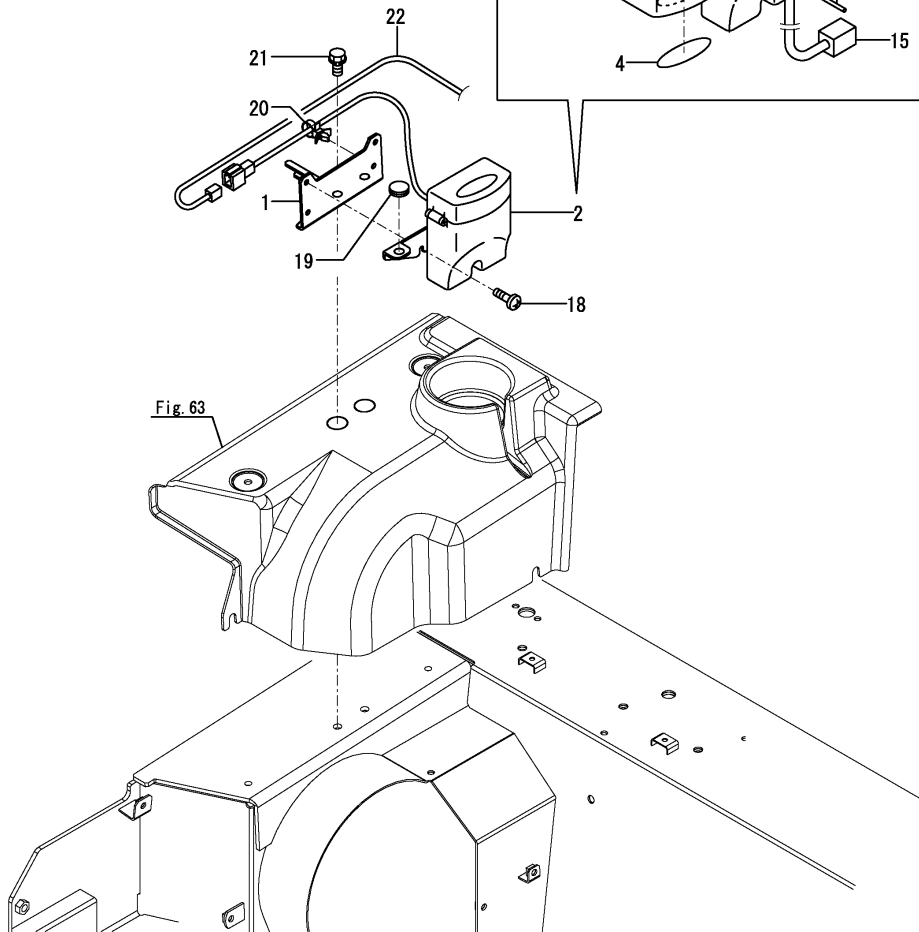
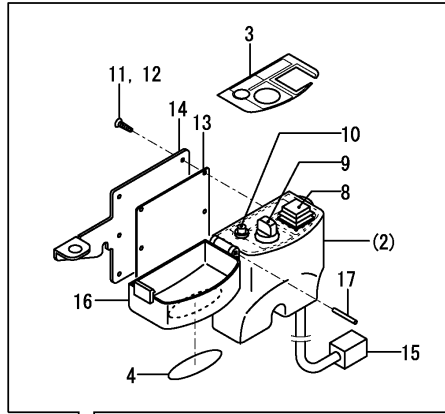
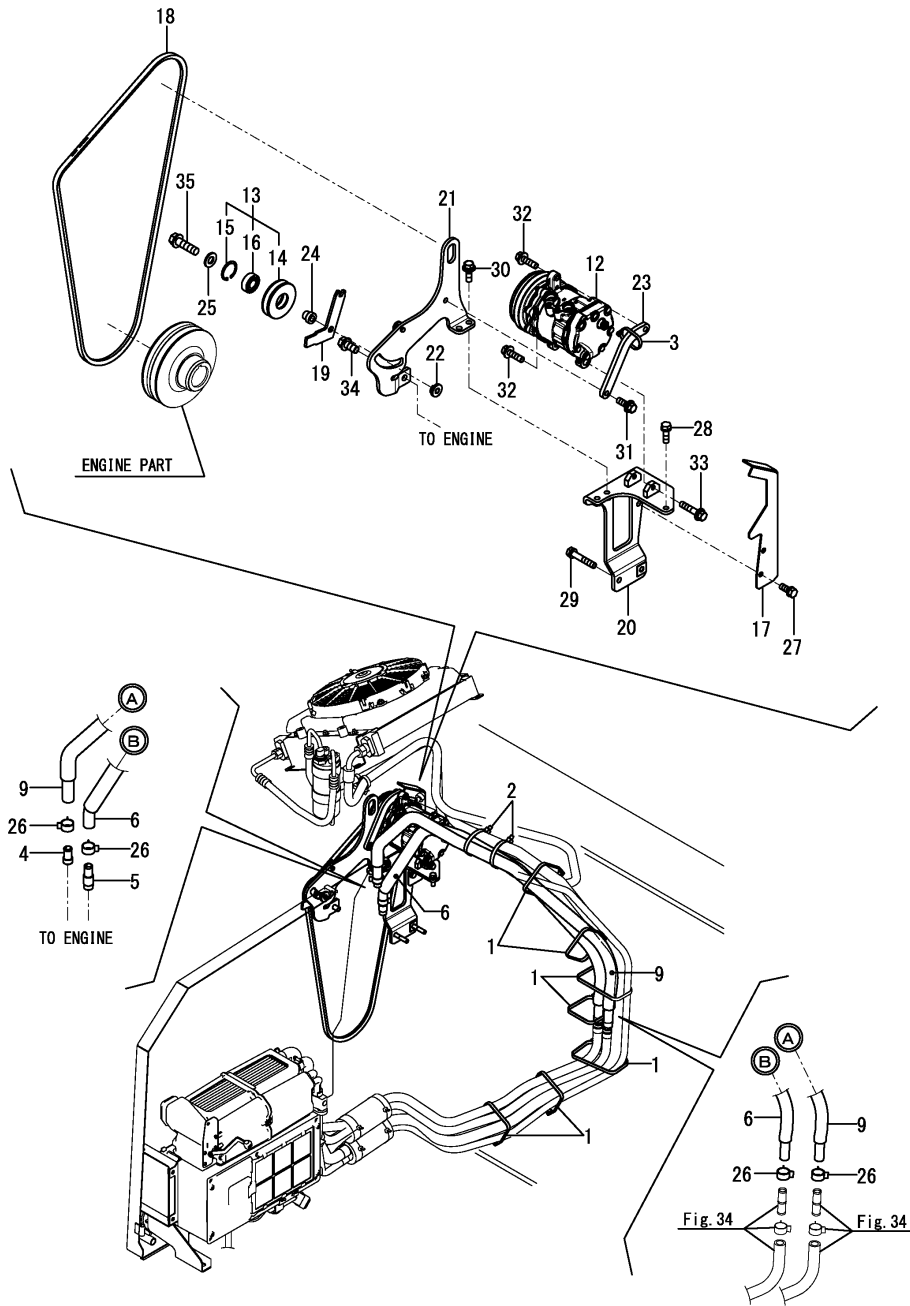


Fig.29. AIR CONDITIONER(ENGINE RELATED)



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	7							
2	1	172137-16560	BAND	2							
3	1	172137-16560	BAND	1							
4	1	172124-17640	JOINT, PIPE	1							
5	1	172B11-17640	JOINT,PIPE 3/8	1							
6	1	172A89-17810	HOSE ASY,HEATER 1050	1							
9	1	172A69-17840	HOSE ASY, HEATER	1							
12	1	172B11-18100	COMPRESSOR ASSY, 116	1							
13	1	172A69-18150	PULLEY ASSY, TENSION	1							
14	2	172A69-18160	PULLEY, TENSION	1							
15	2	22252-000350	RING, 35	1							
16	2	24104-062020	BEARING, 6202UUC3	1							
17	1	172B11-18150	GUARD,BELT	1							
18	1	172A69-18190	V-BELT	1							
19	1	172B11-18290	BAR,ADJUST	1							
20	1	172B11-18300	BRACKET ASSY,COMP	1							
21	1	172B11-18370	BRACKET ASSY,PULLEY	1							
22	1	172187-18410	NUT, PULLEY	1							
23	1	172B11-18410	PLATE,COMPRESSOR	1							
24	1	129466-96240	SPACER, PULLEY	1							
25	1	22137-100000	WASHER, 10	1							
26	1	23080-018000	CLAMP, 18	4							
27	1	26013-080202	BOLT, M8X 20	2							
28	1	26013-080252	BOLT, M8X 25	1							
29	1	26013-080452	BOLT, M8X 45	2							
30	1	26014-080252	BOLT, M8X 25	2							
31	1	26014-080252	BOLT, M8X 25	1							
32	1	26014-080302	BOLT, M8X 30	2							
33	1	26014-080402	BOLT, M8X 40	1							
34	1	26106-100202	BOLT, M10X 20 PLATED	1							
35	1	26106-100352	BOLT, M10X 35 PLATED	1							

Fig.30. AIR CONDITIONER(CONDENSER)(INNER PARTS)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

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

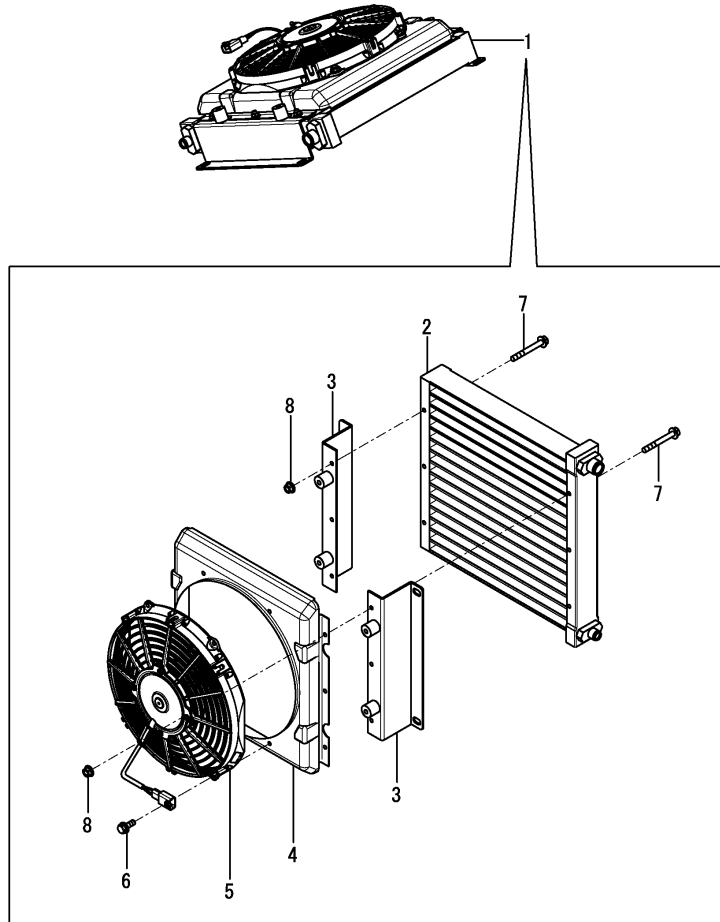
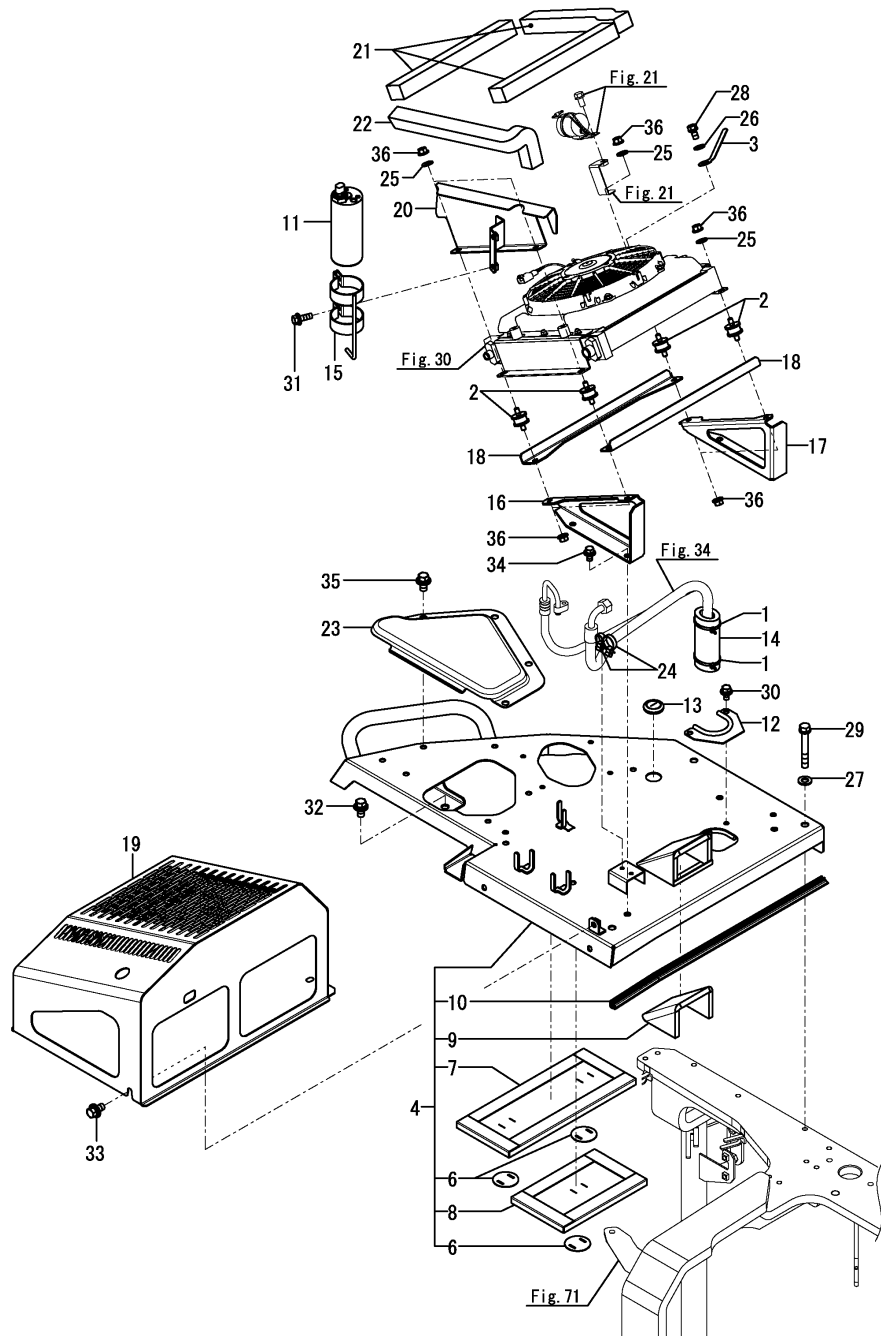


Fig.31. AIR CONDITIONER(CONDENSER RELATED)



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2							
2	1	172447-13550	MOUNT, PAD	4							
3	1	172126-16540	CLAMP	1							
4	1	172B11-18441	BASE ASSY,COND	1							
6	2	172B11-18570	PLATE, INSURETOR	3							
7	2	172B11-18580	INSULATOR,A	1							
8	2	172B11-18590	INSULATOR,H	1							
9	2	172B11-18680	INSULATOR,J	1							
10	2	172444-61320	RUBBER, SEAL	1							
11	1	172B06-18450	DRIER, RECEIVER	1							
12	1	172A89-18580	COVER, HOSE	1							
13	1	172B11-18880	GROMMET,30	1							
14	1	172B11-18900	SPONGE,42X120	1							
15	1	172B03-18950	BRACKET ASSY, R/D	1							
16	1	172B11-19500	BRACKET, COND F	1							
17	1	172B11-19520	BRACKET, COND R	1							
18	1	172B11-19580	RIB,COND BKT	2							
19	1	172B11-19610	COVER ASSY,COND	1							
20	1	172B11-19701	PLATE ASSY,SEAL COND	1							
21	1	172B11-19770	SEAL,310	3							
22	1	172B11-19780	SEAL,420	1							
23	1	172B12-62130	COVER,UPPER	1							
24	1	1E8490-84130	CLAMP, BAND	2							
25	1	22137-080000	WASHER, 8	4							
26	1	22137-080000	WASHER, 8	1							
27	1	22137-100000	WASHER, 10	3							
28	1	26013-080162	BOLT, M8X 16	1							
29	1	26013-100702	BOLT, M10X 70	3							
30	1	26014-080162	BOLT, M8X 16	2							
31	1	26014-080252	BOLT, M8X 25	2							
32	1	26014-100202	BOLT, M10X 20	1							
33	1	26014-100202	BOLT, M10X 20	4							
34	1	26014-100202	BOLT, M10X 20	4							
35	1	26014-100202	BOLT, M10X 20	4							
36	1	26051-080002	NUT, M8	8							

Fig.32. AIR CONDITIONER(UNIT)(INNER PARTS)

(A)=VIO82 C(AS)

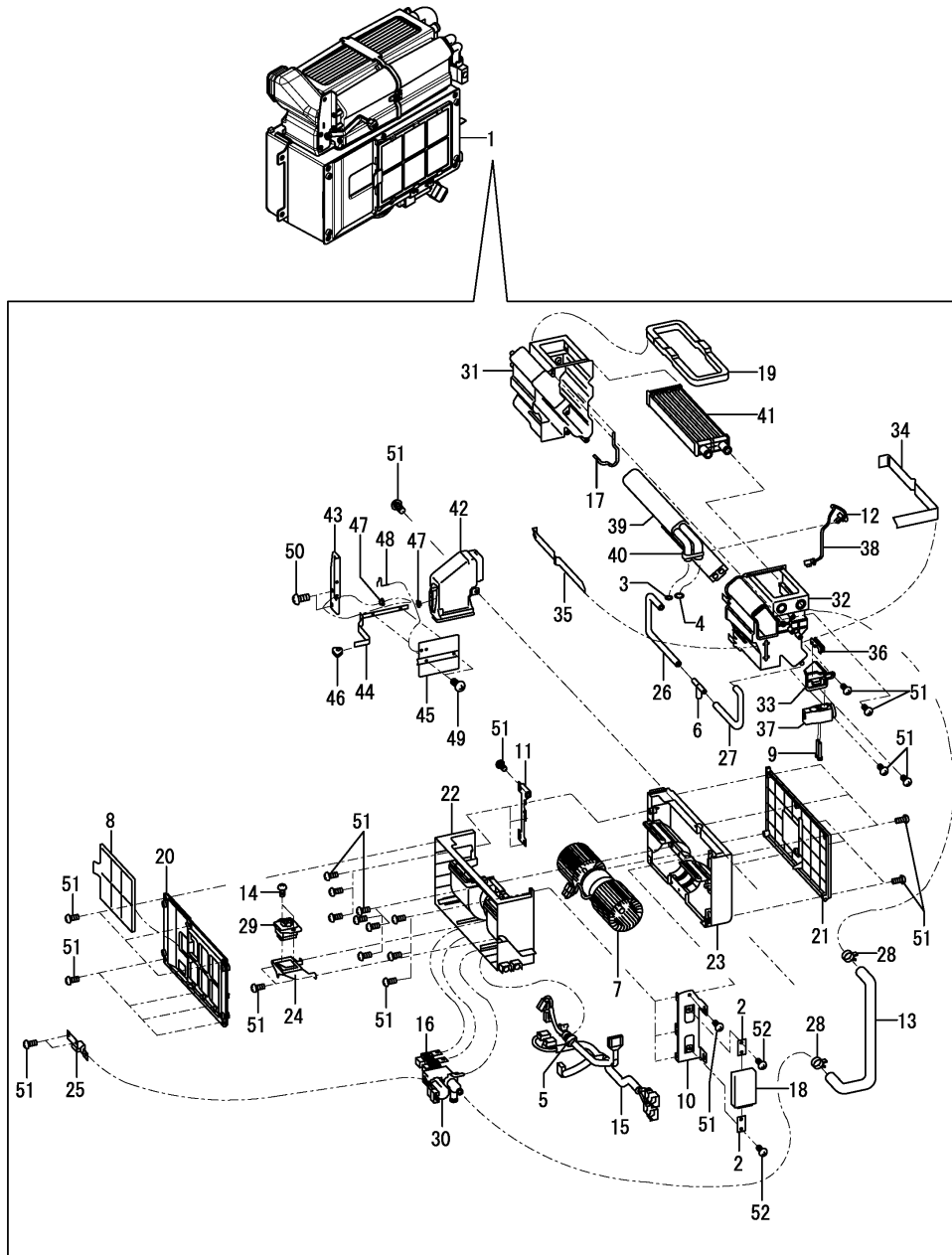
(B)=

(C)=

(D)=

(E)=

(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-19101	AIR CON UNIT	1							
2	2	172B06-18550	BRACKET,AMP	2							
3	2	172B06-18680	O-RING	1							
4	2	172B06-18690	O-RING	1							
5	2	172B06-18930	INSULATOR,HARNESS	1							
6	2	172B06-18960	ELBOW,DRAIN	1							
7	2	172B06-18970	MOTOR ASSY,BLOWER	1							
8	2	172B03-19120	FILTER, REC	1							
9	2	172B06-19120	BOLT, SOCKET M5X40	2							
10	2	172B03-19130	BRACKET, 1	1							
11	2	172B03-19140	BRACKET, 2	1							
12	2	172B06-19140	HOLDER,THERMISTOR	1							
13	2	172B03-19150	HOSE, HEATER	1							
14	2	172B06-19150	SCREW, PAN HEAD	2							
15	2	172B03-19191	HARNESS ASSY, HVAC	1							
16	2	172B03-19200	RELAY	2							
17	2	172B06-19200	SEAL,CASE	1							
18	2	172B03-19210	CONTROLLER, HVAC	1							
19	2	172B03-19220	SEAL, OUTLET	1							
20	2	172B03-19230	COVER, FRONT	1							
21	2	172B03-19240	COVER, BACK	1							
22	2	172B03-19250	CASE ASSY, LOW FRONT	1							
23	2	172B03-19260	CASE ASSY, LOW BACK	1							
24	2	172B03-19270	MOUNT, RESISTOR	1							
25	2	172B03-19280	RETAINER, VALVE	1							
26	2	172B03-19290	HOSE, DRAIN 1	1							
27	2	172B03-19300	HOSE, DRAIN 2	1							
28	2	172B03-19310	CLAMP, HOSE	2							
29	2	172B03-19320	RESISTOR	1							
30	2	172B03-19330	VALVE ASSY, WATER	1							
31	2	172B03-19340	CASE ASSY, UP FEMALE	1							
32	2	172B03-19350	CASE ASSY, UP MALE	1							
33	2	172B03-19360	COVER ASSY, PAF	1							
34	2	172B03-19370	SEAL, AC-UNIT 1	1							
35	2	172B03-19380	SEAL, AC-UNIT 2	1							
36	2	172B03-19390	RETAINER, TXV	1							
37	2	172B03-19400	VALVE, EXPANSION	1							
38	2	172B03-19410	SENSOR, TEMPERATURE	1							
39	2	172B03-19420	EVAPORATOR ASSY	1							
40	2	172B03-19430	STAY	1							
41	2	172B03-19440	HEATER ASSY	1							
42	2	172B03-19450	DUCT ASSY	1							
43	2	172B03-19460	BRACKET, DUCT	1							
44	2	172B03-19470	LEVER ASSY, DOOR	1							
45	2	172B03-19480	DOOR ASSY	1							
46	2	172B03-19490	KNOB	1							
47	2	172B03-19500	SPACER, C	2							
48	2	172B03-19510	SPRING	1							
49	2	172B03-19520	SCREW, 3X6	2							
50	2	172B03-19530	SCREW, 4X10	2							
51	2	172B03-19540	SCREW, 4X16	36							

Fig.32. AIR CONDITIONER(UNIT)(INNER PARTS)

(A)=VIO82 C(AS)
(B)=
(C)=

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

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

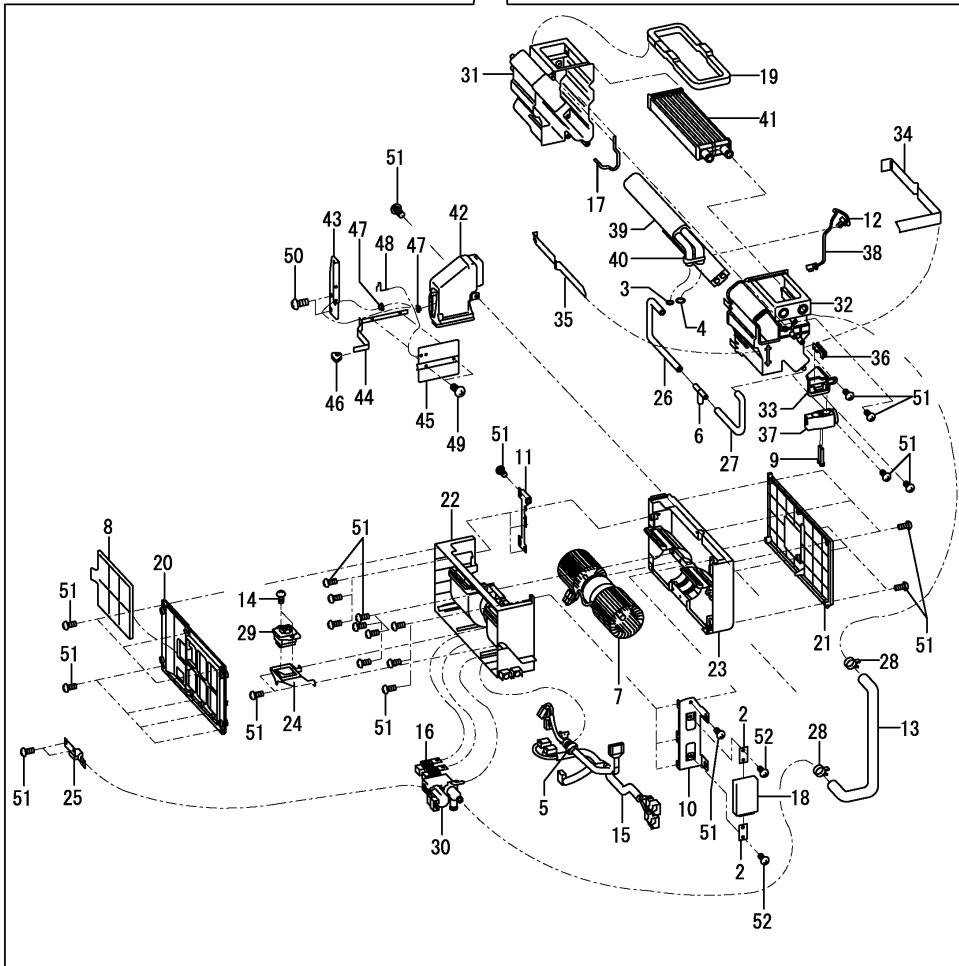
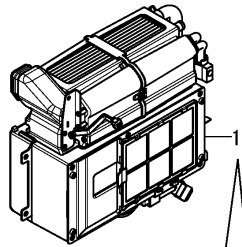
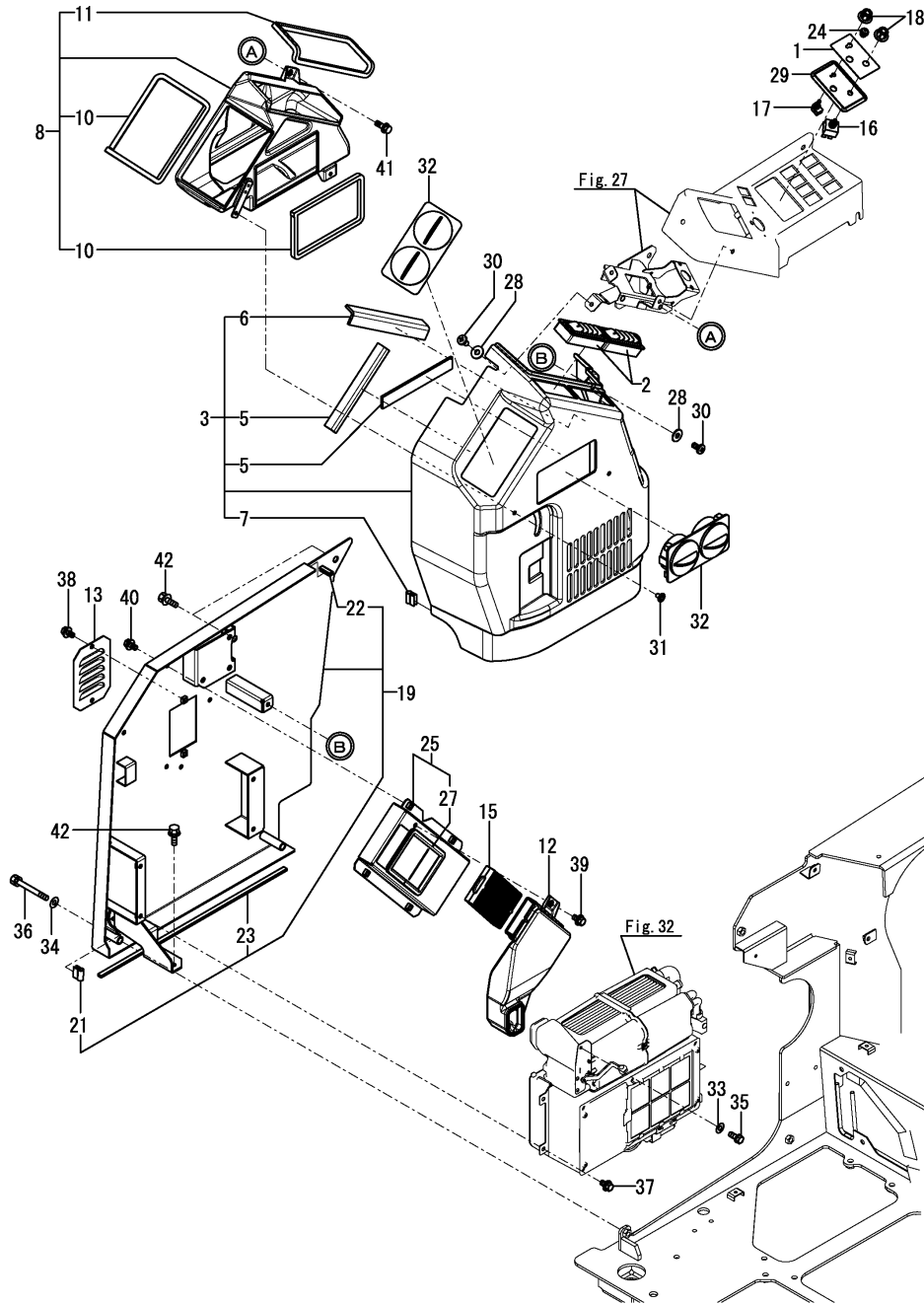


Fig.33. AIR CONDITIONER(CABIN RELATED)

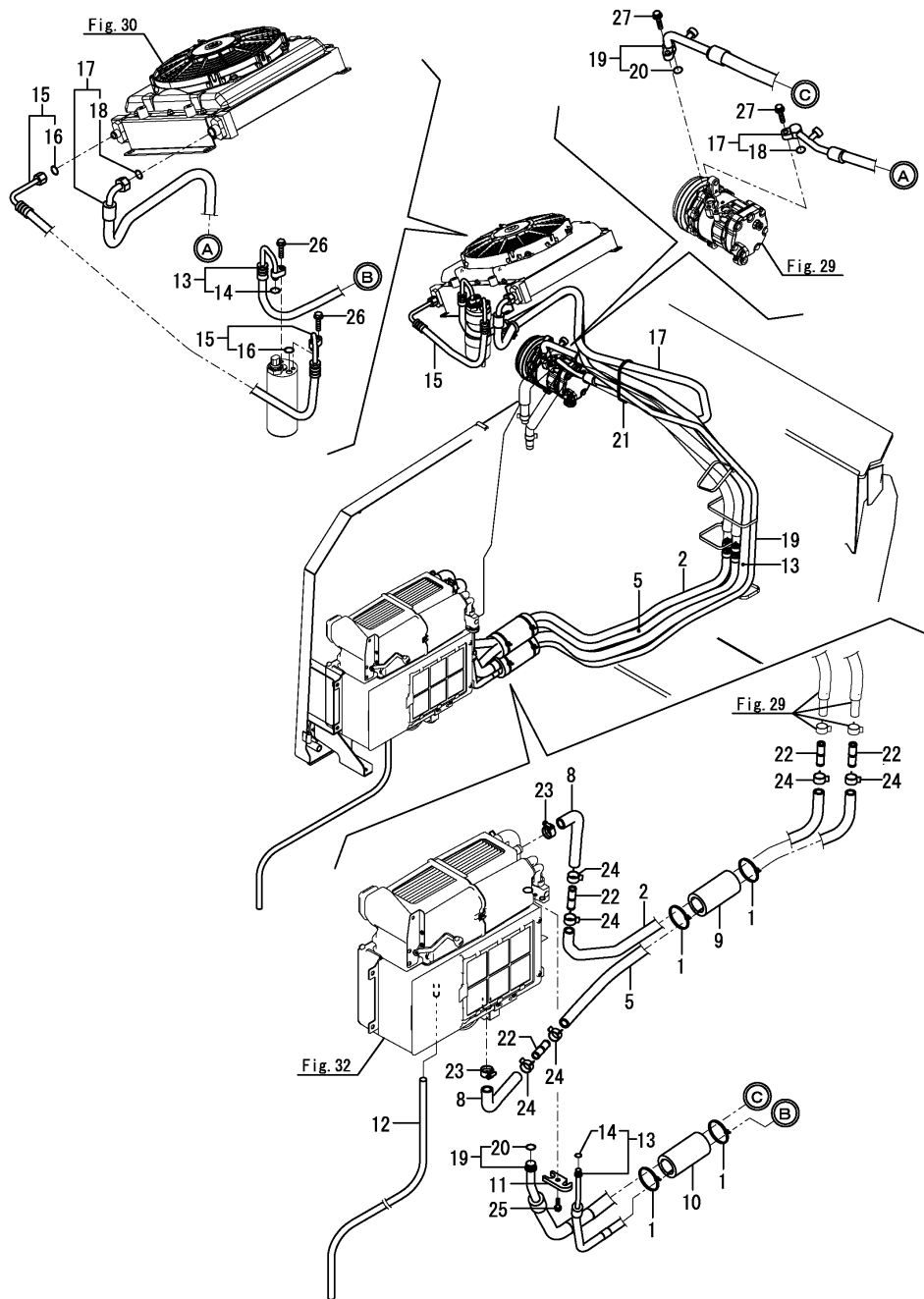


(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
2	1	172458-17700	GRILLE	2							
3	1	172B11-18210	COVER ASSY,A/C D	1							
5	2	172B11-18240	SEAT,INSULATOR A	2							
6	2	172B11-18250	SEAT,INSULATOR B	1							
7	2	172B11-19760	SEAL, 25	1							
8	1	172B11-18700	DUCT ASSY,A/C	1							
10	2	172A69-18750	SEAL, DUCT	2							
11	2	172B11-18810	SEAL,700	1							
12	1	172B11-18740	DUCT,A/C FRESH AIR	1							
13	1	172B11-18780	LOUVER	1							
15	1	172B06-18420	FILTER, AIR	1							
16	1	172B06-18560	SWITCH, BLOWER	1							
17	1	172B06-18570	SWITCH, THERMO	1							
18	1	172B06-18580	KNOB	2							
19	1	172B11-19110	BRACKET ASSY,AC U	1							
21	2	172B11-19760	SEAL, 25	1							
22	2	172455-61580	TRIM	1							
23	2	172458-64140	SEAL	1							
24	1	172B03-19160	SWITCH ASSY	1							
25	1	172B11-19250	DUCT ASSY	1							
27	2	172162-62540	SEAL, STEP	1							
28	1	172458-62430	WASHER	2							
29	1	172B03-63670	PANEL, AC D	1							
30	1	172137-69850	SCREW	2							
31	1	1A8060-84280	RIVET, PUSH	2							
32	1	1A7030-87411	GRILLE ASSY, FRONT	2							
33	1	22117-060000	WASHER, 6	1							
34	1	22137-100000	WASHER, 10	2							
35	1	26013-060102	BOLT, M6X 10	1							
36	1	26013-100852	BOLT, M10X 85	2							
37	1	26014-080162	BOLT, M8X 16	4							
38	1	26014-080162	BOLT, M8X 16	2							
39	1	26014-080162	BOLT, M8X 16	1							
40	1	26014-080162	BOLT, M8X 16	4							
41	1	26014-080202	BOLT, M8X 20	1							
42	1	26014-100252	BOLT, M10X 25	3							

Fig.34. AIR CONDITIONER(PIPING)

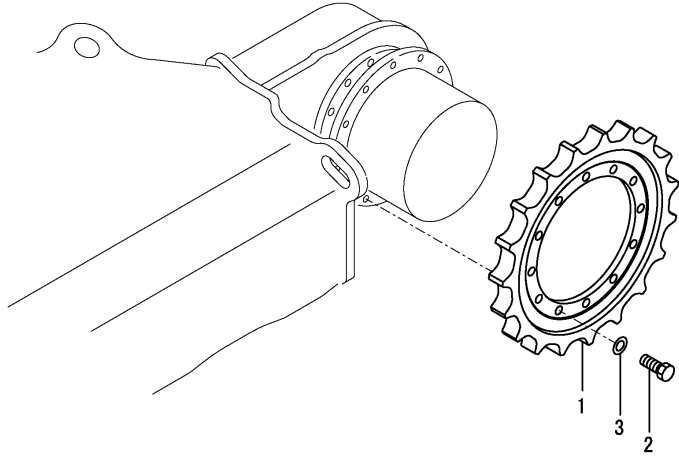


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.35. SPROCKET

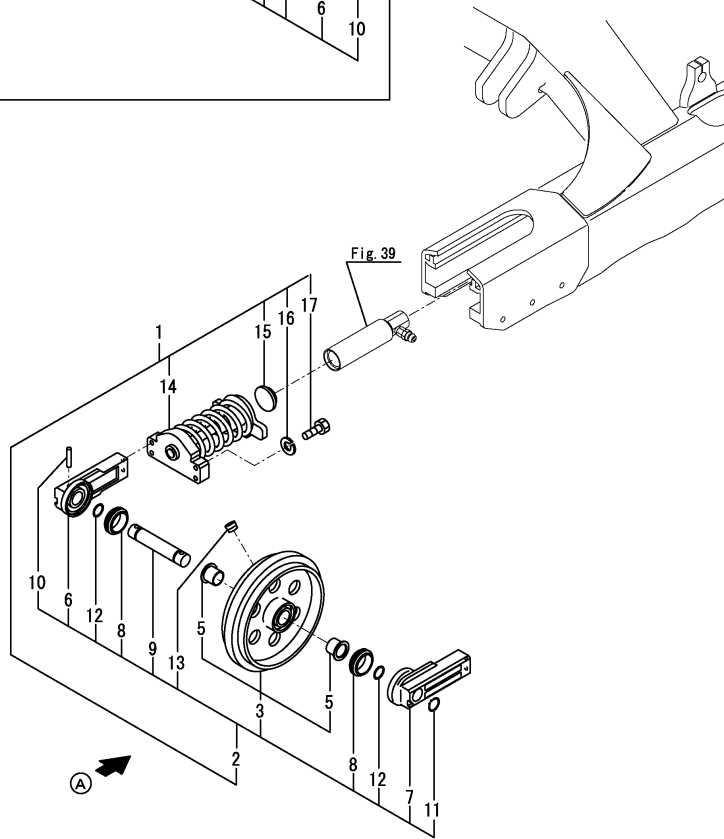
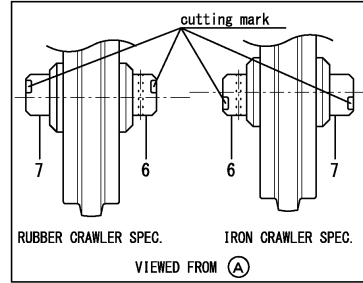
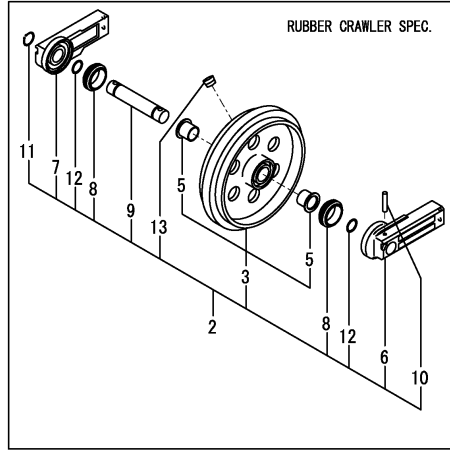


(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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	1	172455-29140	BOLT	24							
3	1	172455-29150	WASHER	24							

Fig.36. IDLER & ADJUST



(A)=VIO82 C(AS)
(B)=
(C)=

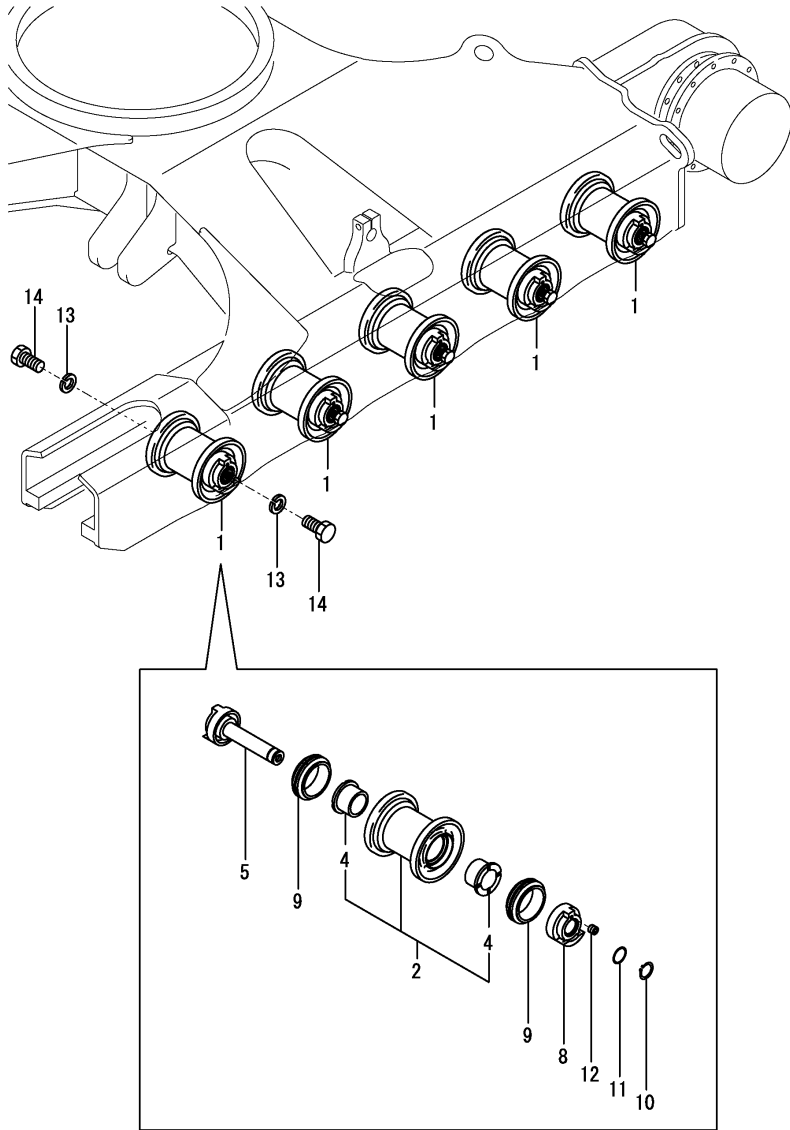
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772478-37120-1	IDLER ASSY	2							
2	2	772478-37101-2	IDLER ASSY	2							1
3	3	172478-37101	IDLER ASSY	2							
5	4	172478-37122	BUSH, FLANGE 44	4							
6	3	172478-37141	SEAL COVER A, IDLER	2							
7	3	172478-37151	SEAL COVER B, IDLER	2							
8	3	172455-37160	SEAL, FLOATING	4							
9	3	172455-37170	SHAFT, IDLER	2							
10	3	172455-37180	PIN, SPRING	2							
11	3	22242-000400	RING, 40	2							
12	3	24311-000380	O-RING, 1AP38.0	4							
13	3	933171-13691	PLUG	2							
14	2	172187-37700-3	ADJUSTER ASSY	2							
15	2	172162-37810	PLATE, ADJUSTER	2							
16	2	22217-140000	WASHER, SPRING 14	8							
17	2	26116-140602	BOLT, M14X 60 PLATED	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.37. TRACK ROLLER

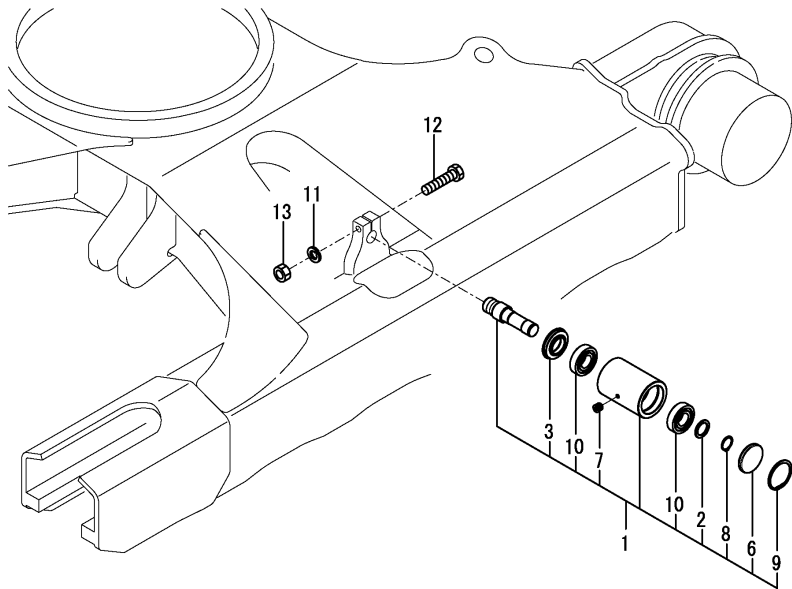


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.38. CARRIER ROLLER



(A)=VIO82 C(AS)
(B)=
(C)=

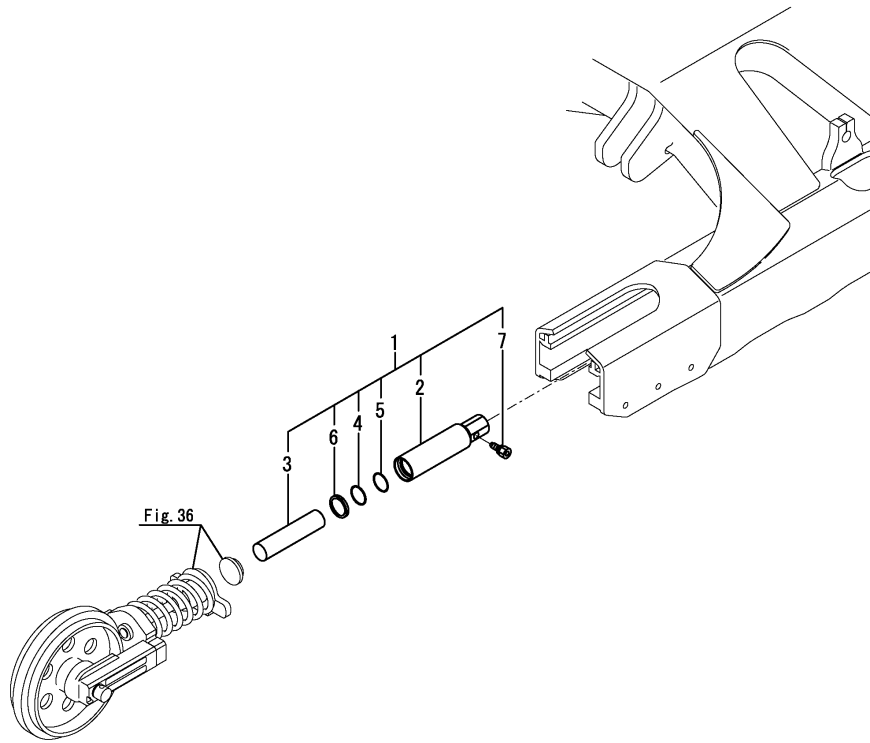
(D)=
(E)=
(F)=

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	172730-31630	COLLAR	2							
3	2	172164-37120	SEAL, OIL	2							
6	2	172A89-37530	CAP,SEALING 72	2							
7	2	194630-42120	PLUG, PT1/8	2							
8	2	22242-000350	RING, 35	2							
9	2	22252-000720	RING, 72	2							
10	2	24101-062074	BEARING, BALL 6207	4							
11	1	22217-160000	WASHER, SPRING 16	2							
12	1	26116-160852	BOLT, M16X 85 PLATED	2							
13	1	26716-160002	NUT, M16	2							

Fig.39. CRAWLER ADJUST

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

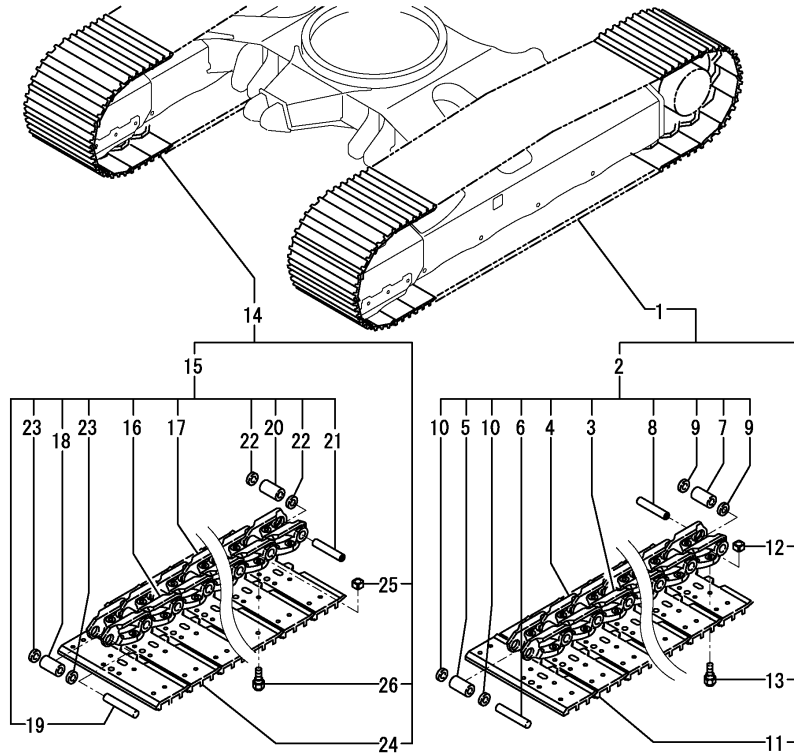


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-37750	CYLINDER ASSY, ADJUS	2							
2	2	172B11-37760	TUBE ASSY,ADJUST	2							
3	2	172B11-37790	PISTON	2							
4	2	172B11-37800	RING, BACK UP	2							
5	2	172B11-37810	SEAL, ISI 55X65X6	2							
6	2	172B11-37820	SEAL,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

Fig.40. IRON CRAWLER

(A)=VIO82 C(AS)
(B)=
(C)=

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

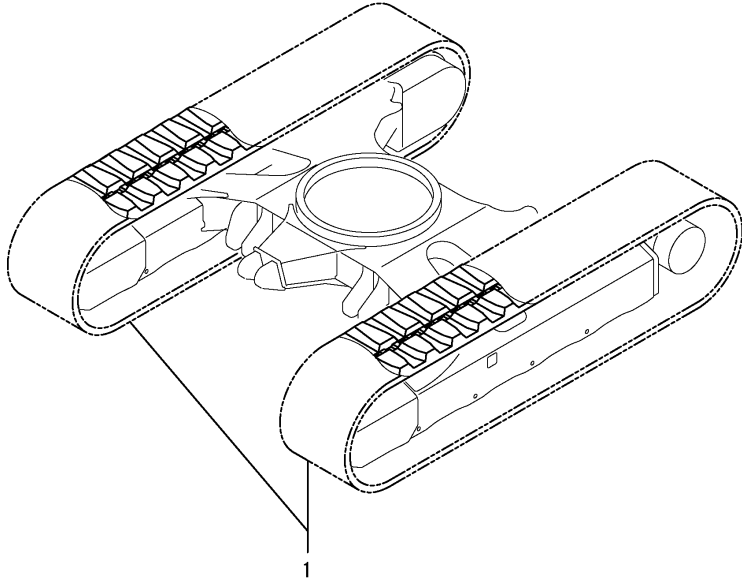


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-38100	SHOE ASSY,TRACK 450L	1							
2	2	172B11-38120	LINK ASSY	1							
3	3	172B11-38180	LINK, TRACK L	39							
4	3	172B11-38190	LINK, TRACK R	39							
5	3	172B11-38220	BUSH, TRACK	38							
6	3	172B11-38230	PIN,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

Fig.41. RUBBER CRAWLER

(A)=VIO82 C(AS)
 (B)=
 (C)=

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



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-38601	CRAWLER, RUBBER	2							

Fig.42. TRAVEL LEVER

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	1	172A69-45251	LEVER R ASSY,TRACK	1							
3	1	172187-45870	GRIP, DRIVE	1							
4	1	172187-45880	GRIP, DRIVE	1							
5	1	22117-040000	WASHER, 4	2							
6	1	26013-100202	BOLT, M10X 20	4							
7	1	26587-040122	SCREW, M4X12	2							

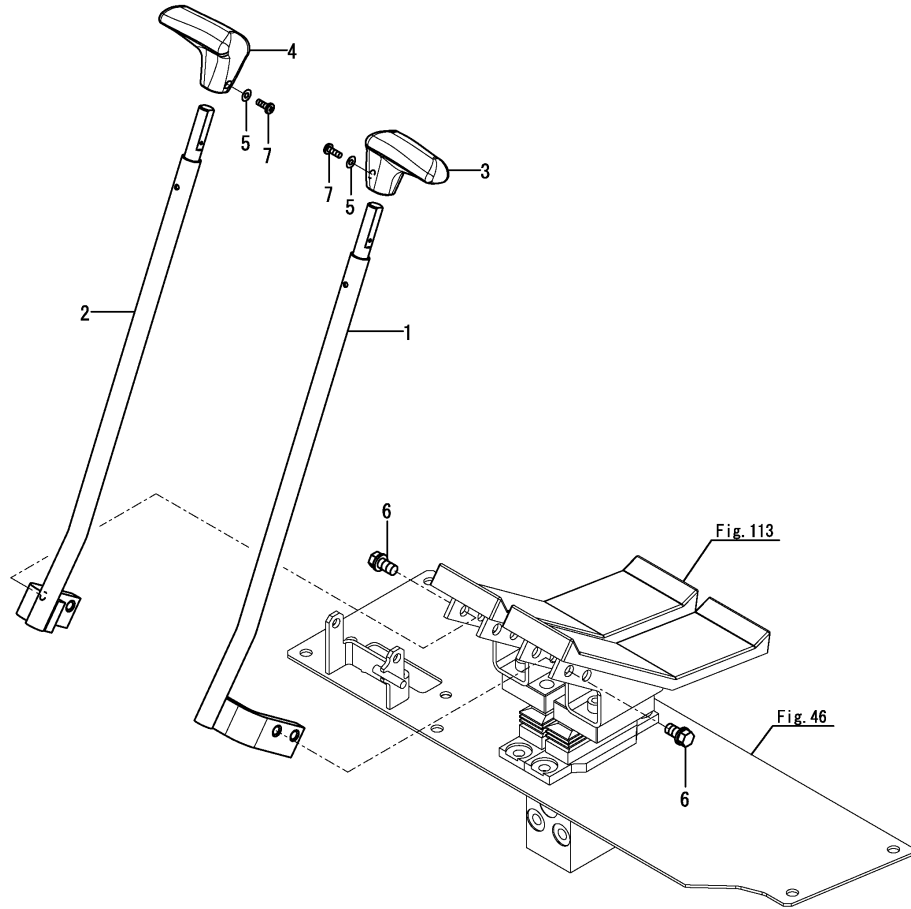
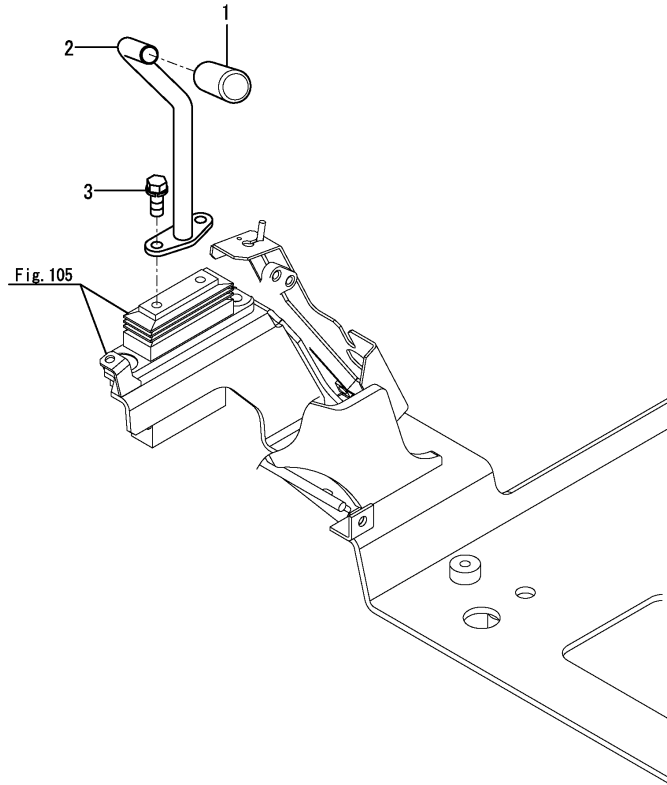


Fig.43. BLADE LEVER



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172964-12140	GRIP	1							
2	1	172A69-45851	LEVER ASSY, BLADE	1							
3	1	26013-080162	BOLT, M8X 16	2							

Fig.44. SWING PEDAL

(A)=VIO82 C(AS)
(B)=
(C)=

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

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

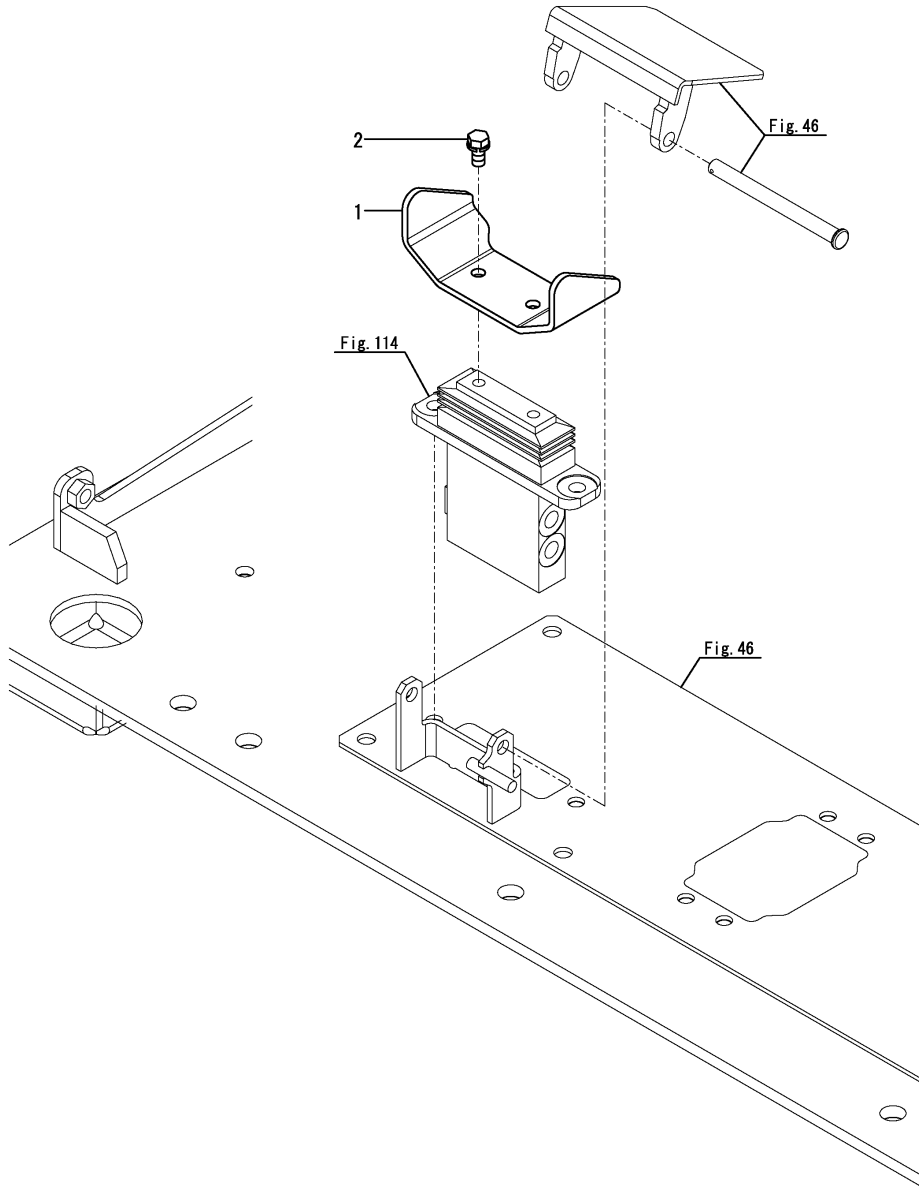
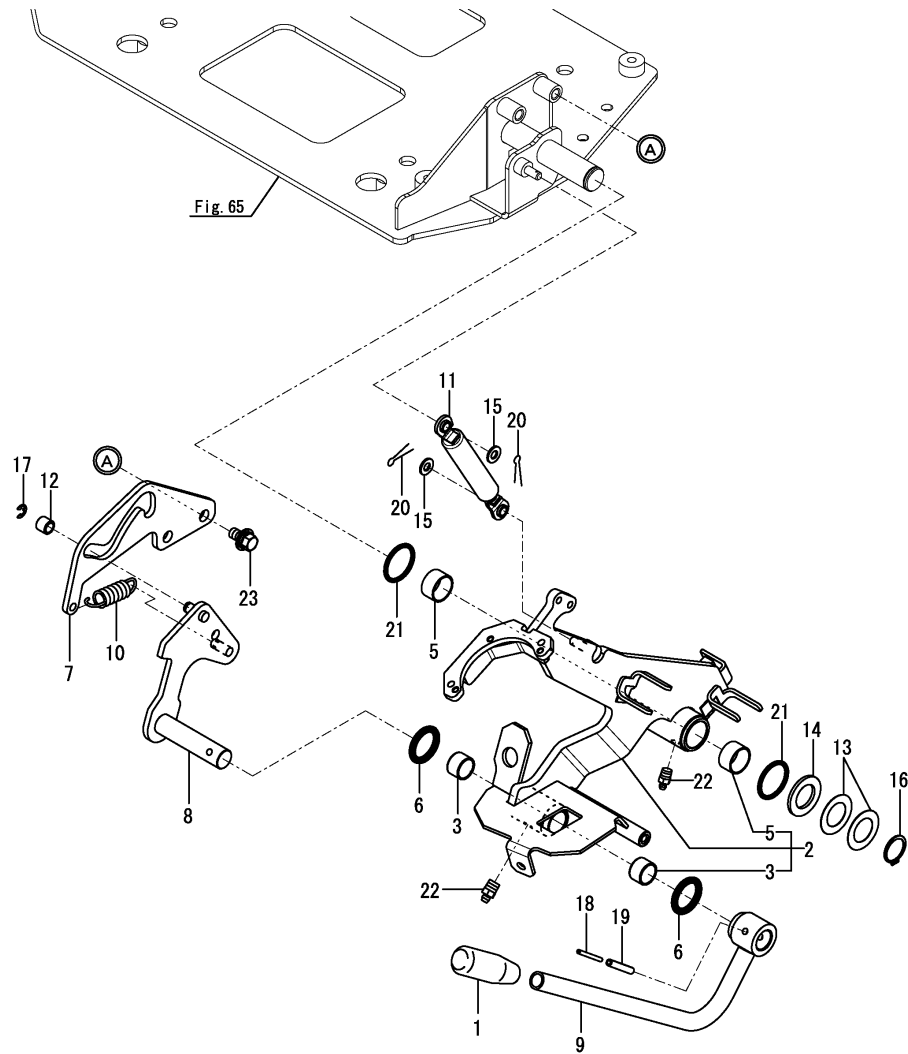


Fig.45. LOCK LEVER & LEVER STAND



(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.46. PEDAL STAND

(A)=VIO82 C(AS)
(B)=
(C)=

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

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

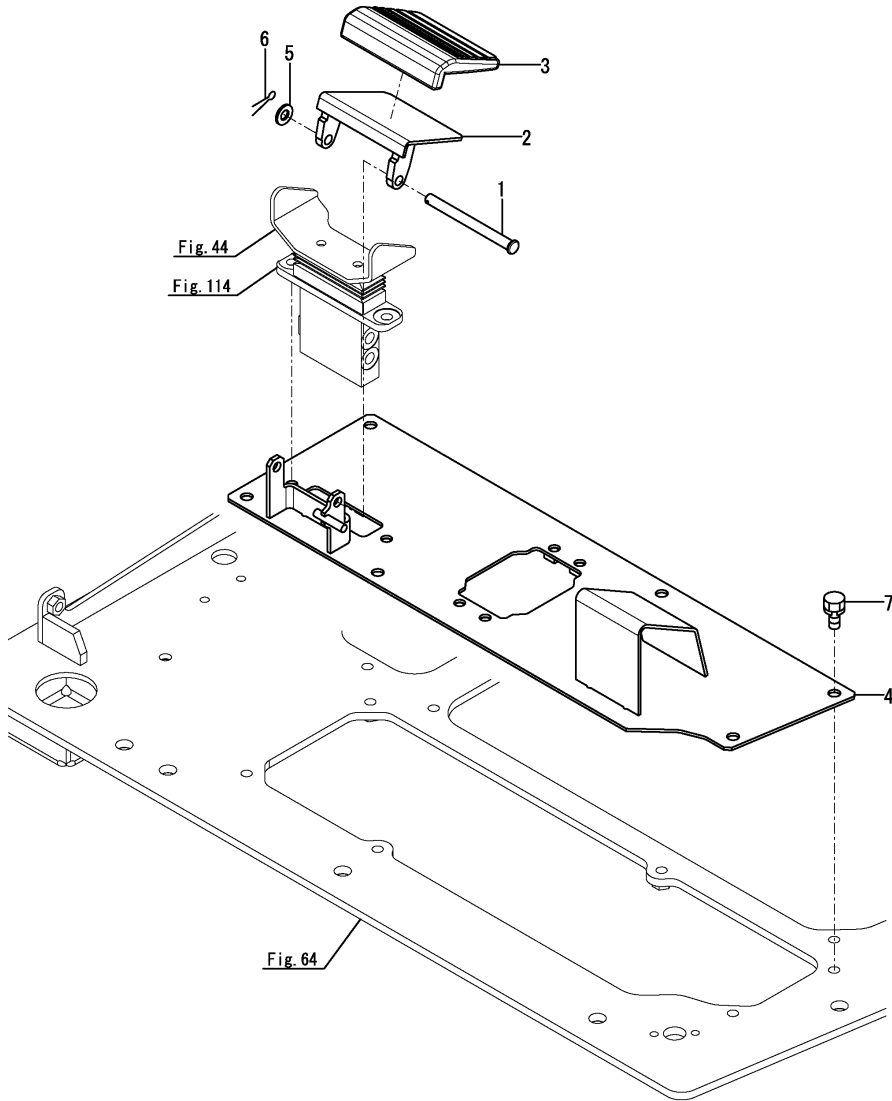


Fig.47. ARMREST

(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172441-44320	ARMREST	2							
2	1	172A46-46500	GUIDE ASSY	1							
3	1	172A46-46530	PLATE, GUIDE	1							
4	1	172519-63240	BOLT	4							
5	1	172519-63240	BOLT	4							

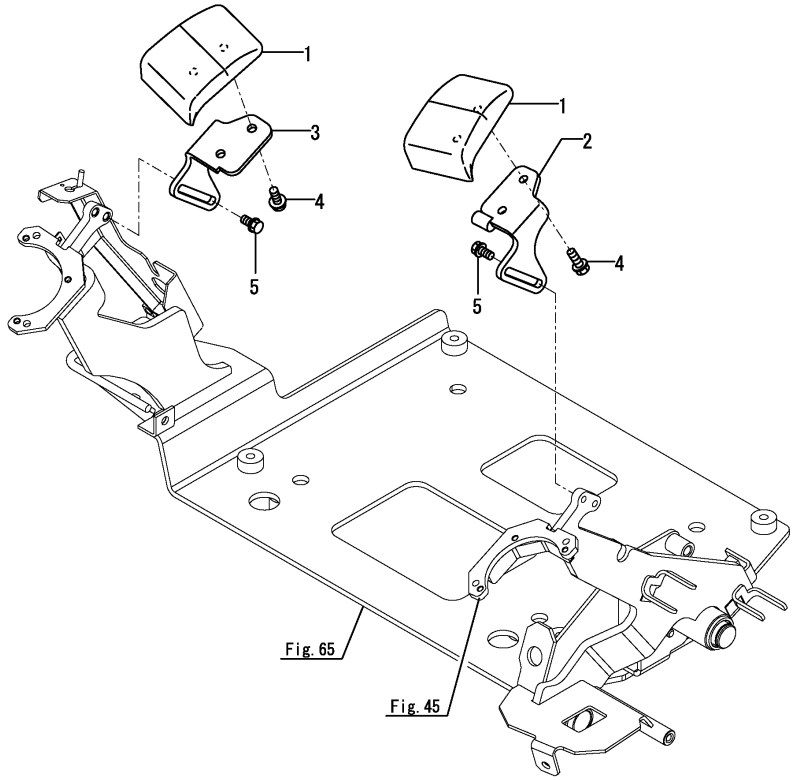


Fig.48. TRAVEL FRAME

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

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

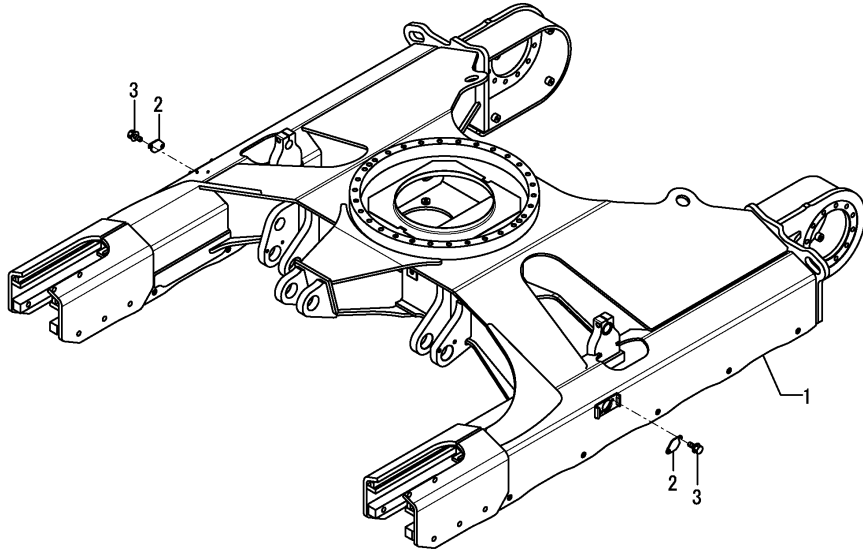
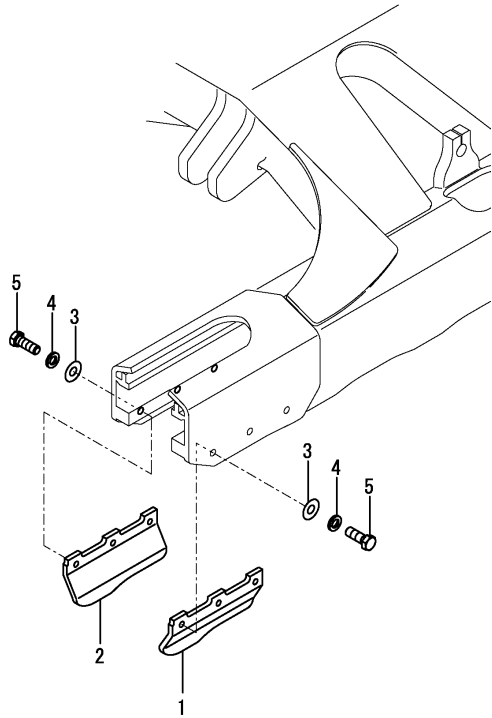


Fig.49. CRAWLER GUARD

(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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	1	172187-50811-3	PLATE, GUARD	2							
3	1	22137-160000	WASHER, 16	12							
4	1	22217-160000	WASHER, SPRING 16	12							
5	1	26116-160402	BOLT, M16X 40 PLATED	12							

Fig.50. COUNTER WEIGHT

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
3	2	172B11-53340	SPONGE, WEIGHT A	1							
4	2	172B11-53350	SPONGE, WEIGHT B	1							
5	2	172B11-53360	SPONGE, WEIGHT C	1							
6	2	172B11-53370	SPONGE, WEIGHT D	1							
7	2	172B11-53380	SPONGE, WEIGHT E	1							
8	1	172187-53321	WASHER	4							
9	1	172455-53331	BOLT	4							
10	1	172456-53700	GROMMET	2							

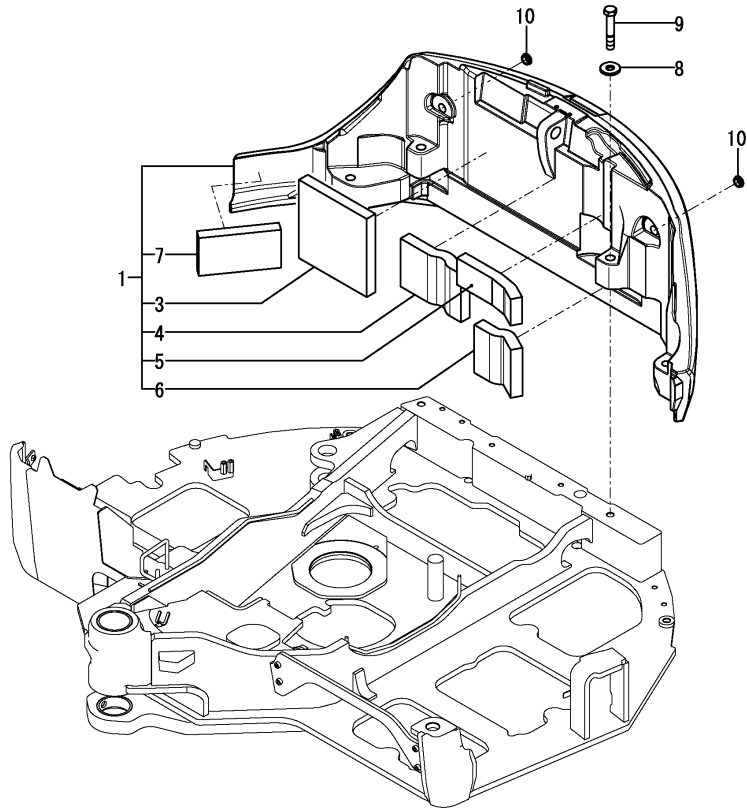
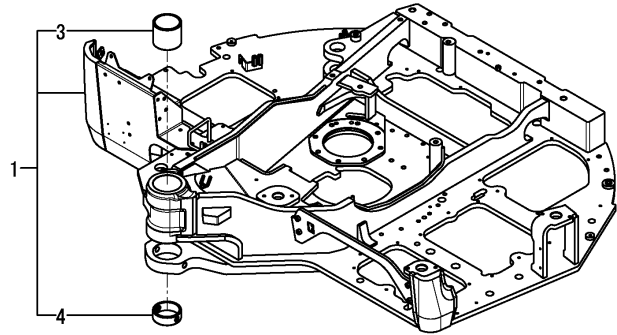


Fig.51. TURNING FRAME

(A)=VIO82 C(AS)
 (B)=
 (C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B36-54100	FRAME ASSY, TURNING	1								
3	2	172A89-54500	BUSH 100X100	1								
4	2	172187-54760	BUSH	1								

Fig.52. TURNING BEARING

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
3	2	172A89-57620	SEAL	2							
4	1	172A69-57650	BOLT	30							
5	1	172162-57660	PIN, PARALLEL	4							
6	1	172A69-57660	BOLT	28							

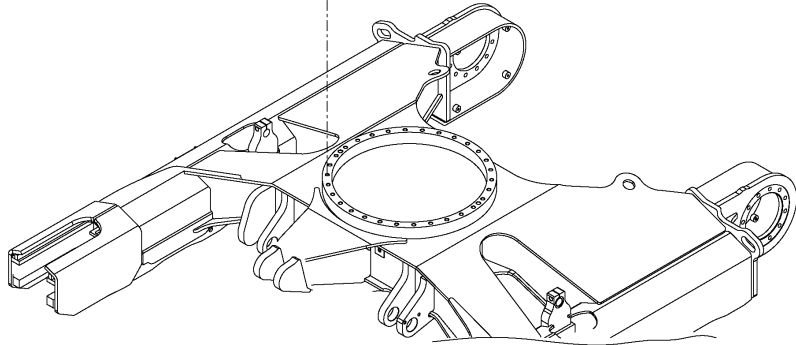
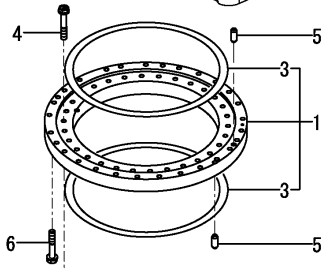
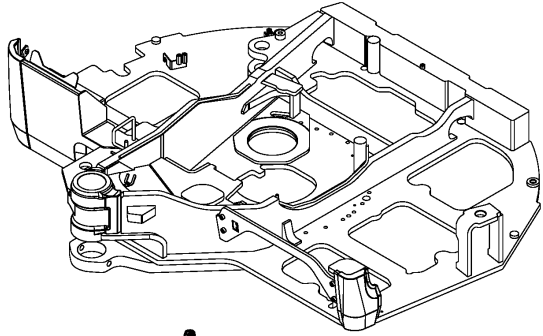
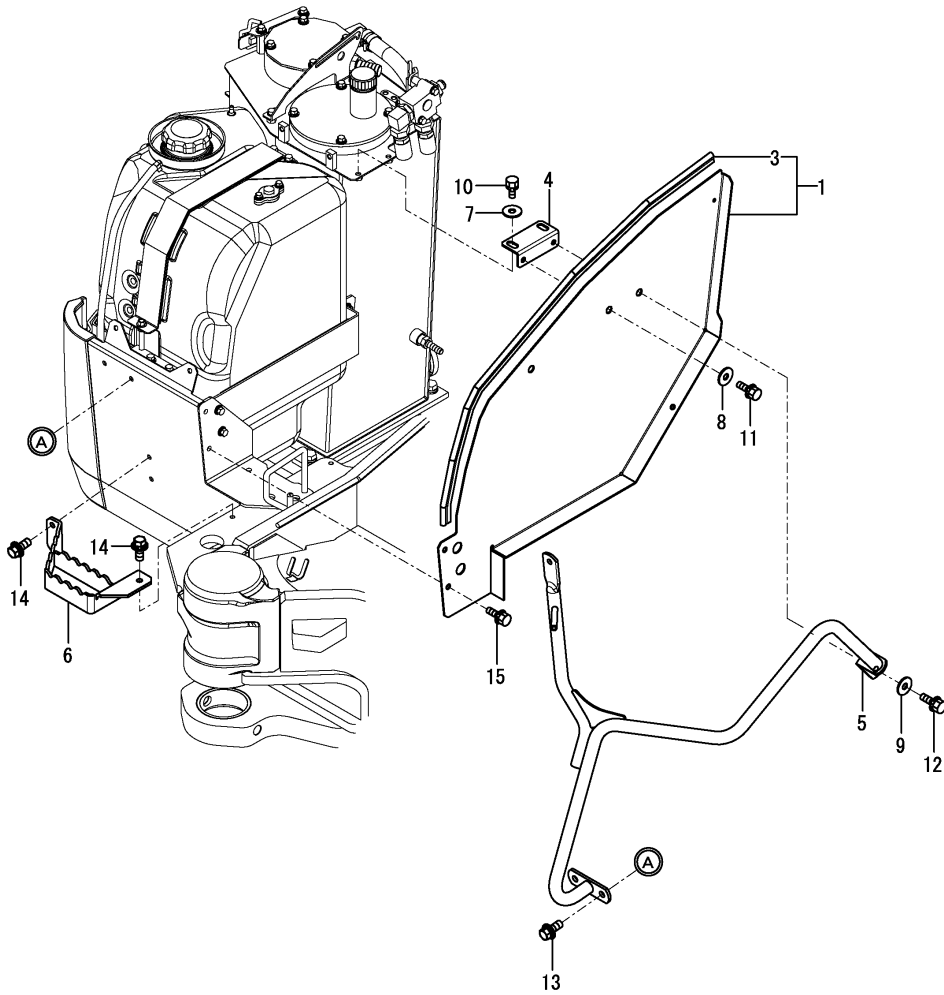


Fig.53. COVER(FUEL TANK SIDE)

(A)=VIO82 C(AS)
(B)=
(C)=

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

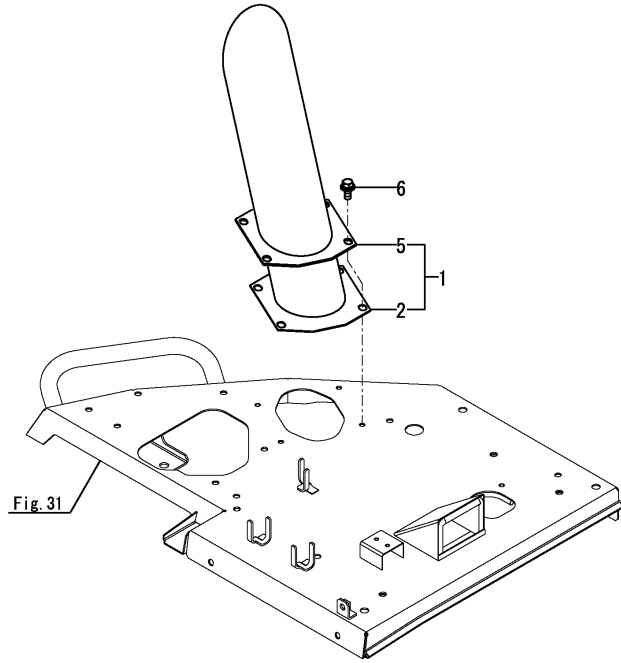


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61601	COVER ASSY,FO	1							
3	2	172B11-61650	SEAL,1060	1							
4	1	172B11-61660	STAY ASSY,COVER	1							
5	1	172B11-61830	GRIP ASSY, MIRROR	1							
6	1	172A69-62050	STEP ASSY	1							
7	1	22157-100000	WASHER, 10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

Fig.54. TAIL COVER

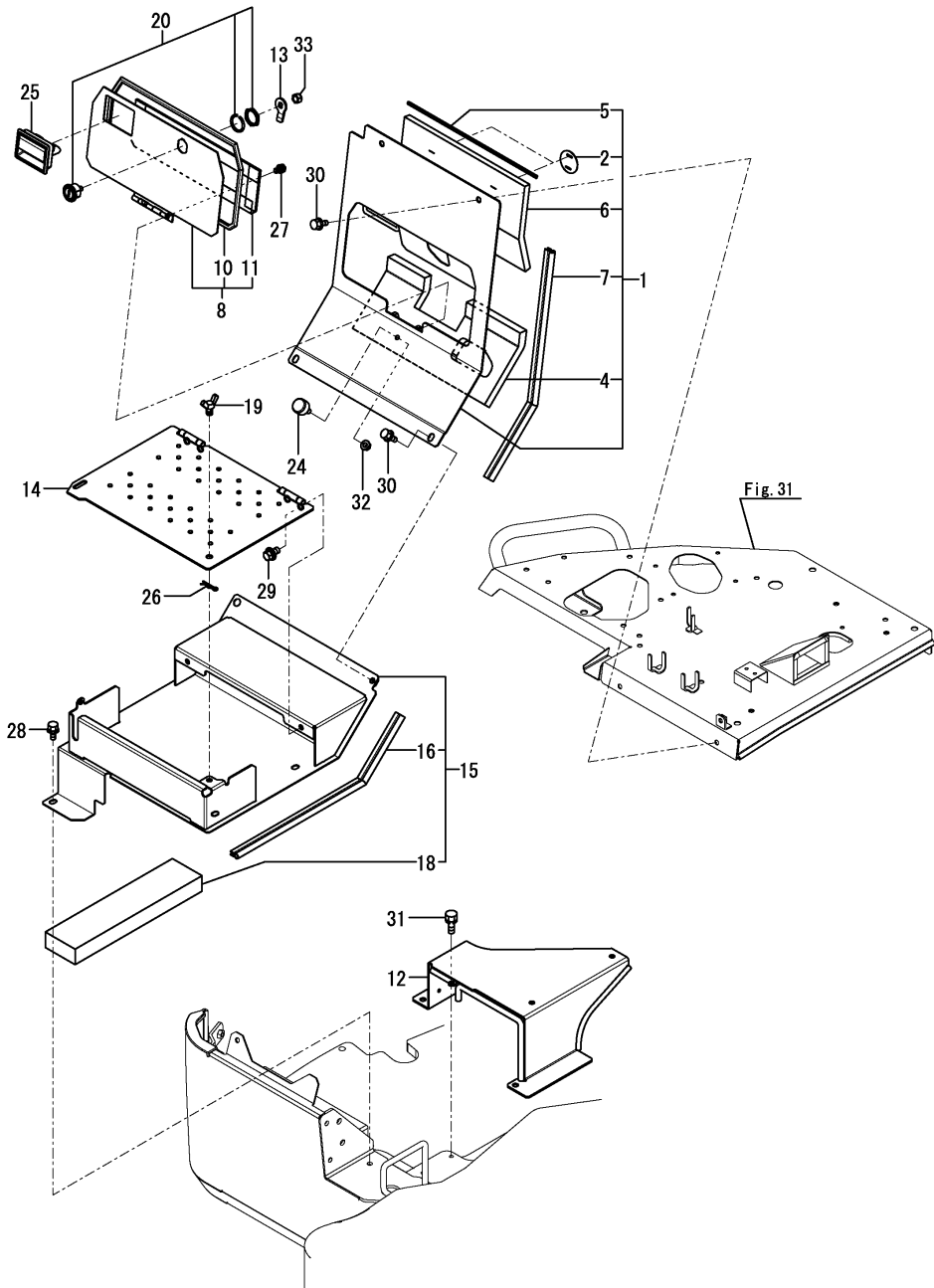
(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61900	COVER ASSY, TAIL	1							
2	2	172B11-61910	COVER ASSY, TAIL A	1							
5	2	172B11-61950	COVER ASSY, TAIL B	1							
6	1	26014-080202	BOLT, M8X 20	4							

Fig.55. CENTER COVER



(A)=VIO82 C(AS)
(B)=
(C)=

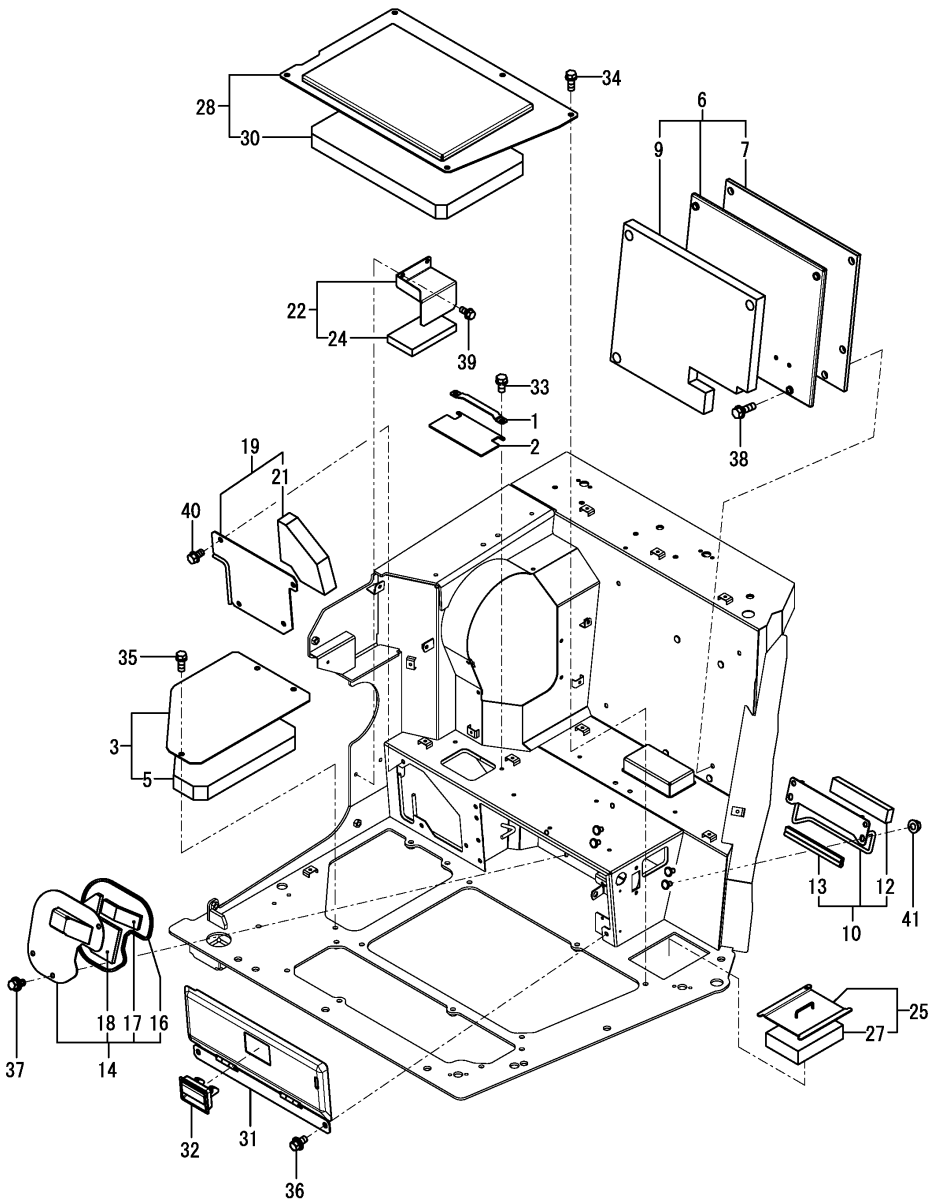
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61680	COVER ASSY, CENTER	1							
2	2	172B11-18570	PLATE, INSURETOR	2							
4	2	172B11-61720	SPONGE, A COVER	1							
5	2	172B11-61730	SEAL, 385	1							
6	2	172B11-61810	INSULATOR,B	1							
7	2	172A64-64940	SEAL, 560	1							
8	1	172B11-61760	COVER ASSY,ENG	1							
10	2	172A69-61780	SEAL	1							
11	2	172B11-61820	INSULATOR,G	1							
12	1	172A89-61800	BRACKET ,COVER (49)	1							
13	1	172B11-61800	PLATE, LOCK	1							
14	1	172A89-61880	COVER ASSY, TOOL BOX	1							
15	1	172A89-61900	BASE ,TOOL BOX (49)	1							
16	2	172A69-13690	SEAL	1							
18	2	172A89-61981	EV A,TOOL BOX	1							
19	1	172142-62301	BOLT, WING	1							
20	1	172B03-66170	CYLINDER ASSY, KEY	1							
24	1	172176-67150	RUBBER, STOPPER	1							
25	1	172B02-69040	HANDLE, LOCK BLACK	1							
26	1	22372-100000	PIN, SNAP 10	1							
27	1	26013-080122	BOLT, M8X 12	2							
28	1	26014-100202	BOLT, M10X 20	3							
29	1	26014-100202	BOLT, M10X 20	2							
30	1	26014-100202	BOLT, M10X 20	4							
31	1	26014-100202	BOLT, M10X 20	3							
32	1	26051-080002	NUT, M8	1							
33	1	26347-100002	NUT, M10	1							

Fig.56. COVER(SEAT MOUNT)

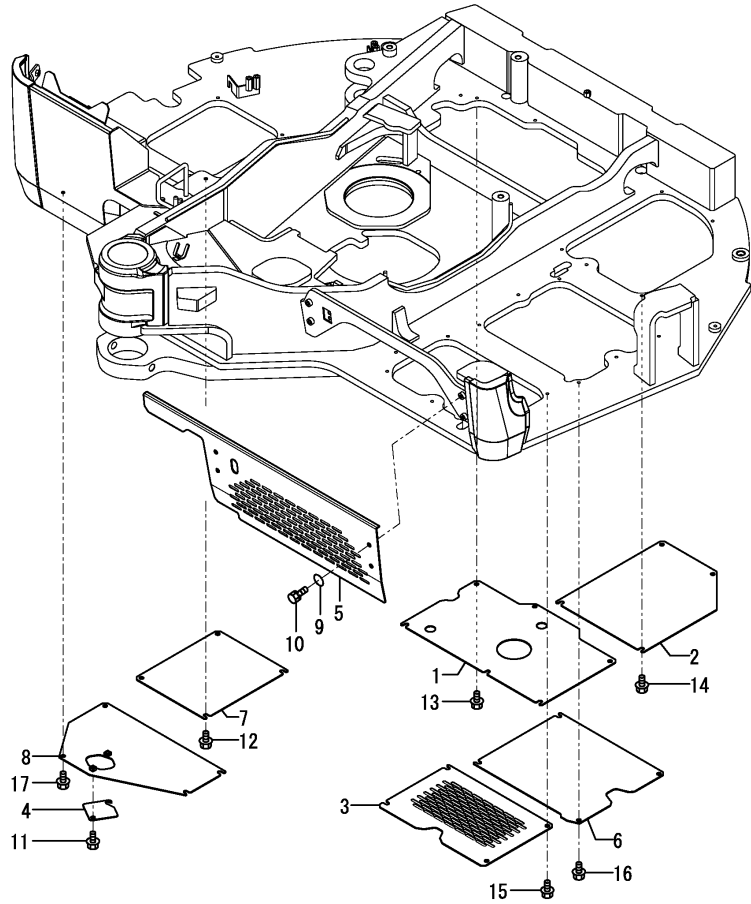
(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-61010	BRACKET, PLATE	1							
2	1	172A69-61020	PLATE, RUBBER	1							
3	1	172B11-61050	PLATE ASSY	1							
5	2	172B11-61060	SPONGE, PLATE	1							
6	1	172B11-61140	COVER ASSY,SEAT	1							
7	2	172A69-61120	SPONGE	1							
9	2	172B11-61290	SPONGE, COVER REAR	1							
10	1	172B36-61150	COVER ASSY,P HOSE	1							
12	2	172B36-64730	SPONGE, SEAT MOUNT F	1							
13	2	172A65-64840	SEAL, 190	1							
14	1	172B36-61200	COVER ASSY, S/M	1							
16	2	172B36-61240	SEAL, 5X5X780	1							
17	2	172B36-64650	SPONGE, SEAT MOUNT D	1							
18	2	172B36-64660	SPONGE, SEAT MOUNT E	1							
19	1	172B11-61240	COVER ASSY,AC HOSE	1							
21	2	172B11-61280	SPONGE,AC HOSE COVER	1							
22	1	172B11-61420	COVER ASSY, FLOOR MA	1							
24	2	172B11-61470	SPONGE,MAT COVER	1							
25	1	172B27-61800	COVER ASSY,MULTI	1							
27	2	172B27-61810	SPONGE,MULTI COVER	1							
28	1	172B11-62200	STEP ASSY	1							
30	2	172B11-62210	SPONGE, STEP	1							
31	1	172A69-64760	COVER ASSY	1							
32	1	172B02-69040	HANDLE,LOCK BLACK	1							
33	1	26013-080162	BOLT, M8X 16	2							
34	1	26013-100252	BOLT, M10X 25	5							
35	1	26013-100252	BOLT, M10X 25	3							
36	1	26014-100202	BOLT, M10X 20	2							
37	1	26014-100202	BOLT, M10X 20	3							
38	1	26014-100302	BOLT, M10X 30	4							
39	1	26106-080162	BOLT, M8X 16 PLATED	2							
40	1	26106-100162	BOLT, M10X 16 PLATED	4							
41	1	26366-100002	NUT, M10	4							

Fig.58. COVER(TURNING FRAME)



(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.59. FRAME GUARD(LEFT)

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
3	2	172B11-61380	SPONGE, GUARD L A	1							
4	2	172B11-61390	SPONGE, GUARD L B	1							
5	1	26106-100202	BOLT, M10X 20 PLATED	2							

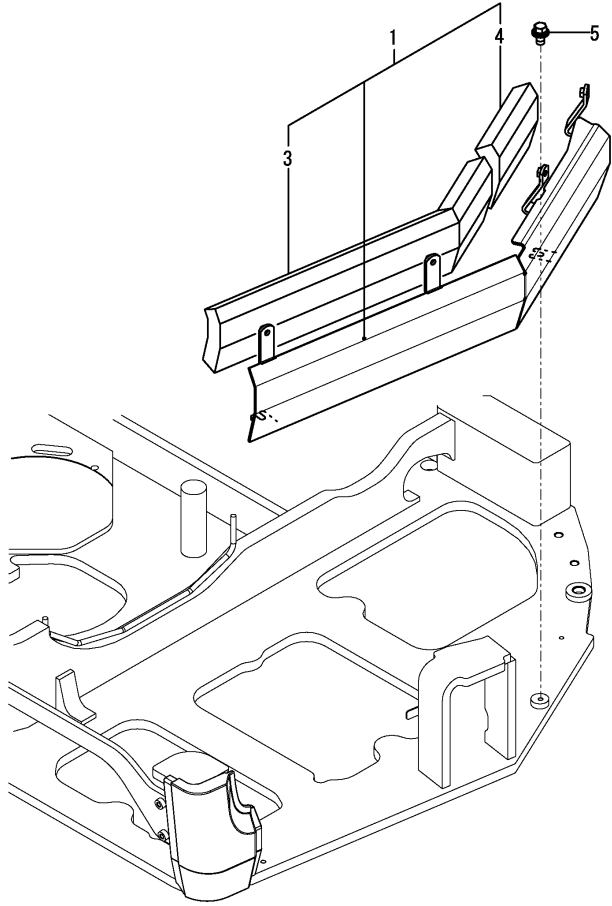
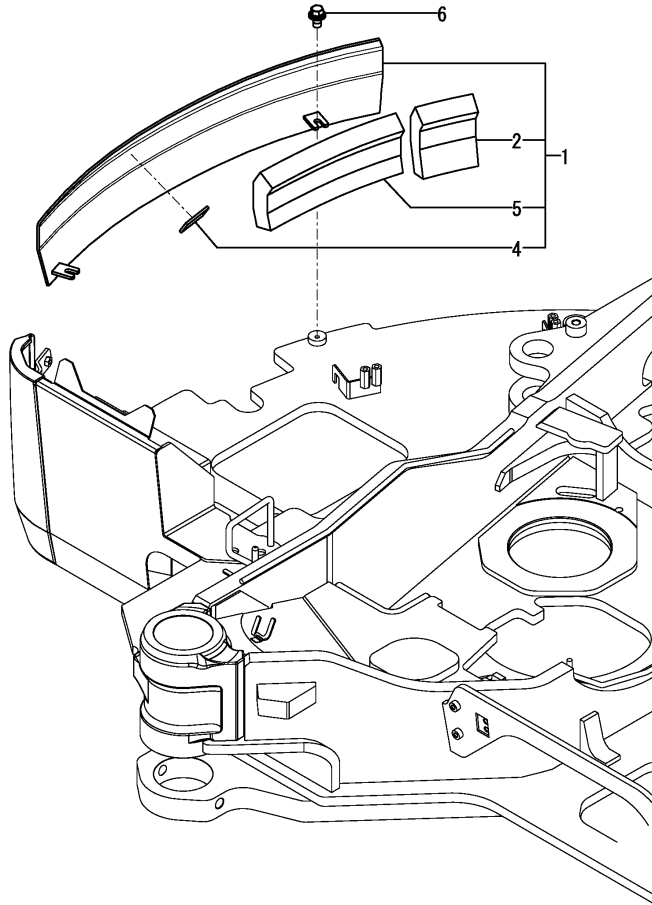


Fig.60. FRAME GUARD(RIGHT)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

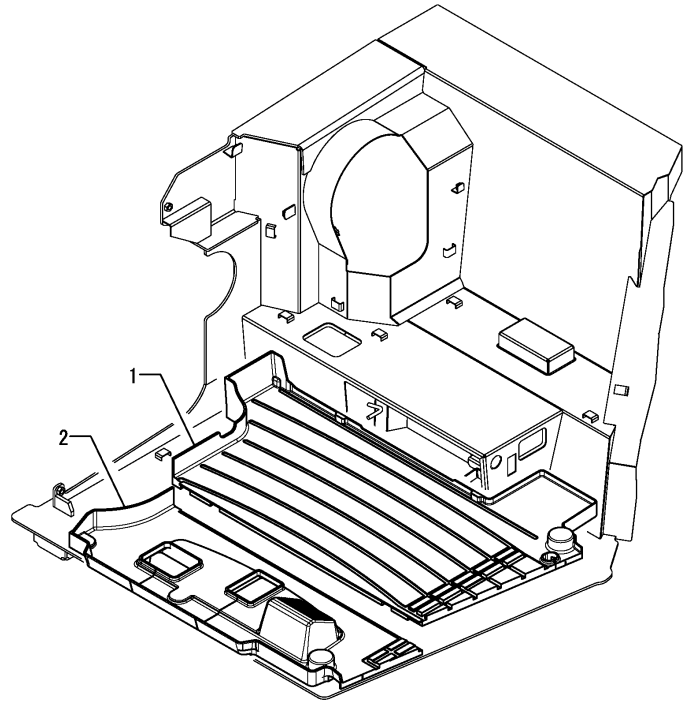


No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172B11-61440	GUARD ASSY,FRAME R	1								
2	2	172B11-61330	SPONGE,MULTI COVER	1								
4	2	172A89-61470	RUBBER, PLATE	1								
5	2	172B11-62020	SPONGE, GUARD R B	1								
6	1	26106-100202	BOLT, M10X 20 PLATED	2								

Fig.61. FLOOR MAT

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

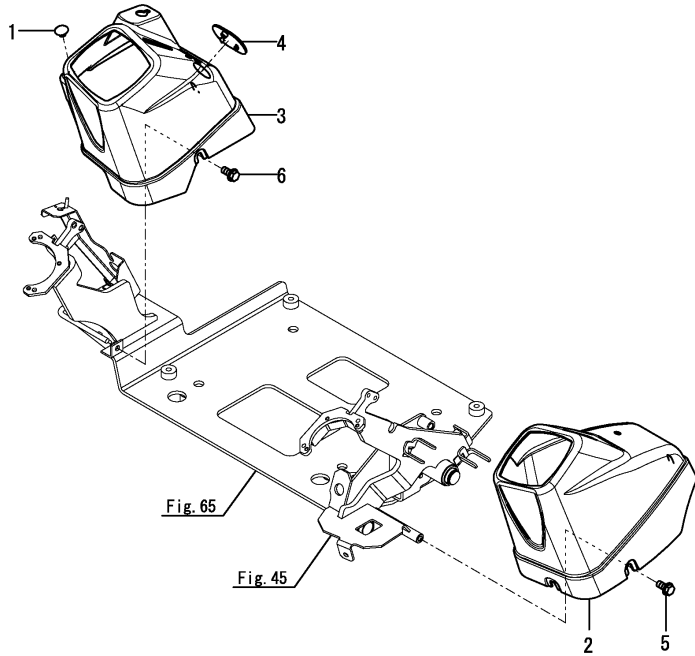


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-62150	FLOOR MAT A	1							
2	1	172A69-62160	MAT, FLOOR	1							

Fig.62. LEVER BOX

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

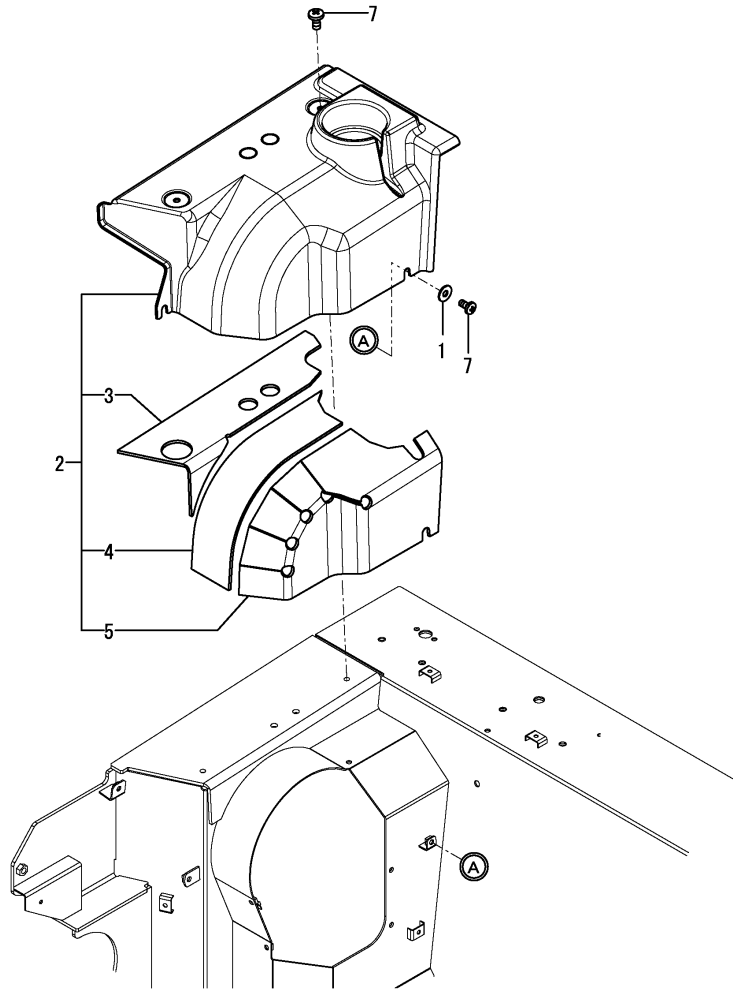


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-63160	CLIP	1							
2	1	172B11-63210	BOX, CONTROL L D	1							
3	1	172B11-63220	BOX, CONTROL R D	1							
4	1	172B11-63230	COVER, CONTROL R D	1							
5	1	172519-63240	BOLT	3							
6	1	172519-63240	BOLT	2							

Fig.63. SIDE COVER

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

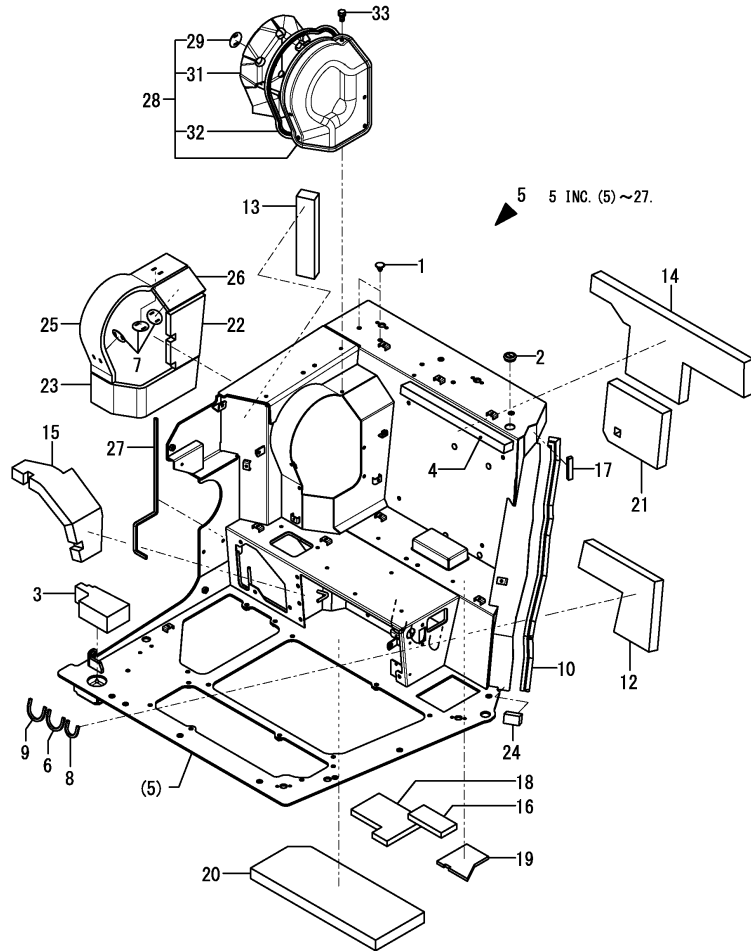


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62430	WASHER	1							
2	1	172B11-63250	COVER ASSY,SIDE D	1							
3	2	172B11-63170	SHEET,INSULATION A	1							
4	2	172B11-63180	SHEET,INSULATION B	1							
5	2	172B11-63190	SHEET,INSULATION C	1							
7	1	172137-69850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

Fig.64. SEAT MOUNT

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2							
2	1	172B11-18880	GROMMET,30	1							
3	1	172B11-62250	SPONGE,T60	1							
4	1	172B11-64170	CUSHION,SEAT	1							
5	1	172B36-64200	MOUNT ASSY, SEAT	1							
6	2	172444-17620	SEAL	1							
7	2	172B11-18570	PLATE, INSURETOR	3							
8	2	172458-18850	TRIM	1							
9	2	172538-19700	SEAL,135	1							
10	2	172162-61330	SEAL, COVER	1							
12	2	172B11-64610	SPONGE, SEAT MT	1							
13	2	172B11-64640	SPONGE, SEAT MT	1							
14	2	172B11-64660	SPONGE, SEAT MT	1							
15	2	172B11-64670	SPONGE, SEAT MT	1							
16	2	172B36-64700	SPONGE, SEAT MOUNT A	1							
17	2	172A69-64710	SEAL, SEAT MOUNT	1							
18	2	172B36-64710	SPONGE, SEAT MOUNT B	1							
19	2	172B36-64720	SPONGE, SEAT MOUNT C	1							
20	2	172B11-64820	SPONGE, SEAT MT	1							
21	2	172B11-64830	SPONGE, SEAT MT	1							
22	2	172B11-64840	SPONGE,SEAT MT	1							
23	2	172B11-64850	INSULATOR,D	1							
24	2	172B11-64860	SEAL,SEAT MT	1							
25	2	172B11-64910	INSULATOR,E	1							
26	2	172B11-64920	INSULATOR,F	1							
27	2	172187-66140	RUBBER 580	1							
28	1	172B11-64690	COVER ASSY, DPF	1							
29	2	172B11-18570	PLATE, INSURETOR	1							
31	2	172B11-64810	INSULATOR,C	1							
32	2	172B11-64870	SEAL, 1200	1							
33	1	26013-080162	BOLT, M8X 16	5							

Remarks

* DPF: DPF stands for DIESEL PARTICULATE FILTER.

Fig.65. SEAT SLIDE

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	1	172A69-64740	PLATE, STOPPER	1							
3	1	172B11-64950	FRAME ASSY, SLIDE	1							
4	1	26013-100252	BOLT, M10X 25	2							
5	1	26450-080162	BOLT, M8X 16	8							

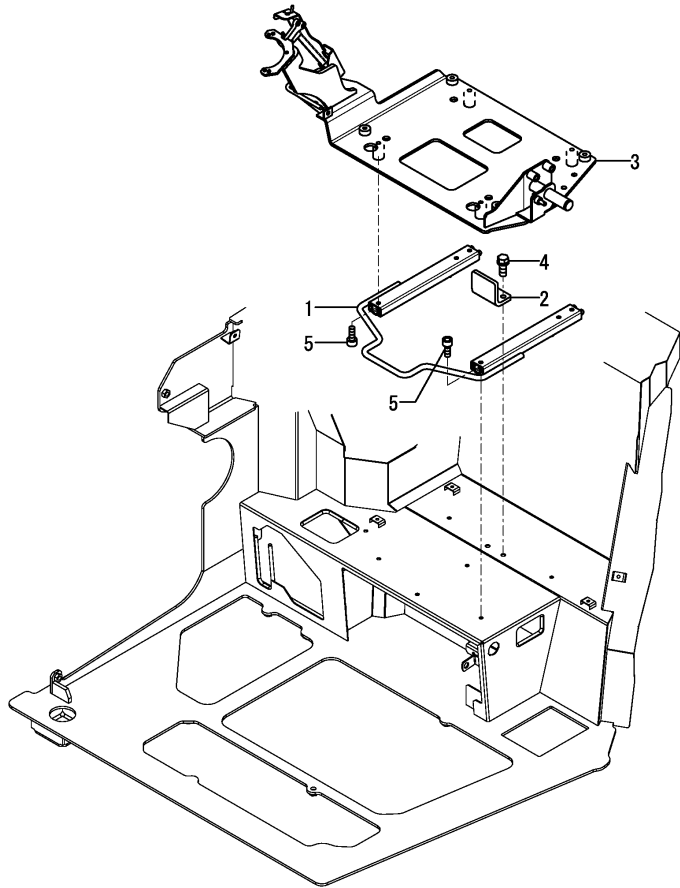
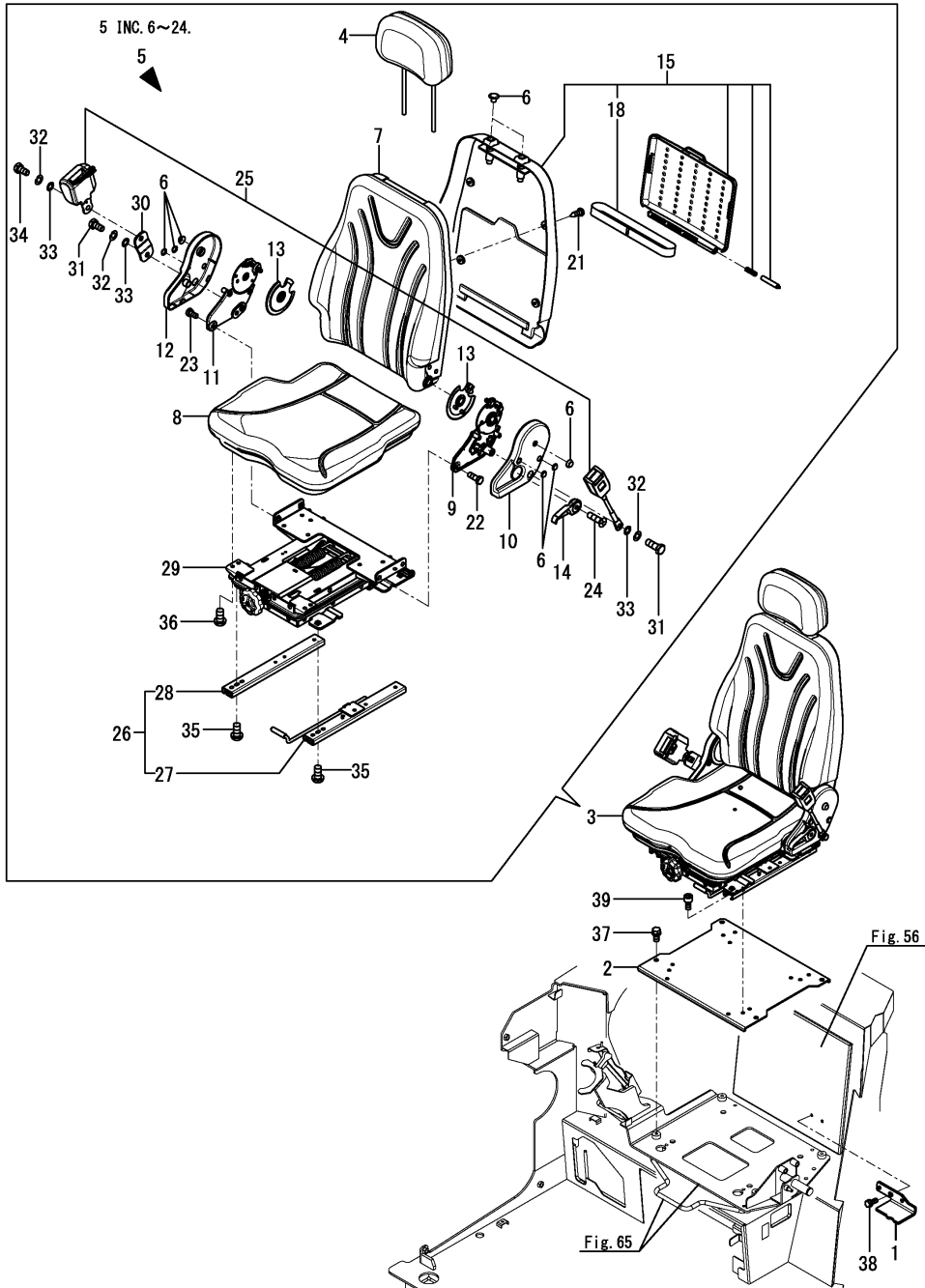


Fig.66. SEAT

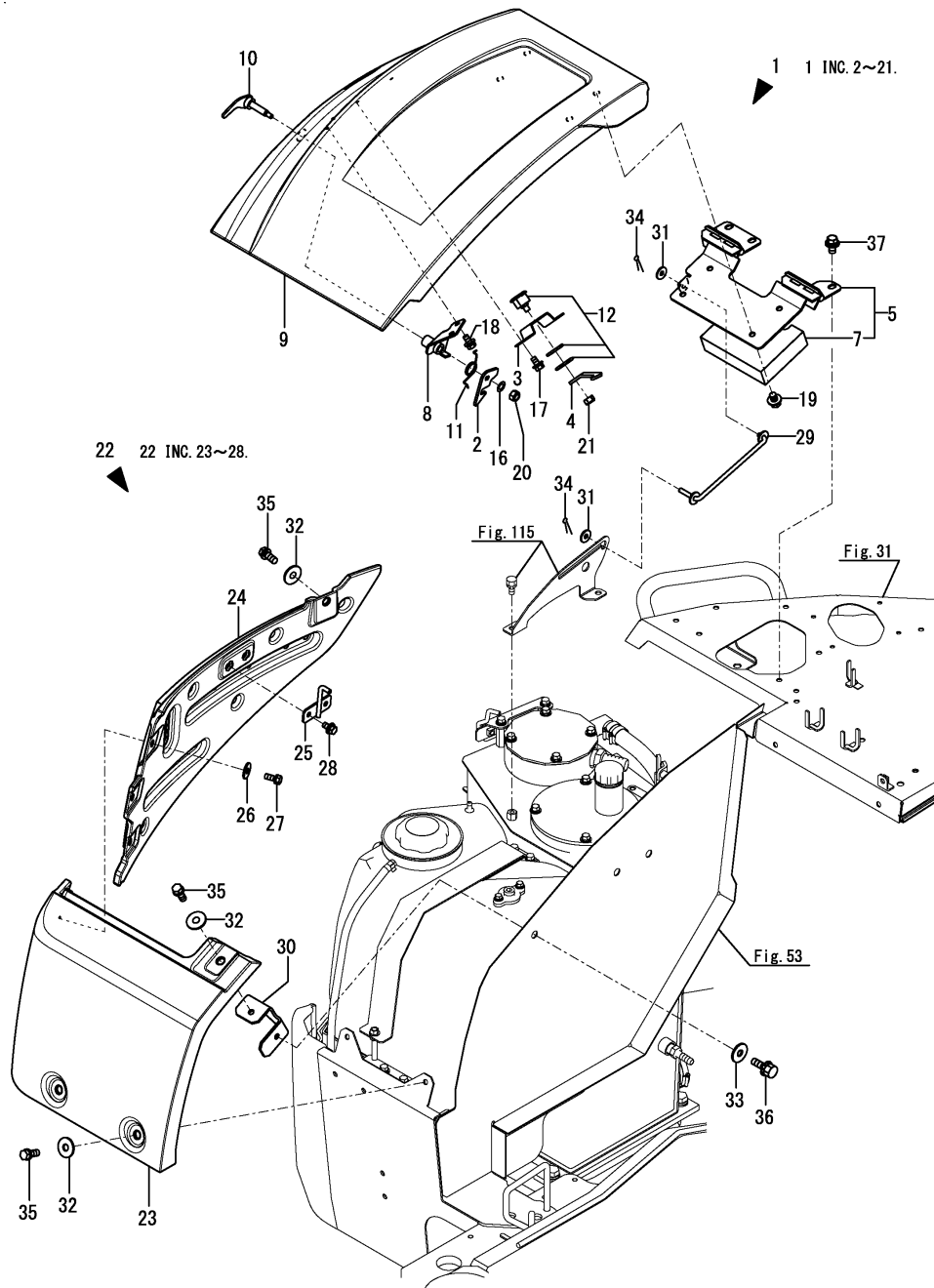


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61080	STOPPER,SEAT	1							
2	1	172A69-64120	PLATE ASSY	1							
3	1	172A69-64800	SEAT ASSY	1							
4	2	172A89-64720	HEADREST	1							
5	2	172A89-64730	SEAT ASSY, OPERATOR	1							
6	3	172A89-64760	CAP ASSY	1							
7	3	172A89-64770	SEAT, OPERATOR	1							
8	3	172A89-64780	SEAT, CUSHION	1							
9	3	172A89-64820	HINGE ASSY	1							
10	3	172A89-64830	COVER	1							
11	3	172A89-64840	HINGE ASSY	1							
12	3	172A89-64850	COVER	1							
13	3	172A89-64870	COVER	2							
14	3	172A89-64880	LEVER	1							
15	3	172A89-64980	BOX ASSY,MANUAL	1							
18	4	172A89-64950	BAND	1							
21	3	22859-500160	SCREW, 5X16	4							
22	3	26106-100162	BOLT, M10X 16 PLATED	4							
23	3	26106-100162	BOLT, M10X 16 PLATED	4							
24	3	26559-050202	SCREW, M5X20	1							
25	2	172A89-64740	SEAT BELT ASSY	1							
26	2	172A89-64750	RAIL ASSY	1							
27	3	172A89-64800	RAIL ASSY, TL	1							
28	3	172A89-64810	RAIL ASSY, TR	1							
29	2	172A89-64790	SEAT, SPRING	1							
30	2	172A89-64860	BRACKET ASSY	1							
31	2	172A89-64890	BOLT	2							
32	2	172A89-64900	SPRING	3							
33	2	172A89-64910	WASHER	3							
34	2	172A89-64920	BOLT	1							
35	2	26106-080162	BOLT, M8X 16 PLATED	4							
36	2	26106-080162	BOLT, M8X 16 PLATED	4							
37	1	26013-100162	BOLT, M10X 16	4							
38	1	26014-080162	BOLT, M8X 16	2							
39	1	26450-080162	BOLT, M8X 16	4							

Fig.67. BONNET(FRONT)

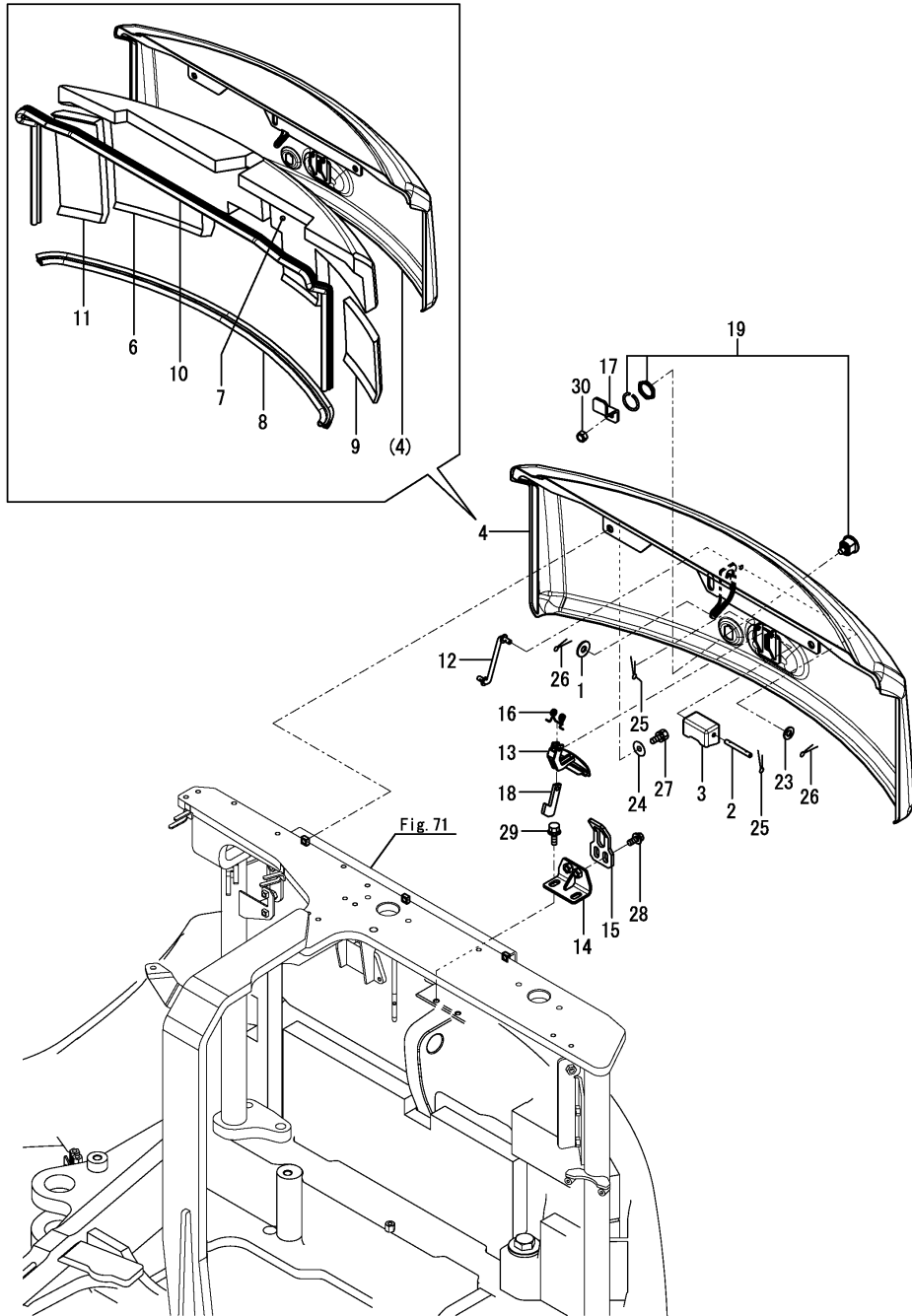


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-62410	BONNET ASSY,U BLACK	1							
2	2	172B03-61960	LOCK,PLATE	1							
3	2	172A69-62280	PLATE, LOCK	1							
4	2	172B11-62290	STAY, KEY	1							
5	2	172B36-62300	PLATE ASSY,HINGE	1							
7	3	172B36-62900	SPONGE,BONNET B	1							
8	2	172A69-62310	HOOK ASSY	1							
9	2	172A69-62420	BONNET	1							
10	2	172A69-62510	LEVER ASSY	1							
11	2	172156-65690	SPRING, STOPPER	1							
12	2	172B03-66170	CYLINDER ASSY, KEY	1							
16	2	22137-080000	WASHER, 8	1							
17	2	26014-080162	BOLT, M8X 16	2							
18	2	26014-080162	BOLT, M8X 16	2							
19	2	26014-100162	BOLT, M10X 16	4							
20	2	26347-080002	NUT, M8	1							
21	2	26347-100002	NUT, M10	1							
22	1	172A69-62430	BONNET ASSY	1							
23	2	172A69-62440	BONNET	1							
24	2	172A69-62450	BONNET	1							
25	2	172A69-62470	BAR ASSY, CATCH	1							
26	2	22157-080000	WASHER, 8	3							
27	2	26013-080202	BOLT, M8X 20	3							
28	2	26014-080162	BOLT, M8X 16	2							
29	1	172A69-62650	ROD ASSY, STOPPER	1							
30	1	172A69-65530	STAY ASSY, BONNET	1							
31	1	22157-080000	WASHER, 8	2							
32	1	22157-100000	WASHER, 10	4							
33	1	22157-100000	WASHER, 10	1							
34	1	22417-200200	PIN, COTTER 2.0X20	2							
35	1	26013-100252	BOLT, M10X 25	4							
36	1	26013-100252	BOLT, M10X 25	1							
37	1	26014-100202	BOLT, M10X 20	3							

Fig.68. BONNET(REAR)

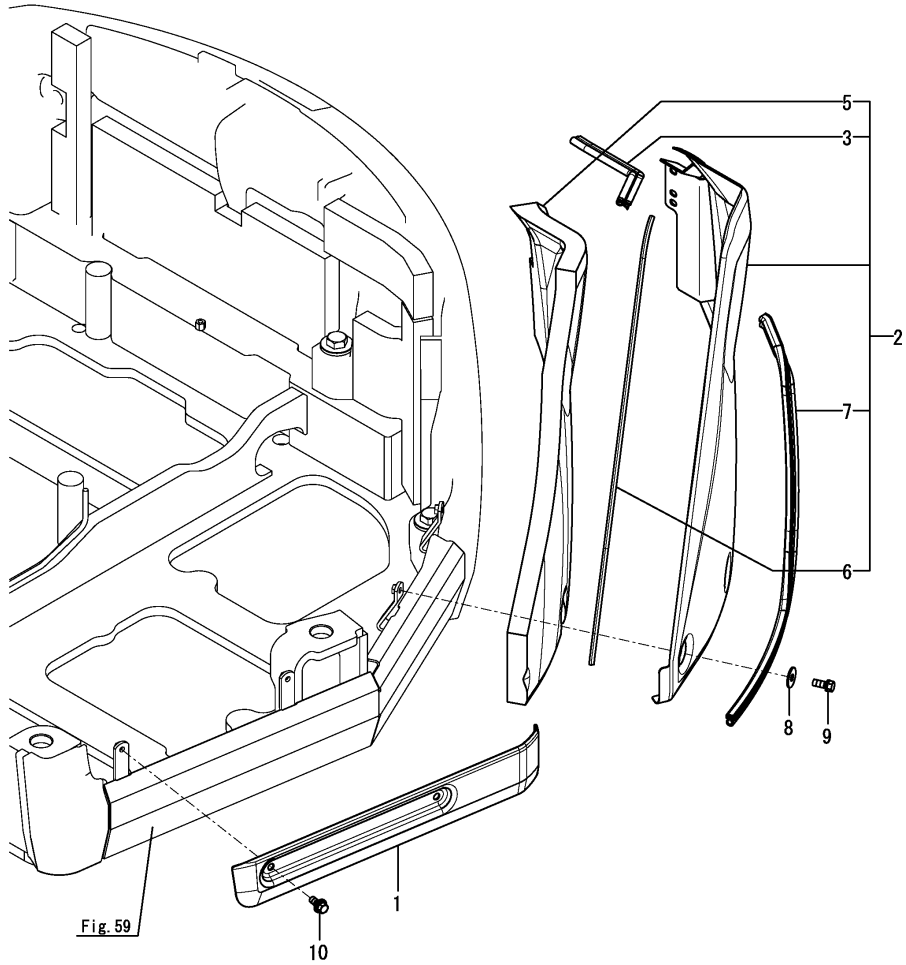


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.69. BONNET(LEFT)



(A)=VIO82 C(AS)
(B)=
(C)=

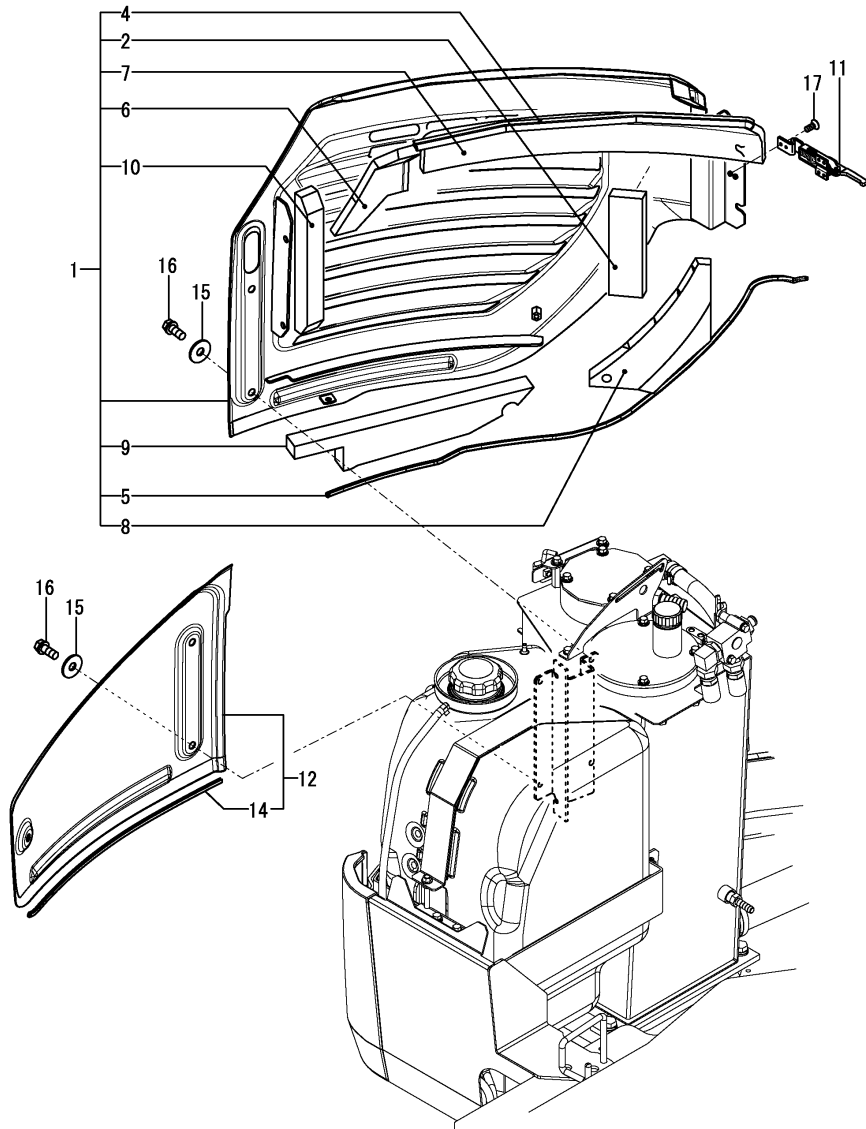
(D)=
(E)=
(F)=

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

Fig.70. BONNET(RIGHT)

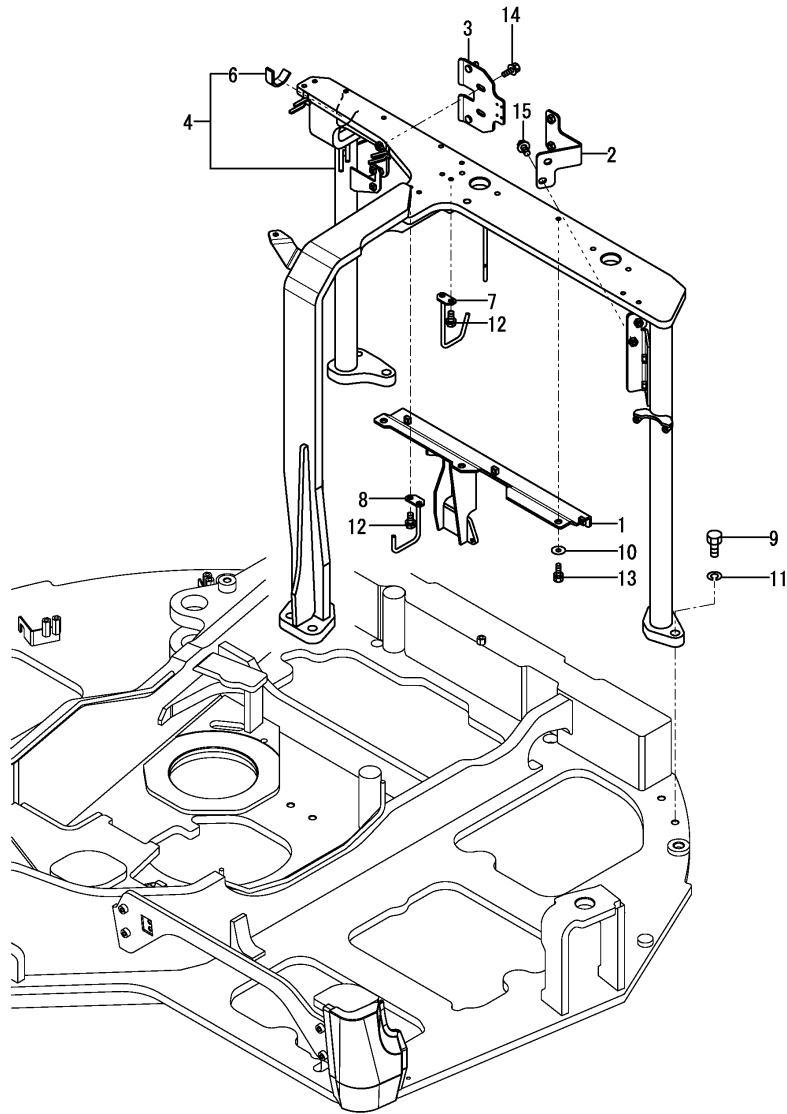
(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
2	2	172B16-64190	SPONGE, COVER A	1							
4	2	172A89-65850	RUBBER, SEAL 670	1							
5	2	172A89-65860	TRIM, 1160	1							
6	2	172B11-65910	SPONGE,BONNET R A	1							
7	2	172B11-65921	SPONGE,BONNET R B	1							
8	2	172B11-65930	SPONGE,BONNET R C	1							
9	2	172B11-65940	SPONGE,BONNET R D	1							
10	2	172B11-65950	SPONGE,BONNET R E	1							
11	1	172A69-65872	HANDLE, BONNET LOCK	1							
12	1	172A69-65900-Y	BONNET ASSY	1							
14	2	172A69-65920	TRIM	1							
15	1	22157-100000	WASHER, 10	5							
16	1	26013-100252	BOLT, M10X 25	5							
17	1	26577-050122	SCREW, M5X12	6							

Fig.71. CABIN MOUNT



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-65211	BRACKET ASSY,BON A	1							
2	1	172A89-65661	STAY ASSY,BONNET L	1							
3	1	172A89-65950	BRACKET ASSY,BR	1							
4	1	172B11-67100	BRACKET ASSY, CAB M	1							
6	2	172A89-67450	SEAL, SPONGE	1							
7	1	172A89-67360	GUIDE ASSY, HOSE	1							
8	1	172A89-67390	GUIDE ASSY, HOSE	1							
9	1	172460-73320	BOLT	6							
10	1	22157-100000	WASHER, 10	3							
11	1	22217-160000	WASHER, SPRING 16	6							
12	1	26013-100202	BOLT, M10X 20	4							
13	1	26013-100252	BOLT, M10X 25	3							
14	1	26014-100252	BOLT, M10X 25	2							
15	1	26014-100252	BOLT, M10X 25	2							

Fig.72. CABIN MOUNT(ANTIVIBRATION MOUNT)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-64160	MOUNT ASSY, 60HS	3							
2	1	172A69-64170	MOUNT ASSY, 70HS	2							
3	1	22137-160000	WASHER, 16	6							
4	1	22137-200000	WASHER, 20	1							
5	1	22217-160000	WASHER, SPRING 16	6							
6	1	26013-100352	BOLT, M10X 35	10							
7	1	26076-160402	BOLT, 10.916X 40	6							
8	1	26716-200002	NUT, M20	9							
9	1	933172-14120	WASHER	4							

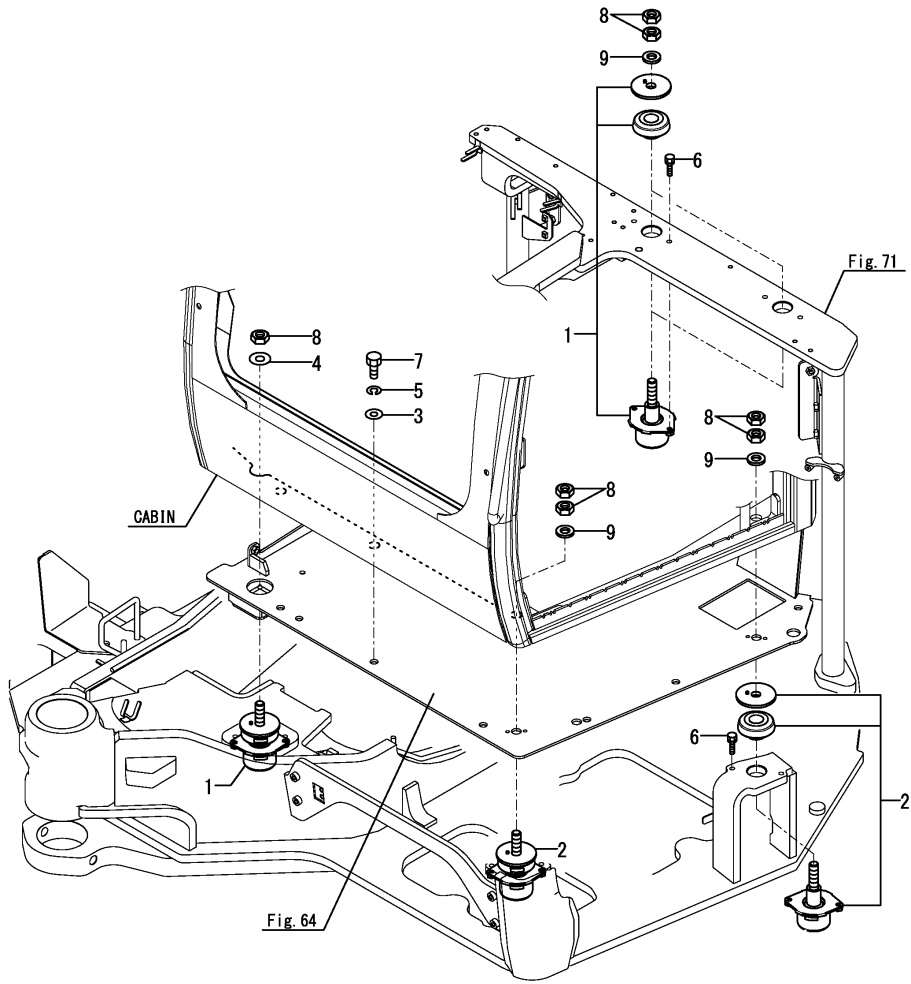
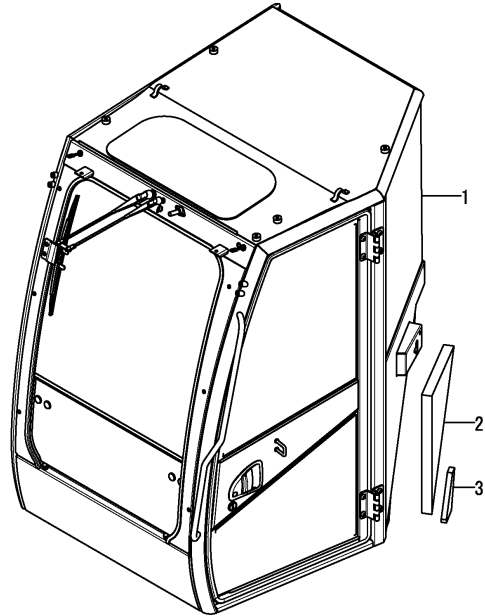


Fig.73. CABIN(ASSEMBLY)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

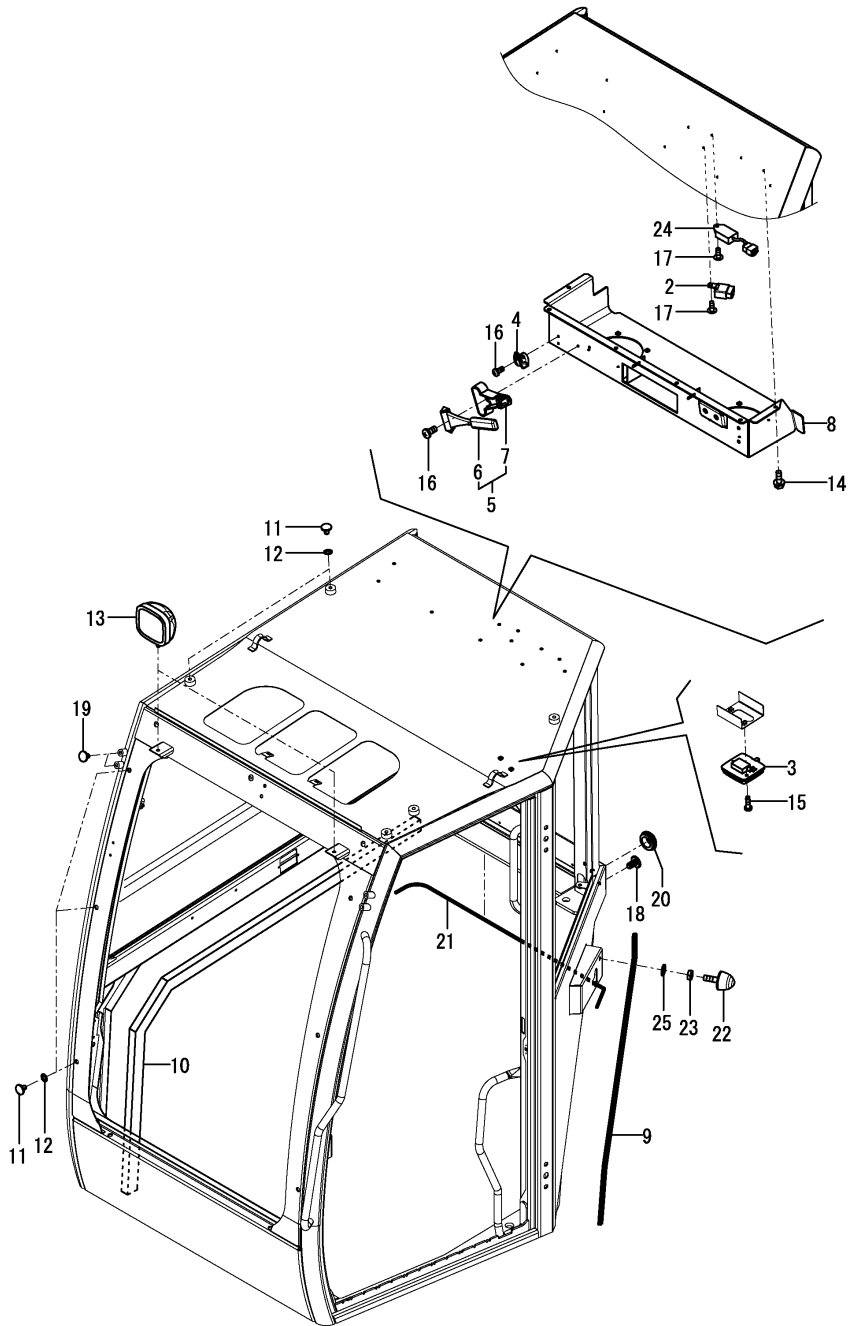
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-68000	CABIN ASSY	1							1
2	1	172B11-68910	SPONGE,CAB A	1							
3	1	172B11-68920	SPONGE,CAB B	1							



Remarks

(1)Inner parts are shown in Fig.83 from Fig.74.

Fig.74. CABIN(ACCESSORY)(1)

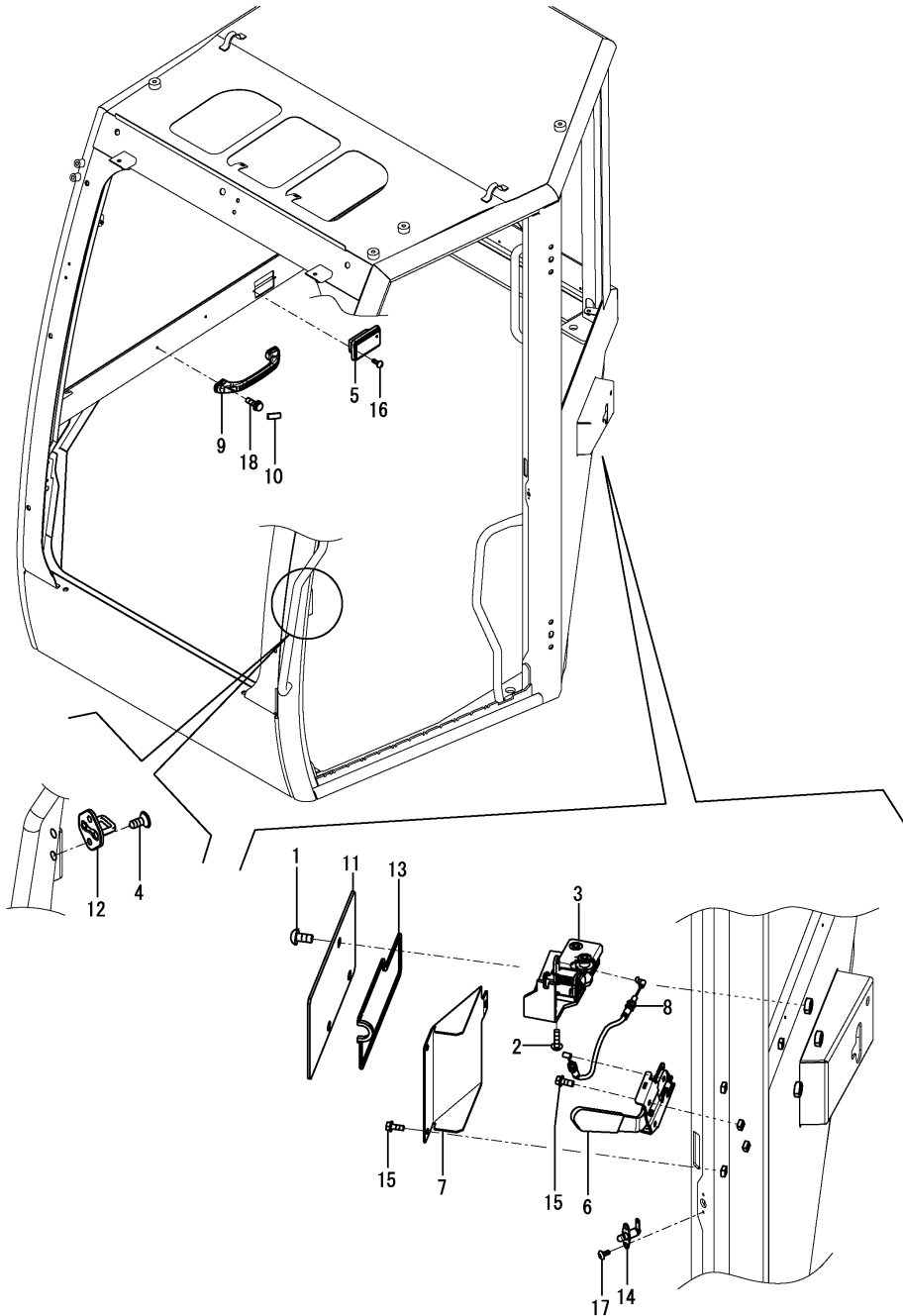


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-17150	RELAY,CA C TYPE	1							
3	3	172B06-68040	LAMP,ROOM	1							
4	3	172B06-68070	HOOK, COAT	1							
5	3	172B06-68101	HAMMER,EMERGENCY	1							
6	4	172B06-68110	HAMMER	1							
7	4	172B06-68120	HOLDER, HAMMER	1							
8	3	172B11-68240	COVER ASSY,HEADER	1							
9	3	172B11-68270	SEAL,865	1							
10	3	172B11-68290	SEAL,1780	1							
11	3	172B11-68310	PLUG,HOLE	10							
12	3	172B11-68320	RUBBER,PACKING	10							
13	3	172B06-68350	LAMP, WORK	2							
14	3	172B06-68360	BOLT, M6X16	6							
15	3	172B06-68370	BOLT, M5X16	2							
16	3	172B06-68380	BOLT, M4X12	4							
17	3	172B11-68800	SCREW,M6X16	2							
18	3	172B11-69030	CAP,BOLT M8	2							
19	3	172B11-69040	CAP,BOLT M10	4							
20	3	172B11-69060	GROMMET,22	1							
21	3	172B11-69080	SEAL,DAM 935	1							
22	3	172463-69270	STOPPER,DOOR	1							
23	3	172455-69560	NUT	1							
24	3	128300-77920	TIMER	1							
25	3	22217-100000	WASHER, SPRING 10	1							

Fig.75. CABIN(ACCESSORY)(2)



(A)=VIO82 C(AS)
(B)=
(C)=

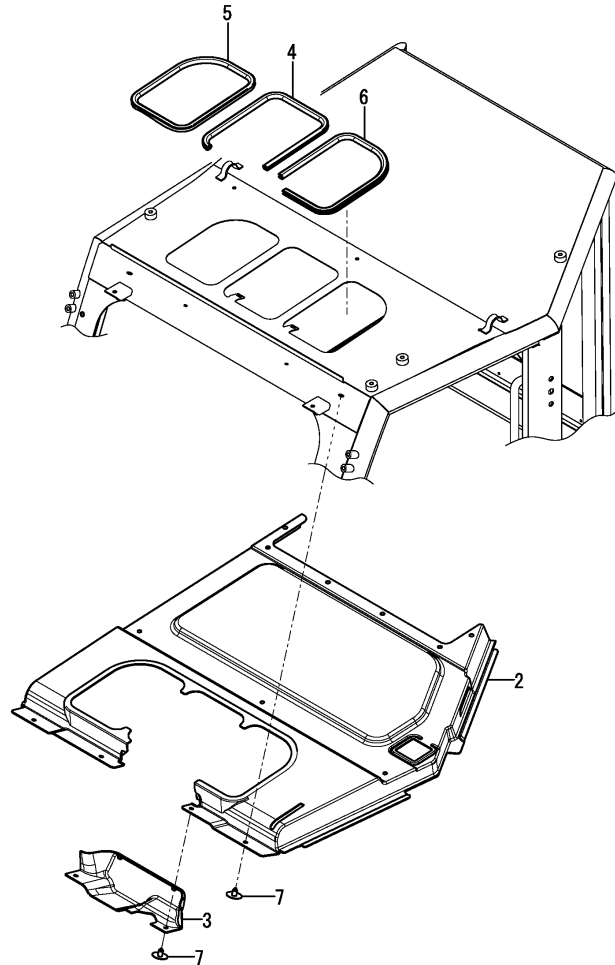
(D)=
(E)=
(F)=

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

Fig.76. CABIN(ACCESSORY)(3)

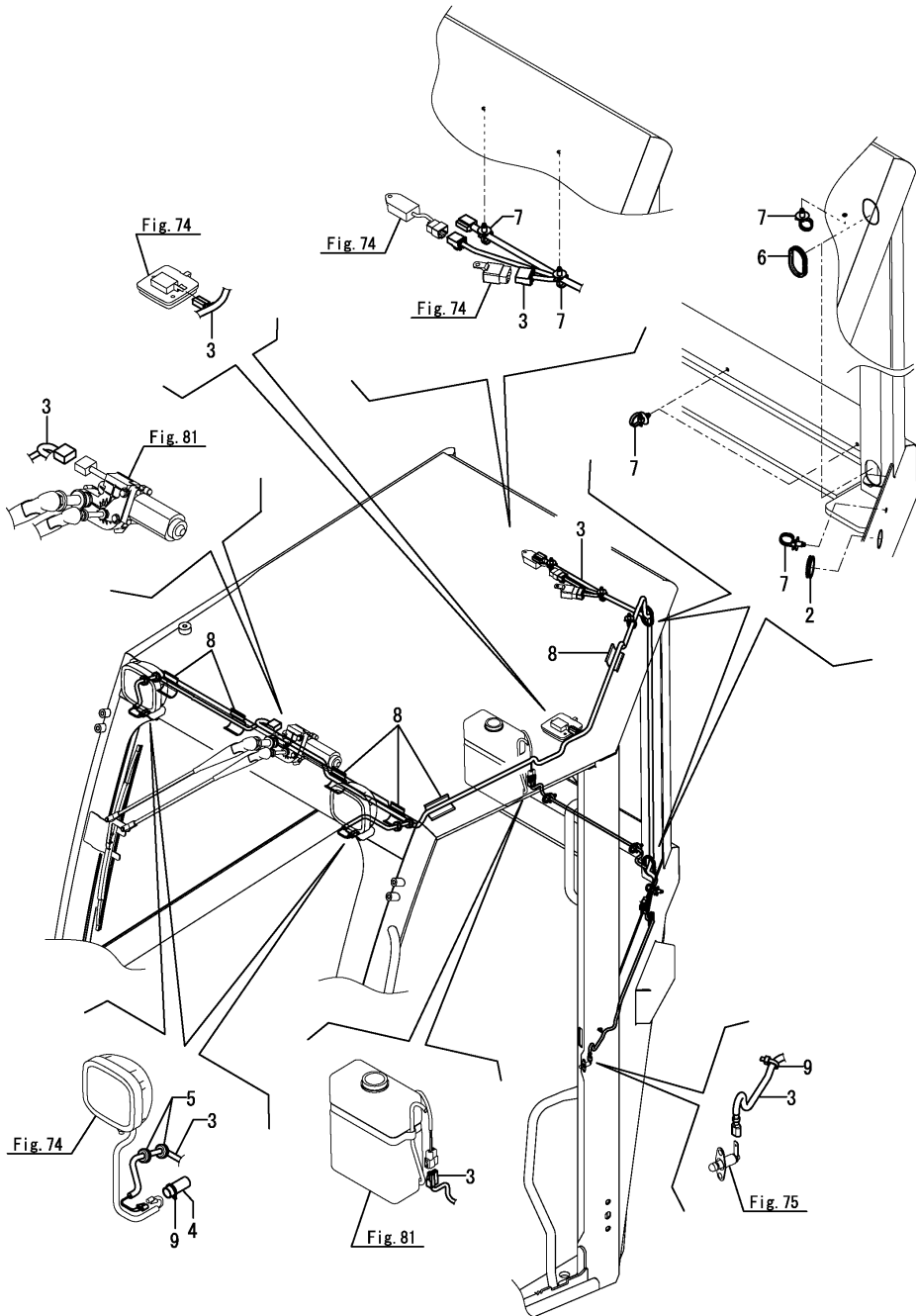
(A)=VIO82 C(AS)
 (B)=
 (C)=

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



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

Fig.77. CABIN(ELECTRIC PARTS)

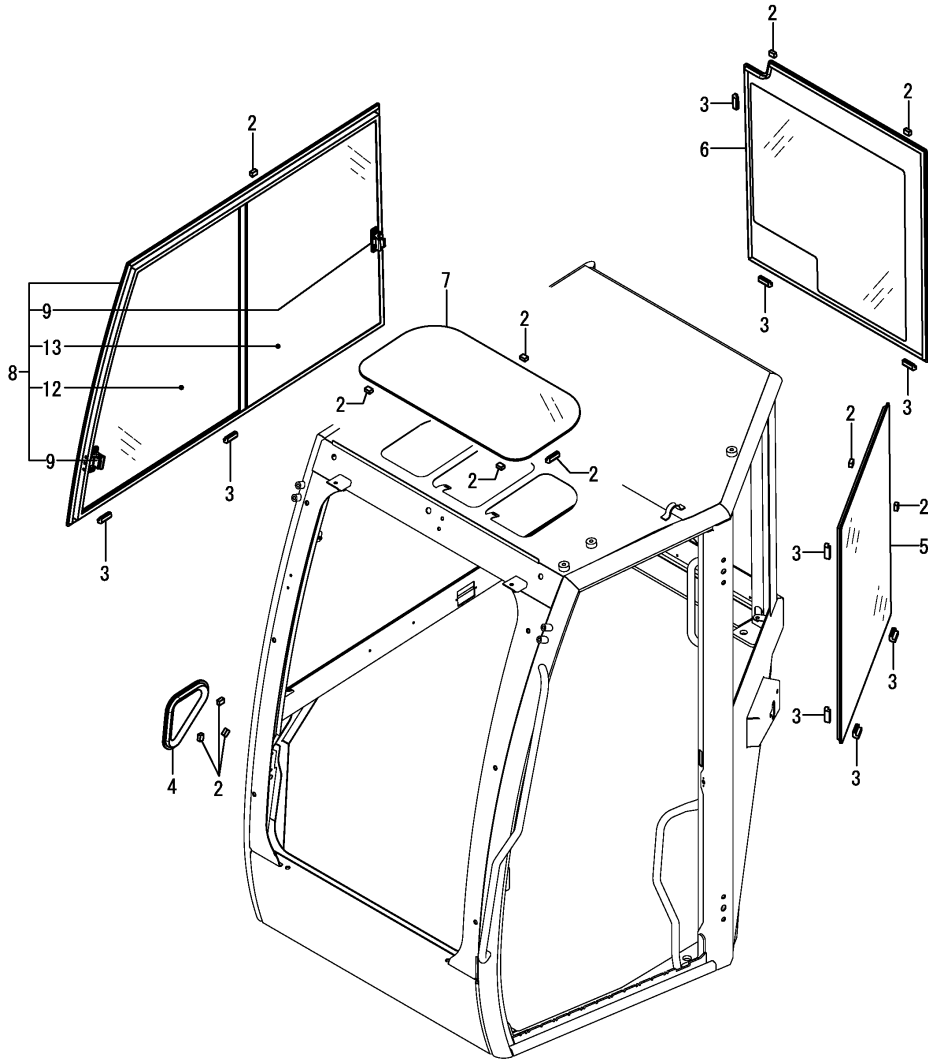


(A)=VIO82 C(AS)
 (B)=
 (C)=

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

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

Fig.78. CABIN(GLASS)



(A)=VIO82 C(AS)
(B)=
(C)=

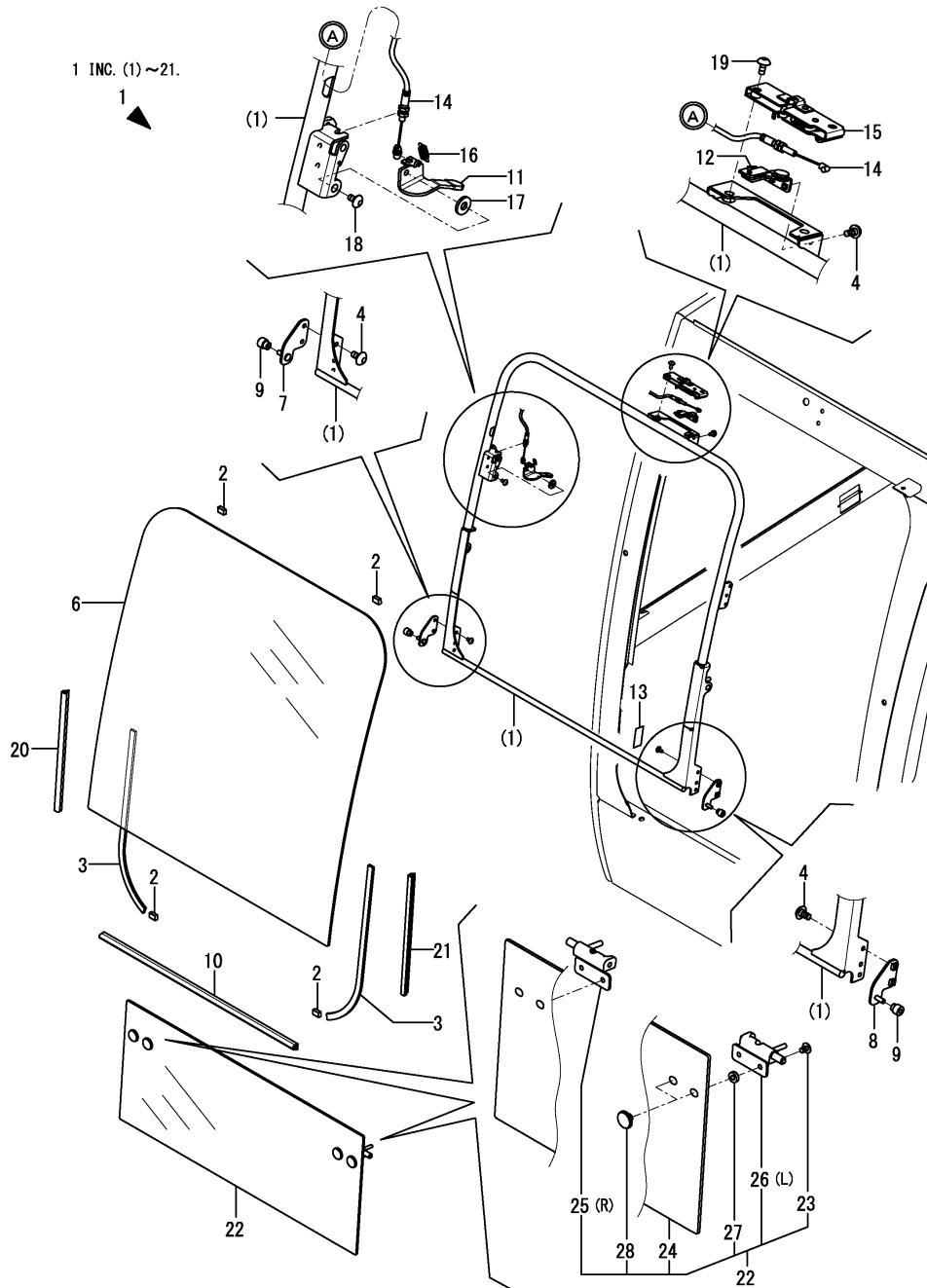
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172458-63950	SPACER	12							
3	3	172458-63960	SPACER	11							
4	3	172B11-68560	GLASS,RIGHT FRONT	1							
5	3	172B11-68570	GLASS,LEFT	1							
6	3	172B11-68580	GLASS,REAR	1							
7	3	172B11-68590	GLASS,ROOF	1							
8	3	172B11-68600	SASH ASSY	1							
9	4	172455-67770	LOCK ASSY, SASH	2							
12	4	172B11-68631	GLASS,F SASH	1							
13	4	172B11-68640	GLASS,R SASH	1							

Fig.79. CABIN(FRONT WINDOW)(1)

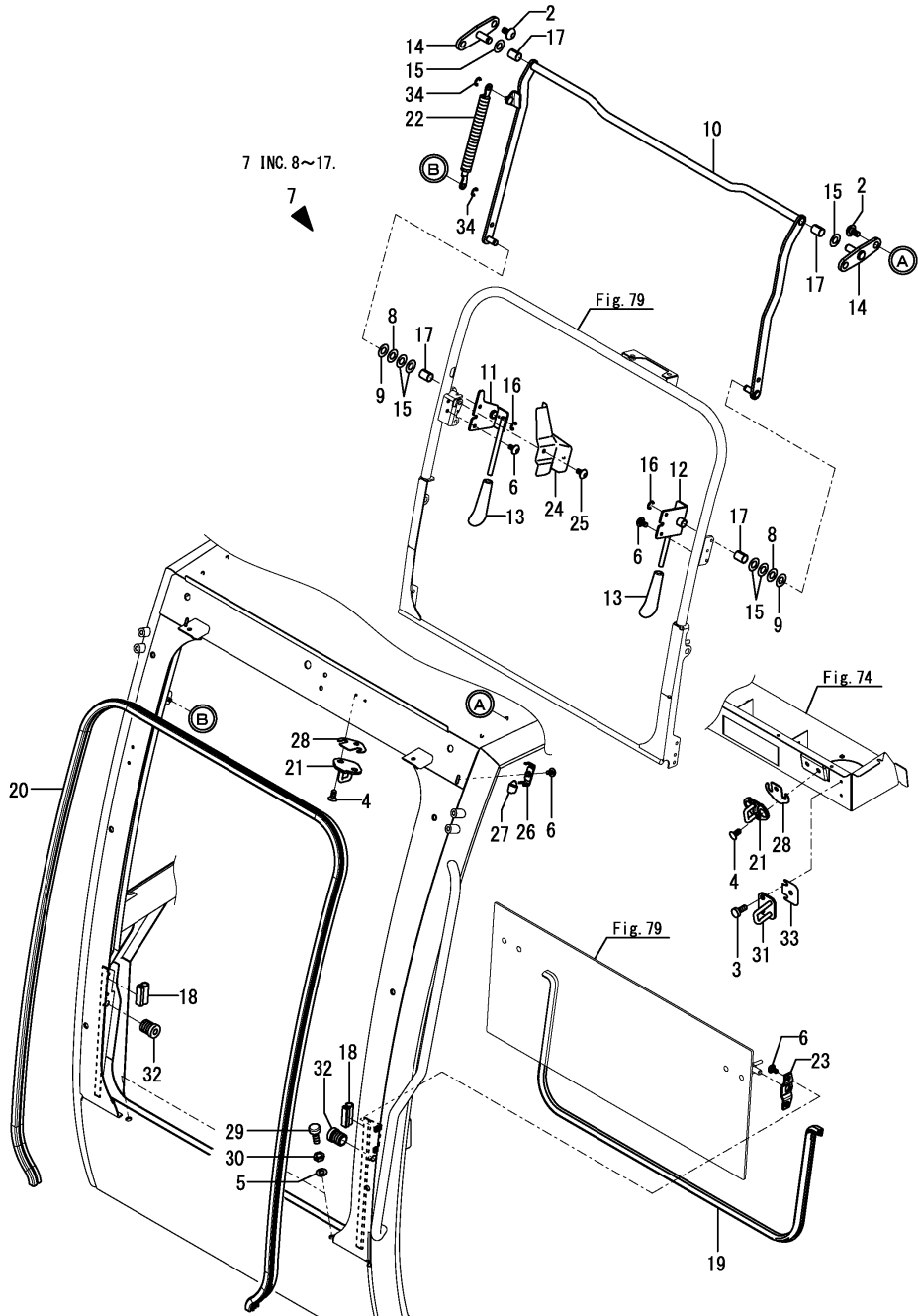
(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
2	4	172458-63950	SPACER	4							
3	4	172B11-69090	SEAL,DUM 360	2							
4	4	172463-69150	SCREW	6							
6	4	172B11-69180	GLASS,F/W	1							
7	4	172B11-69190	STAY ASSY,F/W R	1							
8	4	172B11-69200	STAY ASSY,F/W L	1							
9	4	172B06-69211	ROLLER	2							
10	4	172B11-69260	SEAL,852	1							
11	4	172B11-69270	LEVER ASSY,F/W LOCK	1							
12	4	172B11-69280	LOCK ASSY,F/W	1							
13	4	172B11-69290	RUBBER,PLATE	1							
14	4	172B11-69340	CABLE ASSY,F/W	1							
15	4	172B11-69350	LOCK ASSY,F/W	1							
16	4	172B06-69360	SPRING	1							
17	4	172B06-69380	WASHER	1							
18	4	172B06-69390	BOLT,TORX M6X16	1							
19	4	172B06-69400	BOLT,TORX M6X20	2							
20	4	172B11-69540	GLASSRUN,388	1							
21	4	172B11-69550	GLASSRUN,388	1							
22	3	172B11-69360	GLASS ASSY,FT LOW	1							
23	4	172B11-68820	SCREW,M8X12	4							
24	4	172B11-69370	GLASS,FRONT LOWER	1							
25	4	172B11-69380	LATCH ASSY,R	1							
26	4	172B11-69390	LATCH ASSY,L	1							
27	4	172B11-69400	RUBBER,PACKING	4							
28	4	172B11-69410	RETAINER,M8	4							

Fig.80. CABIN(FRONT WINDOW)(2)



(A)=VIO82 C(AS)
(B)=
(C)=

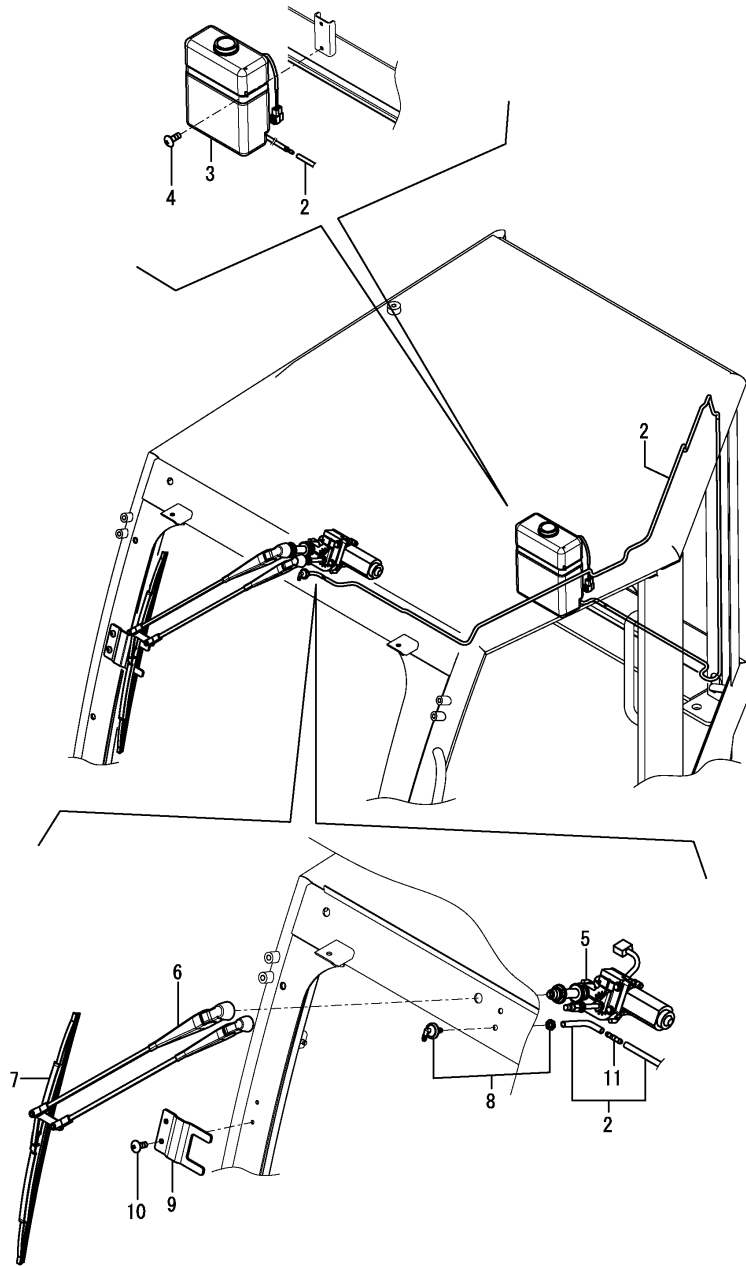
(D)=
(E)=
(F)=

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

Fig.81. CABIN(WIPER & WINDOW WASHER)

(A)=VIO82 C(AS)
(B)=
(C)=

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

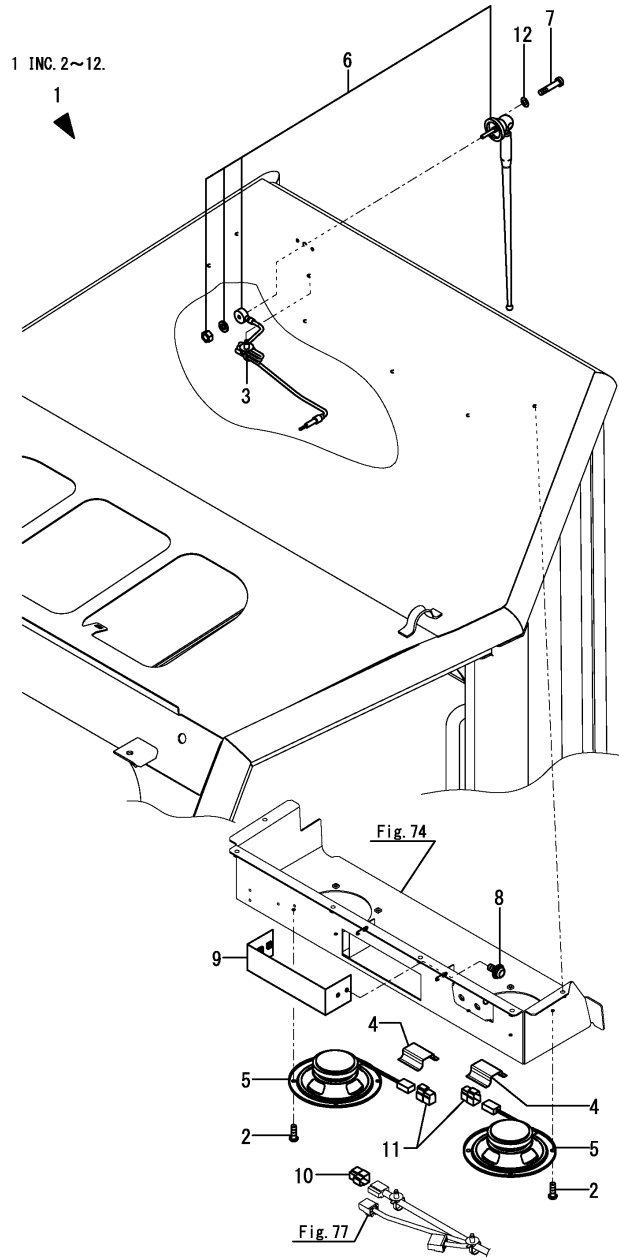


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B11-68030	HOSE,2710	1							
3	3	172B11-68340	TANK, WASHER	1							
4	3	172B11-68800	SCREW,M6X16	2							
5	3	172B11-69220	MOTOR, WIPER	1							
6	3	172B11-69230	ARM,WIPER	1							
7	3	172B06-69240	BLADE ASSY,500	1				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

Fig.82. CABIN(RADIO)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

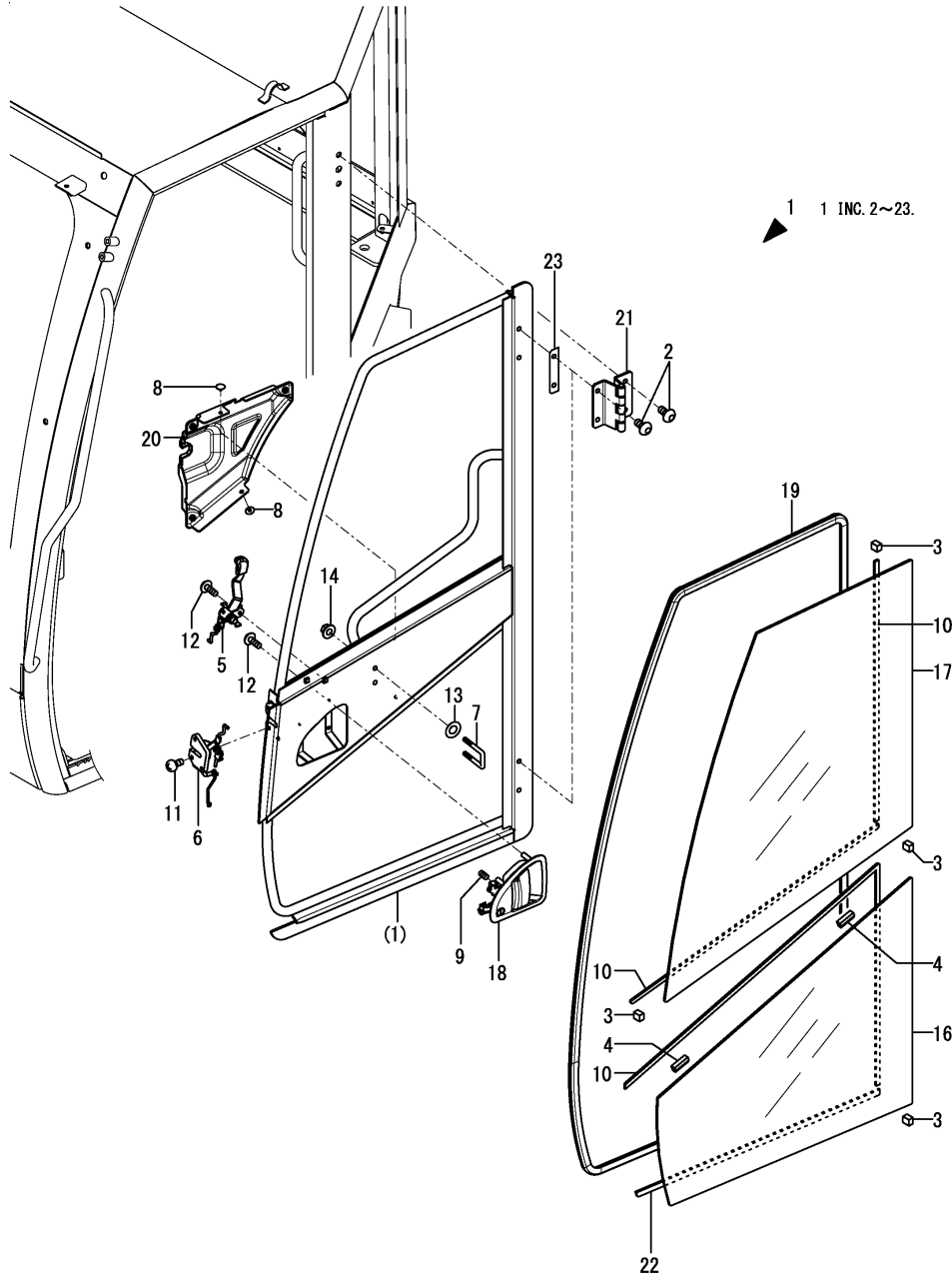


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69610	ELECTRIC ASSY,NO RAD	1							
2	3	172B06-68390	BOLT, M4X12	8							
3	3	172B06-68830	BAND, BINDING	1							
4	3	172B06-68870	TAPE,SOFT	3							
5	3	172B06-69571	SPEAKER	2							
6	3	172B06-69581	ANTENNA, RADIO	1							
7	3	172B06-69600	BOLT, M4X20	2							
8	3	172B11-69630	SCREW,M4X12 TREAT	4							
9	3	172B11-69640	COVER,RADIO	1							
10	3	172B11-69650	CONNECTOR	1							
11	3	172B11-69660	CONNECTOR	2							
12	3	22137-040000	WASHER, 4	2							

Fig.83. CABIN DOOR

(A)=VIO82 C(AS)
(B)=
(C)=

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

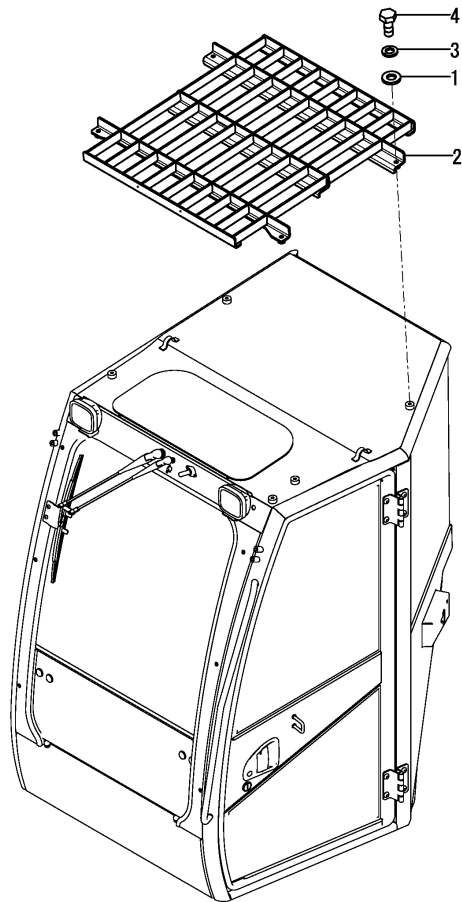


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69802	DOOR ASSY, CABIN	1							
2	3	172458-63730	SCREW	8							
3	3	172458-63950	SPACER	4							
4	3	172458-63960	SPACER	2							
5	3	172B06-68940	HANDLE ASSY	1							
6	3	172B06-68950	LOCK ASSY,DOOR	1							
7	3	172B06-69010	HOOK, DOOR	1							
8	3	172B11-69020	CLIP,TREE	5							
9	3	172B06-69040	LOCK,SCREW	1							
10	3	172B11-69070	SEAL,DUM 2500	1							
11	3	172B06-69080	SCREW, M6X20	3							
12	3	172B06-69090	SCREW	5							
13	3	172455-69270	WASHER	2							
14	3	172455-69710	NUT	2							
16	3	172B11-69820	GLASS, DOOR LOW	1							
17	3	172B11-69830	GLASS, DOOR UP	1							
18	3	172B11-69861	HANDLE ASSY,OUTER	1							
19	3	172B11-69870	SEAL, DOOR	1							
20	3	172B11-69880	COVER,DOOR INNER	1							
21	3	172B11-69890	HINGE ASSY,DOOR	2							
22	3	172B11-69920	SEAL,DUM 600	1							
23	3	172B11-69930	SHIM	1							

Fig.84. GUARD(CABIN ROOF)

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R			
				(A)	(B)	(C)	(D)	(E)	(F)					
1	1	194145-04810	WASHER, 10	4										
2	1	172B36-66100	GUARD ASSY, CAB ROOF	1										
3	1	22217-100000	WASHER, SPRING 10	4										
4	1	26076-100402	BOLT, 10.910X 40	4										

Fig.85. REARVIEW MIRROR

(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172A25-68500	MIRROR, REARVIEW	1						
2	1	172A69-68850	BRACKET ASSY, MIRROR	1						
3	1	26013-100252	BOLT, M10X 25	2						

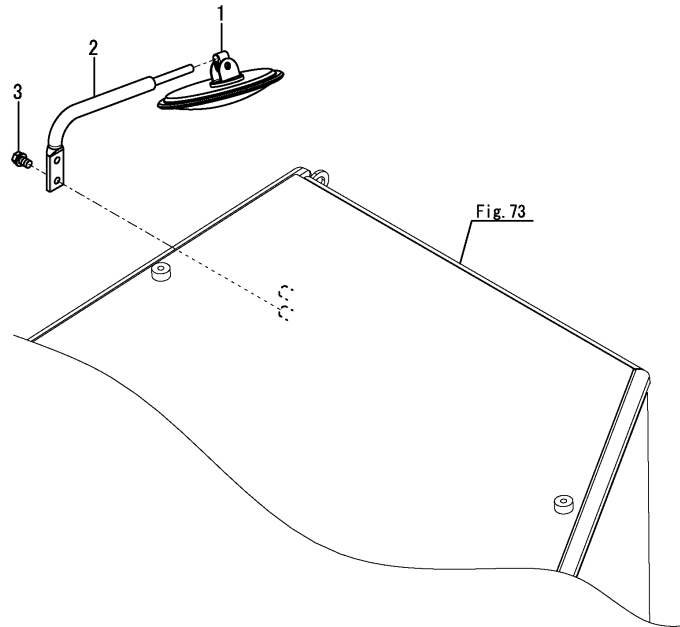
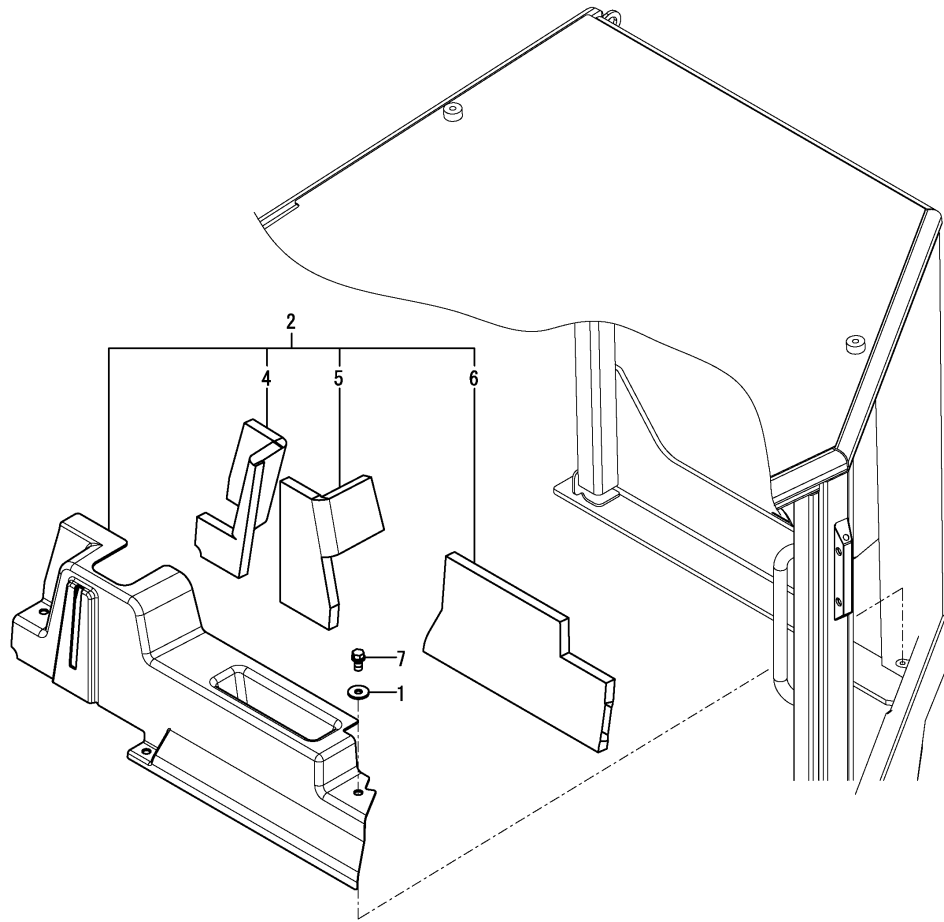


Fig.86. CABIN(COVER)



(A)=VIO82 C(AS)
 (B)=
 (C)=

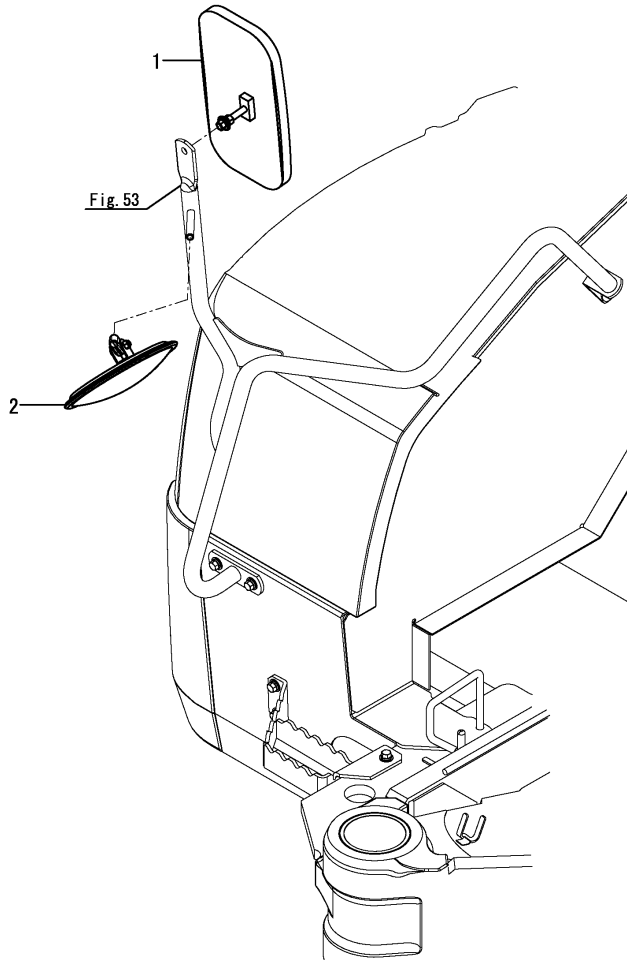
(D)=
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62430	WASHER	3							
2	1	172B11-68840	COVER ASSY,WASHER TD	1							
4	2	172B11-68960	SPONGE,WT COVER A	1							
5	2	172B11-68970	SPONGE,WT COVER B	1							
6	2	172B11-68980	SPONGE,WT COVER C	1							
7	1	172137-69850	SCREW	3							

Fig.87. SIDE MIRROR

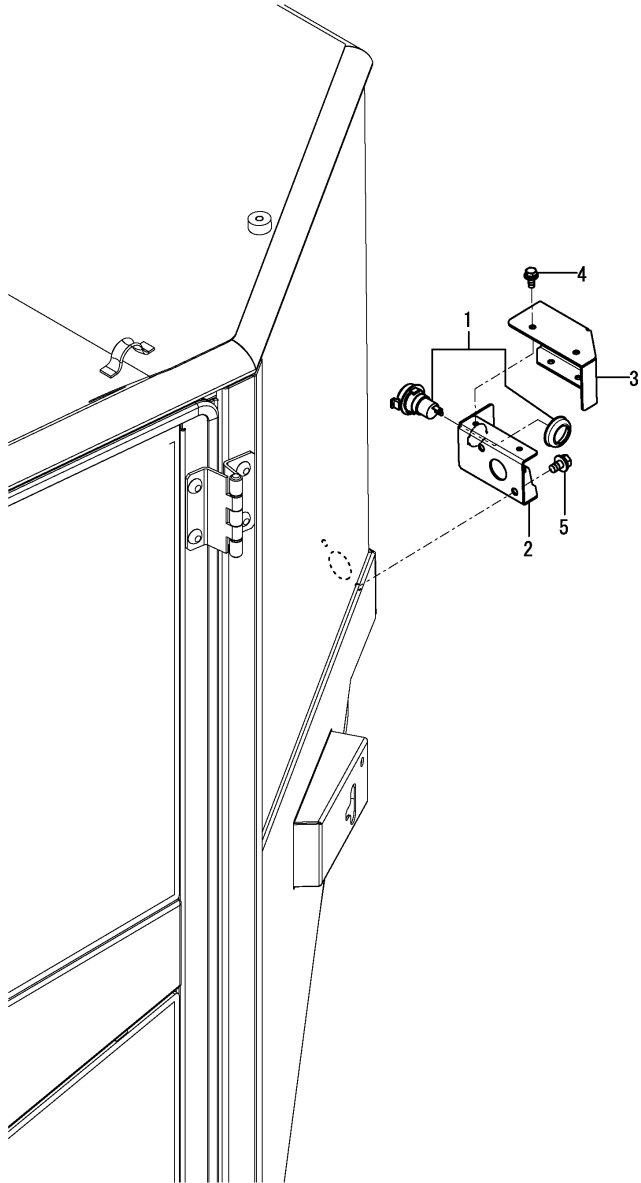
(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	1	172A25-68500	MIRROR, REARVIEW	1							

Fig.88. POWER SUPPLY SOCKET



(A)=VIO82 C(AS)
 (B)=
 (C)=

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

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

Fig.89. HYDRAULIC PUMP MOUNT & JOINT

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-71100	MOUNT, PUMP	1							
2	1	26013-100302	BOLT, M10X 30	12							
3	1	172499-71200	COUPLING	1							
4	1	172187-71210	BOLT	3							

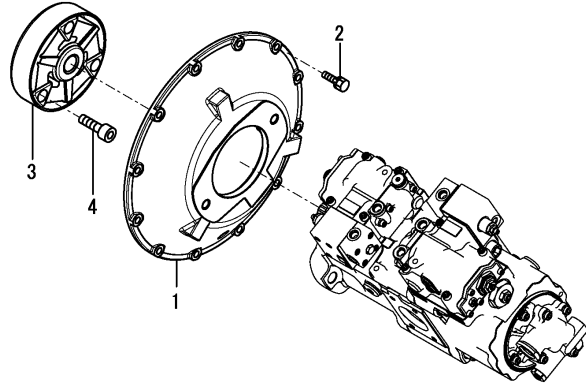
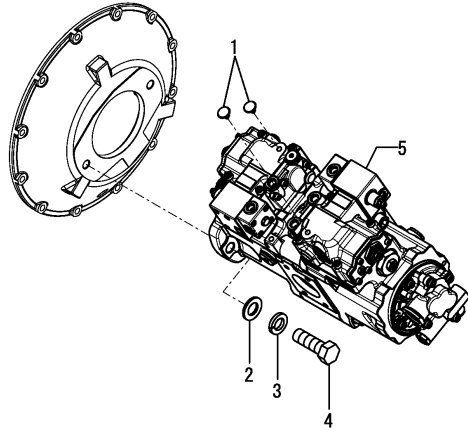


Fig.90. HYDRAULIC PUMP

(A)=VIO82 C(AS)
 (B)=
 (C)=

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



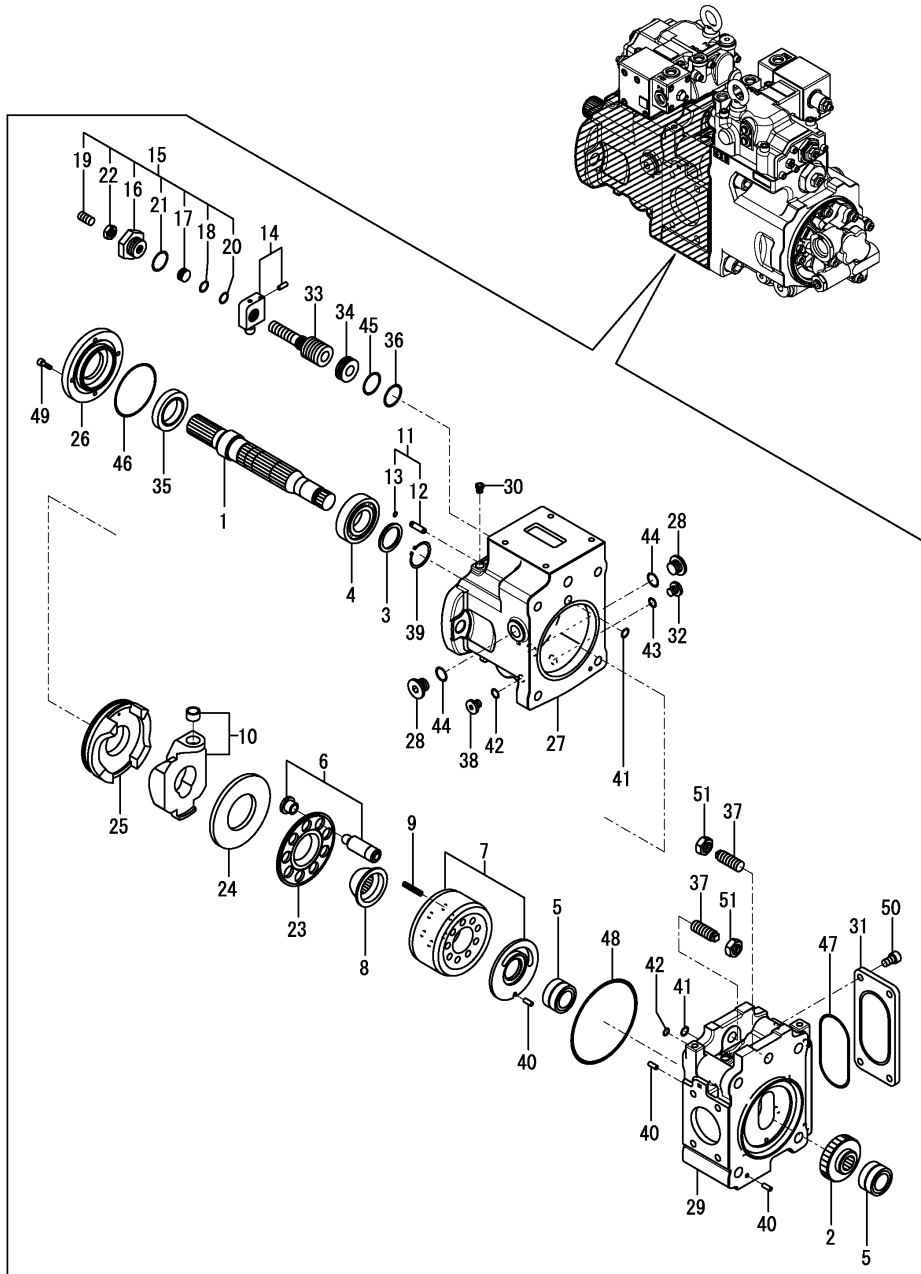
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	2							
2	1	22137-160000	WASHER, 16	2							
3	1	22217-160000	WASHER, SPRING 16	2							
4	1	26076-160552	BOLT, 10.916X 55	2							
5	1	172B36-73100	PUMP ASSY	1							1

Remarks

(1) Inner parts are shown in Fig.160(90C) from Fig.158(90A).

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

Fig.158. (90A)HYDRAULIC PUMP(INNER PARTS)(1)



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

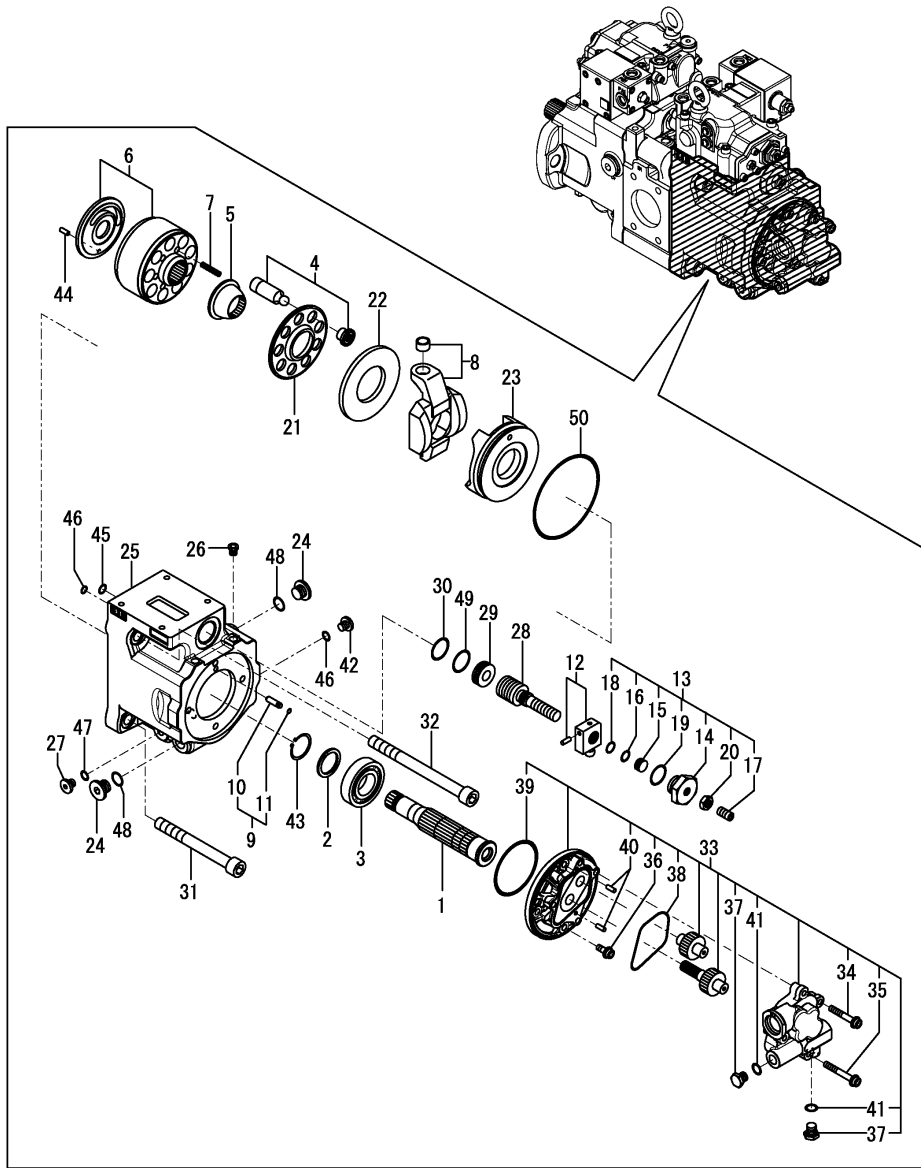
(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-70010	SHAFT	1							
2	2	172B36-70030	GEAR, 1ST	1							
3	2	172B11-70040	SPACER	1							
4	2	172B36-70040	BEARING, BALL	1							
5	2	172B36-70050	BEARING, NEEDLE	2							
6	2	172B36-70060	PISTON ASSY	9							
7	2	172B36-70070	CYLINDER ASSY	1							
8	2	172B11-70080	BUSH	1							
9	2	172B11-70090	SPRING	6							
10	2	172B36-70090	PLATE ASSY	1							
11	2	172B36-70100	LOCK ASSY	1							
12	3	172B36-70160	LOCK	1							
13	3	24316-000050	O-RING, 4DP5.0	1							
14	2	172B36-70110	PIN ASSY	1							
15	2	172B36-70120	PLUG ASSY	1							
16	3	172B36-70240	PLUG	1							
17	3	172B36-70260	STOPPER, S	1							
18	3	172B36-70290	RING, BACK UP	1							
19	3	172B36-70340	PIN, SCREW M12-23	1							
20	3	24316-000140	O-RING, 4DP14.0	1							
21	3	24316-000280	O-RING, 4DP28.0	1							
22	3	26756-120002	NUT, LOCK M12	1							
23	2	172B36-70130	PLATE	1							
24	2	172B36-70140	PLATE	1							
25	2	172B36-70150	SUPPORT	1							
26	2	172B36-70170	COVER	1							
27	2	172B36-70180	CASE	1							
28	2	172B11-70190	PLUG, G1/2	2							
29	2	172B36-70200	BLOCK, VALVE	1							
30	2	172B11-70210	PLUG, M7X0.75	5							
31	2	172B36-70210	COVER	1							
32	2	172B36-70220	PLUG, G3/8	1							
33	2	172B36-70230	PISTON, SERVO	1							
34	2	172B36-70250	STOPPER, L	1							
35	2	172B36-70280	SEAL, OIL	1							
36	2	172B36-70300	RING, BACK UP	1							
37	2	172B36-70350	PIN	2							
38	2	172455-77140	PLUG	1							
39	2	22242-000350	RING, 35	1							
40	2	22351-060014	PIN, SPRING 6.0X14	3							
41	2	24316-000080	O-RING, 4DP8.0	6							
42	2	24316-000110	PACKING, P 11.0	3							
43	2	24316-000140	O-RING, 4DP14.0	1							
44	2	24316-000180	O-RING, 4DP18.0	2							
45	2	24326-000300	O-RING, 4DG30.0	1							
46	2	24326-000800	O-RING, 4DG80.0	1							
47	2	24326-000950	O-RING, 4DG95.0	1							
48	2	24326-001250	O-RING, 4DG125.0	1							
49	2	26450-060162	BOLT, M6X 16	4							
50	2	26450-100202	BOLT, M10X 20	4							
51	2	26756-160002	NUT, LOCK M16	2							

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

Fig.159. (90B)HYDRAULIC PUMP(INNER PARTS)(2)

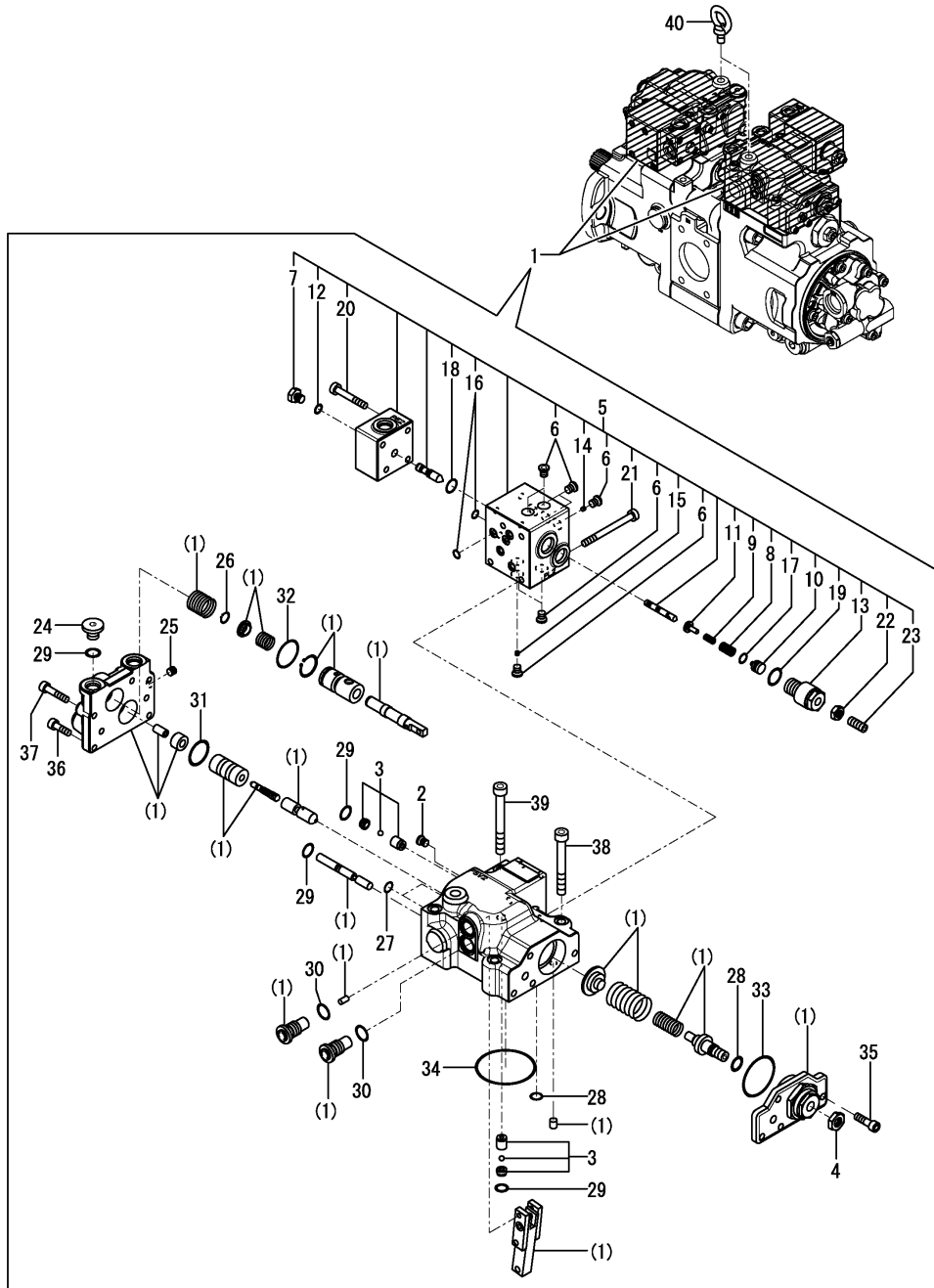


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-70020	SHAFT	1							
2	2	172B11-70040	SPACER	1							
3	2	172B36-70040	BEARING, BALL	1							
4	2	172B36-70060	PISTON ASSY	9							
5	2	172B11-70080	BUSH	1							
6	2	172B36-70080	CYLINDER ASSY	1							
7	2	172B11-70090	SPRING	6							
8	2	172B36-70090	PLATE ASSY	1							
9	2	172B36-70100	LOCK ASSY	1							
10	3	172B36-70160	LOCK	1							
11	3	24316-000050	O-RING, 4DP5.0	1							
12	2	172B36-70110	PIN ASSY	1							
13	2	172B36-70120	PLUG ASSY	1							
14	3	172B36-70240	PLUG	1							
15	3	172B36-70260	STOPPER, S	1							
16	3	172B36-70290	RING, BACK UP	1							
17	3	172B36-70340	PIN, SCREW M12-23	2							
18	3	24316-000140	O-RING, 4DP14.0	1							
19	3	24316-000280	O-RING, 4DP28.0	1							
20	3	26756-120002	NUT, LOCK M12	2							
21	2	172B36-70130	PLATE	1							
22	2	172B36-70140	PLATE	1							
23	2	172B36-70150	SUPPORT	1							
24	2	172B11-70190	PLUG, G1/2	2							
25	2	172B36-70190	CASE	1							
26	2	172B11-70210	PLUG, M7X0.75	4							
27	2	172B36-70220	PLUG, G3/8	1							
28	2	172B36-70230	PISTON, SERVO	1							
29	2	172B36-70250	STOPPER, L	1							
30	2	172B36-70300	RING, BACK UP	2							
31	2	172B36-70320	BOLT, SOCKET M16-150	2							
32	2	172B36-70330	BOLT, SOCKET M16-190	2							
33	2	172B36-73150	PUMP ASSY, GEAR	1							
34	3	172B11-70800	SOCKET, FLANGE	2							
35	3	172B11-70810	SOCKET, FLANGE	2							
36	3	172B11-70820	SOCKET, FLANGE	4							
37	3	172B11-70830	PLUG, G1/4	2							
38	3	172B11-70850	RING	1							
39	3	172B11-70860	O-RING, AS568-152	1							
40	3	172B11-70870	PIN	2							
41	3	24315-000110	O-RING, 1BP11.0	2							
42	2	172455-77140	PLUG	1							
43	2	22242-000350	RING, 35	1							
44	2	22351-060014	PIN, SPRING 6.0X14	1							
45	2	24316-000080	O-RING, 4DP8.0	1							
46	2	24316-000110	PACKING, P 11.0	3							
47	2	24316-000140	O-RING, 4DP14.0	1							
48	2	24316-000180	O-RING, 4DP18.0	2							
49	2	24326-000300	O-RING, 4DG30.0	1							
50	2	24326-001250	O-RING, 4DG125.0	1							

Fig.160. (90C)HYDRAULIC PUMP(INNER PARTS)(3)



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-73250	REGULATOR ASSY	2							
2	3	172B11-70210	PLUG, M7X0.75	6							
3	3	172B11-70220	VALVE ASSY, CHECK	4							
4	3	172B11-70520	NUT	2							
5	3	172B36-73260	VALVE	2							
6	4	172B11-70210	PLUG, M7X0.75	16							
7	4	172B36-70370	PLUG	2							
8	4	172B36-70380	SPRING	2							
9	4	172B36-70390	SPRING	2							
10	4	172B36-70400	STOPPER	2							
11	4	172B36-70410	BASE, SPRING	2							
12	4	172B36-70420	O-RING, AS568 00RA00	2							
13	4	172B36-70430	PLUG	2							
14	4	172B36-70450	VALVE, PTRS13204	2							
15	4	172B36-70460	VALVE, PTRS13205	2							
16	4	24315-00060	O-RING, 1BP6.0	12							
17	4	24315-00080	O-RING, 1BP8.0	2							
18	4	24315-000110	O-RING, 1BP11.0	2							
19	4	24315-000140	O-RING, 1BP14.0	2							
20	4	26450-060352	BOLT, M6X 35	8							
21	4	26450-060602	BOLT, M6X 60	8							
22	4	26756-080002	NUT, LOCK M8	2							
23	4	26979-080202	SCREW, M8X20	2							
24	3	172455-77140	PLUG	2							
25	3	172455-77150	PLUG	6							
26	3	22242-000100	RING, 10	2							
27	3	24316-000080	O-RING, 4DP8.0	10							
28	3	24316-000090	O-RING, 4DP9.0	6							
29	3	24316-000110	PACKING, P 11.0	8							
30	3	24316-000120	O-RING, 4DP12.0	4							
31	3	24316-000220	O-RING, 4DP22.0	2							
32	3	24326-000250	O-RING, 4DP25.0	2							
33	3	24316-000380	O-RING, 4DP38.0	2							
34	3	24326-000550	O-RING, 4DG55.0	2							
35	3	26450-060162	BOLT, M6X 16	8							
36	3	26450-060202	BOLT, M6X 20	6							
37	3	26450-060302	BOLT, M6X 30	6							
38	3	26450-080502	BOLT, M8X 50	4							
39	3	26450-080702	BOLT, M8X 70	4							
40	2	26617-100002	BOLT, EYE M10	2							

Fig.91. CONTROL VALVE PLATE

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-71550	COLLAR	9							
2	1	172A69-71560	GROMMET	9							
3	1	172A69-71560	GROMMET	2							
4	1	172B36-71600	BASE ASSY, VALVE	1							
5	1	172A89-76150	JOINT	2							
6	2	172A89-76160	NUT, LOCK	2							
7	1	172B36-76680	MOUNT ASSY, BLOCK P	1							
8	2	23871-020000	PLUG, R02	1							
9	1	172B36-76720	MOUNT ASSY, BLOCK DR	1							
10	2	23871-020000	PLUG, R02	1							
11	1	22157-100000	WASHER, 10	9							
12	1	26013-100252	BOLT, M10X 25	2							
13	1	26013-100252	BOLT, M10X 25	2							
14	1	26013-100452	BOLT, M10X 45	9							

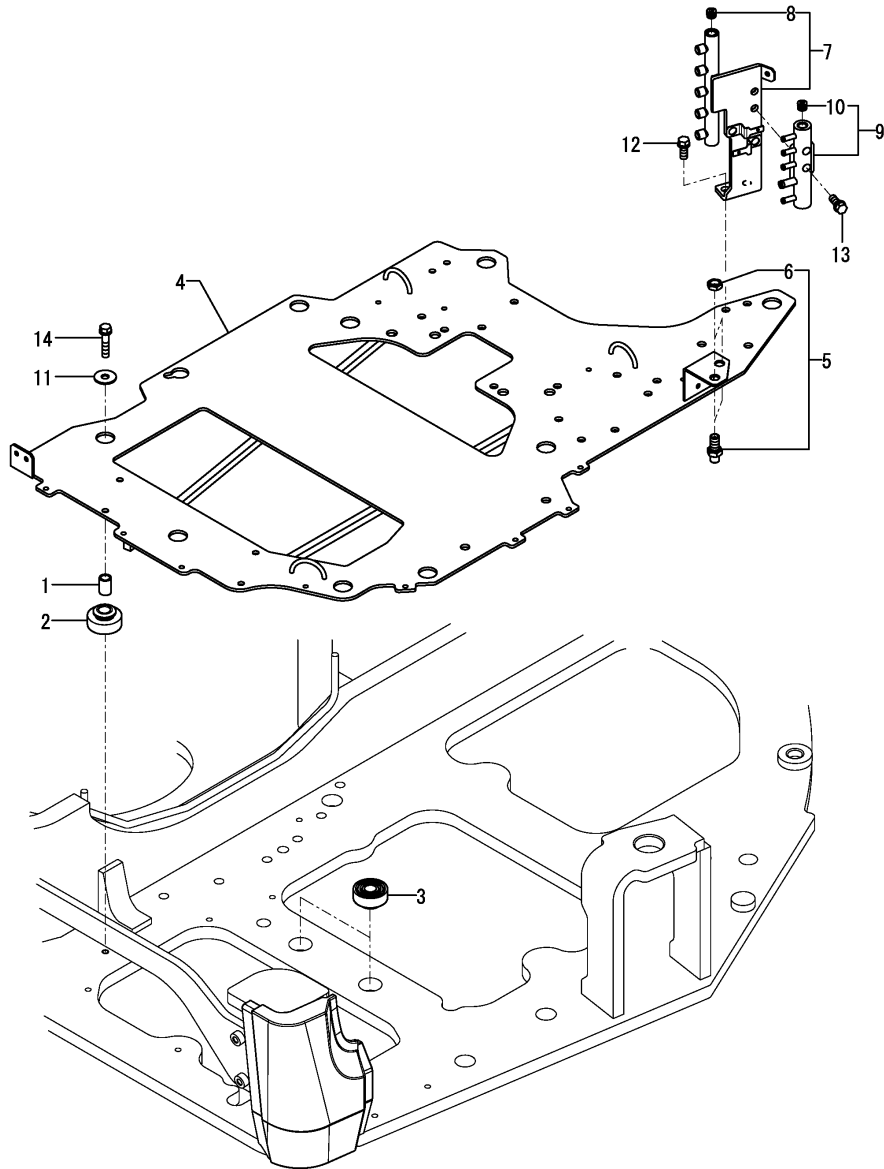
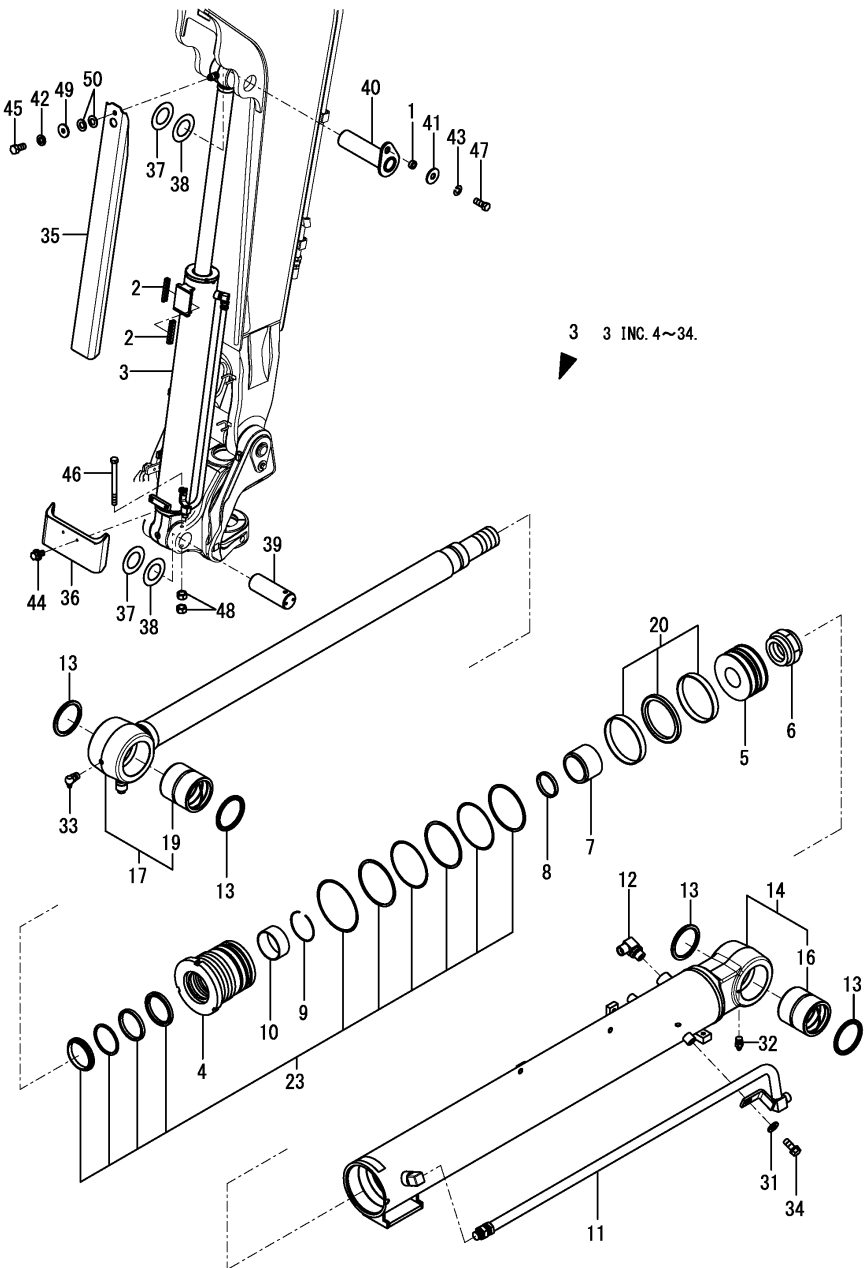


Fig.92. BOOM CYLINDER

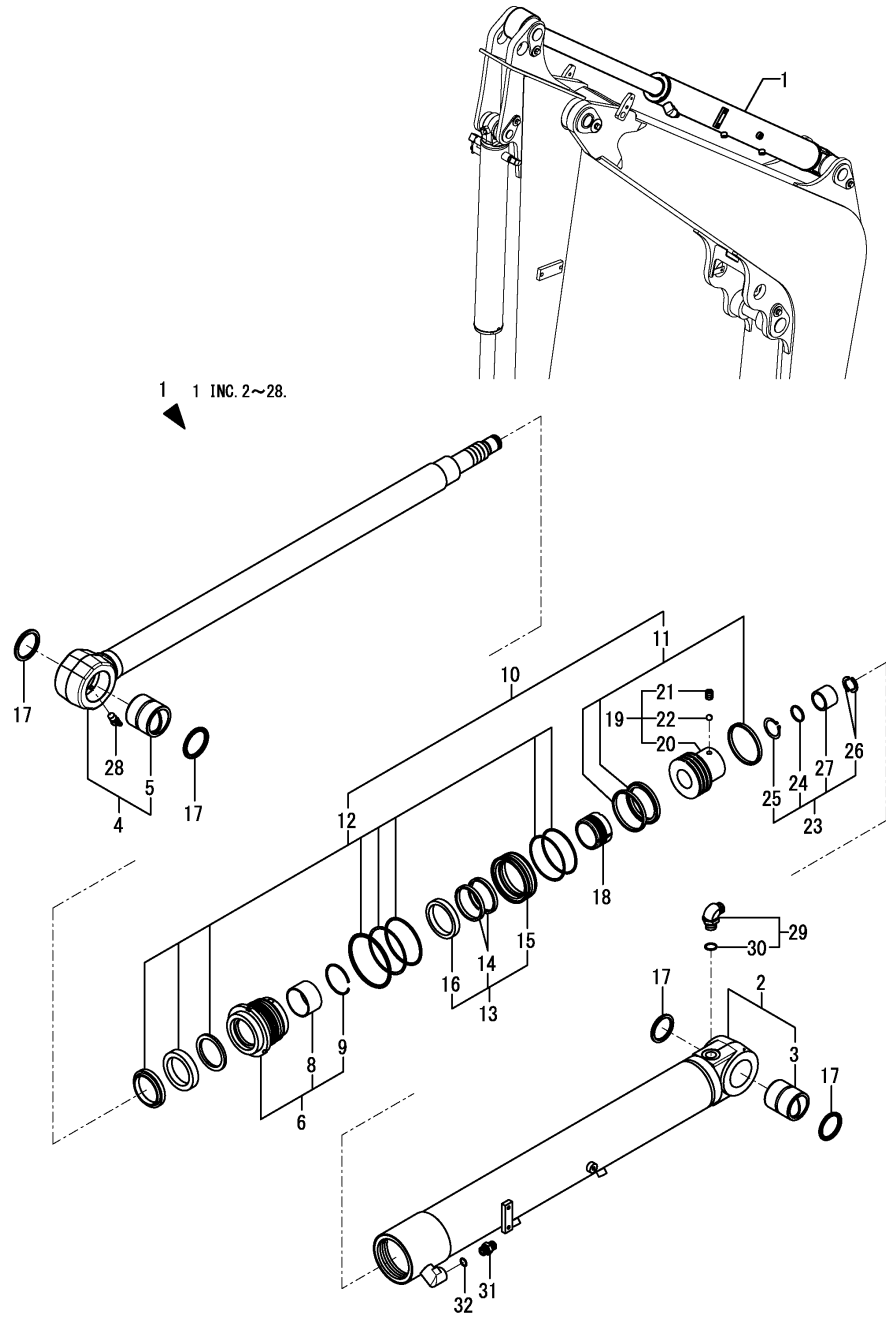


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1							
2	1	172162-61770	GUIDE, SLIDE	2							
3	1	172B11-72100	CYLINDER ASSY, BOOM	1							
4	2	172B11-72110	HEAD	1							
5	2	172B11-72120	PISTON	1							
6	2	172B11-72130	NUT, LOCK	1							
7	2	172B11-72141	PLUNGER, CUSHION	1							
8	2	172B11-72150	SEAL, CUSHION	1							
9	2	172B11-72160	RING, RETAINING	1							
10	2	172B11-72170	BEARING, SLEEVE	1							
11	2	172B11-72180	PIPE ASSY	1							
12	2	172B11-72190	ELBOW, G1/2	1							
13	2	172B11-72200	SEAL, DUST PIN 70	4							
14	2	172B11-72210	REPAIR KIT, TUBE AS	1							
16	3	172B11-71220	BUSH, PIN 70	1							
17	2	172B11-72220	REPAIR KIT, ROD AS	1							
19	3	172B11-71220	BUSH, PIN 70	1							
20	2	172B11-72230	SEAL KIT, PISTON	1							
23	2	172B11-72240	SEAL KIT, HEAD	1							
31	2	22137-100000	WASHER, 10	1							
32	2	24761-020000	NIPPLE, GREASE PT1/8	1							
33	2	24761-050000	NIPPLE, GREASE C	1							
34	2	26076-100162	BOLT, 10 X 16	1							
35	1	172187-72910-N	COVER, SLIDE	1							
36	1	172A89-72960-N	COVER, HOSE	1							
37	1	172176-81700	SHIM	2							
38	1	172176-81710	SHIM	2							
39	1	172187-81801	PIN, 70X200	1							
40	1	172A89-81810	PIN ASSY	1							
41	1	22157-140000	WASHER, 14	1							
42	1	22217-100000	WASHER, SPRING 10	1							
43	1	22217-140000	WASHER, SPRING 14	1							
44	1	26014-100202	BOLT, M10X 20	2							
45	1	26116-100202	BOLT, M10X 20 PLATED	1							
46	1	26116-121402	BOLT, M12X140 PLATED	1							
47	1	26116-140352	BOLT, M14X 35 PLATED	1							
48	1	26716-120002	NUT, M12	2							
49	1	933147-03400	WASHER, BRAKE ARM	1							
50	1	933168-14170	SPRING	2							

Fig.93. ARM CYLINDER



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-72300	CYLINDER ASSY, ARM	1							
2	2	172B36-72320	TUBE ASSY, CYLINDER	1							
3	3	172A69-72480	BUSH, PIN	1							
4	2	172B36-72340	ROD ASSY, PISTON	1							
5	3	172A69-72490	BUSH, PIN	1							
6	2	172B36-72350	HEAD ASSY, CYLINDER	1							
8	3	172A89-72360	BUSH	1							
9	3	172A89-72370	RING,SNAP	1							
10	2	172B36-72400	SEAL KIT	1							
11	3	172B05-72290	SEAL SET,PISTON 100	1							
12	3	172B36-72410	SEAL SET, HEAD	1							
13	2	172B36-72440	HOLDER ASSY	1							
14	3	172B05-72180	SEAL,CUSHION	2							
15	3	172A89-72440	HOLDER	1							
16	3	172A89-72460	COLLAR	1							
17	2	172B36-72460	SEAL, PIN	4							
18	2	172B36-72470	CUSHION, BEARING	1							
19	2	172B36-72480	PISTON ASSY	1							
20	3	172A89-72480	PISTON	1							
21	3	172B04-72870	SCREW	1							
22	3	24190-080002	BALL, STEEL 1/4	1							
23	2	172B36-72490	CUSHION ASSY	1							
24	3	172A69-72450	SEAL, CUSHION	1							
25	3	172A69-72460	RING,SNAP	1							
26	3	172A69-72470	STOPPER	2							
27	3	172A89-72490	BEARING, CUSHION	1							
28	2	24761-050000	NIPPLE, GREASE C	1							
29	1	172B36-76110	ELBOW, 90 G3/4-G3/4	1							
30	2	41851-000240	O-RING	1							
31	1	172112-77361	CONNECTOR	1							
32	1	41851-000180	O-RING	1							

Fig.94. BUCKET CYLINDER

(A)=VIO82 C(AS)

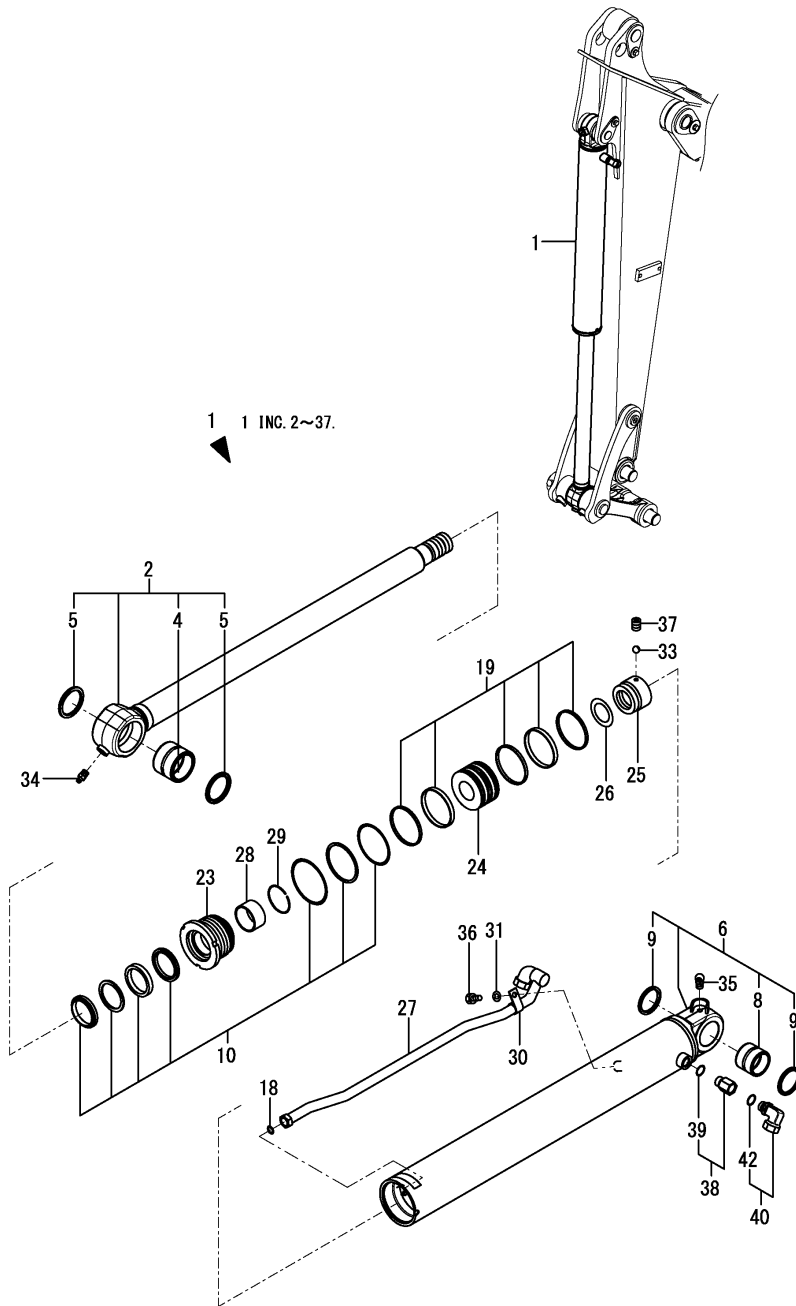
(B)=

(C)=

(D)=

(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							
2	2	172B11-97100	REPAIR KIT, ROD	1							
4	3	172B11-97120	BUSH, PIN 60X75X58	1							
5	3	172B11-97400	SEAL, DUST PIN 60X75	2							
6	2	172B11-97130	REPAIR KIT, TUBE	1							
8	3	172B11-97150	BUSH, PIN 50X60X48	1							
9	3	172B11-97410	SEAL, DUST PIN 50X60	2							
10	2	172B11-97160	SEAL KIT, HEAD 95 60	1							
18	2	172B11-97240	O-RING, 20X2	1							
19	2	172B11-97250	SEAL KIT, PISTON 95	1							
23	2	172B11-97290	HEAD, CYLINDER 95 60	1							
24	2	172B11-97300	PISTON, 95	1							
25	2	172B11-97310	NUT, M45	1							
26	2	172B11-97320	SHIM, 65X45X0.5	1							
27	2	172B11-97330	PIPE ASSY	1							
28	2	172B11-97340	BUSH, 60X65X30	1							
29	2	172B11-97350	RING, RETAINING 60	1							
30	2	172B11-97380	CLAMP, PIPE	1							
31	2	172B11-97390	WASHER	1							
33	2	24190-080001	BALL, STEEL 1/4	1							
34	2	24761-020000	NIPPLE, GREASE PT1/8	1							
35	2	24761-050000	NIPPLE, GREASE C	1							
36	2	26076-080202	BOLT, 8 X 20	1							
37	2	26979-100122	SCREW, M10X12	1							
38	1	172531-76150	ADAPTER, G1/2-1/2	1							
39	2	24315-000180	O-RING, 1BP18.0	1							
40	1	172151-76161	ELBOW ASSY	1							
42	2	24315-000180	O-RING, 1BP18.0	1							

Fig.95. SWING CYLINDER

(A)=VIO82 C(AS)

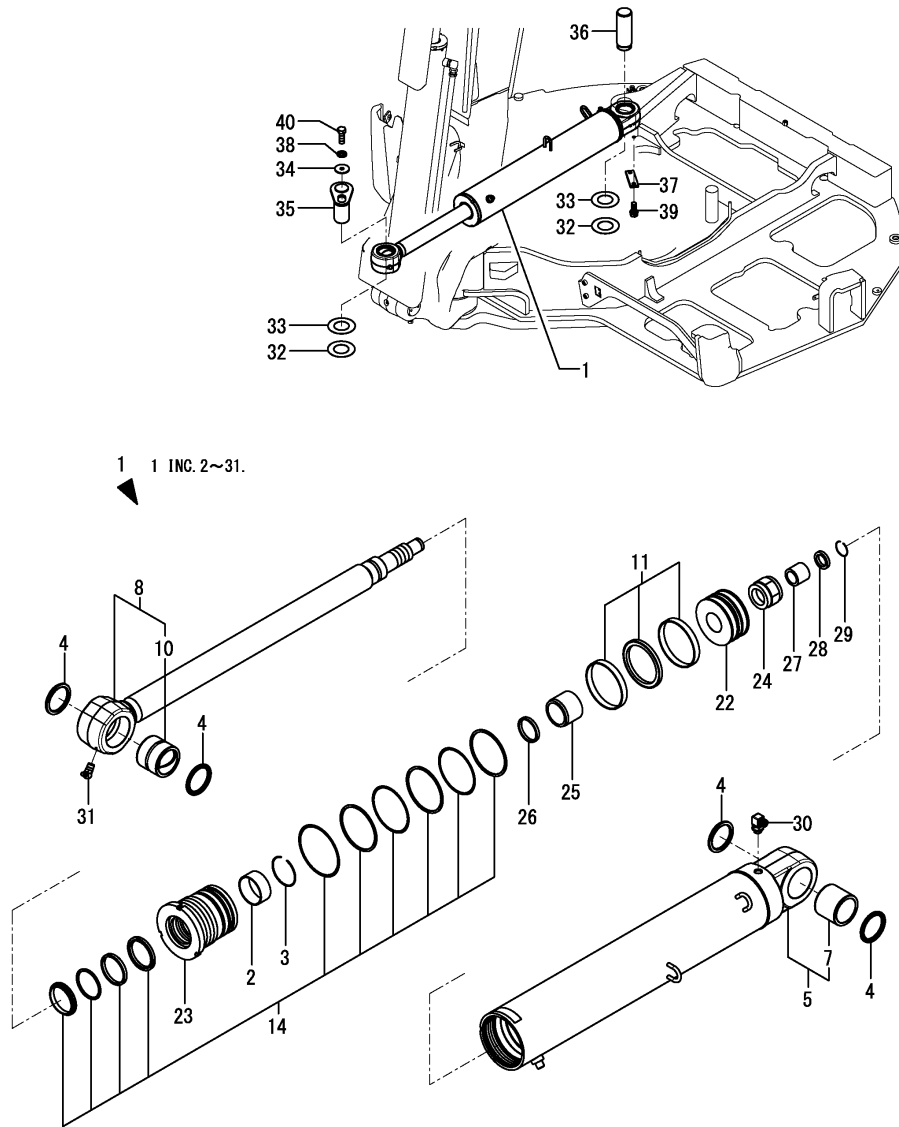
(B)=

(C)=

(D)=

(E)=

(F)=

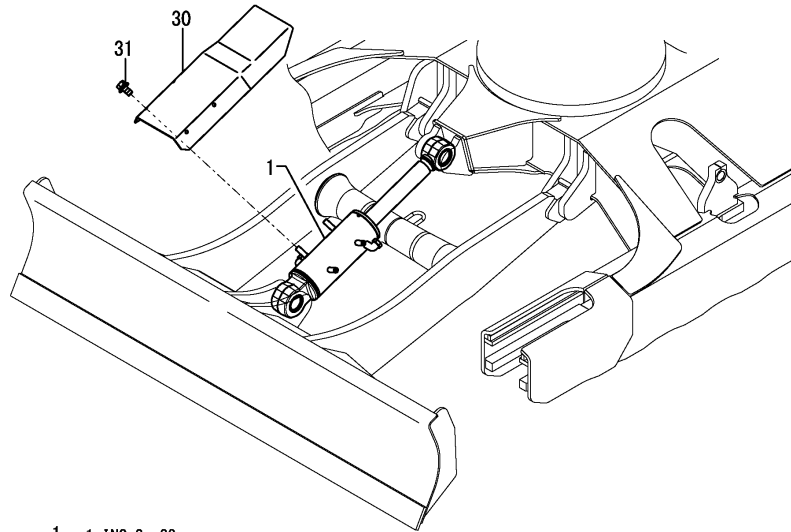


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72700	CYLINDER ASSY, SWING	1							
2	2	172B11-72530	BEARING, SLEEVE	1							
3	2	172B11-72540	RING, RETAINING	1							
4	2	172B11-72550	SEAL, DUST PIN 60	4							
5	2	172B11-72620	REPAIR KIT, TUBE AS	1							
7	3	172B11-71520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

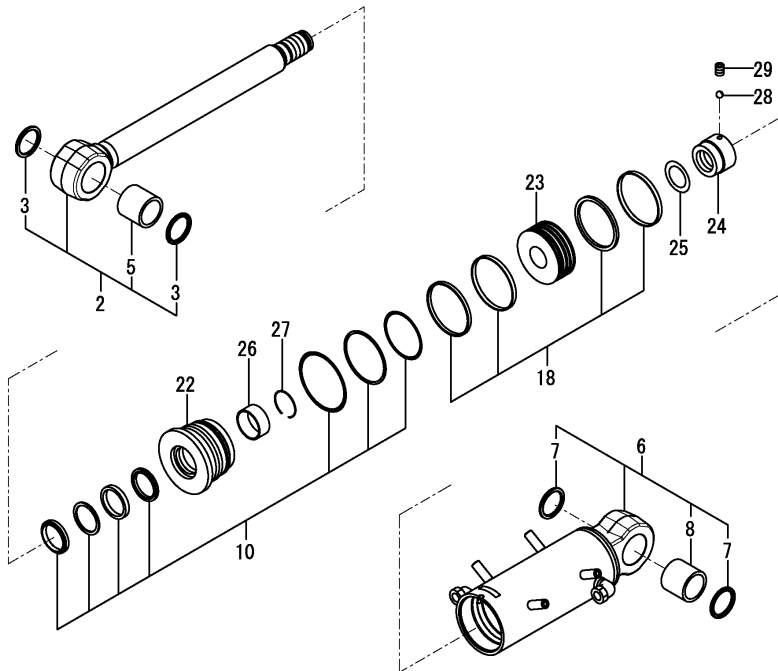
Fig.96. BLADE CYLINDER

(A)=VIO82 C(AS)
(B)=
(C)=

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



1 1 INC. 2~29.

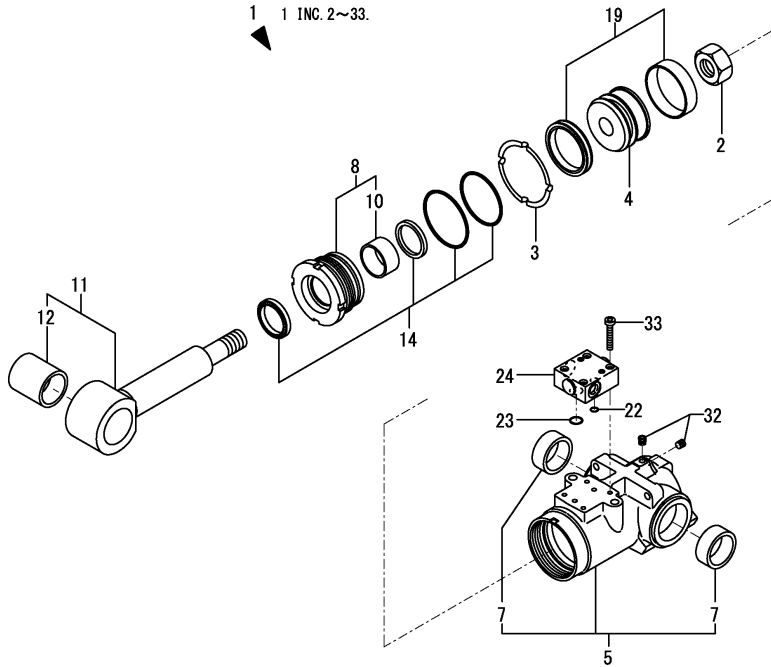
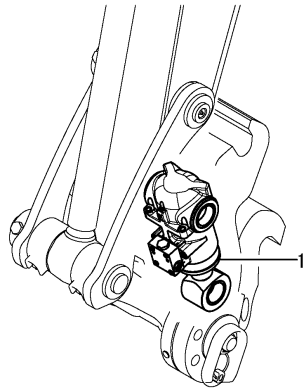


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72801	CYLINDER ASSY, BLADE	1							
2	2	172B11-97500	REPAIR KIT, ROD	1							
3	3	172B11-97400	SEAL, DUST PIN 60X75	2							
5	3	172B11-97520	BUSH, PIN 60X75X68	1							
6	2	172B11-97530	REPAIR KIT, TUBE	1							
7	3	172B11-97400	SEAL, DUST PIN 60X75	2							
8	3	172B11-97520	BUSH, PIN 60X75X68	1							
10	2	172B11-97560	SEAL KIT, HEAD130 65	1							
18	2	172B11-97650	SEAL KIT, PISTON 130	1							
22	2	172B11-97690	HEAD, CYLINDER130 65	1							
23	2	172B11-97700	PISTON, 130	1							
24	2	172B11-97710	NUT, M52	1							
25	2	172B11-97720	SHIM, 65X52.5X0.5	1							
26	2	172B11-97740	BUSH, 65X70X30	1							
27	2	172B11-97750	RING, RETAINING 65	1							
28	2	24190-080001	BALL, STEEL 1/4	1							
29	2	26979-100122	SCREW, M10X12	1							
30	1	172B11-72901	COVER ASSY, BLADE CY	1							
31	1	26014-100202	BOLT, M10X 20	4							

Fig.97. HITCH CYLINDER

(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
2	2	172141-72250	NUT	1							
3	2	172142-72260	WASHER, LOCK	1							
4	2	172175-72480	PISTON 80	1							
5	2	172978-72810-N	TUBE, HITCH	1							
7	3	172978-72890	BUSH 45-55-22	2							
8	2	172978-72860	HEAD 80 45	1							
10	3	24550-045250	BUSH, 45X25	1							
11	2	172978-72880	ROD ASSY,HITCH	1							
12	3	172151-71630	BUSH 45 60	1							
14	2	172978-72920	SEAL SET, HEAD 80X45	1							
19	2	172142-72951	SEAL SET, PISTON	1							
22	2	172958-72950	O-RING	1							
23	2	172958-72960	O-RING	1							
24	2	172958-72983-N	VALVE ASSY,OPERATE	1							
32	2	23871-005000	PLUG, R005	2							
33	2	26450-060302	BOLT, M6X 30	4							

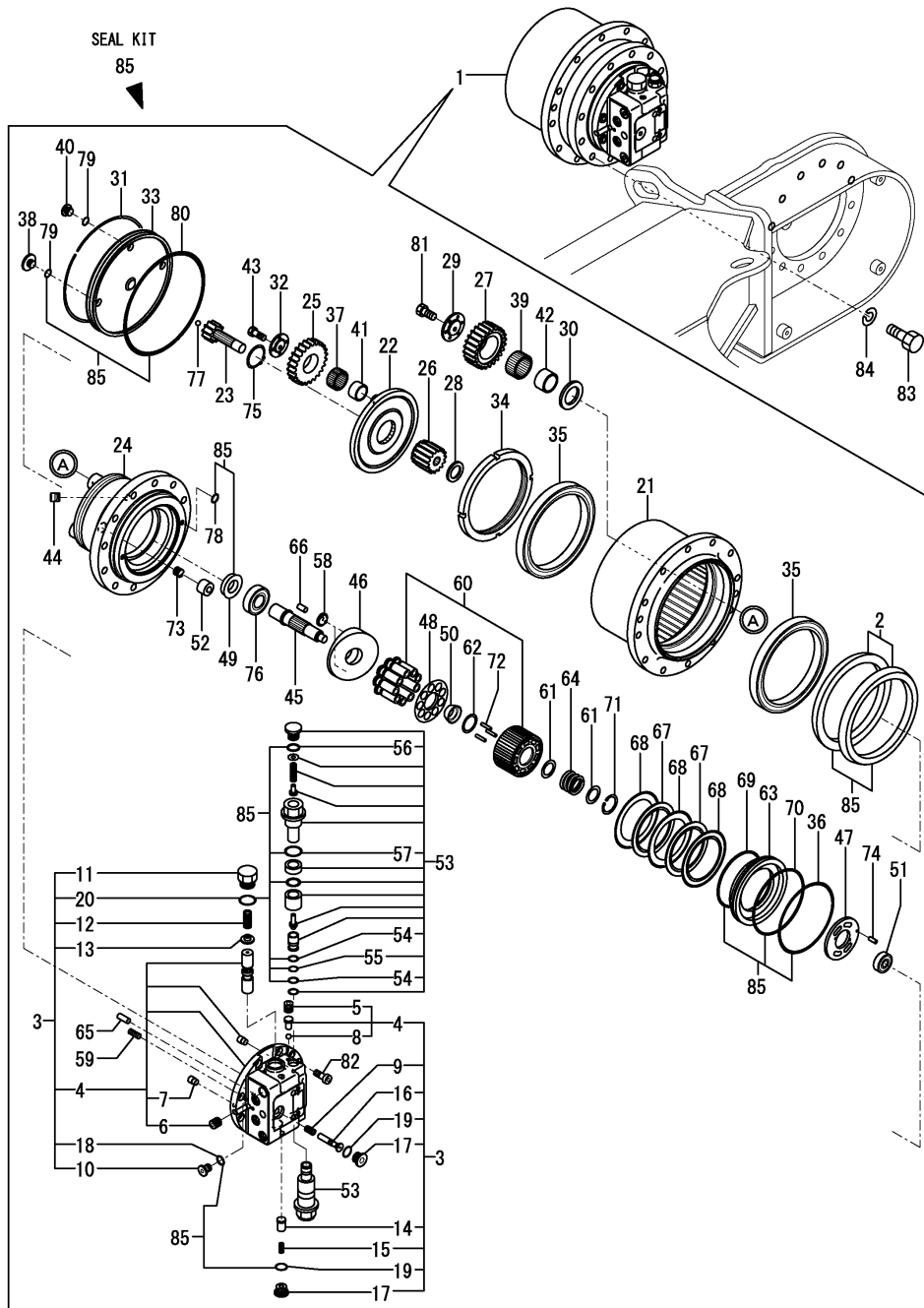
Remarks

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

Fig.98. TRAVEL MOTOR

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-73301	MOTOR ASSY, DRIVE	2							
2	2	172A65-73310	SEAL SET, FLOATING	2							
3	2	172A89-73310	FLANGE, REAR	2							
4	3	172A89-73320	FLANGE, REAR	2							
5	4	172479-73750	PLUG	6							
6	4	172479-73760	PLUG	8							
7	4	172A69-73850	ORIFICE	2							
8	4	24190-060001	BALL, STEEL 3/16	2							
9	3	172A89-73340	SPRING	2							
10	3	172479-73480	PLUG	2							
11	3	172A65-73620	PLUG	4							
12	3	172A65-73630	SPRING	4							
13	3	172479-73800	RETAINER, SPRING	4							
14	3	172479-73810	VALVE	4							
15	3	172479-73830	SPRING	4							
16	3	172A69-73830	SPOOL	2							
17	3	172479-73850	PLUG	6							
18	3	24315-000140	O-RING, 1BP14.0	2							
19	3	24315-000180	O-RING, 1BP18.0	6							
20	3	24315-000260	O-RING, 1BP26.0	4							
21	2	172A65-73320	HUB	2							
22	2	172A65-73340	CARRIER	2							
23	2	172A65-73350	GEAR, SUN	2							
24	2	172A89-73350	SPINDLE	2							
25	2	172A65-73360	GEAR, PLANETARY	6							
26	2	172A65-73370	GEAR, SUN	2							
27	2	172A65-73380	GEAR, PLANETARY	8							
28	2	172A65-73390	COLLAR, THRUST	2							
29	2	172A65-73400	WASHER, THRUST	8							
30	2	172A65-73410	WASHER, THRUST	8							
31	2	172479-73420	RING	2							
32	2	172A65-73420	WASHER 3, THRUST	6							
33	2	172A89-73430	COVER	2							
34	2	172A65-73440	NUT, RING	2							
35	2	172A65-73450	BEARING, BALL	4							
36	2	172499-73460	O-RING	2							
37	2	172A65-73460	ROLLER	6							
38	2	172479-73470	PLUG	2							
39	2	172A65-73470	ROLLER	8							
40	2	172479-73480	PLUG	4							
41	2	172A65-73480	RING, INNER	6							
42	2	172A65-73490	RING, INNER	8							
43	2	172A65-73500	BOLT M8X20 10.9T	6							
44	2	172A65-73510	SCREW	4							
45	2	172A65-73520	SHAFT	2							
46	2	172A89-73530	PLATE, SWASH	2							
47	2	172A65-73540	PLATE, TIMMING	2							
48	2	172A89-73540	PLATE, RETAINER	2							
49	2	172A65-73550	SEAL, OIL	2							
50	2	172A89-73550	BALL, THRUST	2							
51	2	172A65-73560	BEARING	2							

Fig.98. TRAVEL MOTOR

(A)=VIO82 C(AS)

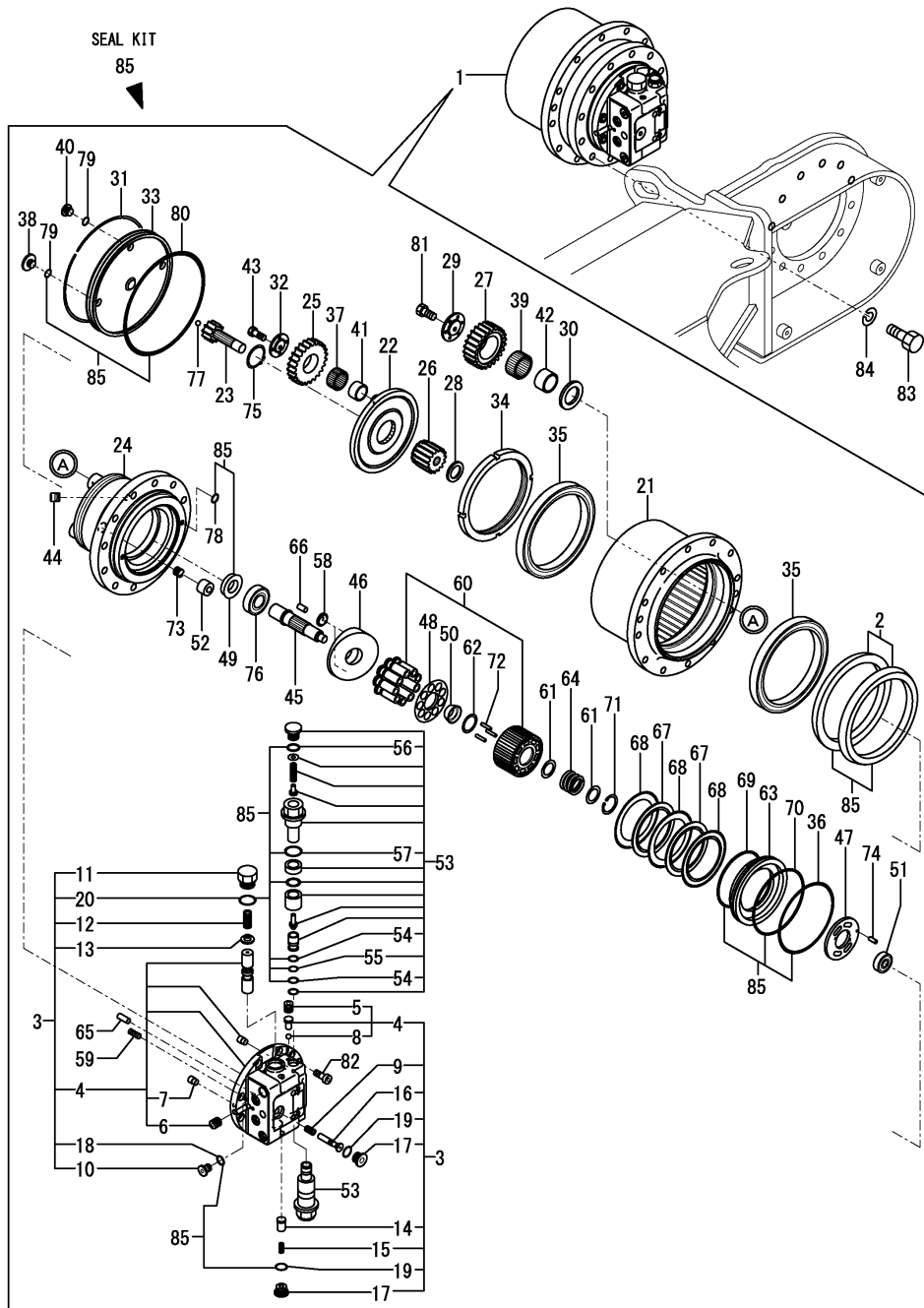
(B)=

(C)=

(D)=

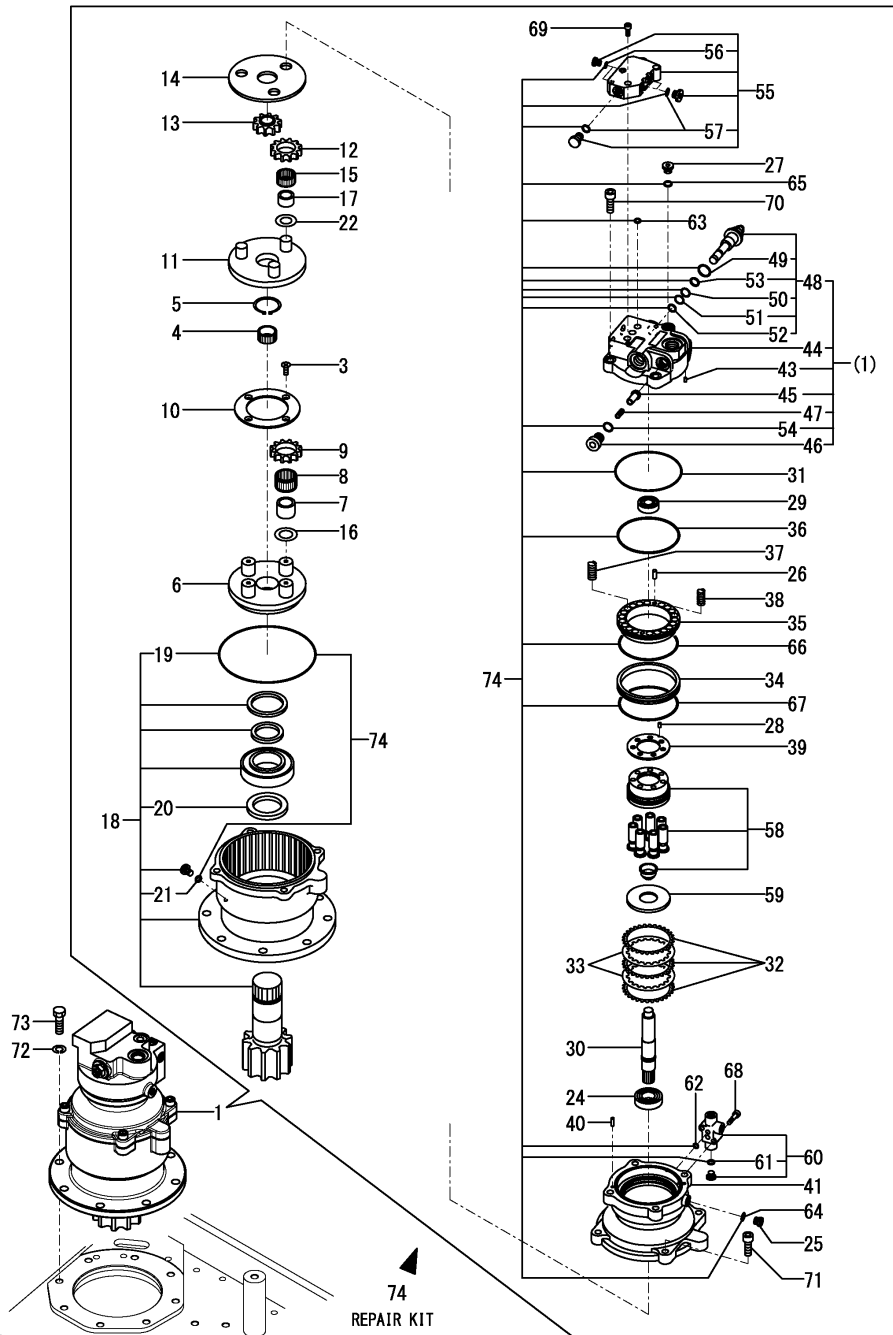
(E)=

(F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	2	172A89-73560	PISTON	2							
53	2	172A65-73570	VALVE ASSY,RELIEF	4							
54	3	172A65-73580	RING,BACK-UP	8							
55	3	24315-000100	O-RING, 1BP10.0	4							
56	3	24315-000110	O-RING, 1BP11.0	4							
57	3	24315-000200	O-RING, 1BP20.0	4							
58	2	172A89-73570	PIVOT	2							
59	2	172479-73590	SPRING	20							
60	2	172499-73620	PISTON ASSY	2							
61	2	172499-73660	WASHER	4							
62	2	172499-73670	WASHER	2							
63	2	172499-73680	PISTON	2							
64	2	172499-73700	SPRING	2							
65	2	172479-73710	PIN, PARALLEL	4							
66	2	172479-73710	PIN, PARALLEL	4							
67	2	172499-73710	PLATE, FRICTION	4							
68	2	172499-73720	PLATE	6							
69	2	172499-73760	O-RING	2							
70	2	172499-73770	O-RING	2							
71	2	172499-73780	RING, SNAP	2							
72	2	172499-73810	ROLLER	6							
73	2	172499-73870	SPRING	2							
74	2	172479-73950	PIN, PARALLEL	2							
75	2	22242-000450	RING, 45	2							
76	2	24101-062064	BEARING, BALL 6206	2							
77	2	24190-120001	BALL, STEEL 3/8	2							
78	2	24315-000070	O-RING, 1BP7.0	4							
79	2	24315-000140	O-RING, 1BP14.0	6							
80	2	24321-002300	O-RING, 1AG230.0	2							
81	2	26076-100202	BOLT, 10.910X 20	8							
82	2	26450-120302	BOLT, M12X 30	16							
83	1	172460-73320	BOLT	24							
84	1	22217-160000	WASHER, SPRING 16	24							
85	1	172A65-73700	SEAL SET	2							

Fig.99. TURNING MOTOR



(A)=VIO82 C(AS)

(B)=

(C)=

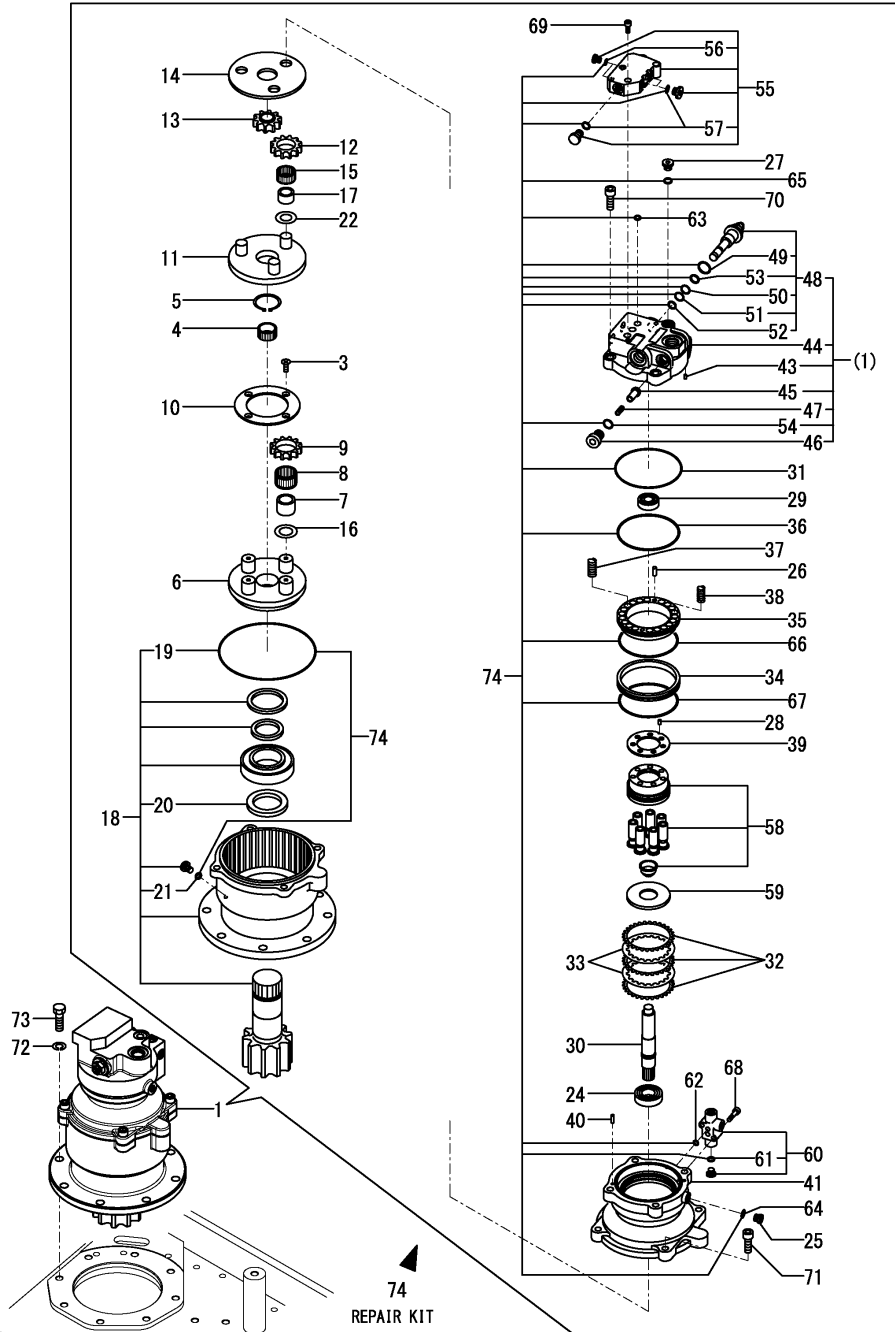
(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-73310	MOTOR ASSY, SWING	1							
3	3	172162-70290	SCREW	4							
4	3	172162-70310	GEAR, SUN	1							
5	3	172162-70320	RING, SNAP	1							
6	3	172499-70720	HOLDER	1							
7	3	172499-70730	RACE, INNER	4							
8	3	172499-70740	BEARING, NEEDLE	4							
9	3	172499-70750	GEAR, PLANETARY	4							
10	3	172499-70760	PLATE, THRUST	1							
11	3	172499-70770	HOLDER	1							
12	3	172499-70780	GEAR, PLANETARY	3							
13	3	172499-70790	GEAR, DRIVE	1							
14	3	172499-71040	PLATE KIT, THRUST	1							
15	3	172450-73360	BEARING, NEEDLE	3							
16	3	172423-73370	WASHER, THRUST	4							
17	3	172450-73370	RACE, INNER	3							
18	3	172A69-73370	HOUSING ASSY	1							
19	4	172162-70150	O-RING	1							
20	4	172A69-73320	SEAL, OIL	1							
21	4	24315-000080	O-RING, 1BP8.0	1							
22	3	172450-73380	WASHER, THRUST	3							
24	3	172122-70260	BEARING, BALL	1							
25	3	172148-70301	PLUG	1							
26	3	172122-70410	PIN	2							
27	3	172147-70500	PLUG	1							
28	3	172122-70530	PIN	1							
29	3	172162-70590	BEARING, BALL	1							
30	3	172499-70810	SHAFT	1							
31	3	172162-70820	O-RING	1							
32	3	172499-70830	DISK	3							
33	3	172499-70840	PLATE, FRICTION	2							
34	3	172499-70850	COLLAR	1							
35	3	172499-70860	PISTON, BRAKE	1							
36	3	172499-70870	O-RING	1							
37	3	172499-70880	SPRING	12							
38	3	172499-70890	SPRING	8							
39	3	172499-70970	PLATE, VALVE	1							
40	3	172499-70980	PIN	2							
41	3	172A69-73330	CASE	1							
43	4	172124-70380	ORIFICE	1							
44	4	172499-70900	COVER	1							
45	4	172499-70910	POPPET	2							
46	4	172499-70920	PLUG	2							
47	4	172499-70930	SPRING	2							
48	4	172B11-73340	VALVE ASSY, RELIEF	2							
49	5	172499-70950	O-RING	2							
50	5	172499-70960	RING, BUCK UP	2							
51	5	172312-74780	RING, BUCK UP	2							
52	5	24315-000150	O-RING, 1BP15.0	2							
53	5	24315-000160	O-RING, 1BP16.0	2							
54	4	24315-000210	O-RING, 1BP21.0	2							

Fig.99. TURNING MOTOR



(A)=VIO82 C(AS)
(B)=
(C)=

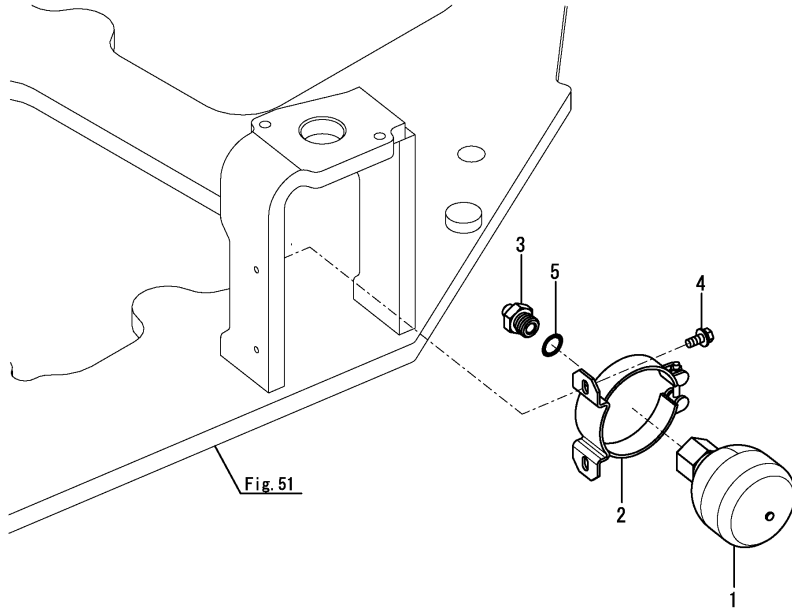
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
55	3	172A69-73350	VALVE ASSY	1							
56	4	24315-000110	O-RING, 1BP11.0	2							
57	4	24315-000140	O-RING, 1BP14.0	4							
58	3	172A69-73360	CYLINDER BLOCK ASSY	1							
59	3	172A69-73380	PLATE, THRUST	1							
60	3	172B36-73390	VALVE ASSY	1							
61	4	24315-000110	O-RING, 1BP11.0	1							
62	3	24315-000070	O-RING, 1BP7.0	2							
63	3	24315-000100	O-RING, 1BP10.0	3							
64	3	24315-000110	O-RING, 1BP11.0	1							
65	3	24315-000140	O-RING, 1BP14.0	1							
66	3	24325-001300	O-RING, 1BG130.0	1							
67	3	24325-001450	O-RING, 1BG145.0	1							
68	3	26450-060302	BOLT, M6X 30	2							
69	3	26450-080202	BOLT, M8X 20	3							
70	3	26450-140402	BOLT, M14X 40	4							
71	2	26450-140402	BOLT, M14X 40	4							
72	1	22217-160000	WASHER, SPRING 16	8							
73	1	26076-160502	BOLT, 10.916X 50	8							
74	1	172499-71020	REPAIR KIT	1							

Fig.100. ACCUMULATOR

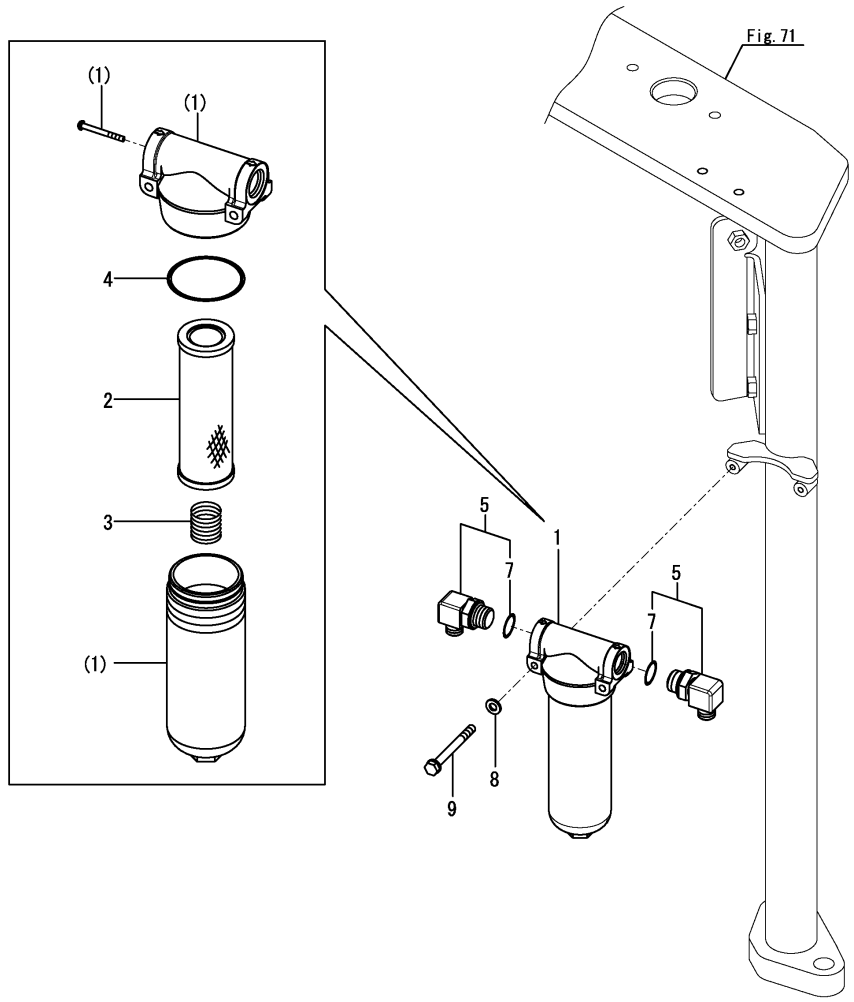
(A)=VIO82 C(AS)
(B)=
(C)=

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



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

Fig.101. LINE FILTER

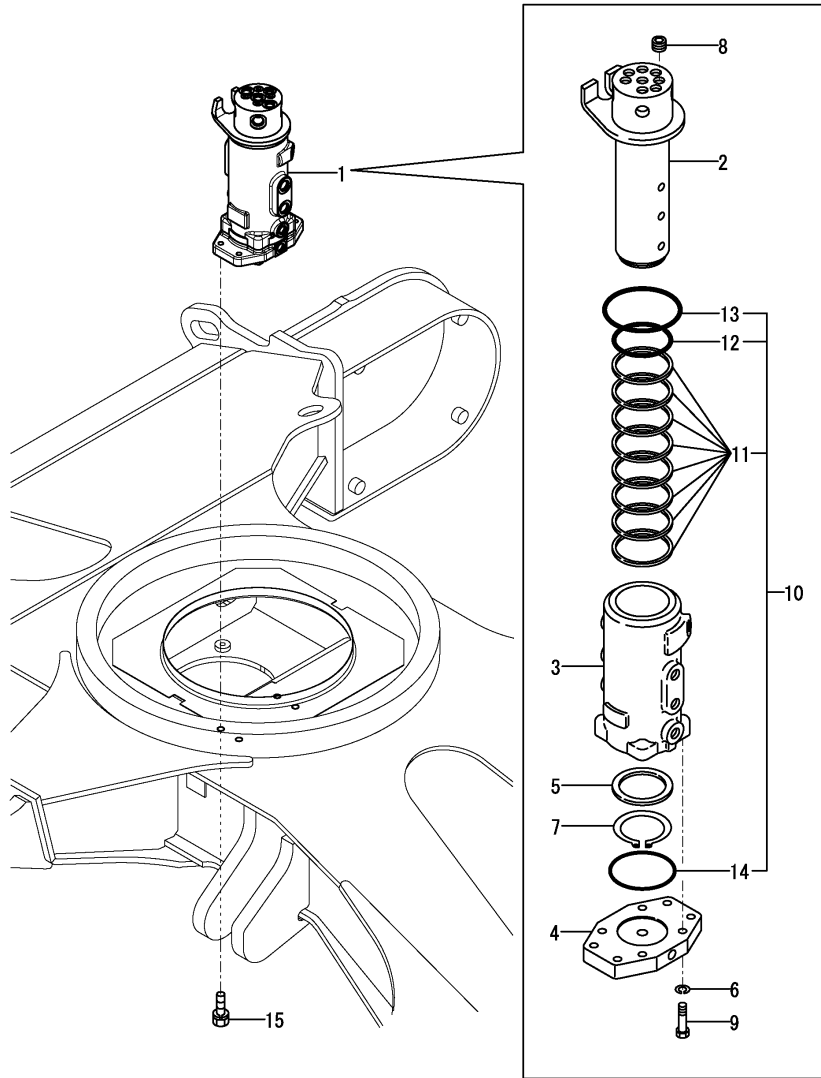


(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	2	172B11-73760	ELEMENT	1							
3	2	172B11-73770	SPRING	1							
4	2	172B11-73780	O-RING, JASO 2053 90	1							
5	1	172157-76300	ELBOW ASSY	2							
7	2	24315-000180	O-RING, 1BP18.0	2							
8	1	22137-060000	WASHER, 6	2							
9	1	26013-060602	BOLT, M6X 60	2							

Fig.102. SWIVEL JOINT



(A)=VIO82 C(AS)
(B)=
(C)=

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

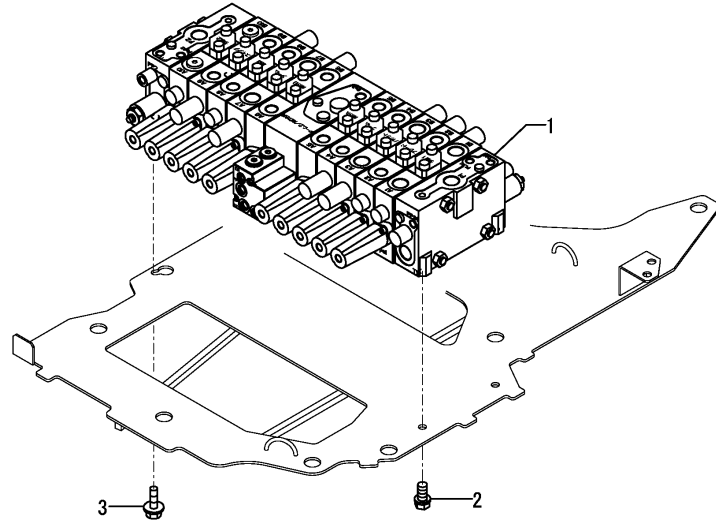
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A65-73800	JOINT ASSY, SWIVEL	1							
2	2	172A65-73810	SHAFT ASSY	1							
3	2	172A65-73840	ROTOR	1							
4	2	172A65-73850	FLANGE	1							
5	2	172A65-73860	SPACER	1							
6	2	22217-100000	WASHER, SPRING 10	4							
7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

Fig.103. CONTROL VALVE

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74101	VALVE ASSY, CONTROL	1							
2	1	26013-120252	BOLT, M12X 25	2							
3	1	26106-120202	BOLT, M12X 20 PLATED	1							



CONTROL VALVE

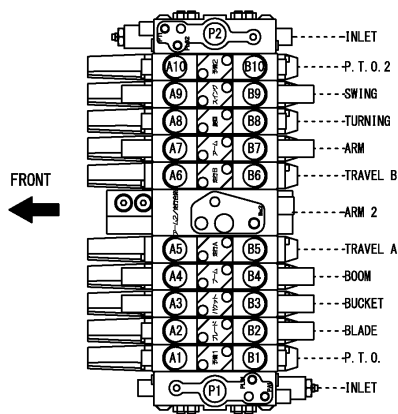
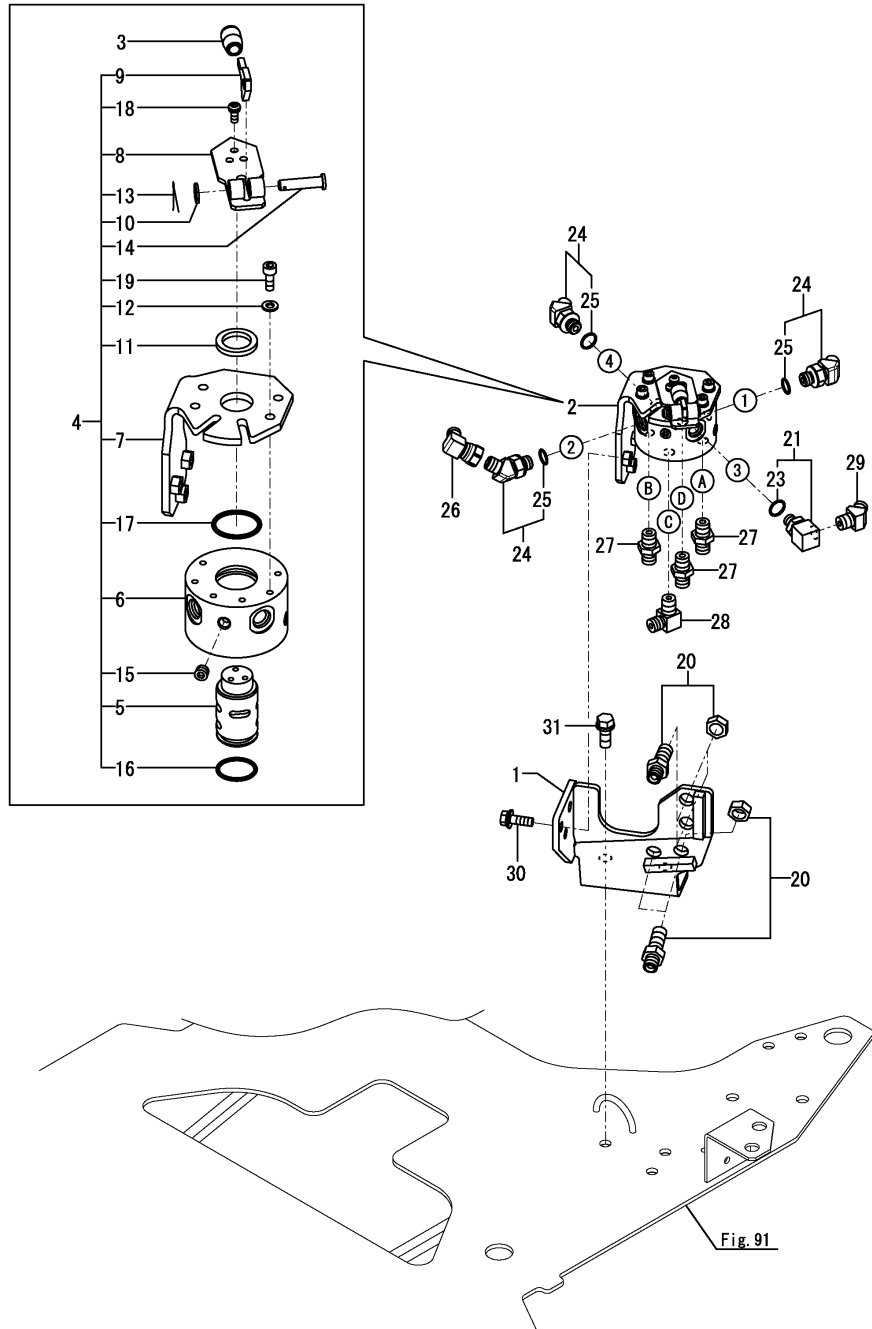


Fig.104. 2-WAY VALVE



(A)=VIO82 C(AS)
(B)=
(C)=

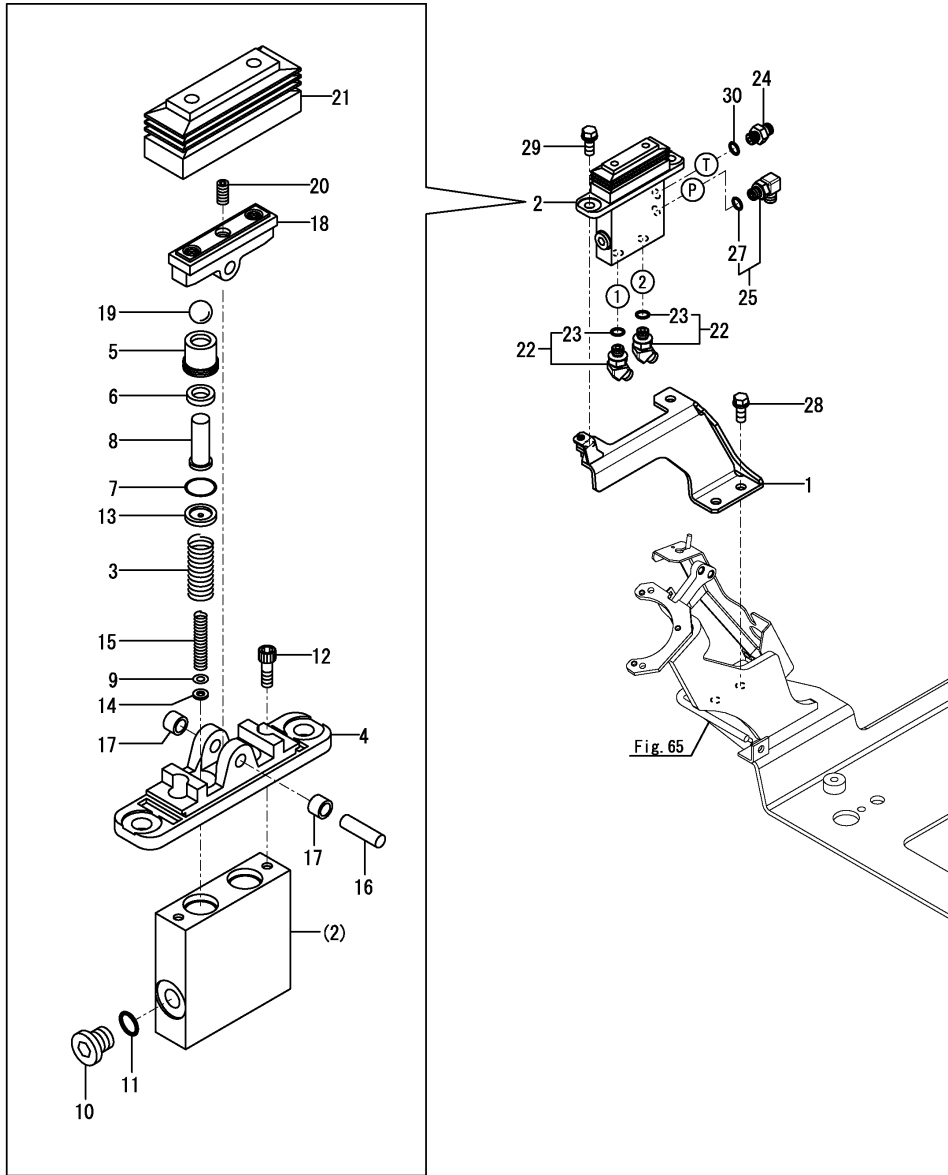
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-71750	BRACKET ASSY,2WAY	1							
2	1	172A36-74690	VALVE ASSY, 2-WAY	1							
3	2	172157-58830	KNOB, 6.5X18X35	1							
4	2	172A36-74700	VALVE ASSY, 2-WAY	1							
5	3	172437-74711	SHAFT	1							
6	3	172437-74720	BLOCK,VALVE	1							
7	3	172437-74732	STAY ASSY	1							
8	3	172A36-74750	LEVER	1							
9	3	172A36-74780	PLATE,LOCK	1							
10	3	22117-080000	WASHER, 8	1							
11	3	22137-240000	WASHER, 24	1							
12	3	22217-060000	WASHER, SPRING 6	4							
13	3	22417-200160	PIN, COTTER 2.0X16	1							
14	3	22487-080300	PIN, 8X 30	1							
15	3	23871-010000	PLUG, R01	4							
16	3	24311-000250	O-RING, 1AP25.0	1							
17	3	24311-000320	O-RING, 1AP32.0	1							
18	3	26022-050122	SCREW, M5X12	3							
19	3	26450-060162	BOLT, M6X 16	4							
20	1	172151-76050	JOINT	4							
21	1	172137-76100	ELBOW	1							
23	2	24315-000110	O-RING, 1BP11.0	1							
24	1	172173-76102	CONNECTOR ASSY	3							
25	2	41851-000110	O-RING	3							
26	1	172828-76330	CONNECTOR, 1/4X1/4	1							
27	1	23391-020000	JOINT, RGI-1/4	3							
28	1	23393-020000	JOINT, 90RGI-1/4	1							
29	1	23394-020000	JOINT, 45RGI-1/4	1							
30	1	26013-080202	BOLT, M8X 20	3							
31	1	26013-100252	BOLT, M10X 25	2							

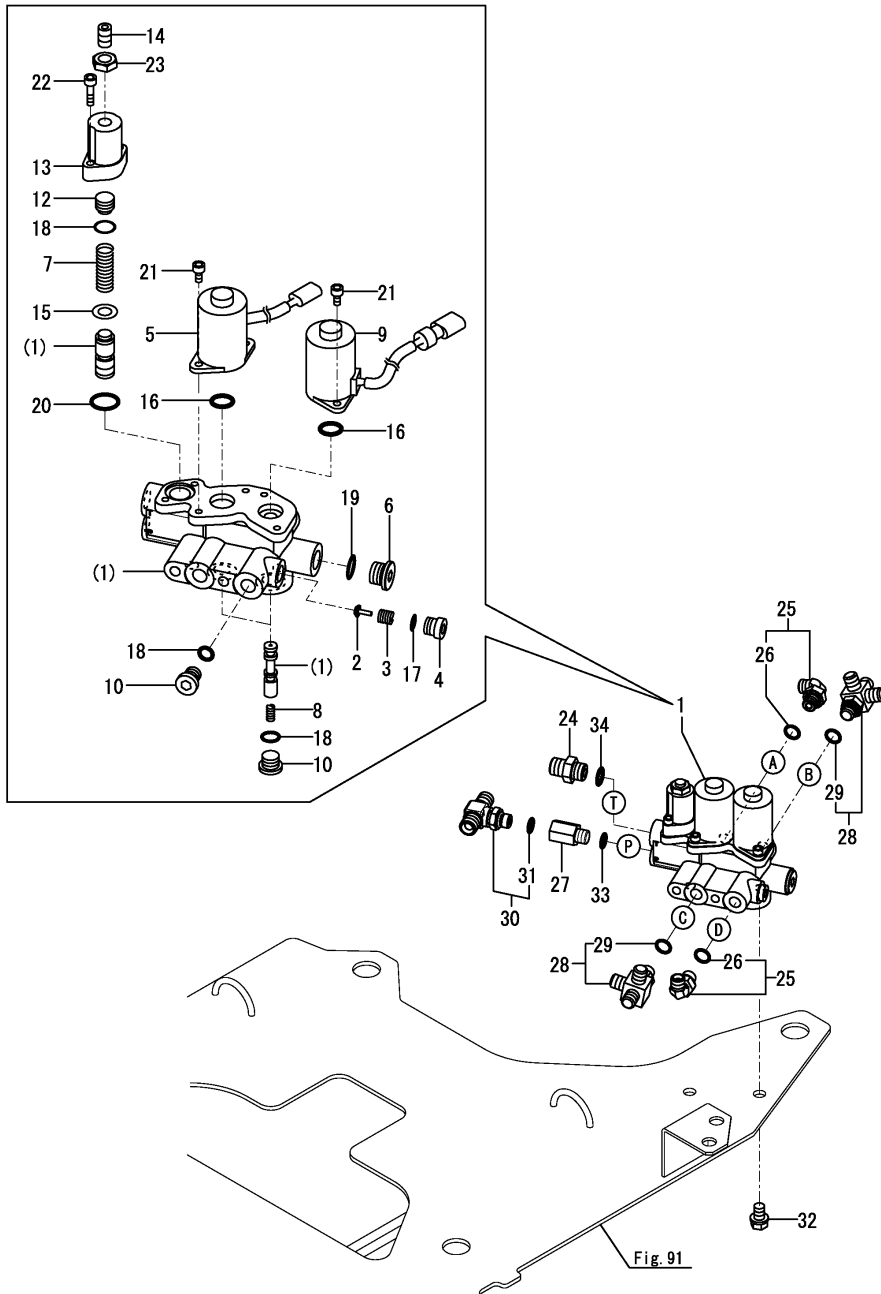
Fig.105. BLADE VALVE

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	1	172A69-74670	VALVE ASSY	1							
3	2	172A69-74680	SPRING	2							
4	2	172A47-74710	COVER	1							
5	2	172A47-74720	PLUG	2							
6	2	172A47-74730	PACKING	2							
7	2	172A47-74740	O-RING	2							
8	2	172A47-74750	ROD, PUSH	2							
9	2	172A47-74760	SHIM	2							
10	2	172A47-74770	PLUG	1							
11	2	172A47-74780	O-RING	1							
12	2	172A47-74790	BOLT	2							
13	2	172A47-74800	SEAT, SPRING	2							
14	2	172A47-74810	WASHER	2							
15	2	172A47-74820	SPRING	2							
16	2	172A47-74840	SHAFT, CAM	1							
17	2	172A47-74850	BUSH	2							
18	2	172A47-74860	CAM	1							
19	2	172A47-74870	BALL, STEEL	2							
20	2	172A47-74880	SCREW, SETTING	1							
21	2	172A47-74890	BELLOWS	1							
22	1	172173-76102	CONNECTOR ASSY	2							
23	2	41851-000110	O-RING	2							
24	1	172123-76121	ADAPTER	1							
25	1	172141-76181	CONNECTOR ASSY, 02FF	1							
27	2	41851-000110	O-RING	1							
28	1	26013-100252	BOLT, M10X 25	2							
29	1	26013-100252	BOLT, M10X 25	2							
30	1	41851-000110	O-RING	1							

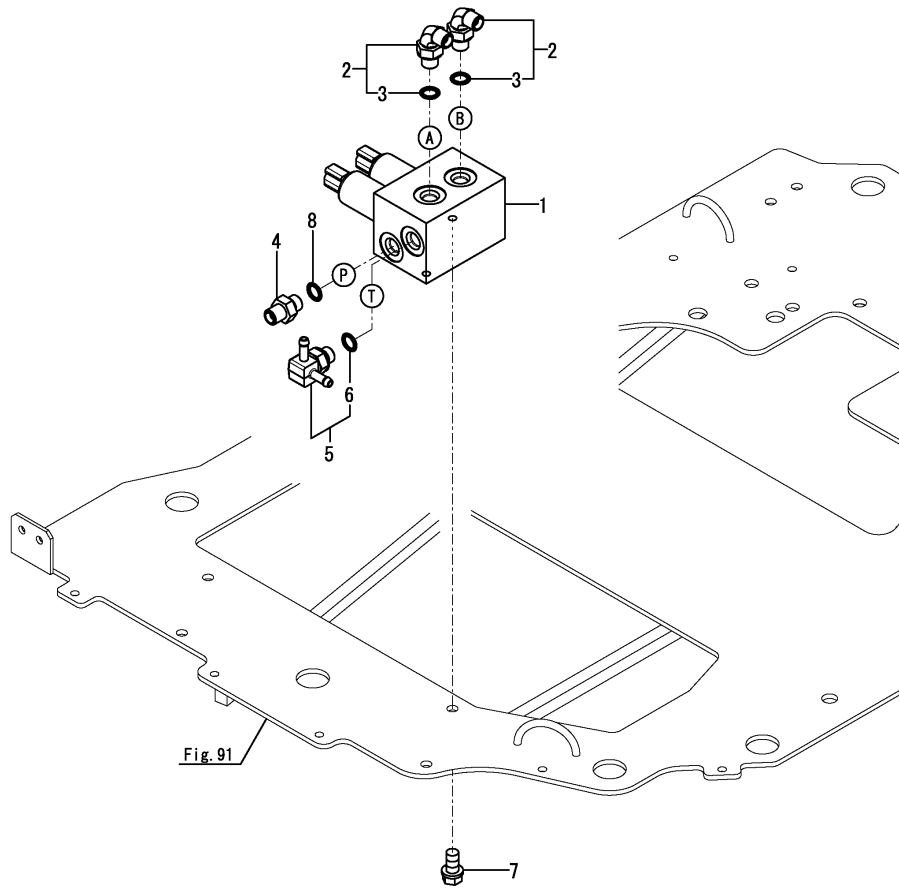


(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	2	172A69-74440	PLUNGER	1							
3	2	172A69-74450	SPRING	1							
4	2	172A69-74460	PLUG	1							
5	2	172A69-74470	VALVE, SOLENOID	1							
6	2	172A69-74520	PLUG, PF1/2	1							
7	2	172A69-74540	SPRING	1							
8	2	172A46-74710	SPRING	2							
9	2	172A46-74720	VALVE, SOLENOID	1							
10	2	172A46-74730	PLUG,G1/4	3							
12	2	172A69-74970	PLUG	1							
13	2	172A69-74980	COVER	1							
14	2	172A69-74990	SCREW, ADJUSTING	1							
15	2	22117-080000	WASHER, 8	1							
16	2	24311-000160	O-RING, 1AP16.0	2							
17	2	24315-000100	O-RING, 1BP10.0	1							
18	2	24315-000110	O-RING, 1BP11.0	4							
19	2	24315-000180	O-RING, 1BP18.0	1							
20	2	24315-000200	O-RING, 1BP20.0	1							
21	2	26450-050122	BOLT, M5X 12	4							
22	2	26450-050202	BOLT, M5X 20	2							
23	2	26736-100002	NUT, M10	1							
24	1	172730-75141	ADAPTER	1							
25	1	172B03-76010	ELBOW	2							
26	2	41851-000110	O-RING	2							
27	1	172422-76140	CONNECTOR	1							
28	1	172491-76140	JOINT	2							
29	2	24315-000110	O-RING, 1BP11.0	2							
30	1	172B11-76150	CONNECTOR, TEE	1							
31	2	41851-000110	O-RING	1							
32	1	26013-100162	BOLT, M10X 16	2							
33	1	41851-000110	O-RING	1							
34	1	41851-000140	O-RING	1							

Fig.107. SOLENOID VALVE(P.T.O.)



(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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							
2	1	172B03-76010	ELBOW	2							
3	2	41851-000110	O-RING	2							
4	1	172123-76121	ADAPTER	1							
5	1	172A79-76140	NIPPLE, G1/4	1							
6	2	41851-000110	O-RING	1							
7	1	26013-080162	BOLT, M8X 16	2							
8	1	41851-000110	O-RING	1							

Fig.108. SOLENOID VALVE(QUICK COUPLER)

(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-71480	STAY, VALVE SOLENOID	1							
2	1	172A69-74550	VALVE ASSY	1							
3	2	172A69-74560	SOLENOID	1							
4	2	172A69-74590	PLUG G1/4	1							
5	2	172A46-74710	SPRING	1							
6	2	24311-000160	O-RING, 1AP16.0	1							
7	2	24315-000110	O-RING, 1BP11.0	1							
8	2	26450-050102	BOLT, M5X 10	2							
9	1	172173-76102	CONNECTOR ASSY	2							
10	2	41851-000110	O-RING	2							
11	1	172123-76121	ADAPTER	1							
12	1	172422-76140	CONNECTOR	1							
13	1	172458-76150	NIPPLE, ELBOW	1							
14	2	24315-000110	O-RING, 1BP11.0	1							
15	1	26013-080902	BOLT, M8X 90	2							
16	1	26013-100162	BOLT, M10X 16	2							
17	1	41851-000110	O-RING	2							

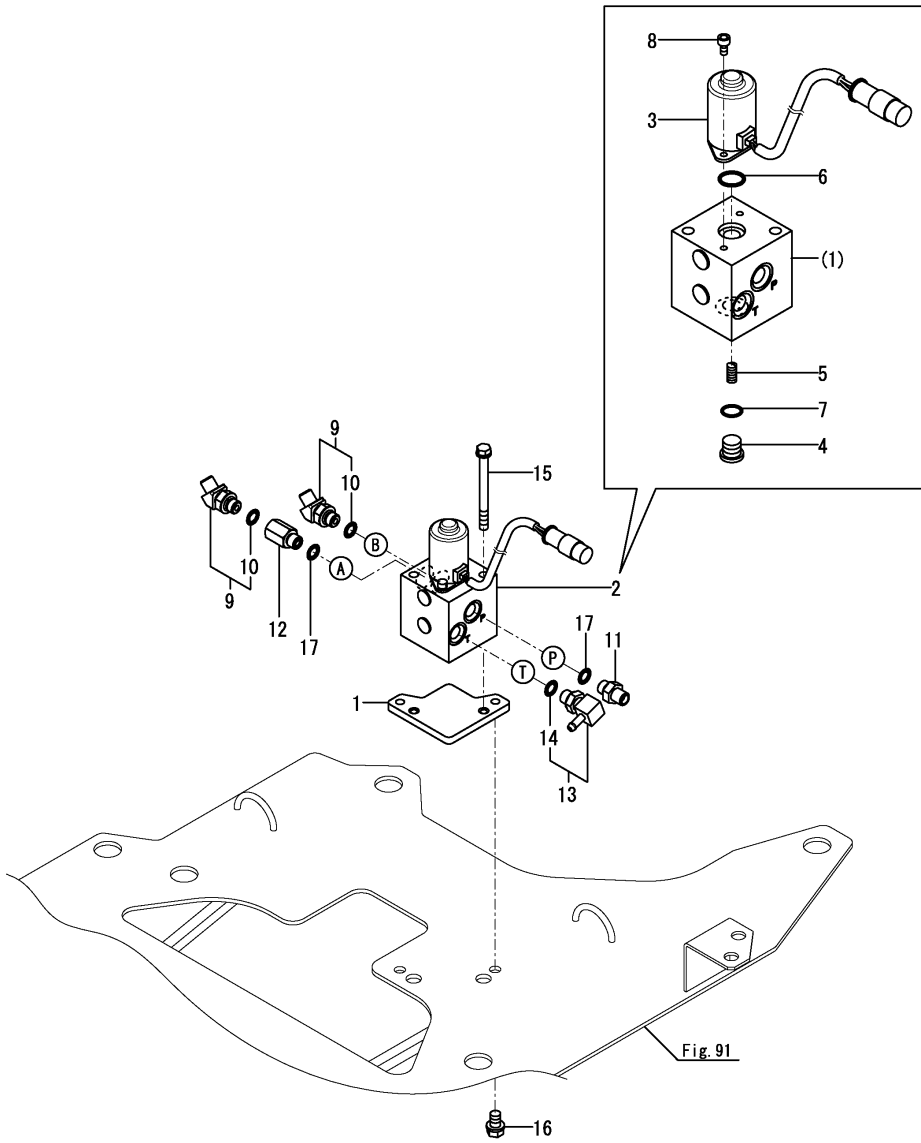
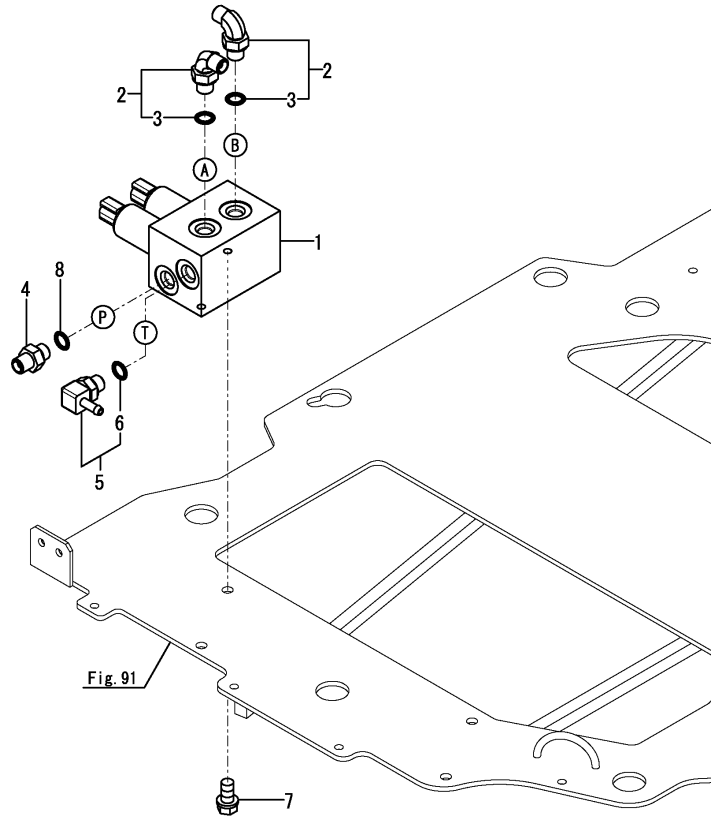


Fig.109. SOLENOID VALVE(P.T.O. 2)

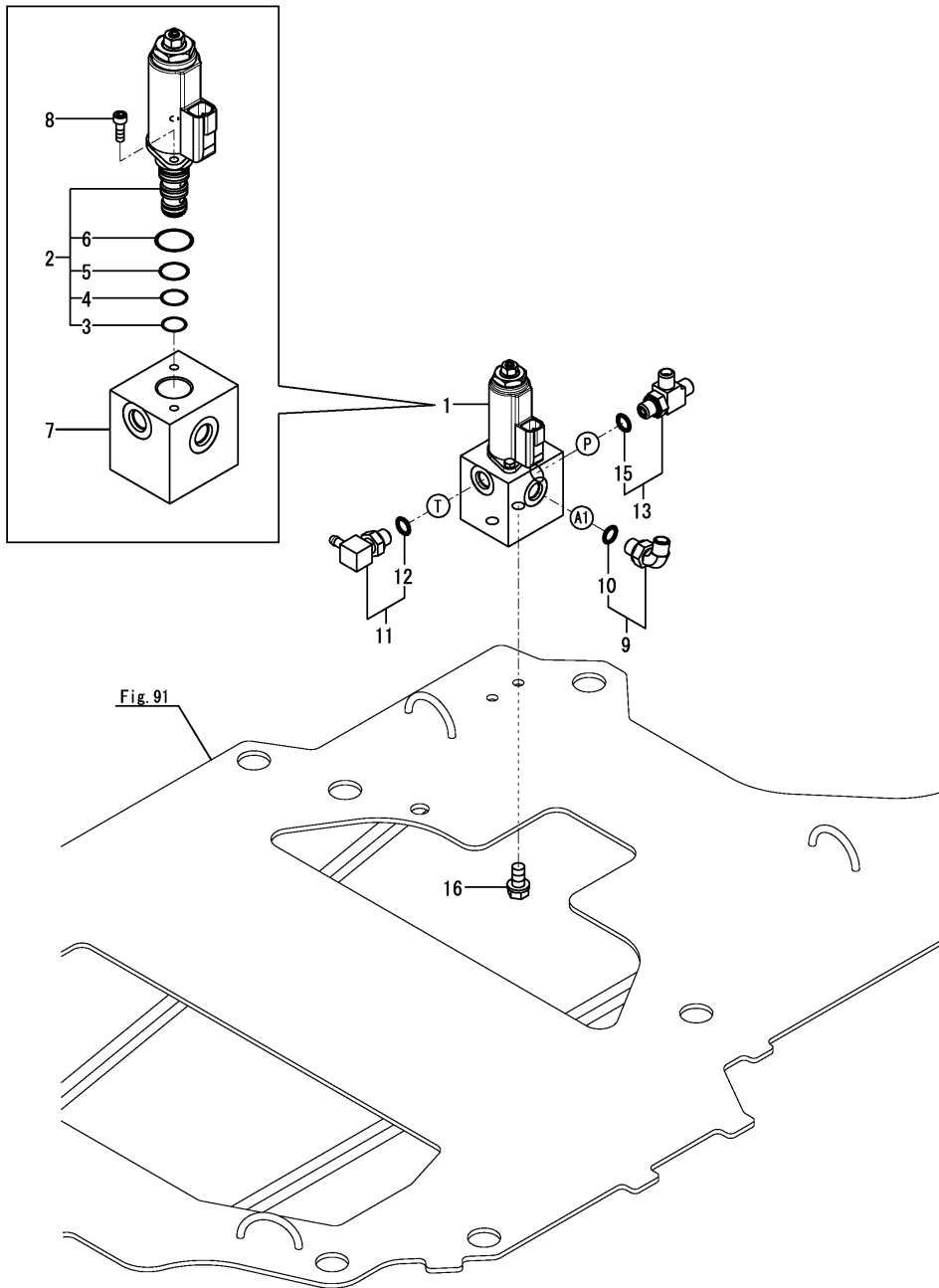


(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
2	1	172B03-76010	ELBOW	2							
3	2	41851-000110	O-RING	2							
4	1	172123-76121	ADAPTER	1							
5	1	172458-76150	NIPPLE, ELBOW	1							
6	2	24315-000110	O-RING, 1BP11.0	1							
7	1	26013-080162	BOLT, M8X 16	2							
8	1	41851-000110	O-RING	1							

Fig.110. SOLENOID VALVE(E.S.S.)

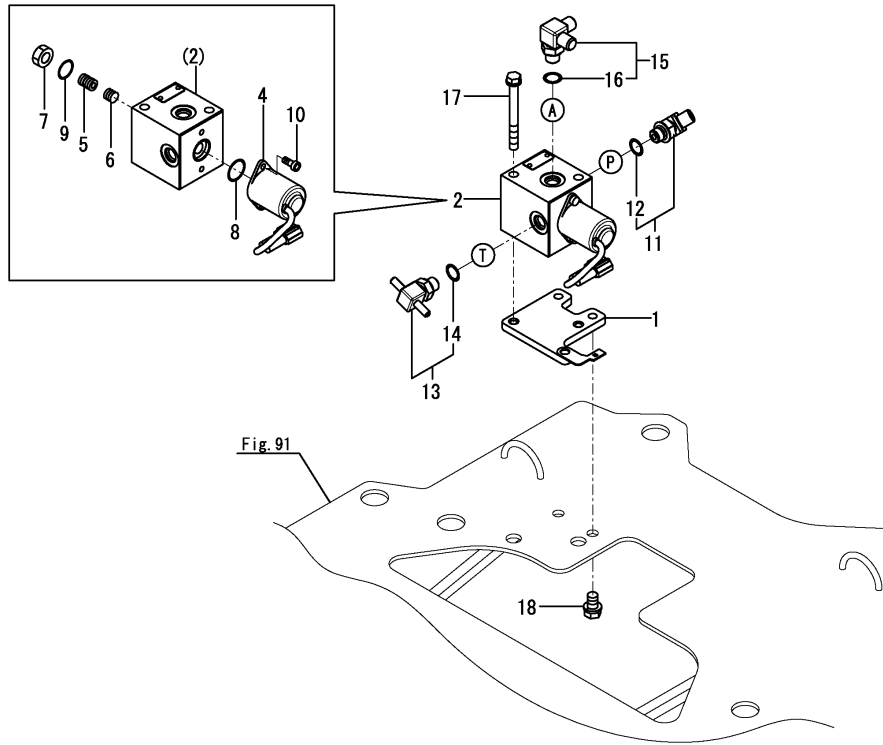


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74710	VALVE ASSY,P	1							
2	2	172B03-74740	CARTRIDGE ASSY,P0.7A	1							
3	3	172B03-74860	O-RING, 1B AS 013	1							
4	3	172B03-74870	O-RING, 1B AS 014	1							
5	3	172B03-74880	O-RING, 1B AS 015	1							
6	3	24315-000200	O-RING, 1BP20.0	1							
7	2	172B03-74760	BLOCK, 1	1							
8	2	26450-050122	BOLT, M5X 12	2							
9	1	172B03-76010	ELBOW	1							
10	2	41851-000110	O-RING	1							
11	1	172458-76150	NIPPLE, ELBOW	1							
12	2	24315-000110	O-RING, 1BP11.0	1							
13	1	172162-76181	JOINT ASSY	1							
15	2	41851-000110	O-RING	1							
16	1	26013-080162	BOLT, M8X 16	2							

Fig.111. SOLENOID VALVE(HEIGHT LIMIT & QUICK COUPLER)



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-71430	STAY ASSY, VALVE SOL	1							
2	1	172B36-74400	VALVE ASSY, SOLENOID	1							
4	2	172A81-74410	SOLENOID	1							
5	2	172A81-74420	SCREW	1							
6	2	172A81-74430	SPRING ASSY	1							
7	2	172A81-74440	NUT, LOCK	1							
8	2	172A81-74450	O-RING	1							
9	2	24315-000100	O-RING, 1BP10.0	1							
10	2	26450-050122	BOLT, M5X 12	2							
11	1	172173-76102	CONNECTOR ASSY	1							
12	2	41851-000110	O-RING	1							
13	1	172A47-76230	NIPPLE, TEE	1							
14	2	41851-000110	O-RING	1							
15	1	172491-76330	ELBOW, ADJUSTABLE	1							
16	2	24315-000110	O-RING, 1BP11.0	1							
17	1	26013-080802	BOLT, M8X 80	2							
18	1	26013-100162	BOLT, M10X 16	2							

Fig.112. REMOTE CONTROL VALVE(OPERATION)

(A)=VIO82 C(AS)

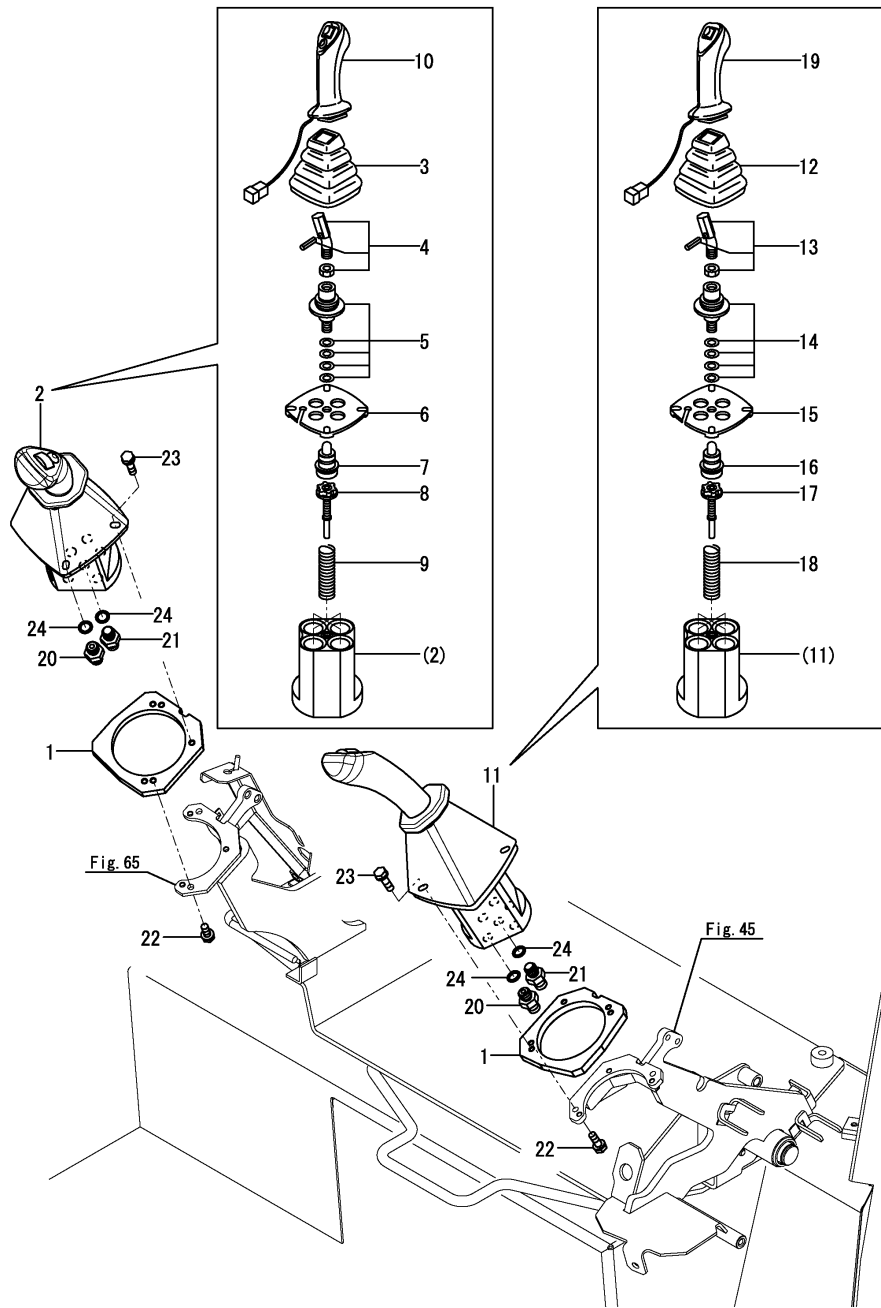
(B)=

(C)=

(D)=

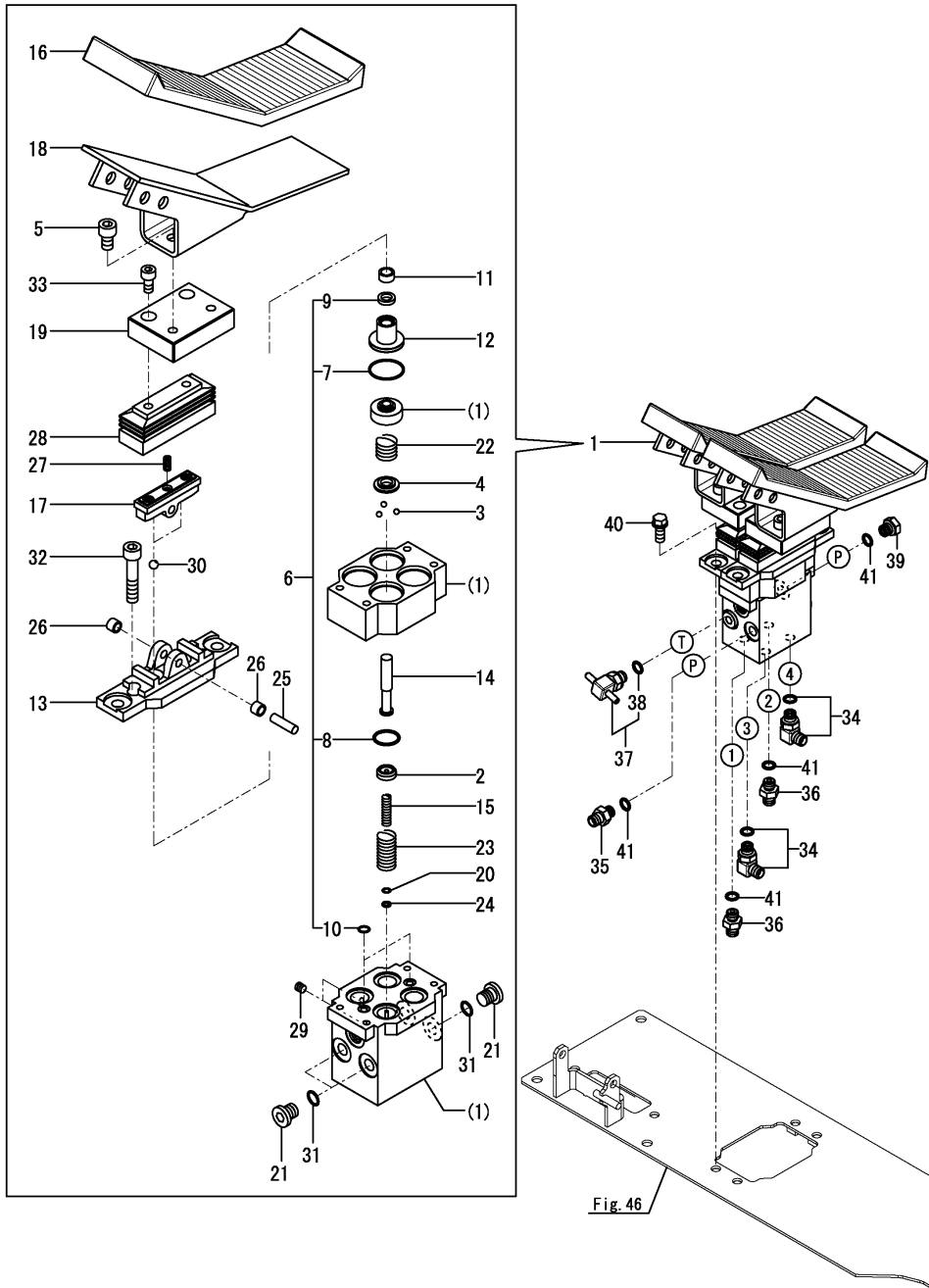
(E)=

(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A78-64510	SPACER, VALVE	2							
2	1	172B11-74851	VALVE ASSY,R	1							
3	2	172441-74030	BOOT	1							
4	2	172441-74040	LEVER KIT	1							
5	2	172463-74530	CARDAN KIT	1							
6	2	172463-74540	PLATE, RETAINING	1							
7	2	172463-74551	PLUNGER KIT	1							
8	2	172463-74561	REGULATION KIT	4							
9	2	172463-74570	SPRING KIT	1							
10	2	172B11-74861	HANDLE ASSY	1							
11	1	172B11-74901	VALVE ASSY,L	1							
12	2	172441-74030	BOOT	1							
13	2	172441-74040	LEVER KIT	1							
14	2	172463-74530	CARDAN KIT	1							
15	2	172463-74540	PLATE, RETAINING	1							
16	2	172463-74551	PLUNGER KIT	1							
17	2	172463-74561	REGULATION KIT	4							
18	2	172463-74570	SPRING KIT	1							
19	2	172B11-74911	HANDLE ASSY	1							
20	1	172123-76121	ADAPTER	10							
21	1	172455-76220	CONNECTOR	2							
22	1	26014-060162	BOLT, M6X 16	4							
23	1	26014-060162	BOLT, M6X 16	6							
24	1	41851-000110	O-RING	12							

Fig.113. REMOTE CONTROL VALVE(TRAVEL)



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

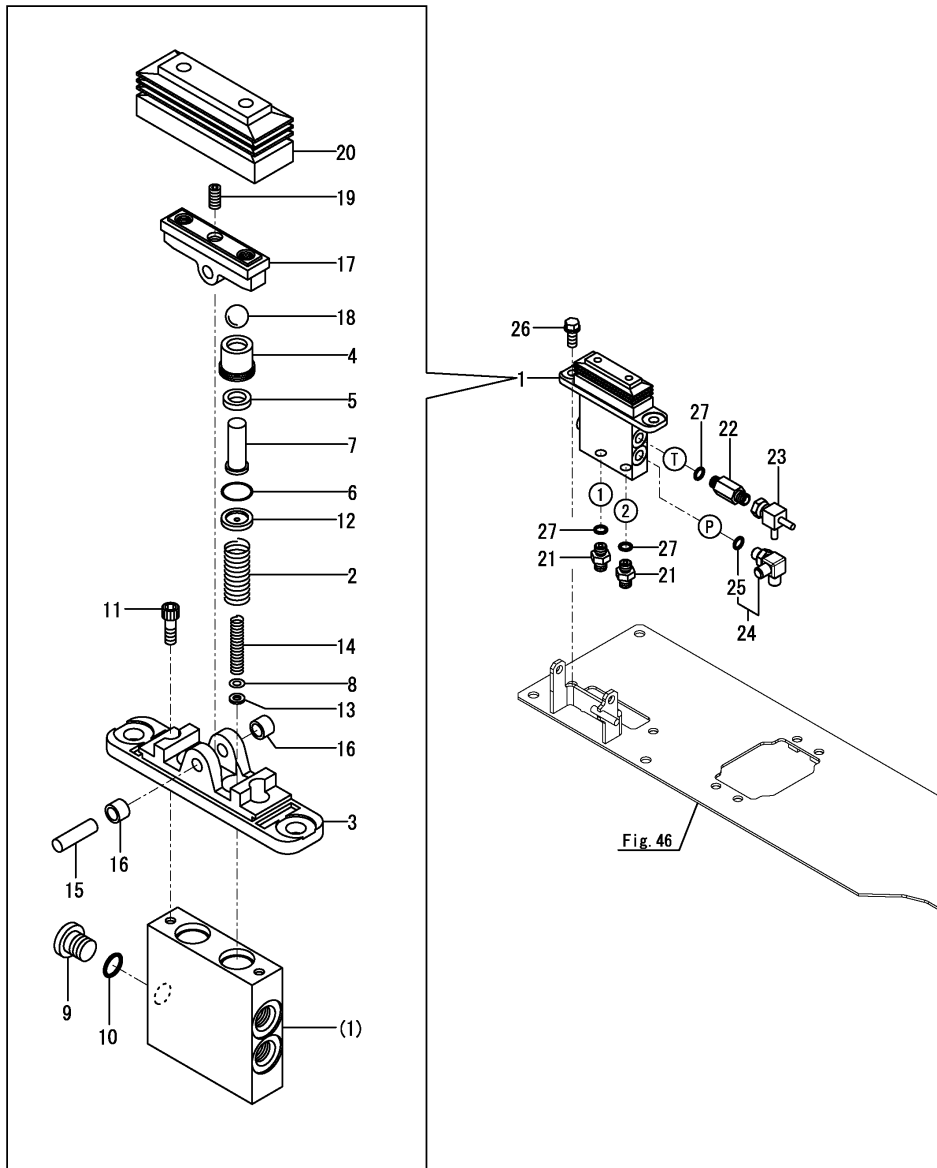
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-74700	VALVE ASSY, TRAVEL	1							
2	2	172A69-71300	SEAT, SPRING	4							
3	2	172A69-71310	BALL, STEEL	12							
4	2	172A69-71320	SEAT, SPRING	4							
5	2	172A69-71340	BOLT 10X16	4							
6	2	172A69-71350	SEAL SET	1							
7	3	172A69-71360	O-RING	4							
8	3	172A69-71370	O-RING	4							
9	3	172A47-74730	PACKING	4							
10	3	24315-000080	O-RING, 1BP8.0	2							
11	2	172A69-71380	CUP, GREASE	4							
12	2	172A69-71390	PLUG	4							
13	2	172A69-71400	COVER	2							
14	2	172A89-74710	ROD, PUSH	4							
15	2	172A89-74720	SPRING	4							
16	2	172A69-74730	COVER, PEDAL	2							
17	2	172A89-74730	CAM	2							
18	2	172A69-74740	PEDAL	2							
19	2	172A69-74750	BLOCK	2							
20	2	172A47-74760	SHIM	4							
21	2	172A47-74770	PLUG	3							
22	2	172A69-74770	SPRING	4							
23	2	172A69-74780	SPRING	4							
24	2	172A47-74810	WASHER	4							
25	2	172A47-74840	SHAFT, CAM	2							
26	2	172A47-74850	BUSH	4							
27	2	172A47-74880	SCREW, SETTING	2							
28	2	172A47-74890	BELLOWS	2							
29	2	172455-77150	PLUG	2							
30	2	24190-100001	BALL, STEEL 5/16	4							
31	2	24315-000110	O-RING, 1BP11.0	3							
32	2	26450-060502	BOLT M 6X 50	4							
33	2	26450-080162	BOLT, M8X 16	4							
34	1	172A50-76110	ELBOW	2							
35	1	172123-76121	ADAPTER	1							
36	1	172A47-76171	CONNECTOR, G1/4X0.6	2							
37	1	172A47-76230	NIPPLE, TEE	1							
38	2	41851-000110	O-RING	1							
39	1	172165-76590	PLUG	1							
40	1	26013-100252	BOLT, M10X 25	4							
41	1	41851-000110	O-RING	4							

Fig.114. REMOTE CONTROL VALVE(SWING)

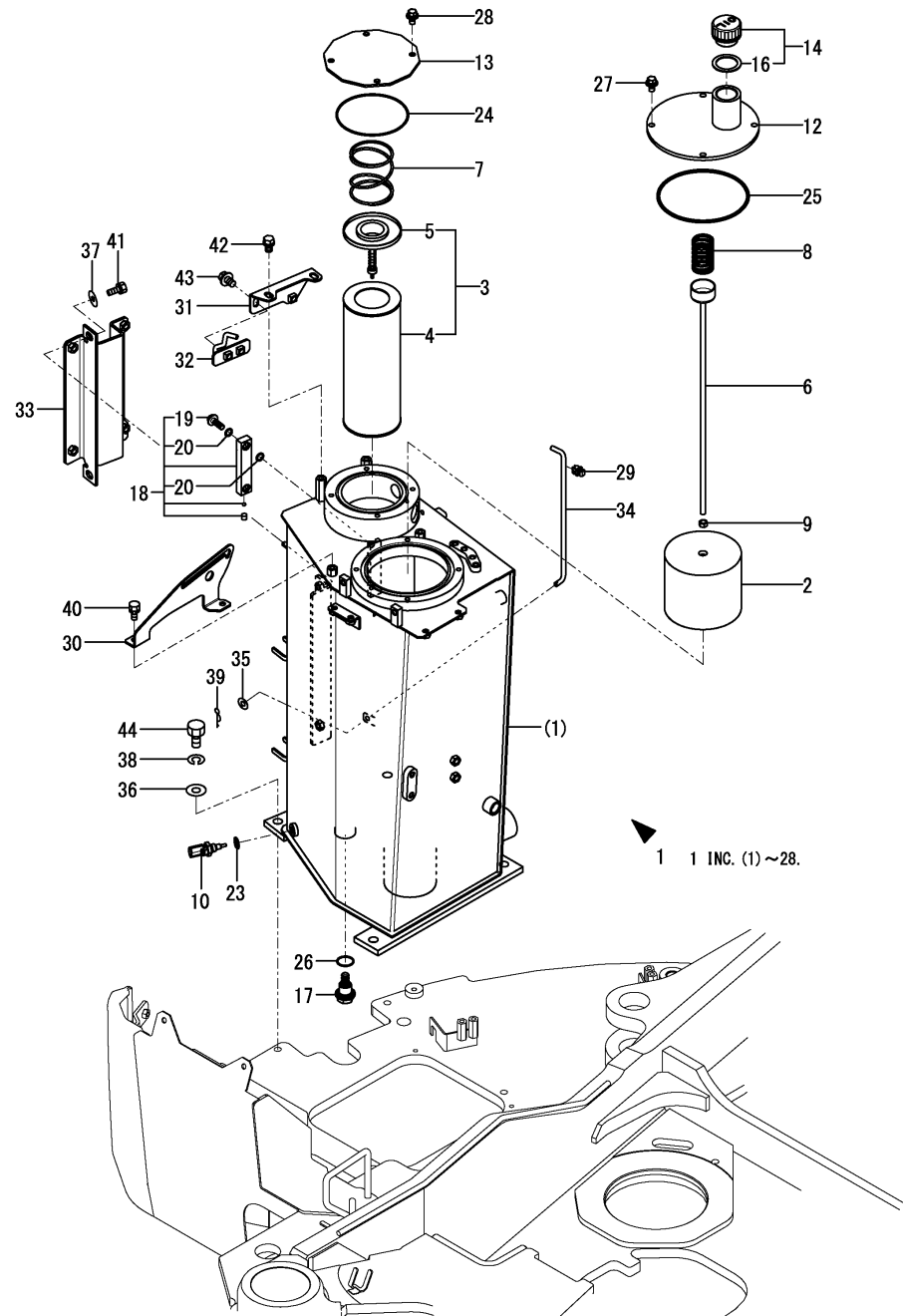
(A)=VIO82 C(AS)
(B)=
(C)=

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



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

Fig.115. HYD. OIL TANK

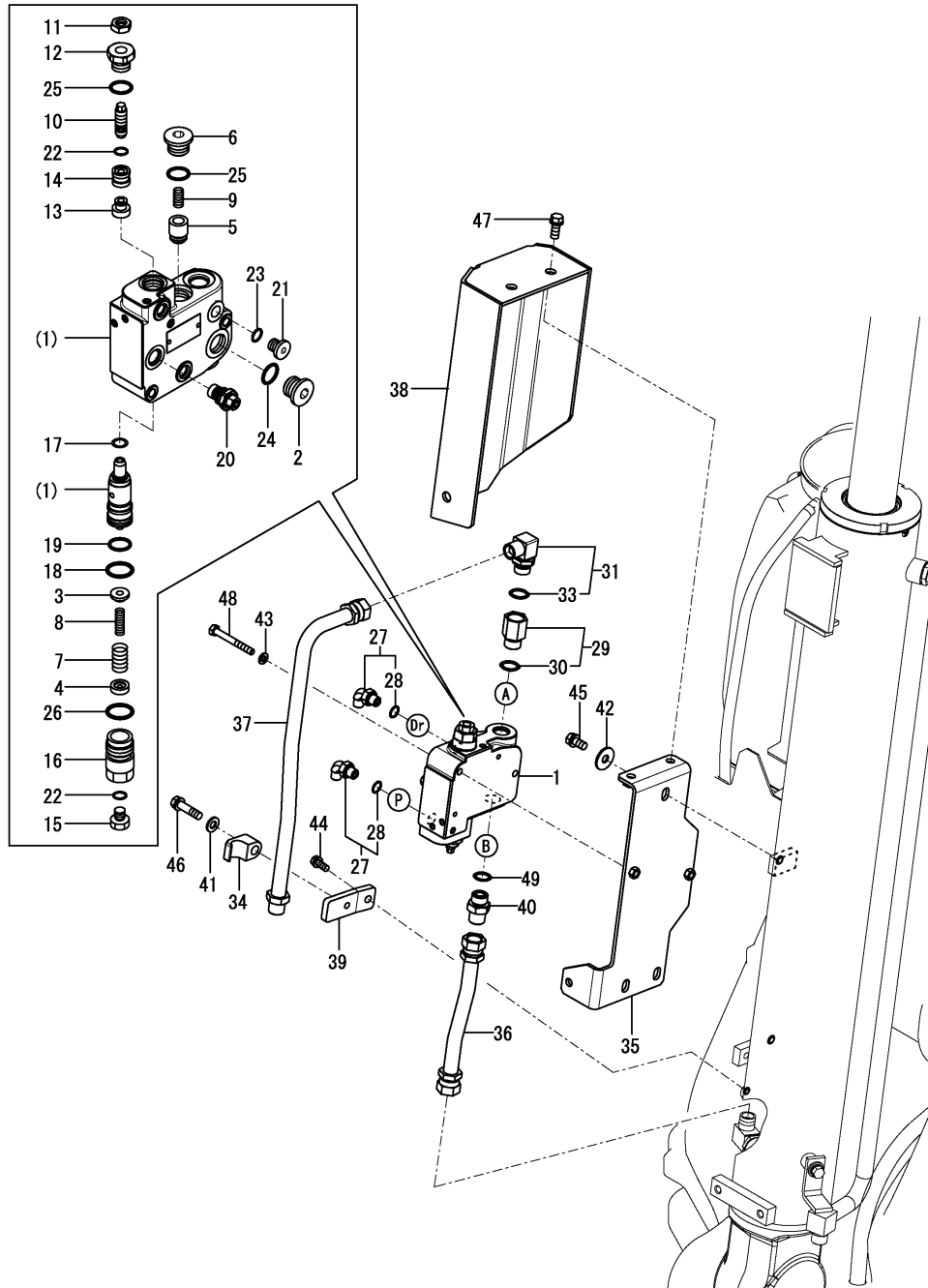


(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772B36-75100	RESERVOIR SET	1							
2	2	172162-73700	STRAINER, SUCTION	1							
3	2	172B11-73700	FILTER ASSY, RETURN								
4	3	172B11-73710	ELEMENT,RETURN	1							
5	3	172112-74971	VALVE, BY-PASS	1							
6	2	172A69-75710	ROD ASSY, FILTER	1							
7	2	172112-75770	SPRING, FILTER	1							
8	2	172112-75780	SPRING, FILTER	1							
9	2	26716-100002	NUT, M10	1							
10	2	129927-44900	SENSOR, WATER TEMP.	1							
12	2	172A69-75240	COVER ASSY	1							
13	2	172187-75340-2	COVER, TANK	1							
14	2	172A69-75450	CAP, RESERVER	1							
16	3	172A69-75470	PACKING	1							
17	2	172187-75500	PLUG	1							
18	2	172A69-75600	GAUGE, OIL LEVEL	1							
19	3	172455-75290	BOLT	2							
20	3	172455-75300	O-RING	4							
23	2	22190-120002	WASHER, SEAL 12	1							
24	2	24321-001350	O-RING, 1AG135.0	1							
25	2	24321-001700	O-RING, 1AG170.0	1							
26	2	24341-000300	O-RING, 1AS30.0	1							
27	2	26014-100202	BOLT, M10X 20	4							
28	2	26014-100202	BOLT, M10X 20	4							
29	1	1A7400-61250	HOLDER, ROD 8	1							
30	1	172A89-62550	GUIDE, STOPPER	1							
31	1	172B11-62570	STAY ASSY	1							
32	1	172A89-62610	CATCH ASSY, LOCK	1							
33	1	172B11-65720	HINGE ASSY	1							
34	1	172B11-65780	HOOK,BONNET R	1							
35	1	22137-080000	WASHER, 8	1							
36	1	22137-160000	WASHER, 16	4							
37	1	22157-100000	WASHER, 10	2							
38	1	22217-160000	WASHER, SPRING 16	4							
39	1	22372-080000	PIN, SNAP 8	1							
40	1	26013-100162	BOLT, M10X 16	2							
41	1	26013-100252	BOLT, M10X 25	2							
42	1	26014-100162	BOLT, M10X 16	2							
43	1	26014-100202	BOLT, M10X 20	2							
44	1	26116-160352	BOLT, M16X 35 PLATED	4							

Fig.116. SAFETY VALVE(BOOM)



(A)=VIO82 C(AS)

(B)=

(C)=

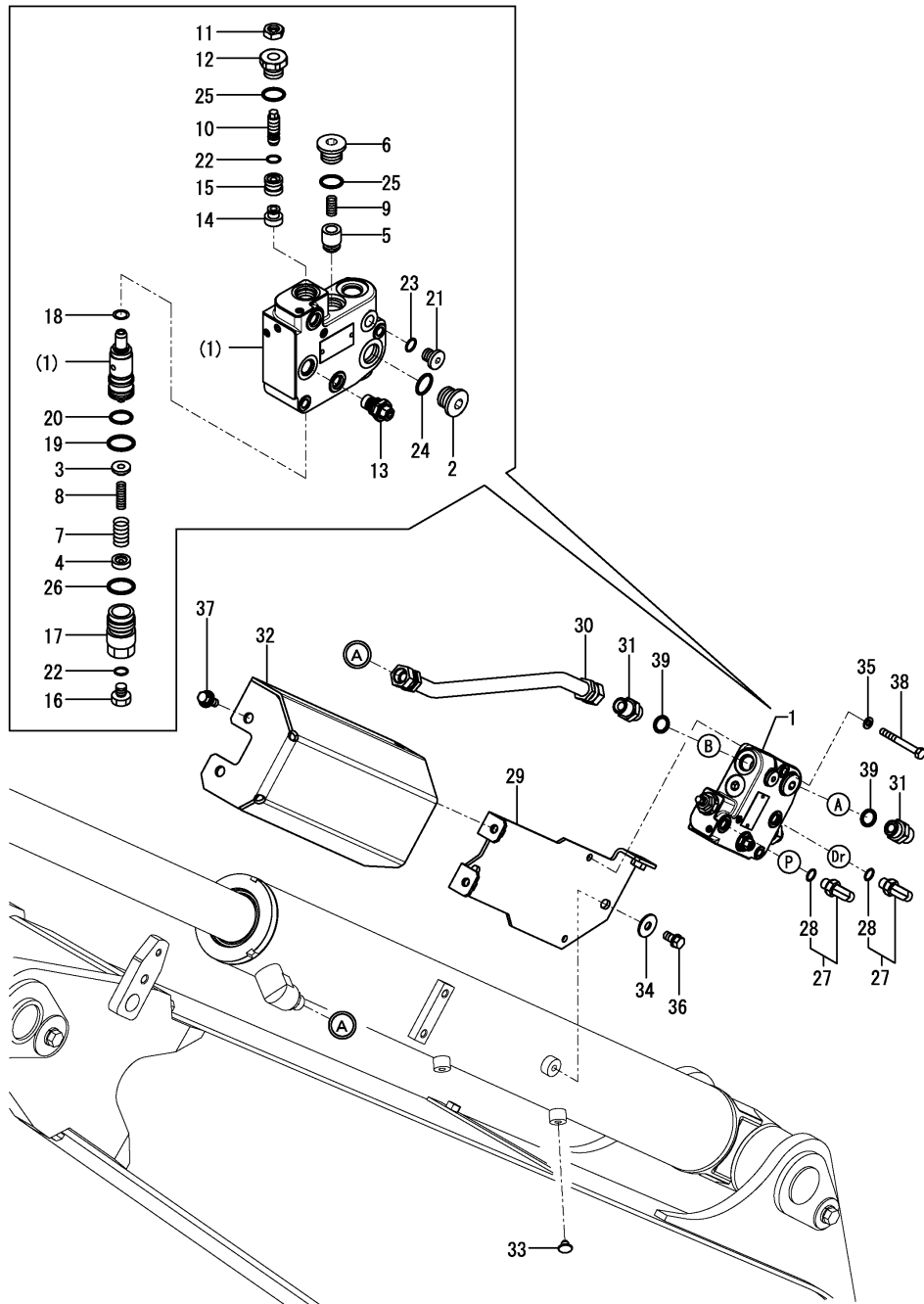
(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74560	VALVE ASSY, SAFETY B	1							
2	2	172B11-70190	PLUG, G1/2	1							
3	2	172B36-74430	SEAT, SPRING	1							
4	2	172B36-74440	SEAT, SPRING	1							
5	2	172B36-74450	VALVE, POPPET	1							
6	2	172A25-74460	PLUG	1							
7	2	172B36-74460	SPRING	1							
8	2	172B36-74470	SPRING	1							
9	2	172B36-74480	SPRING	1							
10	2	172B36-74490	VALVE, NEEDLE	1							
11	2	172B36-74500	NUT, HEXAGON	1							
12	2	172B36-74510	PLUG	1							
13	2	172B36-74530	PISTON	1							
14	2	172B36-74540	PISTON	1							
15	2	172B36-74550	ADJUSTER KIT	1							
16	2	172B36-74580	PLUG	1							
17	2	172B36-74590	SEAL	1							
18	2	172B36-74600	O-RING	1							
19	2	172B36-74610	O-RING	1							
20	2	172B36-74620	VALVE,RELIEF	1							
21	2	172455-77140	PLUG	1							
22	2	24315-000100	O-RING, 1BP10.0	2							
23	2	24315-000110	O-RING, 1BP11.0	1							
24	2	24315-000180	O-RING, 1BP18.0	1							
25	2	24315-000200	O-RING, 1BP20.0	2							
26	2	24315-000250	O-RING, 1BP25.0	1							
27	1	172B03-76010	ELBOW	2							
28	2	41851-000110	O-RING	2							
29	1	172531-76150	ADAPTER, G1/2-1/2	1							
30	2	24315-000180	O-RING, 1BP18.0	1							
31	1	172141-76900	CONNECTOR ASSY	1							
33	2	24315-000180	O-RING, 1BP18.0	1							
34	1	172142-76951-N	CLAMP, 1/2	1							
35	1	172B36-77100	BRACKET ASSY, HDV BM	1							
36	1	172B36-77150	TUBE ASSY, BOOM H B	1							
37	1	172B36-77180	TUBE ASSY, BOOM H A	1							
38	1	172B36-77200	COVER, HDV BM	1							
39	1	172A69-77240	PLATE,CLAMP H	1							
40	1	172112-77361	CONNECTOR	1							
41	1	22137-100000	WASHER, 10	1							
42	1	22157-100000	WASHER, 10	3							
43	1	22217-080000	WASHER, SPRING 8	2							
44	1	26013-080202	BOLT, M8X 20	1							
45	1	26013-100202	BOLT, M10X 20	3							
46	1	26013-100402	BOLT, M10X 40	1							
47	1	26014-100252	BOLT, M10X 25	3							
48	1	26076-080702	BOLT, 10.98X 70	2							
49	1	41851-000180	O-RING	1							

Fig.117. SAFETY VALVE(ARM)



(A)=VIO82 C(AS)
(B)=
(C)=

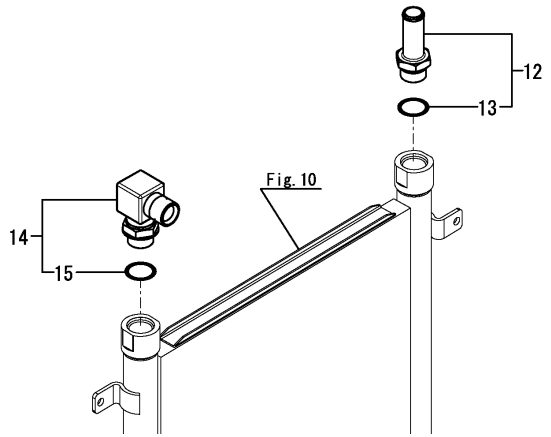
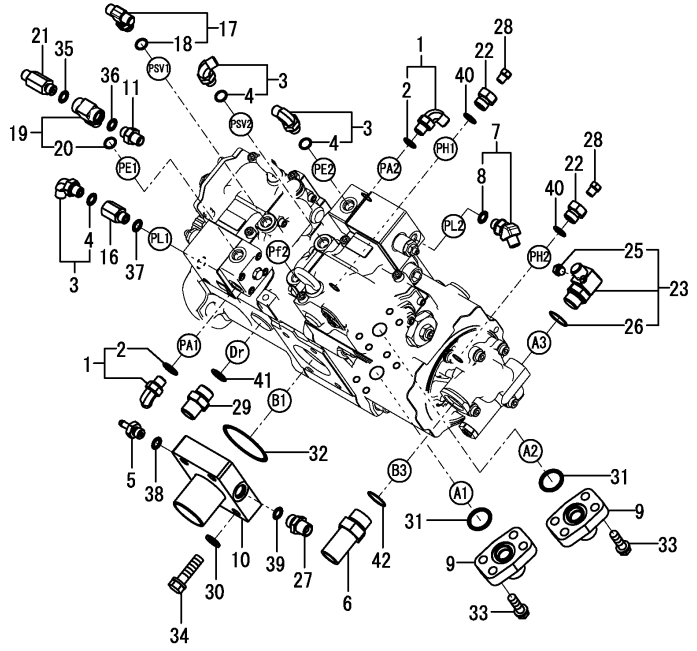
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74570	VALVE ASSY, SAFETY A	1							
2	2	172B11-70190	PLUG, G1/2	1							
3	2	172B36-74430	SEAT, SPRING	1							
4	2	172B36-74440	SEAT, SPRING	1							
5	2	172B36-74450	VALVE, POPPET	1							
6	2	172A25-74460	PLUG	1							
7	2	172B36-74460	SPRING	1							
8	2	172B36-74470	SPRING	1							
9	2	172B36-74480	SPRING	1							
10	2	172B36-74490	VALVE, NEEDLE	1							
11	2	172B36-74500	NUT, HEXAGON	1							
12	2	172B36-74510	PLUG	1							
13	2	172B36-74520	VALVE,RELIEF	1							
14	2	172B36-74530	PISTON	1							
15	2	172B36-74540	PISTON	1							
16	2	172B36-74550	ADJUSTER KIT	1							
17	2	172B36-74580	PLUG	1							
18	2	172B36-74590	SEAL	1							
19	2	172B36-74600	O-RING	1							
20	2	172B36-74610	O-RING	1							
21	2	172455-77140	PLUG	1							
22	2	24315-000100	O-RING, 1BP10.0	2							
23	2	24315-000110	O-RING, 1BP11.0	1							
24	2	24315-000180	O-RING, 1BP18.0	1							
25	2	24315-000200	O-RING, 1BP20.0	2							
26	2	24315-000250	O-RING, 1BP25.0	1							
27	1	172B03-76010	ELBOW	2							
28	2	41851-000110	O-RING	2							
29	1	172B36-77300	BRACKET ASSY, HDV AM	1							
30	1	172B36-77350	TUBE ASSY, ARM HDV	1							
31	1	172112-77361	CONNECTOR	2							
32	1	172B36-77400	COVER, HDV AM	1							
33	1	172183-81160	CLIP, TREE	2							
34	1	22157-100000	WASHER, 10	3							
35	1	22217-080000	WASHER, SPRING 8	2							
36	1	26013-100202	BOLT, M10X 20	3							
37	1	26014-100252	BOLT, M10X 25	3							
38	1	26076-080702	BOLT, 10.98X 70	2							
39	1	41851-000180	O-RING	2							

Fig.118. PUMP & OIL COOLER(FITTING)

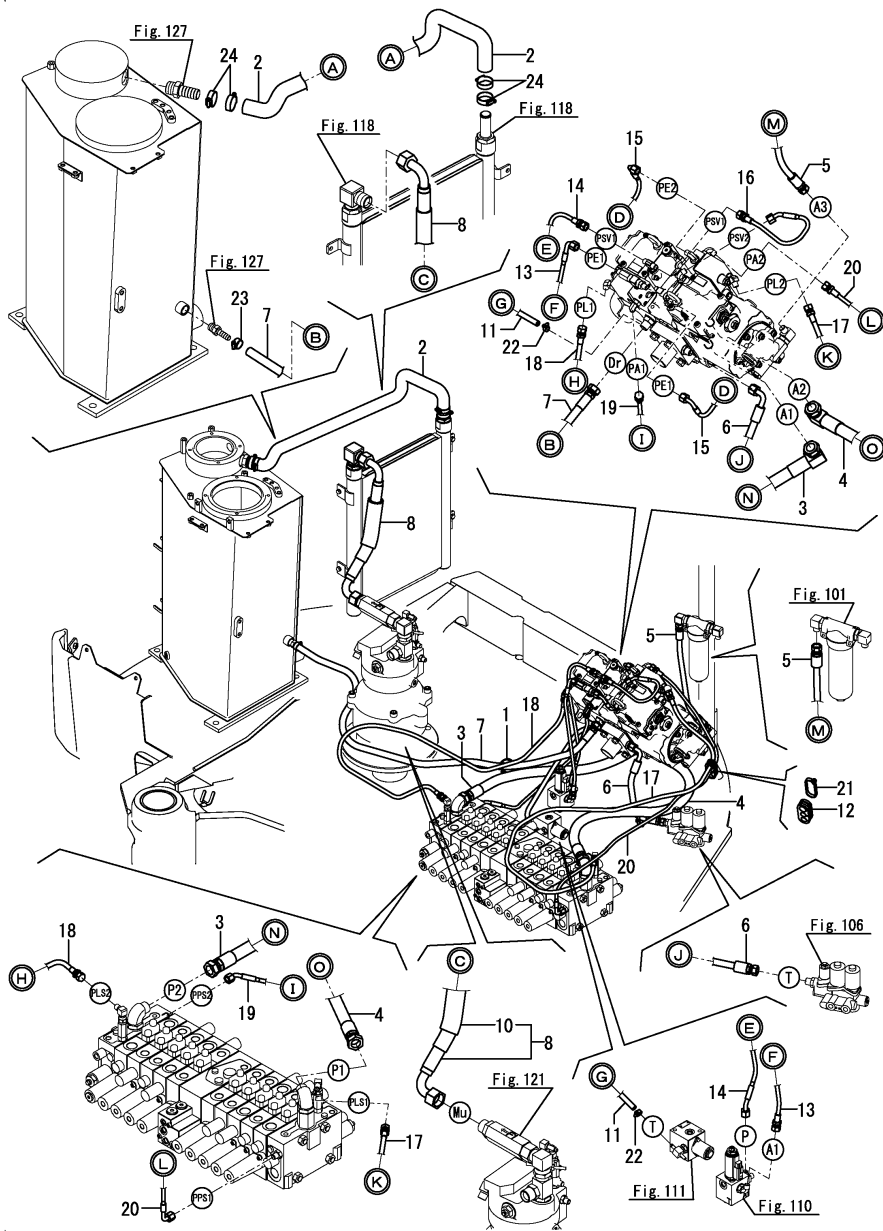
(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	2							
2	2	41851-000110	O-RING	2							
3	1	172B03-76010	ELBOW	3							
4	2	41851-000110	O-RING	3							
5	1	172B03-76080	NIPPLE, G1/4	1							
6	1	172142-76100	CONNECTOR, PF3/4	1							
7	1	172173-76102	CONNECTOR ASSY	1							
8	2	41851-000110	O-RING	1							
9	1	172649-76110	NIPPLE, FLANGE	2							
10	1	172B12-76110	FLANGE ASSY	1							
11	1	172123-76121	ADAPTER	1							
12	1	172A69-76120	NIPPLE	1							
13	2	172A65-76790	O-RING	1							
14	1	172A89-76130	ELBOW	1							
15	2	24315-000290	O-RING, 1BP29.0	1							
16	1	172422-76140	CONNECTOR	1							
17	1	172187-76170	TEE, ADJUSTABLE	1							
18	2	24315-000110	O-RING, 1BP11.0	1							
19	1	172B36-76180	TEE, G1/4	1							
20	2	24315-000110	O-RING, 1BP11.0	1							
21	1	172183-76200	CONNECTOR	1							
22	1	172B36-76280	ADAPTER, G3/8-RC1/8	2							
23	1	172A23-76301	ELBOW ASSY	1							
25	2	172460-76570	PLUG, SCREW	1							
26	2	41851-000180	O-RING	1							
27	1	172186-76410	ADAPTER	1							
28	1	172460-76570	PLUG, SCREW	2							
29	1	172112-77361	CONNECTOR	1							
30	1	22117-120000	WASHER, 12	4							
31	1	24311-000260	O-RING, 1AP26.0	2							
32	1	24325-000650	O-RING, 1BG65.0	1							
33	1	26013-100352	BOLT, M10X 35	8							
34	1	26013-120452	BOLT, M12X 45	4							
35	1	41851-000110	O-RING	1							
36	1	41851-000110	O-RING	1							
37	1	41851-000110	O-RING	1							
38	1	41851-000110	O-RING	1							
39	1	41851-000140	O-RING	1							
40	1	41851-000140	O-RING	2							
41	1	41851-000180	O-RING	1							
42	1	41851-000240	O-RING	1							

Fig.119. PUMP - CONTROL VALVE - OIL COOLER



(A)=VIO82 C(AS)
(B)=
(C)=

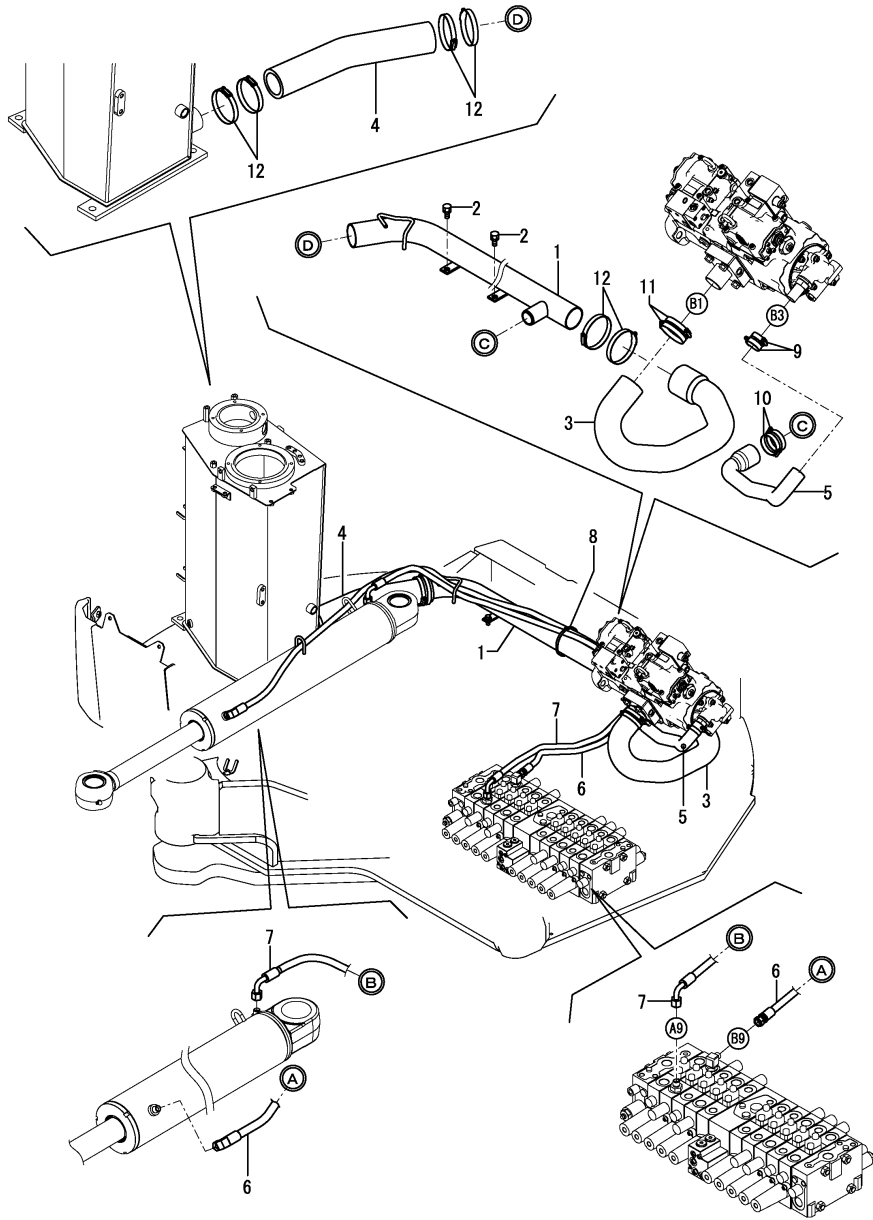
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	172B11-78130	HOSE,25.4	1							
3	1	172B36-78160	HOSE, H112BV079R	1							
4	1	172B36-78170	HOSE, H112BV097R	1							
5	1	172B36-78180	HOSE, H606BB042S	1							
6	1	172B36-78200	HOSE, G606BC032S	1							
7	1	172B36-78210	HOSE, G608BY135S	1							
8	1	172B36-78240	HOSE, G616CC040	1							
10	2	172B36-78261	INSULATOR, HOSE	1							
11	1	172B36-78960	HOSE, G804YY053S	1							
12	1	172B36-79050	RUBBER, CLAMP	1							
13	1	172B03-79230	HOSE, F403BC041S	1							
14	1	172B36-79530	HOSE, F403BE052S	1							
15	1	172B36-79550	HOSE, F403CC025	1							
16	1	172B36-79560	HOSE, H603BE033	1							
17	1	172B36-79570	HOSE, H106BB160S	1							
18	1	172B36-79570	HOSE, H106BB160S	1							
19	1	172B36-79590	HOSE, H104BE080S	1							
20	1	172B36-79600	HOSE, H104BC130S	1							
21	1	172122-79930	CLAMP, HOSE	1							
22	1	23000-013000	CLAMP, 13	2							
23	1	23001-022000	CLAMP, HOSE 22	1							
24	1	23001-041000	CLAMP, HOSE 41	4							

Remarks

- * Fitting(hydraulic pump) is shown in Fig.118.
- * Fitting(control valve) is shown in Fig.123 & 124.

Fig.120. TANK - PUMP & SWING CYLINDER



(A)=VIO82 C(AS)
 (B)=
 (C)=

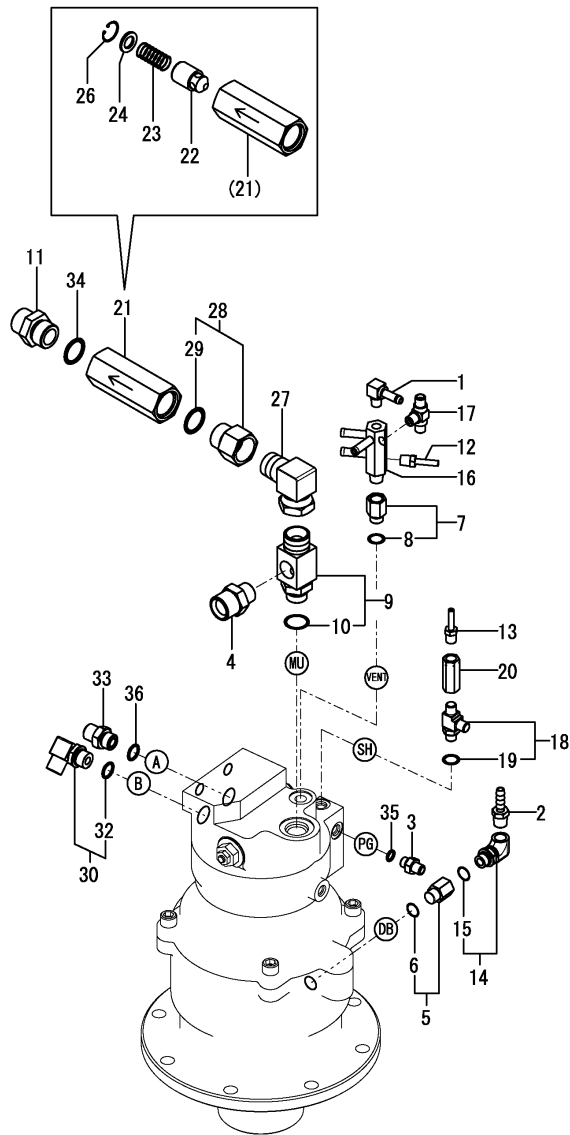
(D)=
 (E)=
 (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-76470	TUBE ASSY, SUCTION	1							
2	1	26014-100252	BOLT, M10X 25	2							
3	1	172B36-78100	HOSE, 59 A	1							
4	1	172A69-78110	HOSE	1							
5	1	172B36-78150	HOSE, 25.4X39.5	1							
6	1	172B36-78380	HOSE, H106BV275S	1							
7	1	172B36-78390	HOSE, H106CC214S	1							
8	1	172A69-79890	CLIP, HOSE	1							
9	1	23001-041000	CLAMP, HOSE 41	2							
10	1	23001-054000	CLAMP, HOSE 54	2							
11	1	23001-070000	CLAMP, HOSE 70	2							
12	1	23001-090000	CLAMP, HOSE 90	6							

Remarks

- * Fitting(hydraulic pump) is shown in Fig.118.
- * Fitting(control valve) is shown in Fig.123 & 124.

Fig.121. TURNING MOTOR(FITTING)



(A)=VIO82 C(AS)
(B)=
(C)=

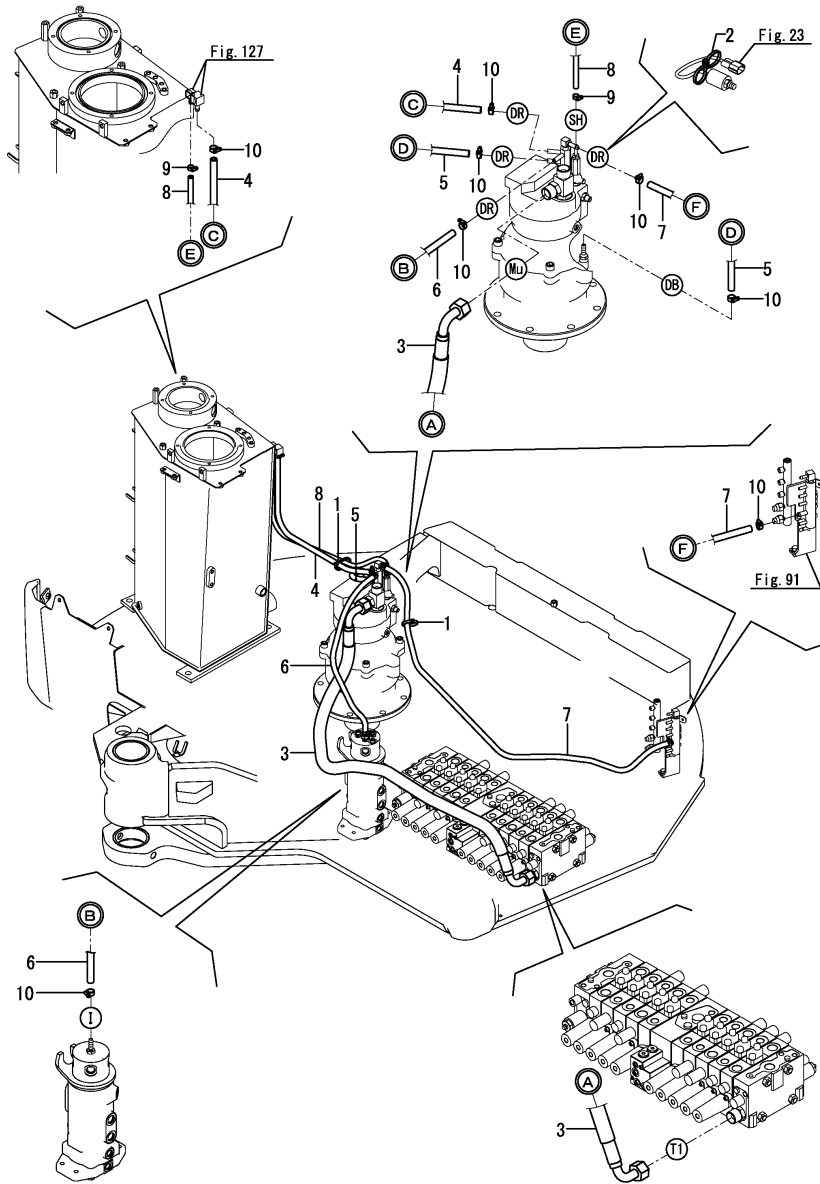
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-11120	ELBOW	1							
2	1	172137-76110	NIPPLE	1							
3	1	172123-76121	ADAPTER	1							
4	1	172187-76131	CONNECTOR, PF3/4	1							
5	1	172A52-76130	ADAPTER	1							
6	2	24315-000140	O-RING, 1BP14.0	1							
7	1	172A69-76140	ADAPTER	1							
8	2	41851-000140	O-RING	1							
9	1	172B36-76140	CONNECTOR ASSY, 3WAY	1							
10	2	24315-000240	O-RING, 1BP24.0	1							
11	1	172499-76170	JOINT	1							
12	1	172141-76220	NIPPLE, 02	1							
13	1	172141-76220	NIPPLE, 02	1							
14	1	172499-76300	ELBOW ASSY	1							
15	2	24315-000140	O-RING, 1BP14.0	1							
16	1	172499-76311	JOINT	1							
17	1	172162-76320	CONNECTOR, 3X1/4	1							
18	1	172B36-76320	CONNECTOR ASSY,4WAY	1							
19	2	24315-000110	O-RING, 1BP11.0	1							
20	1	172499-76351	VALVE ASSY, CHECK	1							
21	1	172B36-76370	VALVE ASSY, CHECK	1							
22	2	172B36-76380	PLUNGER	1							
23	2	172B36-76390	SPRING	1							
24	2	172B36-76400	PLATE, WASHER	1							
26	2	172B36-76420	RING, SNAP	1							
27	1	172B36-76550	ELBOW, 90 G1-R1	1							
28	1	172B36-76560	ADAPTER, G1-RC1	1							
29	2	24315-000290	O-RING, 1BP29.0	1							
30	1	172141-76900	CONNECTOR ASSY	1							
32	2	24315-000180	O-RING, 1BP18.0	1							
33	1	172112-77361	CONNECTOR	1							
34	1	24315-000290	O-RING, 1BP29.0	1							
35	1	41851-000110	O-RING	1							
36	1	41851-000180	O-RING	1							

Fig.122. CONTROL VALVE - TURNING MOTOR

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

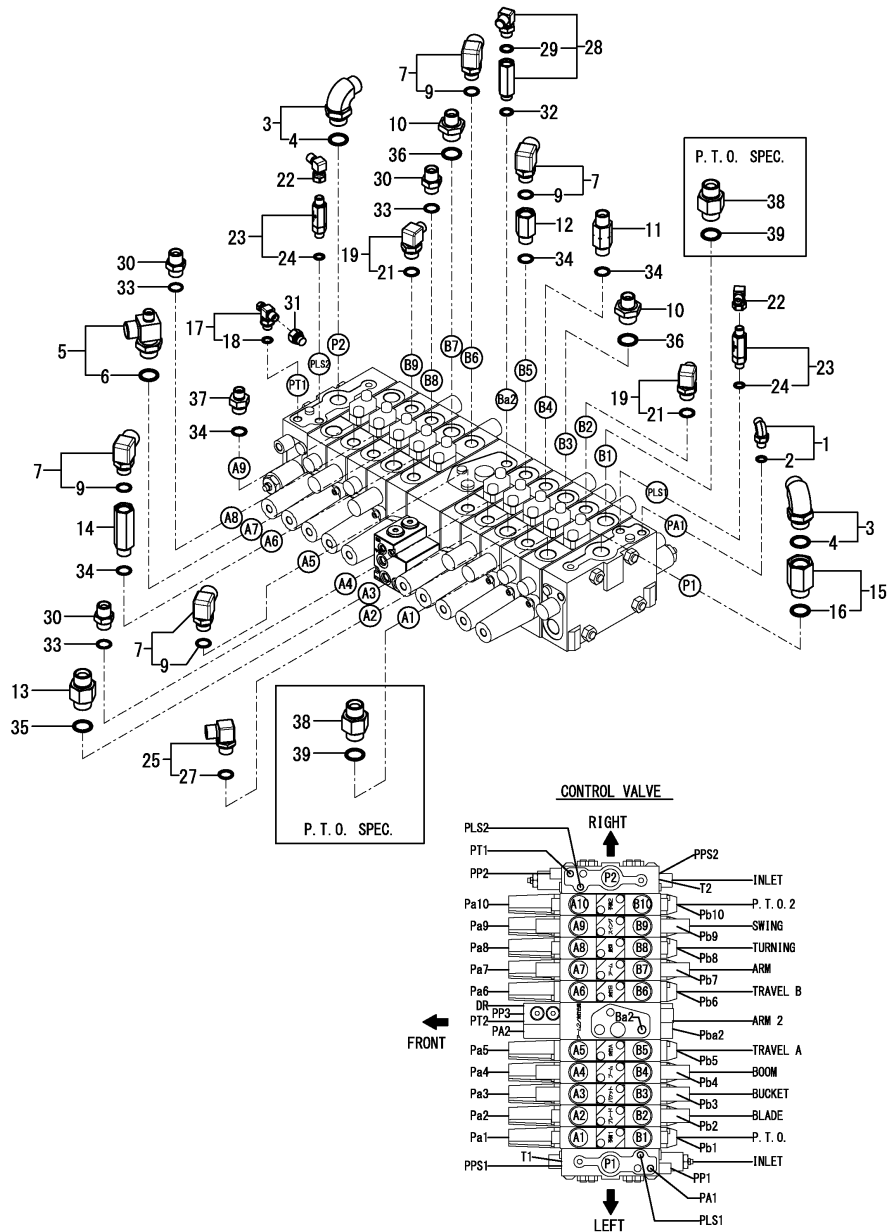


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND		2						
2	1	172137-16560	BAND		1						
3	1	172A69-78230	HOSE		1						
4	1	172A69-78250	HOSE		1						
5	1	172A69-78261	HOSE G806YY060S		1						
6	1	172A69-78261	HOSE G806YY060S		1						
7	1	172A69-78270	HOSE		1						
8	1	172B36-78280	HOSE, G804YY088		1						
9	1	23000-013000	CLAMP, 13		2						
10	1	23001-016000	CLAMP, HOSE 16		8						

Remarks

- * Fitting(turning motor) is shown in Fig.121.
- * Fitting(control valve) is shown in Fig.123 & 124.

Fig.123. CONTROL VALVE(FITTING)(1)



(A)=VIO82 C(AS)
(B)=
(C)=

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

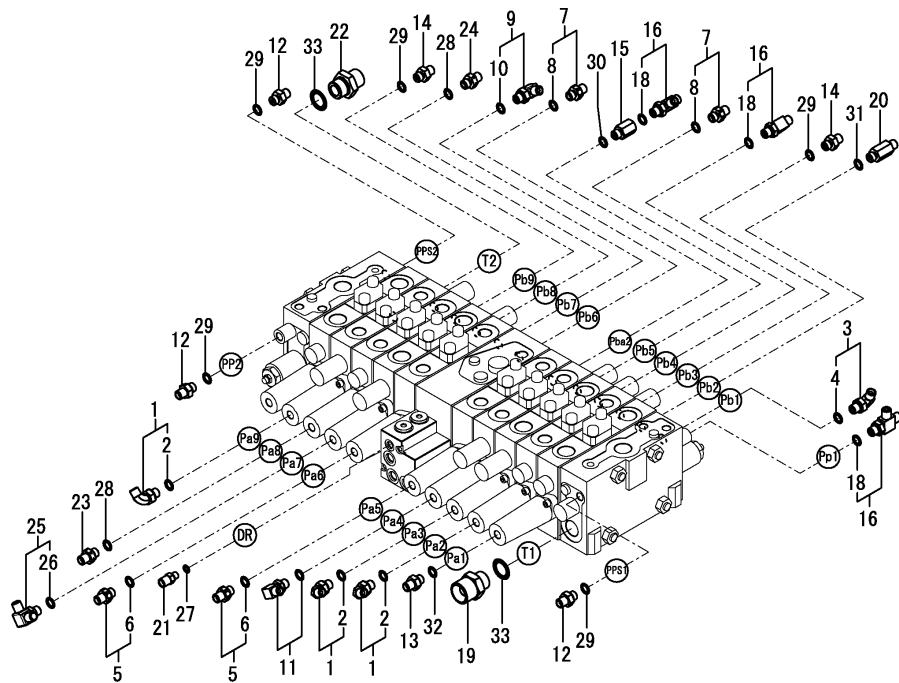
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	1							
2	2	41851-000110	O-RING	1							
3	1	172B36-76110	ELBOW, 90 G3/4-G3/4	2							
4	2	41851-000240	O-RING	2							
5	1	172B36-76130	CONNECTOR ASSY, 3WAY	1							
6	2	41851-000240	O-RING	1							
7	1	172151-76161	ELBOW ASSY	4							
9	2	24315-000180	O-RING, 1BP18.0	4							
10	1	172499-76200	JOINT	2							
11	1	172176-76210	JOINT, PF1/2	1							
12	1	172B36-76220	ADAPTER, G1/2-1/2	1							
13	1	172B36-76240	CONNECTOR, G3/4	1							
14	1	172B36-76260	ADAPTER, G1/2-1/2	1							
15	1	172B36-76270	ADAPTER, G3/4-3/4	1							
16	2	41851-000240	O-RING	1							
17	1	172B36-76290	ELBOW, G1/4-G1/4	1							
18	2	41851-000110	O-RING	1							
19	1	172157-76300	ELBOW ASSY	2							
21	2	24315-000180	O-RING, 1BP18.0	2							
22	1	172828-76330	CONNECTOR, 1/4X1/4	2							
23	1	172B36-76350	VALVE ASSY, CHECK	2							
24	2	41851-000110	O-RING	2							
25	1	172141-76900	CONNECTOR ASSY	1							
27	2	24315-000180	O-RING, 1BP18.0	1							
28	1	172B36-76990	VALVE ASSY, CHECK	1							
29	2	24315-000140	O-RING, 1BP14.0	1							
30	1	172112-77361	CONNECTOR	3							
31	1	1E3030-78370	CAP, SCREW	1							
32	1	41851-000140	O-RING	1							
33	1	41851-000180	O-RING	3							
34	1	41851-000180	O-RING	4							
35	1	41851-000240	O-RING	1							
36	1	41851-000240	O-RING	2							
37	1	933160-01370	CONNECTOR,PF1/2PF3/8	1							
38	1	172B36-76240	CONNECTOR, G3/4	2							1
39	1	41851-000240	O-RING	2							1

Remarks
(1)P.T.O. specification.

Fig.124. CONTROL VALVE(FITTING)(2)

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW	3							
2	2	41851-000110	O-RING	3							
3	1	172B03-76010	ELBOW	1							
4	2	41851-000110	O-RING	1							
5	1	172B36-76060	CONNECTOR, G1/4-0.6	2							
6	2	24315-000110	O-RING, 1BP11.0	2							
7	1	172B36-76060	CONNECTOR, G1/4-0.6	2							
8	2	24315-000110	O-RING, 1BP11.0	2							
9	1	172B36-76070	ELBOW, 90 G1/4-0.9	1							
10	2	41851-000110	O-RING	1							
11	1	172A50-76110	ELBOW	1							
12	1	172123-76121	ADAPTER	3							
13	1	172123-76121	ADAPTER	1							
14	1	172123-76121	ADAPTER	2							
15	1	172422-76140	CONNECTOR	1							
16	1	172162-76181	JOINT ASSY	3							
18	2	41851-000110	O-RING	3							
19	1	172151-76200	JOINT	1							
20	1	172183-76200	CONNECTOR	1							
21	1	172447-76210	JOINT, G1/8-G1/4	1							
22	1	172142-76240	JOINT	1							
23	1	172164-76330	JOINT, PF1/4-0.7	1							
24	1	172164-76330	JOINT, PF1/4-0.7	1							
25	1	172491-76330	ELBOW, ADJUSTABLE	1							
26	2	24315-000110	O-RING, 1BP11.0	1							
27	1	24315-000080	O-RING, 1BP8.0	1							
28	1	41851-000110	O-RING	2							
29	1	41851-000110	O-RING	5							
30	1	41851-000110	O-RING	1							
31	1	41851-000110	O-RING	1							
32	1	41851-000110	O-RING	1							
33	1	41851-000240	O-RING	2							

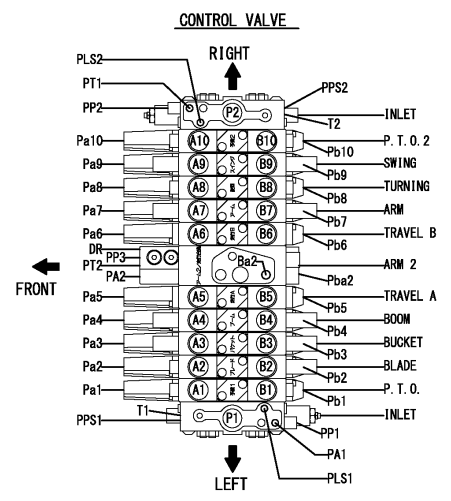
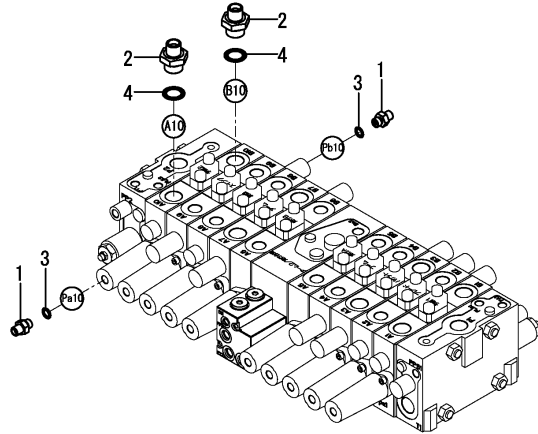


Fig.125. CONTROL VALVE(FITTING)(P.T.O. 2)

(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2							
2	1	172499-76200	JOINT	2							
3	1	41851-000110	O-RING	2							
4	1	41851-000240	O-RING	2							

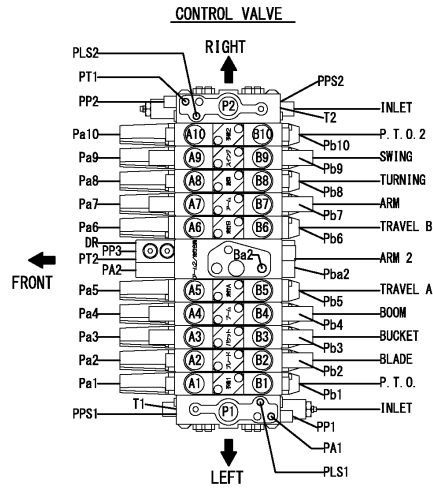
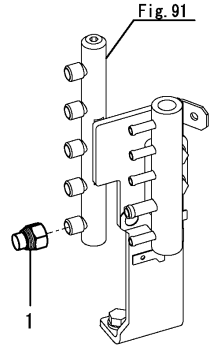


Fig.126. SCREW CAP

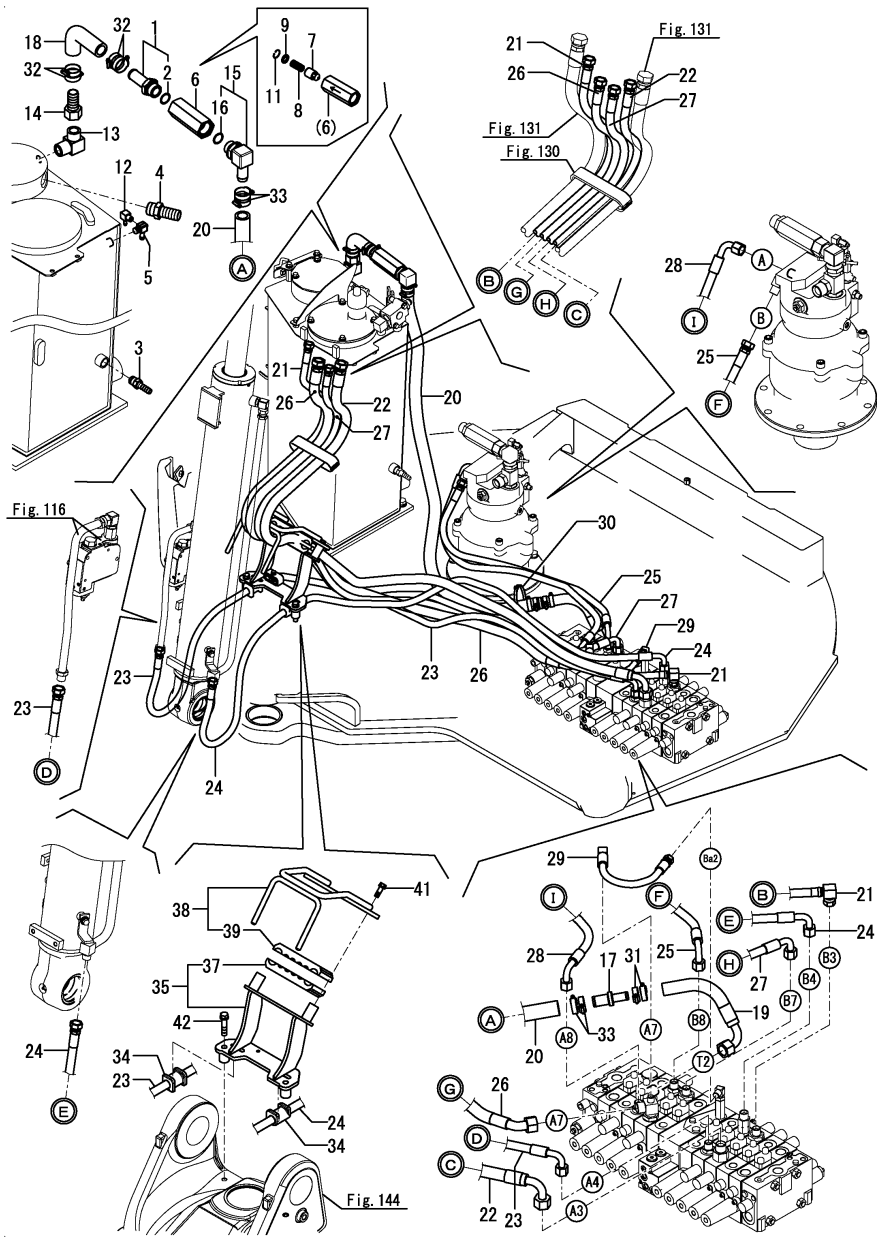
(A)=VIO82 C(AS)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	1E3030-78370	CAP, SCREW	1								

Fig.127. CONTROL VALVE - BOOM, TURNING MOTOR & TANK



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

(F)=

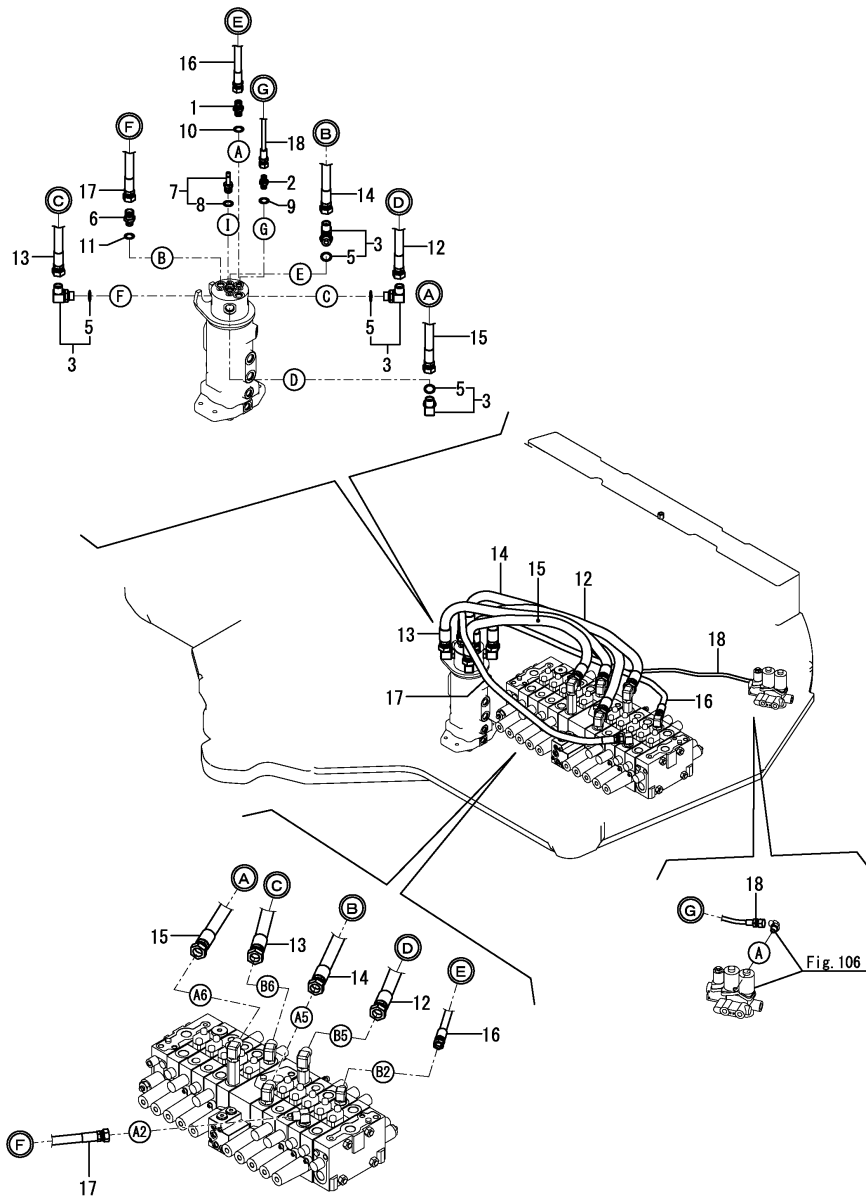
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76120	NIPPLE	1							
2	2	172A65-76790	O-RING	1							
3	1	172168-76170	CONNECTOR	1							
4	1	172187-76180	NIPPLE, HOSE	1							
5	1	172499-76331	NIPPLE, ELBOW	1							
6	1	172B36-76370	VALVE ASSY, CHECK	1							
7	2	172B36-76380	PLUNGER	1							
8	2	172B36-76390	SPRING	1							
9	2	172B36-76400	PLATE, WASHER	1							
11	2	172B36-76420	RING, SNAP	1							
12	1	172186-76390	NIPPLE, ELBOW	1							
13	1	172B36-76500	ELBOW, 90 R1-G1	1							
14	1	172B36-76510	NIPPLE, G1	1							
15	1	172B04-76780	ELBOW, 90 G1-25	1							
16	2	172A65-76790	O-RING	1							
17	1	172B36-76170	NIPPLE, 3/4-1	1							
18	1	172B36-78120	HOSE, 25.4	1							
19	1	172B36-78220	HOSE, G612CY027S	1							
20	1	172B36-78230	HOSE, G616YY149S	1							
21	1	172B36-78300	HOSE, H108BV278K	1							
22	1	172B36-78310	HOSE, H112BC274K	1							
23	1	172B36-78320	HOSE, H108BC247K	1							
24	1	172B36-78330	HOSE, H108BC247K	1							
25	1	172B36-78420	HOSE, H108BC107S	1							
26	1	172B36-78430	HOSE, H112BE235K	1							
27	1	172B36-78440	HOSE, H108BC245K	1							
28	1	172B36-78480	HOSE, H108CC121S	1							
29	1	172B36-79440	HOSE, H106BV028S	1							
30	1	172122-79890	CLAMP, HOSE	1							
31	1	23001-035000	CLAMP, HOSE 35	2							
32	1	23001-041000	CLAMP, HOSE 41	4							
33	1	23001-041000	CLAMP, HOSE 41	4							
34	1	172187-78100	RUBBER	2							
35	1	172B36-79100	CLAMP ASSY, HOSE	1							
37	2	172A69-79140	SUPPORT, RUBBER	1							
38	1	172B36-79150	PLATE ASSY,CLAMP	1							
39	2	172A69-79140	SUPPORT, RUBBER	1							
41	1	26013-100302	BOLT, M10X 30	2							
42	1	26013-120602	BOLT, M12X 60	2							

Remarks

* Fitting(turning motor) is shown in Fig.121.

* Fitting(control valve) is shown in Fig.123 & 124.

Fig.128. CONTROL VALVE - SWIVEL JOINT



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	1							
2	1	172123-76121	ADAPTER	1							
3	1	172151-76161	ELBOW ASSY	4							
5	2	24315-000180	O-RING, 1BP18.0	4							
6	1	172168-76162	CONNECTOR, PF1/2X3/8	1							
7	1	172A65-76700	CONNECTOR, G3/8	1							
8	2	41851-000140	O-RING	1							
9	1	41851-000110	O-RING	1							
10	1	41851-000140	O-RING	1							
11	1	41851-000140	O-RING	1							
12	1	172B36-78340	HOSE, H110BB086S	1							
13	1	172B36-78340	HOSE, H110BB086S	1							
14	1	172B36-78350	HOSE, H110BB102S	1							
15	1	172B36-78360	HOSE, H110BB079S	1							
16	1	172B36-78450	HOSE, H106BB101S	1							
17	1	172B36-78460	HOSE, H108BB108S	1							
18	1	172A69-78900	HOSE	1							

Remarks

* Fitting(control valve) is shown in Fig.123 & 124.

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

Fig.129. TRAVEL FRAME

(A)=VIO82 C(AS)

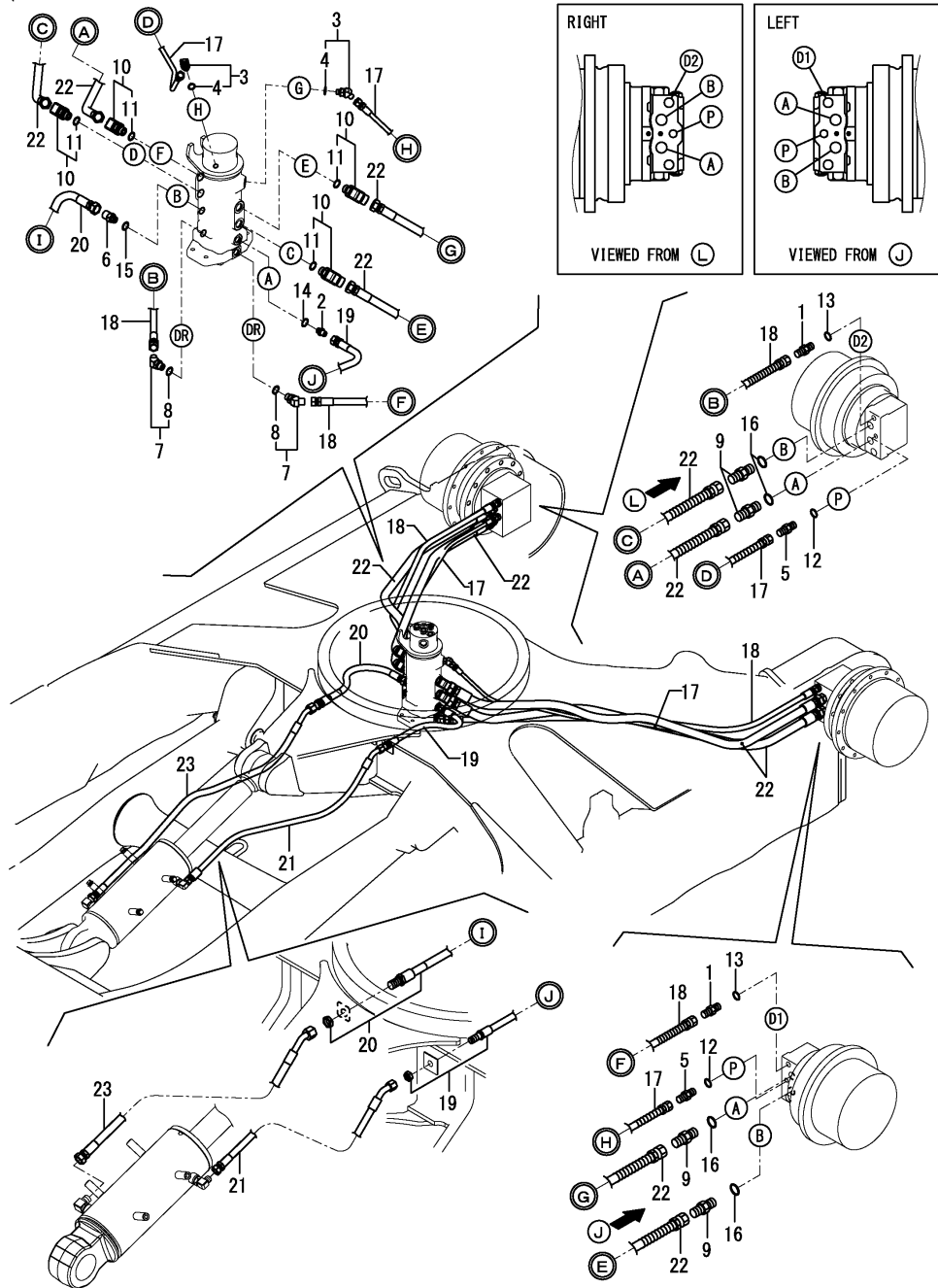
(B)=

(C)=

(D)=

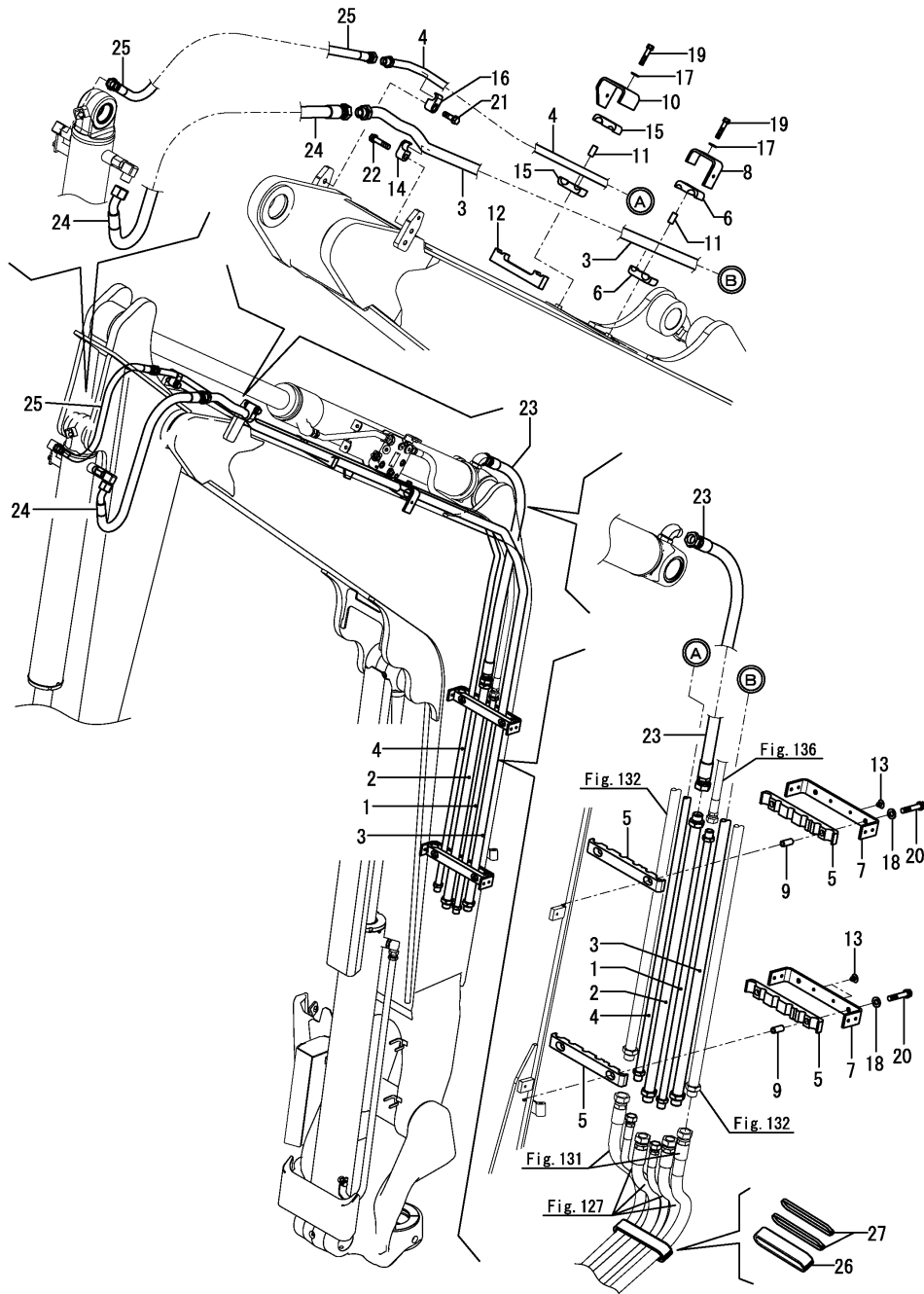
(E)=

(F)=



No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2							
2	1	172730-75141	ADAPTER	1							
3	1	172173-76102	CONNECTOR ASSY	2							
4	2	41851-000110	O-RING	2							
5	1	172123-76121	ADAPTER	2							
6	1	172168-76162	CONNECTOR, PF1/2X3/8	1							
7	1	172644-76161	ELBOW, ADJUST	2							
8	2	24315-000140	O-RING, 1BP14.0	2							
9	1	172187-76200	ADAPTER, 1/2-3/4	4							
10	1	172B36-76300	ELBOW, 45 G1/2-G3/4	4							
11	2	24315-000180	O-RING, 1BP18.0	4							
12	1	41851-000110	O-RING	2							
13	1	41851-000140	O-RING	2							
14	1	41851-000140	O-RING	1							
15	1	41851-000140	O-RING	1							
16	1	41851-000180	O-RING	4							
17	1	172187-78201	HOSE	2							
18	1	172187-78211	HOSE	2							
19	1	172A69-78510	HOSE	1							
20	1	172A69-78520	HOSE	1							
21	1	172A69-78530	HOSE	1							
22	1	172B36-78530	HOSE, H110BB143W	4							
23	1	172A69-78540	HOSE	1							

Fig.130. BOOM



(A)=VIO82 C(AS)

(B)=

(C)=

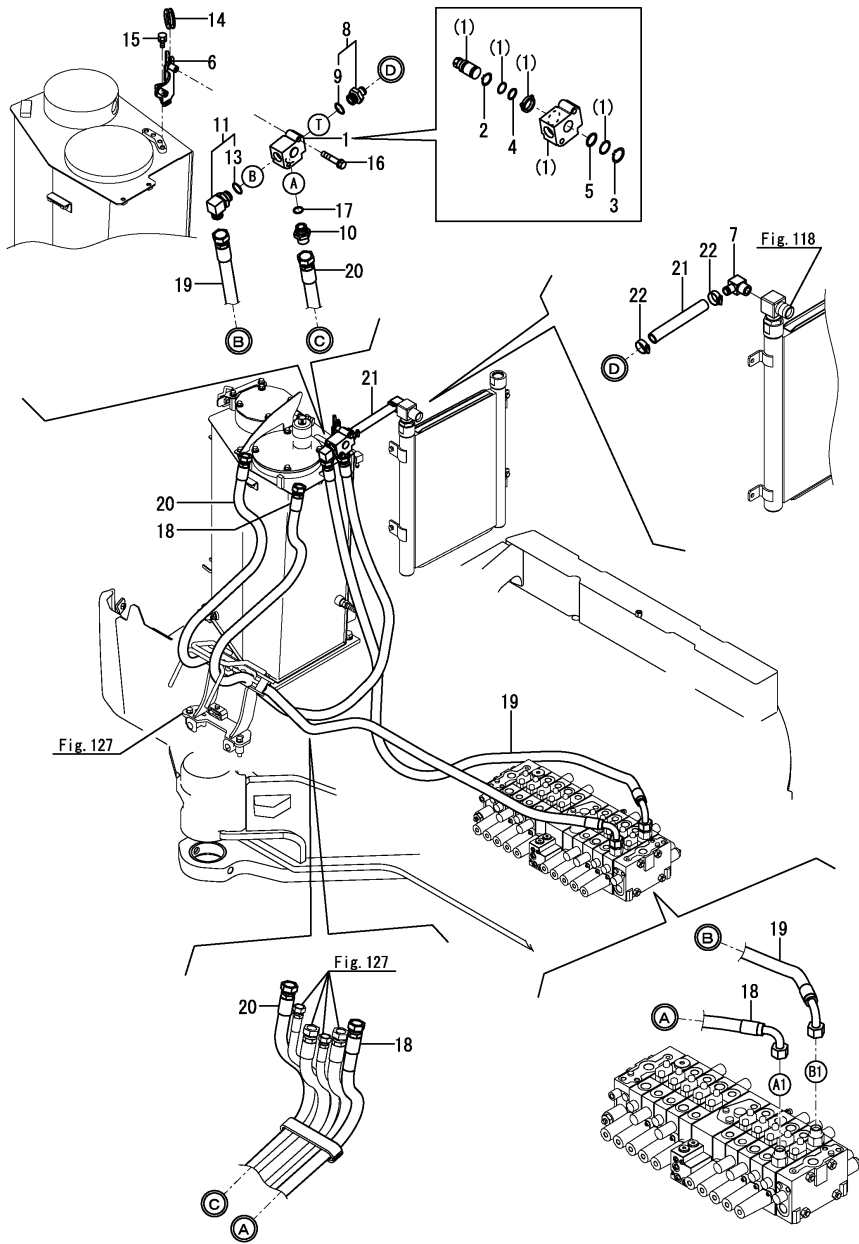
(D)=

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76200-Y	TUBE ASSY, ARM	1							
2	1	172A69-76220-Y	TUBE ASSY, ARM	1							
3	1	172B12-76250	TUBE ASSY, BUCKET L	1							
4	1	172A69-76270-Y	TUBE ASSY, BUCKET	1							
5	1	172A69-76400	CLAMP, RUBBER	4							
6	1	172A69-76410	CLAMP, RUBBER	2							
7	1	172B11-76420	CLAMP, TUBE A	2							
8	1	172B12-76440	CLAMP, TUBE B	1							
9	1	172A69-76450	COLLAR, CLAMP	4							
10	1	172B11-76460	CLAMP, TUBE Q PTO2	1							
11	1	172187-76520	COLLAR, CLAMP	2							
12	1	172B11-76830	RUBBER, TUBE CLAMP	1							
13	1	172B11-76900	CLIP, TREE 8	3							
14	1	172142-76941	CLAMP, 3/4	1							
15	1	172187-76940	RUBBER	2							
16	1	172142-76951	CLAMP, 1/2	1							
17	1	22137-100000	WASHER, 10	2							
18	1	22137-100000	WASHER, 10	4							
19	1	26013-100502	BOLT, M10X 50	2							
20	1	26013-100552	BOLT, M10X 55	4							
21	1	26014-120452	BOLT, M12X 45	1							
22	1	26014-120552	BOLT, M12X 55	1							
23	1	172A69-78550	HOSE	1							
24	1	172A69-78570	HOSE	1							
25	1	172A89-78570	HOSE H108BB070W	1							
26	1	172A69-78680	COVER, HOSE	1							
27	1	172A69-79890	CLIP, HOSE	2							

Fig.131. P.T.O.(FRAME END)



(A)=VIO82 C(AS)
(B)=
(C)=

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

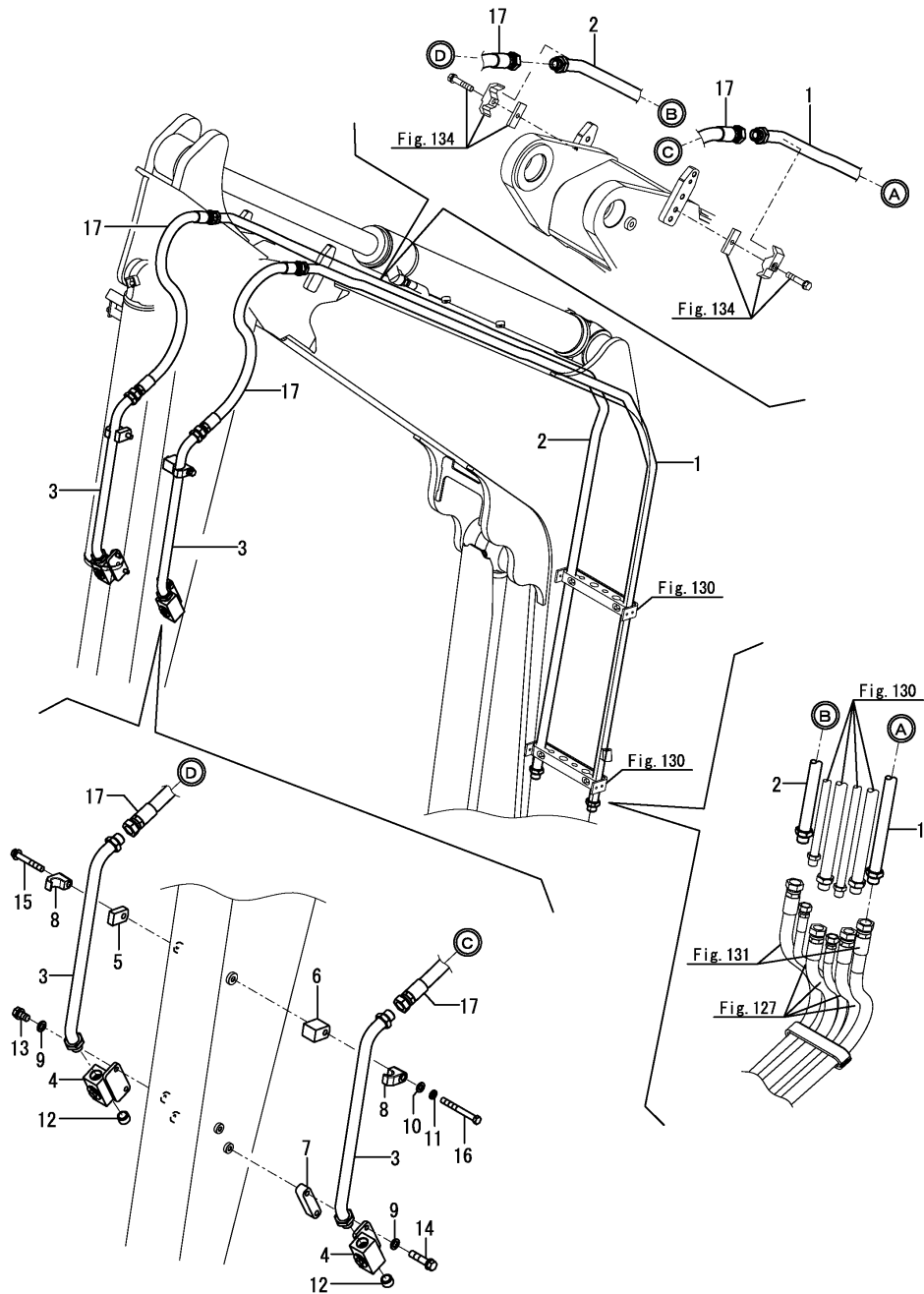
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74050	VALVE ASSY,SELECOR	1							
2	2	22242-000210	RING, 21	1							
3	2	22242-000250	RING, 25	1							
4	2	24315-000210	O-RING, 1BP21.0	1							
5	2	24315-000250	O-RING, 1BP25.0	1							
6	1	172A69-74070	STAY, VALVE	1							
7	1	172467-76120	ELBOW	1							
8	1	172524-76210	NIPPLE, HOSE 3/4	1							
9	2	24315-000240	O-RING, 1BP24.0	1							
10	1	172142-76240	JOINT	1							
11	1	172165-76380	CONNECTOR ASSY	1							
13	2	24315-000240	O-RING, 1BP24.0	1							
14	1	172422-78760	GROMMET	1							
15	1	26013-100162	BOLT, M10X 16	2							
16	1	26013-100502	BOLT, M10X 50	2							
17	1	41851-000240	O-RING	1							
18	1	172B36-78400	HOSE, H112BC279K	1							
19	1	172B36-78410	HOSE, H112BC220K	1							
20	1	172A69-78420	HOSE G112BB296K	1							
21	1	172B11-78490	HOSE, G812YY020	1							
22	1	23001-025000	CLAMP, HOSE 25	2							

Remarks

* Fitting(control valve) is shown in Fig.123 & 124.

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

Fig.132. P.T.O.(ARM END)

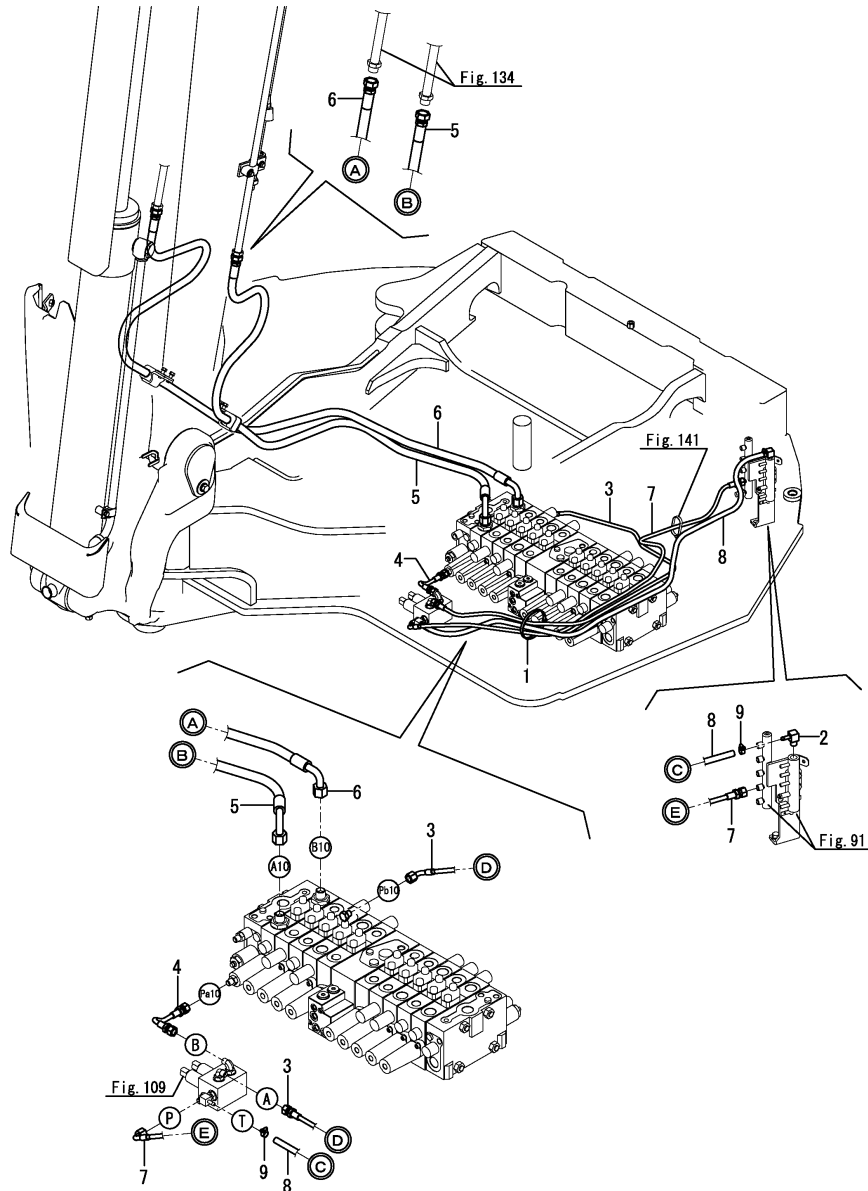


(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76300-Y	TUBE ASSY, PTO	1							
2	1	172A69-76320-Y	TUBE ASSY, PTO	1							
3	1	172187-76570-Y	TUBE, 3RD	2							
4	1	172176-76582-Y	VALVE 12 ASSY,STOP	2							
5	1	172187-76690-Y	PLATE	1							
6	1	172B36-76860	SPACER, TUBE	1							
7	1	172B36-76870	SPACER, VALVE STOP	1							
8	1	172142-76941	CLAMP,3/4	2							
9	1	22117-100000	WASHER, 10	4							
10	1	22137-120000	WASHER, 12	1							
11	1	22217-120000	WASHER, SPRING 12	1							
12	1	23871-060000	PLUG, R06	2							
13	1	26013-100252	BOLT, M10X 25	2							
14	1	26013-100502	BOLT, M10X 50	2							
15	1	26014-120752	BOLT, 12 X 75	1							
16	1	26116-121002	BOLT, M12X100 PLATED	1							
17	1	172187-79250	HOSE	2							

Fig.133. P.T.O.2(FRAME END)



(A)=VIO82 C(AS)
(B)=
(C)=

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

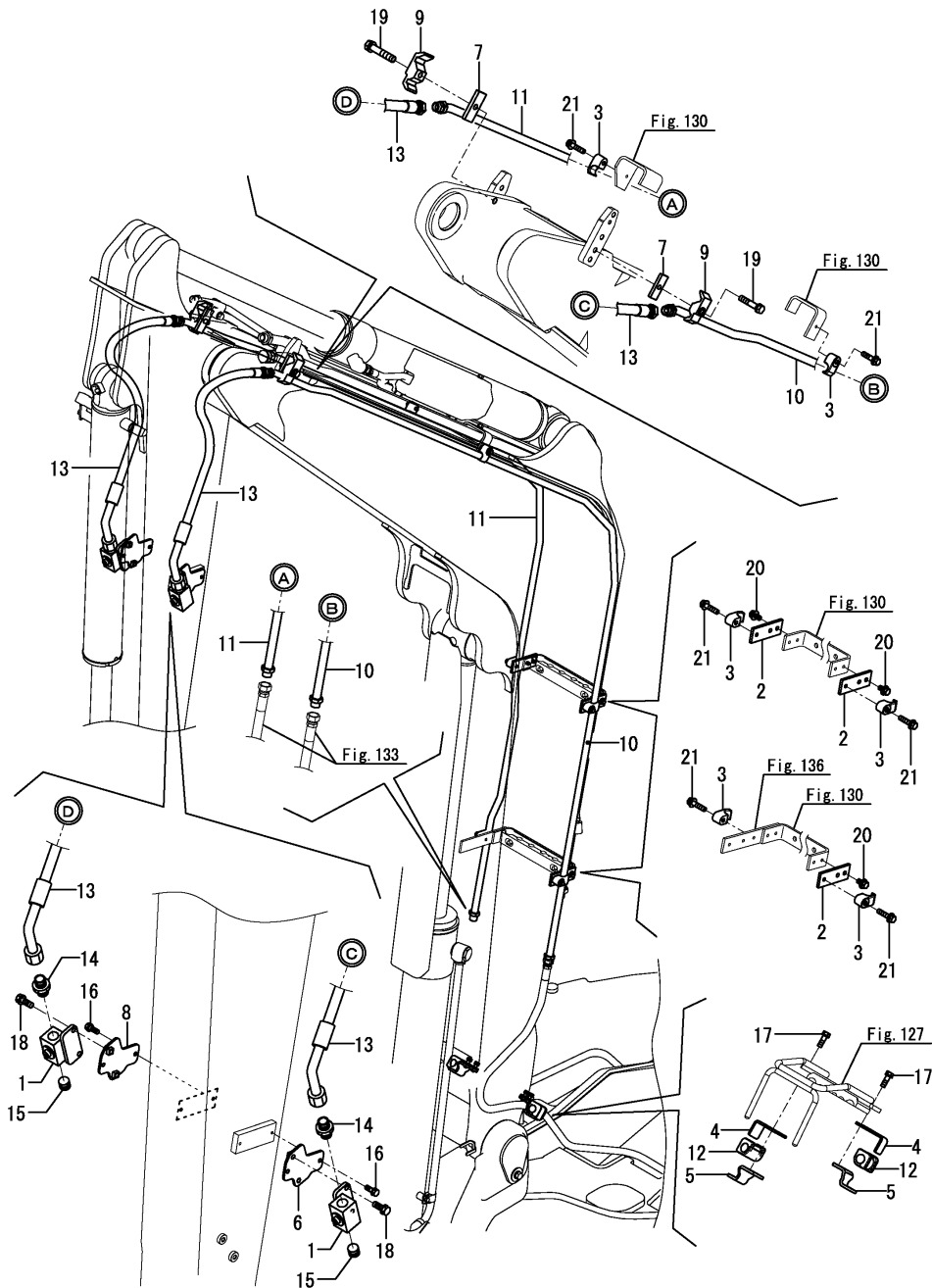
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	172186-76390	NIPPLE, ELBOW	1							
3	1	172B36-79240	HOSE, F403BC146	1							
4	1	172A69-79490	HOSE	1							
5	1	172B36-79940	HOSE, H108BC238K	1							
6	1	172B36-79950	HOSE, H108BC238K	1							
7	1	172B11-79960	HOSE, F403BC150	1							
8	1	172B11-79990	HOSE, G604YY147	1							
9	1	23000-013000	CLAMP, 13	2							

Remarks

* Fitting(control valve) is shown in Fig.125.

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

Fig.134. P.T.O.2(ARM END)



(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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	1	172B11-76520	PLATE, CLAMP PTO2	3							
3	1	172B11-76550	CLAMP,1/2	6							
4	1	172B11-76560	CLAMP,A PTO2	2							
5	1	172B11-76570	CLAMP,B PTO2	2							
6	1	172B11-76580	PLATE ASSY, VALVE L	1							
7	1	172175-76590-Y	PLATE, SPACER	2							
8	1	172B11-76600	PLATE ASSY, VALVE R	1							
9	1	172125-76900-2	CLAMP	2							
10	1	172B11-77900	TUBE ASSY, PTO2 L	1							
11	1	172B11-77930	TUBE ASSY, PTO2 R	1							
12	1	172187-78100	RUBBER	2							
13	1	172B11-79930	HOSE, H108BE095W	2							
14	1	23391-040000	JOINT, RGI-1/2	2							
15	1	23871-040000	PLUG, R04	2							
16	1	26013-080202	BOLT, M8X 20	4							
17	1	26013-080252	BOLT, M8X 25	4							
18	1	26013-100252	BOLT, M10X 25	4							
19	1	26013-120602	BOLT, M12X 60	2							
20	1	26014-080162	BOLT, M8X 16	6							
21	1	26014-080352	BOLT, M8X 35	6							

Fig.135. QUICK COUPLER

(A)=VIO82 C(AS)

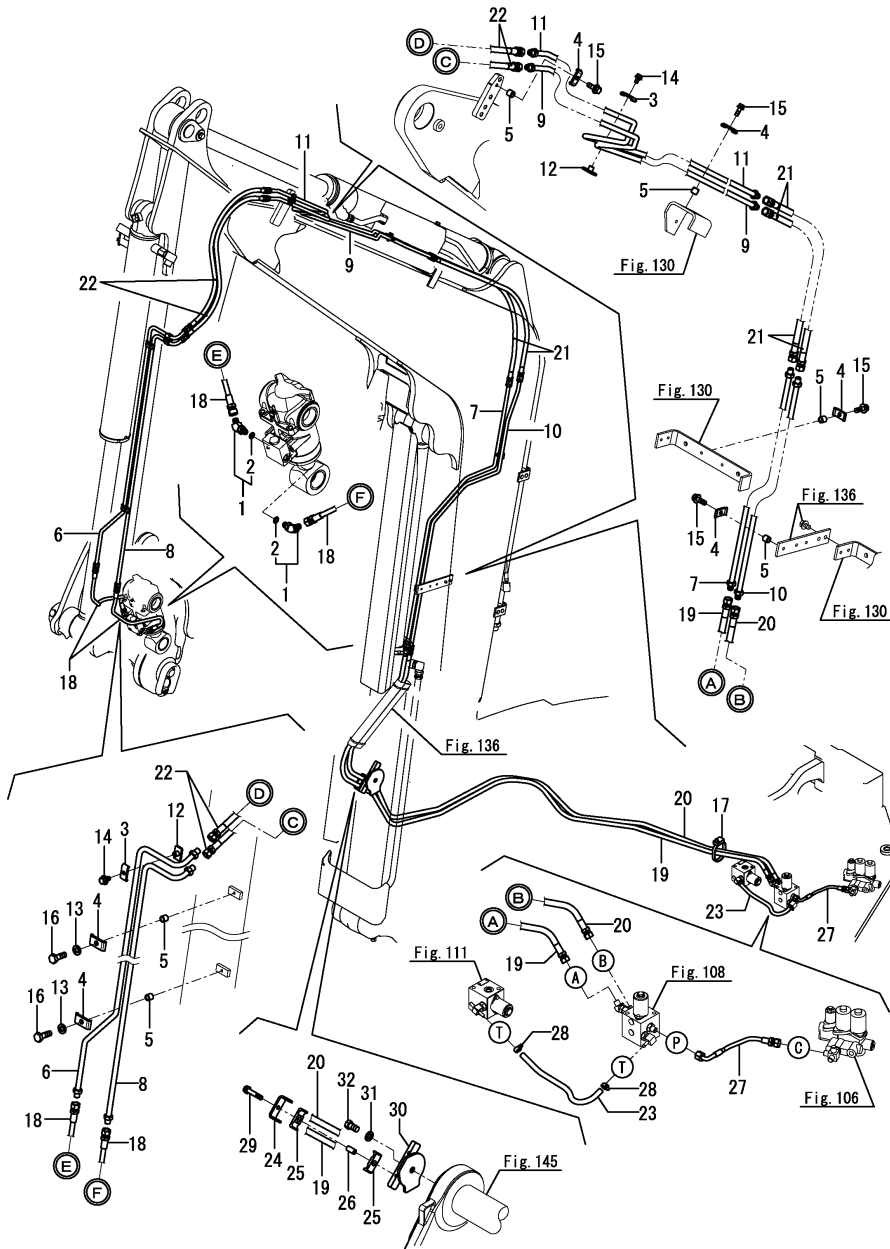
(B)=

(C)=

(D)=

(E)=

(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-76100	ELBOW	2							1
2	2	24315-000110	O-RING, 1BP11.0	2							1
3	1	172110-76170	PLATE	2							
4	1	172110-76170	PLATE	6							
5	1	172137-76580	COLLAR	6							
6	1	172B36-76600	TUBE ASSY, ARM A	1							
7	1	172A69-76620-Y	TUBE ASSY	1							
8	1	172B36-76620	TUBE ASSY, ARM B	1							
9	1	172A69-76640-Y	TUBE ASSY	1							
10	1	172B36-76640	TUBE ASSY, Q A L	1							
11	1	172A69-76660-Y	TUBE ASSY	1							
12	1	172B04-77400	CLAMP ASSY,TUBE	2							
13	1	22217-080000	WASHER, SPRING 8	2							
14	1	26014-080162	BOLT, M8X 16	2							
15	1	26014-080252	BOLT, M8X 25	4							
16	1	26076-080252	BOLT, 10.98X 25	2							
17	1	172126-11510	BAND	1							
18	1	172958-78120	HOSE	2							
19	1	172B36-78600	HOSE, H606BB290K	1							
20	1	172B36-78610	HOSE, H606BB293K	1							
21	1	172A69-78620	HOSE H604BB093K	2							
22	1	172B36-78620	HOSE, H206BB074W	2							
23	1	172B27-78960	HOSE, G804YY029S	1							
24	1	172A69-79200	CLAMP, 54X25	1							
25	1	172A69-79210	SUPPORT, RUBBER	2							
26	1	172A69-79220	COLLAR, 9X24	1							
27	1	172A69-79520	HOSE	1							
28	1	23000-013000	CLAMP, 13	2							
29	1	26013-080402	BOLT, M8X 40	1							
30	1	172A69-79250-Y	CLAMP ASSY	1							
31	1	22217-140000	WASHER, SPRING 14	1							
32	1	26116-140252	BOLT, M14X 25 PLATED	1							

Remarks

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

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

Fig.136. SAFETY VALVE

(A)=VIO82 C(AS)

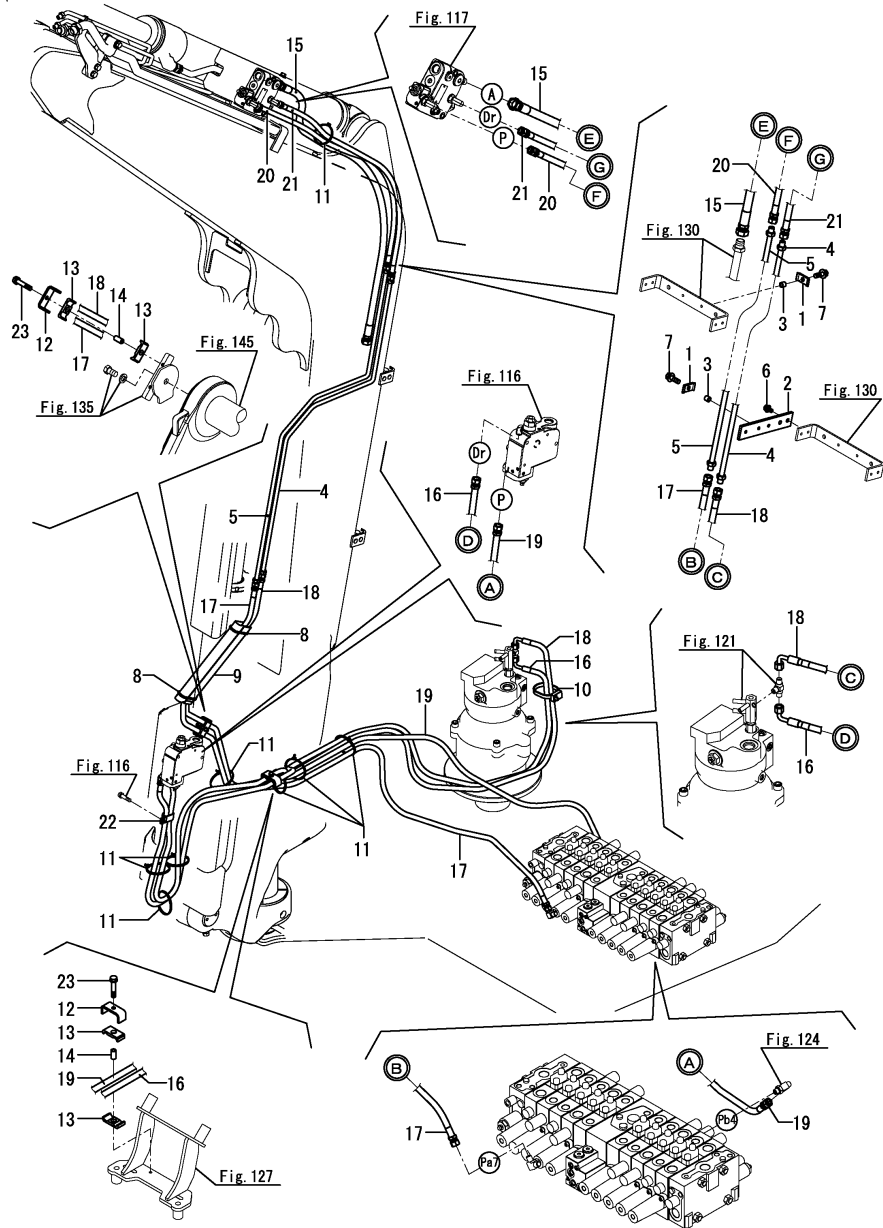
(B)=

(C)=

(D)=

(E)=

(F)=



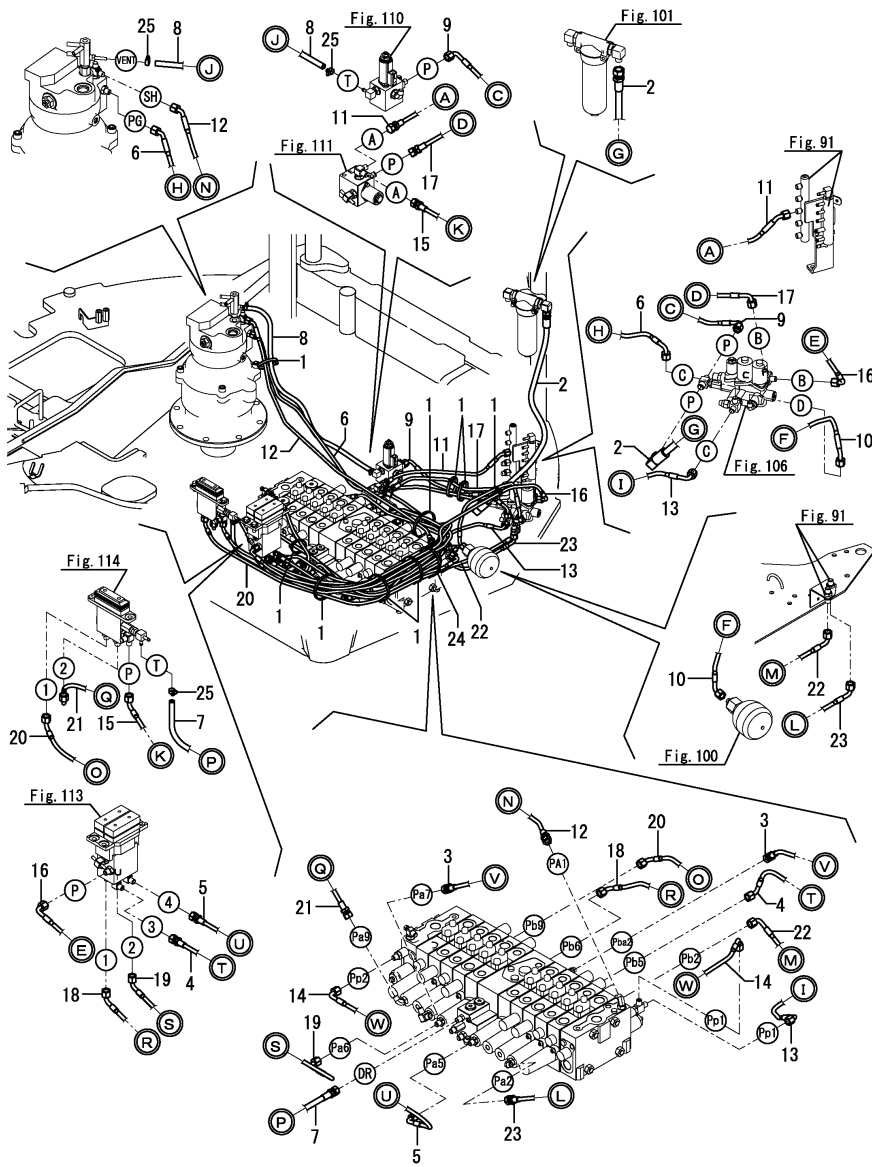
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170	PLATE	2							
2	1	172B11-76510	PLATE, CLAMP Q HV	1							
3	1	172137-76580	COLLAR	2							
4	1	172A69-77480-Y	TUBE ASSY	1							
5	1	172A69-77500-Y	TUBE ASSY	1							
6	1	26014-080162	BOLT, M8X 16	2							
7	1	26014-080252	BOLT, M8X 25	2							
8	1	172126-11510	BAND	2							
9	1	172A69-78670	COVER, HOSE	1							
10	1	172126-11510	BAND	2							
11	1	194202-56460	BAND, 200	8							
12	1	172A69-79200	CLAMP, 54X25	2							
13	1	172A69-79210	SUPPORT, RUBBER	4							
14	1	172A69-79220	COLLAR, 9X24	2							
15	1	172B36-79690	HOSE, H108BB152K	1							
16	1	172B36-79710	HOSE, H606BC283K	1							
17	1	172B36-79720	HOSE, H606BB275K	1							
18	1	172A69-79730	HOSE, H604BC280K	1							
19	1	172B36-79730	HOSE, H606BB278K	1							
20	1	172B36-79740	HOSE, H606BB141K	1							
21	1	172B36-79750	HOSE, H606BB133K	1							
22	1	1E6212-82820	CLIP, COD-173219	1							
23	1	26013-080402	BOLT, M8X 40	2							

Remarks

* Fitting(turning motor) is shown in Fig.121.

* Fitting(control valve) is shown in Fig.123 & 124.

Fig.137. CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE)



(A)=VIO82 C(AS)
(B)=
(C)=

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

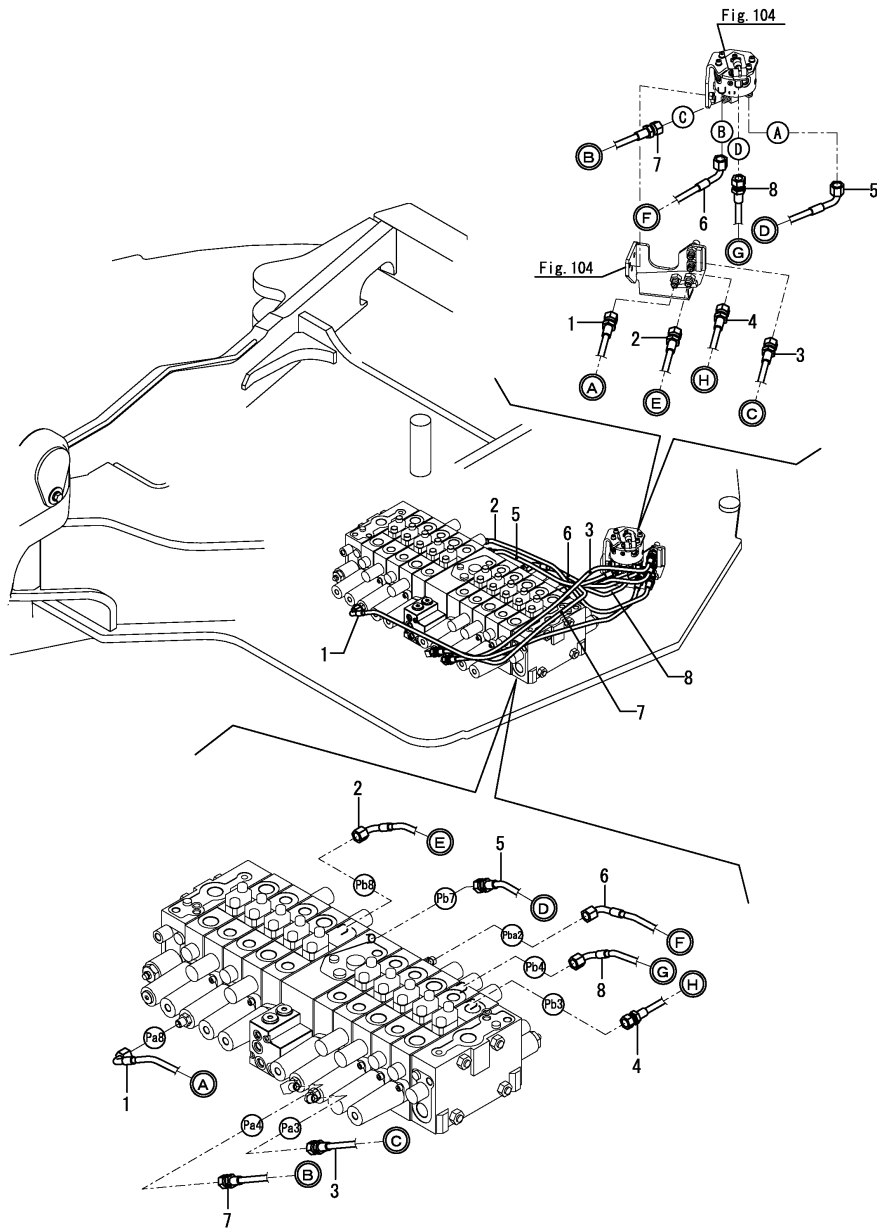
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	9							
2	1	172B11-78191	HOSE, H606BV077	1							
3	1	172455-78430	HOSE	1							
4	1	172B36-78470	HOSE, F403BC102	1							
5	1	172B36-78490	HOSE, H603BC034	1							
6	1	172B36-78500	HOSE, F403CE118S	1							
7	1	172B36-78520	HOSE, G804BY039	1							
8	1	172B36-78730	HOSE, G804YY076S	1							
9	1	172B36-78850	HOSE, F403CC033S	1							
10	1	172B11-78881	HOSE, H603CE058	1							
11	1	172B36-78890	HOSE, F403BE046S	1							
12	1	172B27-78910	HOSE, F403BE125S	1							
13	1	172B36-78910	HOSE, F403CC040	1							
14	1	172B36-78930	HOSE, F403CC103	1							
15	1	172A64-79220	HOSE	1							
16	1	172437-79400	HOSE	1							
17	1	172B03-79430	HOSE, F403BC047S	1							
18	1	172B36-79450	HOSE, F403CC119	1							
19	1	172B36-79460	HOSE, H603CC026	1							
20	1	172B36-79500	HOSE, F403CC1524	1							
21	1	172B36-79510	HOSE, H603BC023	1							
22	1	172B36-79640	HOSE, F403CC031	1							
23	1	172B36-79650	HOSE, F403BC084	1							
24	1	172122-79890	CLAMP, HOSE	1							
25	1	23000-013000	CLAMP, 13	3							

Remarks

* Fitting(turning motor) is shown in Fig.121.

* Fitting(control valve) is shown in Fig.123 & 124.

Fig.138. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)



(A)=VIO82 C(AS)
 (B)=
 (C)=

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

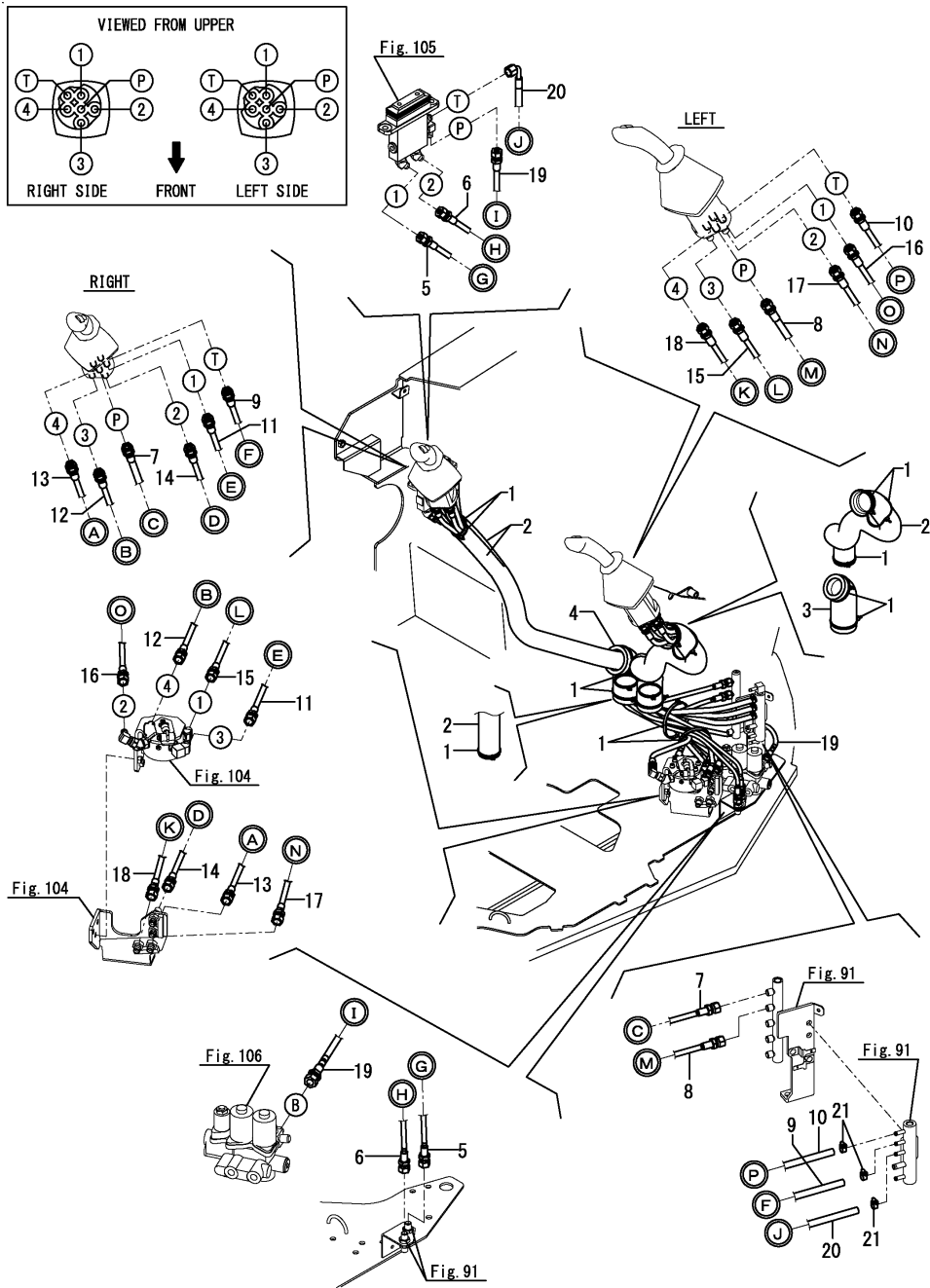
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-79800	HOSE, F403BC109	1							
2	1	172B36-79810	HOSE, F403BC065	1							
3	1	172B36-79820	HOSE, F403BB079	1							
4	1	172B36-79830	HOSE, H603BB035	1							
5	1	172B36-79840	HOSE, F403BC050	1							
6	1	172B36-79850	HOSE, H603CC029	1							
7	1	172B36-79860	HOSE, F403BB074	1							
8	1	172B36-79870	HOSE, H603BC031	1							

Remarks

* Fitting(control valve) is shown in Fig.123 & 124.

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

Fig.139. CONTROL PIPING(2-WAY VALVE - REMOTE CONTROL VALVE)



(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	13							
2	1	172A69-78630	COVER, HOSE	3							
3	1	172A69-78650	SPONGE, HOSE	1							
4	1	172A69-78660	SPONGE, HOSE	1							
5	1	172B36-78670	HOSE, F403BB125	1							
6	1	172B36-78680	HOSE, F403BB128	1							
7	1	172B36-78690	HOSE, H603BB111	1							
8	1	172A69-78711	HOSE	1							
9	1	172A69-78720	HOSE	1							
10	1	172A69-78731	HOSE	1							
11	1	172A69-78740	HOSE	1							
12	1	172A69-78750	HOSE	1							
13	1	172A69-78760	HOSE	1							
14	1	172A69-78770	HOSE	1							
15	1	172A69-78781	HOSE	1							
16	1	172A69-78791	HOSE	1							
17	1	172A69-78801	HOSE	1							
18	1	172A69-78811	HOSE	1							
19	1	172B36-79660	HOSE, H603BB145	1							
20	1	172B36-79670	HOSE, G804CY115	1							
21	1	23000-013000	CLAMP, 13	3							

Fig.140. CONTROL PIPING(TRAVEL & SWING PEDAL)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-78970	HOSE	1							
2	1	23000-013000	CLAMP, 13	2							

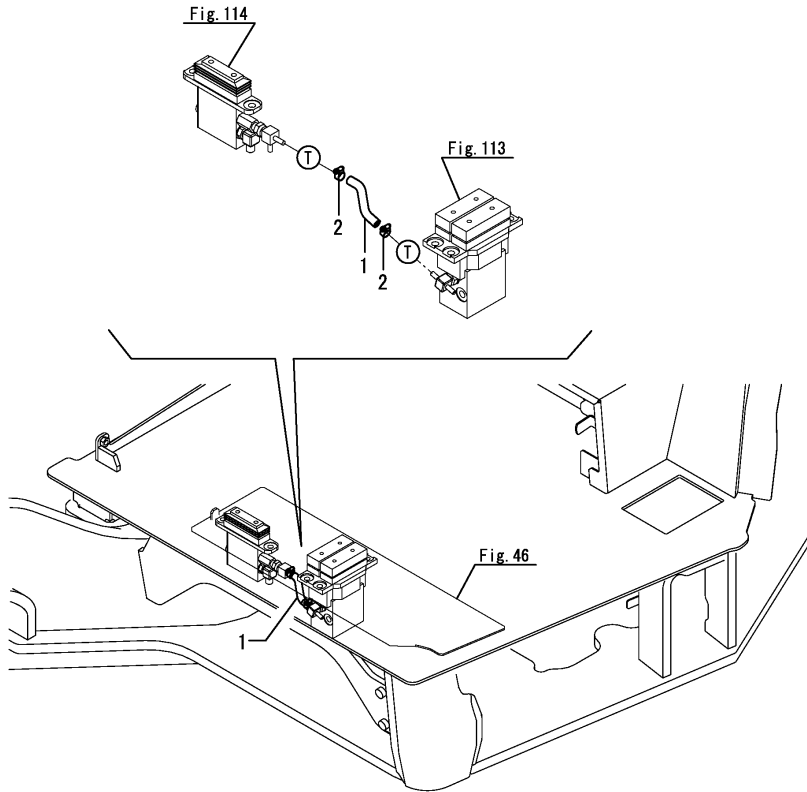
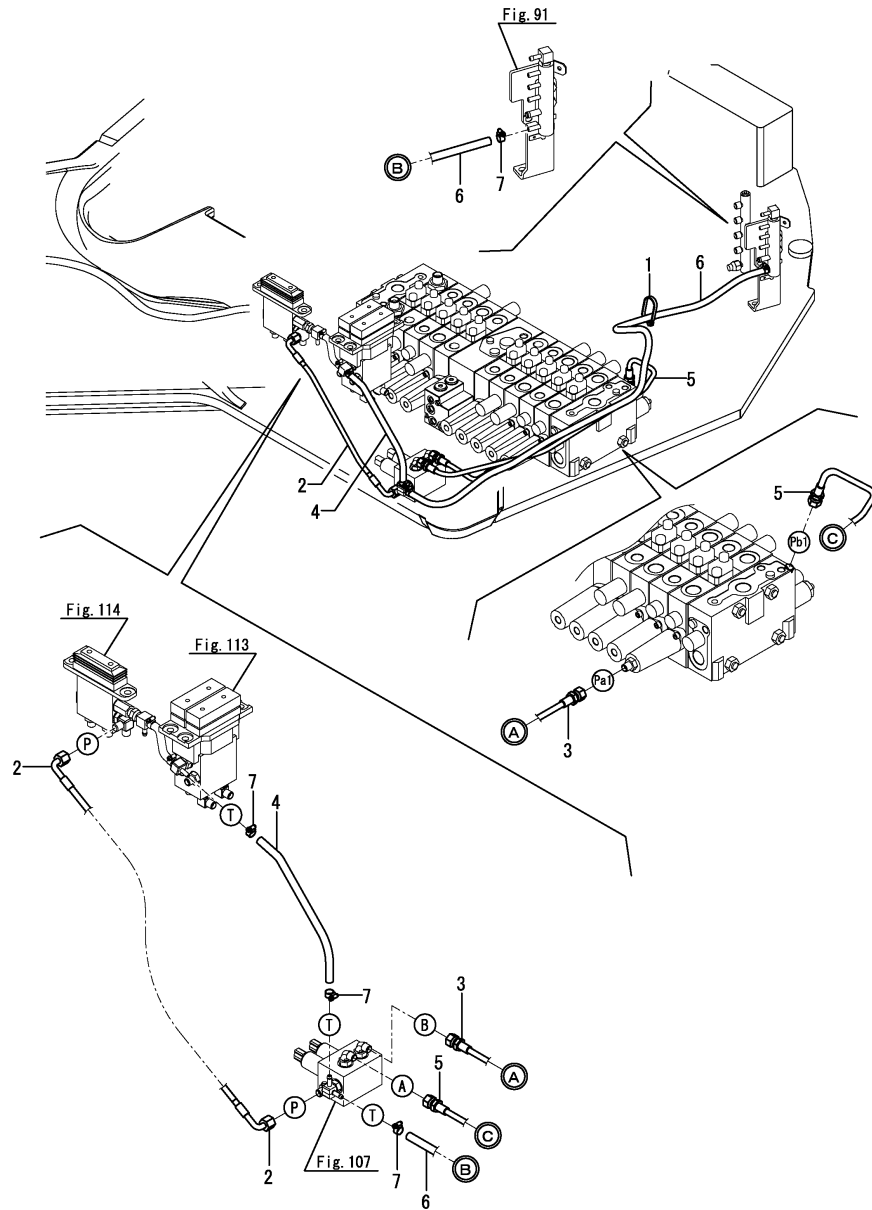


Fig.141. CONTROL PIPING(P.T.O.)



(A)=VIO82 C(AS)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	172B36-78910	HOSE, F403CC040	1							
3	1	172A69-79490	HOSE	1							
4	1	172B11-79540	HOSE, G604YY029	1							
5	1	172B36-79620	HOSE, F403BB074	1							
6	1	172B36-79970	HOSE, G804YY125	1							
7	1	23000-013000	CLAMP, 13	4							

Remarks

* Fitting(control valve) is shown in Fig.123 & 124.

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

Fig.142. GREASING(TURNING FRAME)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

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

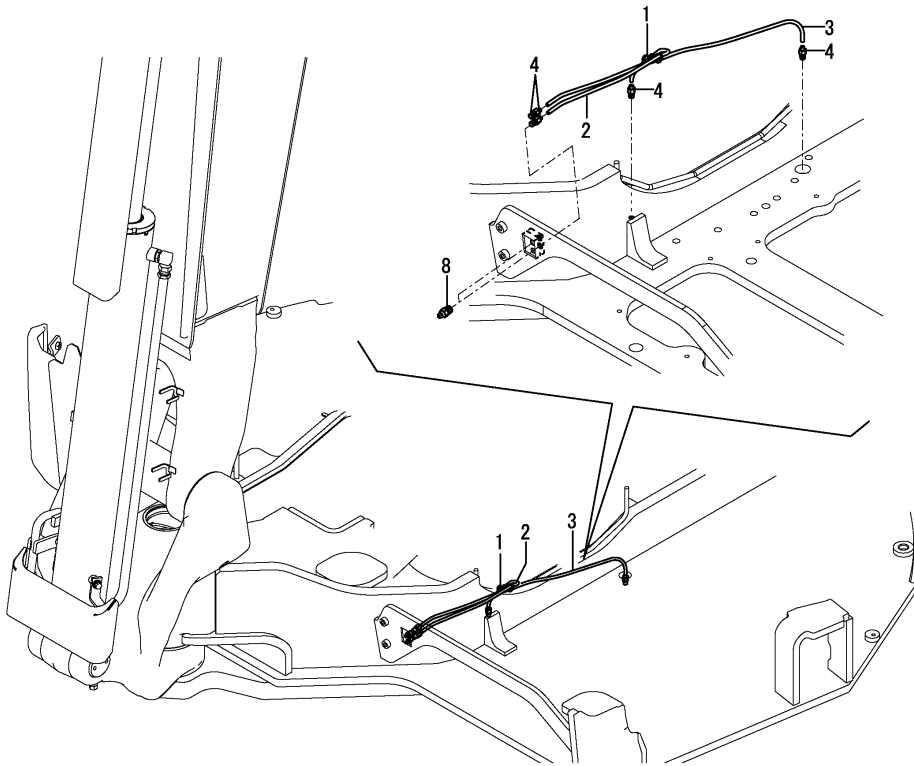
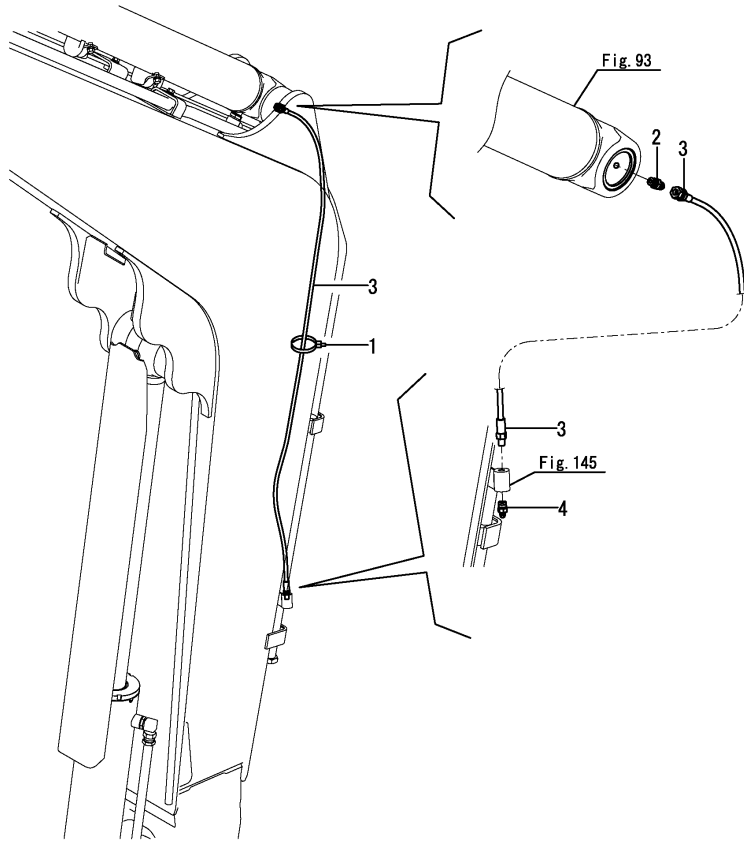


Fig.143. GREASING(BOOM)

(A)=VIO82 C(AS)
(B)=
(C)=

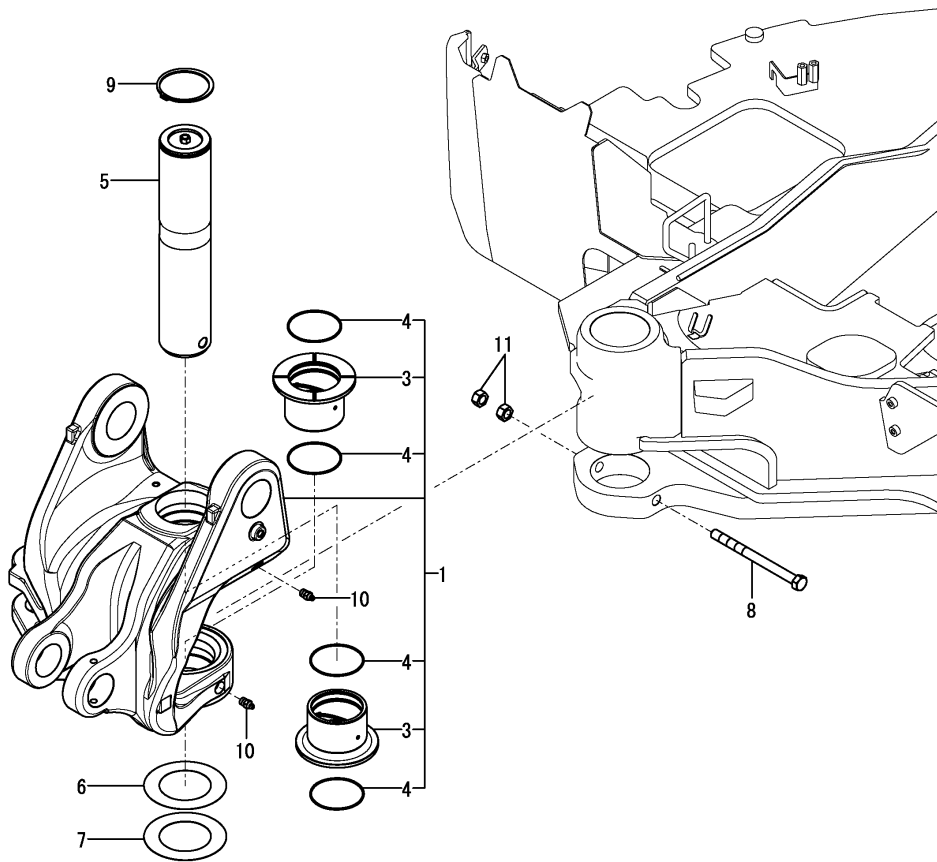
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194202-56460	BAND, 200	1							
2	1	172112-77580	JOINT, 1/8	1							
3	1	172A89-77820	HOSE, P202AF141	1							
4	1	24761-020000	NIPPLE, GREASE PT1/8	1							

N:Old \xrightarrow{Yes} New, Q:Old \xrightarrow{No} New, R:Old \xrightarrow{Yes} New, S:Old \xrightarrow{No} New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.144. BOOM BRACKET

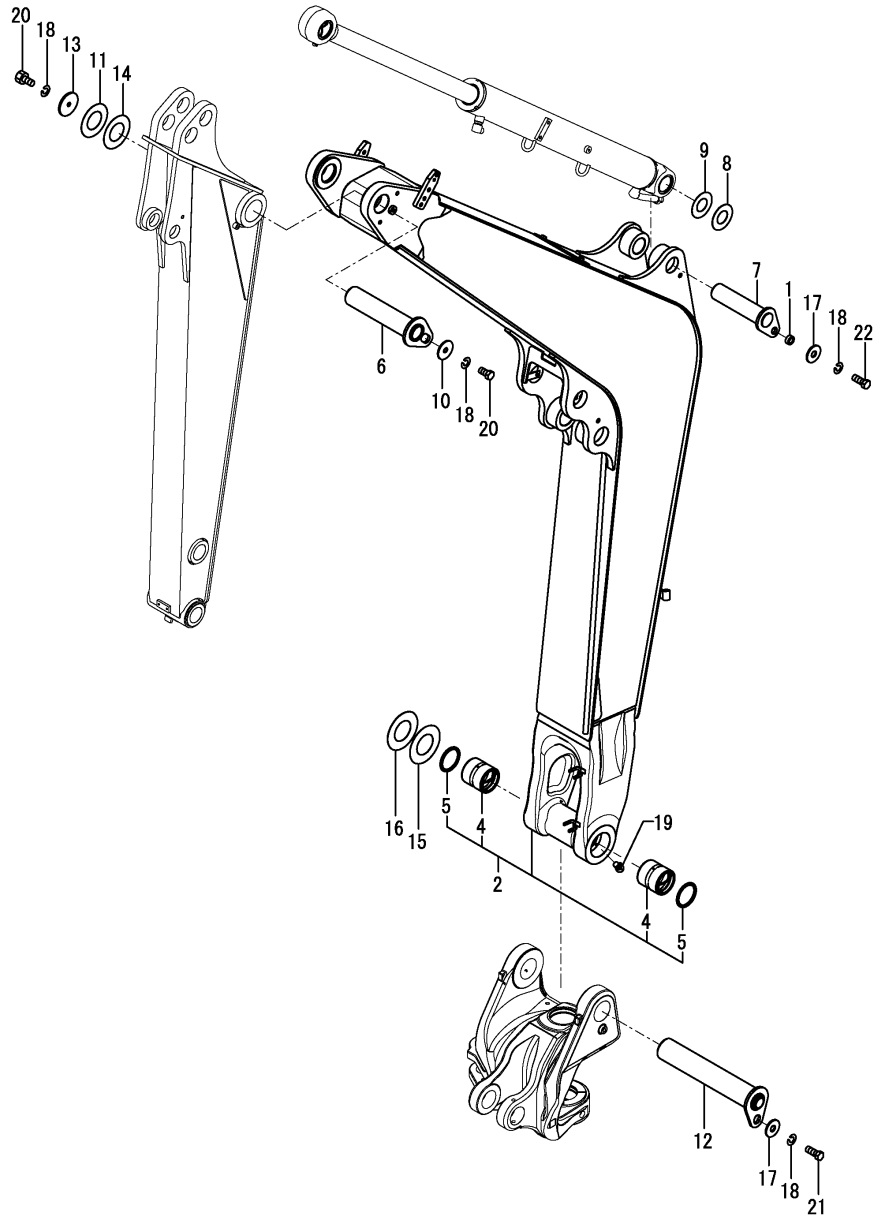


(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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							
3	2	172A89-82320	BUSH, 100X90	2							
4	2	24321-001000	O-RING, 1AG100.0	4							
5	1	172187-82330	PIN ASSY	1							
6	1	172187-82400	SHIM	1							
7	1	172187-82410	SHIM	1							
8	1	172187-82420	BOLT	1							
9	1	22242-001000	RING, 100	1							
10	1	24761-020000	NIPPLE, GREASE PT1/8	2							
11	1	26716-180002	NUT, M18	2							

Fig.145. BOOM

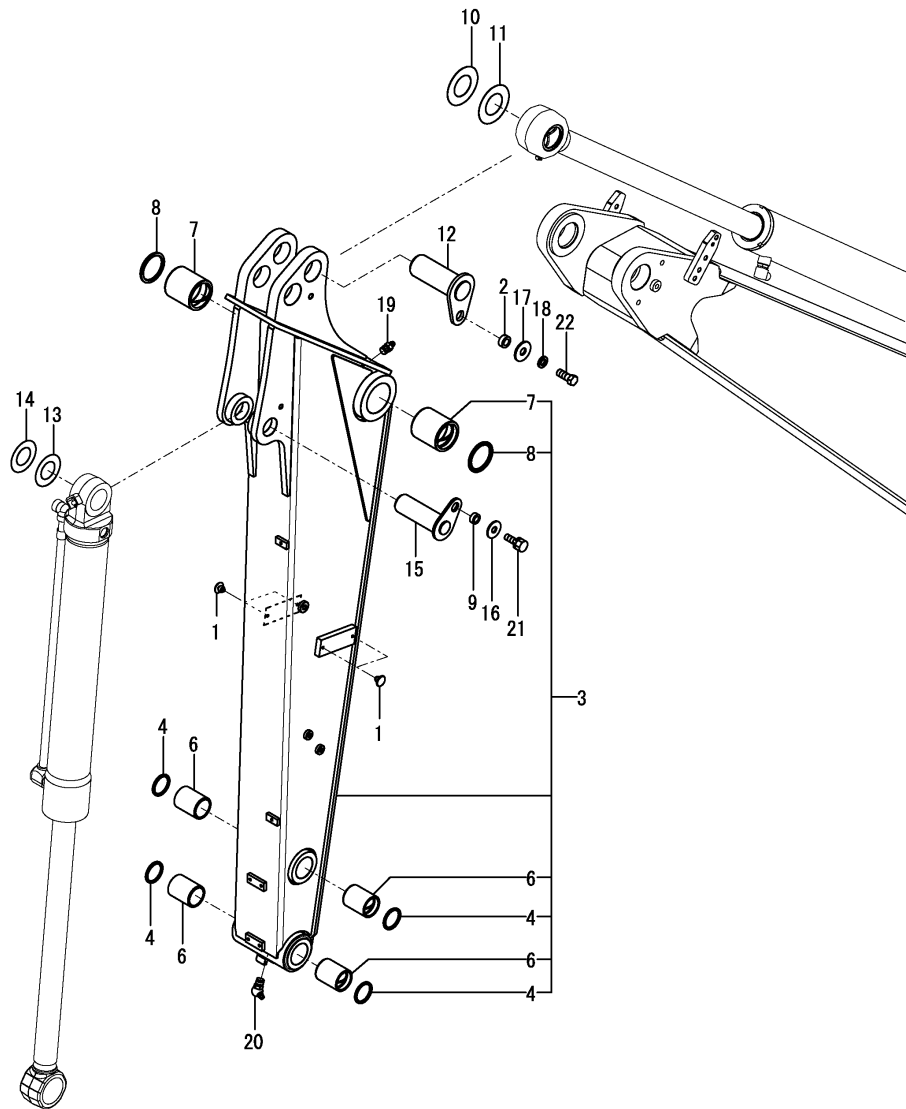


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.146. ARM

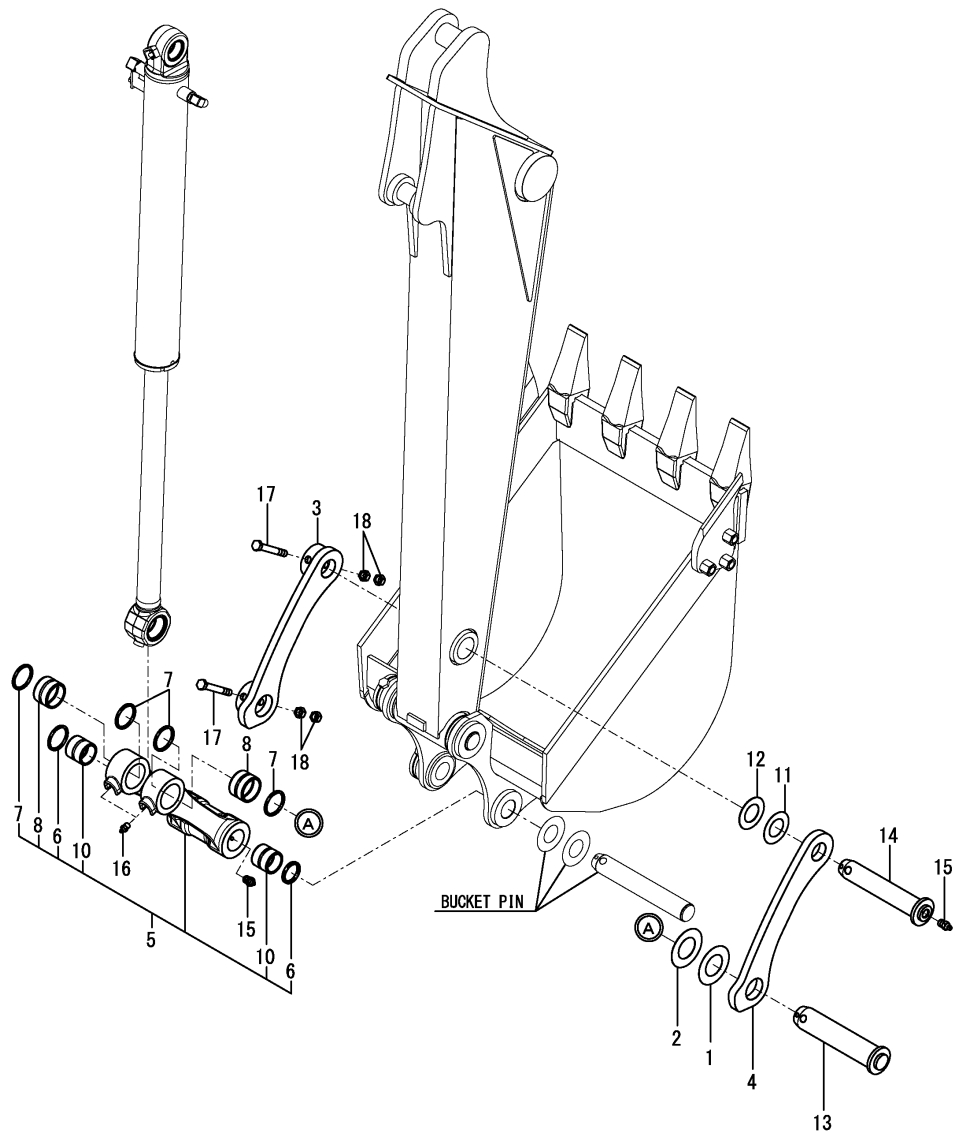


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.147. BUCKET ARM & LINK

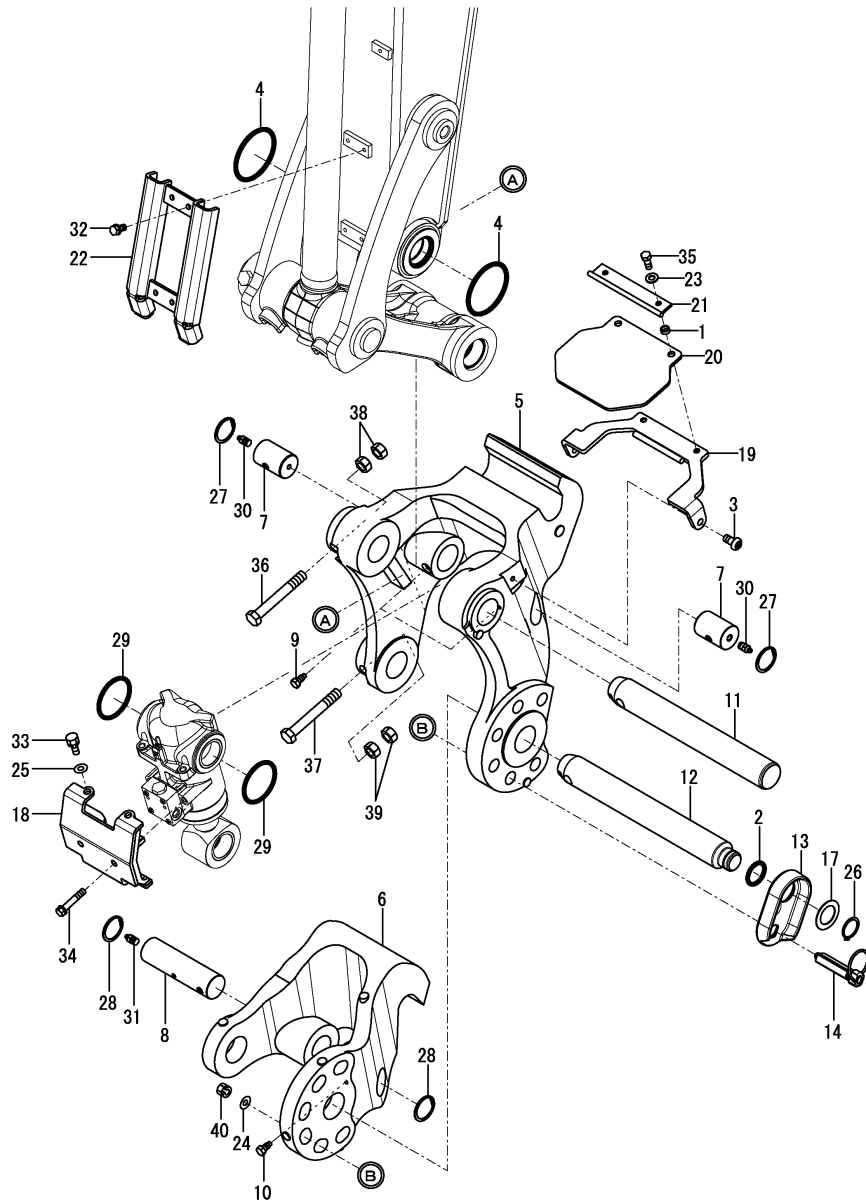


(A)=VIO82 C(AS)
(B)=
(C)=

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

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

Fig.148. QUICK COUPLER



(A)=VIO82 C(AS)

(B)=

(C)=

(D)=

(E)=

(F)=

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

Remarks

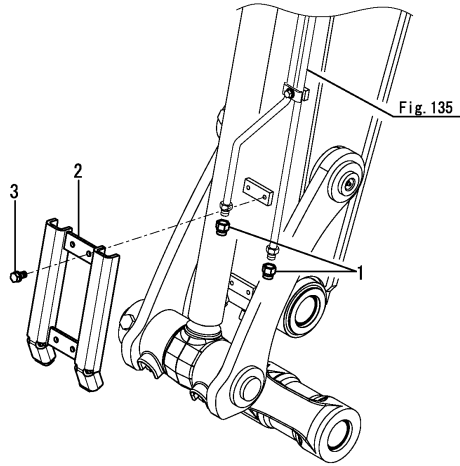
* This figure is applied quick coupler specification made by YANMAR.

N:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, S:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Qty Change

Fig.149. QUICK COUPLER ACCESSORIES(WITHOUT QUICK COUPLER BODY SPEC.)

(A)=VIO82 C(AS)
 (B)=
 (C)=

(D)=
 (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	172978-83320-Y	COVER, ARM	1							
3	1	26013-080162	BOLT, M8X 16	4							

Remarks

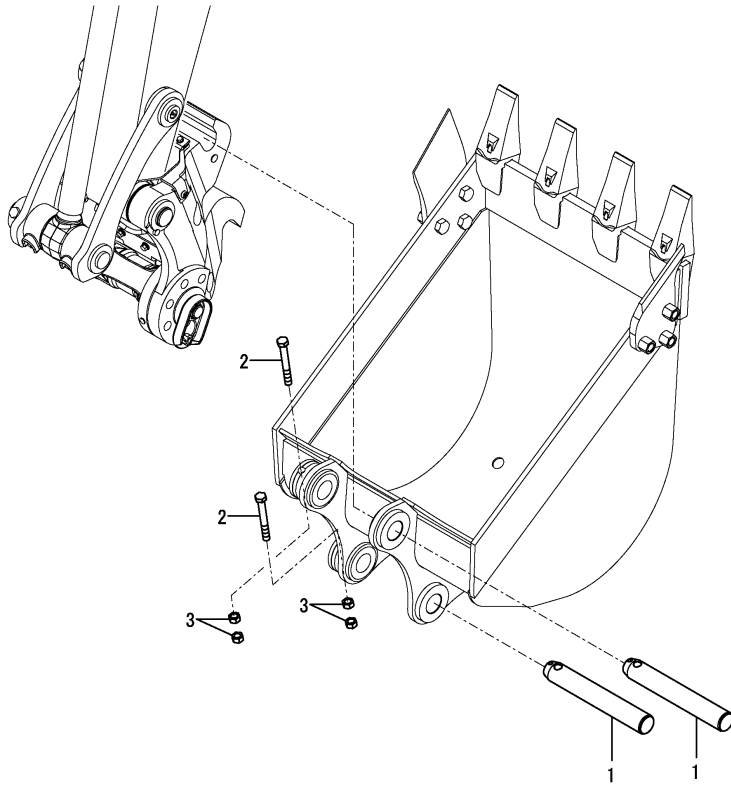
* This figure is not applied quick coupler specification made by YANMAR.

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

Fig.150. BUCKET PIN

(A)=VIO82 C(AS)
 (B)=
 (C)=

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



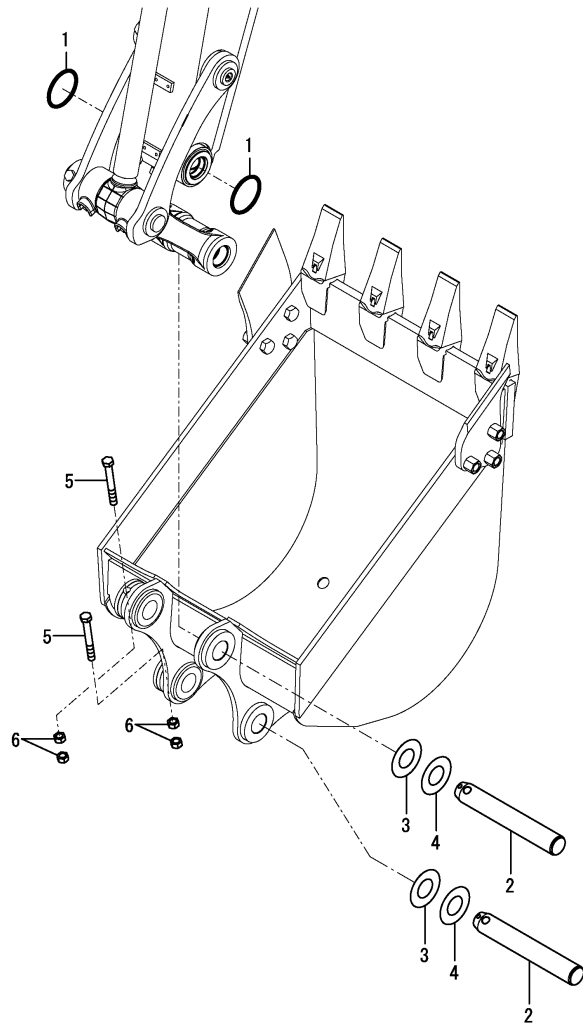
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-81400	PIN 50X301	2							
2	1	26076-161302	BOLT, 10.916X130	2							
3	1	26716-160002	NUT, M16	4							

Remarks

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

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

Fig.151. BUCKET PIN(WITHOUT QUICK COUPLER BODY SPEC.)



(A)=VIO82 C(AS)
(B)=
(C)=

(D)=
(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	172455-83340	PIN	2							
3	1	172162-83540	SHIM	2							
4	1	172162-83550	SHIM	2							
5	1	26076-161302	BOLT, 10.916X130	2							
6	1	26716-160002	NUT, M16	4							

Remarks

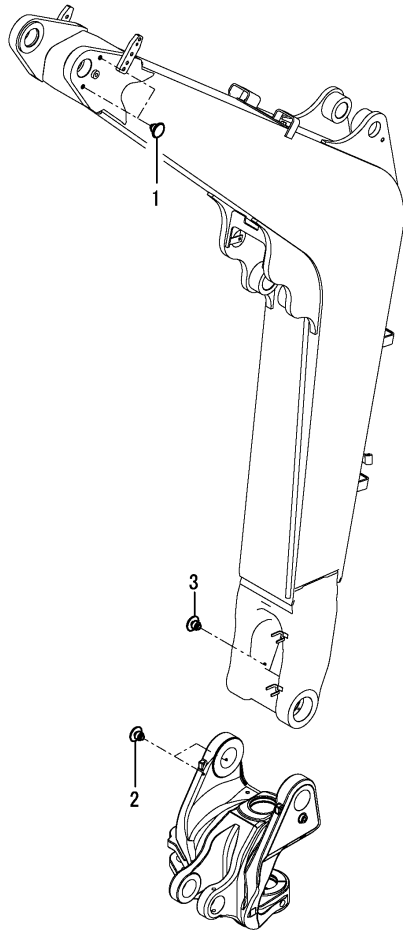
* This figure is not applied quick coupler specification made by YANMAR.

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

Fig.152. PLUG(IMPLEMENT)

(A)=VIO82 C(AS)
(B)=
(C)=

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

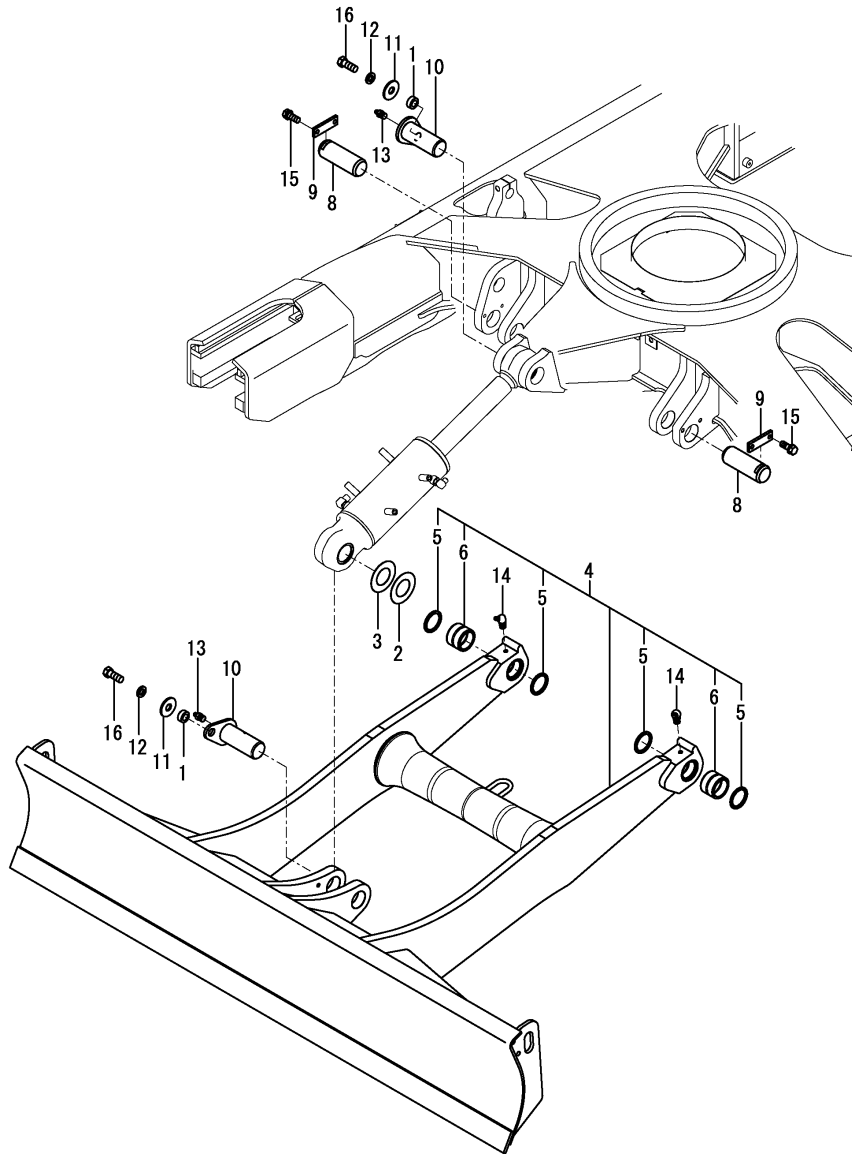


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-68210	CLIP, TREE	2							
2	1	172176-68210	CLIP, TREE	2							
3	1	172183-81160	CLIP, TREE	1							

Fig.153. BLADE

(A)=VIO82 C(AS)
(B)=
(C)=

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

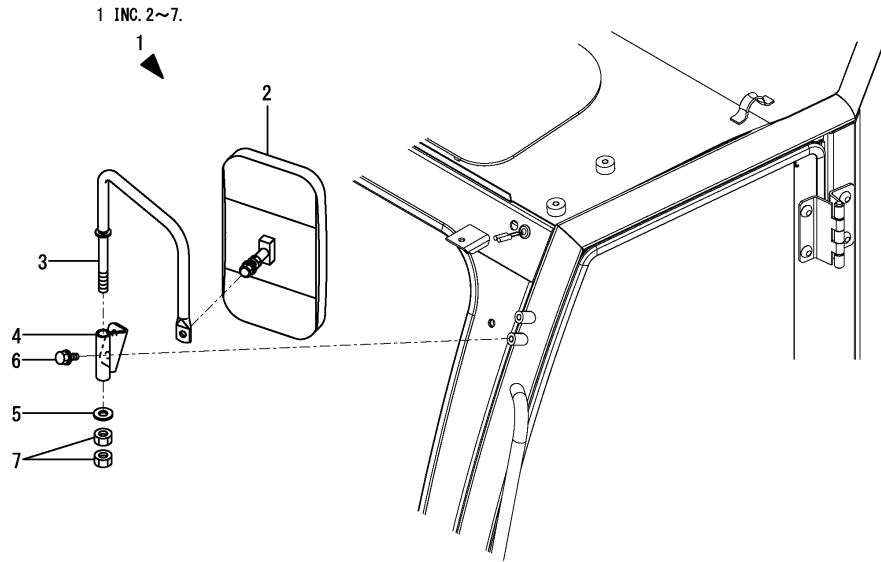


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2							
2	1	172175-81700	SHIM	1							
3	1	172175-81710	SHIM	1							
4	1	172A89-94100	BLADE ASSY (49)	1							
5	2	172020-10620	SEAL, DUST	4							
6	2	172162-81060	BUSH	2							
8	1	172162-94270	PIN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

Fig.154. SIDE MIRROR(LEFT)(OPTIONAL)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

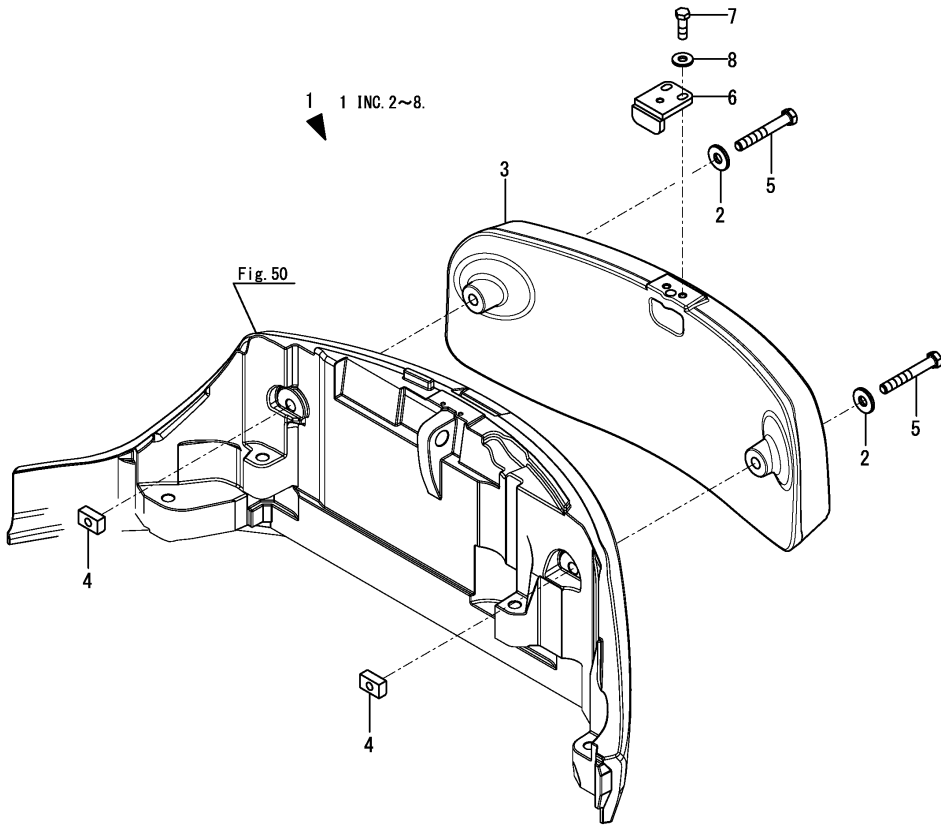


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B12-06700	MIRROR KIT, SIDE L	1							
2	2	1W3855-50160	MIRROR ASSY, BACK	1							
3	2	172B12-68500	STAY ASSY, MIRROR L	1							
4	2	172B12-68550	BRACKET ASSY, MIRROR	1							
5	2	22137-140000	WASHER, 14	1							
6	2	26014-100202	BOLT, M10X 20	2							
7	2	26736-140002	NUT, M14	2							

Fig.155. ADDITIONAL WEIGHT KIT(OPTIONAL)

(A)=VIO82 C(AS)
(B)=
(C)=

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

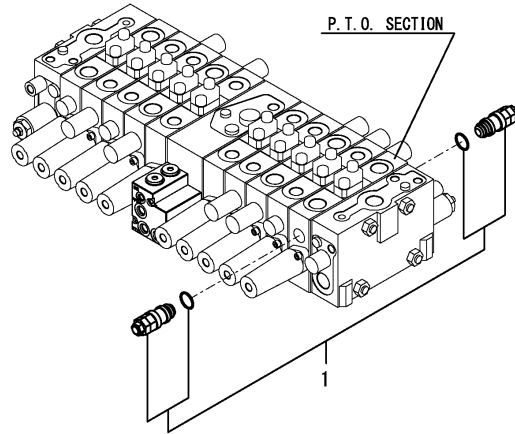


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-08900	WEIGHT SET	1							
2	2	172187-53321	WASHER	2							
3	2	172A89-53320	WEIGHT, ADD	1							
4	2	172A46-53360	NUT	2							
5	2	172A48-53371	BOLT	2							
6	2	172A48-53380	BRACKET ASSY, WEIGHT	1							
7	2	26116-160502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

Fig.156. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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

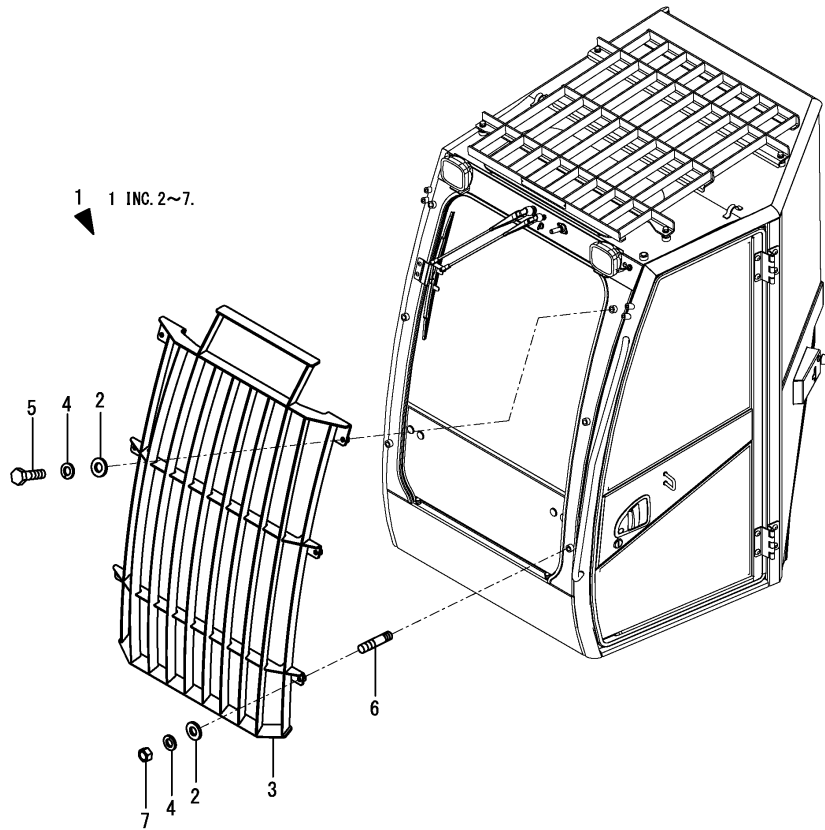


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B27-08590	VALVE ASSY,PTO OL15	1							

Fig.157. GUARD KIT(CABIN)(FRONT)(OPTIONAL)

(A)=VIO82 C(AS)
 (B)=
 (C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-66950	GUARD KIT,CAB FRONT	1							
2	2	194145-04810	WASHER, 10	6							
3	2	172B11-68650	GUARD ASSY, CAB	1							
4	2	22217-100000	WASHER, SPRING 10	6							
5	2	26076-100402	BOLT, 10.910X 40	4							
6	2	26216-100402	STUD, M10X 40	2							
7	2	26716-100002	NUT, M10	2							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
106990-44660	13	29
	14	21
114110-07761	1	20
119140-12680	7	7
119160-12530	7	2
119160-12540	7	3
119160-12560	7	4
119160-12570	7	5
121250-49121	10	3
121256-44600	12	8
121450-44531	12	3
121470-44581	12	5
124450-44550	12	7
124450-44560	12	4
124766-59050	6	8
	10	32
	13	30
128300-77920	74	24
129107-44590	10	8
129242-55740	14	31
129466-96240	29	24
129612-12650	7	6
129612-52100	14	22
129927-44900	115	10
129927-77900	20	31
129927-77910	20	32
129A00-55720	14	29
129A00-55730	14	30
129A00-55740	14	32
129A00-55751	14	26
129A00-55760	14	27
129A00-55770	14	33
129E00-55710	14	25
129E22-55700	14	24
171064-44510	12	1
172020-10620	153	5
172110-76170	135	3
		4
	136	1
172112-16201	17	2
172112-16650	9	16
172112-74971	115	5
172112-75770	115	7
172112-75780	115	8
172112-77361	93	31
	116	40
	117	31
	118	29
	121	33
	123	30

Parts No.	Fig. No.	Ref. No.
172112-77580	143	2
172122-17190	64	1
	90	1
172122-55061	14	23
172122-70260	99	24
172122-70410	99	26
172122-70530	99	28
172122-79890	7	11
	127	30
	137	24
172122-79930	119	21
172123-76121	105	24
	107	4
	108	11
	109	4
	112	20
	113	35
	114	21
	118	11
	121	3
	124	12
		13
		14
	125	1
	128	2
	129	5
172124-17640	29	4
172124-46200	45	6
	148	2
172124-65480	68	18
172124-70380	99	43
172125-03951	2	15
172125-76900-2	134	9
172126-11510	20	1
		2
	26	6
	29	1
	31	1
	34	1
	119	1
	122	1
	133	1
	135	17
	136	8
		10
	137	1
	139	1
	141	1
172126-16540	15	13
	31	3

Parts No.	Fig. No.	Ref. No.
172137-13400	13	2
172137-14282	9	14
172137-16560	9	15
	14	20
	15	14
	21	1
	24	2
	29	2
		3
	122	2
	142	1
172137-46042	9	17
172137-46210	28	18
172137-69850	27	14
	33	30
	63	7
	86	7
172137-76100	104	21
172137-76110	121	2
172137-76580	135	5
	136	3
172141-17150	27	2
172141-17211	24	5
172141-41370	45	3
172141-72250	97	2
172141-76181	105	25
172141-76220	121	12
		13
172141-76900	116	31
	121	30
	123	25
172142-62301	11	29
	55	19
172142-72260	97	3
172142-72951	97	19
172142-76100	118	6
172142-76240	124	22
	131	10
172142-76941	130	14
	132	8
172142-76951	130	16
172142-76951-N	116	34
172146-78150	11	30
172147-70500	99	27
172148-70301	99	25
172151-71630	97	12
172151-76050	104	20
172151-76161	94	40
	123	7
	128	3

Parts No.	Fig. No.	Ref. No.
172151-76200	124	19
172155-11120	121	1
172155-45790	92	1
	145	1
	146	2
	153	1
172156-65690	67	11
172157-58830	104	3
172157-76300	101	5
	123	19
172162-14200	13	24
172162-15310	69	3
172162-17400	24	4
172162-37810	36	15
172162-57660	52	5
172162-61330	64	10
172162-61500	57	1
172162-61770	92	2
172162-62540	33	27
172162-70150	99	19
172162-70290	99	3
172162-70310	99	4
172162-70320	99	5
172162-70590	99	29
172162-70820	99	31
172162-73700	115	2
172162-76181	110	13
	124	16
172162-76320	121	17
172162-81060	153	6
172162-81430	145	5
172162-82280	146	7
172162-82350	146	8
172162-82360	148	4
	151	1
172162-83540	151	3
172162-83550	151	4
172162-83580	145	14
172162-83600	145	15
172162-83610	145	16
172162-94270	153	8
172162-94280-3	95	37
	153	9
172164-16370	17	3
172164-37120	38	3
172164-66800	11	27
172164-76330	124	23
		24
172164-81670	146	9
172165-13220	9	11

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Parts No.	Fig. No.	Ref. No.
172165-47550	45	12
172165-47980	45	13
172165-47990	45	14
172165-76380	131	11
172165-76590	113	39
172165-82520	146	13
	147	11
172165-82530	146	14
	147	12
172168-54760	147	7
172168-76162	128	6
	129	6
172168-76170	127	3
172171-65820	69	7
172173-76102	104	24
	105	22
	108	9
	111	11
	118	7
	129	3
172175-72480	97	4
172175-76590-Y	134	7
172175-81700	95	32
	146	10
	147	1
	153	2
172175-81710	95	33
	146	11
	147	2
	153	3
172176-67150	55	24
172176-68210	152	1
		2
172176-76210	123	11
172176-76582-Y	132	4
172176-81700	92	37
172176-81710	92	38
172183-03280	3	27
172183-74822-Y	134	1
172183-76200	114	22
	118	21
	124	20
172183-81160	117	33
	152	3
172186-14150	13	22
172186-76390	127	12
	133	2
172186-76410	118	27
172187-03941	1	19
172187-14510	13	28

Parts No.	Fig. No.	Ref. No.
172187-16600	15	15
172187-18410	29	22
172187-37700-3	36	14
172187-45651	46	1
172187-45720-2	46	2
172187-45760	46	3
172187-45870	42	3
172187-45880	42	4
172187-50801-3	49	1
172187-50811-3	49	2
172187-53321	50	8
	155	2
172187-54760	51	4
172187-61500-3	57	2
172187-63160	62	1
172187-64900	28	19
172187-65210	68	13
172187-65270	68	15
172187-66140	64	27
172187-71210	89	4
172187-72910-N	92	35
172187-75340-2	115	13
172187-75500	115	17
172187-76131	121	4
172187-76170	118	17
172187-76180	127	4
172187-76200	129	9
172187-76520	130	11
172187-76570-Y	132	3
172187-76690-Y	132	5
172187-76940	130	15
172187-78100	127	34
	134	12
172187-78201	129	17
172187-78211	129	18
172187-79250	132	17
172187-81710	146	6
172187-81801	92	39
172187-81840	145	7
172187-81861	146	12
172187-81970	95	34
	145	10
172187-82330	144	5
172187-82340	145	12
172187-82370	95	35
172187-82400	144	6
172187-82410	144	7
172187-82420	144	8
172187-82430	145	13
172187-83040	147	10

Parts No.	Fig. No.	Ref. No.
172187-94300	153	10
172312-74780	99	51
172422-76140	106	27
	108	12
	118	16
	124	15
172422-78760	131	14
172423-73370	99	16
172423-76120	100	3
172437-03252	3	25
172437-03302	3	6
172437-03312	3	7
172437-03322	2	10
172437-03343	3	8
172437-03352	1	8
172437-03361	2	13
172437-03372	3	9
172437-03391	1	10
172437-03402	1	12
172437-03432	3	12
172437-03441	3	13
172437-03451	3	14
172437-03471	3	15
172437-03501	1	16
172437-03511	1	17
172437-03551	3	16
172437-03601	3	3
172437-03610	2	2
172437-03620	2	3
172437-74711	104	5
172437-74720	104	6
172437-74732	104	7
172437-79400	137	16
172441-44320	47	1
172441-74030	112	3
		12
172441-74040	112	4
		13
172444-13210	10	1
172444-13220	10	2
172444-14271	13	27
172444-17620	64	6
172444-17660	146	1
172444-61320	31	10
172444-65190	68	12
172445-68650	20	30
172445-81990	145	11
172446-14250	14	2
172447-13550	31	2
172447-14160	13	12

Parts No.	Fig. No.	Ref. No.
172447-76210	124	21
172448-54120	146	4
	147	6
172450-73360	99	15
172450-73370	99	17
172450-73380	99	22
172455-29140	35	2
172455-29150	35	3
172455-37160	36	8
172455-37170	36	9
172455-37180	36	10
172455-38601	41	1
172455-46890	45	11
172455-53331	50	9
172455-61580	33	22
172455-61720	148	3
172455-67350	75	2
172455-67770	78	9
172455-67940	77	2
172455-69270	83	13
172455-69550	80	29
172455-69560	74	23
	80	30
172455-69710	83	14
172455-75290	115	19
172455-75300	115	20
172455-76220	112	21
172455-77140	116	21
	117	21
	158	38
	159	42
	160	24
172455-77150	113	29
	160	25
172455-78430	137	3
172455-82360	147	8
172455-82380-Y	147	3
172455-82391-Y	147	4
172455-83340	151	2
172455-83350	147	13
172455-83360	147	14
172456-13470	20	17
172456-53700	50	10
172458-03240	4	4
172458-14203	13	13
172458-17700	33	2
172458-18850	64	8
172458-50480-2	48	2
172458-61500	10	19
172458-61510	10	20

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Parts No.	Fig. No.	Ref. No.
172458-62430	27	11
	33	28
	63	1
	86	1
172458-63730	75	1
	80	2
	83	2
172458-63950	78	2
	79	2
	83	3
172458-63960	78	3
	83	4
172458-64140	33	23
172458-65050	68	2
172458-65060	68	3
172458-76150	108	13
	109	5
	110	11
172458-83650	146	15
172460-73320	71	9
	98	83
172460-76570	118	25
		28
172462-03320	2	11
172463-03281	3	2
172463-03290	2	9
172463-69150	79	4
	80	6
172463-69240	80	9
172463-69270	74	22
172463-74530	112	5
		14
172463-74540	112	6
		15
172463-74551	112	7
		16
172463-74561	112	8
		17
172463-74570	112	9
		18
172467-76120	131	7
172472-03141	1	7
172472-03230	4	3
172472-03241	4	5
172472-03261	4	6
172472-03290	28	3
172472-03300	28	4
172472-03330	4	7
172478-17202	21	3
	23	1

Parts No.	Fig. No.	Ref. No.
172478-37101	36	3
172478-37122	36	5
172478-37141	36	6
172478-37151	36	7
172479-73420	98	31
172479-73470	98	38
172479-73480	98	10
		40
172479-73590	98	59
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41851-000110	124	18
		28
		29
		30
		31
		32
	125	3
	128	9
	129	4
		12
41851-000140	106	34
	118	39
		40
		8
		32
		8
		10
		11
	129	13
		14
		15
41851-000180	93	32
	100	5
	116	49
	117	39
	118	26
		41
	121	36
	123	33
		34
	129	16
41851-000240	93	30
	118	42
	123	4
		6
		16
		35
		36
		39
	124	33
	125	4
	131	17
772478-37101-2	36	2
772478-37120-1	36	1
772A69-14100	13	1
772B36-75100	115	1
933147-03400	92	49
933147-08501	155	8
933160-01370	123	37
933168-14170	92	50

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Parts No.	Fig. No.	Ref. No.
933168-55770	77	9
933171-13691	36	13
	37	12
933172-14120	72	9

Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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