

YANMAR 굴삭기

ViO82

PARTS CATALOG



0CK50-M01331EN

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2. Depending on the specifications of your product, the actual product and parts catalog may not match.
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4. When ordering spare parts, please confirm the specifications (model name, serial number, part number, quantity, etc.) and confirm with your distributors or dealers.
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6. If you are using a booklet or PDF parts catalog, you must verify the latest information via the online parts catalog.

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P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI082 for Australia & Korea.

(M/# 00501~)

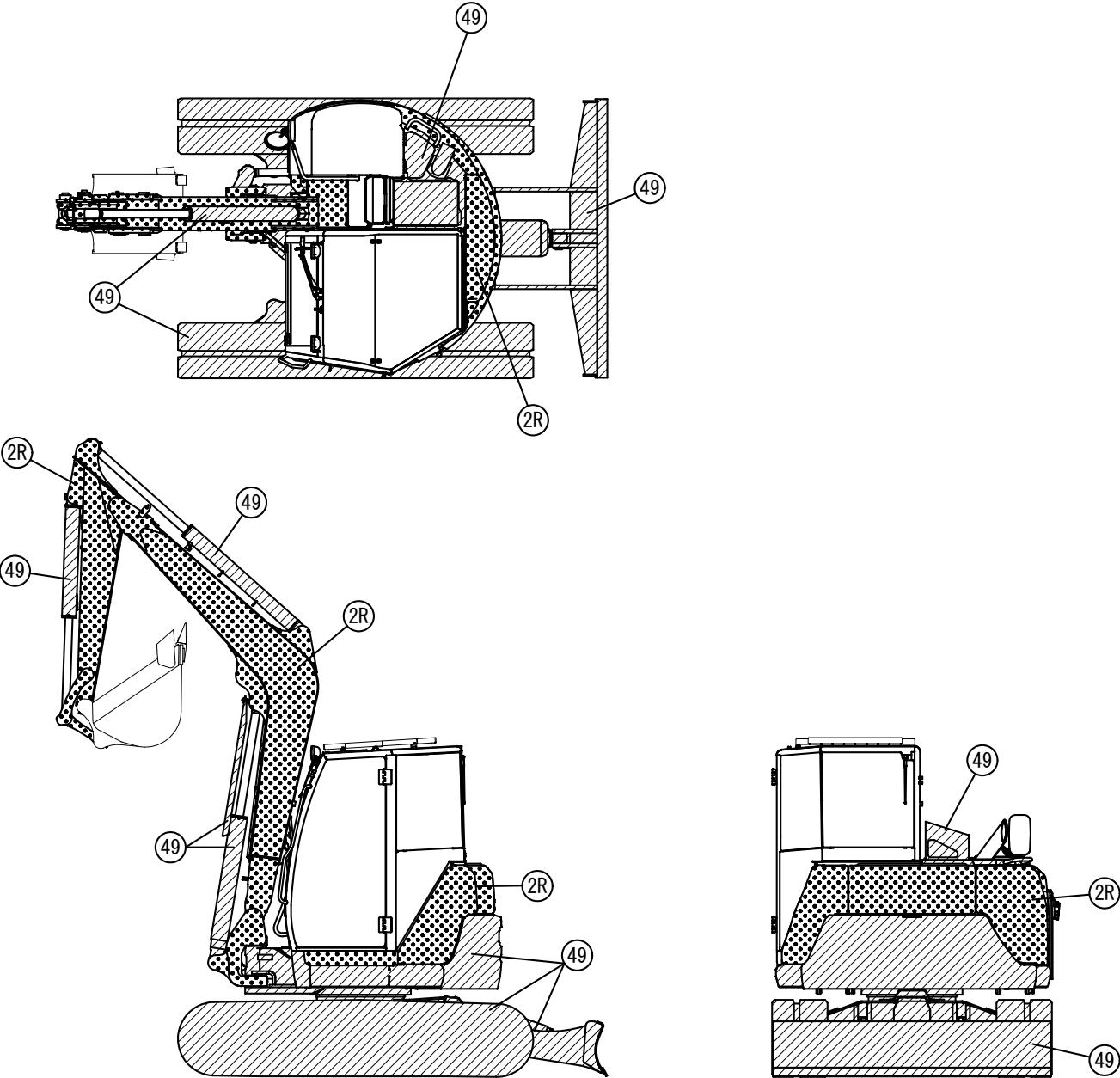
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI082 (AS)	Oct. , 2017	Disuse old edition
	Engine	4TNV98C-WBV1		
1st revised	Vehicle	VI082 (AS, KR)	Jul. , 2019	
	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.

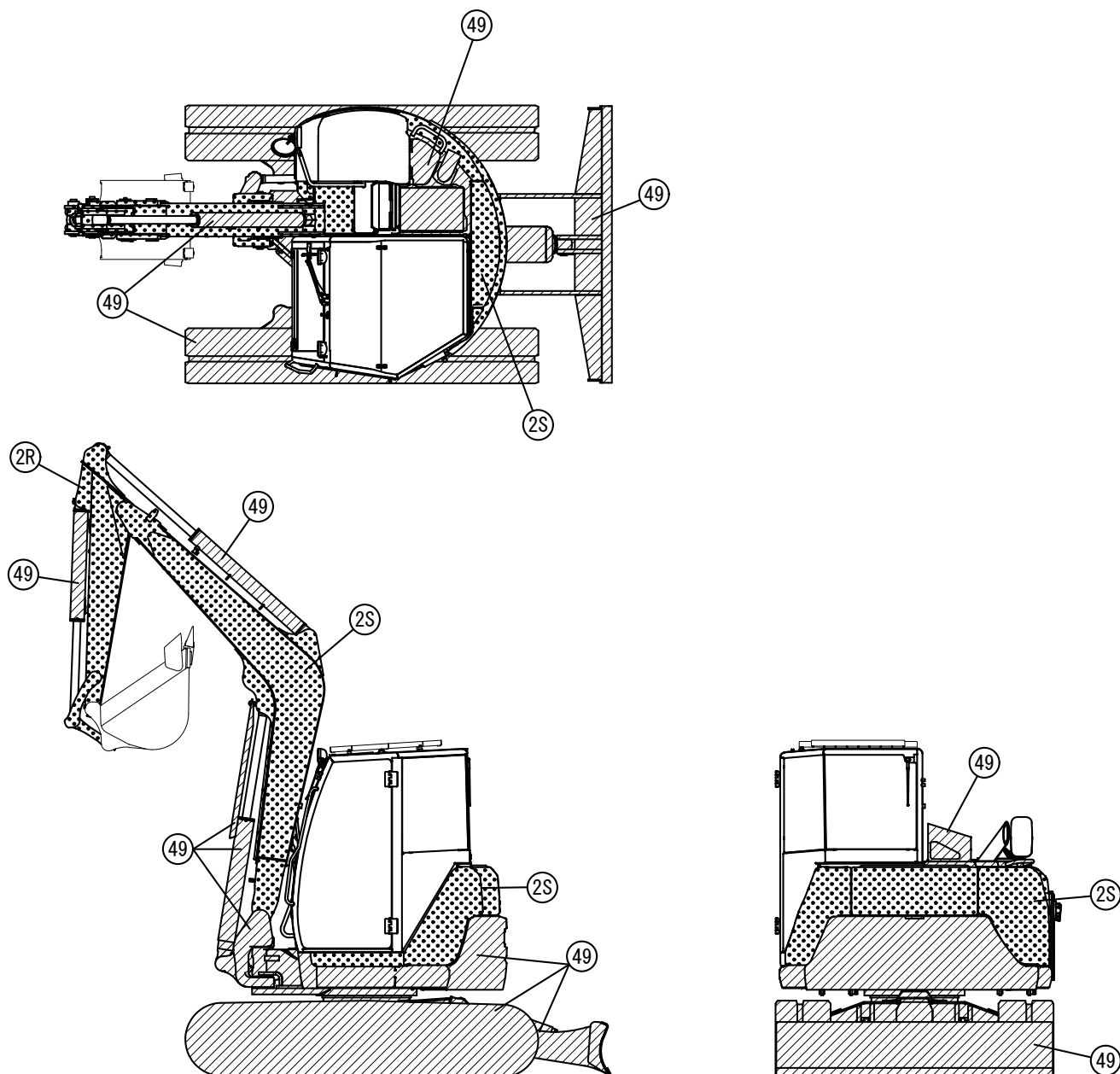
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR



Color Code	Desc-ription	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

VEHICLE PAINTED COLOR(PREMIUM RED SPEC.)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2S		YANMAR Premium Red	-----	TOR-912S0000	TOR-948002S0
49		YANMAR Navy Gray	-----	TOR-91390001	TOR-94800491

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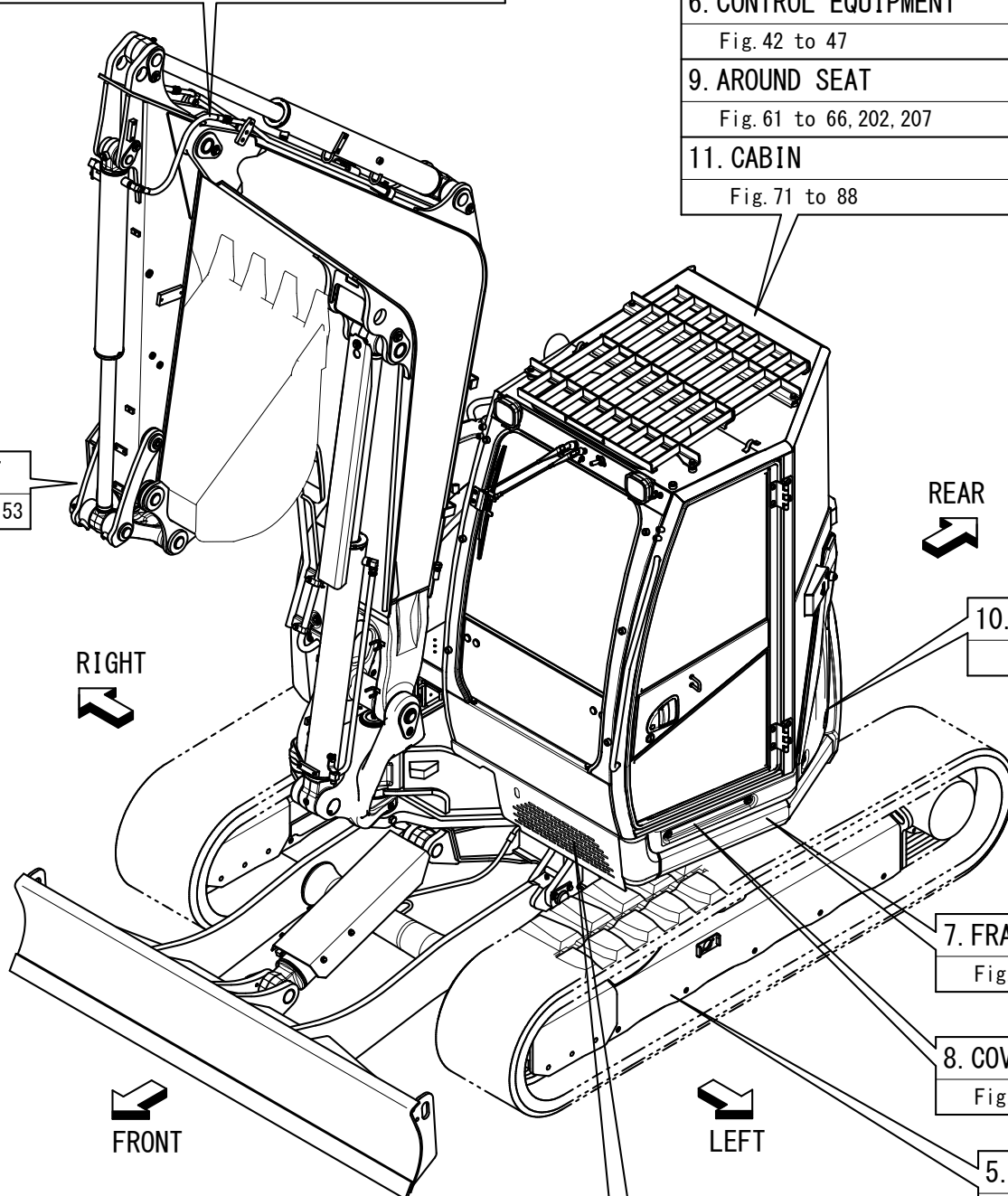
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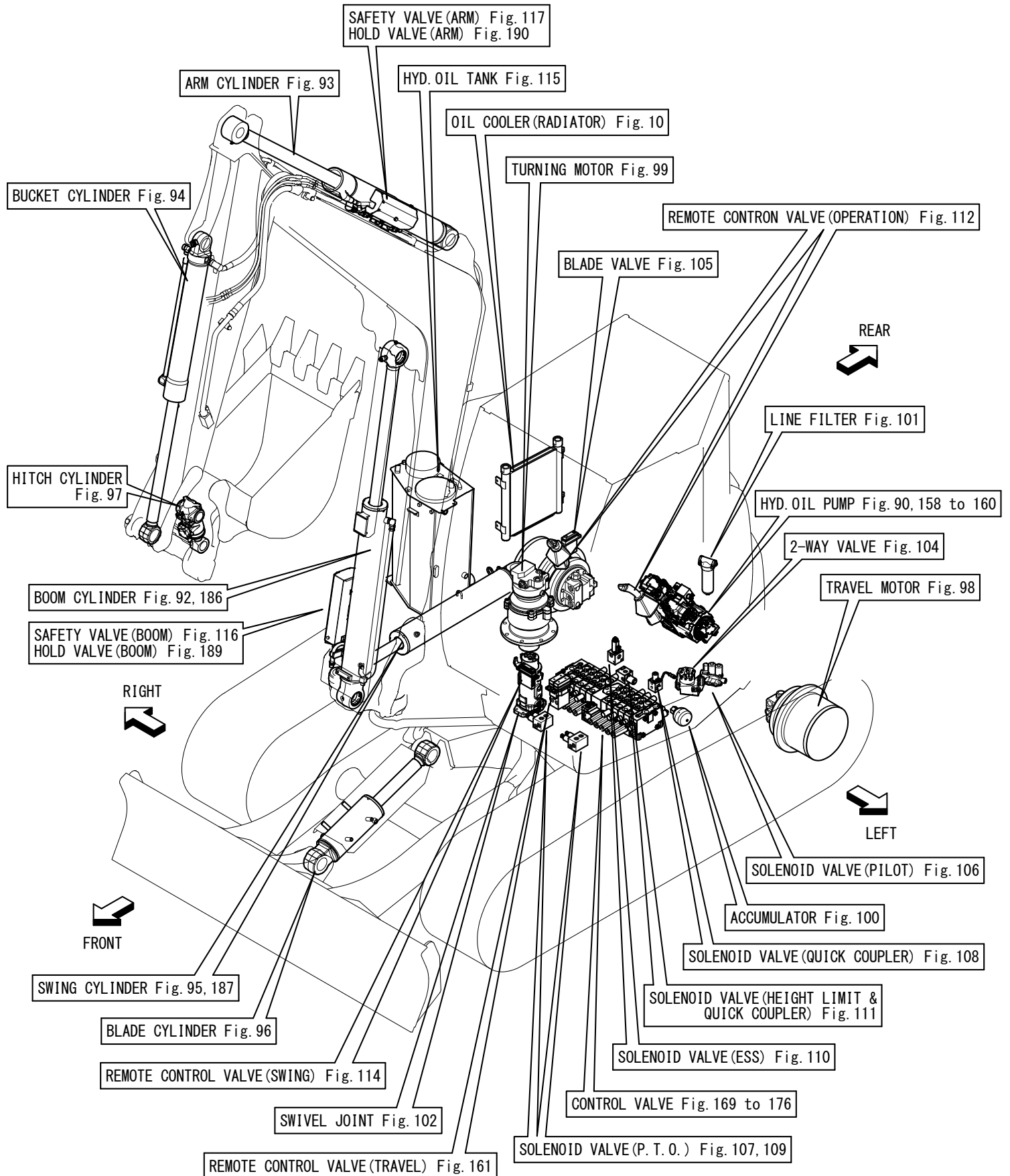
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- 73. CABIN(ASSEMBLY)
- 74. CABIN(ACCESSORY)(1)
- 75. CABIN(ACCESSORY)(2)
- 76. CABIN(ACCESSORY)(3)
- 77. CABIN(ELECTRIC PARTS)
- 78. CABIN(GLASS)
- 79. CABIN(FRONT WINDOW)(1)
- 80. CABIN(FRONT WINDOW)(2)
- 81. CABIN(WIPER & WINDOW WASHER)
- 82. CABIN(RADIO)
- 83. CABIN DOOR
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- 85. REARVIEW MIRROR
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- 88. POWER SUPPLY SOCKET

Fig. No. Fig. Name

HYDRAULIC OIL EQUIPMENT

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- 90. HYDRAULIC PUMP
- 158. (90A)HYDRAULIC PUMP(INNER PARTS)(1)
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- 95. SWING CYLINDER(K SPEC.)
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- 96. BLADE CYLINDER
- 97. HITCH CYLINDER
- 98. TRAVEL MOTOR
- 99. TURNING MOTOR
- 100. ACCUMULATOR
- 101. LINE FILTER(TO M00752)
- 195. (101A)LINE FILTER(FROM M00753)
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- 174. (102F)CONTROL VALVE(6/8)
- 175. (102G)CONTROL VALVE(7/8)
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- 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)
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HYDRAULIC OIL PIPING

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Fig. No. Fig. Name

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- 120. TANK - PUMP & SWING CYLINDER
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- 122. CONTROL VALVE - TURNING MOTOR
- 123. CONTROL VALVE(FITTING)(1)
- 177. (123A)CONTROL VALVE(FITTING)(2)
- 125. CONTROL VALVE(FITTING)(P.T.O. 2)
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- 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
- 191. (136A)HOLD VALVE
- 178. (136B)CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE) (P.T.O.)
- 138. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)
- 139. CONTROL PIPING(2-WAY VALVE - REMOTE CONTROL VALVE)
- 192. (139A)CONTROL PIPING(CONTROL VALVE - PIPING BRACKET)
- 193. (139B)CONTROL PIPING(PIPING BRACKET - REMOTE CONTROL VALVE)
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- 142. GREASING(TURNING FRAME)
- 143. GREASING(BOOM)

Fig. No. Fig. Name

- 206. REMOTE CONTROLLER KIT(3.0G)(OPTIONAL)

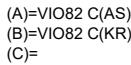
IMPLEMENT

- 144. BOOM BRACKET
- 145. BOOM
- 146. ARM
- 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

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- 155. ADDITIONAL WEIGHT KIT(OPTIONAL)
- 156. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)
- 157. GUARD KIT(CABIN)(FRONT)(OPTIONAL)
- 197. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)
- 200. P.T.O. OVER LOAD VALVE KIT(29MPa)(OPTIONAL)
- 203. REMODEL KIT(SPOOL IMPROVEMENT)(TO M00594)
- 205. REMOTE CONTROLLER KIT(3.0G)(READY SPEC.)(OPTIONAL)

Fig.1. LABEL(EXTERIOR)



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

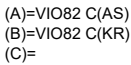
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08240	LABEL SET,OUT E 82	1	1						
2	2	172B36-03401	LABEL,VIPPS 2I	1	1						
3	2	172B11-03260	LABEL,WEIGHT	1	1						
4	2	172B36-03470	LABEL,MODEL VIO82 R	1	1						
5	2	172B36-03480	LABEL,MODEL VIO82 L	1	1						
6	2	172A86-03840	LABEL, YANMAR 800 B	1	1						
7	2	172472-03141	LABEL, SUPPORT	1	1						
8	2	172437-03352	LABEL, GREASE CYL US	2	2						
9	2	172A64-03380	LABEL, SWING AREA US	1	1						
10	2	172437-03391	LABEL, RADIATOR	1	1						
11	2	172B03-03390	LABEL, SILENCER EX	1	1						
12	2	172437-03402	LABEL, ENGINE COVER	2	2						
13	2	172A36-03411	LABEL, ENGINE ROOM	1	1						
14	2	172A36-03411	LABEL, ENGINE ROOM	1	1						
15	2	172B03-03460	LABEL, GREASE US	1	1						
16	2	172437-03501	LABEL, FUEL US	1	1						
17	2	172437-03511	LABEL, LIFTING	3	3						
17-1	2	172437-03511	LABEL, LIFTING	1	1						K
17-2	(A=M00684)	(B=M00684)									
	2	172437-03512	LABEL,LIFTING	1	1						N
	(A=M00968)	(B=M00968)									
18	2	172A86-03840	LABEL, YANMAR 800 B	2	2						
18A	2	172B03-03930	LABEL,TIE-DOWN	2	2						W
	(A=M00684)	(B=M00684)									
19	2	172187-03941	LABEL, BOOM US	2	2						
19A	2	172B03-03940	LABEL,LIFTING & TIE	2	2						W
	(A=M00684)	(B=M00684)									
20	2	114110-07761	LABEL, FUEL CAUTION	1	1						
21	2	172B04-03980	LABEL, REFLECTOR M	2	2						
22	1	172B36-03100	EMBLEM ASSY, FY L5 Y	1	1						

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

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Fig.198. (1A)LABEL(EXTERIOR)(PREMIUM RED SPEC.)



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

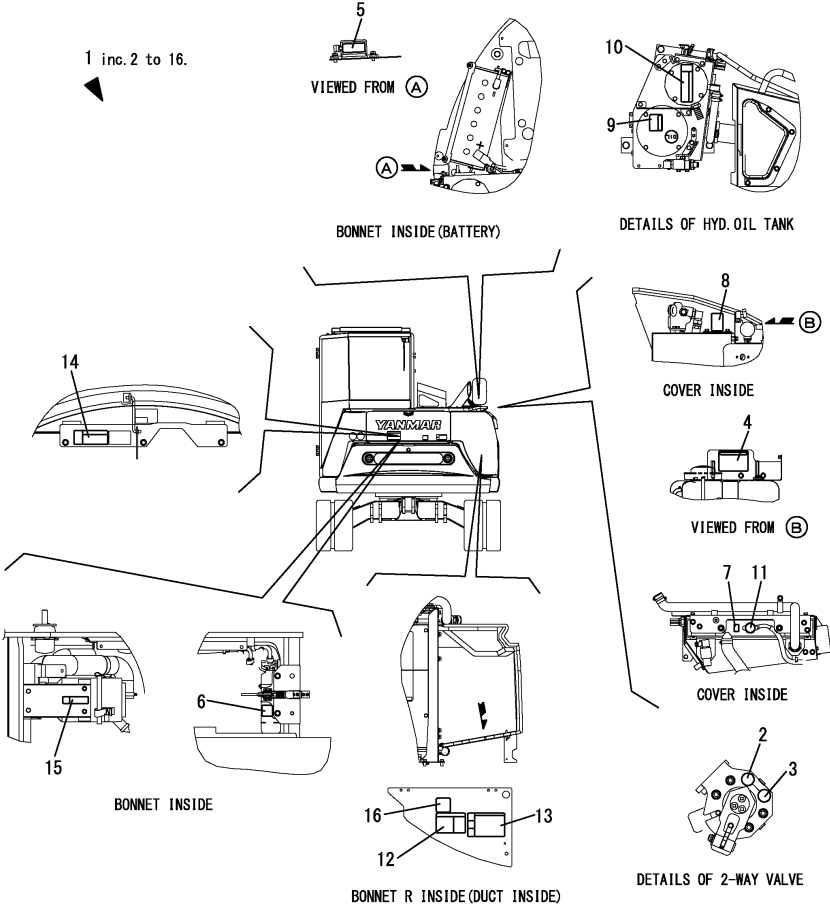
[illegible]

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

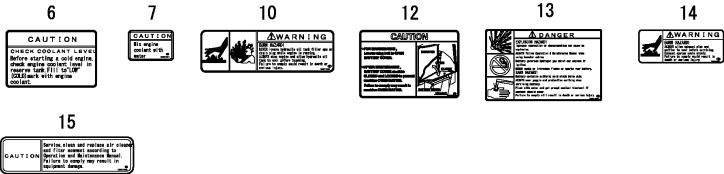
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(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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



SAFETY LABEL



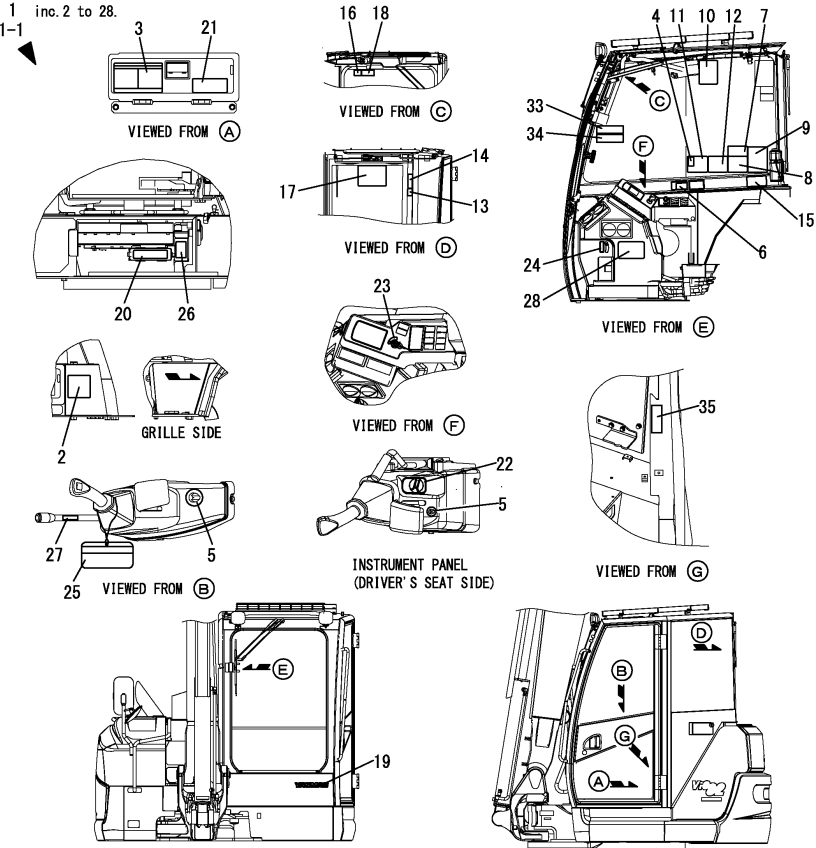
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08220	LABEL SET,IN E	1	1						
2	2	172437-03610	LABEL, STANDARD US	1							1
3	2	172437-03620	LABEL, OPTION US	1							1
4	2	172A69-03130	LABEL, GREASING US	1	1						
5	2	172B36-03170	LABEL, FUSE	1	1						
6	2	172A38-03201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

Remarks
(1)2-Way specification.
(2)Battery cut switch specification.

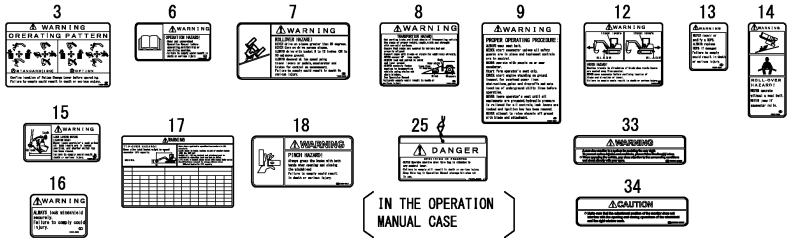
Fig.3. LABEL(CABIN)

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

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



SAFETY LABEL

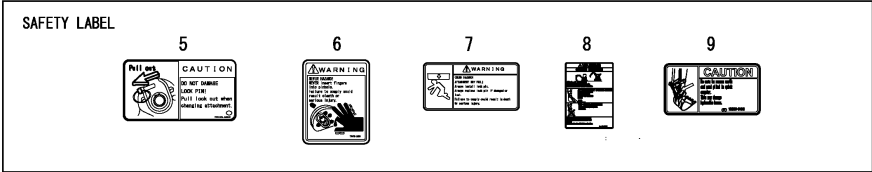
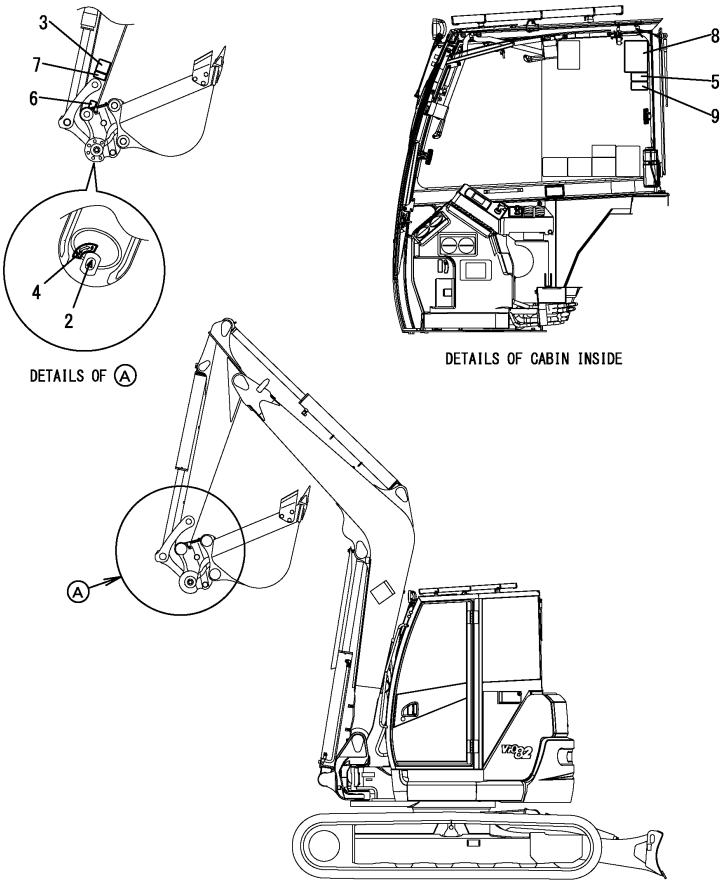


Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.
(1)Rubber crawler specification.
(2)2-Way specification.
(3)Back monitor specification.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08250	LABEL SET,CAB E 82	1	1						
1-1	1	172B36-08270	LABEL SET,CAB KR 82 (B=M01006)		1						S
2	2	172463-03281	LABEL,ADJUST CRAWLER	1	1						1
3	2	172437-03601	LABEL, 2WAY US	1							2
4	2	172B11-03410	LABEL, PTO	1	1						
5	2	172B11-03420	LABEL,PROPORTIONAL	2	2						
6	2	172437-03302	LABEL, MANUAL	1	1						
7	2	172437-03312	LABEL, SLOPE	1	1						
8	2	172437-03343	LABEL, TRANSPORT	1	1						
9	2	172437-03372	LABEL, NEUTRAL	1	1						
10	2	172B04-03370	LABEL, DPF EX	1	1						
11	2	172B11-03400	LABEL, OPERATION	1	1						
12	2	172437-03432	LABEL, STEERING	1	1						
13	2	172437-03441	LABEL, ROPS US	1	1						
14	2	172437-03451	LABEL, SEAT BELT	1	1						
15	2	172437-03471	LABEL, LEVER LOCK US	1	1						
16	2	172437-03551	LABEL, WINDOW US	1	1						
17	2	172B36-03890	LABEL, LIFT E 82	1	1						
17-1	2	172B36-03890	LABEL, LIFT E 82 (B=M01006)		1						Z
18	2	172B11-03970	LABEL, PINCH US	1	1						
19	2	172A86-03480	LABEL, YANMAR 280 W	1	1						
20	2	172B36-03140	LABEL,RELAY BOX	1	1						
21	2	172B36-03190	LABEL, SPEC E 82	1	1						
22	2	172A69-03220	LABEL, ACCELERATOR	1	1						
23	2	172B03-03220	LABEL, KEY SWITCH	1	1						
24	2	172B03-03240	LABEL, AIR SELECT	1	1						
25	2	172437-03252	TAG ASSY, CAUTION	1	1						
26	2	172B36-03260	LABEL,FUSE BOX E	1	1						
27	2	172183-03280	LABEL, LOCK	1	1						
28	2	172B36-03310	LABEL, FEED E	1	1						
33	1	172B11-04850	LABEL,WARNING BM US	1	1						W 3
		(A=M00993) (B=M00993)									
34	1	172B11-04860	LABEL,CAUTION BM US	1	1						W 3
		(A=M00993) (B=M00993)									
35	1	172B11-04870	LABEL, FUSE BM US	1	1						W 3
		(A=M00993) (B=M00993)									

Fig.4. LABEL(QUICK COUPLER)

1 inc. 2 to 9.



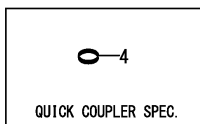
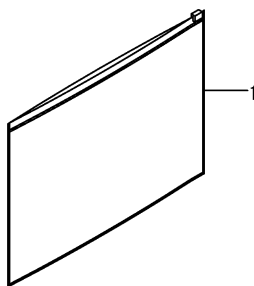
Remarks
* This figure is applied quick coupler specification made by YANMAR.

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

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

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

Fig.5. ACCESSORY



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

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

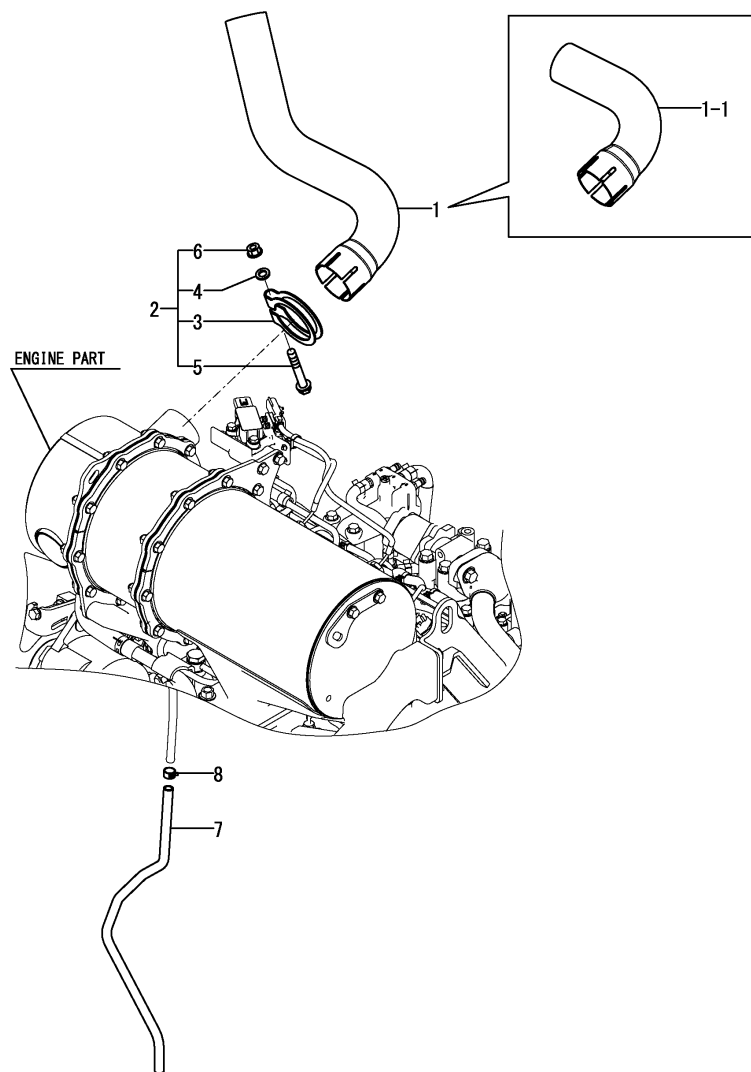
[illegible]

Remarks

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

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.6. SILENCER

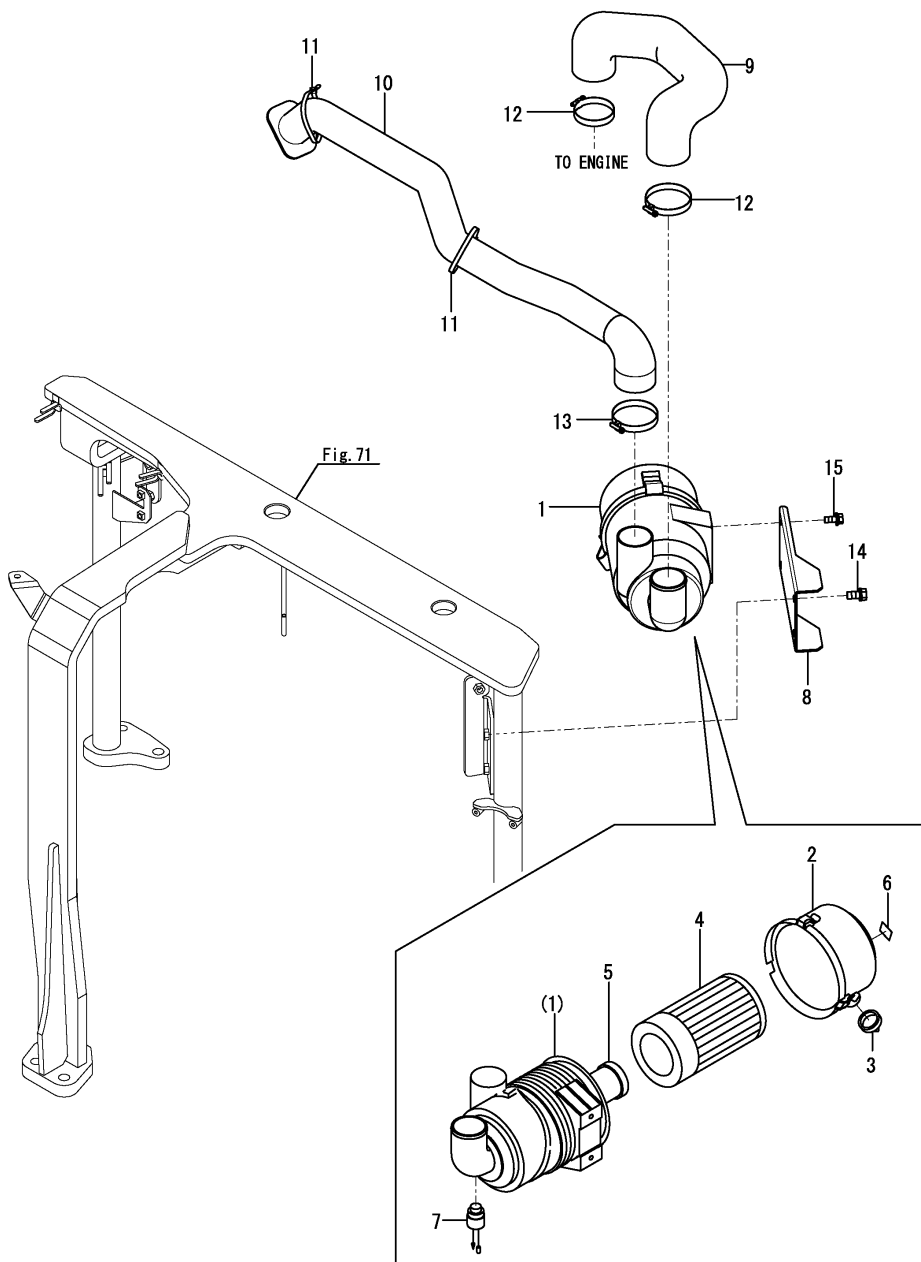


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
1-1	1	172B11-11302	PIPE,EXHAUST	1	1						S
		(A=M00652)	(B=M00652)								
2	1	172B11-11350	CLAMP ASSY, SILENCER	1	1						
3	2	172B11-11360	CLAMP	1	1						
4	2	22117-100000	WASHER, 10	1	1						
5	2	26106-100652	BOLT, M10X 65 PLATED	1	1						
6	2	26366-100002	NUT, M10	1	1						
7	1	172B11-11390	PIPE, DRAIN	1	1						
8	1	124766-59050	CLAMP, HOSE 11.5	1	1						

Fig.7. AIR CLEANER

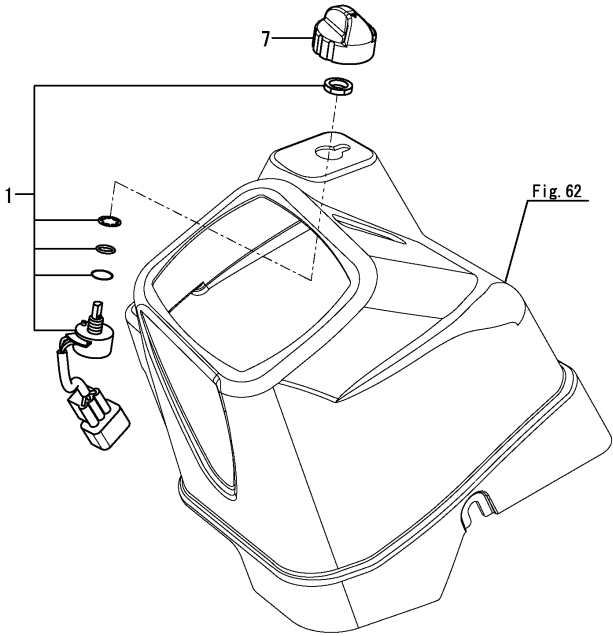


No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B11-11510	CLEANER ASSY, AIR	1	1				
2	2	119160-12530	COVER ASSY, CLEANER	1	1				
3	2	119160-12540	VALVE, VACUATOR	1	1				
4	2	119160-12560	ELEMENT, OUTER	1	1				
5	2	119160-12570	ELEMENT, INNER	1	1				
6	2	129612-12650	LABEL, MARKING	1	1				
7	2	119140-12680	INDICATOR, CLEANER	1	1				
8	1	172A69-11530	BRACKET, CLEANER	1	1				
9	1	172B11-11550	HOSE, AIR INTAKE A	1	1				
10	1	172B11-11560	HOSE ASSY, B	1	1				
11	1	172122-79890	CLAMP, HOSE 350	2	2				
12	1	23000-080000	CLAMP, 80	2	2				
13	1	23000-090000	CLAMP, 90	1	1				
14	1	26013-100202	BOLT, M10X 20	2	2				
15	1	26014-080202	BOLT, M8X 20	2	2				

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

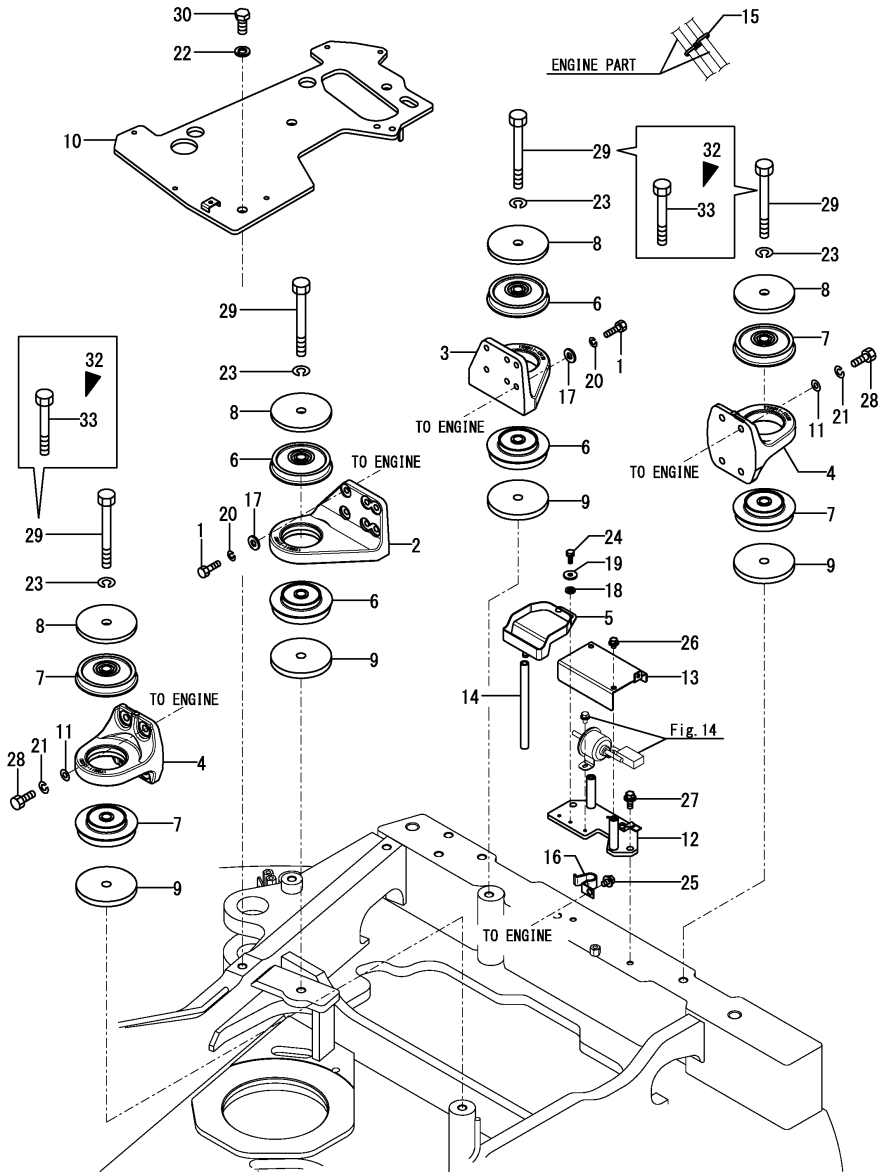
(D)=
(E)=
(F)=

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



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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A21-13100	BOLT, 10X35 11T	12	12						
2	1	172B11-13100	BRACKET, RR	1	1						
3	1	172B11-13110	BRACKET, RL	1	1						
4	1	172B11-13120	BRACKET, F	2	2						
5	1	172A89-13150	OIL PAN	1	1						
6	1	172B11-13150	MOUNT, ENGINE F	4	4						
7	1	172B11-13160	MOUNT, ENGINE R	4	4						
8	1	172B11-13170	STOPPER, 17X115X9	4	4						
9	1	172B36-13170	PLATE, D17/115XT12	4	4						
10	1	172B36-13200	PLATE ASSY, BASE	1	1						
11	1	172165-13220	WASHER	8	8						
12	1	172B36-13700	PLATE ASSY, B	1	1						
13	1	172B36-13720	COVER, PUMP FO	1	1						
14	1	172137-14282	HOSE, FUEL GAUGE	1	1						
15	1	172137-16560	BAND, BINDING W	1	1						
16	1	172112-16650	CLAMP	2	2						
17	1	172137-46042	SEAT, SPRING 10.5	12	12						
18	1	22117-060000	WASHER, 6	2	2						
19	1	22157-060000	WASHER, 6	2	2						
20	1	22217-100000	WASHER, SPRING 10	12	12						
21	1	22217-120000	WASHER, SPRING 12	8	8						
22	1	22217-160000	WASHER, SPRING 16	3	3						
23	1	22217-160000	WASHER, SPRING 16	4	4						
24	1	26013-060122	BOLT, M6X 12	2	2						
25	1	26013-100162	BOLT, M10X 16	2	2						
26	1	26014-080122	BOLT, M8X 12	2	2						
27	1	26014-100252	BOLT, M10X 25	2	2						
28	1	26076-120302	BOLT, 10.912X 30	8	8						
29	1	26076-161302	BOLT, 10.916X130	4	4						
30	1	26116-160352	BOLT, M16X 35 PLATED	3	3						
32	1	172B36-08420	REMODEL KIT, ENG BLT	1	1					W	1
		(A=M00501) (B=M00501)									
33	2	26076-161202	BOLT, 16 X 120	3	3					W	1
		(A=M00501) (B=M00501)									

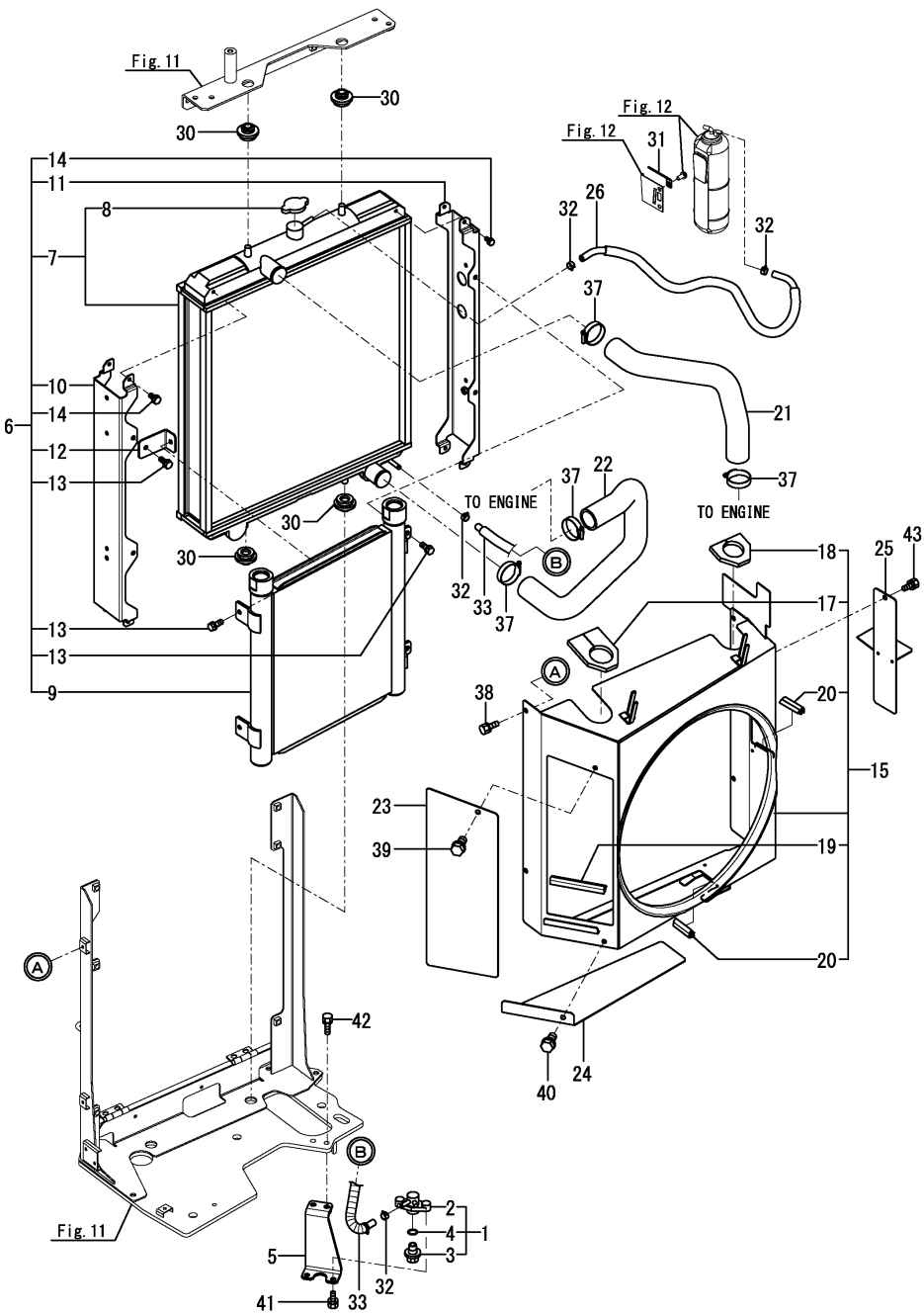
Remarks
(1)This parts is applied up from M00501 to M00699.

Fig.10. RADIATOR

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

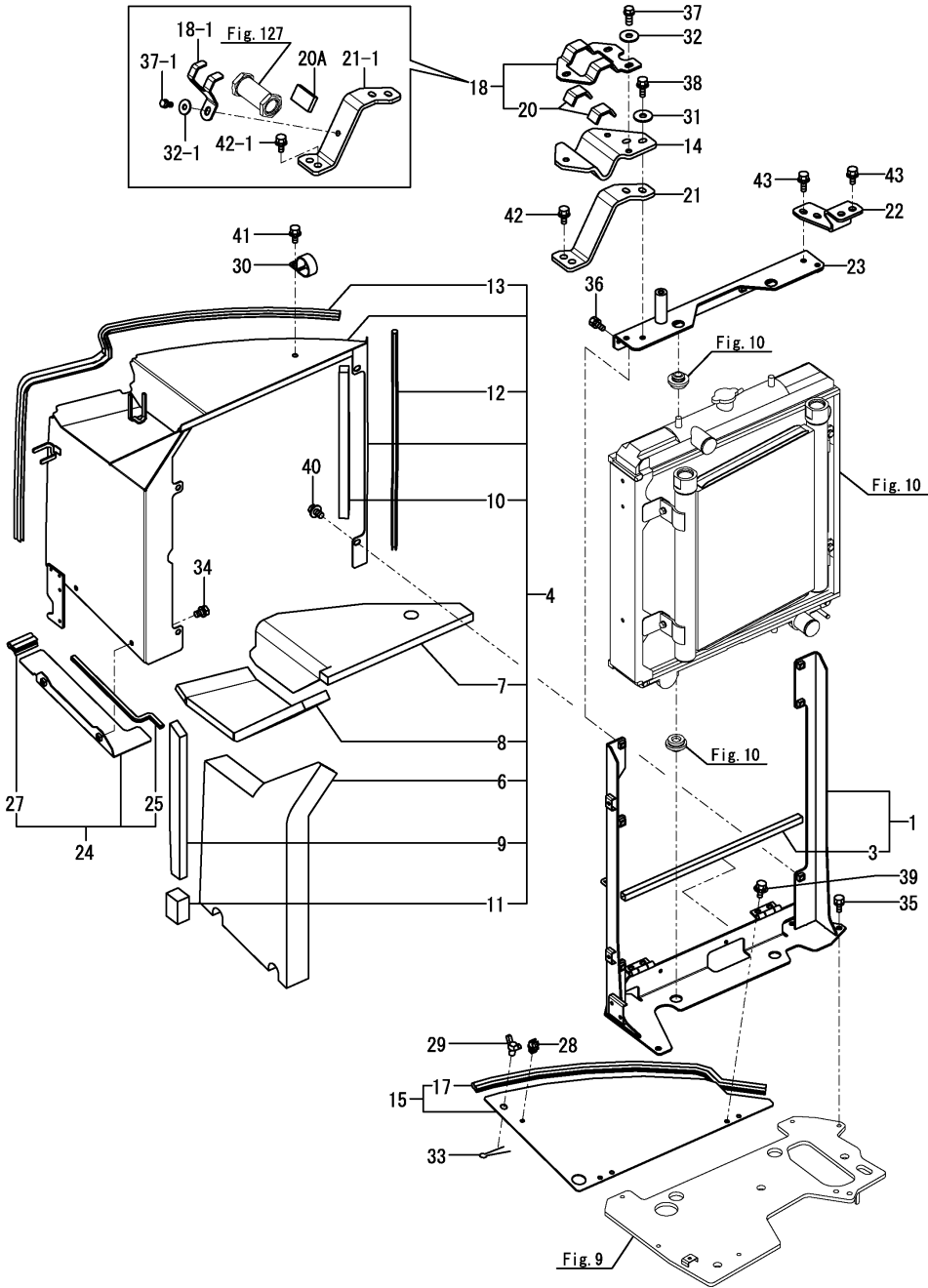
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2WAY	1	1						
2	2	172444-13220	BODY	1	1						
3	2	121250-49121	PLUG, DRAIN M16	1	1						
4	2	24311-000160	O-RING, 1AP16.0	1	1						
5	1	172A69-13230	PLATE ASSY, COCK	1	1						
6	1	172B36-13300	RADIATOR ASSY	1	1						
7	2	172B36-13310	RADIATOR ASSY, SUB	1	1						
8	3	129107-44590	CAP, RADIATOR	1	1						
9	2	172B11-13320	COOLER ASSY, OIL	1	1						
10	2	172B11-13330	SUPPORT ASSY	1	1						
11	2	172B11-13340	SUPPORT ASSY	1	1						
12	2	172B11-13350	BRACKET	2	2						
13	2	172A89-13360	BOLT, M8	6	6						
14	2	172A89-13370	BOLT, M6	8	8						
15	1	172B11-13500	SHROUD ASSY	1	1						
17	2	172A89-13550	PAD, SHROUD A	1	1						
18	2	172B11-13560	SPONGE, SEAL	1	1						
19	2	172458-61500	RUBBER, SEAL 120	1	1						
20	2	172458-61510	RUBBER, SEAL 55	2	2						
21	1	172B11-13570	HOSE, WATER A	1	1						
22	1	172B11-13580	HOSE, WATER B	1	1						
23	1	172A89-13800	COVER, SHROUD A	1	1						
24	1	172A89-13810	COVER, SHROUD B	1	1						
25	1	172A89-13820	COVER ASSY, SHROUD C	1	1						
26	1	172A46-14610	HOSE ASSY, FUEL 520	1	1						
30	1	184015-44680	RUBBER, RADIATOR	4	4						
31	1	1A1686-57850	CLAMP, 80	1	1						
32	1	124766-59050	CLAMP, HOSE 11.5	4	4						
33	1	184014-59450	PIPE ASSY, FUEL 550	1	1						
37	1	23001-048000	CLAMP, HOSE 48	4	4						
38	1	26013-080162	BOLT, M8X 16	4	4						
39	1	26013-080162	BOLT, M8X 16	1	1						
40	1	26013-080162	BOLT, M8X 16	1	1						
41	1	26013-080162	BOLT, M8X 16	2	2						
42	1	26013-100302	BOLT, M10X 30	2	2						
43	1	26014-080162	BOLT, M8X 16	1	1						

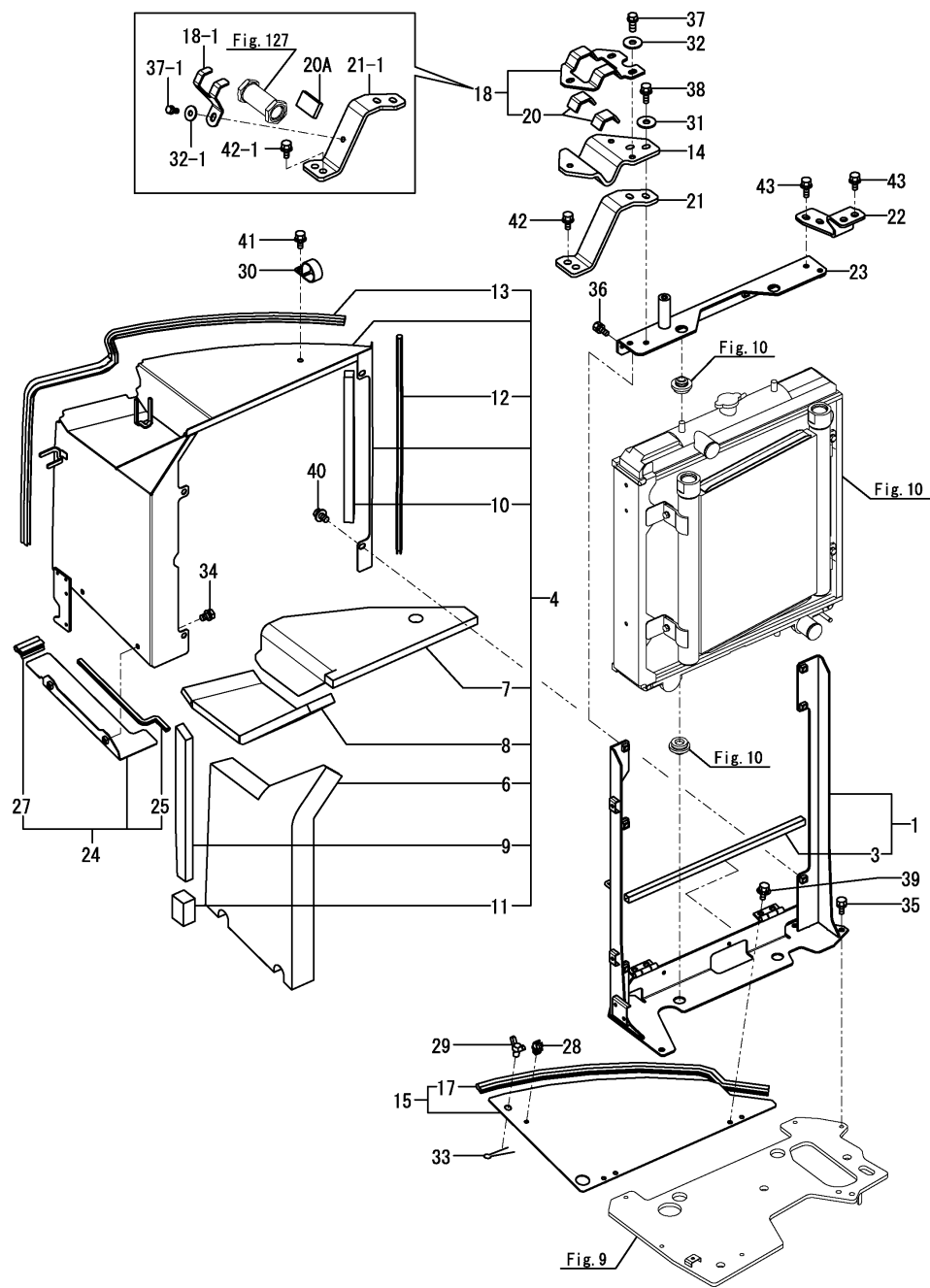


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-13400	BRACKET ASSY	1	1						
3	2	172499-13750	SEAL, DUCT A	1	1						
4	1	172B11-13600	DUCT ASSY, RADIATOR	1	1						
6	2	172B11-13700	SPONGE, DUCT A	1	1						
7	2	172B11-13710	SPONGE, DUCT B	1	1						
8	2	172B11-13720	SPONGE, DUCT C	1	1						
9	2	172B11-13730	SPONGE, DUCT D	1	1						
10	2	172B11-13740	SPONGE, DUCT E	1	1						
11	2	172B11-13790	SPONGE, DUCT F	1	1						
12	2	172A64-64940	SEAL, 560	1	1						
13	2	172A64-65160	SEAL, 1170	1	1						
14	1	172B36-13741	STAY, VALVE	1	1						Z
(A=*2019.05) (B=*2019.05)											
15	1	172B11-13750	COVER ASSY, DUCT	1	1						
17	2	172A89-65850	RUBBER, SEAL 670	1	1						
18	1	172B36-13761	CLAMP ASSY, VALVE	1	1						
18-1	1	172B62-13750	CLAMP, VALVE	1	1						S
(A=*2019.05) (B=*2019.05)											
20	2	172A89-61470	PLATE, RUBBER	2	2						Z
(A=*2019.05) (B=*2019.05)											
20A	1	172B03-14230	RUBBER,FO A	1	1						W
(A=*2019.05) (B=*2019.05)											
21	1	172B11-13830	STAY, RADIATOR A	1	1						
21-1	1	172B62-13830	STAY, A RAD	1	1						R
(A=M00592) (B=M00624)											
22	1	172B11-13840	STAY, RADIATOR B	1	1						
23	1	172B11-13860	BRACKET ASSY, RAD U	1	1						
24	1	172B11-13930	SUPPORT ASSY, DUCT	1	1						
25	2	172638-06710	RUBBER, CUSHION 300	1	1						
27	2	172164-66800	RUBBER, SEAL 60	1	1						
28	1	1A7400-61250	HOLDER, ROD 8	1	1						
29	1	172142-62301	WING BOLT, M10X20	1	1						
30	1	172146-78150	PLATE, CLAMP A	1	1						
31	1	22137-100000	WASHER, 10	2	2						Z
(A=*2019.05) (B=*2019.05)											
32	1	22157-100000	WASHER, 10	3	3						
32-1	1	22157-100000	WASHER, 10	1	1						K
(A=*2019.05) (B=*2019.05)											
33	1	22417-320200	PIN, COTTER 3.2X20	1	1						
34	1	26013-080122	BOLT, M8X 12	2	2						
35	1	26013-100202	BOLT, M10X 20	4	4						
36	1	26013-100202	BOLT, M10X 20	2	2						
37	1	26013-100252	BOLT, M10X 25	3	3						
37-1	1	26013-100202	BOLT, 10 X 20	1	1						S
(A=*2019.05) (B=*2019.05)											
38	1	26013-100402	BOLT, M10X 40	2	2						Z
(A=*2019.05) (B=*2019.05)											
39	1	26014-080162	BOLT, M8X 16	4	4						
40	1	26014-100202	BOLT, M10X 20	4	4						
41	1	26014-100202	BOLT, M10X 20	1	1						
42	1	26014-100252	BOLT, M10X 25	2	2						



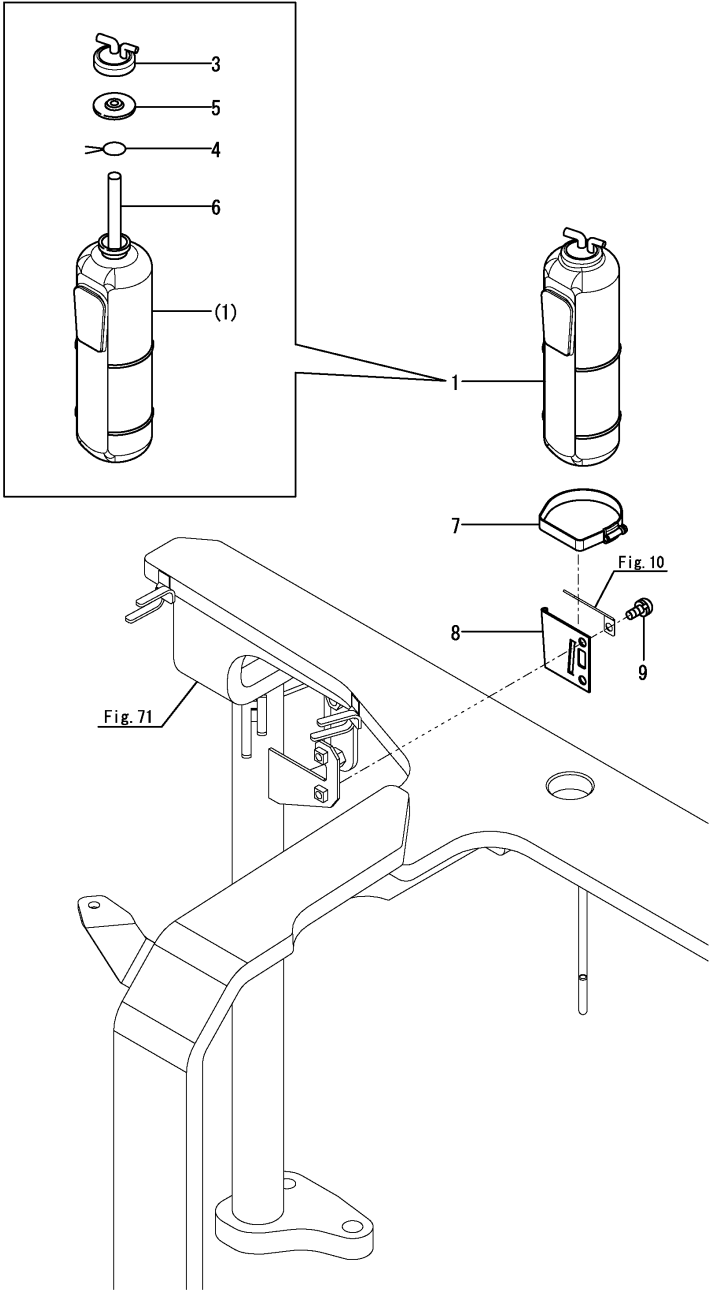
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42-1	1	26014-100252	BOLT, 10 X 25	4	4						K
		(A=*2019.05) (B=*2019.05)									
43	1	26014-100252	BOLT, M10X 25	4	4						

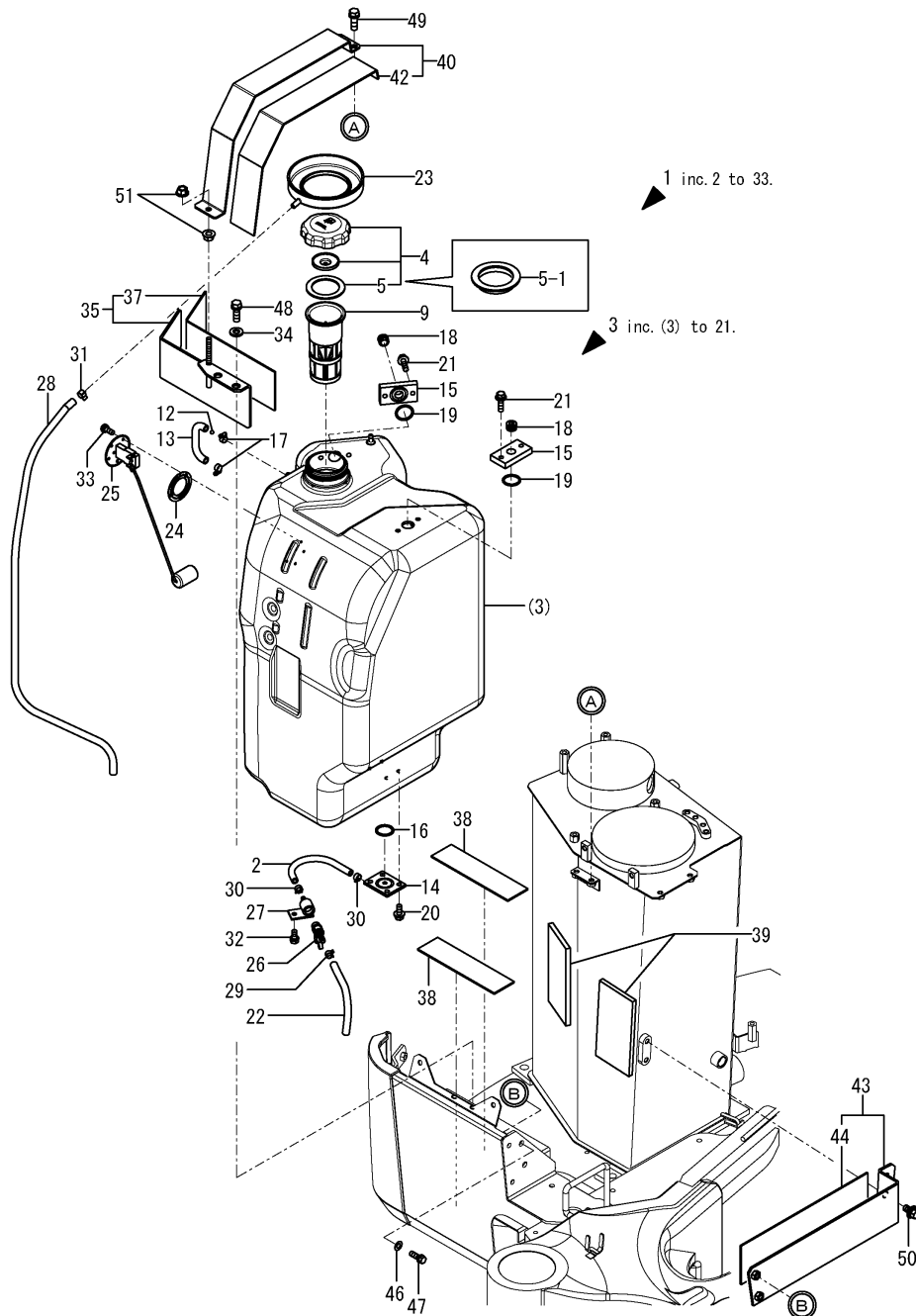
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

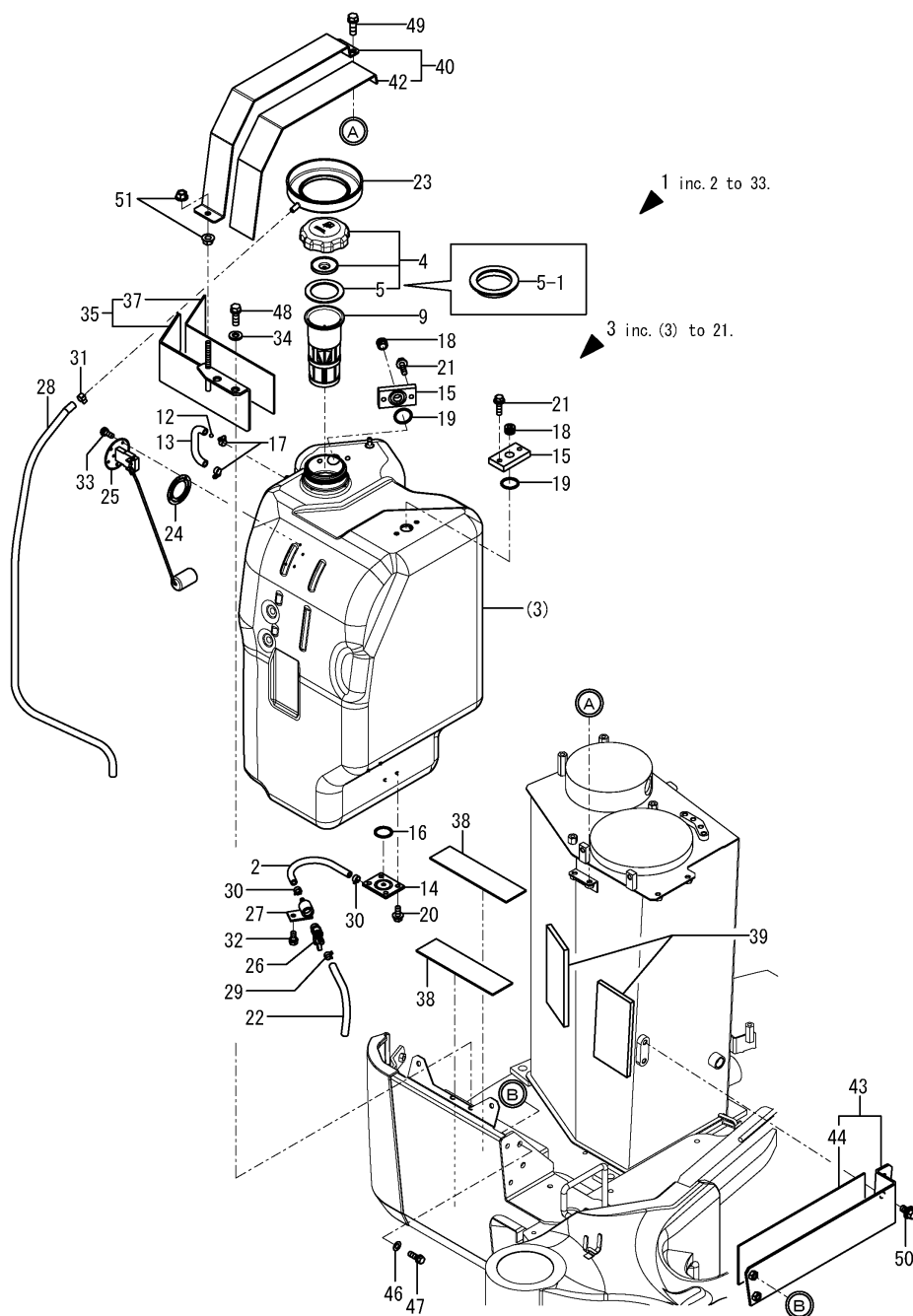
Fig.13. FUEL TANK



				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C) (D) (E) (F)	I	R		
1	1	772A69-14100	TANK ASSY, FUEL	1	1					
2	2	172137-13400	PIPE, DRAIN A	1	1					
2-1	2	172B11-14600	HOSE, FO 210	1	1				N	
		(A=M00804) (B=M00804)								
3	2	172A69-14110	TANK ASSY, FUEL	1	1					
4	3	198200-04031	CAP ASSY, FUEL	1	1					
4-1	3	172B69-14160	CAP ASSY, FUEL TANK	1	1				N	
		(A=*2023.08) (B=*2023.08)								
5	4	198200-04040	GASKET, FUEL CAP	1	1					
5-1	4	1A7870-04040	GASKET, FILLER CAP	1	1				S	
		(A=*2023.08) (B=*2023.08)								
9	3	172A69-14130	NET ASSY, FUEL	1	1					
12	3	172447-14160	FLOAT, 7	1	1					
13	3	172458-14203	HOSE, FUEL GAUGE	1	1					
14	3	172A69-14211	LOCK ASSY, DRAIN	1	1					
15	3	172A69-14240	PLATE, R1/2	2	2					
16	3	172A69-14550	PACKING	1	1					
17	3	23000-013000	CLAMP, 13	2	2					
18	3	23876-040000	PLUG, R04	2	2					
19	3	24311-000320	O-RING, 1AP32.0	2	2					
20	3	26013-080202	BOLT, M8X 20	4	4					
21	3	26013-080302	BOLT, M8X 30	4	4					
22	2	172186-14150	HOSE, FUEL GAUGE	1	1					
22-1	2	172B69-14380	HOSE, FO 220	1	1				N	
		(A=*2024.02) (B=*2024.02)								
23	2	172A69-14170	SUMP, FUEL	1	1					
24	2	172162-14200	GASKET	1	1					
25	2	172A78-14220	GAUGE, FUEL	1	1					
26	2	172A69-14230	VALVE, FUEL DRAIN	1	1					
27	2	172444-14271	JOINT, DRAIN	1	1					
28	2	172187-14510	HOSE, 9.5X1050	1	1					
29	2	106990-44660	CLAMP, HOSE 12.5	1	1					
30	2	124766-59050	CLAMP, HOSE 11.5	2	2					
30-1	2	106990-44660	CLAMP, HOSE 12.5	2	2				N	
		(A=M00804) (B=M00804)								
31	2	23080-013000	CLAMP, 13	1	1					
32	2	26013-080162	BOLT, M8X 16	1	1					
33	2	26022-050122	SCREW, M5X12	5	5					
34	1	194145-04810	WASHER, 10	2	2					
35	1	172A69-14310	BRACKET ASSY, F	1	1					
37	2	172A69-14350	PLATE, RUBBER A	1	1					
38	1	172A69-14370	PLATE, RUBBER D	2	2					
39	1	172A89-14380	SPONGE, RUBBER	2	2					
40	1	172A69-14410	BRACKET ASSY, UP	1	1					
42	2	172A69-14430	PLATE, RUBBER B	1	1					
43	1	172A69-14450	BRACKET ASSY, L	1	1					
43-1	1	172A69-14451	BRACKET ASSY, L	1	1				N	
		(A=M00637) (B=M00637)								
44	2	172A69-14350	PLATE, RUBBER A	1	1					
46	1	22137-100000	WASHER, 10	2	2					
47	1	26013-100302	BOLT, M10X 30	2	2					

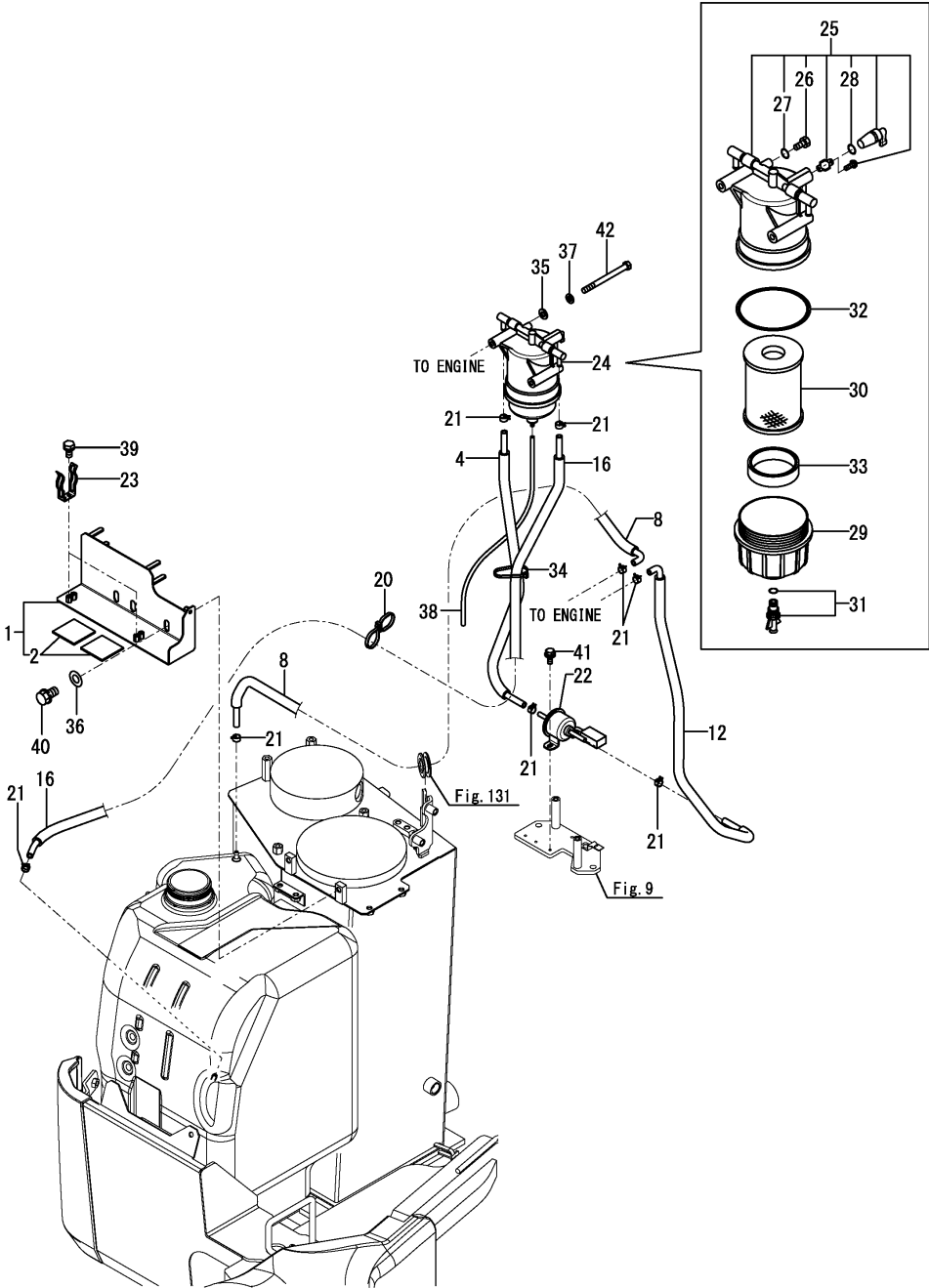
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.13. FUEL TANK



No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	1	26013-100302	BOLT, M10X 30	2	2						
49	1	26013-100302	BOLT, M10X 30	2	2						
50	1	26014-100202	BOLT, M10X 20	2	2						
51	1	26367-100002	NUT, M10	2	2						

Fig.14. FUEL PIPING

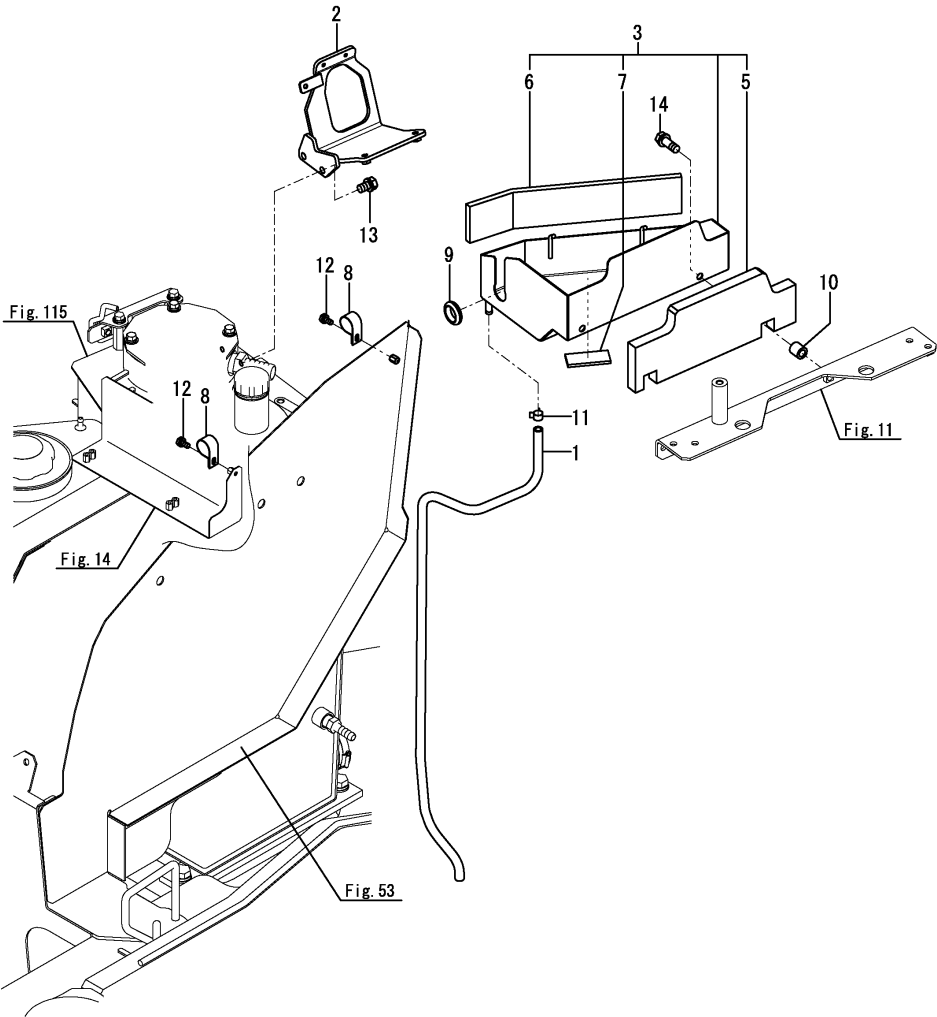


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-14510	BRACKET ASSY, GUN	1	1						
2	2	172446-14250	PLATE, RUBBER C	2	2						
4	1	172B11-14700	HOSE ASSY, 850	1	1						
8	1	172B11-14730	HOSE ASSY, 1700	1	1						
12	1	172B11-14760	HOSE ASSY, 2600	1	1						
16	1	172B11-14790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

Fig.180. (14A)FUEL OUTSIDE SUPPLY PUMP MOUNT

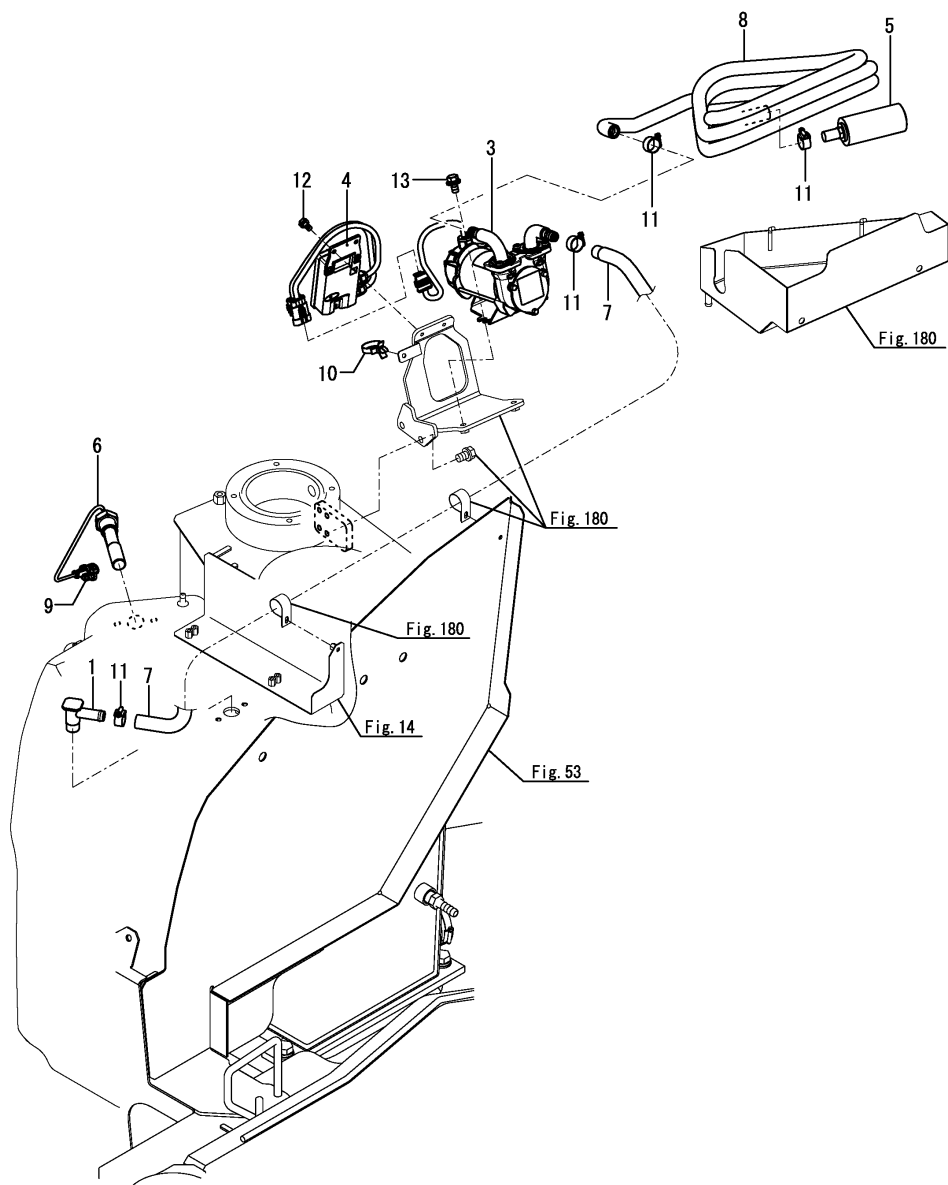
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

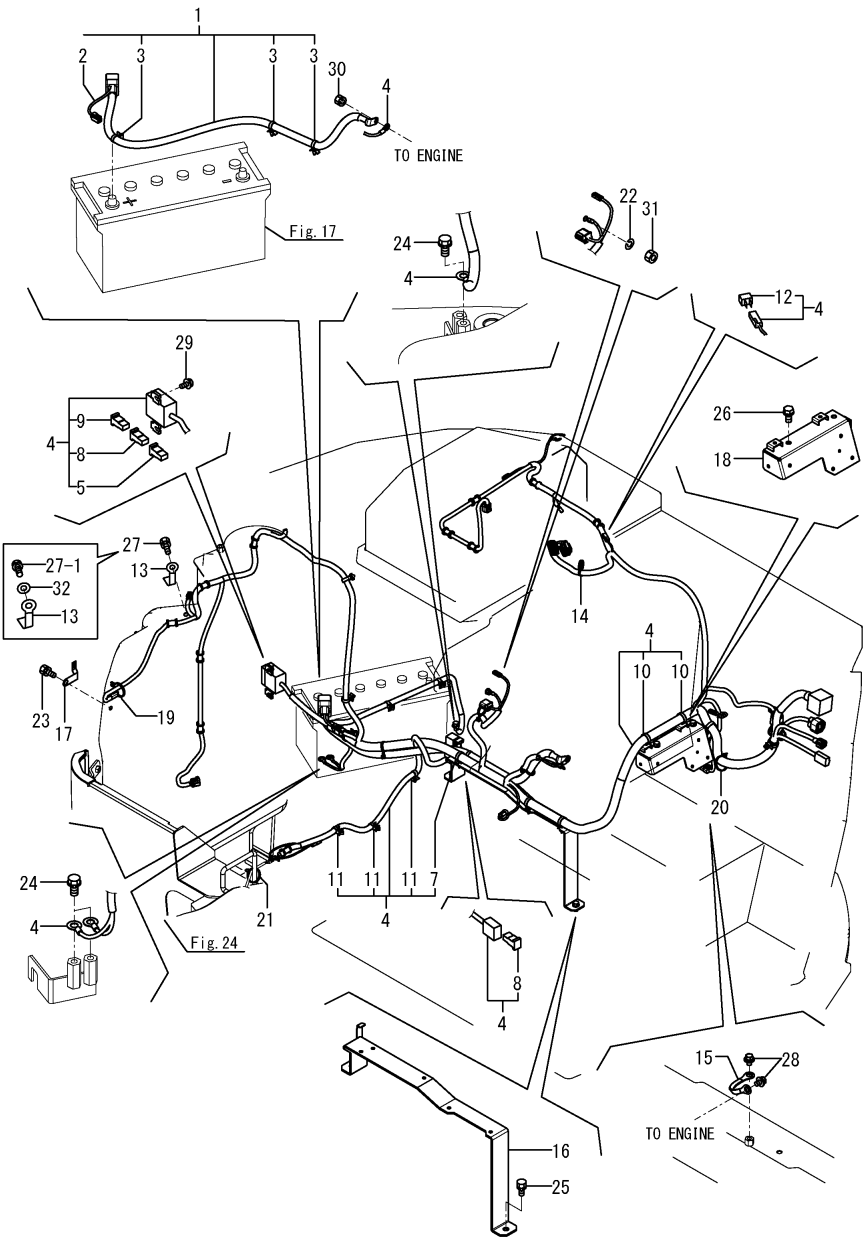


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-14590	HOSE, DRAIN		1						
2	1	172B11-14651	BRACKET ASSY,FO PUMP		1						
3	1	172B11-14690	PLATE ASSY,HOSE		1						
5	2	172B11-14830	SPONGE,HOSE PLATE A		1						
6	2	172B11-14840	SPONGE,HOSE PLATE B		1						
7	2	172A89-61470	PLATE, RUBBER		1						
8	1	172142-16550	CLAMP		2						
9	1	172137-66230	GROMMET		1						
10	1	172A47-76460	COLLAR, 12.2X20X20		2						
11	1	23080-013000	CLAMP, 13		1						
12	1	26013-060122	BOLT, M6X 12		2						
13	1	26013-100162	BOLT, M10X 16		2						
14	1	26013-100402	BOLT, M10X 40		2						

Fig.181. (14B)FUEL OUTSIDE SUPPLY PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-14700	NIPPLE,R1/2		1						
3	1	172A69-14861	PUMP ASSY, FO		1						
3-1	1	17AA69-14101	PUMP ASSY,FO		1						R
			(B=M01046)								
4	1	172A69-14871	SWITCH,FO PUMP		1						
4-1	1	17AA69-14111	CONTROL BOX		1						R
			(B=M01046)								
5	1	172A69-14880	SUCTION FILTER		1						
5-1	1	17AA69-14120	STRAINER		1						R
			(B=M01046)								
6	1	172A69-14890	SWITCH, FLOAT		1						
7	1	172A89-14901	HOSE, FO 820		1						
8	1	172A69-14910	HOSE,FO 3000		1						
9	1	172137-16560	BAND, BINDING W		1						
10	1	1E8775-84120	CLAMP, BAND B		1						
11	1	23001-022000	CLAMP, HOSE 22		4						
12	1	26013-060122	BOLT, M6X 12		2						
13	1	26014-080162	BOLT. M8X 16		2						



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

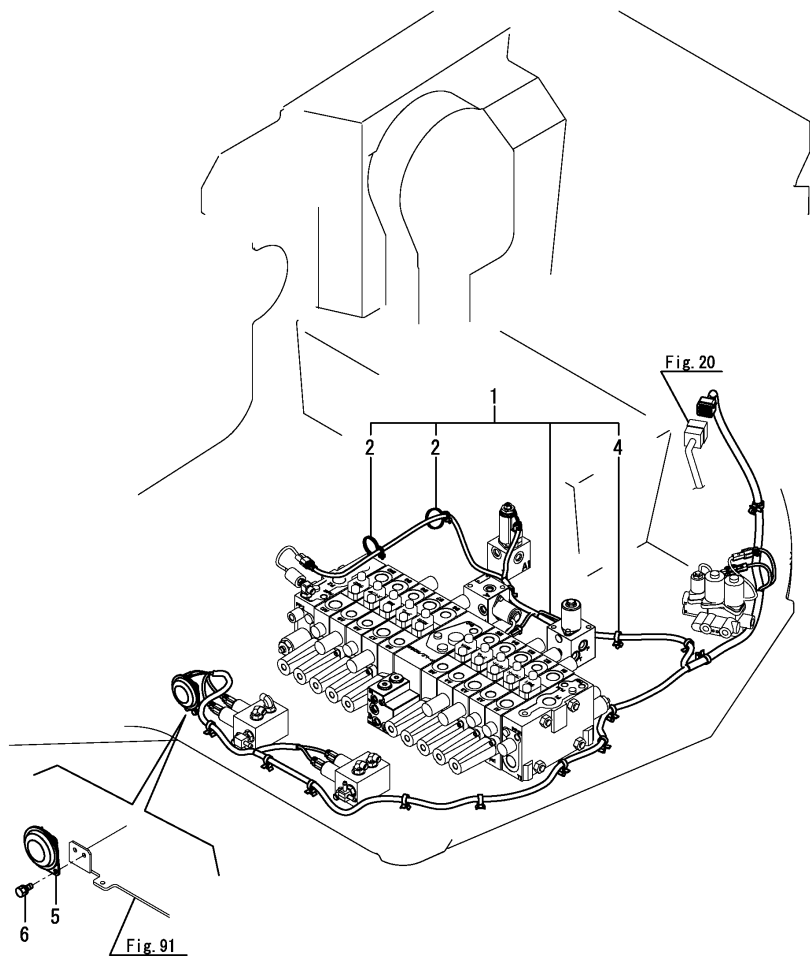
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16101	CABLE ASSY,+ BATTERY	1	1						
2	2	172B11-16130	HARNESS,BATTERY	1	1						
3	2	1E8775-84120	CLAMP, BAND B	3	3						
4	1	172B36-16500	HARNESS ASSY, A	1	1						
5	2	1C6900-06180	FUSE, SLOW BLOW 80A	1	1						
7	2	172137-16560	BAND, BINDING W	6	6						
8	2	1A7810-51750	FUSE, SLOW BLOW 120A	2	2						
9	2	1A7000-52820	FUSE, SLOW BLOW 60A	1	1						
10	2	1E8775-84120	CLAMP, BAND B	6	6						
11	2	1E8490-84130	CLAMP, BAND	10	10						
12	2	1E8235-84910	DIODE, 090 31	1	1						
13	1	172126-16540	CLAMP, 10X70	1	1						
14	1	172137-16560	BAND, BINDING W	1	1						
15	1	172187-16600	CORD, ENGINE EARTH	1	1						
16	1	172B36-16650	SUPPORT ASSY,HARNESS	1	1						
17	1	172A69-16700	BRACKET, SWP 2P-M	1	1						
18	1	172B36-16850	SUPPORT ASSY,HARNESS	1	1						
19	1	194202-56460	BAND, BINDING 200	1	1						
20	1	194202-56460	BAND, BINDING 200	1	1						
21	1	194202-56460	BAND, BINDING 200	1	1						
22	1	22217-080000	WASHER, SPRING 8	1	1						
23	1	26013-080162	BOLT, M8X 16	1	1						
24	1	26013-100162	BOLT, M10X 16	3	3						
25	1	26013-100202	BOLT, M10X 20	2	2						
26	1	26013-100202	BOLT, M10X 20	2	2						
27	1	26014-080162	BOLT, M8X 16	1	1						
27-1	1	26013-080162	BOLT, M8X 16	1	1					F	1
(A=*2026.02) (B=*2026.02)											
28	1	26014-100162	BOLT, M10X 16	2	2						
29	1	26023-060122	SCREW, M6X12	2	2						
30	1	26051-080002	NUT, M8	1	1						
31	1	26716-080002	NUT, M8	1	1						
32	1	22137-080000	WASHER, 8	1	1						W

(A=*2026.02) (B=*2026.02)

Remarks
(1)Interchangeable by simultaneous replacement with No.32.

Fig.16. AROUND THE CONTROL VALVE

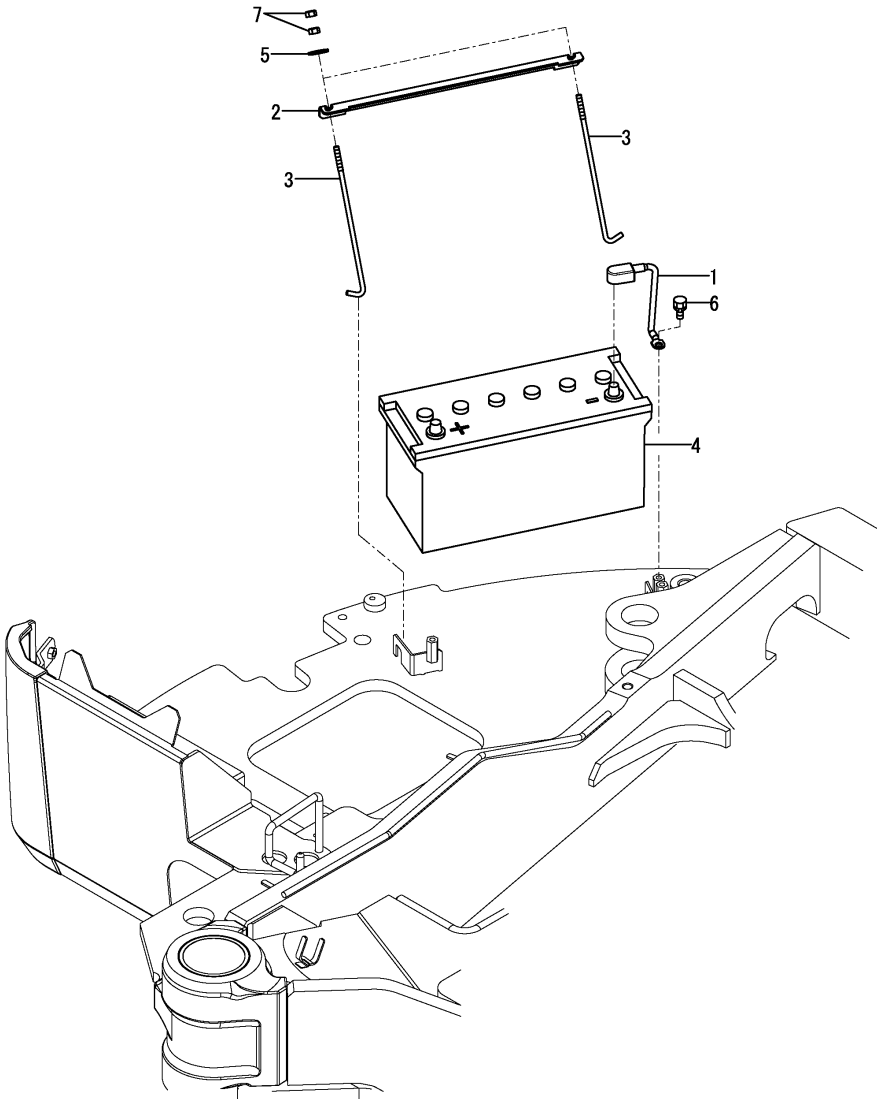


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-16620	HARNESS ASSY, D	1	1						
2	2	172137-16560	BAND, BINDING W	2	2						
4	2	1E8775-84120	CLAMP, BAND B	13	13						
5	1	194151-57100	HORN	1	1						
6	1	26013-060122	BOLT, M6X 12	2	2						

Fig.17. BATTERY(AS)



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

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-16110	CORD, BATTERY MINUS		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						

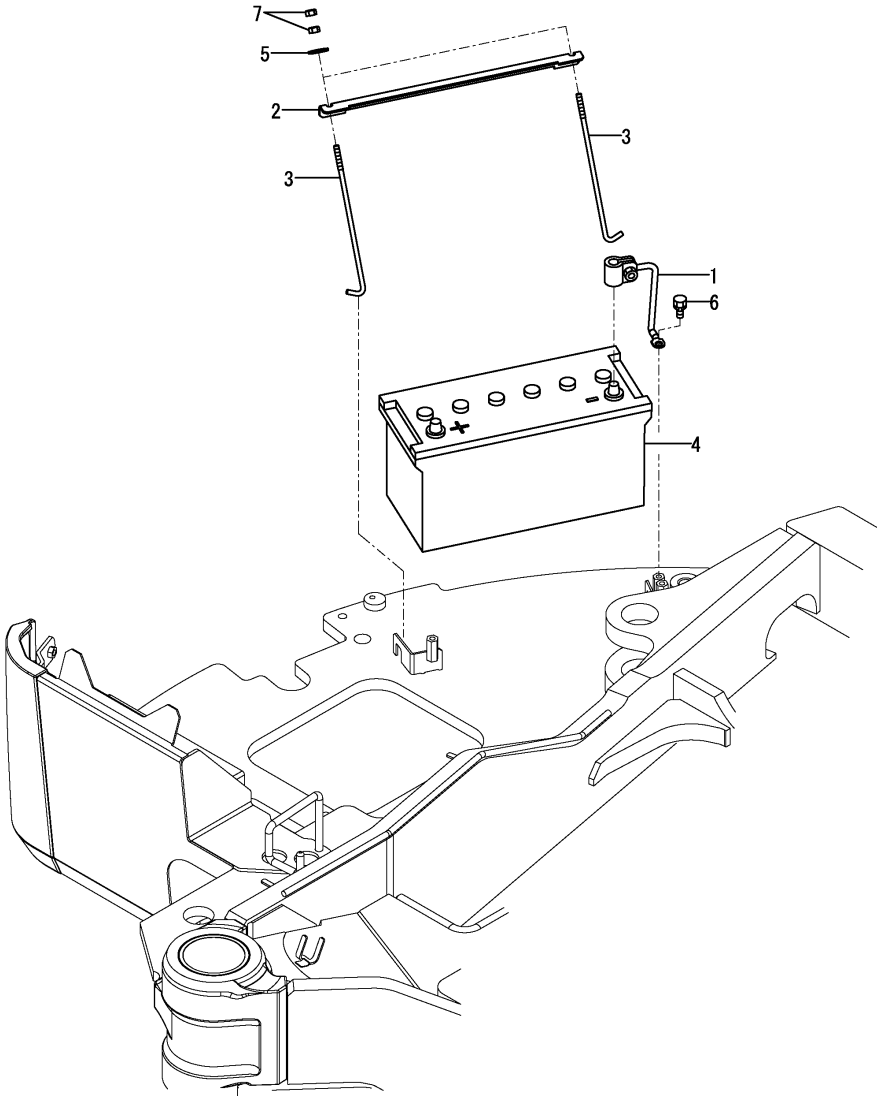
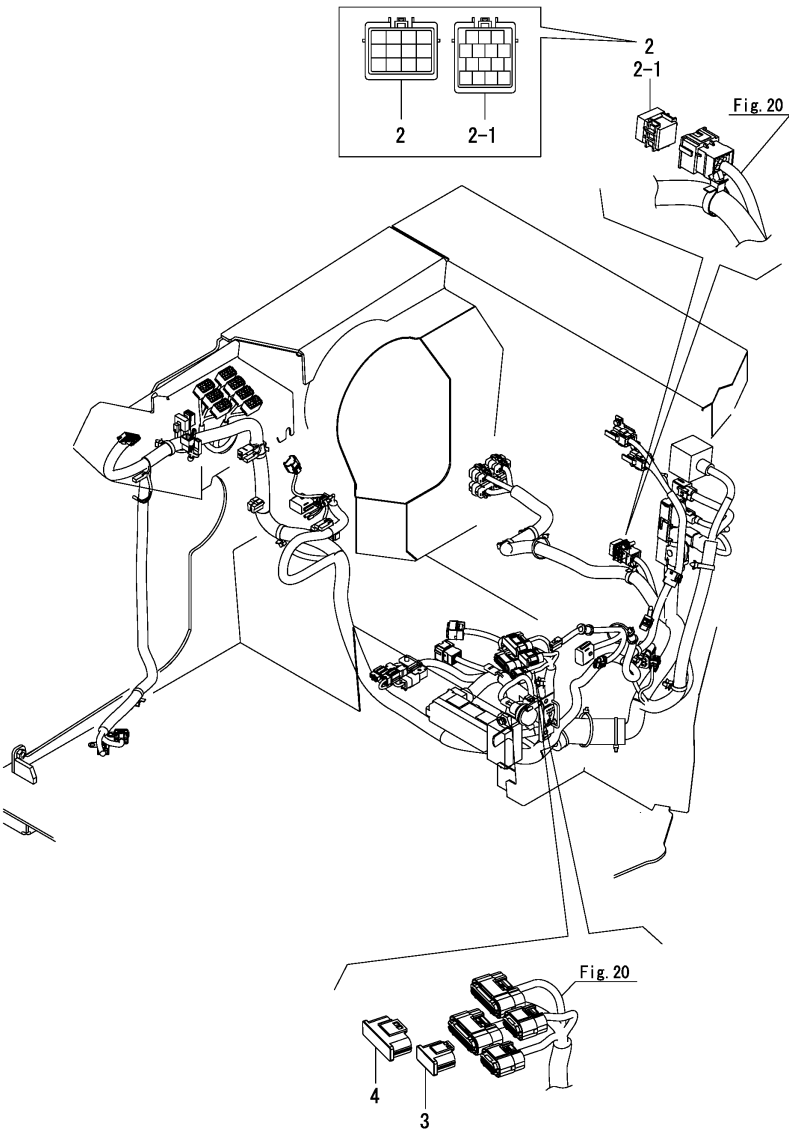


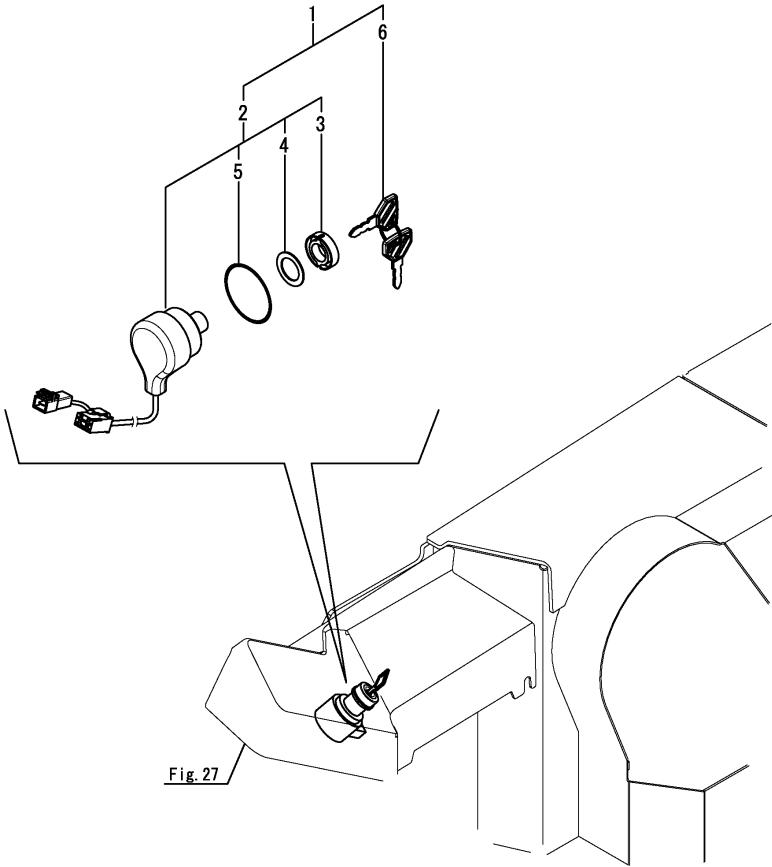
Fig.18. COUPLER



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

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

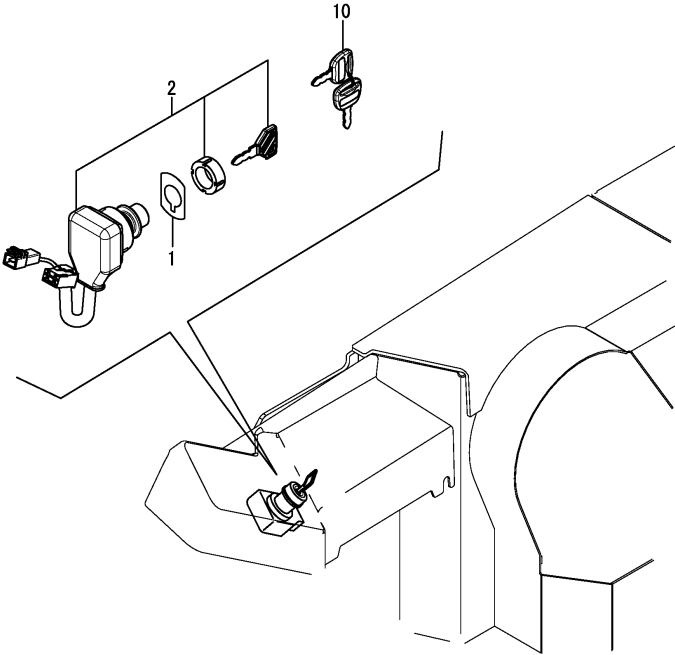
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	172B36-16840	CONNECTOR, SWP 14F	1	1						
2-1	1	172B36-16830	CONNECTOR, SWP 16F	1	1						S
(A=M01003) (B=M01003)											
3	1	1E6C30-84520	CAP,WATERPROOF 18P	1	1						
4	1	1E6C30-84530	CAP,WATERPROOF 34P	1	1						



(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=
(D)=
(E)=
(F)=

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

Fig.183. (19A)STARTER SWITCH(MULTI KIND OF KEY)



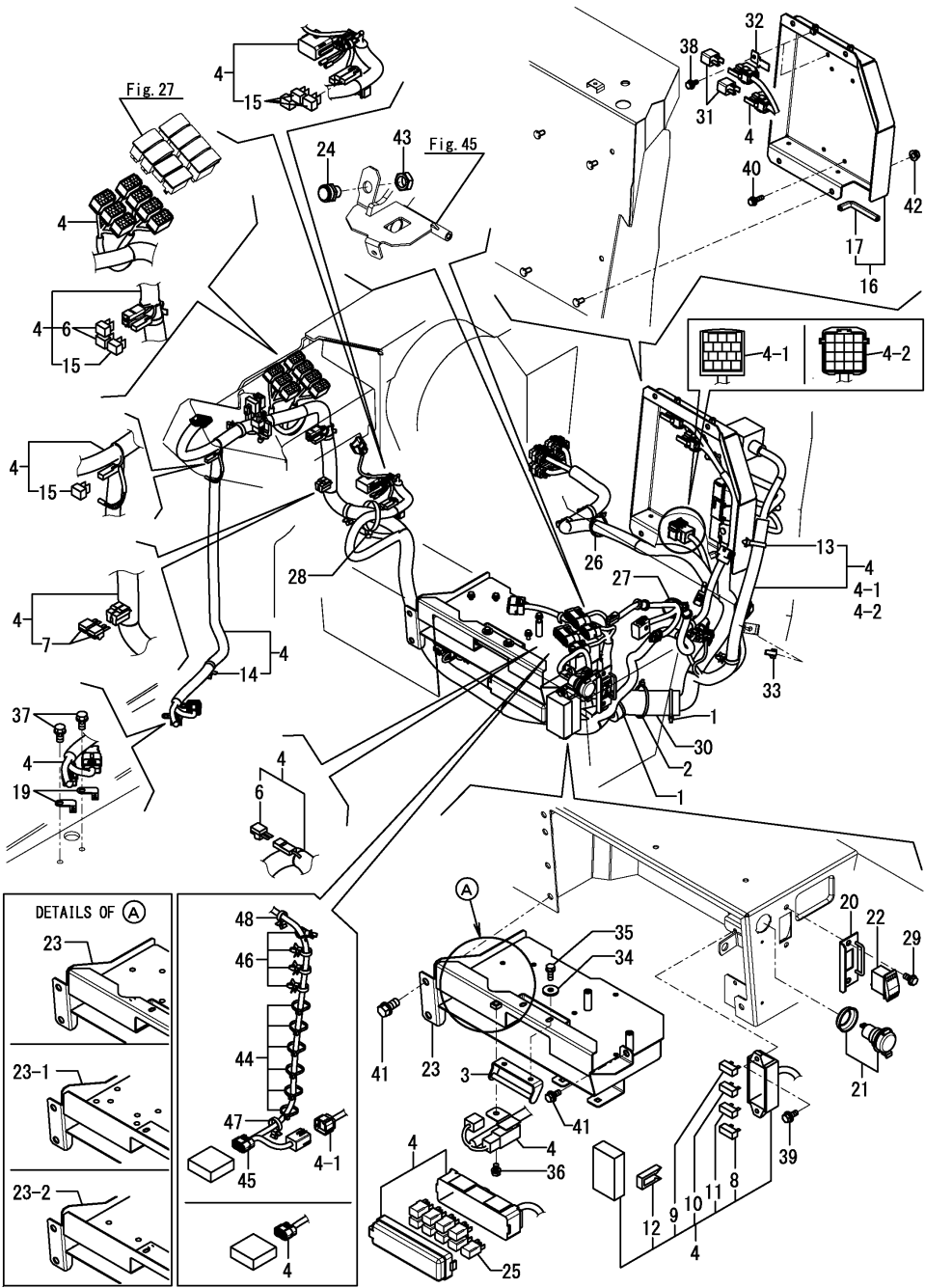
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-17160	PLATE		1						
2	1	1A7180-52111	SWITCH ASSY, STARTER		1						
10	1	198360-52160	KEY ASSY, SPARE		1						1

Remarks
(1)For bonnet, door.

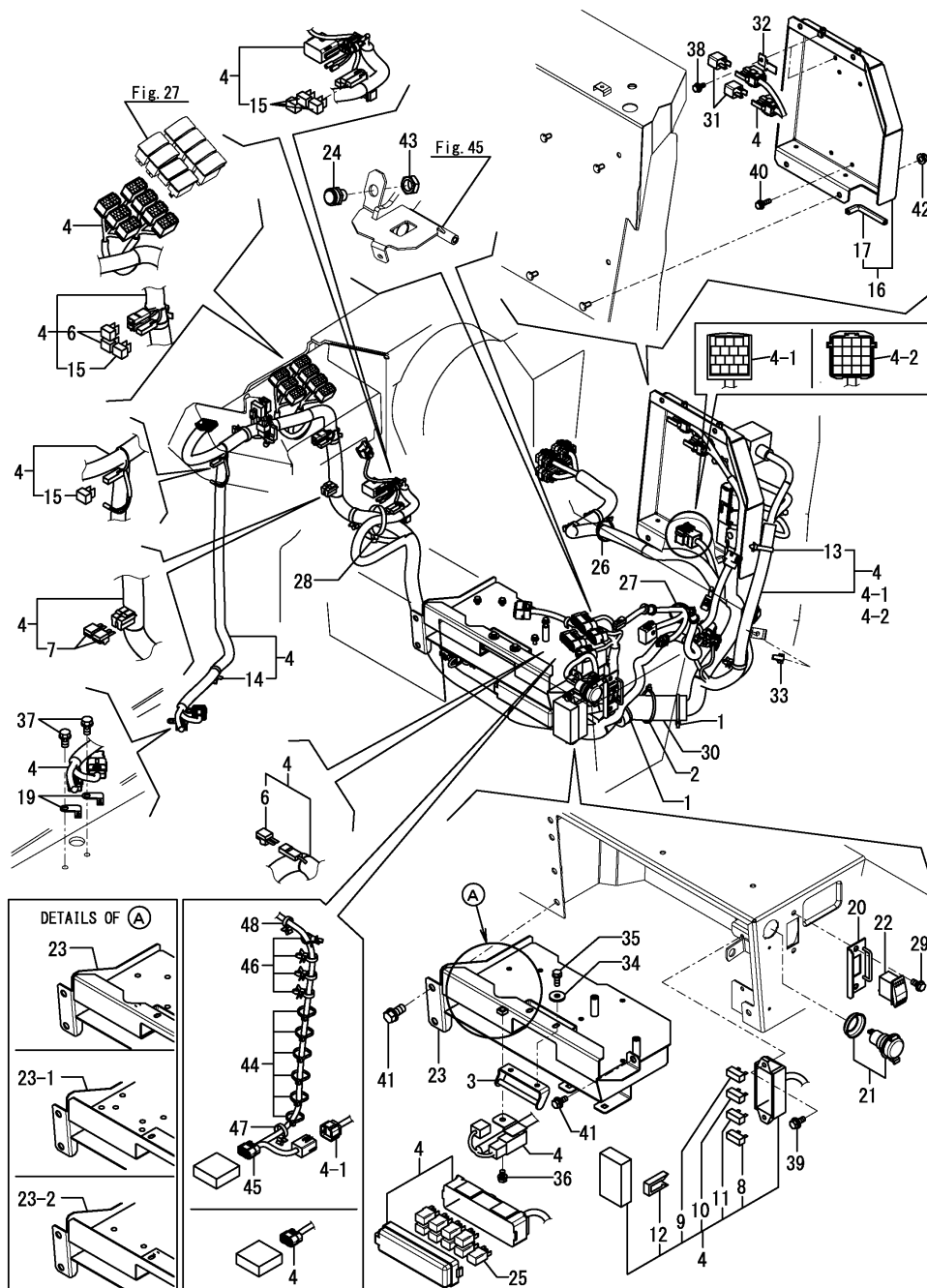
Fig.20. SEAT MOUNT



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

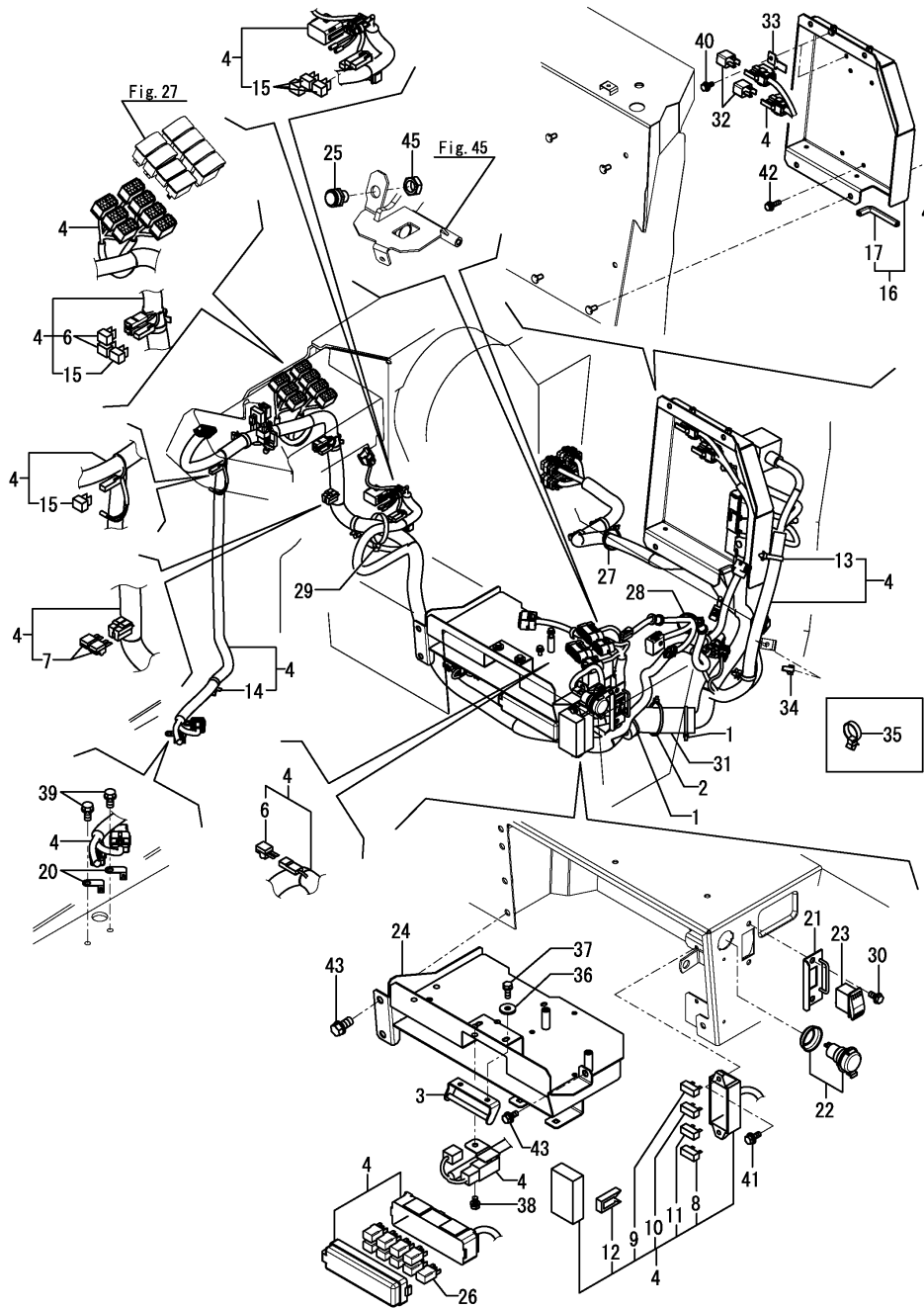
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2	2						
2	1	172126-11510	BAND, BINDING 300	1	1						
3	1	172B11-16350	CATCH ASSY, LOCK	1	1						
4	1	172B36-16520	HARNESS ASSY, B	1	1						
4-1	1	172B36-16521	HARNESS ASSY, B	1	1						S
		(A=M00757) (B=M00757)									
4-2	1	172B36-16522	HARNESS ASSY, B	1	1						S
		(A=M01003) (B=M01003)									
6	2	172649-16560	DIODE, 1.5-3PA	3	3						
7	2	1A6382-51510	RESISTANCE, 2W R120	2	2						
8	2	1A7450-52180	FUSE, 25A	6	6						
9	2	1E8665-83150	FUSE, MINI 5A	7	7						
10	2	1E8665-83160	FUSE, MINI 10A	4	4						
11	2	1E8665-83180	FUSE, MINI 20A	5	5						
12	2	1E9570-83900	PULLER, MINI FUSE	1	1						
13	2	1E8775-84120	CLAMP, BAND B	4	4						
14	2	1E8490-84130	CLAMP, BAND	8	8						
15	2	1E8235-84910	DIODE, 090 31	5	5						
16	1	172B36-16600	BRACKET ASSY, E-ECU	1	1						
17	2	172456-13470	RUBBER 100	1	1						
19	1	172A69-16700	BRACKET, SWP 2P-M	2	2						
20	1	172A89-17180	PLATE ASSY, SWITCH	1	1						
21	1	172A64-17250	SOCKET ASSY	1	1						
22	1	172A69-17260	SWITCH, ENGINE STOP	1	1						
23	1	172B36-17900	BRACKET ASSY, CR	1	1						
23-1	1	172B62-17900	BRACKET ASSY, CR	1	1						N
		(A=M00752) (B=M00752)									
23-2	1	172B62-17901	BRACKET ASSY, CR	1	1						S
		(A=M00960) (B=M00960)									
24	1	194464-52190	SWITCH, SAFETY START	1	1						
25	1	1A7522-52950	RELAY, ACM13221M19	9	9						
26	1	194202-56460	BAND, BINDING 200	1	1						
27	1	194202-56460	BAND, BINDING 200	1	1						
28	1	194202-56460	BAND, BINDING 200	1	1						
29	1	172519-63240	BOLT, M8X16	2	2						
30	1	172445-68650	SPONGE, HOSE	1	1						
31	1	129927-77900	RELAY, ISO 90A	2	2						
32	1	129927-77910	BRACKET, CONNECTOR	2	2						
33	1	1E8490-84130	CLAMP, BAND	1	1						
34	1	22157-060000	WASHER, 6	2	2						
35	1	26013-060122	BOLT, M6X 12	2	2						
36	1	26013-080122	BOLT, M8X 12	1	1						
37	1	26013-080162	BOLT, M8X 16	2	2						
38	1	26014-060122	BOLT, M6X 12	2	2						
39	1	26014-060162	BOLT, M6X 16	2	2						
40	1	26014-060252	BOLT, M6X 25	4	4						
41	1	26014-100202	BOLT, M10X 20	3	3						
42	1	26051-080002	NUT, M8	4	4						
43	1	26776-180002	NUT, LOCK M18	1	1						
44	1	172126-11510	BAND, BINDING 300	6	6						W
		(A=M00752) (B=M00752)									



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
44-1	1	172126-11510	BAND, BINDING 300 (B=M01051)		6						Z
45	1	172B11-16640	HARNESS ASSY,REMOT2G (A=M00752) (B=M00752)	1	1						W
45-1	1	172B11-16641	HARNESS ASSY,REMOTE2 (A=M00962) (B=M00962)	1	1						R
45-2	1	172B11-16641	HARNESS ASSY,REMOTE2 (B=M01051)		1						Z
46	1	1E8775-84120	CLAMP, BAND B (A=M00752) (B=M00752)	5	5						W
46-1	1	1E8775-84120	CLAMP, BAND B (B=M01051)		5						Z
47	1	1E8490-84130	CLAMP, BAND (A=M00752) (B=M00752)	2	2						W
47-1	1	1E8490-84130	CLAMP, BAND (B=M01051)		2						Z
48	1	1E8490-84130	CLAMP, BAND (A=M00752) (B=M00752)	1	1						W
48-1	1	1E8490-84130	CLAMP, BAND (B=M01051)		1						Z

Fig.199. (20A)SEAT MOUNT(WITHOUT GPS)

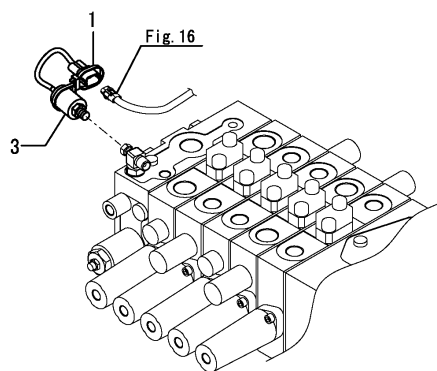
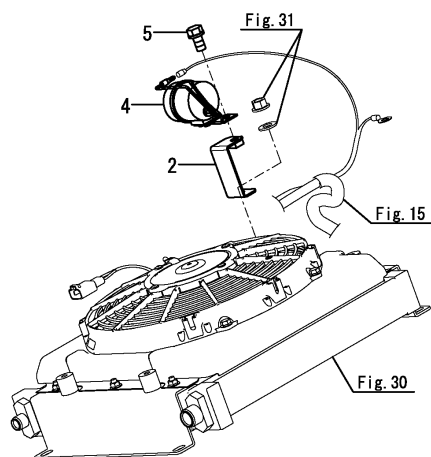


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2	2						
2	1	172126-11510	BAND, BINDING 300	1	1						
3	1	172B11-16350	CATCH ASSY, LOCK	1	1						
4	1	172B36-16522	HARNESS ASSY, B	1	1						
6	2	172649-16560	DIODE, 1.5-3PA	3	3						
7	2	1A6382-51510	RESISTANCE, 2W R120	2	2						
8	2	1A7450-52180	FUSE, 25A	6	6						
9	2	1E8665-83150	FUSE, MINI 5A	7	7						
10	2	1E8665-83160	FUSE, MINI 10A	4	4						
11	2	1E8665-83180	FUSE, MINI 20A	5	5						
12	2	1E9570-83900	PULLER, MINI FUSE	1	1						
13	2	1E8775-84120	CLAMP, BAND B	4	4						
14	2	1E8490-84130	CLAMP, BAND	8	8						
15	2	1E8235-84910	DIODE, 090 31	5	5						
16	1	172B36-16600	BRACKET ASSY, E-ECU	1	1						
17	2	172456-13470	RUBBER 100	1	1						
20	1	172A69-16700	BRACKET, SWP 2P-M	2	2						
21	1	172A89-17180	PLATE ASSY, SWITCH	1	1						
22	1	172A64-17250	SOCKET ASSY	1	1						
23	1	172A69-17260	SWITCH, ENGINE STOP	1	1						
24	1	172B62-17901	BRACKET ASSY, CR	1	1						
25	1	194464-52190	SWITCH, SAFETY START	1	1						
26	1	1A7522-52950	RELAY, ACM13221M19	9	9						
27	1	194202-56460	BAND, BINDING 200	1	1						
28	1	194202-56460	BAND, BINDING 200	1	1						
29	1	194202-56460	BAND, BINDING 200	1	1						
30	1	172519-63240	BOLT, M8X16	2	2						
31	1	172445-68650	SPONGE, HOSE	1	1						
32	1	129927-77900	RELAY, ISO 90A	2	2						
33	1	129927-77910	BRACKET, CONNECTOR	2	2						
34	1	1E8490-84130	CLAMP, BAND	1	1						
35	1	1E8490-84130	CLAMP, BAND	1	1						
36	1	22157-060000	WASHER, 6	2	2						
37	1	26013-060122	BOLT, M6X 12	2	2						
38	1	26013-080122	BOLT, M8X 12	1	1						
39	1	26013-080162	BOLT, M8X 16	2	2						
40	1	26014-060122	BOLT, M6X 12	2	2						
41	1	26014-060162	BOLT, M6X 16	2	2						
42	1	26014-060252	BOLT, M6X 25	4	4						
43	1	26014-100202	BOLT, M10X 20	3	3						
44	1	26051-080002	NUT, M8	4	4						
45	1	26776-180002	NUT, LOCK M18	1	1						

Fig.21. TRAVEL ALARM

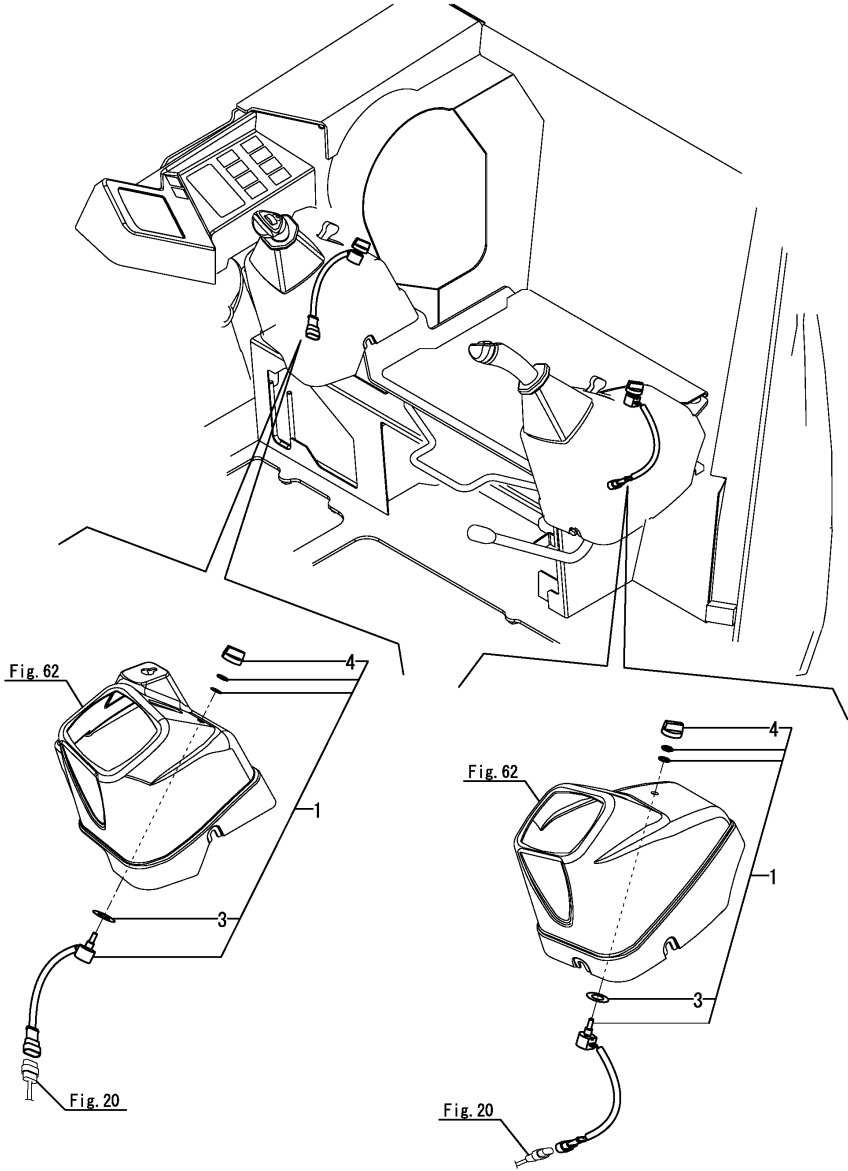


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172137-16560	BAND, BINDING W	1	1				
2	1	172B11-16880	BRACKET ASSY, BUZZER	1	1				
3	1	172478-17202	SWITCH, PRESSURE	1	1				
4	1	172511-17351	BUZZER, BACK	1	1				
5	1	26013-080162	BOLT, M8X 16	1	1				

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	2						
3	2	172B11-17270	WASHER, 10X18X2	2	2						
4	2	172B11-17301	KNOB ASSY	2	2						



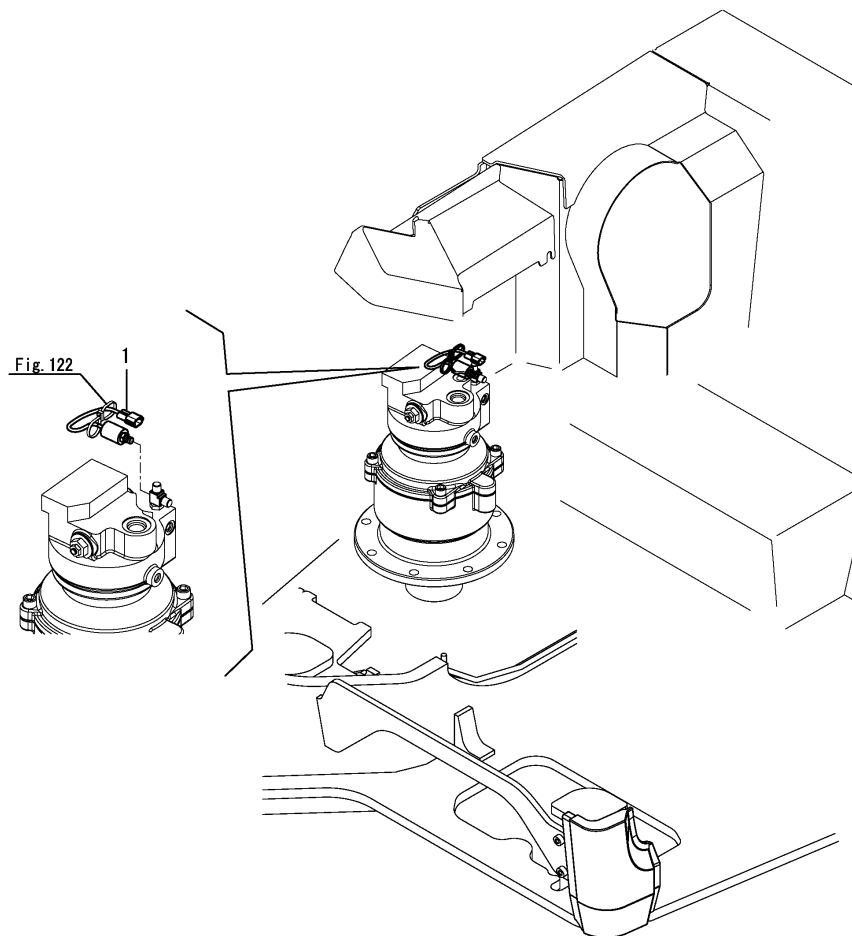
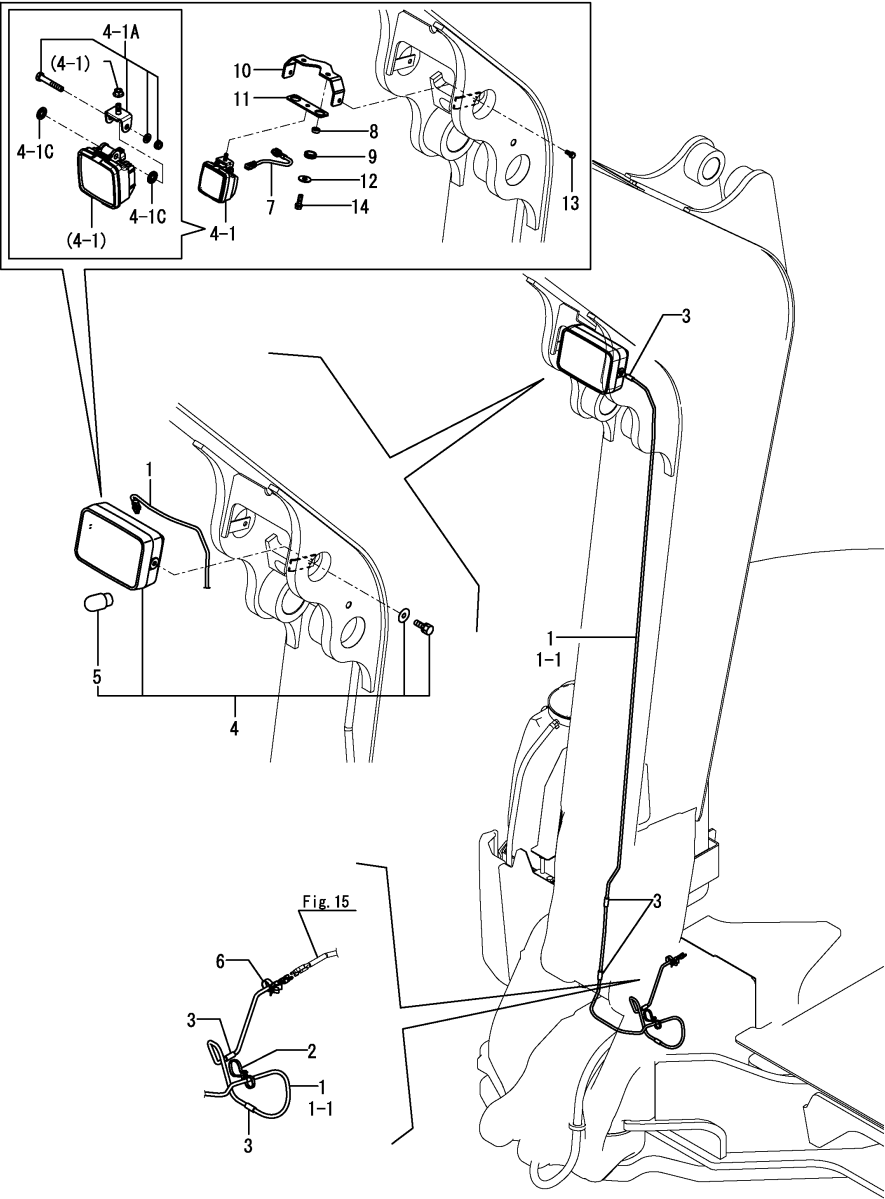
[illegible]

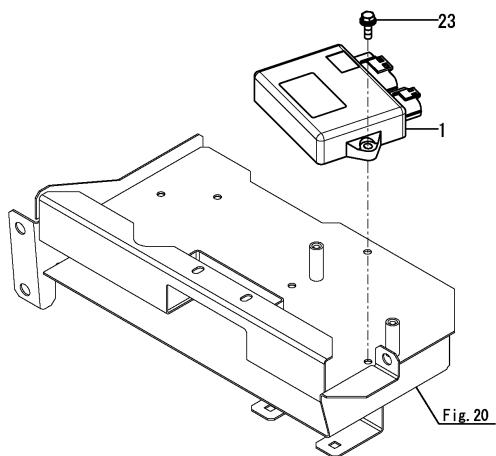
Fig.24. WORK LAMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-16440	HARNESS, WIRE BOOM	1	1						
1-1	1	172B11-16410	HARNESS, BOOM	1	1						S
(A=M00968) (B=M00968)											
2	1	172137-16560	BAND, BINDING W	1	1						
3	1	172B11-16780	RUBBER, CLAMP A	5	5						
4	1	172162-17400	LAMP ASSY, WORK	1	1						
4-1	1	172B57-17351	LAMP ASSY,WORK LED	1	1						F 1
(A=M00968) (B=M00968)											
4-1A	2	172B57-17360	BRACKET,LED LAMP	1	1						W
(A=M00968) (B=M00968)											
4-1C	2	172B57-17370	SPACER,LED LAMP	2	2						W
(A=M00968) (B=M00968)											
5	2	172141-17211	BULB, 12V 55W	1	1						
5-1	2	172141-17211	BULB, 12V 55W	1	1						Z
(A=M00968) (B=M00968)											
6	1	1E8775-84120	CLAMP, BAND B	1	1						
7	1	172B57-16600	HARNESS, CABIN LED	1	1						W
(A=M00968) (B=M00968)											
8	1	172B16-17170	GROMMET, 20X30X3	2	2						W
(A=M00968) (B=M00968)											
9	1	172B12-17190	COLLAR, 10X19X6.5	2	2						W
(A=M00968) (B=M00968)											
10	1	172B36-17420	BRACKET ASSY,LAMP LE	1	1						W
(A=M00968) (B=M00968)											
11	1	172B36-17440	PLATE	1	1						W
(A=M00968) (B=M00968)											
12	1	22157-100000	WASHER, 10	2	2						W
(A=M00968) (B=M00968)											
13	1	26013-080202	BOLT, M8X 20	2	2						W
(A=M00968) (B=M00968)											
14	1	26013-100302	BOLT, M10X 30	2	2						W
(A=M00968) (B=M00968)											

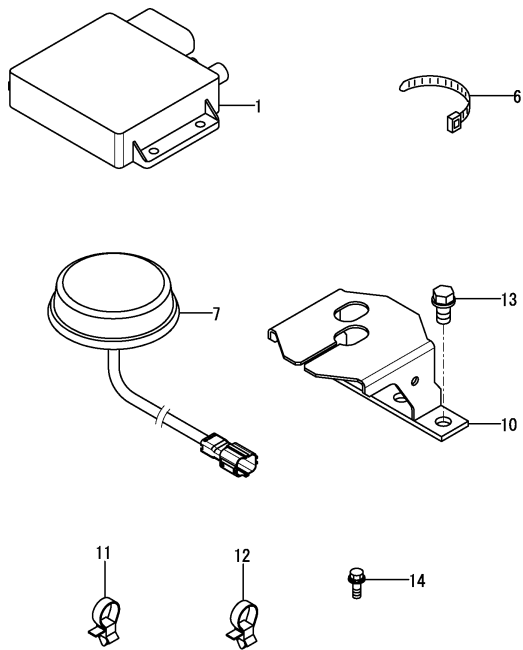
Remarks
(1)Interchangeable by simultaneous replacement with No.1-1, 7 to 14.

Fig.25. CONTROLLER



No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	1A8280-50900	CONTROLLER	1	1					1
23	1	26014-060202	BOLT, M6X 20	2	2					

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



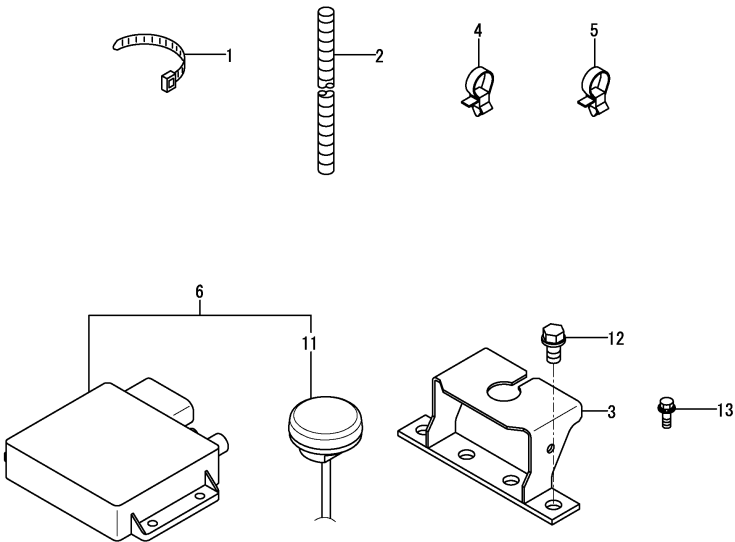
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00024 (A=M00501) (B=M00501)	CONTROLLER, MOBILE	1	1					Z	1
6	1	172126-11510	BAND, BINDING 300	6	6						
7	1	172B11-16590 (A=M00501) (B=M00501)	ANTENNA ASSY, MOBILE	1	1					Z	
10	1	172B11-17920 (A=M00501) (B=M00501)	BRACKET ASSY, GPS	1	1					Z	
11	1	1E8775-84120	CLAMP, BAND B	4	4						
12	1	1E8490-84130	CLAMP, BAND	3	3						
13	1	26013-100202	BOLT, M10X 20	2	2						
14	1	26014-060162	BOLT, M6X 16	4	4						

Remarks
* No.1, 7 & 10 are replaced by a set of Fig.179 No.2, 3 & 6.
(1)To install proper information, go to an authorized distributor.
Note : Carrier registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.
Note : Registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.

Fig.179. (26A)GPS(1.5G)



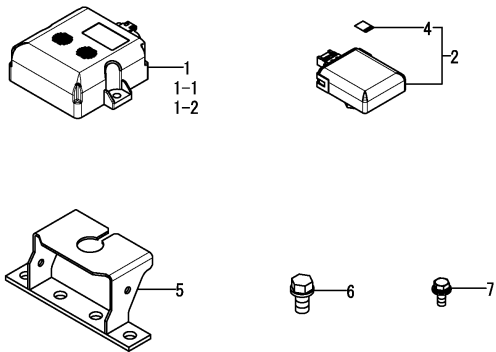
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	6	6						
2	1	172B11-16540	TUBE, PROTECTOR 7	1	1						W
		(A=M00501)	(B=M00501)								
3	1	172B11-17950	BRACKET ASSY, GPS	1	1						W
		(A=M00501)	(B=M00501)								
3-1	1	172B11-17951	BRACKET ASSY, GPS	1	1						N
		(A=M00747)	(B=M00691)								
4	1	1E8775-84120	CLAMP, BAND B	4	4						
5	1	1E8490-84130	CLAMP, BAND	3	3						
6	1	1RF001-93553	SA-R KIT,3G	1	1						W 1
		(A=M00501)	(B=M00501)								
6-1	1	1RF001-93554	SA-R KIT,3G	1	1						N 1
		(A=M00724)	(B=M00724)								
6-2	1	1RF001-93555	SA-R KIT,3G	1	1						N 1
		(A=M00752)	(B=M00752)								
11	2	1RF001-93010	ANTENNA, MOBILE	1	1						
12	1	26013-100202	BOLT, M10X 20	2	2						
13	1	26014-060162	BOLT, M6X 16	4	4						

Remarks
(1)To install proper information, go to an authorized distributor.
Note : Carrier registration is required when replacing this part.
For more information, contact the service department of the dealer you purchased from.
Note : Registration is required when replacing this part.
For more information, contact the service department of the dealer you purchased from.

Fig.194. (26B)GPS(2.0G)



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

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

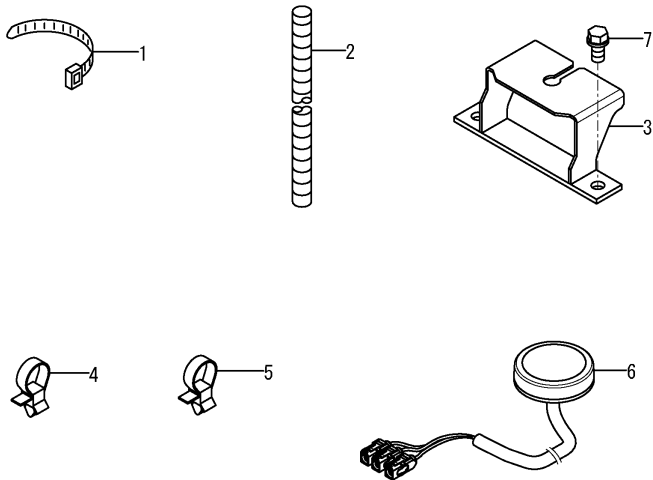
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00222	CONTROLLER,SA-R BATT	1	1						1
1-1	1	1RF001-00212	CONTROLLER,SA-R	1	1					S	1
(A=M00757) (B=M00757)											
1-2	1	1RF001-00223	CONTROLLER,SA-R BATT	1	1					S	1
(A=M00762) (B=M00762)											
2	1	1RF001-00311	CONTROLLER,SA-R 3G	1	1						
4	2	1RF001-93410	MICROSIM,DOCOMO	1	1						
5	1	172B11-17951	BRACKET ASSY, GPS	1	1						
6	1	26013-100202	BOLT, M10X 20	2	2						
7	1	26014-060162	BOLT, M6X 16	2	2						

Remarks
(1)To install proper information, go to an authorized distributor.
Note : Carrier registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.
Note : Registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.

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

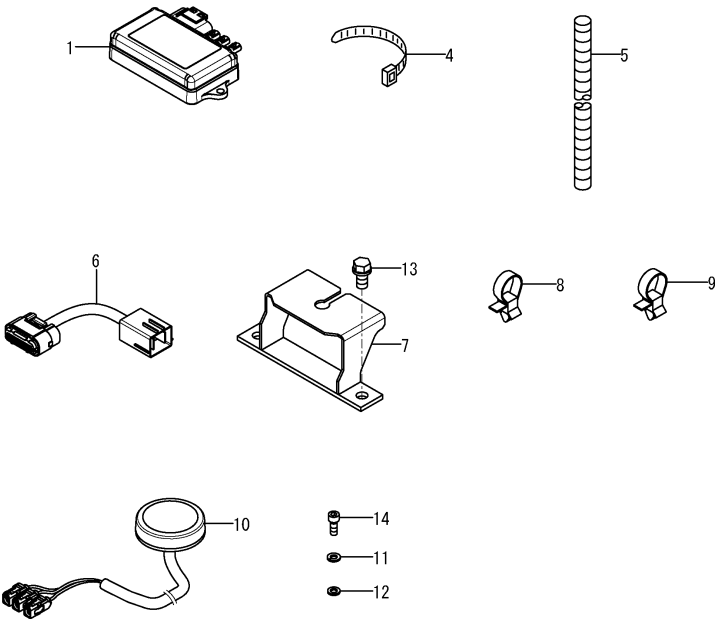
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300		6						
2	1	172B11-16540	TUBE, PROTECTOR 7		1						
3	1	172B62-17850	BRACKET ASSY, GPS 3		1						
4	1	1E8775-84120	CLAMP, BAND B		4						
5	1	1E8490-84130	CLAMP, BAND		3						
6	1	1RF001-93600	ANTENNA,SA-R3		1						
7	1	26013-100202	BOLT, M10X 20		2						



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

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

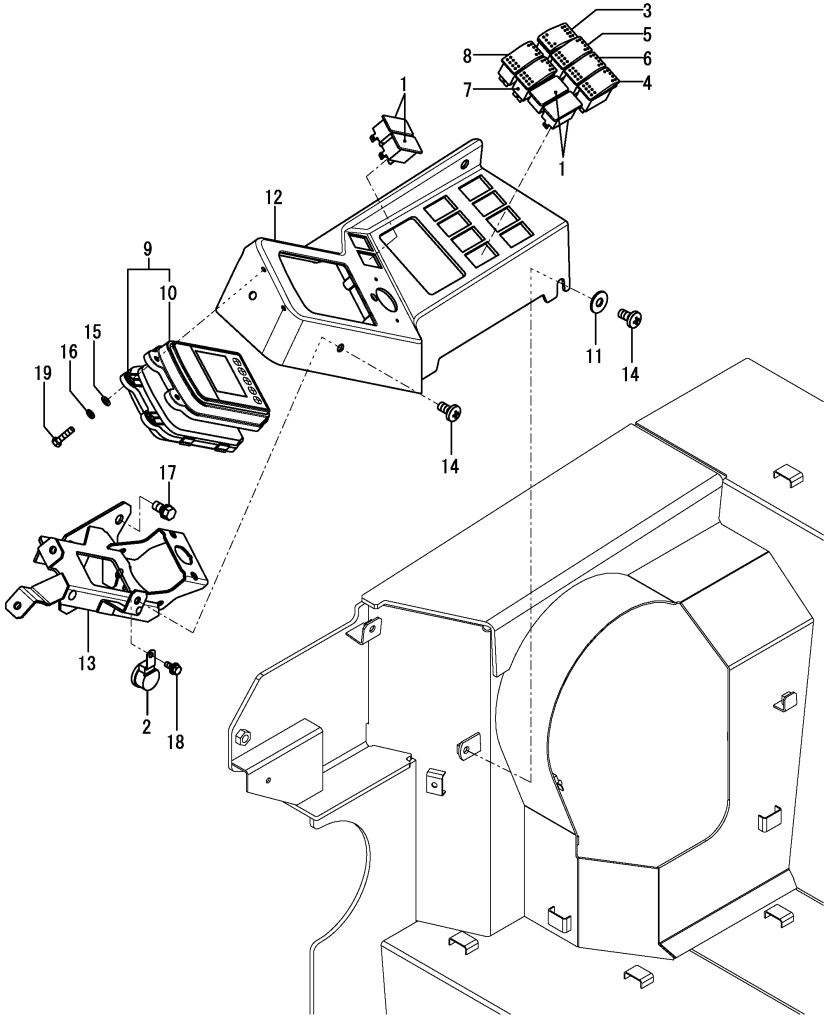


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00600	CONTROLLER,SA-R3IBGL		1						1
1-1	1	1RF001-00601	CONTROLLER,SA-R3IBGL (B=*2023.01)		1					N	1
1-2	1	1RF001-00650	CONTROLLER,SA-R3IBKR (B=M01051)		1					N	1
4	1	172126-11510	BAND, BINDING 300		6						
5	1	172B11-16540	TUBE, PROTECTOR 7		1						
6	1	172B11-16770	HARNESS, REMOTE 3		1						
7	1	172B62-17850	BRACKET ASSY, GPS 3		1						
8	1	1E8775-84120	CLAMP, BAND B		4						
9	1	1E8490-84130	CLAMP, BAND		3						
10	1	1RF001-93600	ANTENNA,SA-R3		1						
11	1	22117-060000	WASHER, 6		2						
12	1	22217-060000	WASHER, SPRING 6		2						
13	1	26013-100202	BOLT, M10X 20		2						
14	1	26450-060162	BOLT, M6X 16		2						

Remarks
(1)To install proper information, go to an authorized distributor.
Note : Carrier registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.
Note : Registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.

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

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



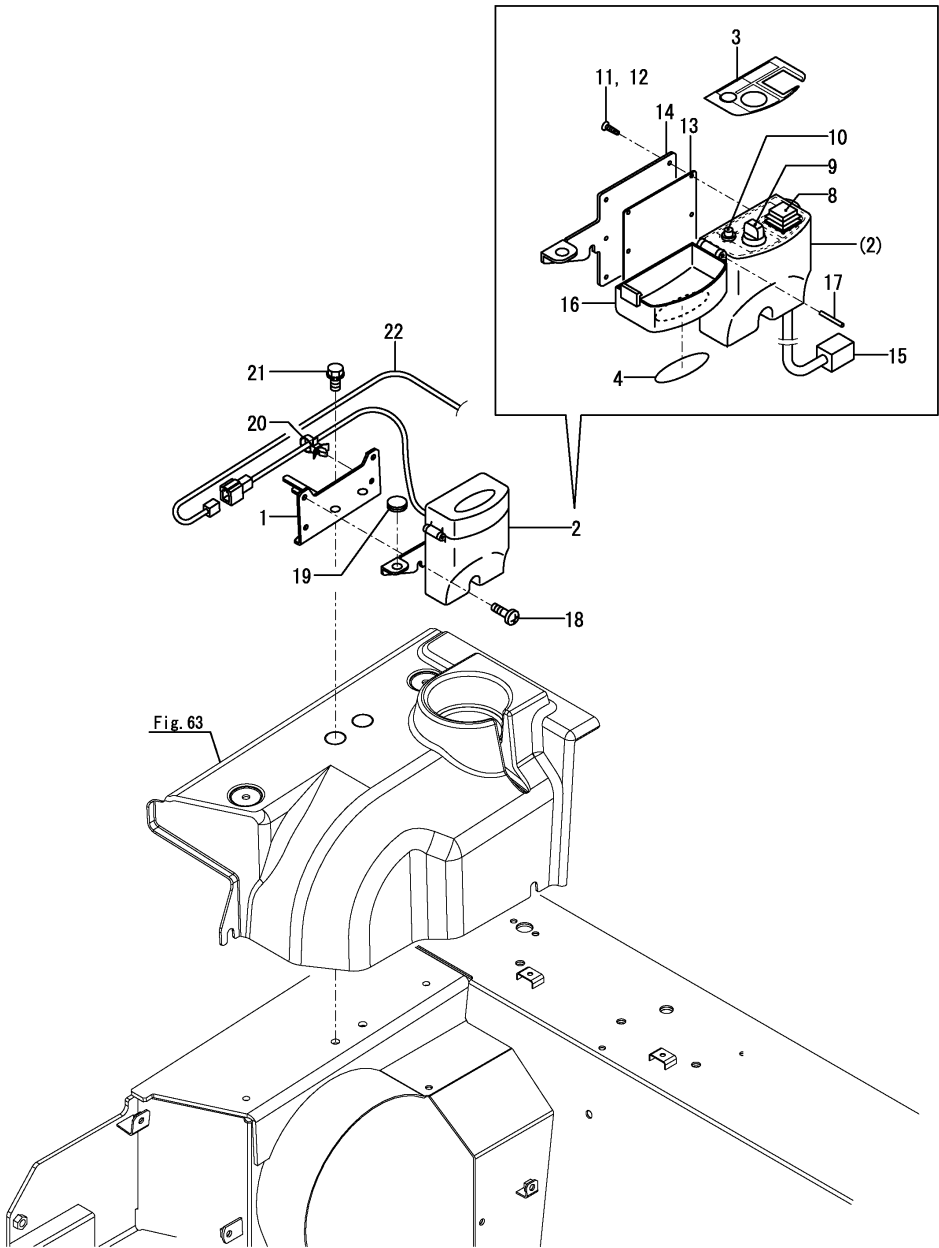
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172538-17100	PLUG, PANEL	4	4						
2	1	172141-17150	BUZZER	1	1						
3	1	172B11-17200	SWITCH, DPF	1	1						
4	1	172A69-17211	SWITCH, TRAVLE	1	1						
5	1	172A69-17221	SWITCH, WIPER	1	1						
6	1	172A69-17231	SWITCH, LIGHT	1	1						
7	1	172A69-17241	SWITCH, AUTO DECEL	1	1						
8	1	172A69-17251	SWITCH, ECO	1	1						
9	1	172B03-17258	MONITOR ASSY	1	1						
9-1	1	172B03-17259	MONITOR ASSY	1	1						N
		(A=M00604) (B=M00604)									
9-2	1	172B03-15000	MONITOR ASSY	1	1						N
		(A=M01051) (B=M01051)									
9-3	1	172B03-15001	MONITOR ASSY	1	1						N
		(A=*2025.01) (B=*2025.01)									
10	2	172B03-17261	MONITOR ASSY, UPPER	1	1						
10-1	2	172B03-17262	MONITOR ASSY,UPPER	1	1						N
		(A=M01051) (B=M01051)									
11	1	172458-62430	WASHER, M8	2	2						
12	1	172B11-63240	PANEL, INSTRUMENT D	1	1						
13	1	172B11-63500	STAY ASSY, PANEL	1	1						
14	1	172137-69850	SCREW, BIND	4	4						
15	1	22137-050000	WASHER, 5	4	4						Z
		(A=M01117) (B=M01117)									
16	1	22217-050000	WASHER, SPRING 5	4	4						Z
		(A=M01117) (B=M01117)									
17	1	26013-100202	BOLT, M10X 20	3	3						
18	1	26014-060162	BOLT, M6X 16	1	1						
19	1	26116-050202	BOLT, M5X 20 PLATED	4	4						
19-1	1	172B03-17290	BOLT, PW SW 5X20	4	4						N
		(A=M01117) (B=M01117)									

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.

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

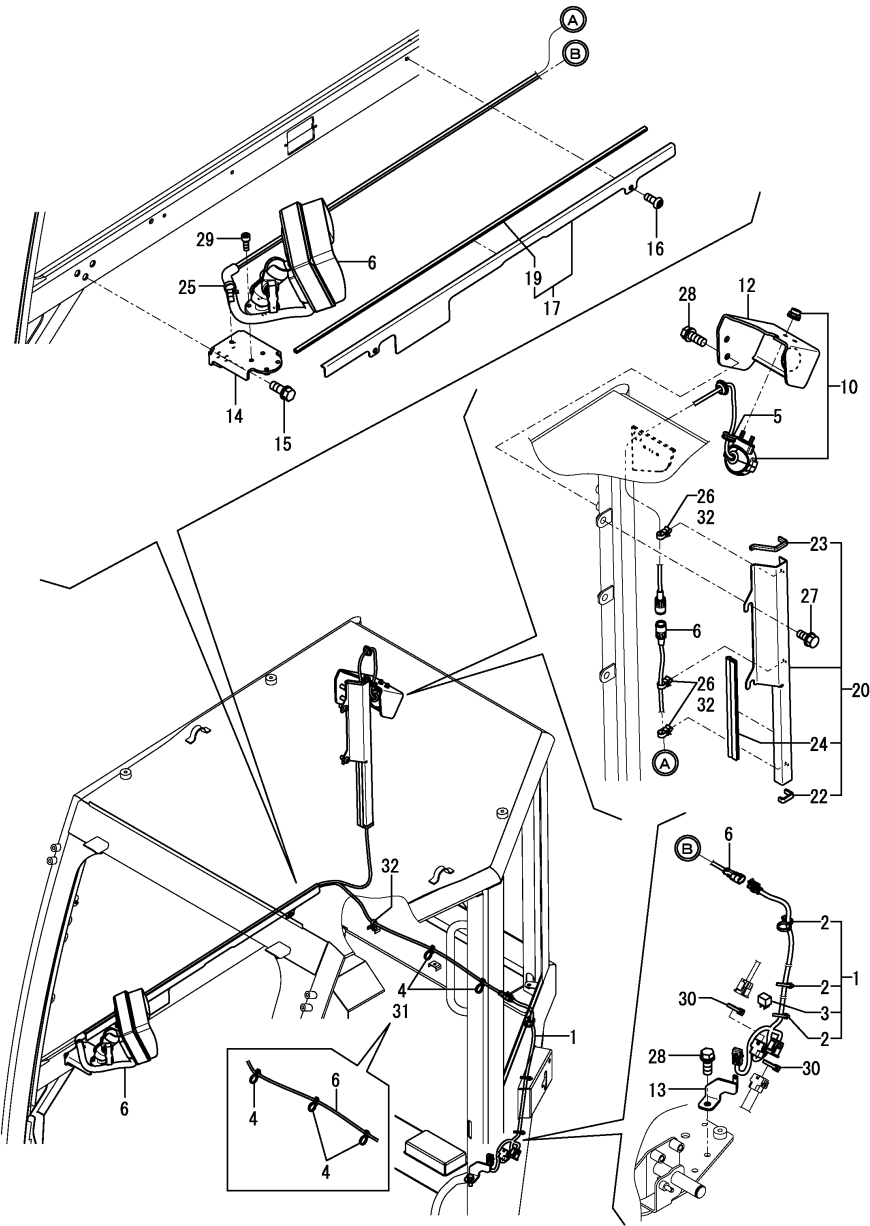
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-17150	BRACKET ASSY, QH	1	1						
2	1	172958-17410	BOX, SWITCH EX D	1							
2-1	1	172958-17411	BOX, SWITCH EX D	1	1						N
(A=M00604)											
3	2	172472-03290	LABEL, SWITCH	1	1						
4	2	172472-03300	LABEL, COVER	1	1						
8	3	172958-17140	SWITCH ASSY	1	1						
9	3	172958-17150	SWITCH ASSY, CONTROL	1	1						
10	3	172958-17160	LAMP, INDICATOR	1	1						
11	3	172958-17170	SCREW, TAPPING	6	6						
12	3	172958-17180	SCREW, TAPPING	2	2						
13	3	172958-17190	PACKING	1	1						
14	3	172958-17200	BRACKET	1	1						
15	3	172958-17220	CORD, CP 4P	1	1						
16	3	172958-17230	CASE, UPPER	1	1						
17	3	22351-030028	PIN, SPRING 3.0X28	1	1						
18	1	172137-46210	SCREW, BIND	2	2						
19	1	172187-64900	PLUG	1	1						
20	1	1E8775-84120	CLAMP, BAND B	1	1						
21	1	26013-100252	BOLT, M10X 25	2	2						
22	1	172B11-16270	HARNESS, QH	1	1						



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

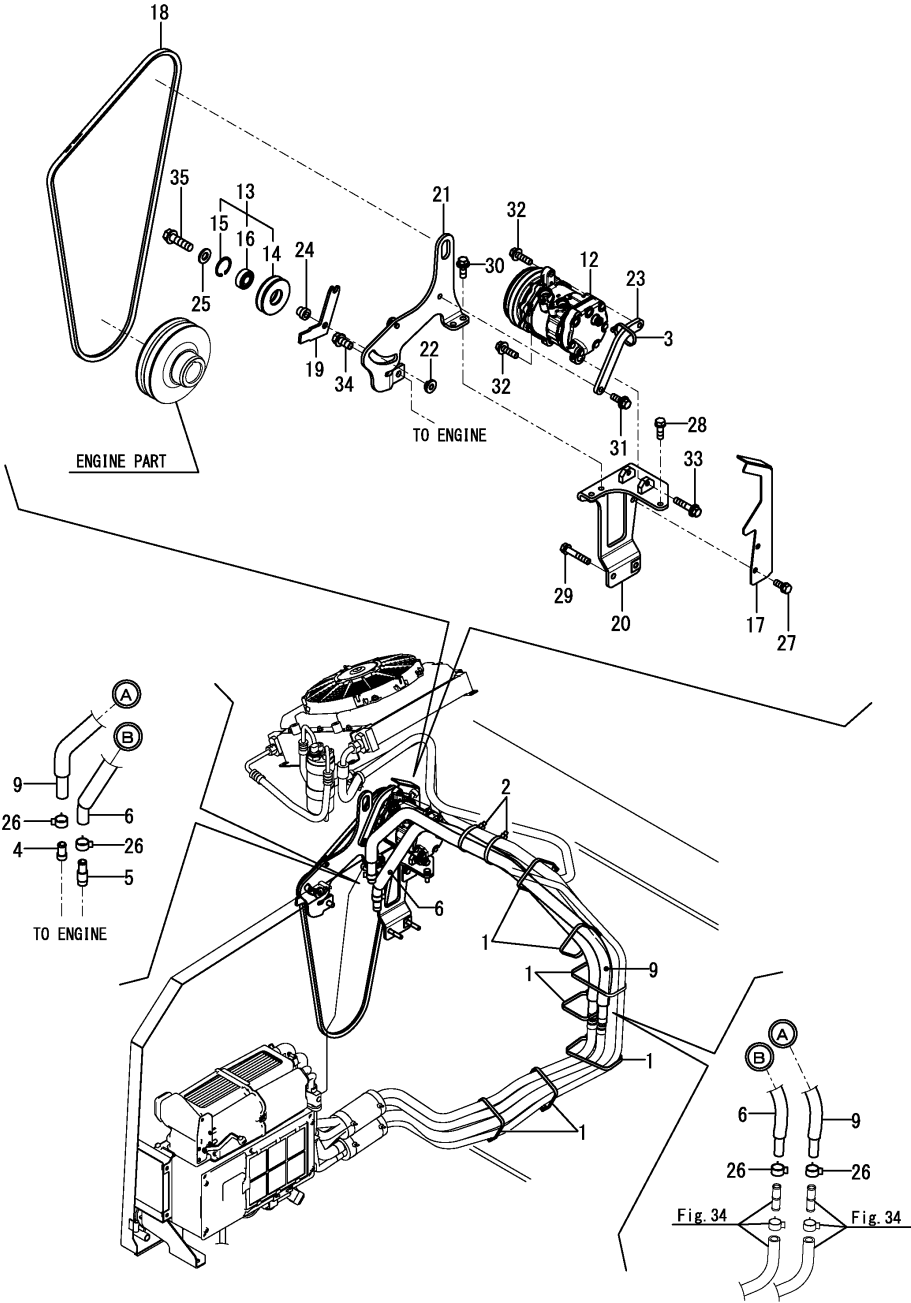
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-16080	HARNESS ASSY,BM	1	1						
2	2	172137-16560	BAND, BINDING W	3	3						
3	2	1E8665-83150	FUSE, MINI 5A	1	1						
4	1	172137-16560	BAND, BINDING W	3	3						1
5	1	172187-16560	GROMMET, 15.20.4.5	1	1						
6	1	172B11-17660	MONITOR ASSY,ORLACO	1	1						
10	1	172B11-17700	CAMERA,ORLACO	1	1						
10-1	1	172B11-17701	CAMERA,ORLACO	1	1						N
(A=M01089) (B=M01089)											
12	1	172B11-18750	STAY ASSY,CAMERA	1	1						
13	1	172B11-18830	STAY ASSY,FUSE	1	1						
14	1	172B11-18860	STAY ASSY,MONITOR	1	1						
15	1	172164-19130	BOLT, 10X25	3	3						
16	1	172458-46720	BOLT, BUTTON	2	2						
17	1	172B11-63900	COVER ASSY,A HARNESS	1	1						
19	2	172B11-63921	SEAL,930	1	1						
20	1	172B11-63940	COVER ASSY,B HARNESS	1	1						
22	2	172B11-63961	SEAL,50	1	1						
23	2	172B11-63971	SEAL,95	1	1						
24	2	172B11-63980	SEAL,230	1	1						
25	1	1E8775-84120	CLAMP, BAND B	1	1						
26	1	1E8490-84130	CLAMP, BAND	3	3						1
27	1	198071-85440	BOLT, M10X20	2	2						
28	1	26013-100252	BOLT, M10X 25	3	3						
29	1	26450-060162	BOLT, M6X 16	4	4						
30	1	933168-55770	BAND, BINDING 146	2	2						
31	1	172137-16560	BAND, BINDING W	2	2						2
32	1	1E8490-84130	CLAMP, BAND	4	4						2

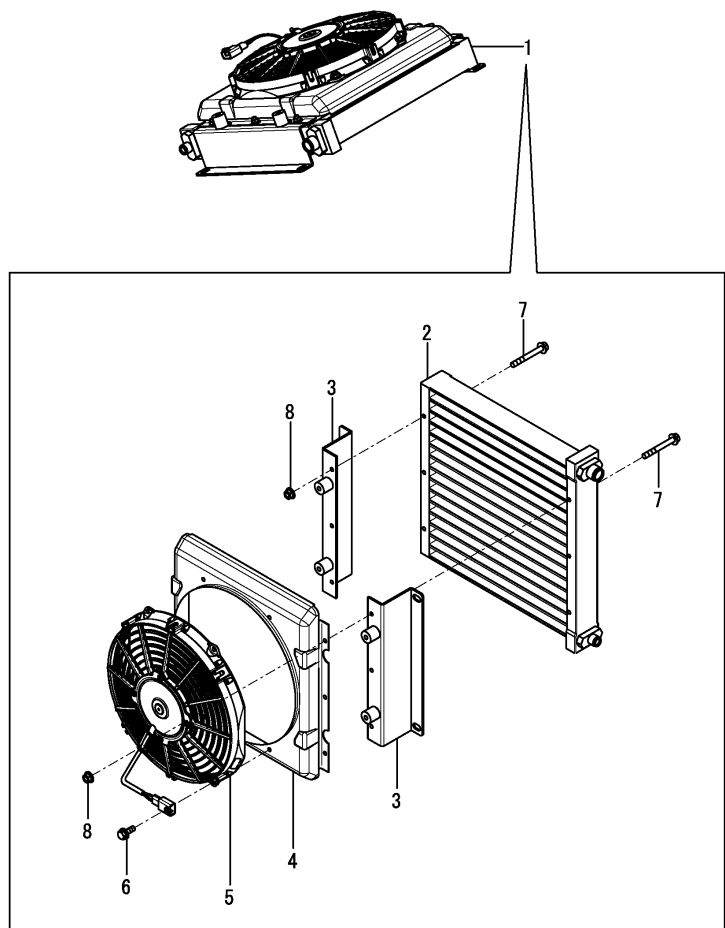
Remarks
(1)Quick coupler specification.
(2)Without quick coupler specification.

Fig.29. AIR CONDITIONER(ENGINE RELATED)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	7	7						
2	1	172137-16560	BAND, BINDING W	2	2						
3	1	172137-16560	BAND, BINDING W	1	1						
4	1	172124-17640	JOINT, PIPE 3/8	1	1						
4-1	1	121851-11970	JOINT, PIPE 3/8	1	1						R
		(A=M00662) (B=M00662)									
5	1	172B11-17640	JOINT, PIPE 3/8	1	1						
6	1	172A89-17810	HOSE ASSY, 1050	1	1						
9	1	172A69-17840	HOSE ASSY, 1050	1	1						
12	1	172B11-18100	COMPRESSOR ASSY, 116	1	1						
12-1	1	172B11-18101	COMPRESSOR ASSY, 116	1	1						N
		(A=*2025.12) (B=*2025.12)									
13	1	172A69-18150	PULLEY ASSY, TENSION	1	1						
14	2	172A69-18160	PULLEY, TENSION	1	1						
15	2	22252-000350	RING, 35	1	1						
16	2	24104-062020	BEARING, 6202UUC3	1	1						
17	1	172B11-18150	GUARD, BELT	1	1						
18	1	172A69-18190	V-BELT, HM60	1	1						
19	1	172B11-18290	BAR, ADJUST	1	1						
20	1	172B11-18300	BRACKET ASSY	1	1						
21	1	172B11-18370	BRACKET ASSY, PULLEY	1	1						
22	1	172187-18410	NUT, PULLEY	1	1						
23	1	172B11-18410	PLATE, COMPRESSOR	1	1						
24	1	129466-96240	SPACER, PULLEY	1	1						
25	1	22137-100000	WASHER, 10	1	1						
26	1	23080-018000	CLAMP, 18	4	4						
27	1	26013-080202	BOLT, M8X 20	2	2						
28	1	26013-080252	BOLT, M8X 25	1	1						
29	1	26013-080452	BOLT, M8X 45	2	2						
30	1	26014-080252	BOLT, M8X 25	2	2						
31	1	26014-080252	BOLT, M8X 25	1	1						
32	1	26014-080302	BOLT, M8X 30	2	2						
33	1	26014-080402	BOLT, M8X 40	1	1						
34	1	26106-100202	BOLT, M10X 20 PLATED	1	1						
35	1	26106-100352	BOLT, M10X 35 PLATED	1	1						

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

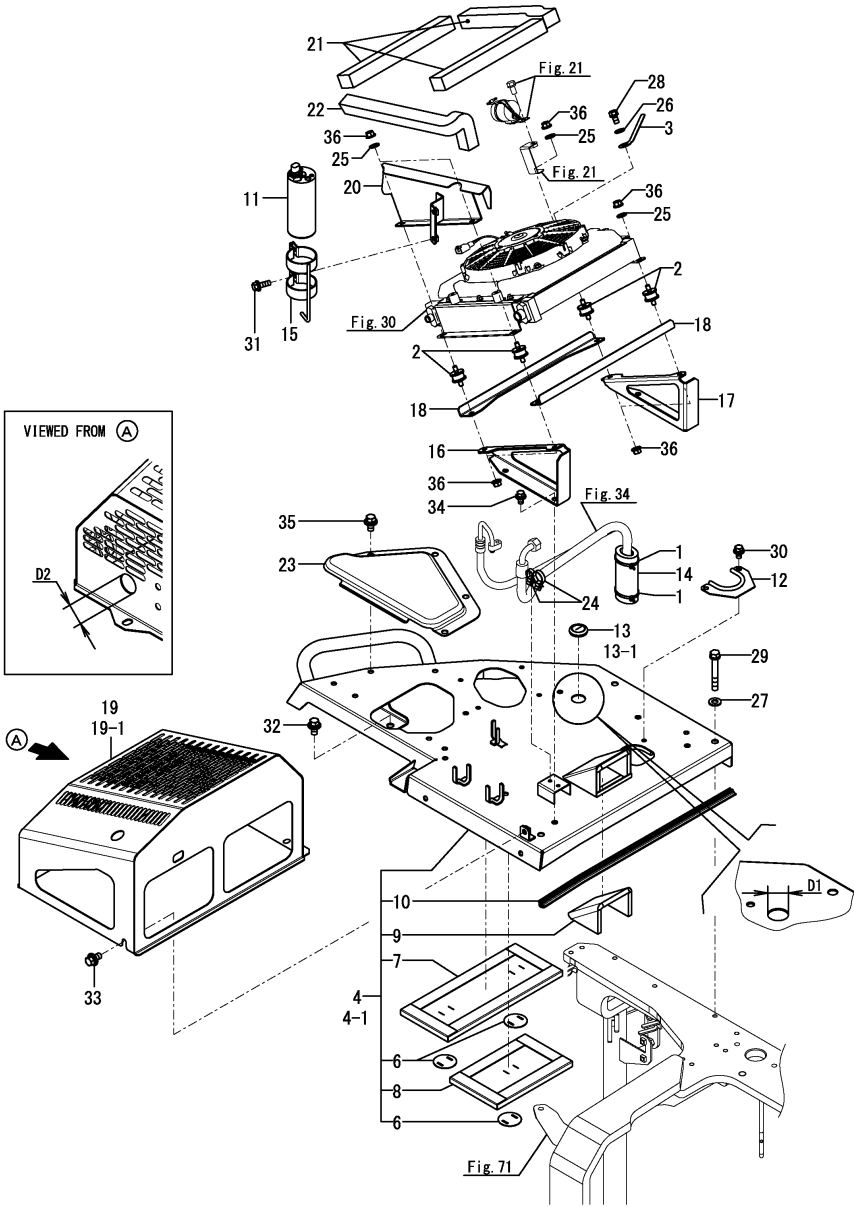


No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS)	(D)=	I	R
				(B)=VIO82 C(KR)	(E)=		
				(C)=	(F)=		
				(A)	(B)	Q'ty	
				(C)	(D)	(E)	(F)
1	1	172B03-19680	CONDENSER ASSY	1	1		
2	2	172B06-19260	CONDENSER	1	1		
3	2	172B03-19650	BRACKET ASSY	2	2		
4	2	172B03-19660	COVER ASSY, FAN	1	1		
5	2	172B03-19670	MOTOR ASSY, FAN	1	1		
6	2	26106-060162	BOLT, M6X 16 PLATED	4	4		
7	2	26106-060602	BOLT, M6X 60 PLATED	6	6		
8	2	26366-060002	NUT, M6	6	6		

Fig.31. AIR CONDITIONER(CONDENSER RELATED)

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

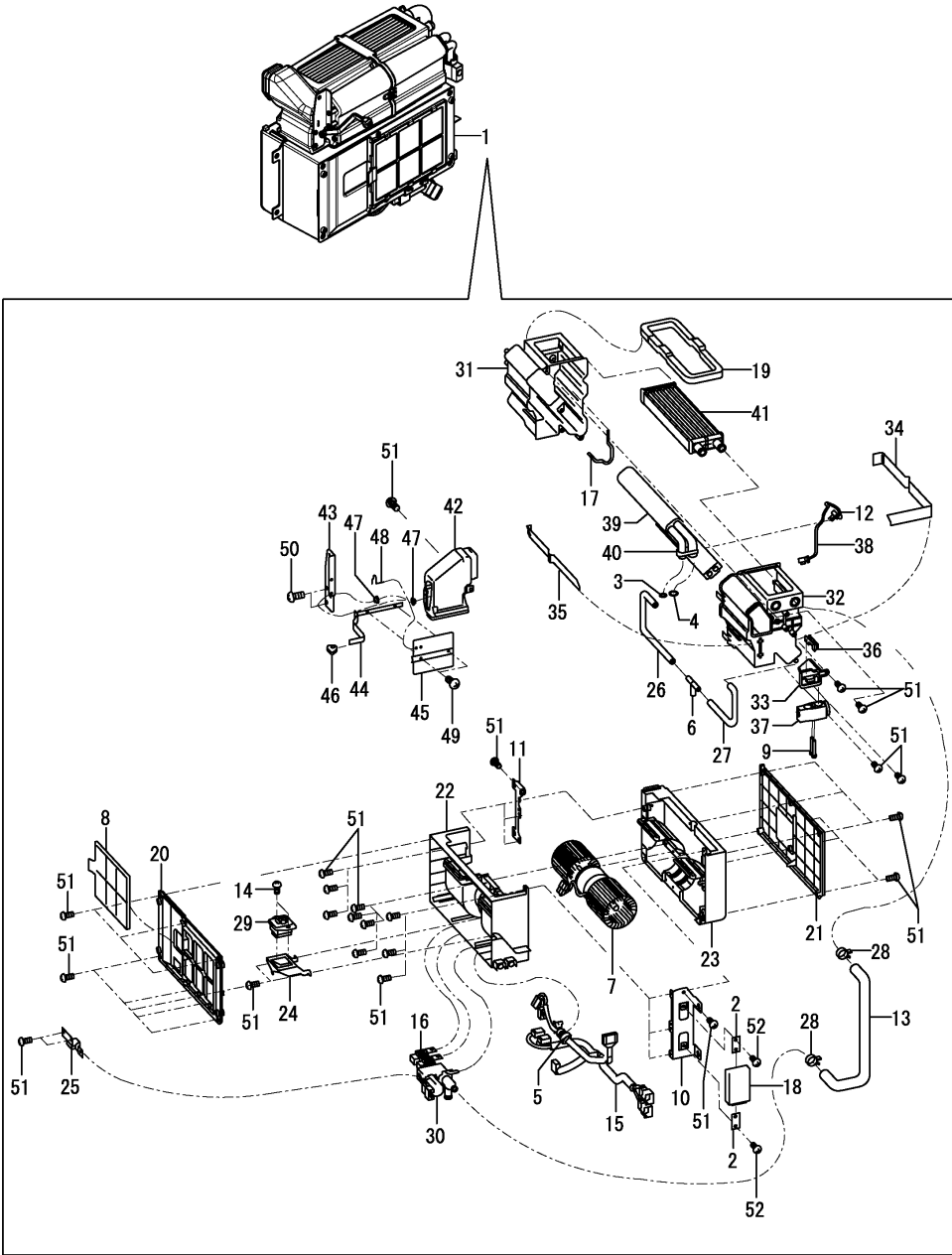
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2	2						
2	1	172447-13550	MOUNT, EVER	4	4						
3	1	172126-16540	CLAMP, 10X70	1	1						
4	1	172B11-18441	BASE ASSY, CONDENSER	1	1						
4-1	1	172B11-18442	BASE ASSY,COND	1	1					F	1
		(A=M00978) (B=M00978)									
6	2	172B11-18570	PLATE, INSULATOR	3	3						
7	2	172B11-18580	INSULATOR, A	1	1						
8	2	172B11-18590	INSULATOR, H	1	1						
9	2	172B11-18680	INSULATOR, J	1	1						
10	2	172444-61320	RUBBER, SEAL 580	1	1						
11	1	172B06-18450	RECEIVER-DRYER	1	1						
12	1	172A89-18580	COVER ASSY, HOSE U	1	1						
13	1	172B11-18880	GROMMET, 30	1	1						
13-1	1	1E8945-62320	GROMMET, 36	1	1						S
		(A=M00978) (B=M00978)									
14	1	172B11-18900	SPONGE, 42X120	1	1						
15	1	172B03-18950	BRACKET ASSY, R/D	1	1						
16	1	172B11-19500	BRACKET, CONDENSER F	1	1						
17	1	172B11-19520	BRACKET, CONDENSER R	1	1						
18	1	172B11-19580	RIB, BRACKET	2	2						
19	1	172B11-19610	COVER ASSY,CONDENSER	1	1						
19-1	1	172B11-19611	COVER ASSY,COND	1	1						S 2
		(A=M00978) (B=M00978)									
20	1	172B11-19701	PLATE ASSY, SEAL	1	1						
21	1	172B11-19770	SEAL, 310	3	3						
22	1	172B11-19780	SEAL, 420	1	1						
23	1	172B12-62130	COVER, UPPER	1	1						
24	1	1E8490-84130	CLAMP, BAND	2	2						
25	1	22137-080000	WASHER, 8	4	4						
26	1	22137-080000	WASHER, 8	1	1						
27	1	22137-100000	WASHER, 10	3	3						
28	1	26013-080162	BOLT, M8X 16	1	1						
29	1	26013-100702	BOLT, M10X 70	3	3						
30	1	26014-080162	BOLT, M8X 16	2	2						
31	1	26014-080252	BOLT, M8X 25	2	2						
32	1	26014-100202	BOLT, M10X 20	1	1						
33	1	26014-100202	BOLT, M10X 20	4	4						
34	1	26014-100202	BOLT, M10X 20	4	4						
35	1	26014-100202	BOLT, M10X 20	4	4						
36	1	26051-080002	NUT, M8	8	8						

Remarks
(1)D1=No.4 : 30mm, No.4-1 : 36mm.
Interchangeable by simultaneous replacement with No.13-1.
(3)D2=No.19 : 31mm, No.19-1 : 36mm.

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



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

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

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	2						

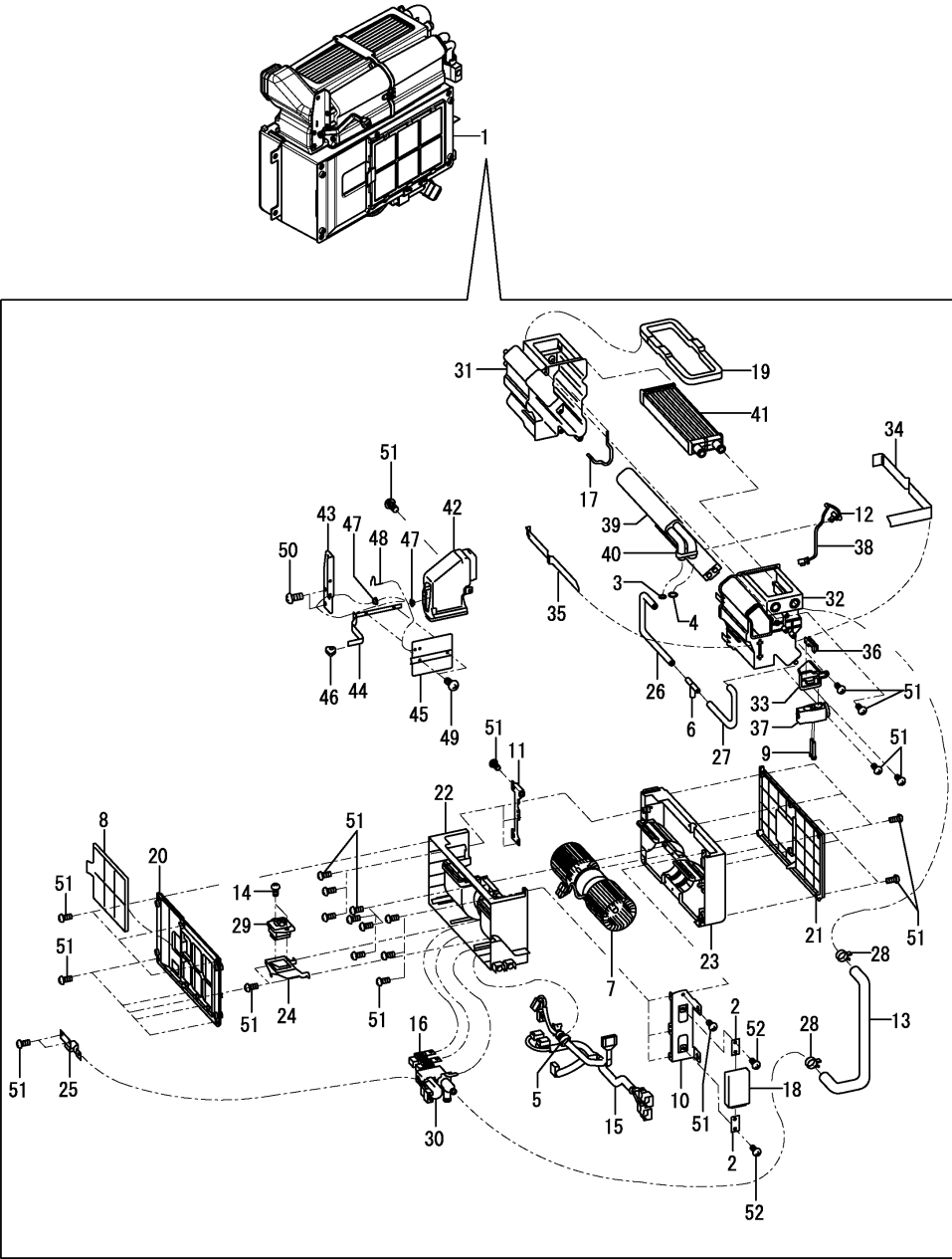
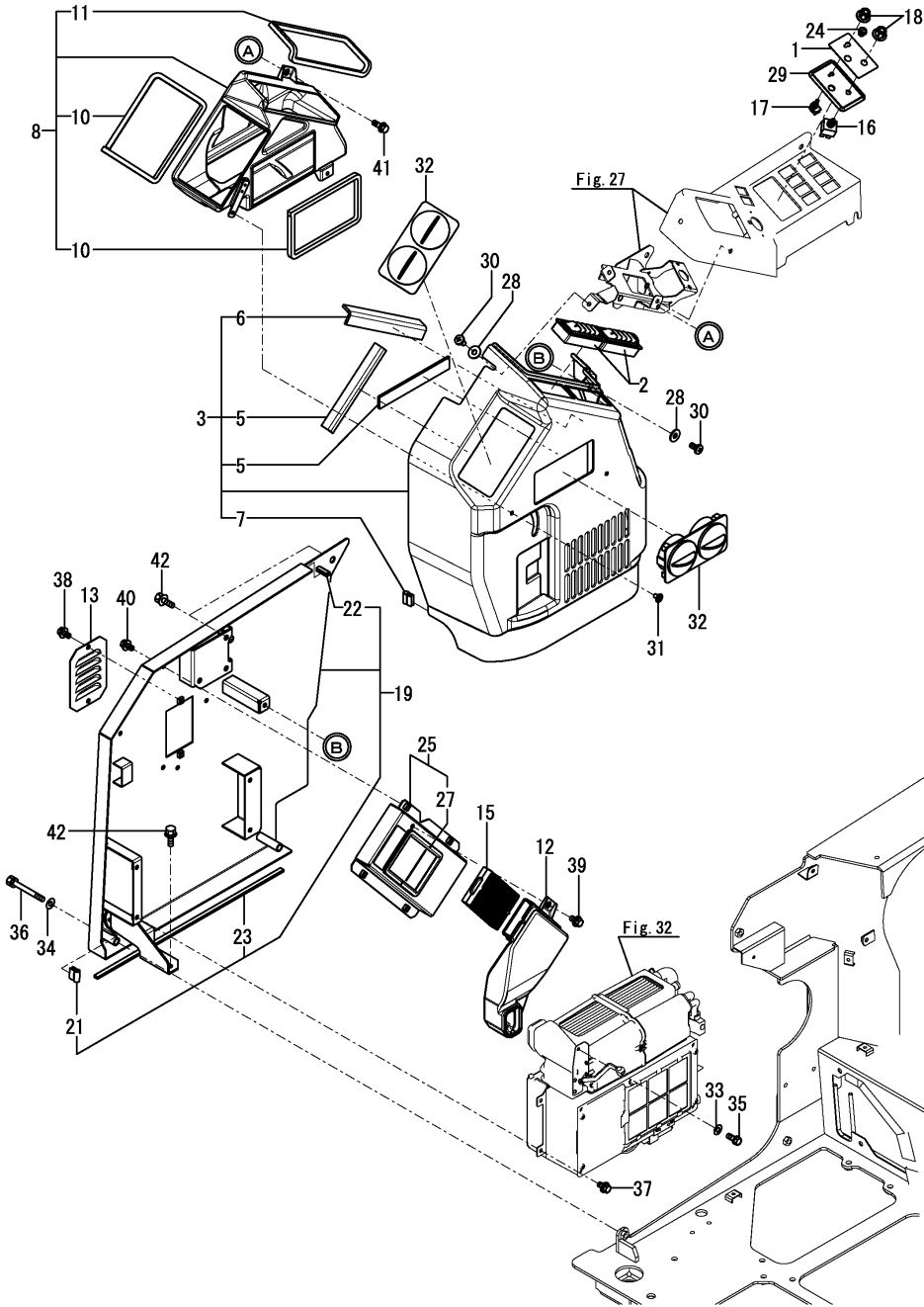


Fig.33. AIR CONDITIONER(CABIN RELATED)

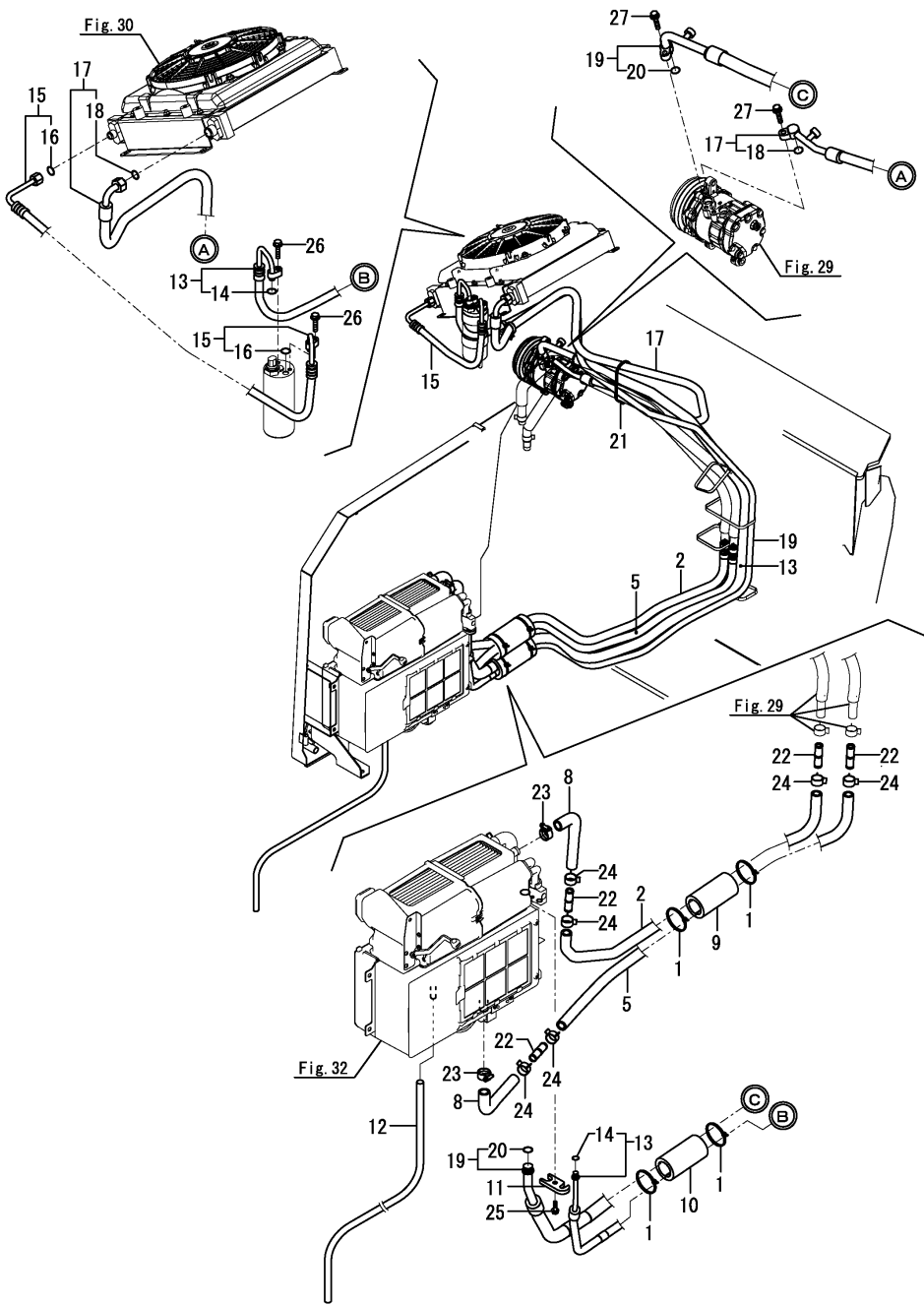


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-03250	LABEL, SWITCH	1	1						
2	1	172458-17700	GRILLE	2	2						
3	1	172B11-18210	COVER ASSY, AIR CON	1	1						
5	2	172B11-18240	SHEET, INSULATOR A	2	2						
6	2	172B11-18250	SHEET, INSULATOR B	1	1						
7	2	172B11-19760	SEAL, 25	1	1						
8	1	172B11-18700	DUCT ASSY, AIR CON	1	1						
10	2	172A69-18750	SEAL, DUCT C	2	2						
11	2	172B11-18810	SEAL, 700	1	1						
12	1	172B11-18740	DUCT, AIR CON	1	1						
13	1	172B11-18780	LOUVER	1	1						
15	1	172B06-18420	FILTER, AIR	1	1						
16	1	172B06-18560	SWITCH, BLOWER	1	1						
17	1	172B06-18570	SWITCH, THERMO	1	1						
18	1	172B06-18580	KNOB	2	2						
19	1	172B11-19110	BRACKET ASSY, AC U	1	1						
21	2	172B11-19760	SEAL, 25	1	1						
22	2	172455-61580	RUBBER, EDGE 30	1	1						
23	2	172458-64140	SEAL, 560	1	1						
24	1	172B03-19160	SWITCH ASSY, AC	1	1						
25	1	172B11-19250	DUCT ASSY	1	1						
27	2	172162-62540	SEAL, STEP	1	1						
28	1	172458-62430	WASHER, M8	2	2						
29	1	172B03-63670	PANEL, AC D	1	1						
29-1	1	172B03-63671	PANEL, AC D	1	1						N
(A=*2024.08) (B=*2024.08)											
30	1	172137-69850	SCREW, BIND	2	2						
31	1	1A8060-84280	RIVET, PUSH	2	2						
32	1	1A7030-87411	GRILLE ASSY, FRONT	2	2						
33	1	22117-060000	WASHER, 6	1	1						
34	1	22137-100000	WASHER, 10	2	2						
35	1	26013-060102	BOLT, M6X 10	1	1						
36	1	26013-100852	BOLT, M10X 85	2	2						
37	1	26014-080162	BOLT, M8X 16	4	4						
38	1	26014-080162	BOLT, M8X 16	2	2						
39	1	26014-080162	BOLT, M8X 16	1	1						
40	1	26014-080162	BOLT, M8X 16	4	4						
41	1	26014-080202	BOLT, M8X 20	1	1						
42	1	26014-100252	BOLT, M10X 25	3	3						

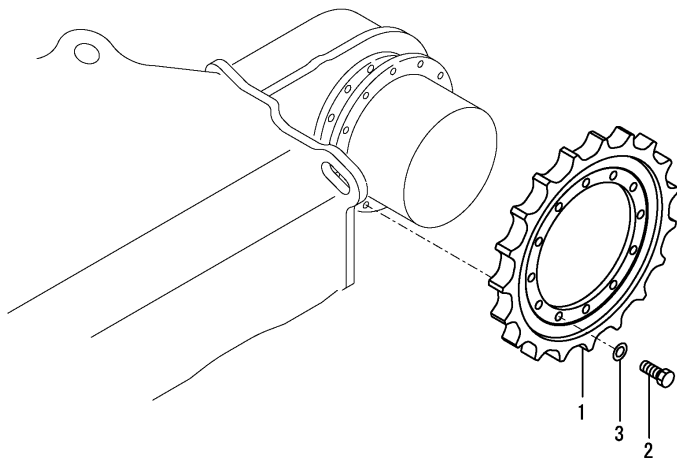
Fig.34. AIR CONDITIONER(PIPING)

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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	4	4						
2	1	172A89-17810	HOSE ASSY, 1050	1	1						
5	1	172A69-17840	HOSE ASSY, 1050	1	1						
8	1	172B11-17870	HOSE, HEATER A	2	2						
9	1	172A69-18900	SPONGE, HOSE 120X53	1	1						
10	1	172B11-18900	SPONGE, 42X120	1	1						
11	1	172B03-19110	PLATE, FLANGE	1	1						
12	1	172B11-19870	HOSE, DRAIN AC	1	1						
13	1	172B11-19800	HOSE, VALVE	1	1						
14	2	172B06-18700	O-RING, L-HOSE	2	2						
15	1	172B11-19830	HOSE, RECIEVER	1	1						
16	2	172B06-18700	O-RING, L-HOSE	2	2						
17	1	172B11-19840	HOSE, DISCHARGE	1	1						
18	2	172B06-18680	O-RING, D-HOSE	2	2						
19	1	172B11-19850	HOSE, SUCTION	1	1						
20	2	172B06-18690	O-RING, S-HOSE	2	2						
21	1	194202-56460	BAND, BINDING 200	1	1						
22	1	1A7030-88660	PIPE, JOINT	4	4						
23	1	23001-022000	CLAMP, HOSE 22	2	2						
24	1	23080-018000	CLAMP, 18	6	6						
25	1	26106-060202	BOLT, M6X 20 PLATED	1	1						
26	1	26106-060252	BOLT, M6X 25 PLATED	2	2						
27	1	26106-080252	BOLT, M8X 25 PLATED	2	2						

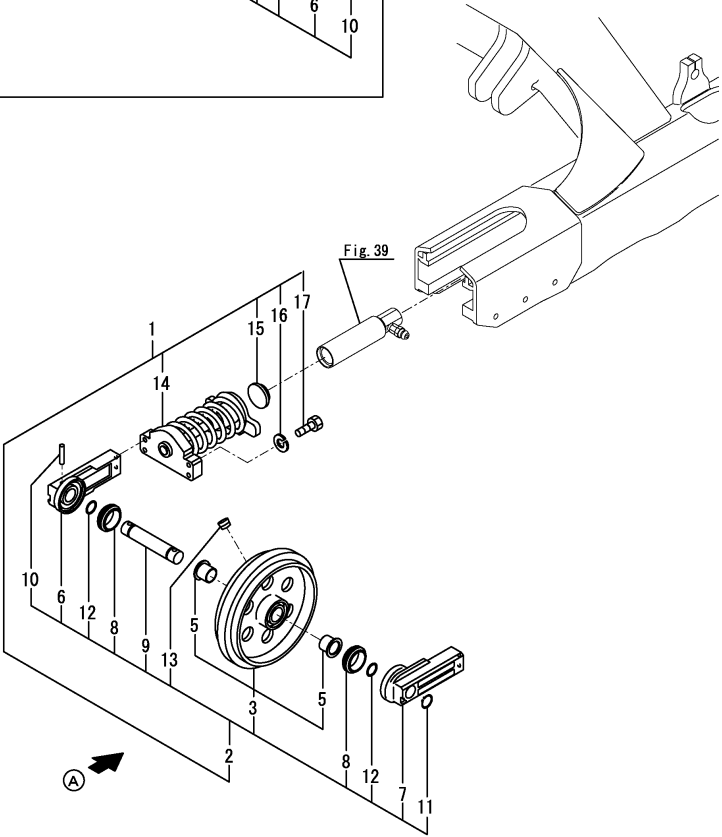
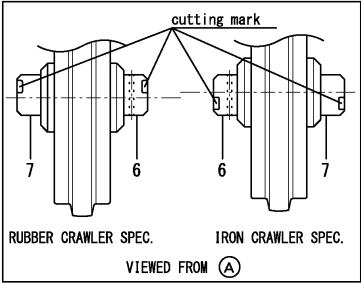
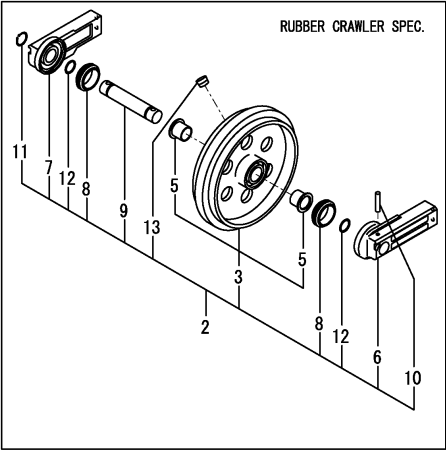


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-29100	SPROCKET, 19	2	2						
1-1	1	172B69-29100	SPROCKET, 19	2	2					R	
		(A=*2023.08)	(B=*2023.08)								
2	1	172455-29140	BOLT, 14X35	24	24						
3	1	172455-29150	WASHER, 14X25	24	24						
3-1	1	22217-140000	WASHER, SPRING 14	24	24					N	
		(A=M01116)	(B=M01116)								

Fig.36. IDLER & ADJUST

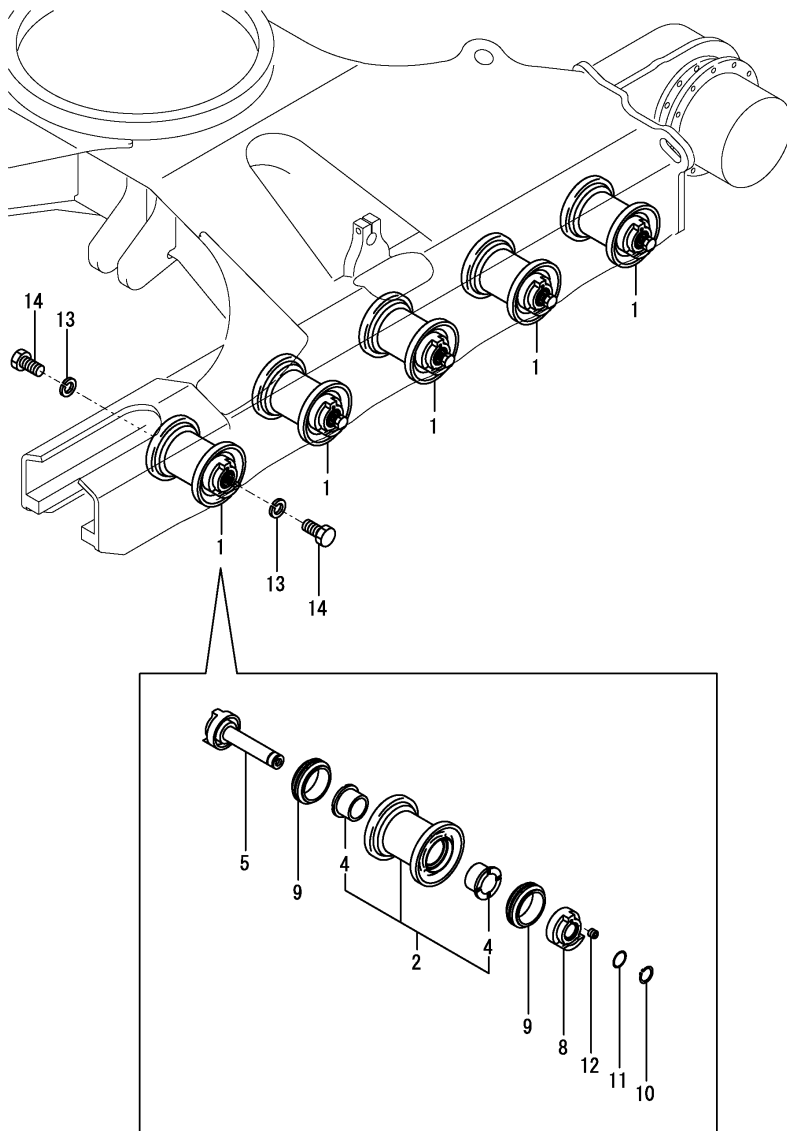
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

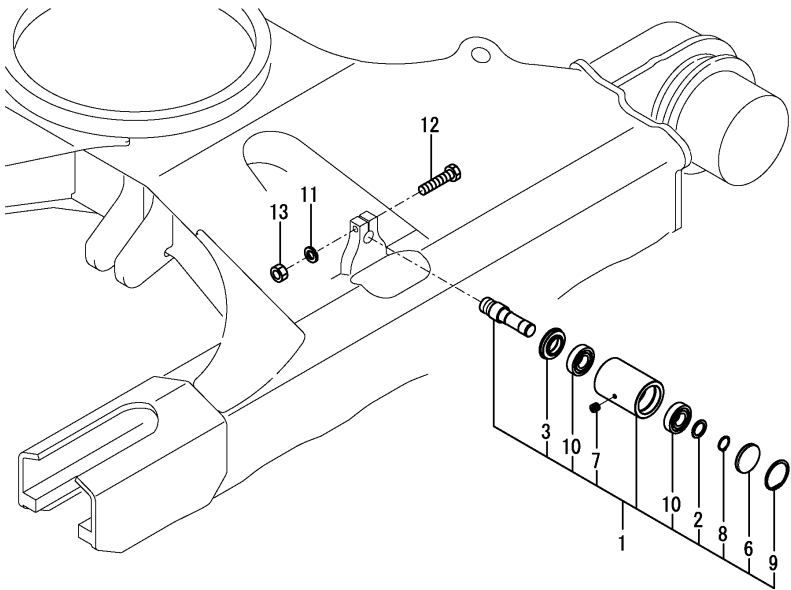


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772478-37120-1	IDLER ASSY	2	2						
2	2	772478-37101-2	IDLER ASSY	2	2						1
3	3	172478-37101	IDLER ASSY	2	2						
5	4	172478-37122	BUSH, FLANGE 44	4	4						
6	3	172478-37141	COVER, CYLINDER A	2	2						
7	3	172478-37151	COVER, CYLINDER B	2	2						
8	3	172455-37160	SEAL, FLOATING	4	4						
9	3	172455-37170	SHAFT, IDLER	2	2						
10	3	172455-37180	PIN, SPRING 10AWX70	2	2						
11	3	22242-000400	RING, 40	2	2						
12	3	24311-000380	O-RING, 1AP38.0	4	4						
13	3	933171-13691	PLUG, PT1/8	2	2						
14	2	172187-37700-3	ADJUSTER ASSY	2	2						
15	2	172162-37810	PLATE, ADJUSTER	2	2						
16	2	22217-140000	WASHER, SPRING 14	8	8						
17	2	26116-140602	BOLT, M14X 60 PLATED	8	8						

Remarks
(1)This part is used both rubber crawler & iron crawler.
When constructing Idler Assy, The direction of cutting mark of idler seal cover A & B is the opposite side concerning rubber crawler & iron crawler.



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B11-37300	ROLLER ASSY, LOWER	10	10						
2	2	172B11-37310	ROLLER ASSY, LOWER	10	10						
4	3	172B11-37330	BUSH	20	20						
5	2	172B11-37340	SHAFT ASSY	10	10						
8	2	172B11-37370	COVER, SEAL R	10	10						
9	2	172B11-37380	SEAL, FLOATING	20	20						
10	2	22242-000380	RING, 38	10	10						
11	2	24321-000350	O-RING, 1AG35.0	10	10						
12	2	933171-13691	PLUG, PT1/8	10	10						
13	1	22217-200000	WASHER, SPRING 20	20	20						
14	1	26076-200409	BOLT, 10.920X 40	20	20						



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

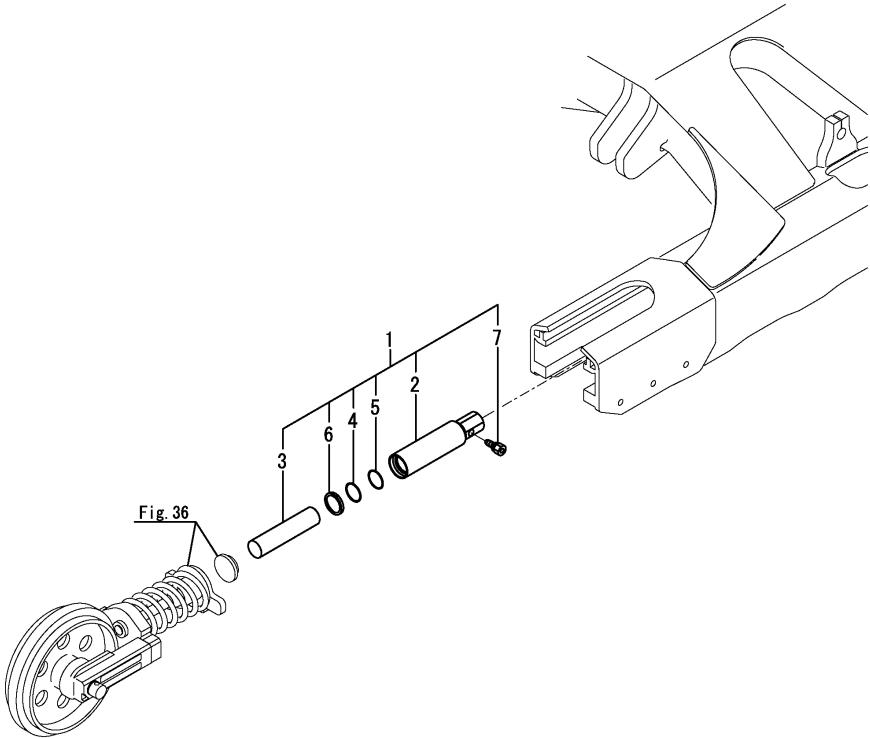
(D)=
(E)=
(F)=

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	2	172499-37610	COLLAR, 35 50 3	2	2						
3	2	172499-37600	SEAL,OIL45 85 8.5 19	2	2						
6	2	172A89-37530	PLUG, BORE 72	2	2						
7	2	933171-13691	PLUG, PT1/8	2	2						
8	2	22242-000350	RING, 35	2	2						
9	2	22252-000720	RING, 72	2	2						
10	2	24101-062074	BEARING, BALL 6207	4	4						
11	1	22217-160000	WASHER, SPRING 16	2	2						
12	1	26116-160852	BOLT, M16X 85 PLATED	2	2						
13	1	26716-160002	NUT, M16	2	2						

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

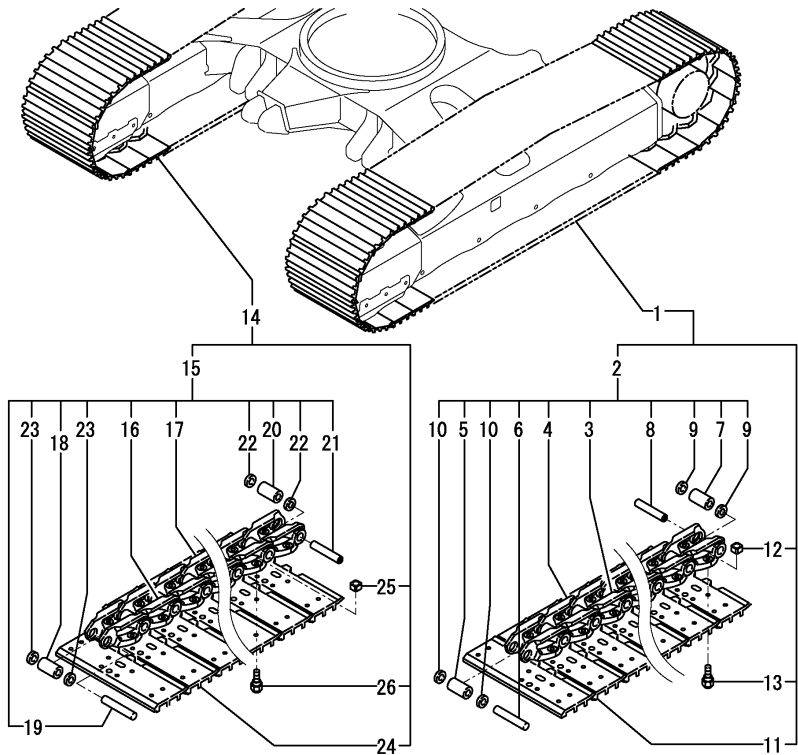
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-37750	CYLINDER ASSY,ADJUST	2	2						
2	2	172B11-37760	TUBE ASSY, ADJUST	2	2						
3	2	172B11-37790	PISTON	2	2						
4	2	172B11-37800	RING, BACK UP	2	2						
5	2	172B11-37810	SEAL, ISI 55X65X6	2	2						
6	2	172B11-37820	SEAL, DUST 55X69X11	2	2						
7	2	172B06-37951	NIPPLE, VALVE	2	2						

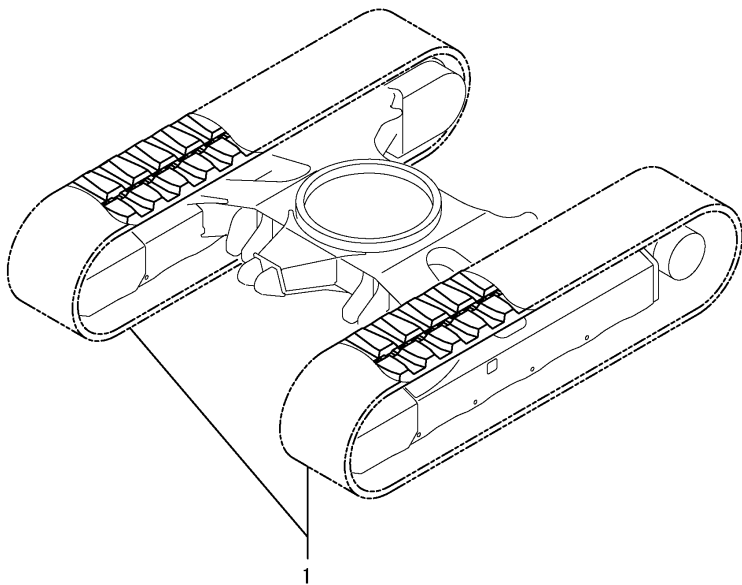


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
2	2	172B11-38120	LINK ASSY	1	1						
3	3	172B11-38180	LINK, TRACK L	39	39						
4	3	172B11-38190	LINK, TRACK R	39	39						
5	3	172B11-38220	BUSH, TRACK	38	38						
6	3	172B11-38230	PIN, TRACK	38	38						
7	3	172B11-38240	BUSH, MASTER	1	1						
8	3	172B11-38250	PIN, MASTER	1	1						
9	3	172B11-38260	SPACER	2	2						
10	3	172B11-38280	SEAL, DUCT	76	76						
11	2	172B11-38130	SHOE, TRACK 450 L	39	39						
12	2	172B11-38160	NUT, SHOE	156	156						
13	2	172B11-38170	BOLT, SHOE	156	156						
14	1	172B11-38110	SHOE ASSY,TRACK 450R	1	1						
15	2	172B11-38120	LINK ASSY	1	1						
16	3	172B11-38180	LINK, TRACK L	39	39						
17	3	172B11-38190	LINK, TRACK R	39	39						
18	3	172B11-38220	BUSH, TRACK	38	38						
19	3	172B11-38230	PIN, TRACK	38	38						
20	3	172B11-38240	BUSH, MASTER	1	1						
21	3	172B11-38250	PIN, MASTER	1	1						
22	3	172B11-38260	SPACER	2	2						
23	3	172B11-38280	SEAL, DUCT	76	76						
24	2	172B11-38140	SHOE, TRACK 450 R	39	39						
25	2	172B11-38160	NUT, SHOE	156	156						
26	2	172B11-38170	BOLT, SHOE	156	156						



No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172455-38601	CRAWLER, RUBBER 445	2						
1-1	1	172B11-38600	CRAWLER,RUBBER 450	2	2					N
		(A=M00534)								

Fig.42. TRAVEL LEVER

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

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

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

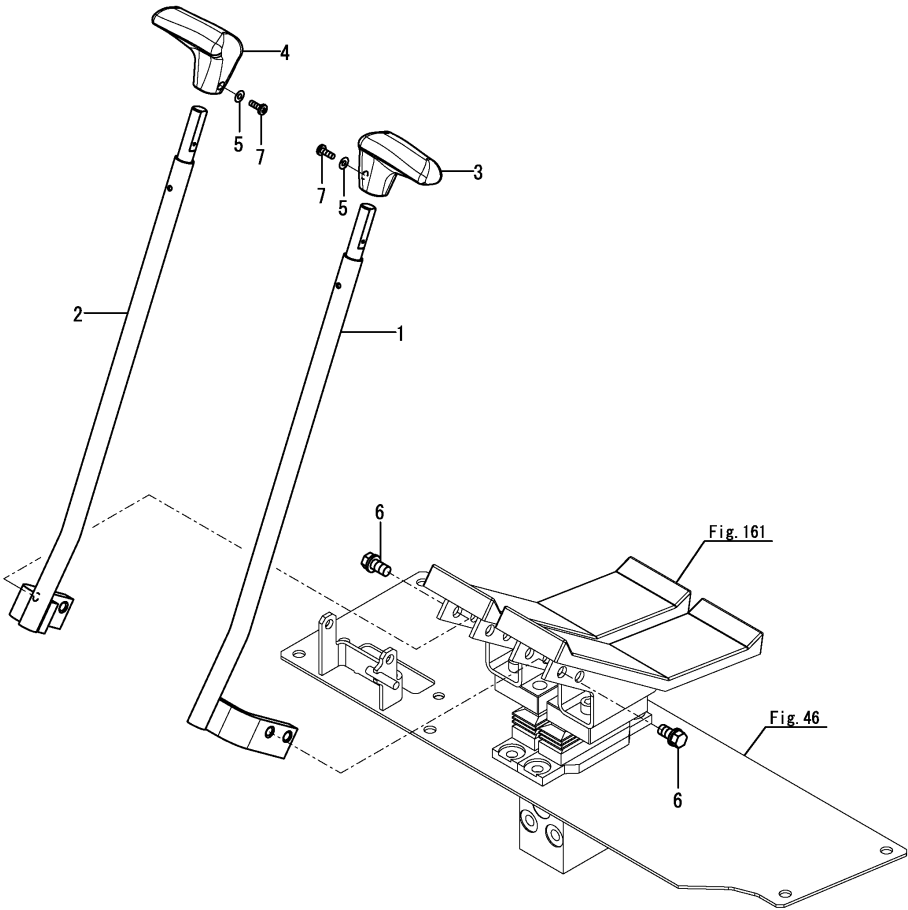
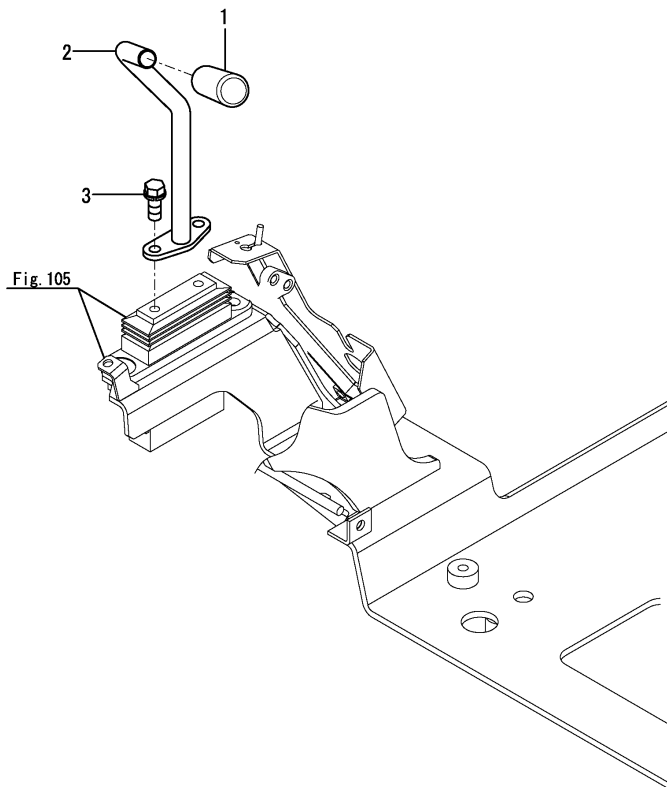
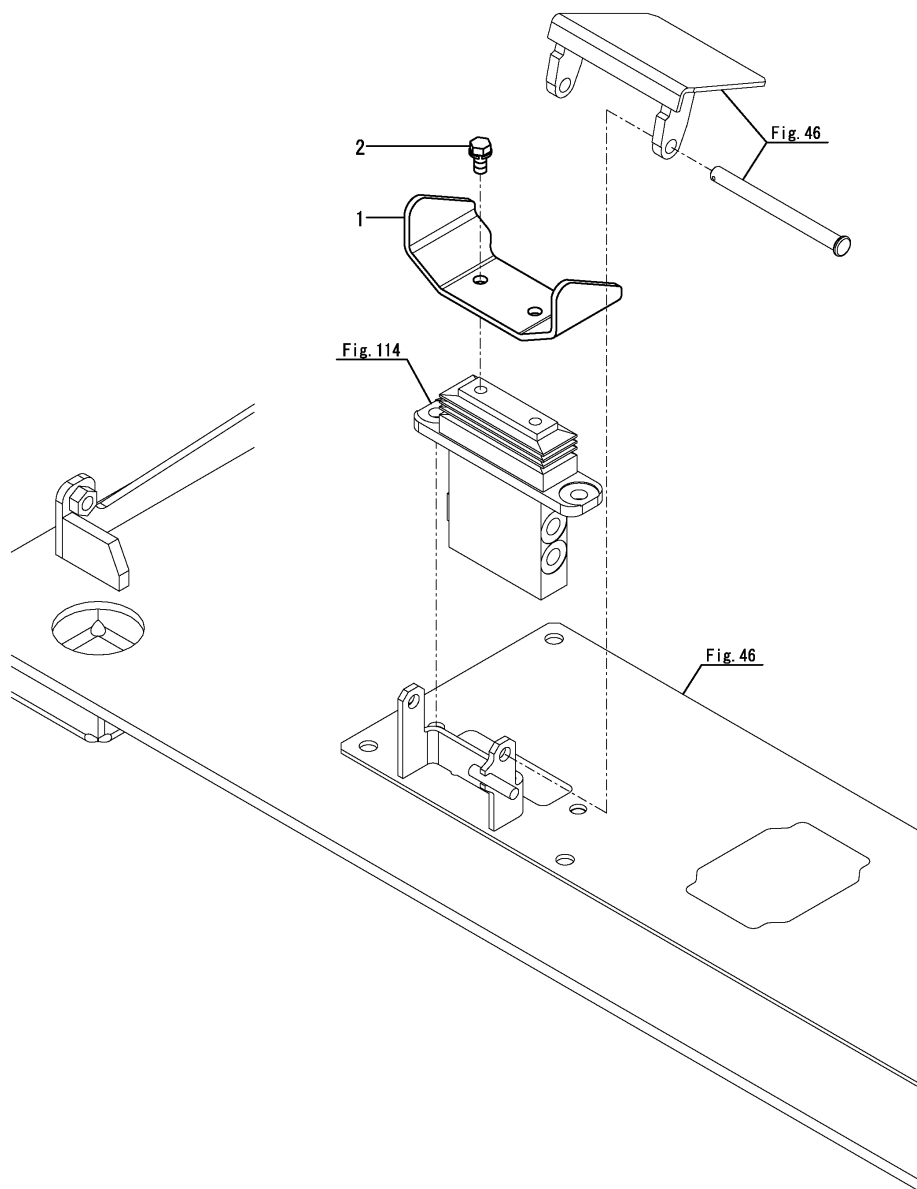


Fig.43. BLADE LEVER

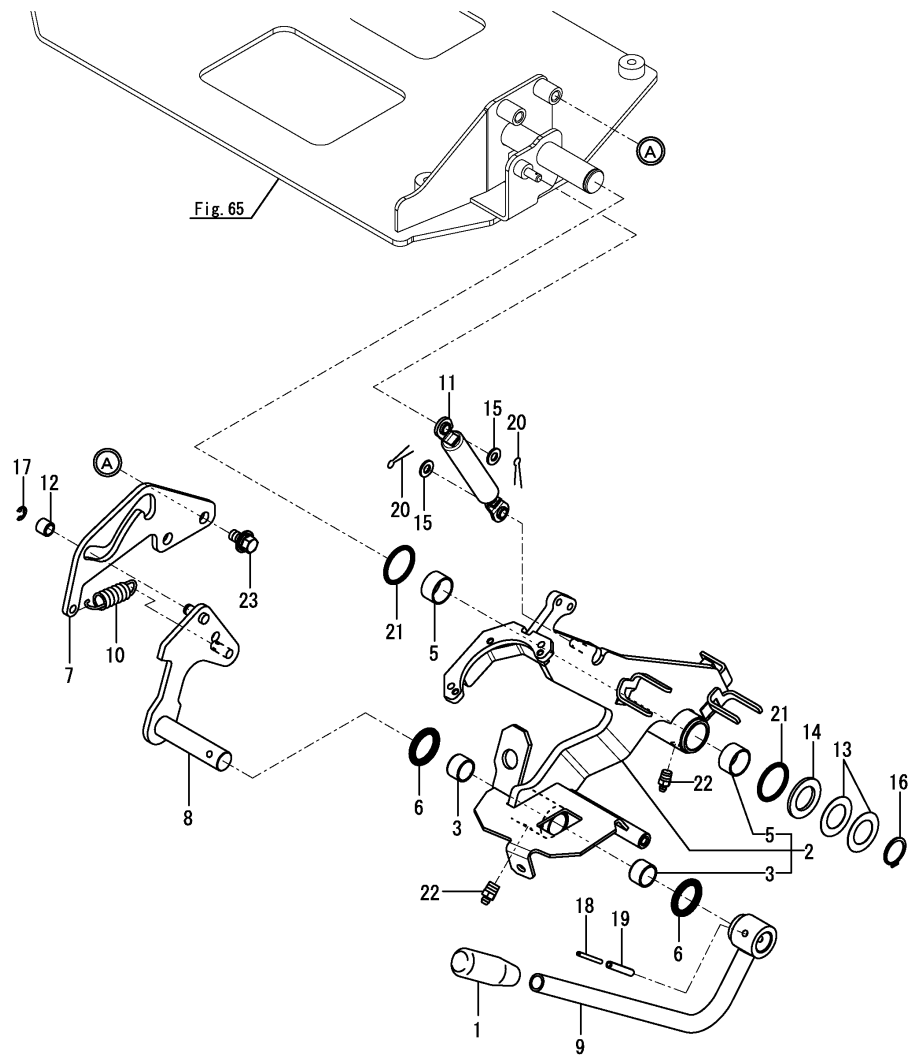


No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172964-12140	GRIP	1	1						
2	1	172A69-45851	LEVER ASSY, BLADE	1	1						
3	1	26013-080162	BOLT, M8X 16	2	2						



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

Fig.45. LOCK LEVER & LEVER STAND

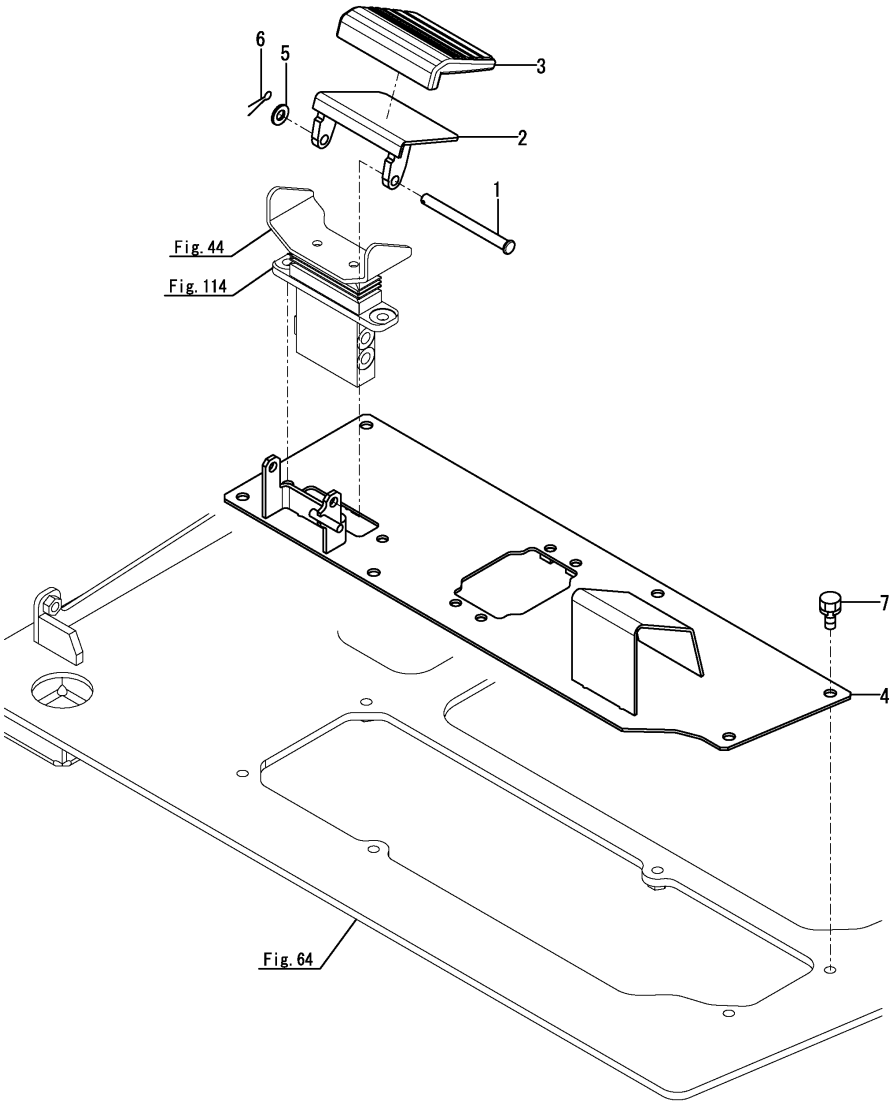


				0CK50-M01331 Fig.45							
				(A)=VIO82 C(AS)	(D)=						
				(B)=VIO82 C(KR)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty					I	R	
				(A)	(B)	(C)	(D)	(E)			(F)
1	1	172A77-46050	GRIP	1	1						
2	1	172A69-46101	STAND ASSY, LEVER L	1	1						
3	2	172141-41370	BUSH, 20 15	2	2						
5	2	24550-025150	BUSH, 25X15	2	2						
6	1	172124-46200	O-RING, 27.6X5.7	2	2						
7	1	172A69-46210	GUIDE, LOCK	1	1						
8	1	172A69-46220	ROD ASSY, SPRING	1	1						
9	1	172A69-46251	LEVER ASSY, LOCK	1	1						
10	1	172A69-46270	SPRING, 2.3X15X60	1	1						
11	1	172455-46890	SPRING, GAS	1	1						
12	1	172165-47550	BUSH	1	1						
13	1	172165-47980	SHIM, 42X25.5X0.5	2	2						
14	1	172165-47990	WASHER, 25.5X42	1	1						
15	1	22137-080000	WASHER, 8	2	2						
16	1	22242-000250	RING, 25	1	1						
17	1	22272-000070	RING, E- 7	1	1						
18	1	22351-035040	PIN, SPRING 3.5X40	1	1						
19	1	22351-060040	PIN, SPRING 6.0X40	1	1						
20	1	22417-200200	PIN, COTTER 2.0X20	2	2						
21	1	24311-000340	O-RING, 1AP34.0	2	2						
22	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
23	1	26014-100202	BOLT, M10X 20	2	2						

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

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

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



(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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						
2	1	172A46-46500	GUIDE ASSY, L	1	1						
3	1	172A46-46530	PLATE, GUIDE R	1	1						
4	1	172519-63240	BOLT, M8X16	4	4						
4-1	1	172162-68370	BOLT, M8X12	4	4					N	
		(A=M00852) (B=M00852)									
5	1	172519-63240	BOLT, M8X16	4	4						

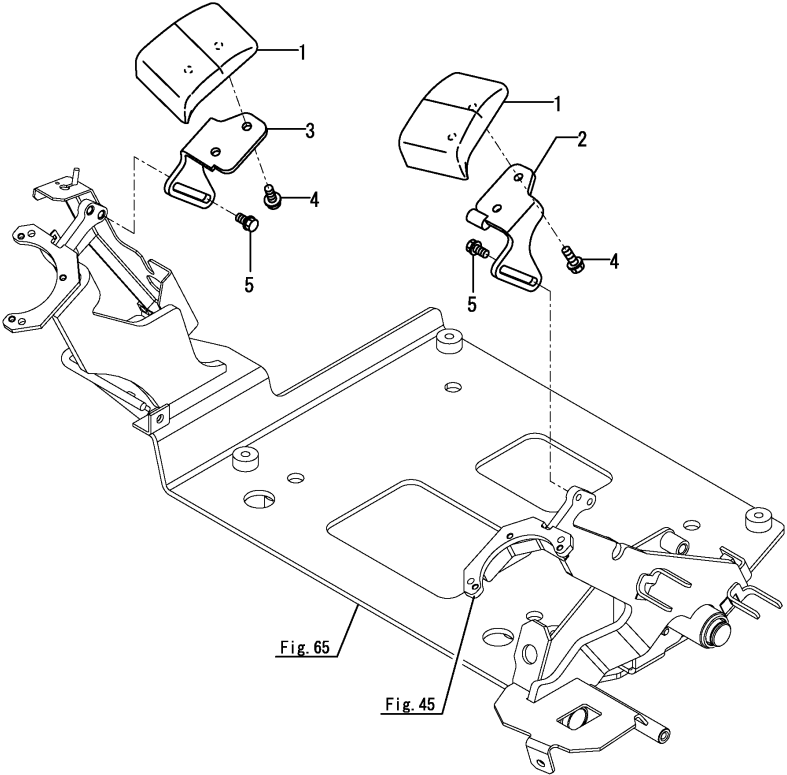
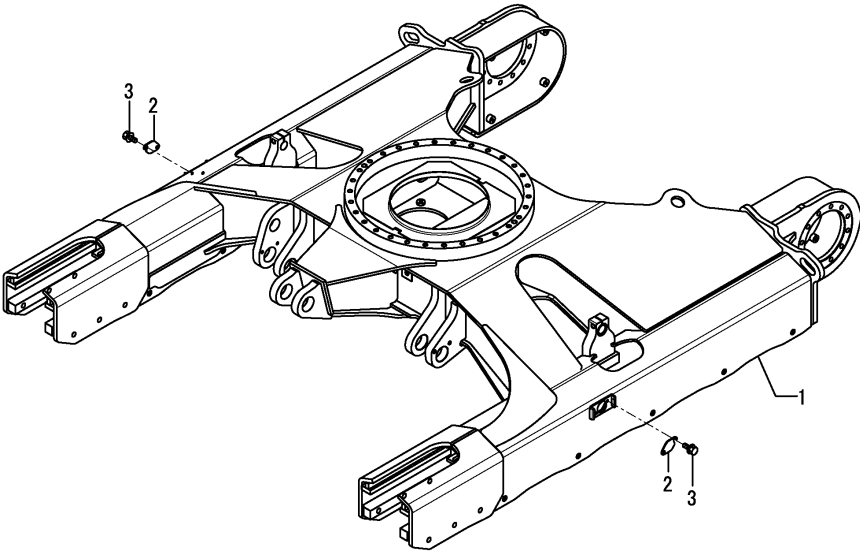


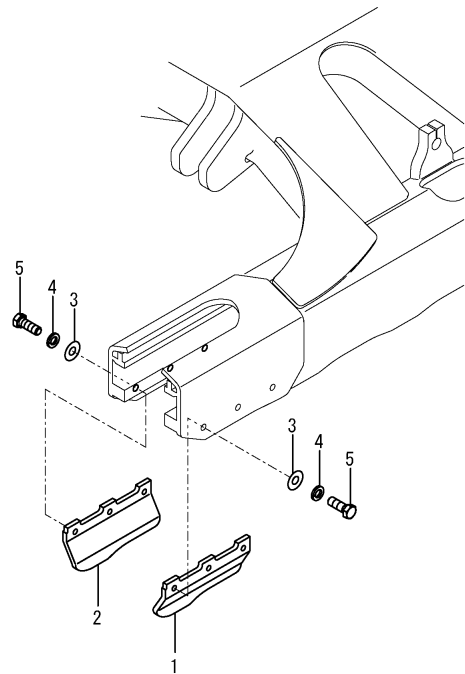
Fig.48. TRAVEL FRAME

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

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

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





6 inc.1 to 5.

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

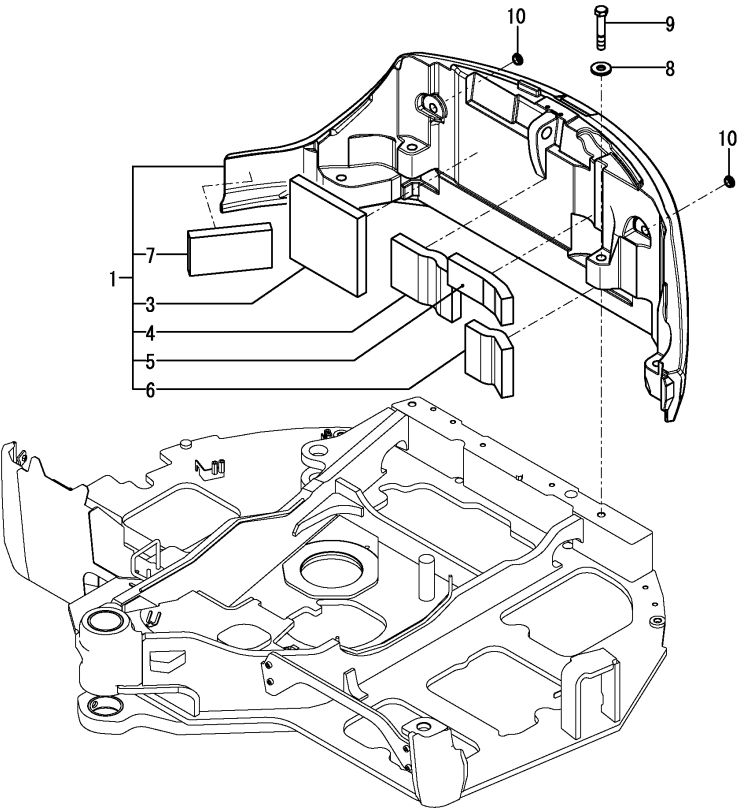
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-50801-3	PLATE, GUARD	2	2						
2	1	172187-50811-3	PLATE, GUARD	2	2						
3	1	22137-160000	WASHER, 16	12	12						
4	1	22217-160000	WASHER, SPRING 16	12	12						
5	1	26116-160402	BOLT, M16X 40 PLATED	12	12						
6	1	172B69-08500	GUARD,CRAWLER KIT	2	2						1

Remarks
(1)Spare parts.

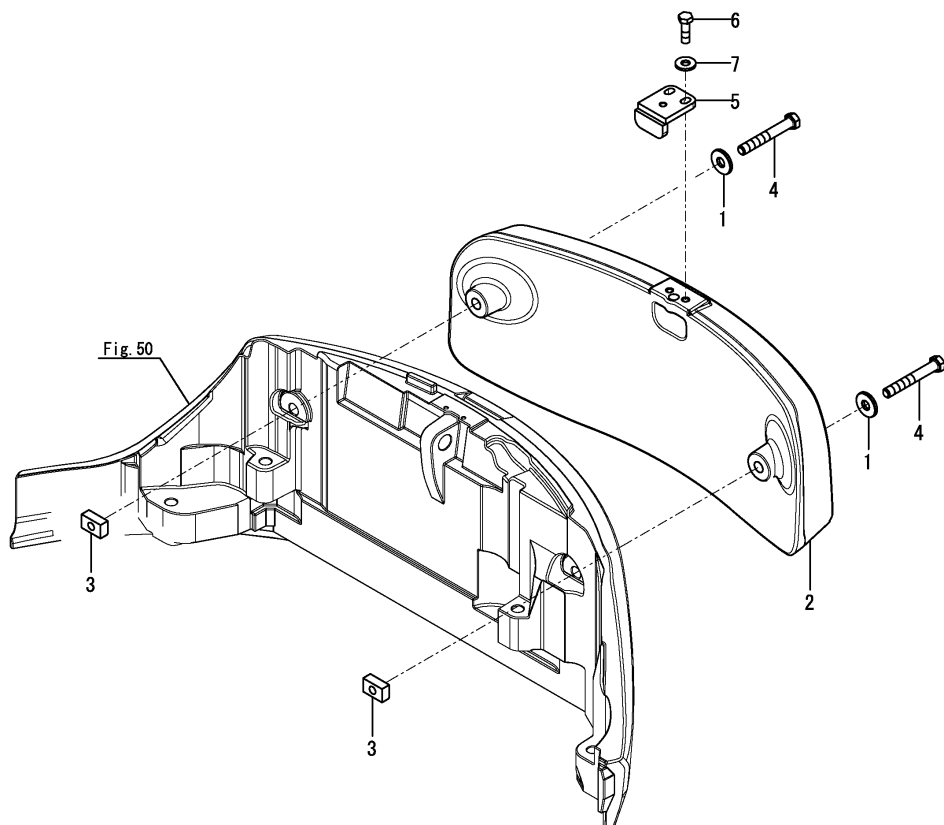
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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



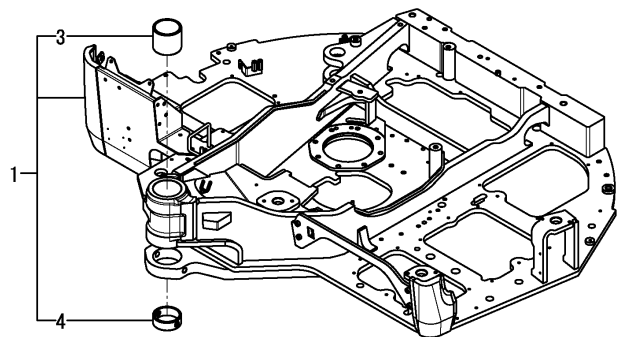
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-53300	WEIGHT ASSY, COUNTER	1	1						
3	2	172B11-53340	SPONGE, WEIGHT A	1	1						
4	2	172B11-53350	SPONGE, WEIGHT B	1	1						
5	2	172B11-53360	SPONGE, WEIGHT C	1	1						
6	2	172B11-53370	SPONGE, WEIGHT D	1	1						
7	2	172B11-53380	SPONGE, WEIGHT E	1	1						
8	1	172187-53321	WASHER, 24.5X65X8	4	4						
9	1	172455-53331	BOLT, 24X140	4	4						
10	1	172456-53700	GROMMET, 30	2	2						

Fig.184. (50A)ADDITIONAL WEIGHT



				(A)=VIO82 C(AS)			(D)=			
				(B)=VIO82 C(KR)			(E)=			
				(C)=			(F)=			
No.	Lev.	Parts No.	Description			Q'ty				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172187-53321	WASHER, 24.5X65X8		2					
2	1	172A89-53320	WEIGHT, ADD		1					
3	1	172A46-53360	NUT, M24		2					
4	1	172A48-53371	BOLT, M24X170		2					
5	1	172A48-53380	BRACKET ASSY, WEIGHT		1					
6	1	26116-160502	BOLT, M16X 50 PLATED		2					
7	1	933147-08501	WASHER, WHEEL SHAFT		2					

Fig.51. TURNING FRAME

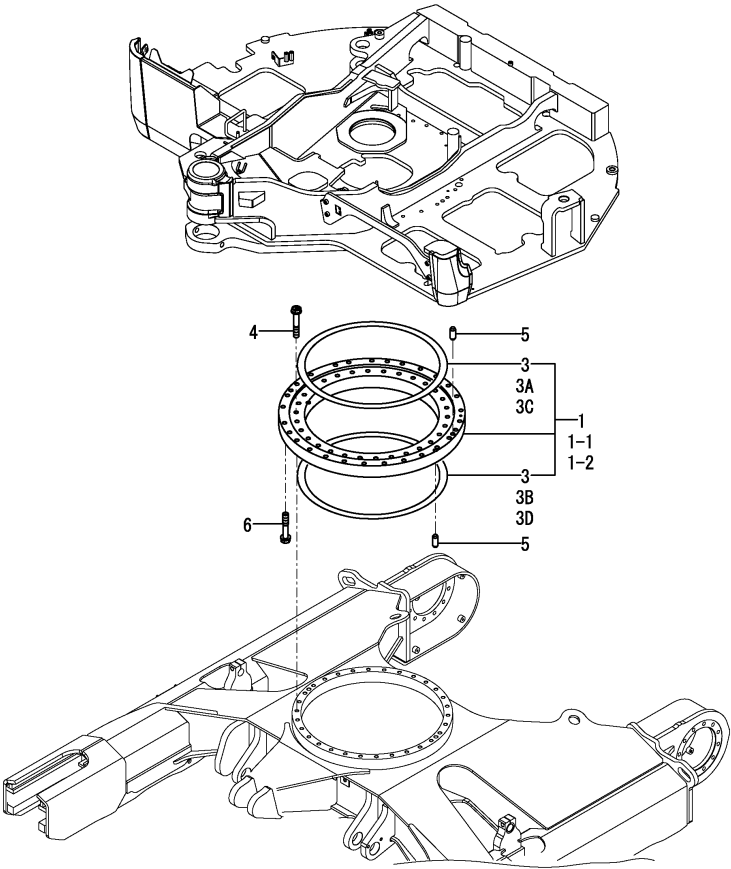


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-54100	FRAME ASSY, TURNING	1	1						
3	2	172A89-54500	BUSH, 100X100	1	1						
4	2	172187-54760	BUSH, 100X40	1	1						

Fig.52. TURNING BEARING

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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,TURNING	1	1						1
1-1	1	172B11-57650	BEARING ASSY,SWING	1	1					N	2
		(A=M00963) (B=M00963)									
1-2	1	172B11-57700	BEARING ASSY,SWING	1	1						R
		(A=M01053) (B=M01053)									
3	2	172A89-57620	SEAL	2	2						Z
		(A=M00963) (B=M00963)									
3A	2	172B11-57670	SEAL,A	1	1						W
		(A=M00963) (B=M00963)									
3A-1	2	172B11-57670	SEAL,A	1	1						Z
		(A=M01053) (B=M01053)									
3B	2	172B11-57680	SEAL,B	1	1						W
		(A=M00963) (B=M00963)									
3B-1	2	172B11-57680	SEAL,B	1	1						Z
		(A=M01053) (B=M01053)									
3C	2	172B11-57720	SEAL,INNER	1	1						W
		(A=M01053) (B=M01053)									
3D	2	172B11-57730	SEAL,OUTER	1	1						W
		(A=M01053) (B=M01053)									
4	1	172A69-57650	BOLT, 10.9 16X90	30	30						
5	1	172162-57660	PIN, PARALLEL 16X40	4	4						
6	1	172A69-57660	BOLT, 10.9 16X85	28	28						

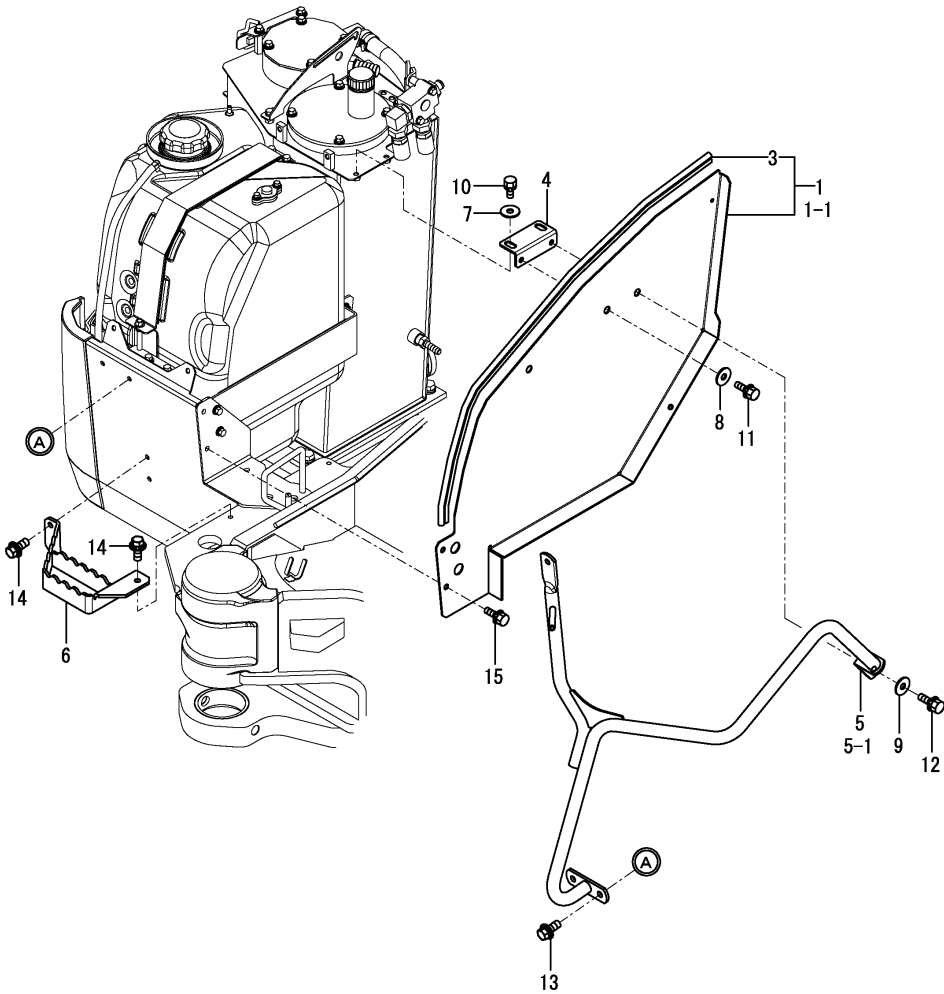
Remarks
(1)Interchangeable by No.1-1. The inner parts are not compatible.
(2)Interchangeable by No.1-2. The inner parts are not compatible.

Fig.53. COVER(FUEL TANK SIDE)

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
1-1	1	172B11-61601-2	COVER ASSY,FO	1	1						S
(A=*2021.12) (B=*2021.12)											
3	2	172B11-61650	SEAL, 1060	1	1						
4	1	172B11-61660	STAY ASSY, COVER	1	1						
5	1	172B11-61830	GRIP ASSY, MIRROR	1	1						
5-1	1	172B11-61830-1	GRIP ASSY, MIRROR	1	1						S
(A=*2021.12) (B=*2021.12)											
6	1	172A69-62050	STEP ASSY	1	1						
7	1	22157-100000	WASHER, 10	2	2						
8	1	22157-100000	WASHER, 10	1	1						
9	1	22157-100000	WASHER, 10	1	1						
10	1	26013-100252	BOLT, M10X 25	2	2						
11	1	26013-100252	BOLT, M10X 25	1	1						
12	1	26013-100252	BOLT, M10X 25	1	1						
13	1	26014-100252	BOLT, M10X 25	2	2						
14	1	26014-100252	BOLT, M10X 25	3	3						
15	1	26014-100252	BOLT, M10X 25	2	2						



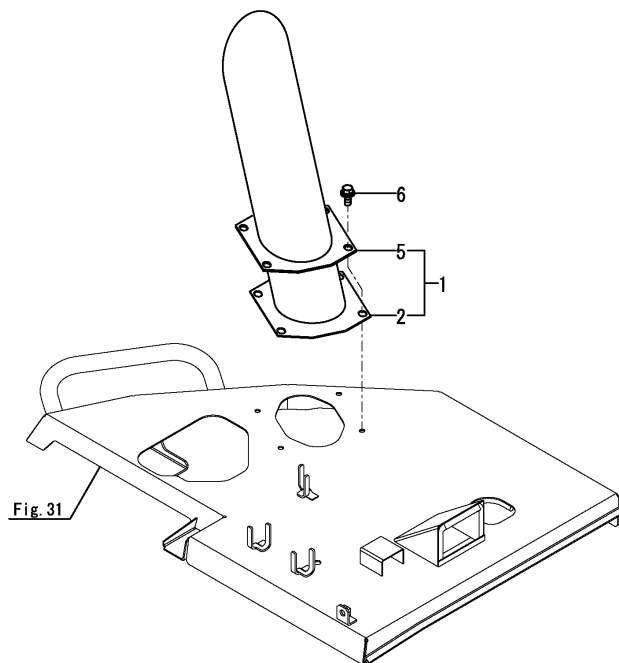


Fig. 31

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

Fig.185. (54A)TAIL COVER(FROM M00652)

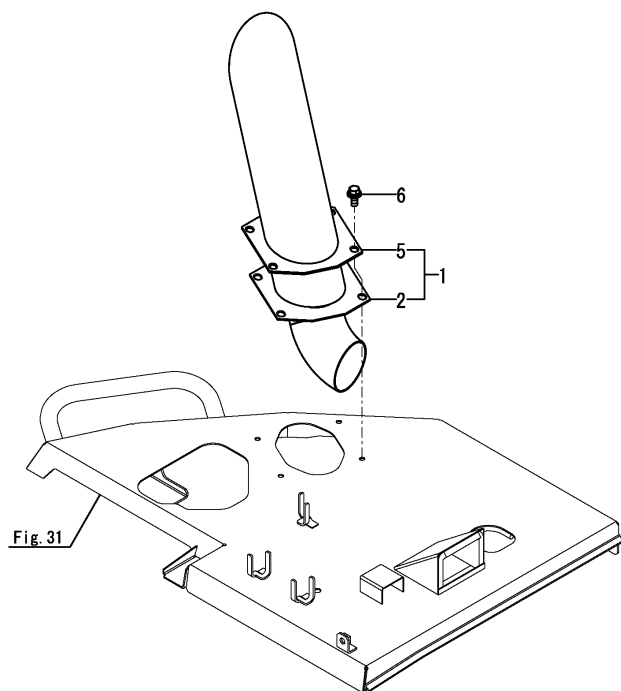
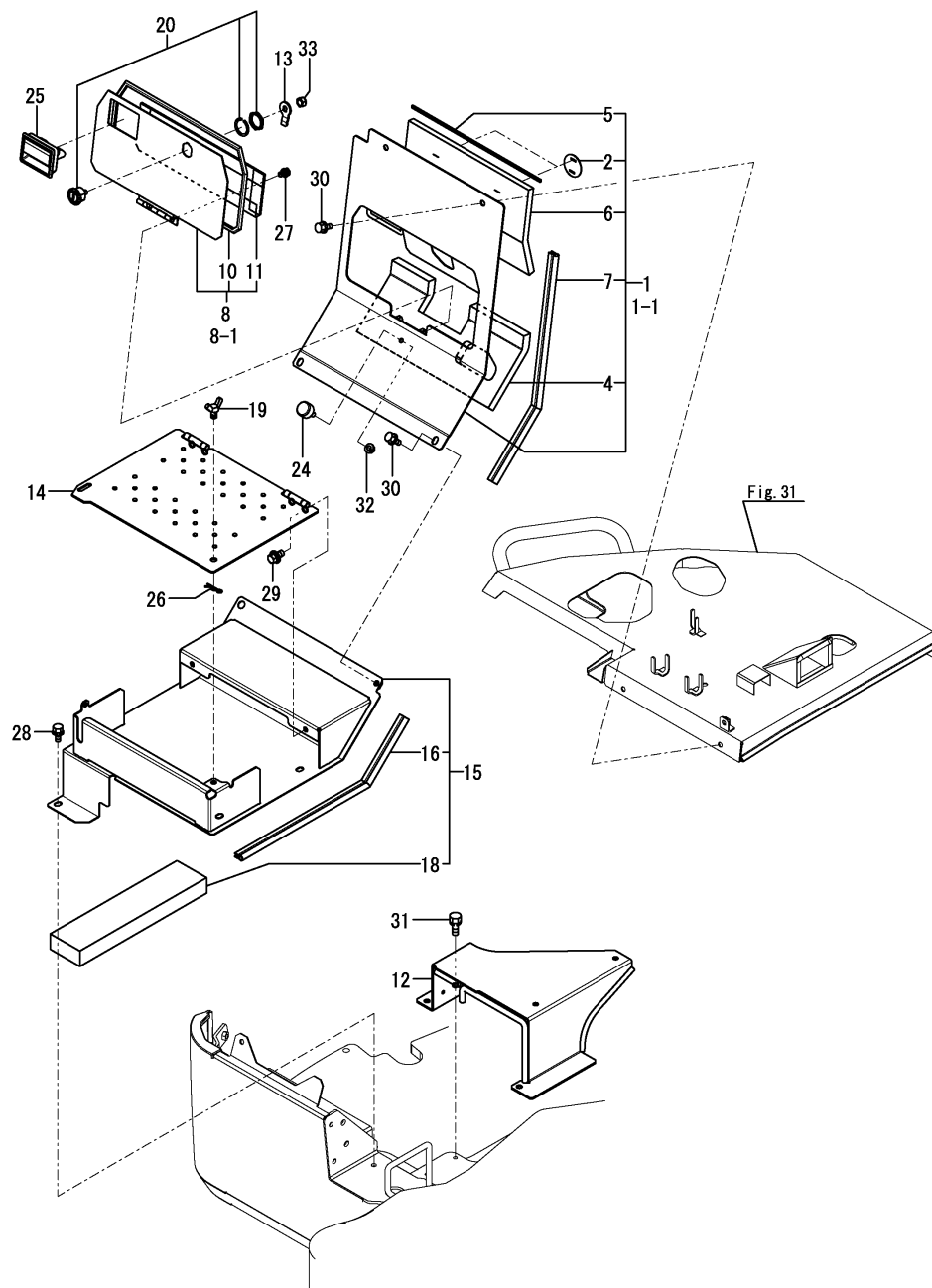


Fig. 31

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

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B11-61400	COVER ASSY, TAIL	1	1				
2	2	172B11-61520	COVER ASSY, TAIL A	1	1				
5	2	172B11-61950	COVER ASSY, TAIL B	1	1				
6	1	26014-080202	BOLT, M8X 20	4	4				



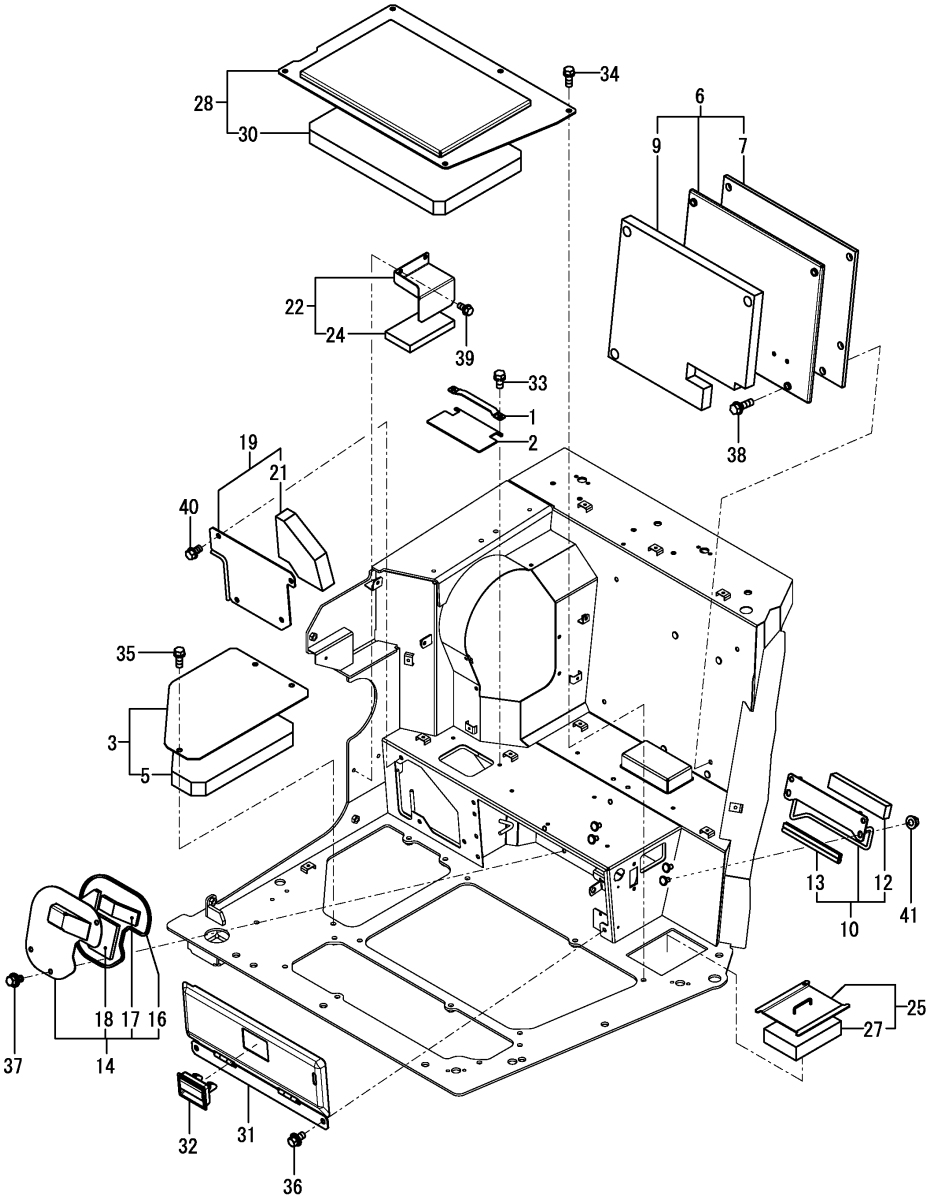
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61680	COVER ASSY, CENTER	1	1						
1-1	1	172B11-61680-1	COVER ASSY, CENTER	1	1						S
		(A=*2021.12)	(B=*2021.12)								
2	2	172B11-18570	PLATE, INSULATOR	2	2						
4	2	172B11-61720	SPONGE, COVER A	1	1						
5	2	172B11-61730	SEAL, 385	1	1						
6	2	172B11-61810	INSULATOR, B	1	1						
7	2	172A64-64940	SEAL, 560	1	1						
8	1	172B11-61760	COVER ASSY, ENGINE	1	1						
8-1	1	172B11-61760-1	COVER ASSY, ENGINE	1	1						S
		(A=*2021.12)	(B=*2021.12)								
10	2	172A69-61780	SEAL, 1020	1	1						
11	2	172B11-61820	INSULATOR, G	1	1						
12	1	172A89-61800	BRACKET ASSY, COVER	1	1						
13	1	172B11-61800	PLATE, LOCK	1	1						
14	1	172A89-61880	COVER ASSY, TOOL BOX	1	1						
15	1	172A89-61900	BASE ASSY, TOOL BOX	1	1						
16	2	172A69-13690	SEAL, 540	1	1						
18	2	172A89-61981	PAD, TOOL BOX A	1	1						
19	1	172142-62301	WING BOLT, M10X20	1	1						
20	1	172B03-66170	CYLINDER ASSY, KEY	1	1						
24	1	172176-67150	RUBBER, STOPPER 20	1	1						
25	1	172B02-69040	HANDLE, LOCK BLACK	1	1						
26	1	22372-100000	PIN, SNAP 10	1	1						
27	1	26013-080122	BOLT, M8X 12	2	2						
28	1	26014-100202	BOLT, M10X 20	3	3						
29	1	26014-100202	BOLT, M10X 20	2	2						
30	1	26014-100202	BOLT, M10X 20	4	4						
31	1	26014-100202	BOLT, M10X 20	3	3						
32	1	26051-080002	NUT, M8	1	1						
33	1	26347-100002	NUT, M10	1	1						

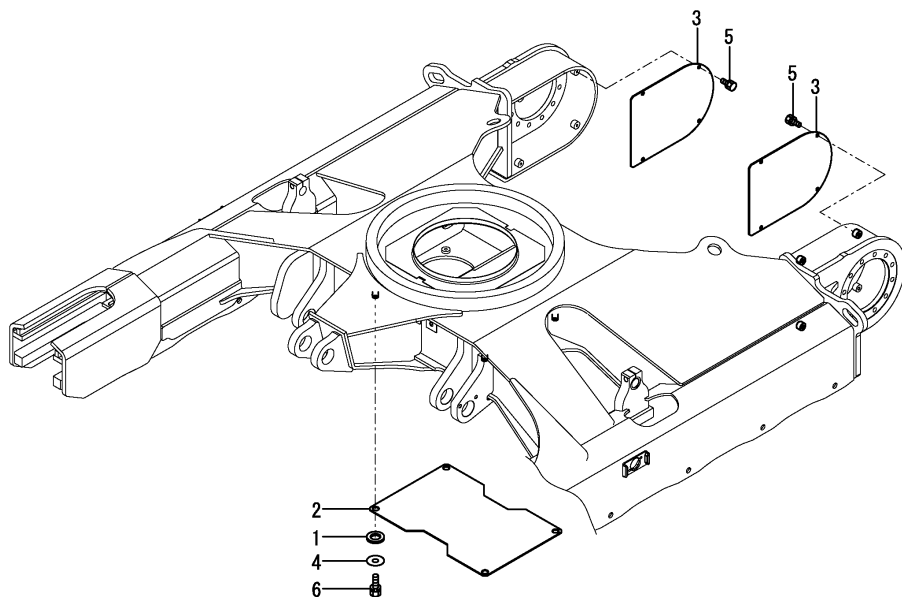
Fig.56. COVER(SEAT MOUNT)

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	1	172A69-61020	PLATE, RUBBER	1	1						
3	1	172B11-61050	PLATE ASSY	1	1						
5	2	172B11-61060	SPONGE, PLATE	1	1						
6	1	172B11-61140	COVER ASSY, SEAT	1	1						
7	2	172A69-61120	PAD, COVER	1	1						
9	2	172B11-61290	SPONGE, COVER REAR	1	1						
10	1	172B36-61150	COVER ASSY,P HOSE	1	1						
12	2	172B36-64730	SPONGE, SEAT MOUNT F	1	1						
13	2	172A65-64840	SEAL, 190	1	1						
14	1	172B36-61200	COVER ASSY, S/M	1	1						
16	2	172B36-61240	SEAL, 5X5X780	1	1						
17	2	172B36-64650	SPONGE, SEAT MOUNT D	1	1						
18	2	172B36-64660	SPONGE, SEAT MOUNT E	1	1						
19	1	172B11-61240	COVER ASSY, HOSE	1	1						
21	2	172B11-61280	SPONGE, HOSE COVER	1	1						
22	1	172B11-61420	COVER ASSY,FLOOR MAT	1	1						
24	2	172B11-61470	SPONGE, MAT COVER	1	1						
25	1	172B27-61800	COVER ASSY,MULTI	1	1						
27	2	172B27-61810	SPONGE,MULTI COVER	1	1						
28	1	172B11-62200	STEP ASSY	1	1						
30	2	172B11-62210	SPONGE, STEP	1	1						
31	1	172A69-64760	COVER ASSY, FL P	1	1						
32	1	172B02-69040	HANDLE, LOCK BLACK	1	1						
33	1	26013-080162	BOLT, M8X 16	2	2						
34	1	26013-100252	BOLT, M10X 25	5	5						
35	1	26013-100252	BOLT, M10X 25	3	3						
36	1	26014-100202	BOLT, M10X 20	2	2						
37	1	26014-100202	BOLT, M10X 20	3	3						
38	1	26014-100302	BOLT, M10X 30	4	4						
39	1	26106-080162	BOLT, M8X 16 PLATED	2	2						
40	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
41	1	26366-100002	NUT, M10	4	4						



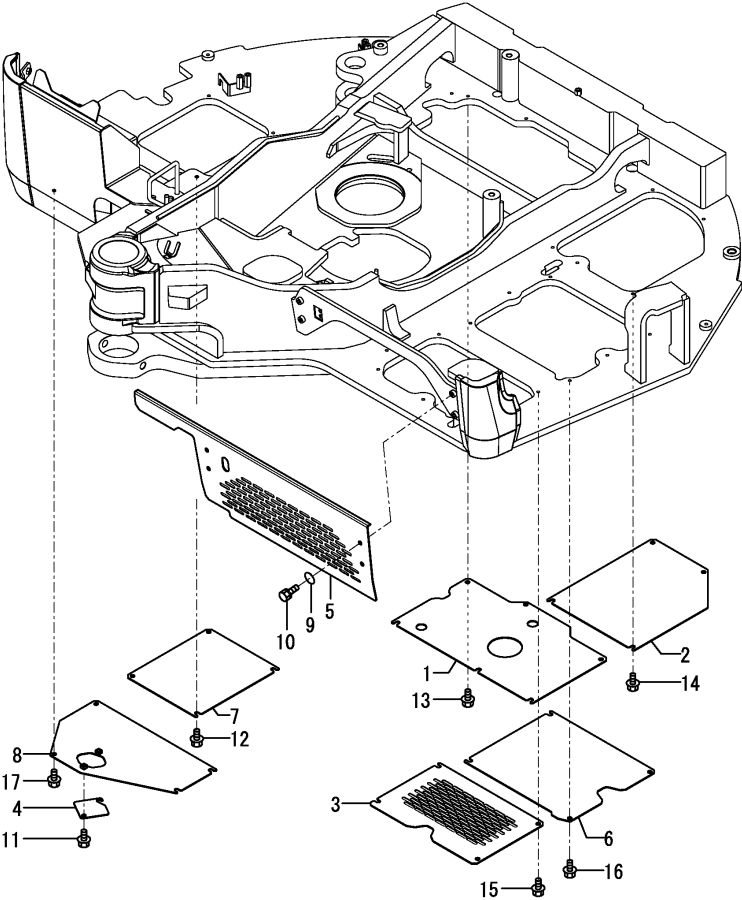


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-61500	RUBBER	4	4						
2	1	172187-61500-3	COVER	1	1						
3	1	172A89-61540	COVER, TRAVEL	2	2						
4	1	22157-120000	WASHER, 12	4	4						
5	1	26013-100202	BOLT, M10X 20	8	8						
6	1	26013-120302	BOLT, M12X 30	4	4						

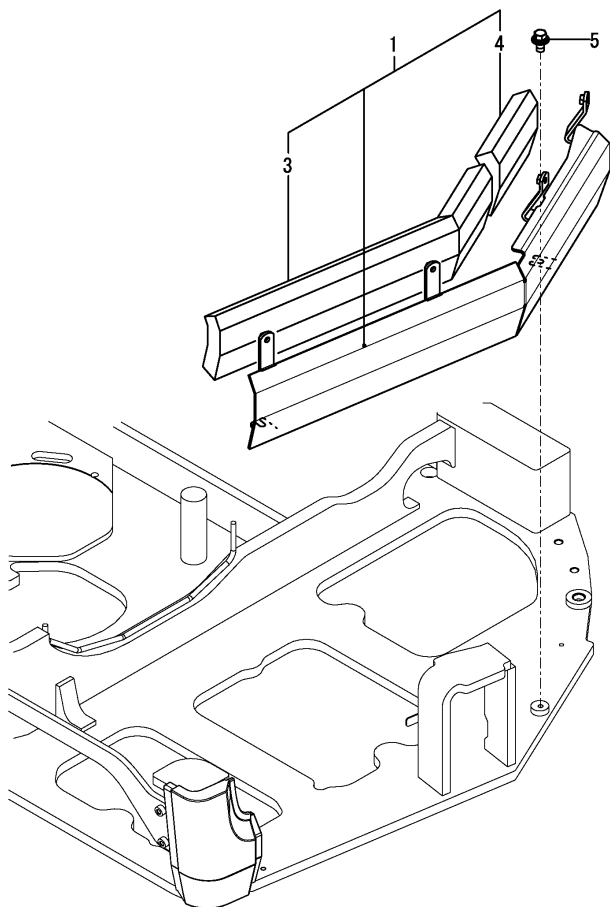
Fig.58. COVER(TURNING FRAME)

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

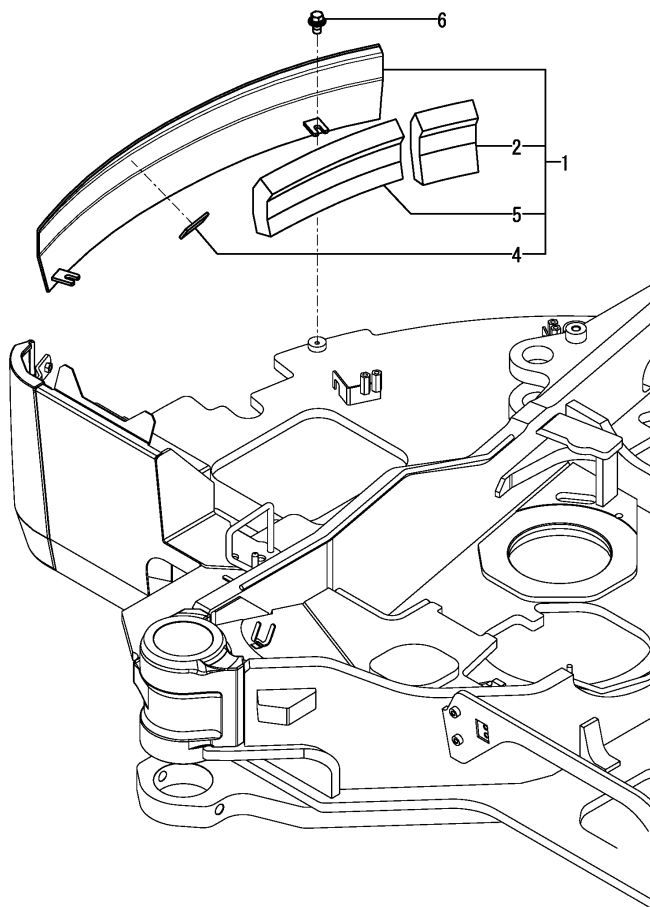
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61500	COVER, OIL PAN	1	1						
2	1	172A89-61510	COVER, PUMP	1	1						
3	1	172A89-61520-N	COVER, C/V A	1	1						
4	1	172A89-61530	COVER, FUEL DRAIN	1	1						
5	1	172B11-61550	COVER, FRAME FL	1	1						
6	1	172A69-61560	COVER, B C/V	1	1						
7	1	172A89-61570	COVER, RESERVOIR	1	1						
8	1	172A89-61580	COVER ASSY, FUEL	1	1						
8-1	1	172A89-61581	COVER ASSY,FO	1	1						N
(A=M00640) (B=M00640)											
9	1	22137-100000	WASHER, 10	4	4						
10	1	26013-100162	BOLT, M10X 16	4	4						
11	1	26106-100162	BOLT, M10X 16 PLATED	2	2						
12	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
13	1	26106-100162	BOLT, M10X 16 PLATED	6	6						
14	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
15	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
16	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
17	1	26106-100162	BOLT, M10X 16 PLATED	4	4						

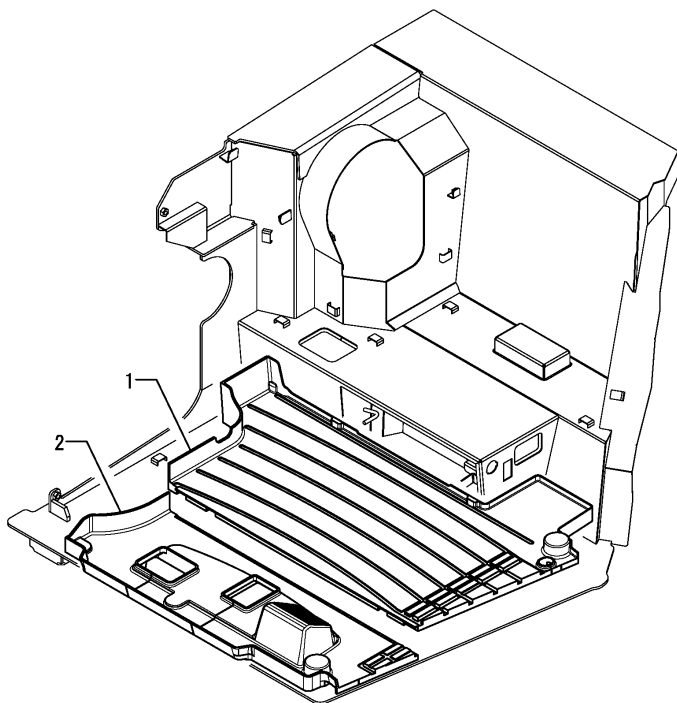


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B11-61340	GUARD ASSY, FRAME L	1	1				
3	2	172B11-61380	SPONGE, GUARD LA	1	1				
4	2	172B11-61390	SPONGE, GUARD LB	1	1				
5	1	26106-100202	BOLT, M10X 20 PLATED	2	2				

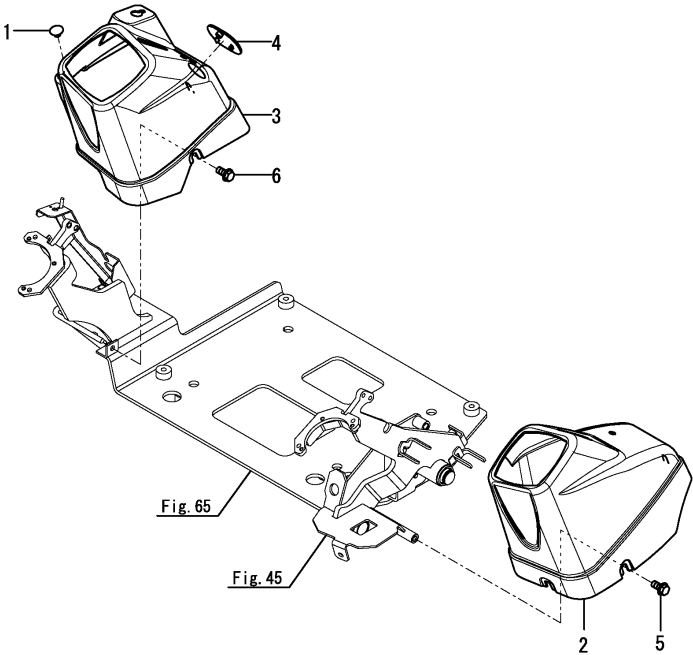


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61440	GUARD ASSY, FRAME R	1	1						
2	2	172B11-61330	SPONGE, MULTI COVER	1	1						
4	2	172A89-61470	PLATE, RUBBER	1	1						
5	2	172B11-62020	SPONGE, GUARD R B	1	1						
6	1	26106-100202	BOLT, M10X 20 PLATED	2	2						

Fig.61. FLOOR MAT



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



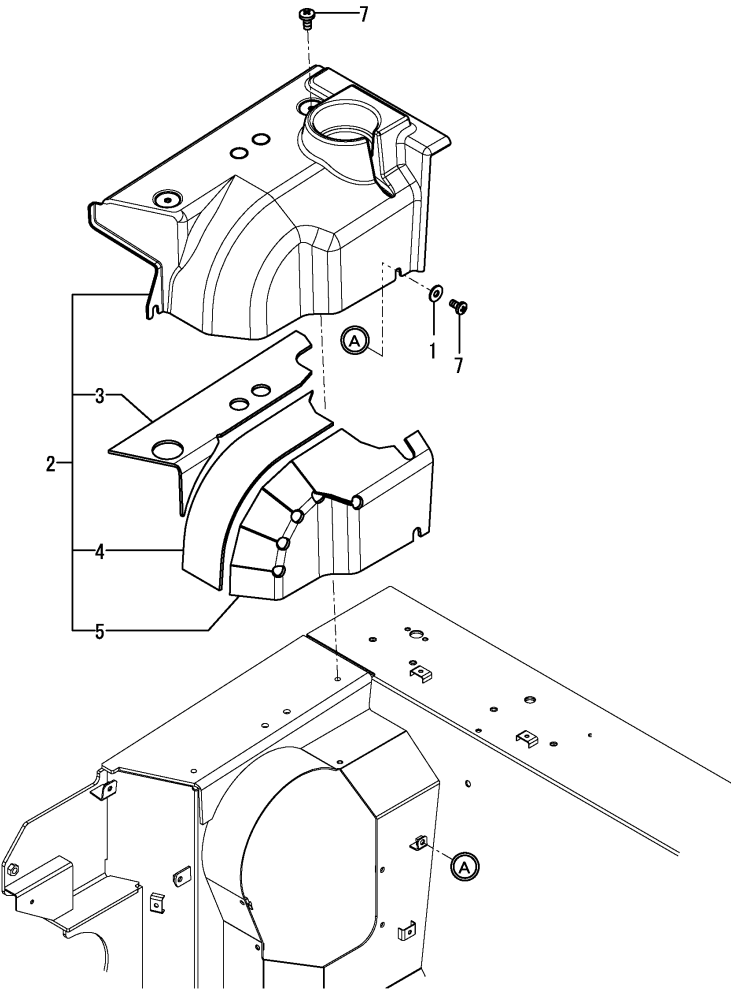
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-63160	CLIP	1	1						
2	1	172B11-63210	BOX, CONTROL L D	1	1						
3	1	172B11-63220	BOX, CONTROL R D	1	1						
4	1	172B11-63230	COVER, CONTROL R D	1	1						
5	1	172519-63240	BOLT, M8X16	3	3						
6	1	172519-63240	BOLT, M8X16	2	2						

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

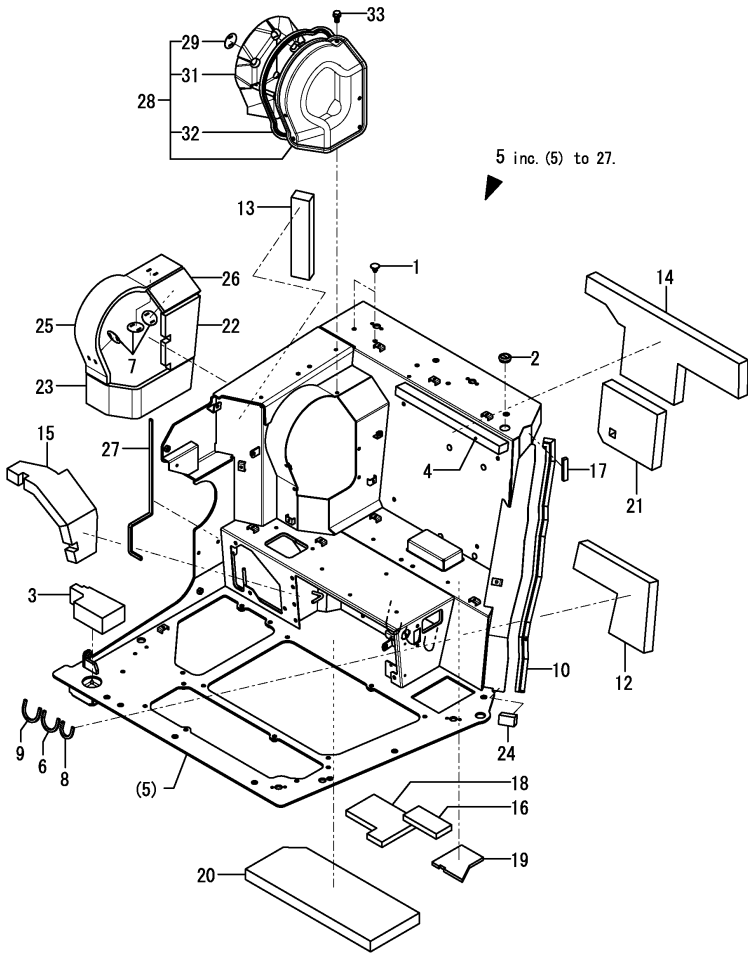
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62430	WASHER, M8	1	1						
2	1	172B11-63250	COVER ASSY,SIDE D	1	1						
3	2	172B11-63170	SHEET, INSULATION A	1	1						
4	2	172B11-63180	SHEET, INSULATION B	1	1						
5	2	172B11-63190	SHEET, INSULATION C	1	1						
7	1	172137-69850	SCREW, BIND	3	3						

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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						
2	1	172B11-18880	GROMMET, 30	1	1						
3	1	172B11-62250	SPONGE, T60	1	1						
4	1	172B11-64170	CUSHION, SEAT	1	1						
5	1	172B36-64200	MOUNT ASSY, SEAT	1	1						
6	2	172444-17620	SEAL, 125	1	1						
7	2	172B11-18570	PLATE, INSULATOR	3	3						
8	2	172458-18850	PROTECTOR, 105	1	1						
9	2	172538-19700	SEAL, 135	1	1						
10	2	172162-61330	SEAL, COVER A	1	1						
12	2	172B11-64610	SPONGE, SEAT MOUNT	1	1						
13	2	172B11-64640	SPONGE, SEAT MOUNT	1	1						
14	2	172B11-64660	SPONGE, SEAT MOUNT	1	1						
15	2	172B11-64670	SPONGE, SEAT MOUNT	1	1						
16	2	172B36-64700	SPONGE, SEAT MOUNT A	1	1						
17	2	172A69-64710	SEAL, SEAT MOUNT	1	1						
18	2	172B36-64710	SPONGE, SEAT MOUNT B	1	1						
19	2	172B36-64720	SPONGE, SEAT MOUNT C	1	1						
20	2	172B11-64820	SPONGE, SEAT MOUNT	1	1						
21	2	172B11-64830	SPONGE, SEAT MOUNT	1	1						
22	2	172B11-64840	SPONGE, SEAT MOUNT	1	1						
23	2	172B11-64850	INSULATOR, D	1	1						
24	2	172B11-64860	SEAL, SEAT MOUNT	1	1						
25	2	172B11-64910	INSULATOR, E	1	1						
26	2	172B11-64920	INSULATOR, F	1	1						
27	2	172187-66140	RUBBER, EDGE 580	1	1						
28	1	172B11-64690	COVER ASSY, DPF	1	1						
29	2	172B11-18570	PLATE, INSULATOR	1	1						
31	2	172B11-64810	INSULATOR, C	1	1						
32	2	172B11-64870	SEAL, 1200	1	1						
33	1	26013-080162	BOLT, M8X 16	5	5						

Remarks
* DPF: DPF stands for DIESEL PARTICULATE FILTER.

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

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

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

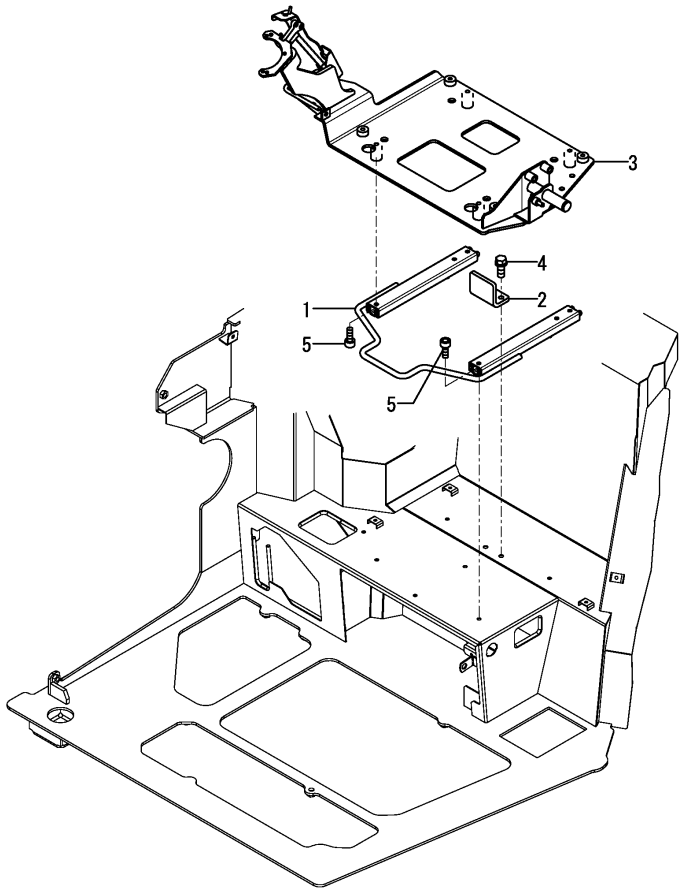
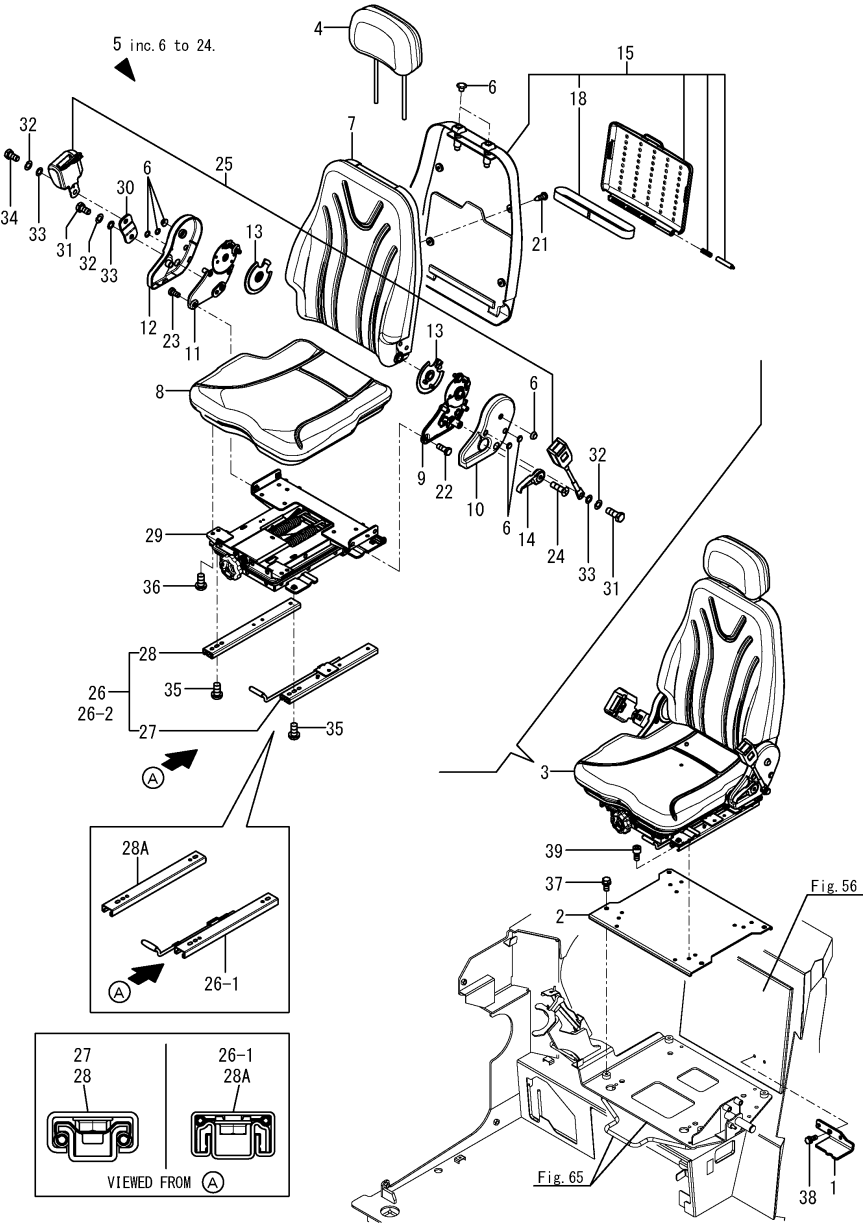


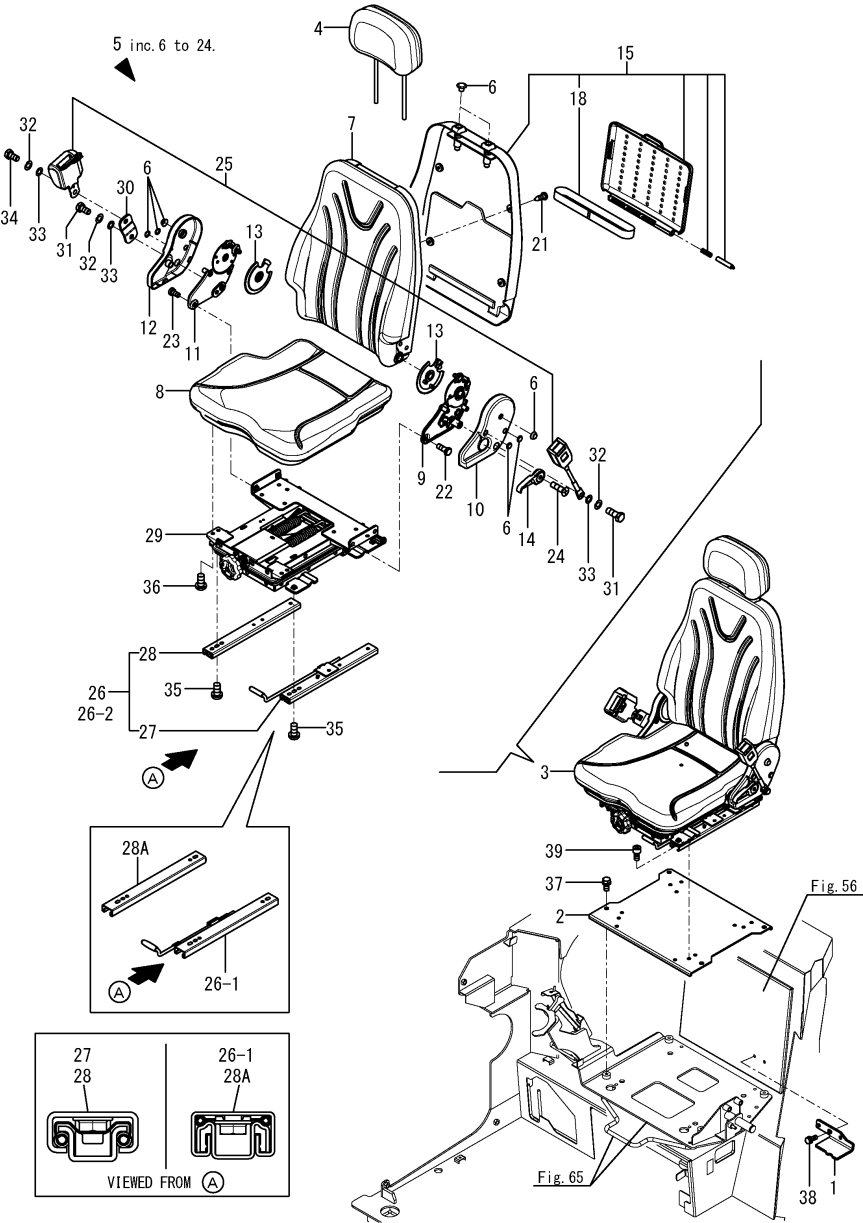
Fig.66. SEAT



Remarks
(1)Optional parts.
(2)Interchangeable by Fig.201 No.3, The inner parts are not compatible.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61080	STOPPER, SEAT	1	1						
1-1	1	172B11-61130	STOPPER, SEAT	1	1					N	
(A=M00530)											
2	1	172A69-64120	PLATE ASSY	1	1						
3	1	172A69-64800	SEAT ASSY	1	1						
3-1	1	172A69-64801	SEAT ASSY	1	1					N	
(A=*2022.08) (B=M01051)											
3-2	1	172A69-64801	SEAT ASSY	1						Z	2
(A=M01043)											
4	2	172A89-64720	HEADREST	1	1						1
5	2	172A89-64730	SEAT ASSY, OPERATOR	1	1						
6	3	172A89-64760	CAP ASSY	1	1						
7	3	172A89-64770	SEAT, OPERATOR	1	1						
8	3	172A89-64780	SEAT, CUSHION	1	1						
9	3	172A89-64820	HINGE ASSY	1	1						
10	3	172A89-64830	COVER	1	1						
11	3	172A89-64840	HINGE ASSY	1	1						
12	3	172A89-64850	COVER	1	1						
13	3	172A89-64870	COVER	2	2						
14	3	172A89-64880	LEVER	1	1						
15	3	172A89-64980	BOX ASSY,MANUAL	1	1						
18	4	172A89-64950	BAND	1	1						
21	3	22859-500160	SCREW, 5X16	4	4						
21-1	3	22857-500160	SCREW, 5X16	4	4					R	
(A=M00937) (B=M00937)											
22	3	26106-100162	BOLT, M10X 16 PLATED	4	4						
23	3	26106-100162	BOLT, M10X 16 PLATED	4	4						
24	3	26559-050202	SCREW, M5X20	1	1						
24-1	3	26557-050202	SCREW, M5X20	1	1					R	
(A=M00937) (B=M00937)											
25	2	172A89-64740	SEATBELT ASSY	1	1						
26	2	172A89-64750	RAIL ASSY	1	1						
26-1	2	172B02-64900	RAIL ASSY, L	1	1					S	
(A=*2022.08) (B=M01051)											
26-2	2	172A89-64750	RAIL ASSY	1	1					S	
(A=*2023.02) (B=*2023.02)											
27	3	172A89-64800	RAIL ASSY, TL	1	1						
28	3	172A89-64810	RAIL ASSY, TR	1	1						
28A	2	172B02-64910	RAIL ASSY, R	1	1					W	
(A=*2022.08) (B=M01051)											
28A-1	2	172B02-64910	RAIL ASSY, R	1	1					Z	
(A=*2023.02) (B=*2023.02)											
29	2	172A89-64790	SEAT, SPRING	1	1						
30	2	172A89-64860	BRACKET ASSY	1	1						
31	2	172A89-64890	BOLT	2	2						
32	2	172A89-64900	SPRING	3	3						
33	2	172A89-64910	WASHER	3	3						
34	2	172A89-64920	BOLT	1	1						
35	2	26106-080162	BOLT, M8X 16 PLATED	4	4						
36	2	26106-080162	BOLT, M8X 16 PLATED	4	4						
37	1	26013-100162	BOLT, M10X 16	4	4						

Fig.66. SEAT



Remarks
(1)Optional parts.
(2)Interchangeable by Fig.201 No.3, The inner parts are not compatible.

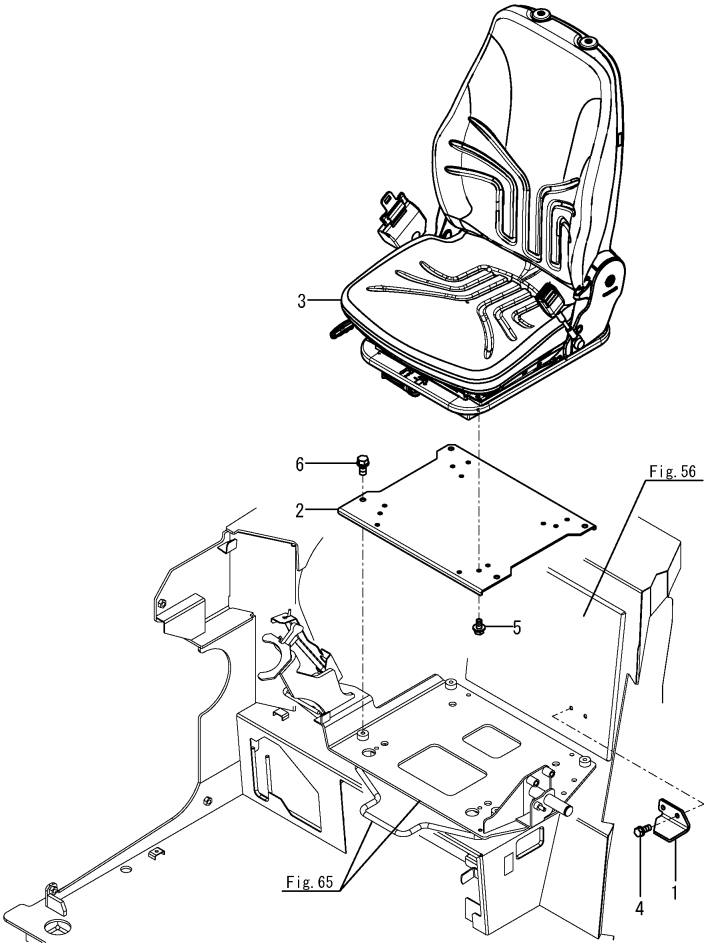
							0CK50-M01331 Fig.66							
							(A)=VIO82 C(AS)		(D)=					
							(B)=VIO82 C(KR)		(E)=					
							(C)=		(F)=					
							Q'ty							
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)	I	R
37-1	1	26014-100252	BOLT, M10X 25				4	4					N	
(A=M00530)														
38	1	26014-080162	BOLT, M8X 16				2	2						
39	1	26450-080162	BOLT, M8X 16				4	4						

Fig.202. (66A)SEAT(AS : FROM M01043)

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

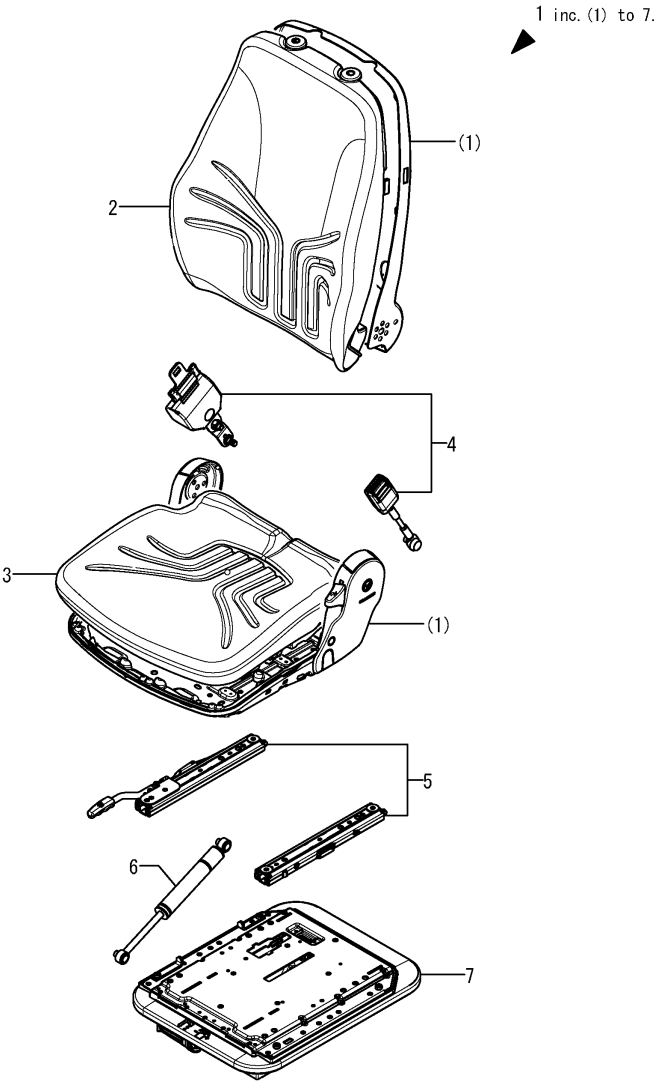
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61130	STOPPER, SEAT	1							
2	1	172A69-64120	PLATE ASSY	1							
3	1	172B02-64400	SEAT ASSY,GRAM	1							1
4	1	26014-080162	BOLT, M8X 16	2							
5	1	26014-080162	BOLT, M8X 16	4							
6	1	26014-100252	BOLT, M10X 25	4							



Remarks
(1)Inner parts are shown in Fig.206(66B).

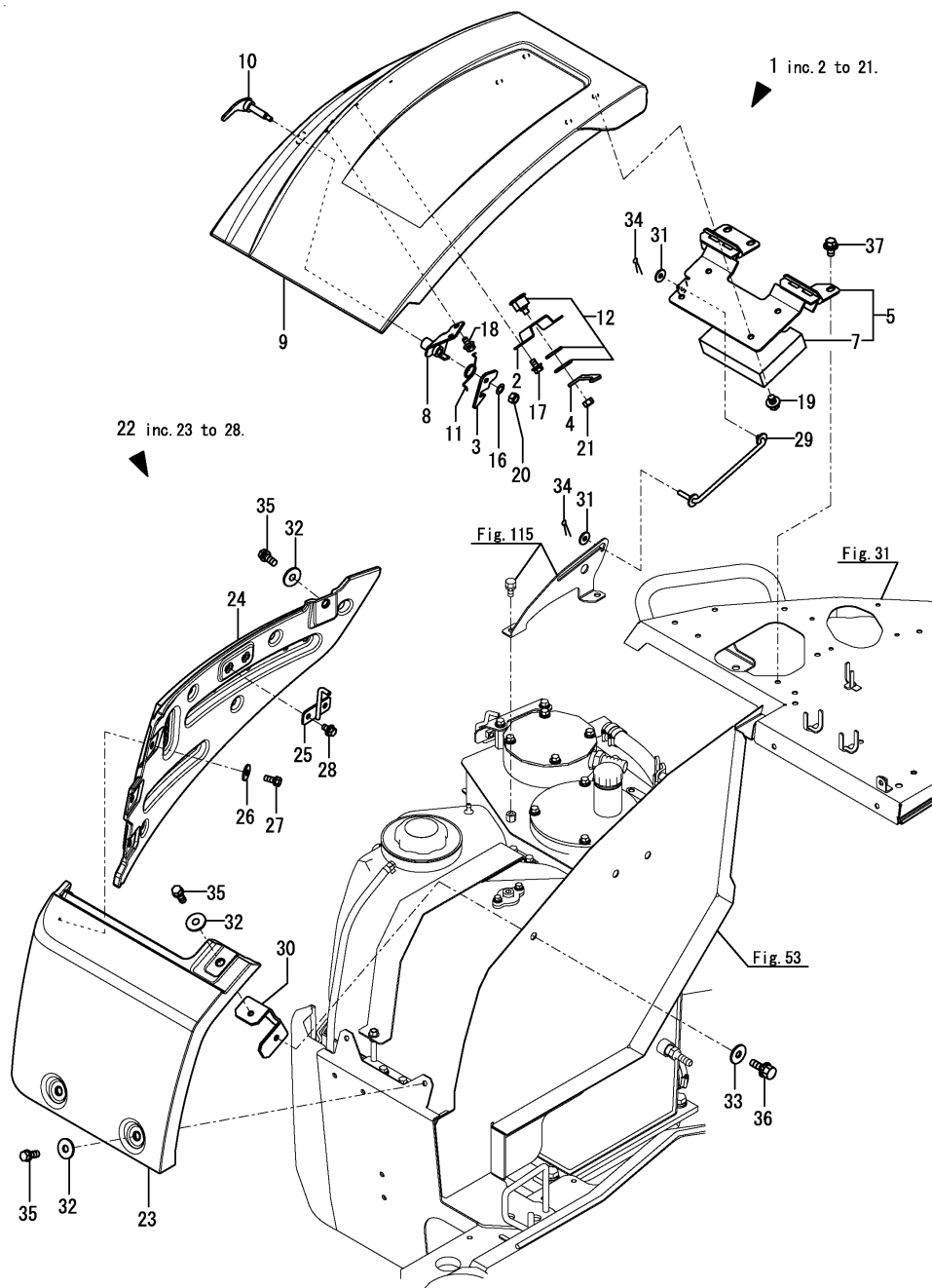
Fig.207. (66B)SEAT(INNER PARTS)(AS : FROM M01043)



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

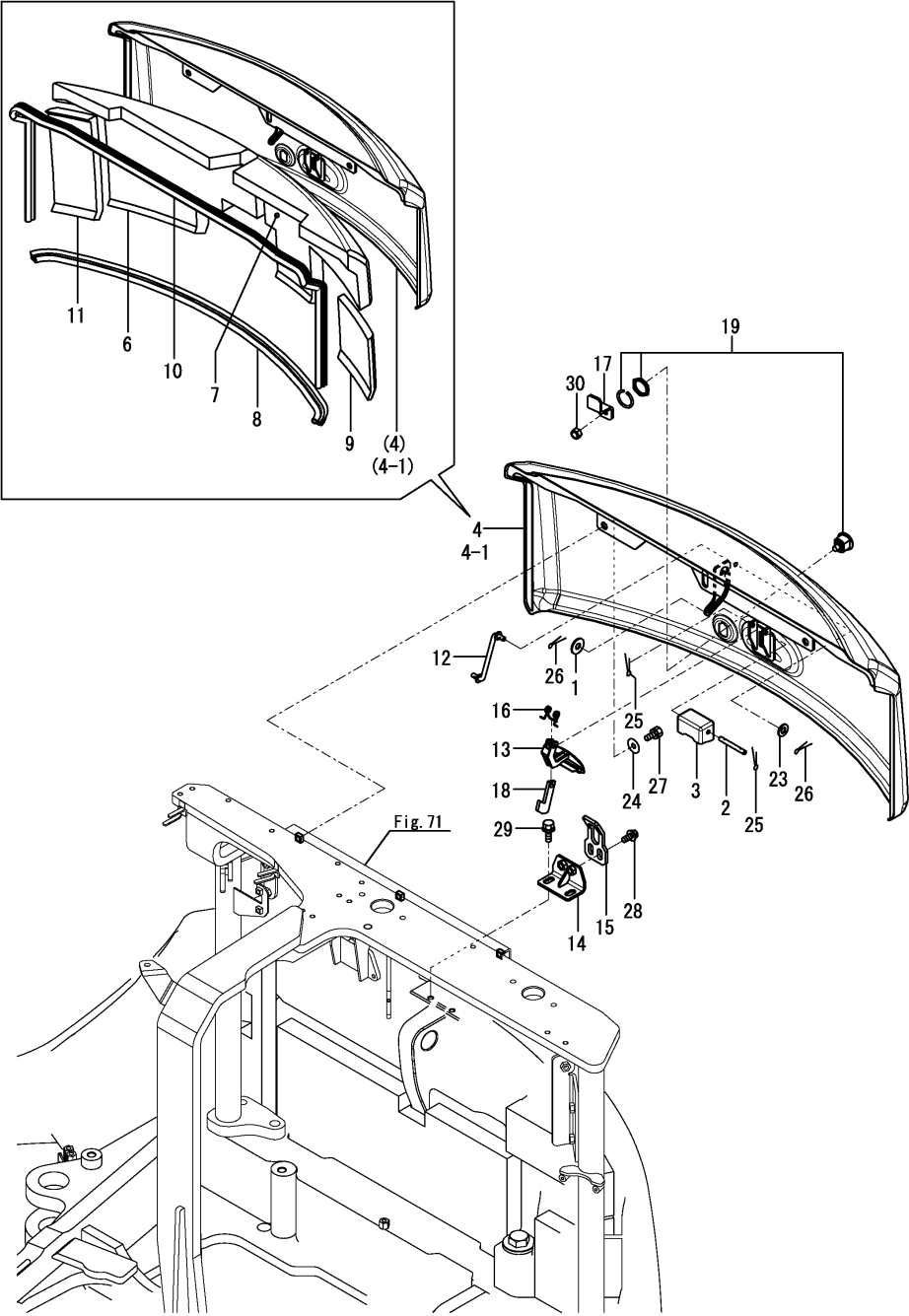
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-64400	SEAT ASSY,GRAM	1							
2	2	172B02-64410	SEAT ASSY, BACK REST	1							
3	2	172B02-64420	SEAT ASSY, CUSHON	1							
4	2	172B02-64430	SEAT ASSY, BELT	1							
5	2	172B02-64440	SEAT ASSY, RAIL	1							
6	2	172B02-64450	SEAT ASSY, ABSORBER	1							
7	2	172B02-64460	SEAT ASSY, SUS	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-62410	BONNET ASSY,U BLACK	1	1						
1-1	1	172B62-62410	BONNET ASSY, U BLACK	1	1						R
		(A=M00729)	(B=M00729)								
2	2	172B03-61960	LOCK, PLATE	1	1						
3	2	172A69-62280	PLATE, LOCK	1	1						
4	2	172B11-62290	STAY, KEY	1	1						
5	2	172B36-62300	PLATE ASSY,HINGE	1	1						
5-1	2	172A69-62340	PLATE ASSY, HINGE	1	1						R
		(A=M00501)	(B=M00501)								
7	3	172B36-62900	SPONGE,BONNET B	1	1						Z
		(A=M00501)	(B=M00501)								
8	2	172A69-62310	HOOK ASSY	1	1						
9	2	172A69-62420	BONNET, UPPER B	1	1						
10	2	172A69-62510	LEVER ASSY	1	1						
11	2	172156-65690	SPRING, STOPPER	1	1						
12	2	172B03-66170	CYLINDER ASSY, KEY	1	1						
16	2	22137-080000	WASHER, 8	1	1						
17	2	26014-080162	BOLT, M8X 16	2	2						
18	2	26014-080162	BOLT, M8X 16	2	2						
19	2	26014-100162	BOLT, M10X 16	4	4						
20	2	26347-080002	NUT, M8	1	1						
21	2	26347-100002	NUT, M10	1	1						
22	1	172A69-62430	BONNET ASSY, LOWER B	1	1						
23	2	172A69-62440	BONNET, FRONT B	1	1						
24	2	172A69-62450	BONNET, REAR B	1	1						
25	2	172A69-62470	BAR ASSY, CATCH	1	1						
26	2	22157-080000	WASHER, 8	3	3						
27	2	26013-080202	BOLT, M8X 20	3	3						
28	2	26014-080162	BOLT, M8X 16	2	2						
29	1	172A69-62650	ROD ASSY, STOPPER	1	1						
30	1	172A69-65530	STAY ASSY, BONNET	1	1						
31	1	22157-080000	WASHER, 8	2	2						
32	1	22157-100000	WASHER, 10	4	4						
33	1	22157-100000	WASHER, 10	1	1						
34	1	22417-200200	PIN, COTTER 2.0X20	2	2						
35	1	26013-100252	BOLT, M10X 25	4	4						
36	1	26013-100252	BOLT, M10X 25	1	1						
37	1	26014-100202	BOLT, M10X 20	3	3						

Fig.68. BONNET(REAR)

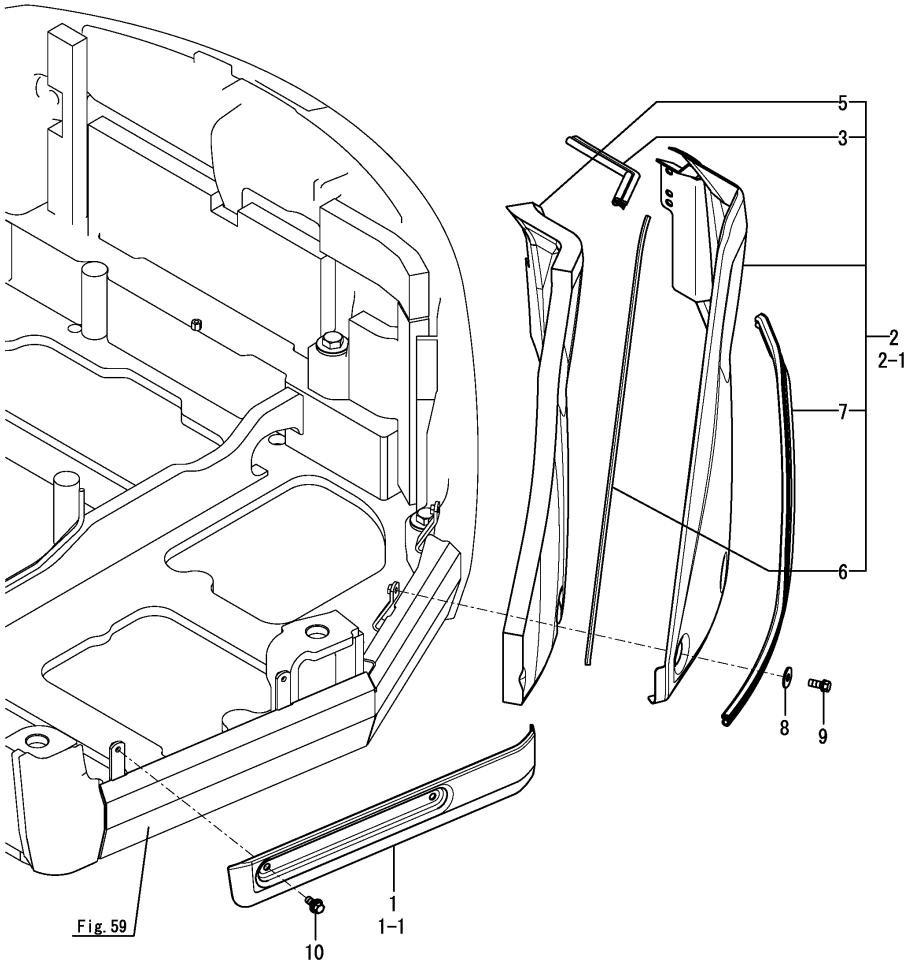


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
2	1	172458-65050	SHAFT	1	1						
3	1	172458-65060	COVER, BONNET LOCK	1	1						
4	1	172B11-65120	BONNET ASSY, A	1	1						
4-1	1	172B11-65120-1	BONNET ASSY, A	1	1						S
		(A=*2021.12) (B=*2021.12)									
6	2	172B11-65160	SPONGE, BONNET A	1	1						
7	2	172B11-65170	SPONGE, BONNET A	1	1						
8	2	172A69-65180	RUBBER, SEAL 1070	1	1						
9	2	172B11-65180	SPONGE, BONNET A	1	1						
10	2	172A69-65190	RUBBER, SEAL 1760	1	1						
11	2	172B11-65190	SPONGE, BONNET A	1	1						
12	1	172444-65190	ROD ASSY, STOPPER	1	1						
13	1	172187-65210	LEVER ASSY, LOCK	1	1						
14	1	172B11-65220	BRACKET ASSY, LOCK	1	1						
15	1	172187-65270	PLATE, CATCH	1	1						
16	1	172734-65270	SPRING, CATCH	1	1						
17	1	172B11-65270	PLATE, LOCK	1	1						
18	1	172124-65480	CATCHER	1	1						
19	1	172B03-66170	CYLINDER ASSY, KEY	1	1						
23	1	22137-080000	WASHER, 8	1	1						
24	1	22157-100000	WASHER, 10	3	3						
25	1	22417-200200	PIN, COTTER 2.0X20	2	2						
26	1	22417-200200	PIN, COTTER 2.0X20	2	2						
27	1	26013-100252	BOLT, M10X 25	3	3						
28	1	26014-100252	BOLT, M10X 25	2	2						
29	1	26014-100252	BOLT, M10X 25	2	2						
30	1	26347-100002	NUT, M10	1	1						

Fig.69. BONNET(LEFT)



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

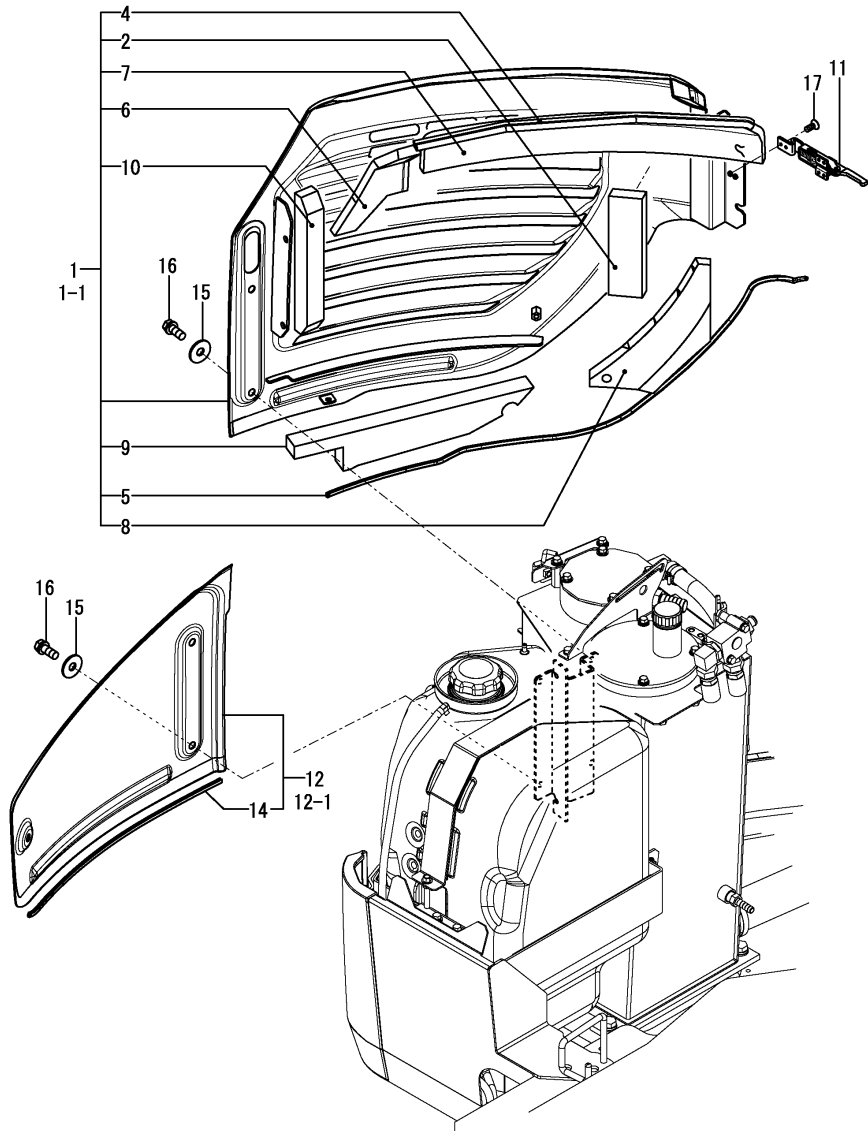
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-61490	COVER, FRAME L	1	1						
1-1	1	172B11-61490-1	COVER, FRAME L	1	1					S	
(A=*2021.12) (B=*2021.12)											
2	1	172A89-65600-Y	BONNET ASSY, L	1	1						
2-1	1	172A89-65600-1	BONNET ASSY, L	1	1					S	
(A=*2021.12) (B=*2021.12)											
3	2	172162-15310	SEAL	1	1						
5	2	172A89-65630	PAD, BONNET L	1	1						
6	2	172A69-65670	TRIM, 860	1	1						
7	2	172171-65820	RUBBER, SEAL	1	1						
8	1	22157-100000	WASHER, 10	4	4						
9	1	26013-100252	BOLT, M10X 25	4	4						
10	1	26014-100252	BOLT, M10X 25	2	2						

Fig.70. BONNET(RIGHT)

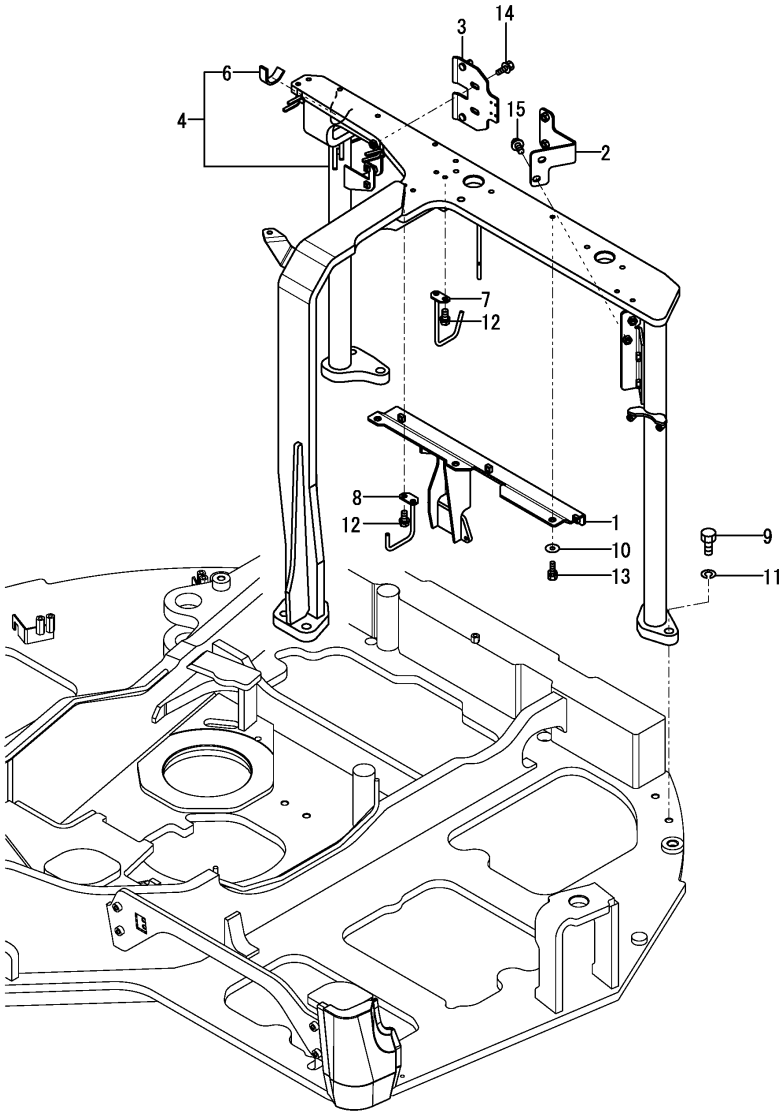
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
1-1	1	172B11-65800-1	BONNET ASSY, R	1	1						S
(A)=*2021.12) (B)=*2021.12)											
2	2	172B16-64190	SPONGE, COVER A	1	1						
4	2	172A89-65850	RUBBER, SEAL 670	1	1						
5	2	172A89-65860	TRIM, 1160	1	1						
6	2	172B11-65910	SPONGE, BONNET R A	1	1						
7	2	172B11-65921	SPONGE, BONNET R B	1	1						
8	2	172B11-65930	SPONGE, BONNET R C	1	1						
9	2	172B11-65940	SPONGE, BONNET R D	1	1						
10	2	172B11-65950	SPONGE, BONNET R E	1	1						
11	1	172A69-65872	HANDLE, BONNET LOCK	1	1						
12	1	172A69-65900-Y	BONNET ASSY	1	1						
12-1	1	172A69-65900-1	BONNET ASSY	1	1						S
(A)=*2021.12) (B)=*2021.12)											
14	2	172A69-65920	TRIM, 600	1	1						
15	1	22157-100000	WASHER, 10	5	5						
16	1	26013-100252	BOLT, M10X 25	5	5						
17	1	26577-050122	SCREW, M5X12	6	6						

Fig.71. CABIN MOUNT

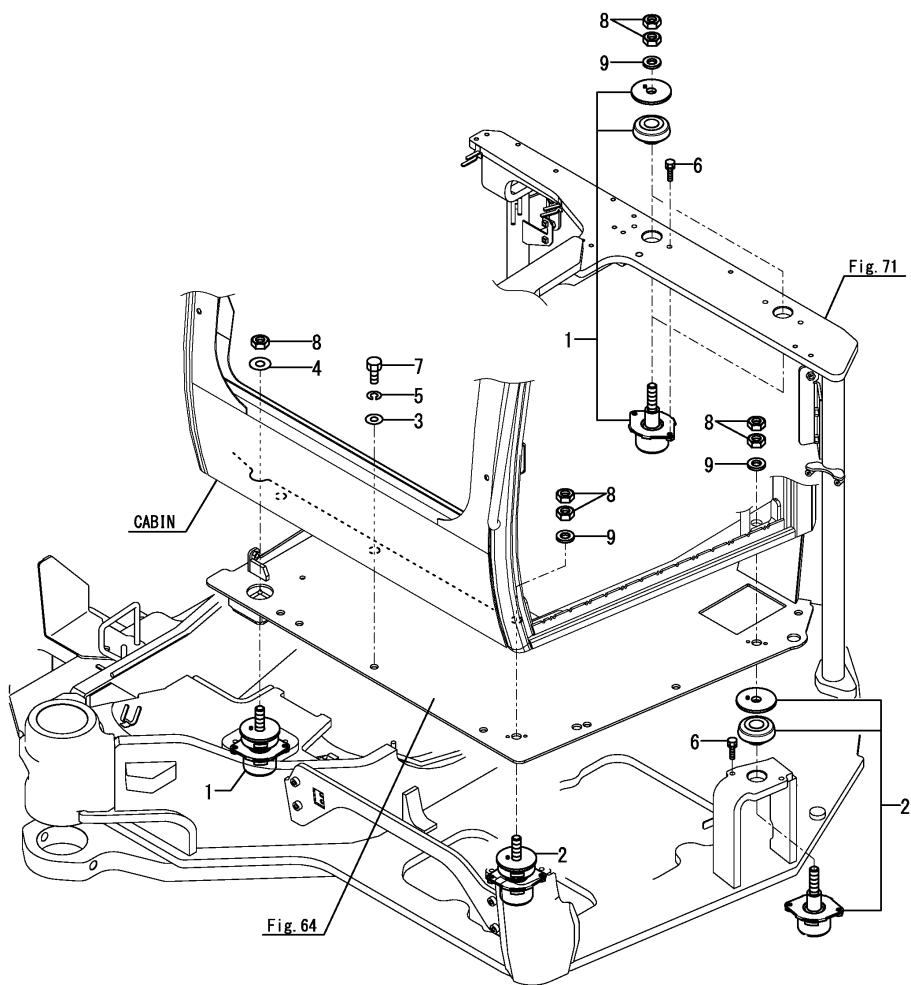


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

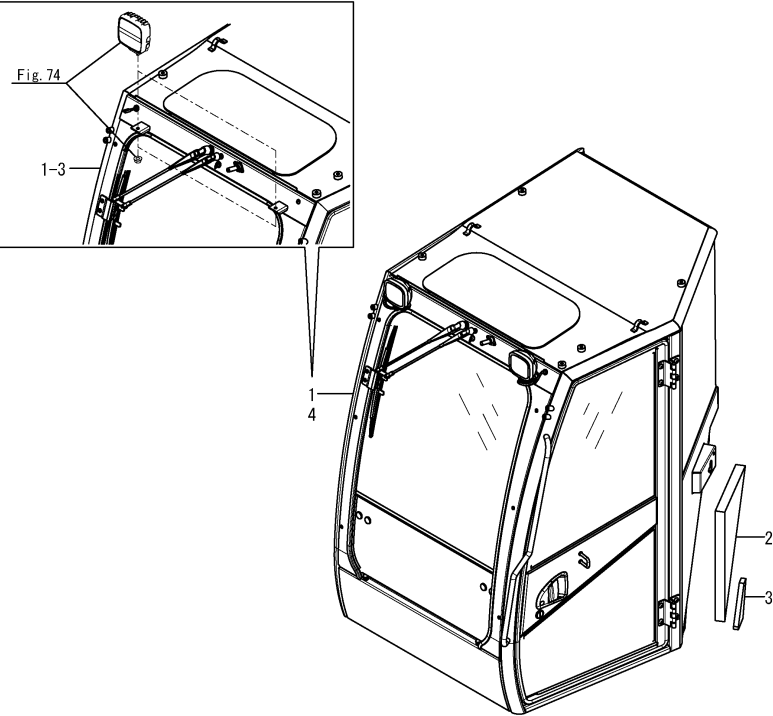
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-65211	BRACKET ASSY, A	1	1						
2	1	172A89-65661	STAY ASSY, BONNET L	1	1						
3	1	172A89-65950	BRACKET ASSY, BR	1	1						
4	1	172B11-67100	BRACKET ASSY,CABIN M	1	1						
6	2	172A89-67450	SEAL, SPONGE 105	1	1						
7	1	172A89-67360	GUIDE ASSY, HOSE C	1	1						
8	1	172A89-67390	GUIDE ASSY, HOSE E	1	1						
9	1	172460-73320	BOLT, 16X45	6	6						
10	1	22157-100000	WASHER, 10	3	3						
11	1	22217-160000	WASHER, SPRING 16	6	6						
12	1	26013-100202	BOLT, M10X 20	4	4						
13	1	26013-100252	BOLT, M10X 25	3	3						
14	1	26014-100252	BOLT, M10X 25	2	2						
15	1	26014-100252	BOLT, M10X 25	2	2						

Fig.72. CABIN MOUNT(ANTIVIBRATION MOUNT)



				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (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	3						
2	1	172A69-64170	MOUNT ASSY, 70HS	2	2						
3	1	22137-160000	WASHER, 16	6	6						
4	1	22137-200000	WASHER, 20	1	1						
5	1	22217-160000	WASHER, SPRING 16	6	6						
6	1	26013-100352	BOLT, M10X 35	10	10						
7	1	26076-160402	BOLT, 10.916X 40	6	6						
8	1	26716-200002	NUT, M20	9	9						
9	1	933172-14120	WASHER, 21X40X6	4	4						



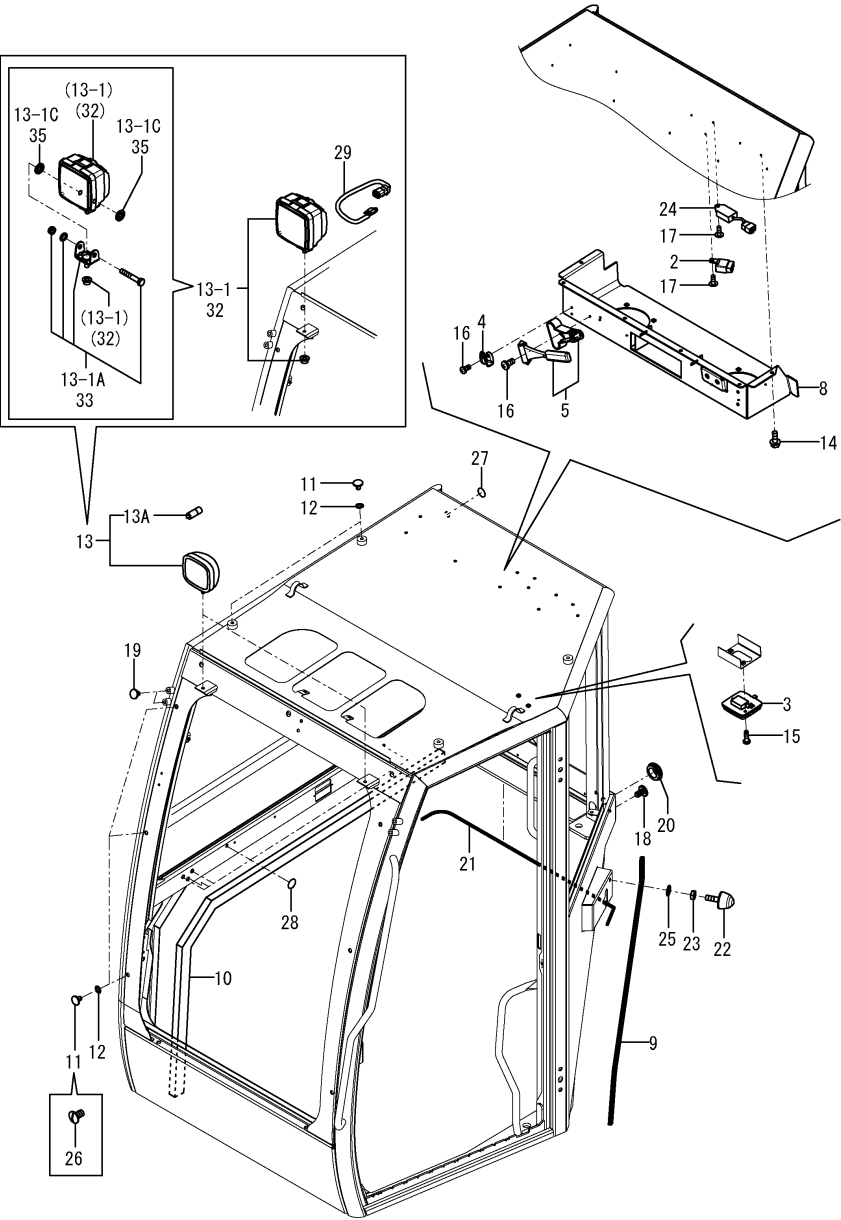
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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						1
1-1	1	172B11-68001	CABIN ASSY	1	1					N	1
		(A=M00937) (B=M00937)									
1-2	1	172B11-69000	CABIN ASSY,EX LED	1	1					N	1
		(A=*2022.01) (B=*2022.01)									
1-3	1	172B11-69001	CABIN ASSY,EX LED	1	1					F	3
		(A=M01003) (B=M01003)									
2	1	172B11-68910	SPONGE, CABIN A	1	1						
3	1	172B11-68920	SPONGE, CABIN B	1	1						
4	1	172B11-69050	CABIN ASSY,EX LED	1	1					W	2
		(A=M00968) (B=M00968)									
4-1	1	172B11-69050	CABIN ASSY,EX LED	1	1					Z	4
		(A=M01003) (B=M01003)									

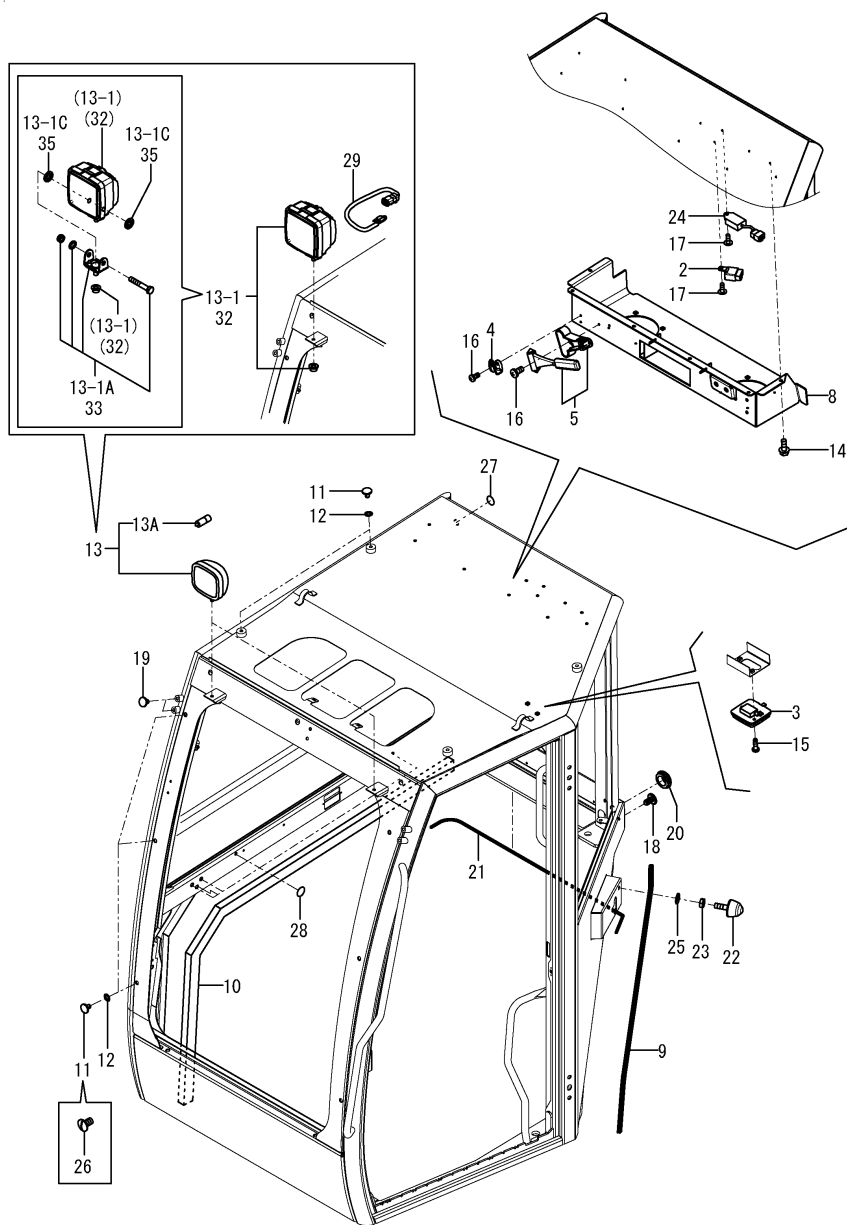
Remarks
(1)Inner parts are shown in Fig.83 from Fig.74.
(2)Not applied for back monitor specifications.
(3)Inner parts are shown in Fig.83 from Fig.74.
Interchangeable by simultaneous replacement with Fig.74 No.32.
(4)Copes in No.1-3 & Fig.74 Ref.No.32.

Fig.74. CABIN(ACCESSORY)(1)



Remarks
(1)Interchangeable by simultaneous replacement with No.29.
(2)For back monitor mounting holes.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172B02-17150	RELAY, CA TYPE C	1	1						
3	3	172B06-68040	LAMP, ROOM	1	1						
4	3	172B06-68070	HOOK, COAT	1	1						
5	3	172B06-68101	HAMMER, EMERGENCY	1							
5-1	3	172B11-68350	HAMMER,EMERGENCY	1	1						N
(A=M00569)											
8	3	172B11-68240	COVER ASSY, HEADER	1	1						
9	3	172B11-68270	SEAL, 865	1	1						
10	3	172B11-68290	SEAL, 1780	1	1						
11	3	172B11-68310	PLUG, HOLE	10	10						
11-1	3	172B11-68310	PLUG, HOLE	4	4						K
(A=M00771) (B=M00771)											
12	3	172B11-68320	RUBBER, PACKING	10	10						
12-1	3	172B11-68320	RUBBER, PACKING	4	4						K
(A=M00771) (B=M00771)											
13	3	172B06-68350	LAMP, WORK	2	2						
13-1	3	172B57-17351	LAMP ASSY,WORK LED	2	2						F 1
(A=M00968) (B=M00968)											
13-1A	4	172B57-17360	BRACKET,LED LAMP	2	2						W
(A=M00968) (B=M00968)											
13-1C	4	172B57-17370	SPACER,LED LAMP	4	4						W
(A=M00968) (B=M00968)											
13-2	3	172B57-17351	LAMP ASSY,WORK LED	2	2						Z
(A=M01003) (B=M01003)											
13A	4	172458-17420	BULB, 12V 55W	2	2						W
(A=M00501)											
13A-1	4	172458-17420	BULB, 12V 55W	2	2						Z
(A=M00968) (B=M00968)											
14	3	172B06-68360	BOLT, M6X16	6	6						
15	3	172B06-68370	BOLT, M5X16	2	2						
16	3	172B06-68380	BOLT, M4X12	4	4						
17	3	172B11-68800	SCREW, M6X16	2	2						
18	3	172B11-69030	CAP, BOLT M8	2	2						
19	3	172B11-69040	CAP, BOLT M10	4	4						
20	3	172B11-69060	GROMMET, 22	1	1						
21	3	172B11-69080	SEAL, DAM 935	1	1						
22	3	172463-69270	STOPPER, DOOR	1	1						
23	3	172455-69560	NUT, M10	1	1						
24	3	128300-77920	TIMER, GLOW PLUG	1	1						
25	3	22217-100000	WASHER, SPRING 10	1	1						
26	3	172B11-69040	CAP, BOLT M10	6	6						W
(A=M00771) (B=M00771)											
27	3	172544-67130	SEAL, COVER	1	1						W 2
(A=M00968) (B=M00968)											
28	3	172B06-68090	SEAL, COVER	5	5						W 2
(A=M00968) (B=M00968)											
29	3	172B11-16150	HARNESS, LED LAMP	2	2						W
(A=M00968) (B=M00968)											
32	1	172B57-17351	LAMP ASSY,WORK LED	2	2						W
(A=M01003) (B=M01003)											
33	2	172B57-17360	BRACKET,LED LAMP	2	2						

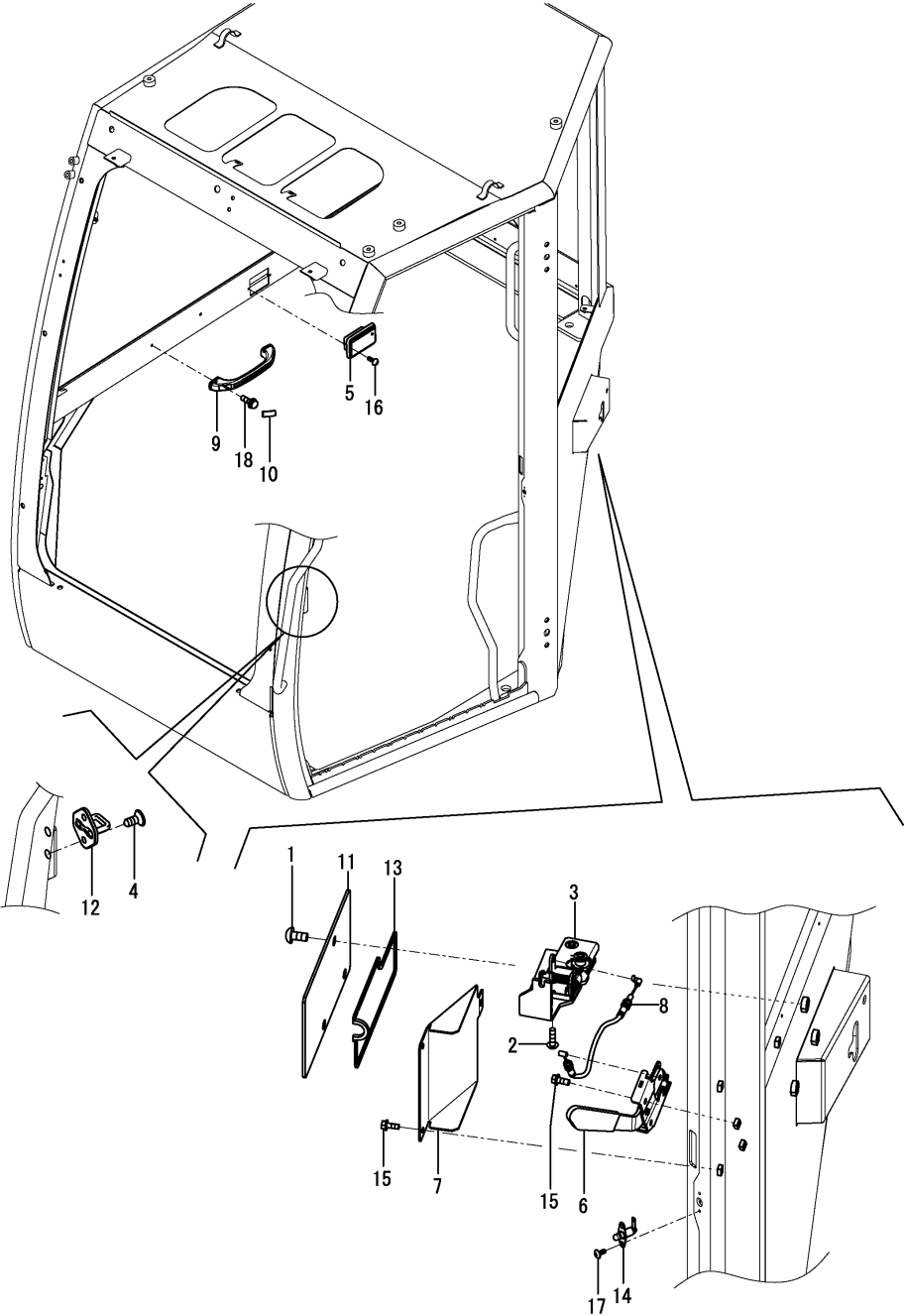


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35	2	172B57-17370	SPACER,LED LAMP	4	4						

(1) Interchangeable by simultaneous replacement with No.29.
(2) For back monitor mounting holes.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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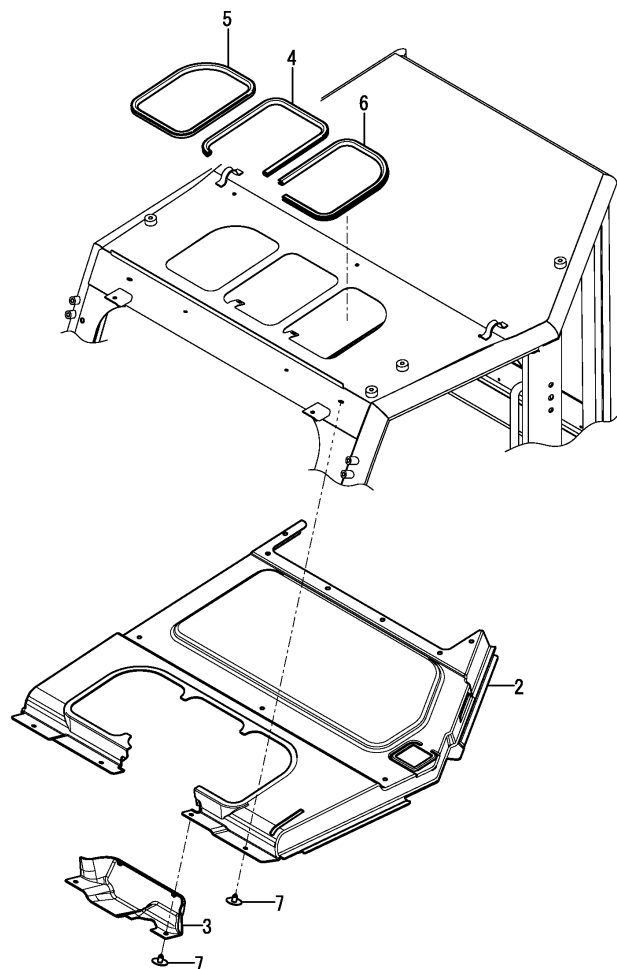
Fig.75. CABIN(ACCESSORY)(2)



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

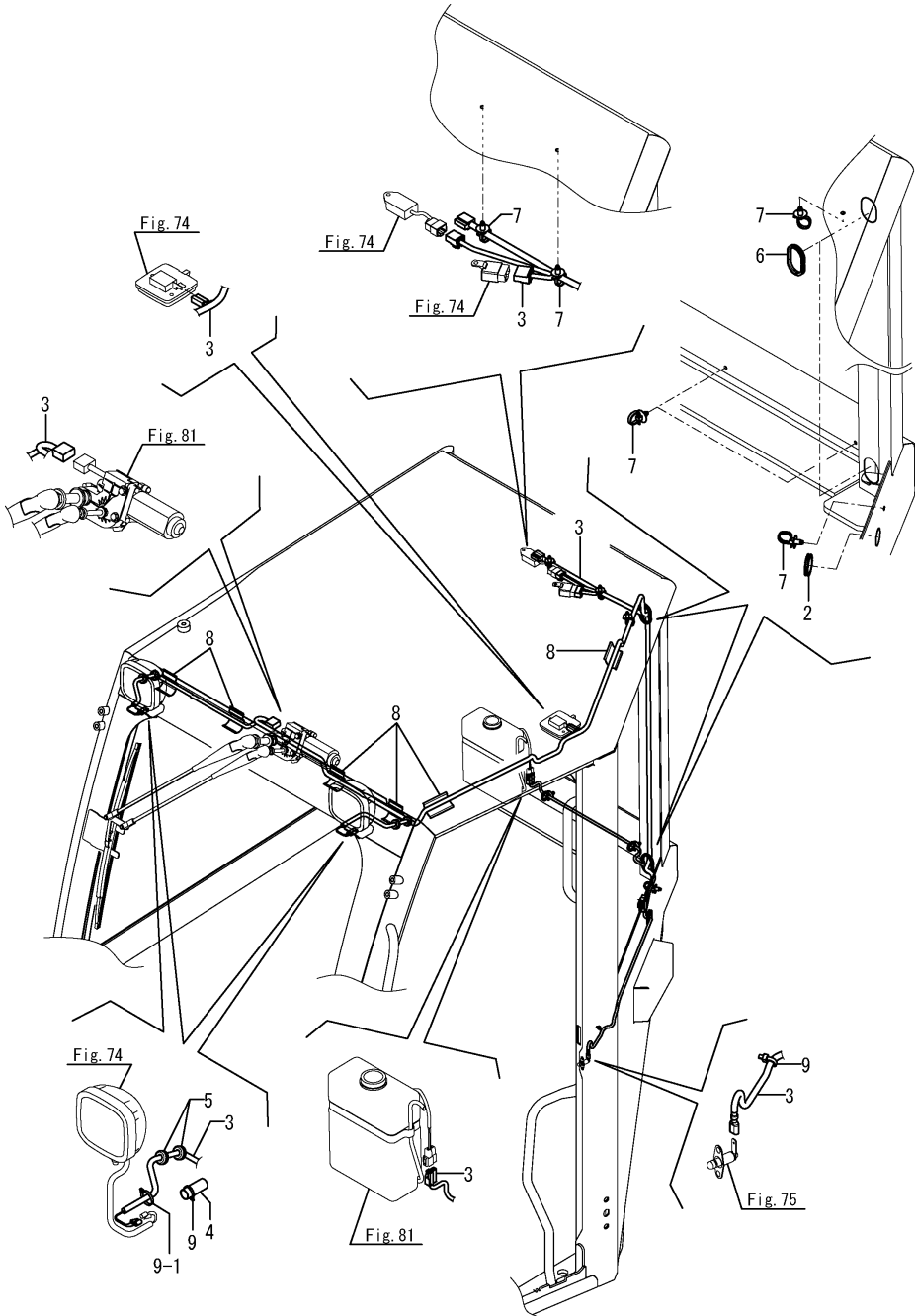
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172458-63730	SCREW, M10X20	3	3						
2	3	172455-67350	SCREW, M6X25	4	4						
3	3	172B06-68060	LATCH ASSY	1	1						
4	3	172B06-68130	SCREW, M8X20	2	2						
5	3	172B06-68150	TRAY, ASH	1	1						
6	3	172B11-68160	LEVER ASSY, LOW	1	1						
7	3	172B11-68170	COVER, DOOR LEVER	1	1						
8	3	172B11-68180	CABLE ASSY, DOOR	1	1						
9	3	172B11-68210	GRIP, R D	1	1						
10	3	172B11-68220	CAP, GRIP R D	1	1						
11	3	172B11-68250	BRACKET ASSY, CATCH	1	1						
12	3	172B06-68260	STRIKER, DOOR	1	1						
13	3	172B11-68300	SEAL, 770	1	1						
14	3	172B06-68340	SWITCH, DOOR	1	1						
15	3	172B06-68360	BOLT, M6X16	5	5						
16	3	172B06-68380	BOLT, M4X12	2	2						
17	3	172B06-68400	SCREW, TAPPING M4X12	2	2						
18	3	172B11-68810	SCREW, M6X20	2	2						



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

Fig.77. CABIN(ELECTRIC PARTS)



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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	172455-67940	BUSH, PIN	1	1						
3	3	172B11-68752	HARNESS ASSY, CABIN	1	1						
4	3	172B11-68760	TUBE ASSY, PVC	2	2						
5	3	172B06-68780	GROMMET, 9.5X3.2	4	4						
6	3	172B06-68800	BUSH, 130	2	2						
7	3	172B06-68830	BAND, BINDING	6	6						
8	3	172B06-68870	TAPE, SOFT	6	6						
9	3	933168-55770	BAND, BINDING 146	3	3						
9-1	3	933168-55770	BAND, BINDING 146	7	7						K

(A=M01003) (B=M01003)

Fig.78. CABIN(GLASS)

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	12						
3	3	172458-63960	SPACER, LOWER	11	11						
4	3	172B11-68560	GLASS, RIGHT FRONT	1	1						
5	3	172B11-68570	GLASS, LEFT	1	1						
6	3	172B11-68580	GLASS, REAR	1	1						
7	3	172B11-68590	GLASS, ROOF	1	1						
8	3	172B11-68600	SASH ASSY	1	1						
9	4	172455-67770	LOCK ASSY, SASH	2	2						
12	4	172B11-68631	GLASS, SASH FRONT	1	1						
13	4	172B11-68640	GLASS, SASH REAR	1	1						
14	4	172B11-68670	GLASSRUN,SASH IN	1	1						W
		(A=M01006) (B=M01006)									
15	4	172B11-68930	GLASSRUN,SASH OUT	1	1						W
		(A=M01006) (B=M01006)									

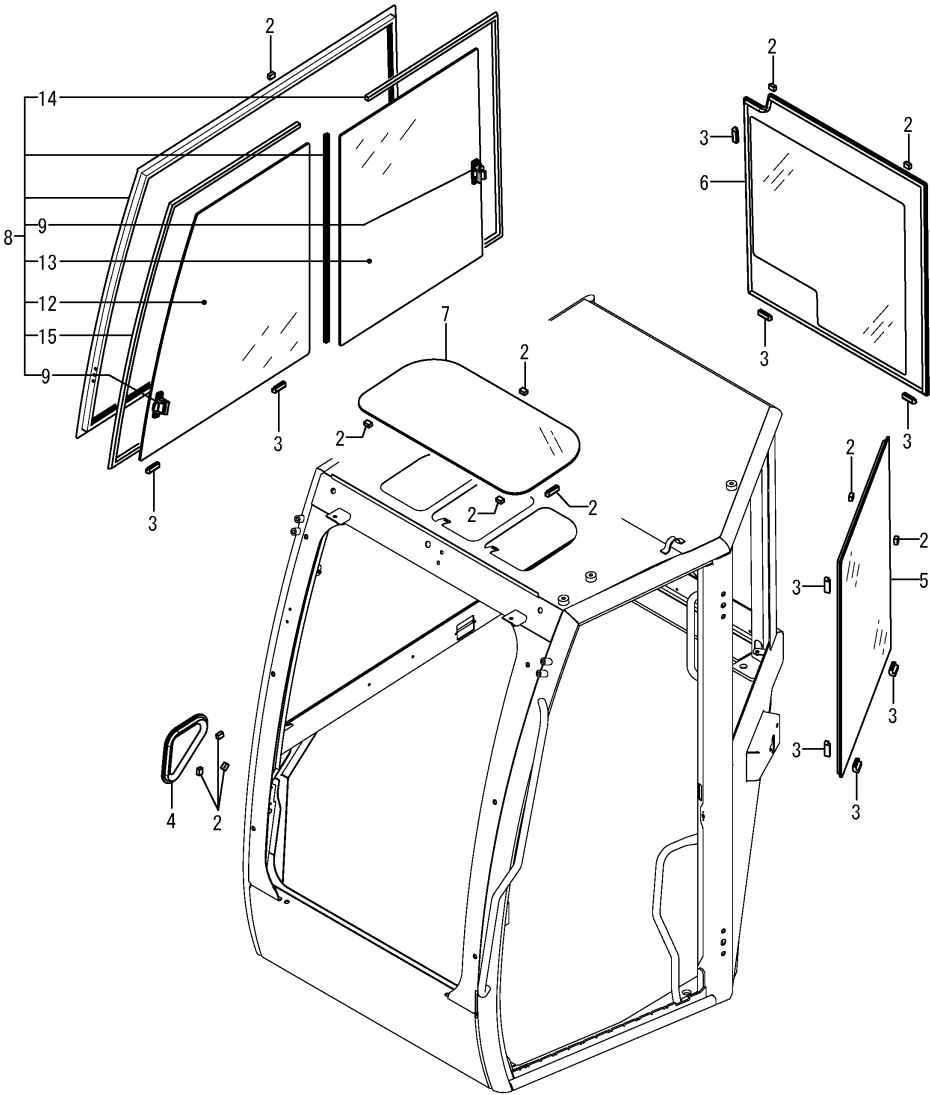
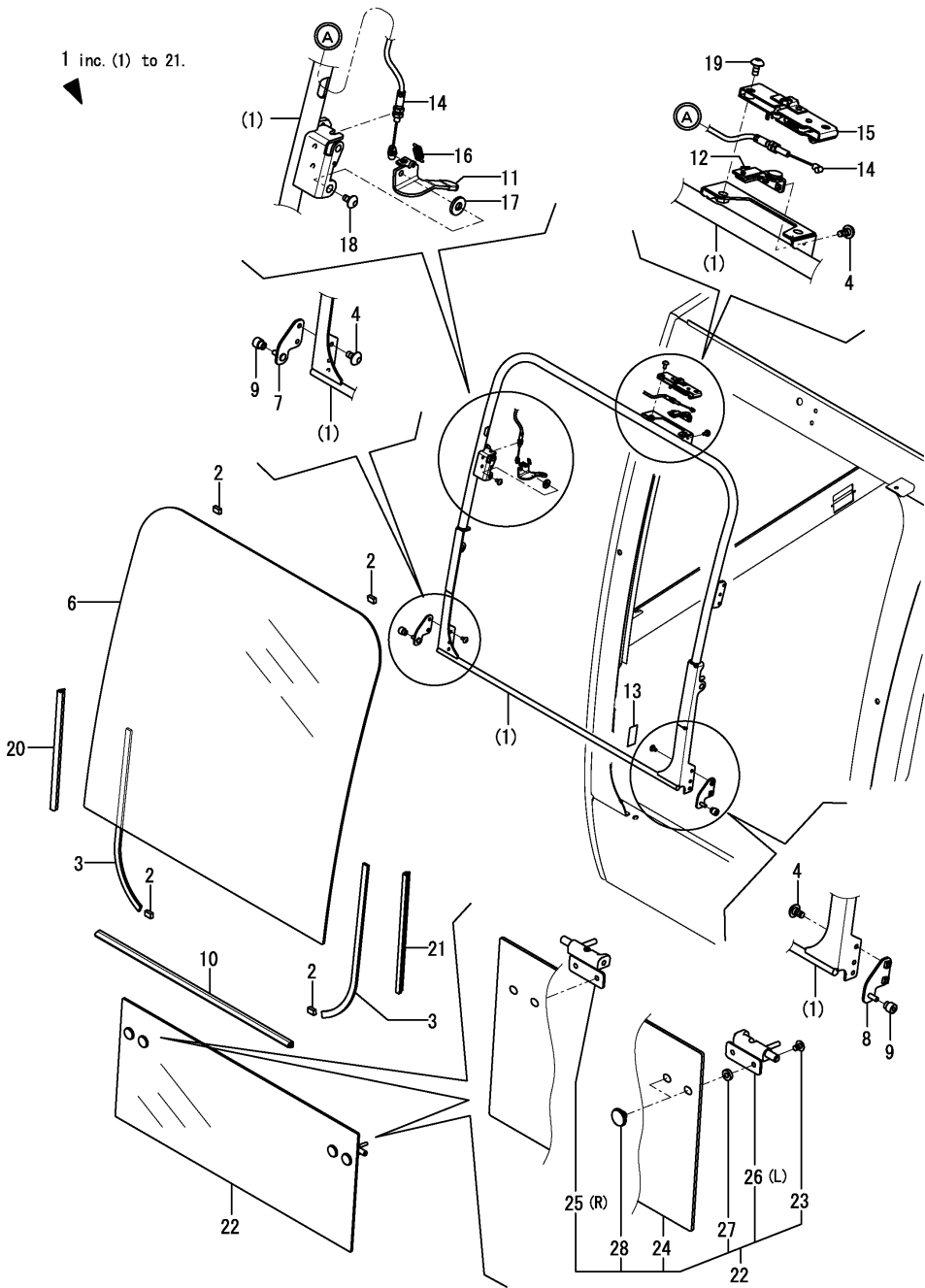


Fig.79. CABIN(FRONT WINDOW)(1)

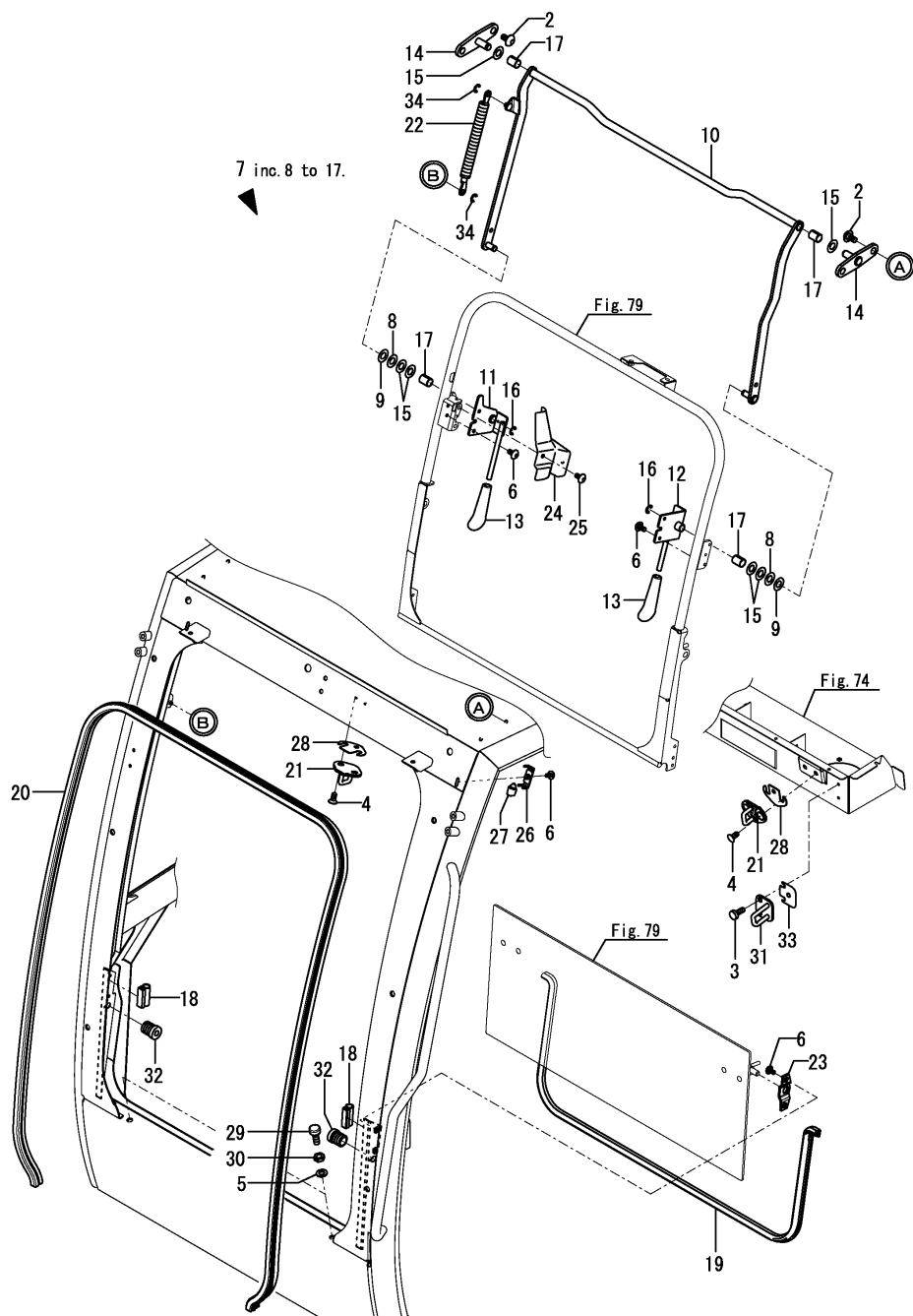


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

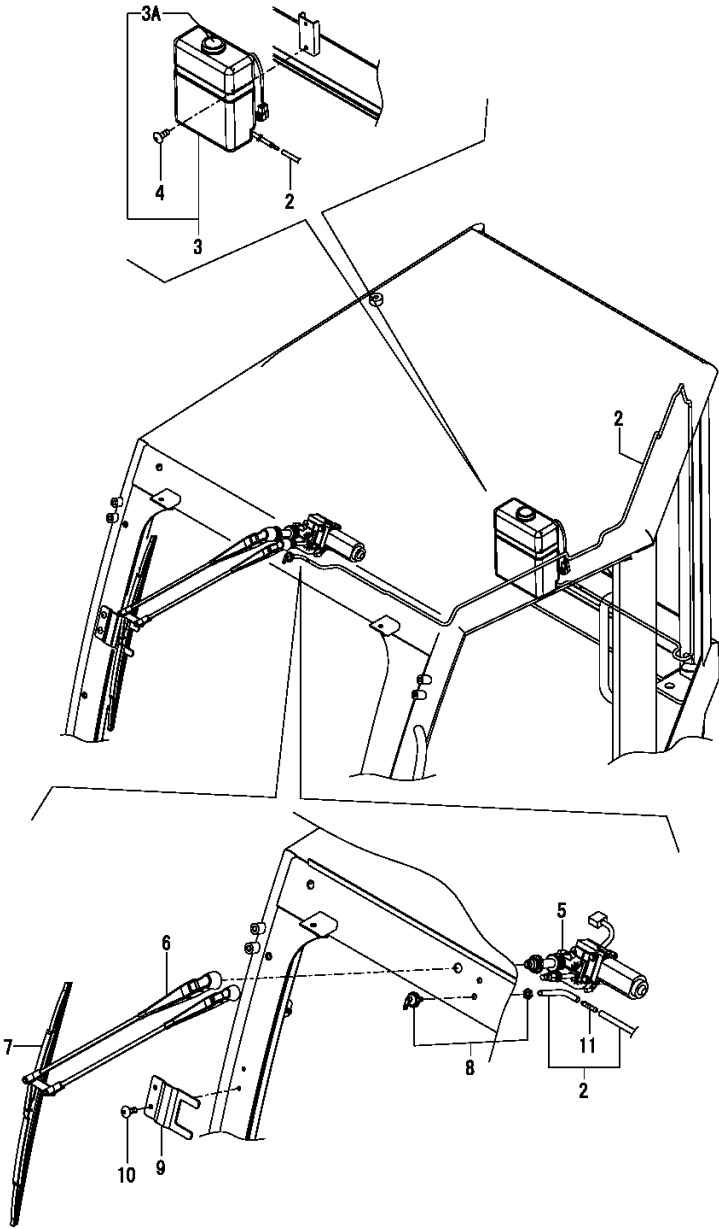
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172B11-69160	WINDOW ASSY, FRONT	1	1						
2	4	172458-63950	SPACER	4	4						
3	4	172B11-69090	SEAL, DUM 360	2	2						
4	4	172463-69150	SCREW	6	6						
6	4	172B11-69180	GLASS, F/W	1	1						
7	4	172B11-69190	STAY ASSY, F/W R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

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



No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
2	3	172458-63730	SCREW, M10X20	4	4					
3	3	172B06-68360	BOLT, M6X16	2	2					
4	3	172B11-68830	SCREW, M8X20	4	4					
5	3	172B11-68860	WASHER, M10	2	2					
6	3	172463-69150	SCREW	12	12					
7	3	172B11-69300	LINK ASSY, F/W	1	1					
8	4	172B11-68870	WASHER, M12	2	2					
9	4	172463-69240	WASHER, 12.5X26	2	2					
10	4	172B11-69310	LINK ASSY, F/W	1	1					
11	4	172B11-69320	BRACKET ASSY, LINK R	1	1					
12	4	172B11-69330	BRACKET ASSY, LINK L	1	1					
13	4	172B06-69370	KNOB	2	2					
14	4	172B11-69440	BRACKET ASSY, LINK	2	2					
15	4	172B06-69450	WASHER	6	6					
16	4	22272-000080	RING, E- 8	2	2					
17	4	24550-012200	BEARING, 12 X 20	4	4					
18	3	172B11-69430	SEAL, 40	2	2					
19	3	172B11-69450	SEAL, 1410	1	1					
20	3	172B11-69460	SEAL, GLASS FRONT	1	1					
21	3	172B11-69470	STRIKER	2	2					
22	3	172B11-69480	SPRING, GAS	1	1					
23	3	172B11-69490	HOLDER, LATCH	2	2					
24	3	172B11-69500	COVER, LOCK HANDLE R	1	1					
25	3	172B06-69510	CLIP, TREE	2	2					
26	3	172B11-69510	BRACKET ASSY,STOPPER	2	2					
27	3	172B11-69520	RUBBER, STOPPER	2	2					
28	3	172B11-69530	SHIM	2	2					
29	3	172455-69550	STOPPER, B	2	2					
30	3	172455-69560	NUT, M10	2	2					
31	3	172B11-69560	STRIKER ASSY, LOCK	1	1					
32	3	172B11-69570	RUBBER, STOPPER	2	2					
33	3	172B11-69580	SHIM	1	1					
34	3	22272-000060	RING, E- 6	2	2					

Fig.81. CABIN(WIPER & WINDOW WASHER)

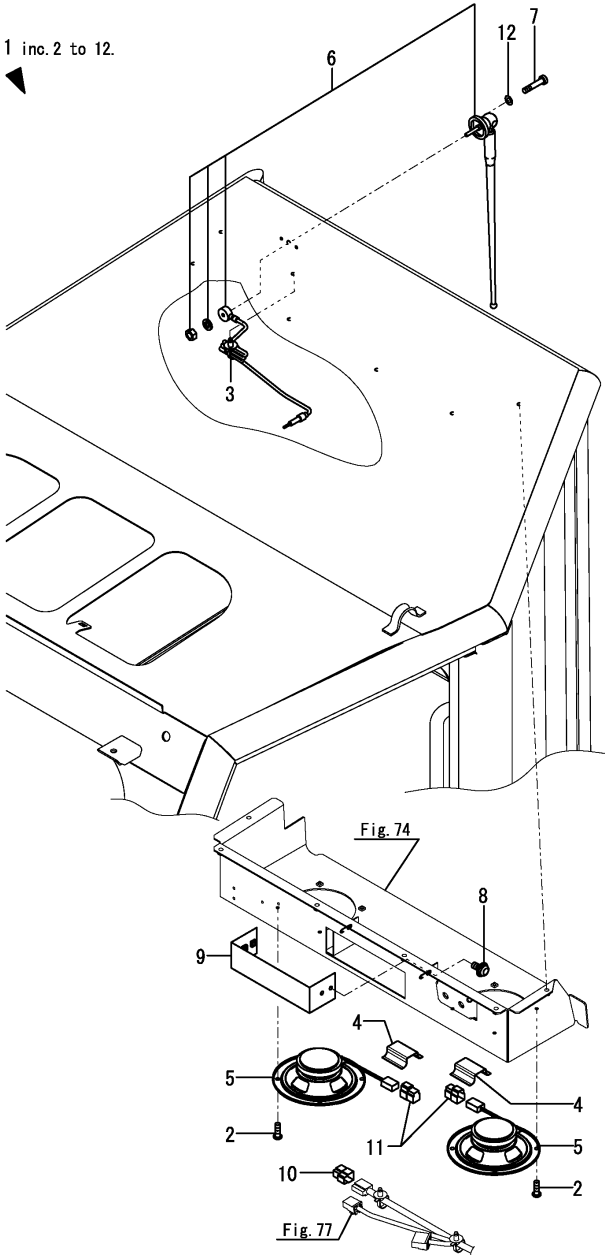


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
3	3	172B11-68340	TANK, WASHER	1	1						
3A	4	172B11-68360	CAP,WASHER TANK	1	1						
4	3	172B11-68800	SCREW, M6X16	2	2						
5	3	172B11-69220	MOTOR, WIPER	1	1						
6	3	172B11-69230	ARM, WIPER	1	1						
6-1	3	172B11-69231	ARM,WIPER	1	1						R
		(A=M01117) (B=M01117)									
7	3	172B06-69240	BLADE ASSY, 500	1	1						
8	3	172B11-69240	CONNECTOR, 90	1	1						
9	3	172B11-69250	BRACKET ASSY, WIPER	1	1						
10	3	172B11-69420	SCREW, TR-HD	2	2						
11	3	172B11-69700	VALVE ASSY	1	1						

Fig.82. CABIN(RADIO)



(A)=VIO82 C(AS)

(B)=VIO82 C(KR)

(C)=

(D)=

(E)=

(F)=

0CK50-M01331

Fig.82

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69610	ELECTRIC ASSY,NO RAD	1	1						
2	3	172B06-68390	BOLT, M4X12	8	8						
3	3	172B06-68830	BAND, BINDING	1	1						
4	3	172B06-68870	TAPE, SOFT	3	3						
5	3	172B06-69571	SPEAKER	2	2						
6	3	172B06-69581	ANTENNA, RADIO	1	1						
6-1	3	172B06-69582	ANTENNA, RADIO	1	1					N	
(A=M00569)											
7	3	172B06-69600	BOLT, M4X20	2	2						
8	3	172B11-69630	SCREW, M4X12	4	4						
9	3	172B11-69640	COVER, RADIO	1	1						
10	3	172B11-69650	CONNECTOR	1	1						
11	3	172B11-69660	CONNECTOR	2	2						
12	3	22137-040000	WASHER, 4	2	2						

N:Old

Yes

No

New

Q:Old

Yes

No

New

R:Old

Yes

No

New

S:Old

Yes

No

New

W:Add

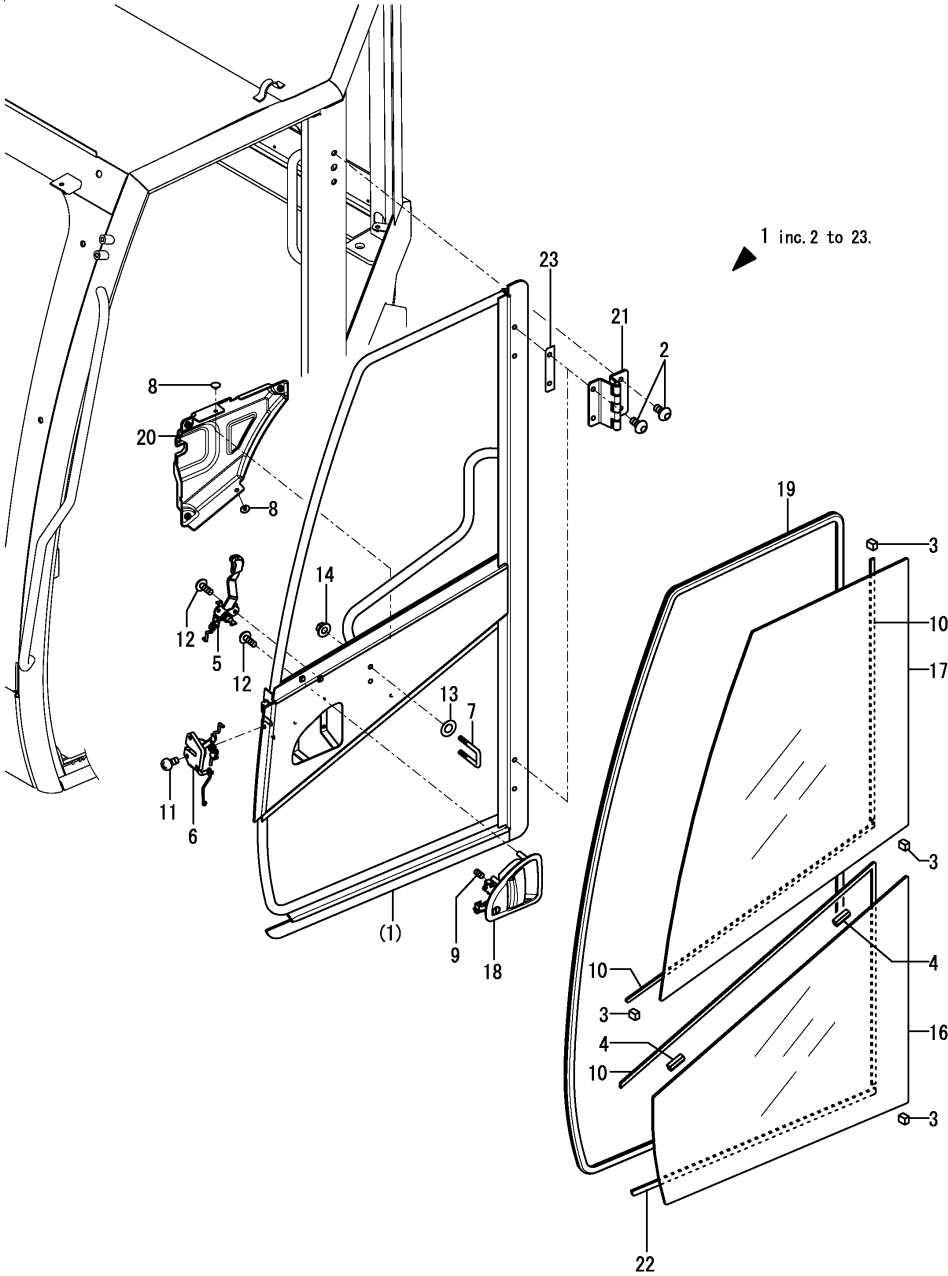
Z:Discontinued

F:Interchangeable by set

K:Q'ty Change

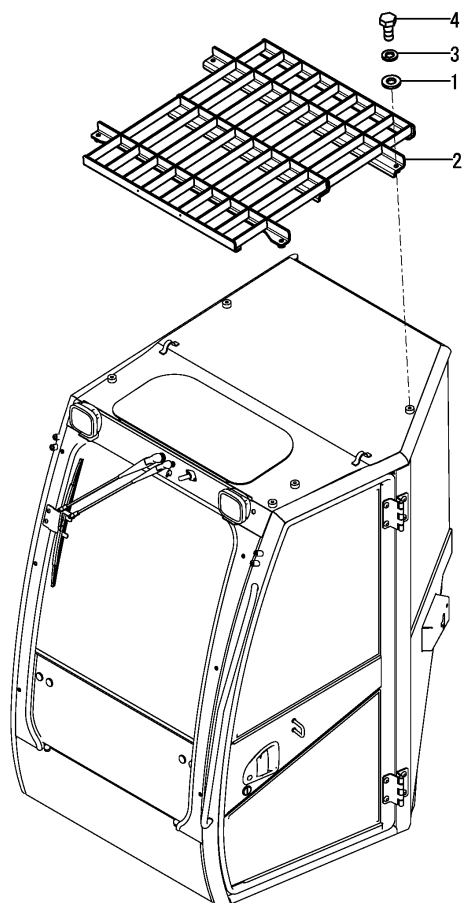
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Fig.83. CABIN DOOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B11-69802	DOOR ASSY, CABIN	1	1						
2	3	172458-63730	SCREW, M10X20	8	8						
3	3	172458-63950	SPACER	4	4						
4	3	172458-63960	SPACER, LOWER	2	2						
5	3	172B06-68940	HANDLE ASSY	1	1						
6	3	172B06-68950	LOCK ASSY, DOOR	1	1						
7	3	172B06-69010	HOOK, DOOR	1	1						
8	3	172B11-69020	CLIP, TREE	5	5						
9	3	172B06-69040	LOCK, SCREW	1	1						
10	3	172B11-69070	SEAL, DUM 2500	1	1						
11	3	172B06-69080	SCREW, M6X20	3	3						
12	3	172B06-69090	SCREW	5	5						
13	3	172455-69270	WASHER, 8.5X16	2	2						
14	3	172455-69710	NUT, SPRING 8	2	2						
16	3	172B11-69820	GLASS, DOOR LOWER	1	1						
17	3	172B11-69830	GLASS, DOOR UPPER	1	1						
18	3	172B11-69861	HANDLE ASSY, OUTER	1	1						
19	3	172B11-69870	SEAL, DOOR	1	1						
20	3	172B11-69880	COVER, DOOR INNER	1	1						
21	3	172B11-69890	HINGE ASSY, DOOR	2	2						
22	3	172B11-69920	SEAL, DUM 600	1	1						
23	3	172B11-69930	SHIM	1	1						

Fig.84. GUARD(CABIN ROOF)



				(A)=VIO82 C(AS)	(D)=						
				(B)=VIO82 C(KR)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER, 10	4	4						
2	1	172B36-66100	GUARD ASSY, CAB ROOF	1	1						
3	1	22217-100000	WASHER, SPRING 10	4	4						
4	1	26076-100402	BOLT, 10.910X 40	4	4						

Fig.85. REARVIEW MIRROR

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

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

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

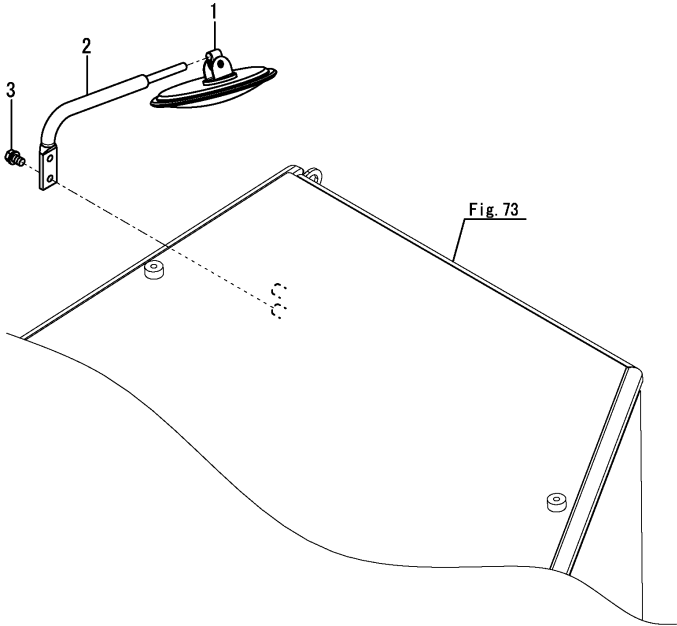


Fig.86. CABIN(COVER)

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62430	WASHER, M8	3	3						
2	1	172B11-68840	COVER ASSY, TANK D	1	1						
4	2	172B11-68960	SPONGE, COVER A	1	1						
5	2	172B11-68970	SPONGE, COVER B	1	1						
6	2	172B11-68980	SPONGE, COVER C	1	1						
7	1	172137-69850	SCREW, BIND	3	3						

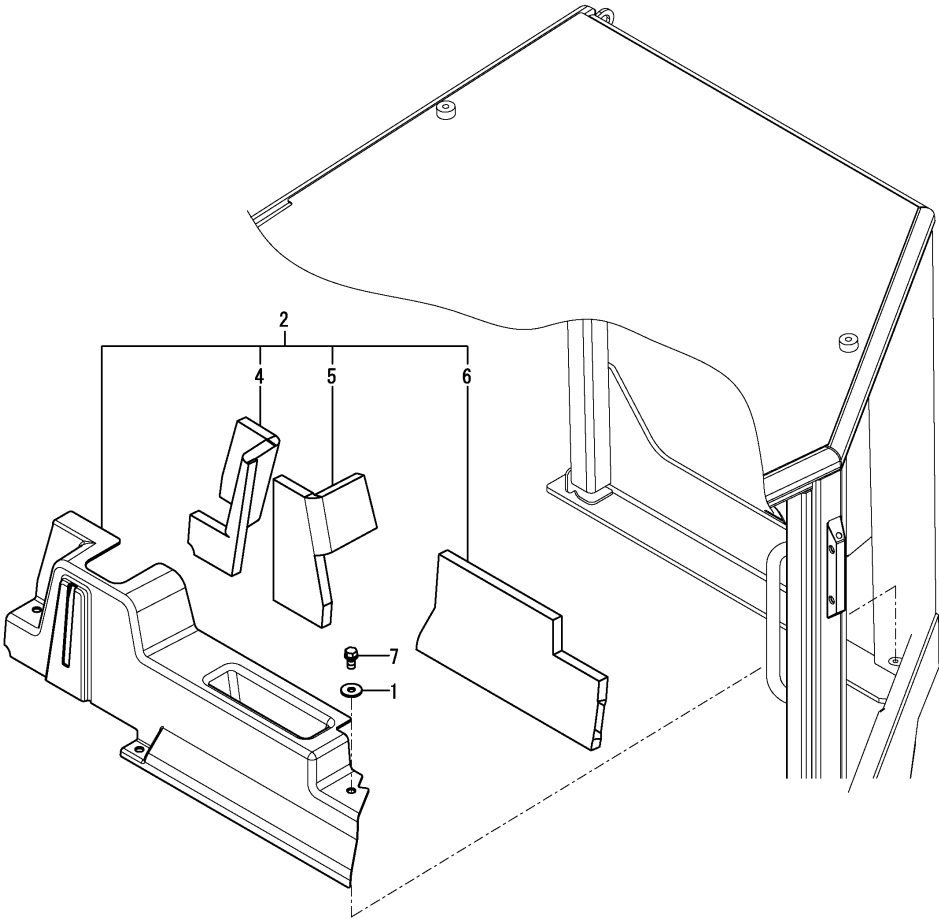
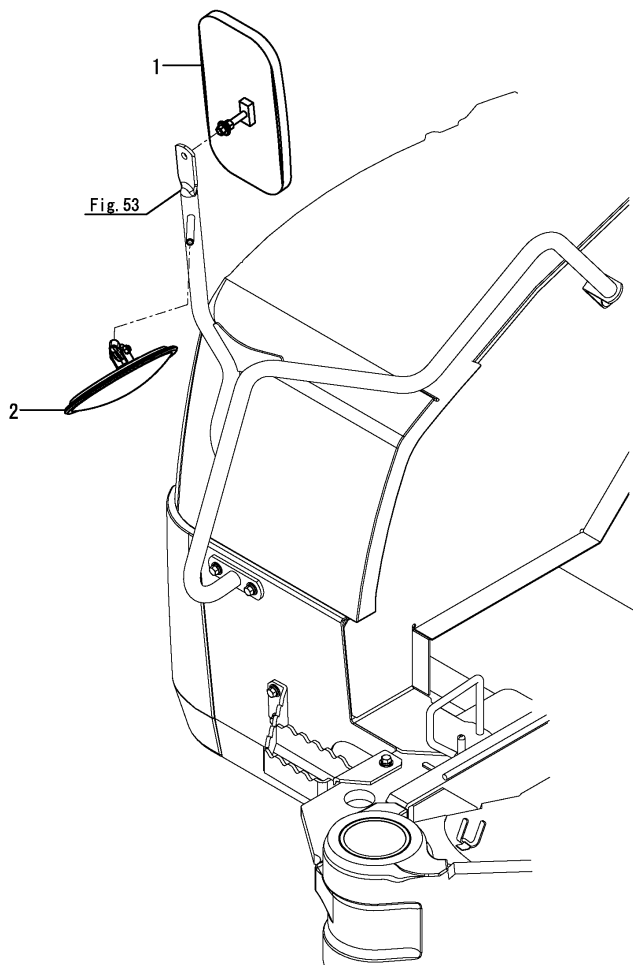


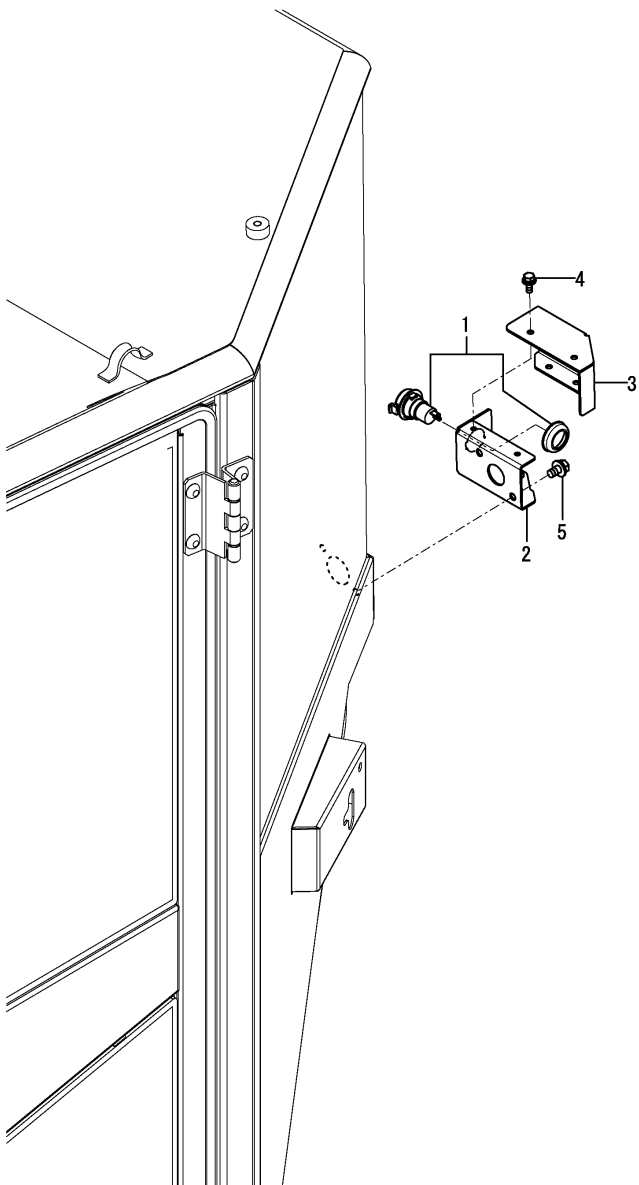
Fig.87. SIDE MIRROR

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



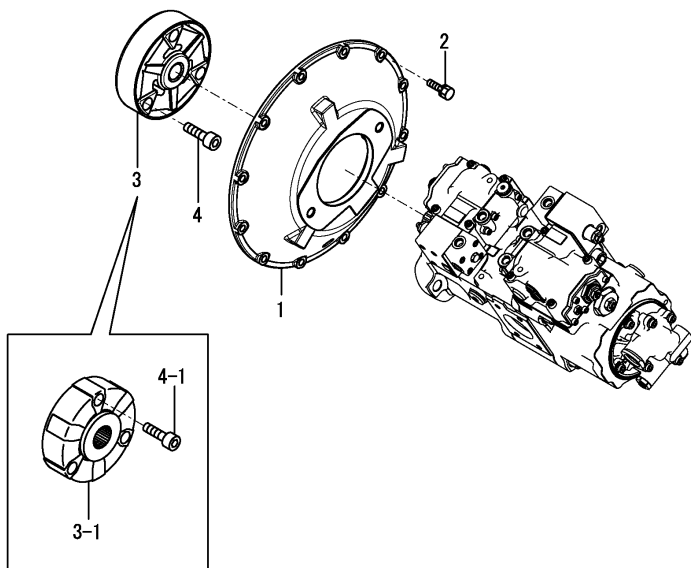
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1W3855-50160	MIRROR ASSY,REARVIEW	1	1						
2	1	172A25-68500	MIRROR, REARVIEW	1	1						

Fig.88. POWER SUPPLY SOCKET



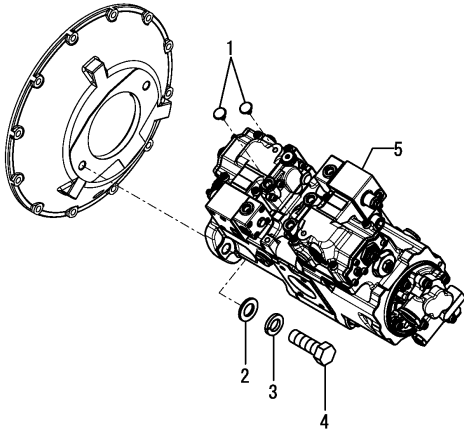
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-17250	SOCKET ASSY	1							
2	1	172A69-69910	BOX ASSY, CIGA	1							
3	1	172A69-69930	COVER, CIGA BOX	1							
4	1	26014-060122	BOLT, M6X 12	4							
5	1	26014-080162	BOLT, M8X 16	2							

Fig.89. HYDRAULIC PUMP MOUNT & JOINT



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B36-71100	MOUNT, PUMP	1	1						
2	1	26013-100302	BOLT, M10X 30	12	12						
3	1	172499-71200	COUPLING	1							
3-1	1	172499-71201 (A=M00532)	COUPLING	1	1						S
4	1	172187-71210	BOLT, 14X50	3							
4-1	1	26450-140452 (A=M00532)	BOLT, 14 X 45	3	3						S

Fig.90. HYDRAULIC PUMP



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

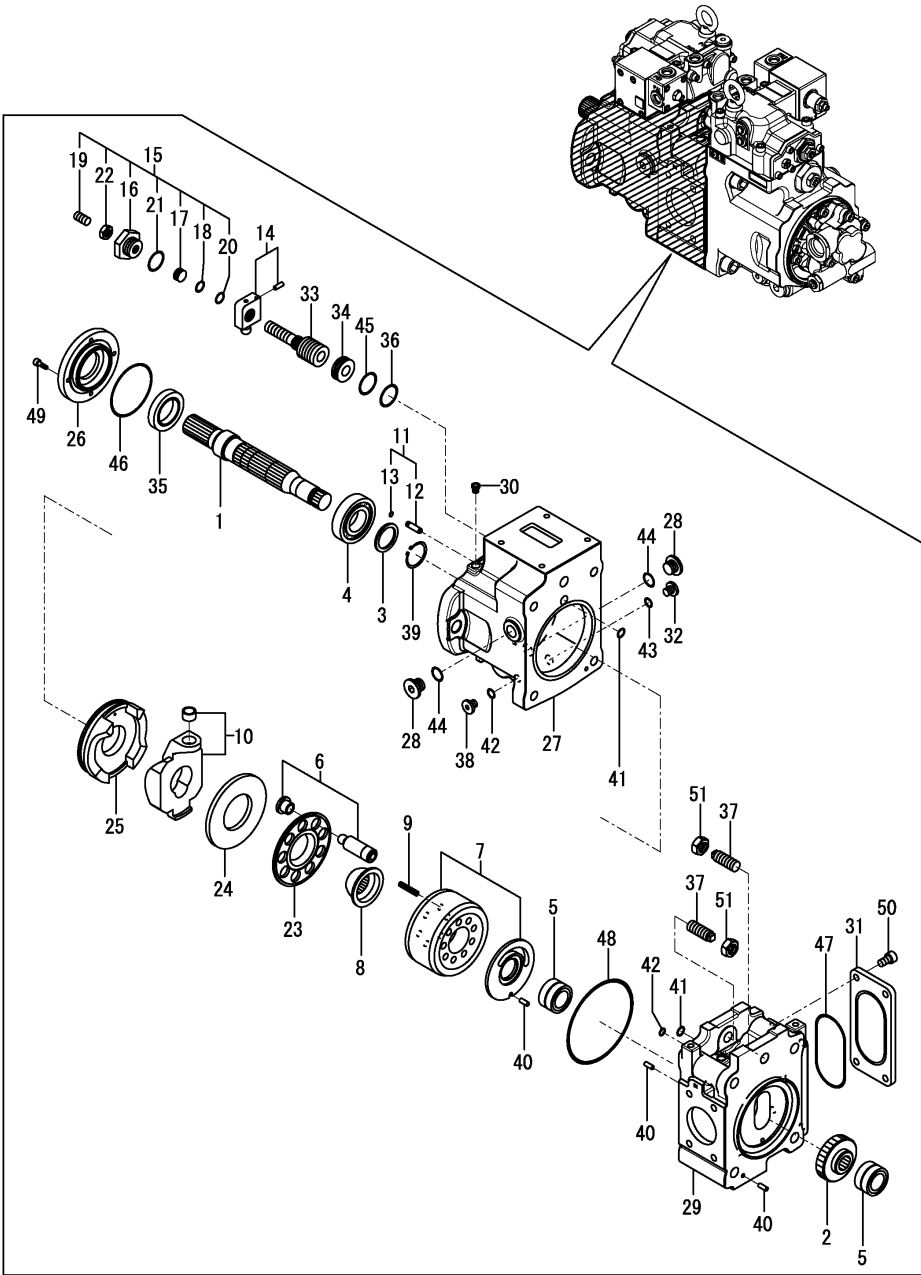
(D)=
(E)=
(F)=

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

Remarks

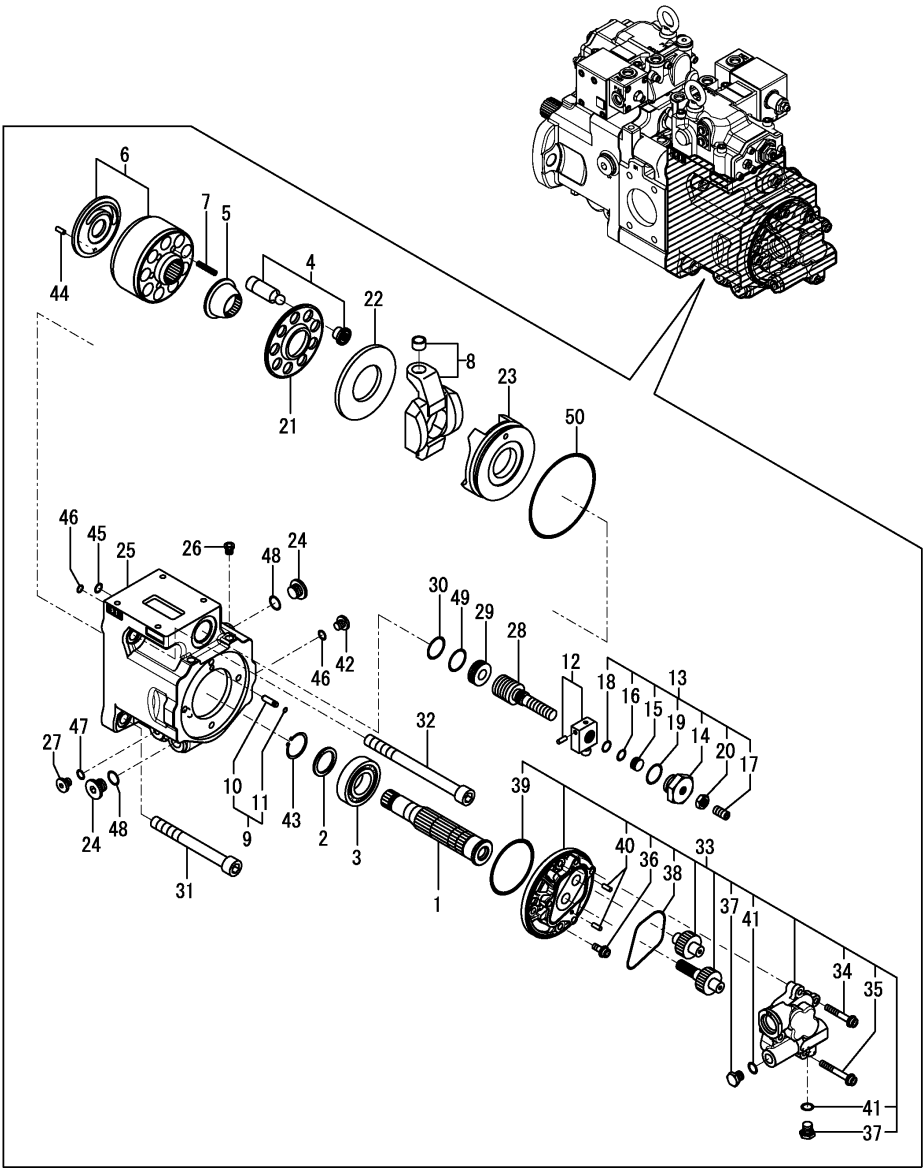
(1)Inner parts are shown in Fig.160(90C) from Fig.158(90A).

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



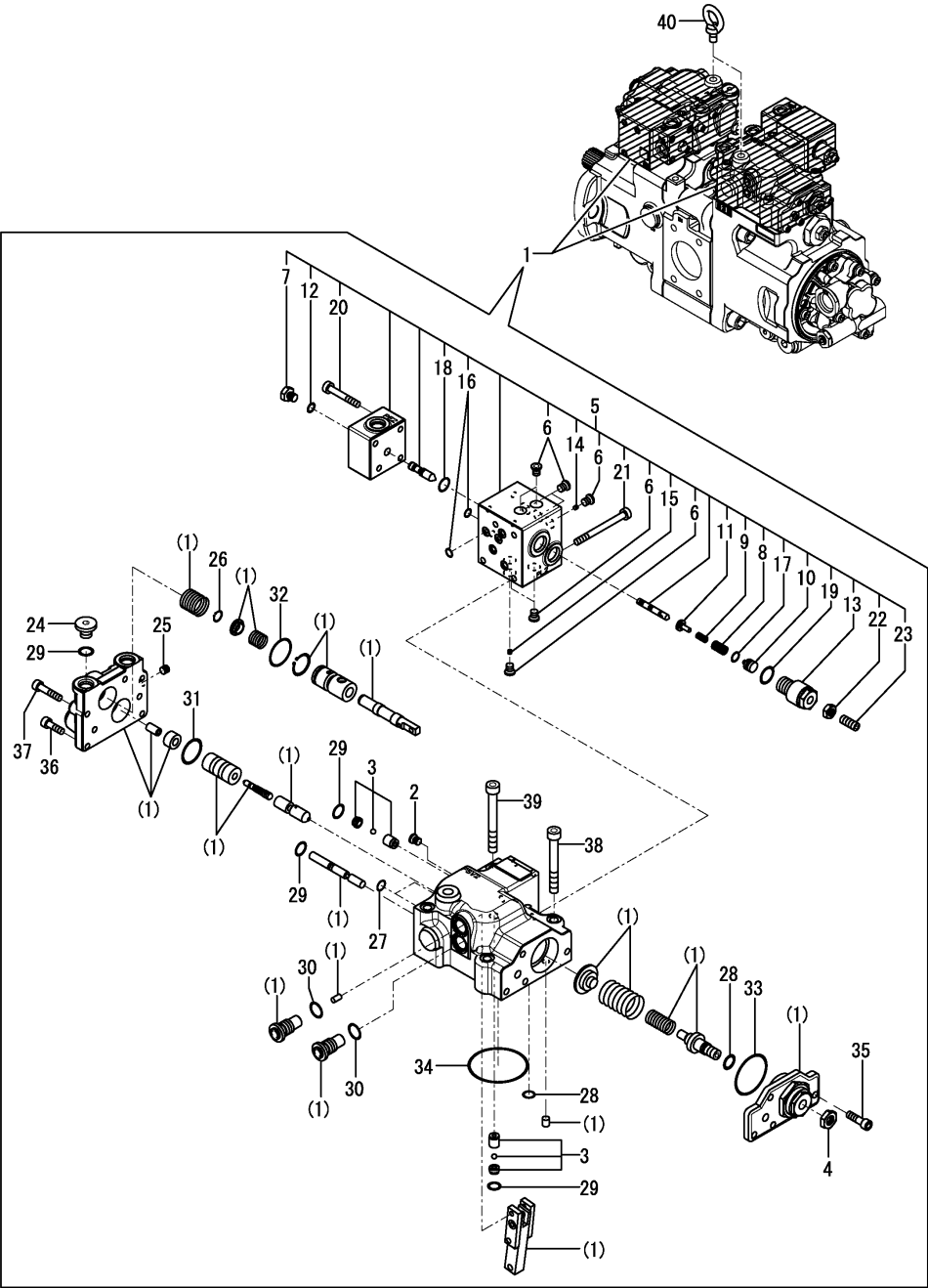
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-70010	SHAFT	1	1						
2	2	172B36-70030	GEAR, 1ST	1	1						
3	2	172B11-70040	SPACER	1	1						
4	2	172B36-70040	BEARING, BALL	1	1						
5	2	172B36-70050	BEARING, NEEDLE	2	2						
6	2	172B36-70060	PISTON ASSY	9	9					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

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



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

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

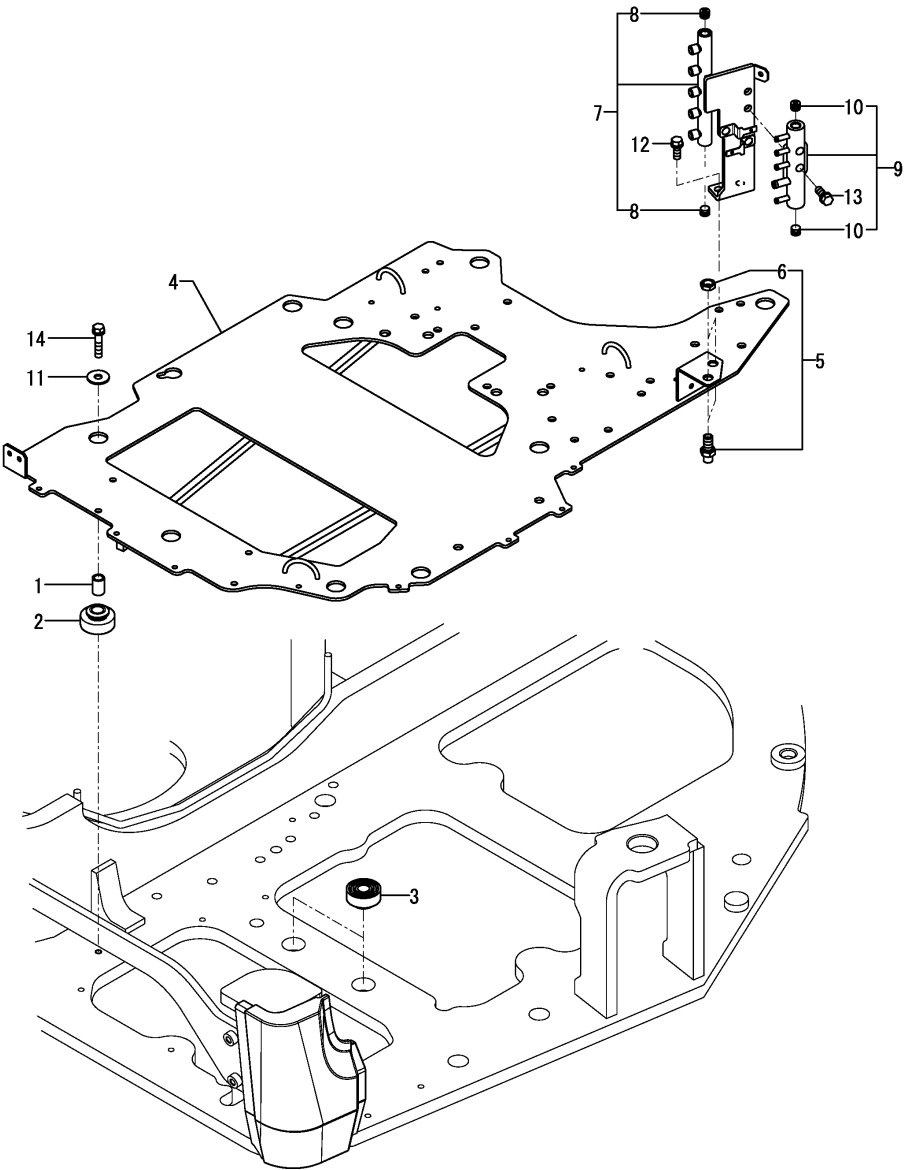


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-73250	REGULATOR ASSY	2	2						
2	3	172B11-70210	PLUG, M7X0.75	6	6						
3	3	172B11-70220	VALVE ASSY, CHECK	4	4						
4	3	172B11-70520	NUT	2	2						
5	3	172B36-73260	VALVE	2	2						
6	4	172B11-70210	PLUG, M7X0.75	16	16						
7	4	172B36-70370	PLUG	2	2						
8	4	172B36-70380	SPRING	2	2						
9	4	172B36-70390	SPRING	2	2						
10	4	172B36-70400	STOPPER	2	2						
11	4	172B36-70410	BASE, SPRING	2	2						
12	4	172B36-70420	O-RING, AS568 00RA00	2	2						
13	4	172B36-70430	PLUG	2	2						
14	4	172B36-70450	VALVE, PTRS13204	2	2						
15	4	172B36-70460	VALVE, PTRS13205	2	2						
16	4	24315-000060	O-RING, 1BP6.0	12	12						
17	4	24315-000080	O-RING, 1BP8.0	2	2						
18	4	24315-000110	O-RING, 1BP11.0	2	2						
19	4	24315-000140	O-RING, 1BP14.0	2	2						
20	4	26450-060352	BOLT, M6X 35	8	8						
21	4	26450-060602	BOLT, M6X 60	8	8						
22	4	26756-080002	NUT, LOCK M8	2	2						
23	4	26979-080202	SCREW, M8X20	2	2						
24	3	172455-77140	PLUG	2	2						
25	3	172455-77150	PLUG	6	6						
26	3	22242-000100	RING, 10	2	2						
27	3	24316-000080	O-RING, 4DP8.0	10	10						
28	3	24316-000090	O-RING, 4DP9.0	6	6						
29	3	24316-000110	PACKING, P 11.0	8	8						
30	3	24316-000120	O-RING, 4DP12.0	4	4						
31	3	24316-000220	O-RING, 4DP22.0	2	2						
32	3	24326-000250	O-RING, 4DG25.0	2	2						
33	3	24316-000380	O-RING, 4DP38.0	2	2						
34	3	24326-000550	O-RING, 4DG55.0	2	2						
35	3	26450-060162	BOLT, M6X 16	8	8						
36	3	26450-060202	BOLT, M6X 20	6	6						
37	3	26450-060302	BOLT, M6X 30	6	6						
38	3	26450-080502	BOLT, M8X 50	4	4						
39	3	26450-080702	BOLT, M8X 70	4	4						
40	2	26617-100002	BOLT, EYE M10	2	2						

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

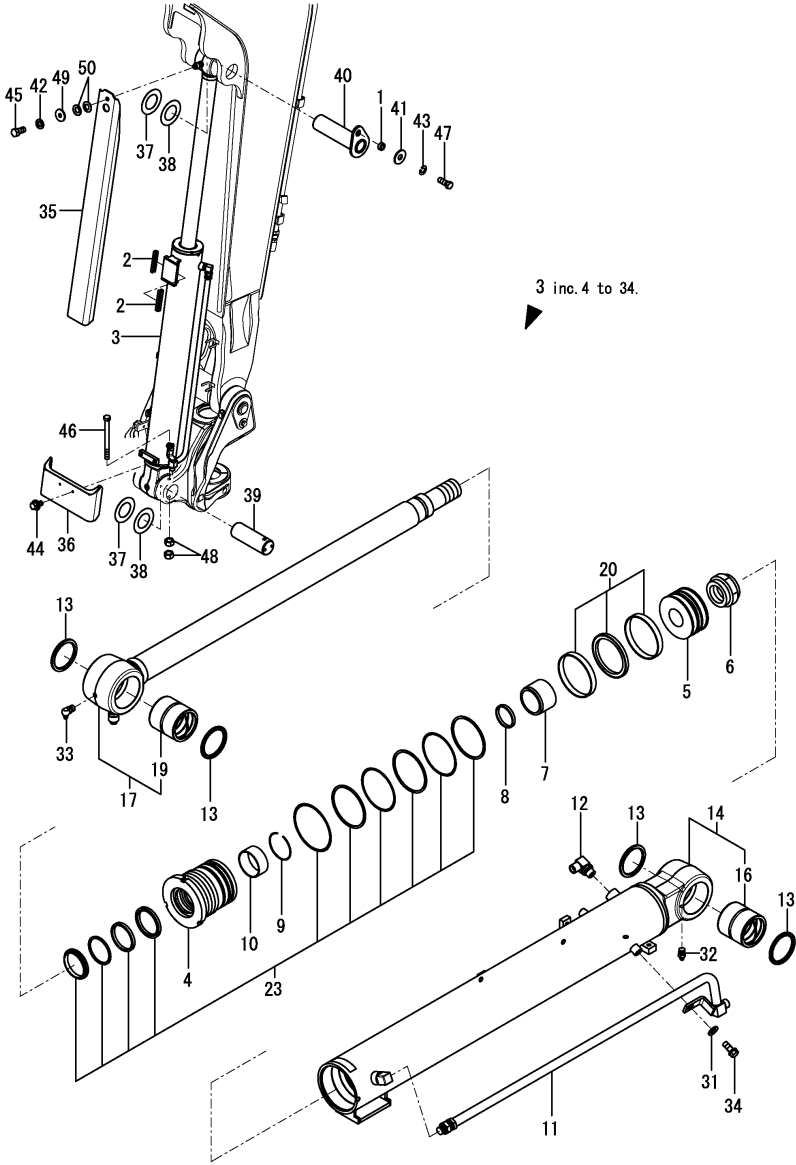
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-71550	COLLAR	9	9						
2	1	172A69-71560	GROMMET, 17X50	9	9						
3	1	172A69-71560	GROMMET, 17X50	2	2						
4	1	172B36-71600	BASE ASSY, VALVE	1	1						
4-1	1	172B62-71600	BASE ASSY, VALVE	1	1						R
		(A=M00709) (B=M00709)									
5	1	172A89-76150	JOINT	2	2						
6	2	172A89-76160	NUT, LOCK	2	2						
7	1	172B36-76680	MOUNT ASSY, BLOCK P	1	1						
8	2	23871-020000	PLUG, R02	1	1						
8-1	2	23871-020000	PLUG, R02	2	2						K
		(A=M00697) (B=M00697)									
9	1	172B36-76720	MOUNT ASSY, BLOCK DR	1	1						
10	2	23871-020000	PLUG, R02	1	1						
10-1	2	23871-020000	PLUG, R02	2	2						K
		(A=M00697) (B=M00697)									
11	1	22157-100000	WASHER, 10	9	9						
12	1	26013-100252	BOLT, M10X 25	2	2						
13	1	26013-100252	BOLT, M10X 25	2	2						
14	1	26013-100452	BOLT, M10X 45	9	9						



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

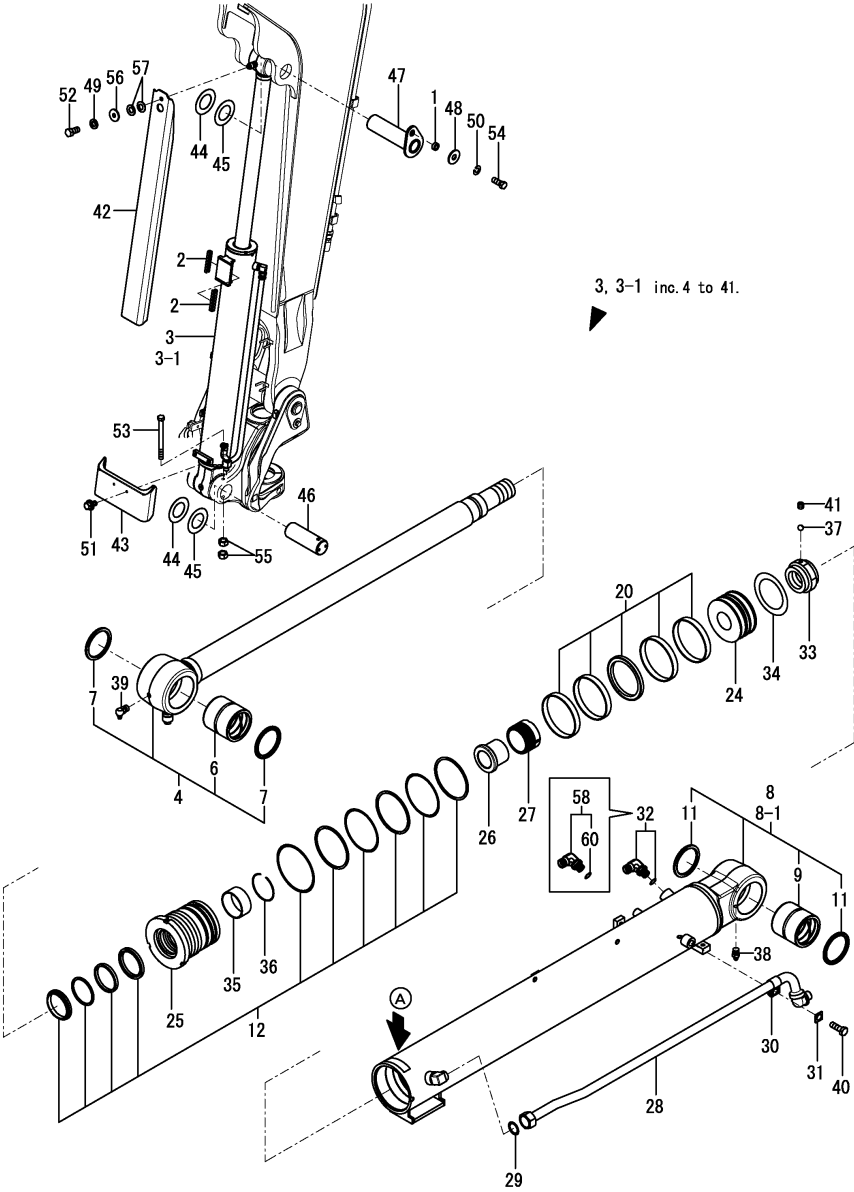
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1						
2	1	172162-61770	GUIDE, SLIDE	2	2						
3	1	172B11-72100	CYLINDER ASSY, BOOM	1	1					Z	1
(A=M00735) (B=M00735)											
4	2	172B11-72110	HEAD	1	1						
5	2	172B11-72120	PISTON	1	1						
6	2	172B11-72130	NUT, LOCK	1	1						
7	2	172B11-72141	PLUNGER, CUSHION	1	1						
8	2	172B11-72150	SEAL, CUSHION	1	1						
9	2	172B11-72160	RING, RETAINING	1	1						
10	2	172B11-72170	BEARING, SLEEVE	1	1						
11	2	172B11-72180	PIPE ASSY	1	1						
12	2	172B11-72190	ELBOW, G1/2	1	1						
13	2	172B11-72200	SEAL, DUST PIN 70	4	4						
14	2	172B11-72210	REPAIR KIT, TUBE AS	1	1						
16	3	172B11-71220	BUSH, PIN 70	1	1						
17	2	172B11-72220	REPAIR KIT, ROD AS	1	1						
19	3	172B11-71220	BUSH, PIN 70	1	1						
20	2	172B11-72230	SEAL KIT, PISTON	1	1						
23	2	172B11-72240	SEAL KIT, HEAD	1	1						
31	2	22137-100000	WASHER, 10	1	1						
32	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
33	2	24761-050000	NIPPLE, GREASE C	1	1						
34	2	26076-100162	BOLT, 10 X 16	1	1						
35	1	172187-72910-N	COVER, SLIDE	1	1						
36	1	172A89-72960-N	COVER, HOSE	1	1						
37	1	172176-81700	SHIM, 70X120X0.8	2	2						
38	1	172176-81710	SHIM, 70X120X0.5	2	2						
39	1	172187-81801	PIN, 70X200	1	1						
40	1	172A89-81810	PIN ASSY, 70X252	1	1						
41	1	22157-140000	WASHER, 14	1	1						
42	1	22217-100000	WASHER, SPRING 10	1	1						
43	1	22217-140000	WASHER, SPRING 14	1	1						
44	1	26014-100202	BOLT, M10X 20	2	2						
45	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
46	1	26116-121402	BOLT, M12X140 PLATED	1	1						
46-1	1	26116-121502	BOLT, M12X160 PLATED	1	1						R
(A=*2026.03.) (B=*2026.03.)											
47	1	26116-140352	BOLT, M14X 35 PLATED	1	1						
48	1	26716-120002	NUT, M12	2	2						
49	1	933147-03400	WASHER, BRAKE ARM	1	1						
50	1	933168-14170	SPRING, 16	2	2						

Remarks
(1)Interchangeable by Fig.186(92A) No.3.
The inner parts are not compatible.

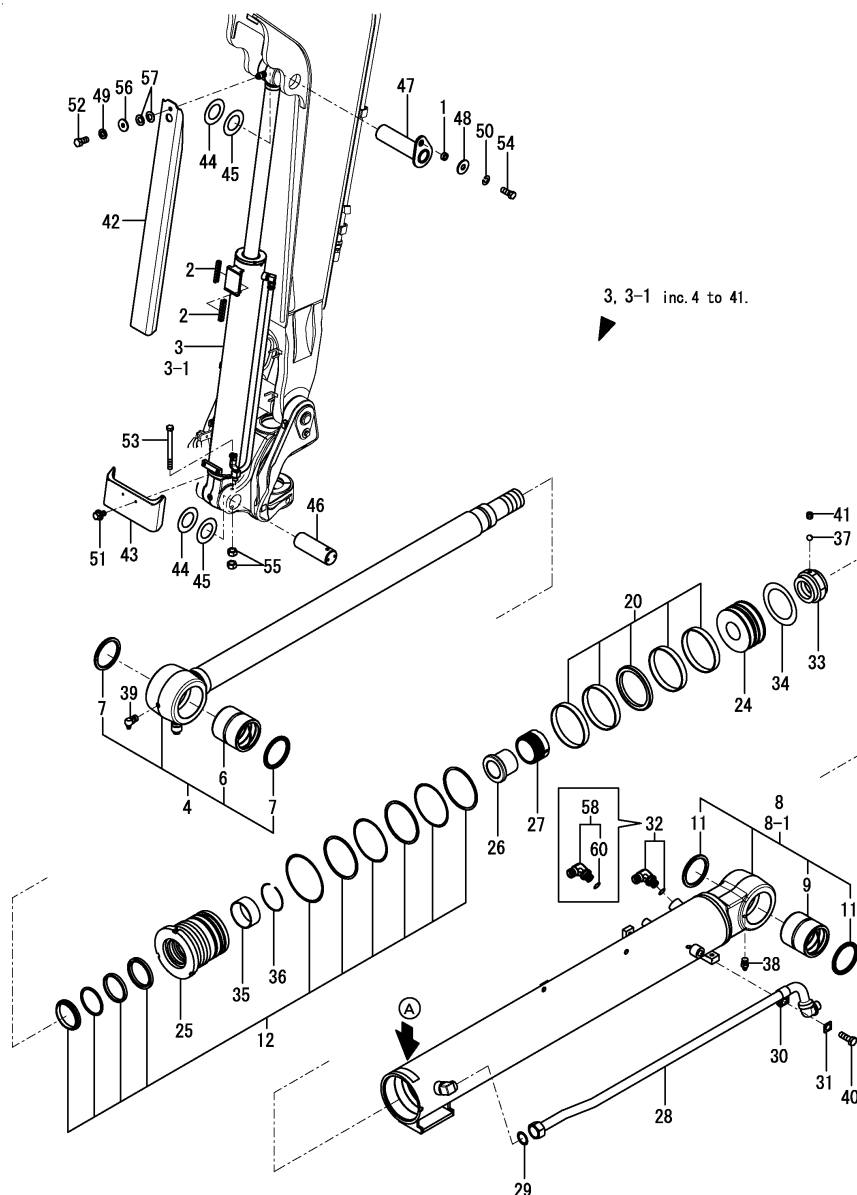
Fig.186. (92A)BOOM CYLINDER(J SPEC.)



Remarks
(1)There is parts No. & serial No. on A part=No.8 : (172B11-72101HXXXXX), No.8-1 : (172B11-72102HXXXXX)
Interchangeable by simultaneous replacement with No.58.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1						
2	1	172162-61770	GUIDE, SLIDE	2	2						
3	1	172B11-72101	CYLINDER ASSY, BOOM	1	1						W
(A=M00735) (B=M00735)											
3-1	1	172B11-72102	CYLINDER ASSY, BOOM	1	1						F 1
(A=*2021.02) (B=*2021.02)											
4	2	172B11-96100	REPAIR KIT, ROD	1	1						
6	3	172B11-96120	BUSH, PIN 70X85X83	1	1						
7	3	172B11-96150	SEAL, DUST ROD 70	2	2						
8	2	172B11-96130	REPAIR KIT, TUBE	1	1						
8-1	2	172B11-96131	REPAIR KIT, TUBE	1	1						S 1
(A=*2021.02) (B=*2021.02)											
9	3	172B11-96120	BUSH, PIN 70X85X83	1	1						
11	3	172B11-96150	SEAL, DUST ROD 70	2	2						
12	2	172B11-96160	SEAL KIT,HEAD 115 65	1	1						
20	2	172B11-96200	SEAL KIT, PISTON 115	1	1						
24	2	172B11-96240	PISTON, 115	1	1						
25	2	172B11-96250	HEAD,CYLINDER 115 65	1	1						
26	2	172B11-96260	BUSH, FLANGE 65	1	1						
27	2	172B11-96270	PLUNGER, CUSHION 78	1	1						
28	2	172B11-96280	PIPE ASSY	1	1						
29	2	172B11-97240	O-RING, 20X2	1	1						
30	2	172B11-97380	CLAMP, PIPE	1	1						
31	2	172B11-97390	WASHER	1	1						
32	2	172B11-97420	ELBOW, G1/2	1	1						Z
(A=*2021.02) (B=*2021.02)											
33	2	172B11-97710	NUT, M52	1	1						
34	2	172B11-97720	SHIM, 65X52.5X0.5	1	1						
35	2	172B11-97740	BUSH, 65X70X30	1	1						
36	2	172B11-97750	RING, RETAINING 65	1	1						
37	2	24190-080001	BALL, STEEL 1/4	1	1						
38	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
39	2	24761-050000	NIPPLE, GREASE C	1	1						
40	2	26076-080202	BOLT, 8 X 20	1	1						
41	2	26979-100122	SCREW, M10X12	1	1						
42	1	172187-72910-N	COVER, SLIDE	1	1						
43	1	172A89-72960-N	COVER, HOSE	1	1						
44	1	172176-81700	SHIM, 70X120X0.8	2	2						
45	1	172176-81710	SHIM, 70X120X0.5	2	2						
46	1	172187-81801	PIN, 70X200	1	1						
47	1	172A89-81810	PIN ASSY, 70X252	1	1						
48	1	22157-140000	WASHER, 14	1	1						
49	1	22217-100000	WASHER, SPRING 10	1	1						
50	1	22217-140000	WASHER, SPRING 14	1	1						
51	1	26014-100202	BOLT, M10X 20	2	2						
52	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
53	1	26116-121402	BOLT, M12X140 PLATED	1	1						
53-1	1	26116-121502	BOLT, M12X160 PLATED	1	1						R
(A=*2026.03.) (B=*2026.03.)											
54	1	26116-140352	BOLT, M14X 35 PLATED	1	1						
55	1	26716-120002	NUT, M12	2	2						

Fig.186. (92A)BOOM CYLINDER(J SPEC.)



(1) There is parts No. & serial No. on A part=No.8 : (172B11-72101HXXXXX), No.8-1 : (172B11-72102HXXXXX)
Interchangeable by simultaneous replacement with No.58.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	1	933147-03400	WASHER, BRAKE ARM	1	1						
57	1	933168-14170	SPRING, 16	2	2						
58	1	172141-76900	CONNECTOR ASSY, 1/2L	1	1						W
		(A="*2021.02)	(B="*2021.02)								
60	2	24315-000180	O-RING, 1BP18.0	1	1						

Fig.93. ARM CYLINDER

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-72300	CYLINDER ASSY, ARM	1	1						
2	2	172B36-72320	TUBE ASSY, CYLINDER	1	1						
3	3	172A69-72480	BUSH, PIN	1	1						
4	2	172B36-72340	ROD ASSY, PISTON	1	1						
5	3	172A69-72490	BUSH, PIN	1	1						
6	2	172B36-72350	HEAD ASSY, CYLINDER	1	1						
8	3	172A89-72360	BUSH	1	1						
9	3	172A89-72370	RING, SNAP	1	1						
10	2	172B36-72400	SEAL KIT	1	1						
11	3	172B05-72290	SEAL SET, PISTON 100	1	1						
12	3	172B36-72410	SEAL SET, HEAD	1	1						
13	2	172B36-72440	HOLDER ASSY	1	1						
14	3	172B05-72180	SEAL, CUSHION	2	2						
15	3	172A89-72440	HOLDER	1	1						
16	3	172A89-72460	COLLAR	1	1						
17	2	172B36-72460	SEAL, PIN	4	4						
18	2	172B36-72470	CUSHION, BEARING	1	1						
19	2	172B36-72480	PISTON ASSY	1	1						
20	3	172A89-72480	PISTON	1	1						
21	3	172B04-72870	SCREW	1	1						
22	3	24190-080002	BALL, STEEL 1/4	1	1						
23	2	172B36-72490	CUSHION ASSY	1	1						
24	3	172A69-72450	SEAL, CUSHION	1	1						
25	3	172A69-72460	RING, SNAP	1	1						
26	3	172A69-72470	STOPPER	2	2						
27	3	172A89-72490	BEARING, CUSHION	1	1						
28	2	24761-050000	NIPPLE, GREASE C	1	1						
29	1	172B36-76110	ELBOW, 90 G3/4-G3/4	1	1						
30	2	41851-000240	O-RING, P 24.0 HNBR	1	1						
31	1	172112-77361	CONNECTOR, PF 1/2-1/2	1	1						
32	1	41851-000180	O-RING, P 18.0 HNBR	1	1						

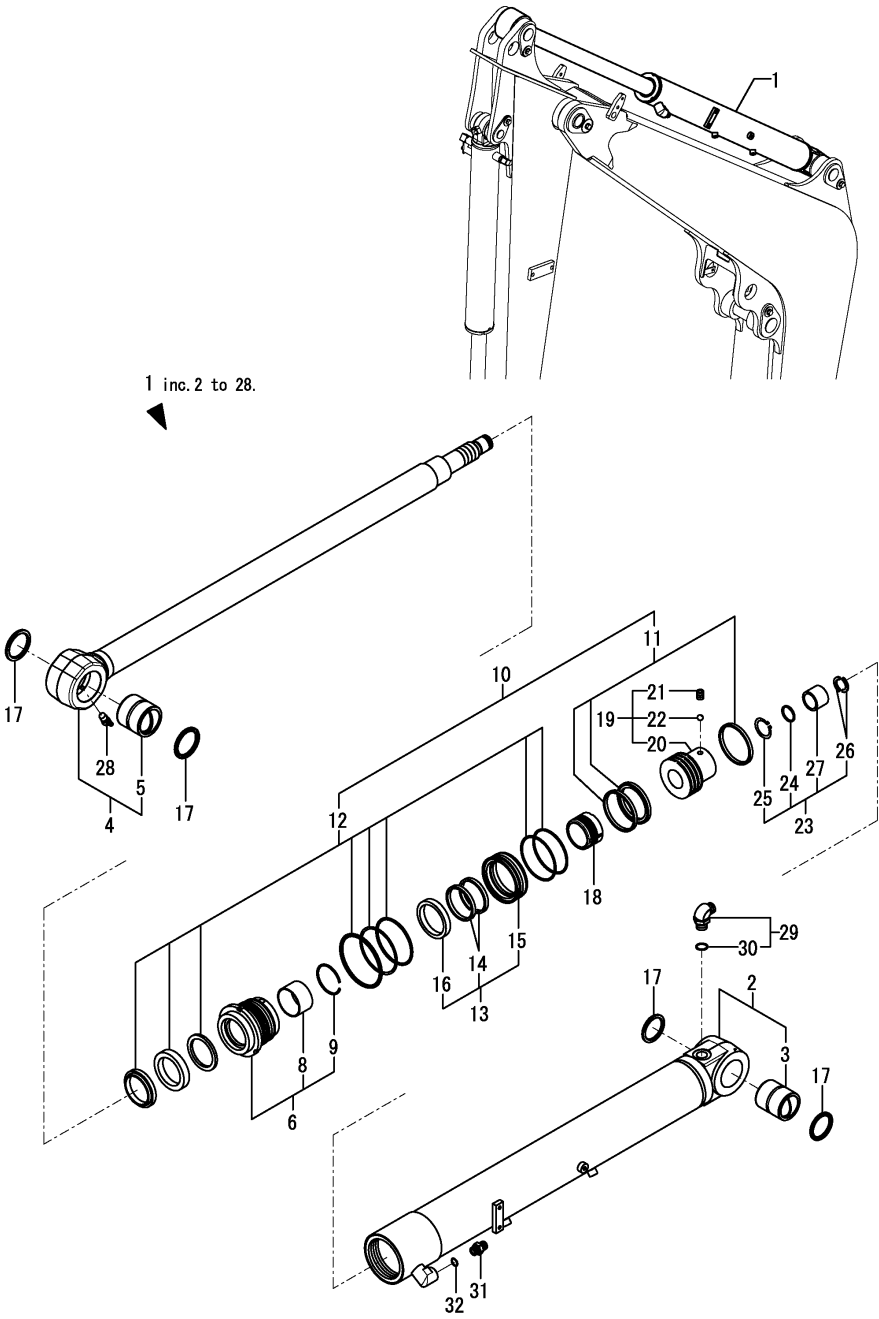
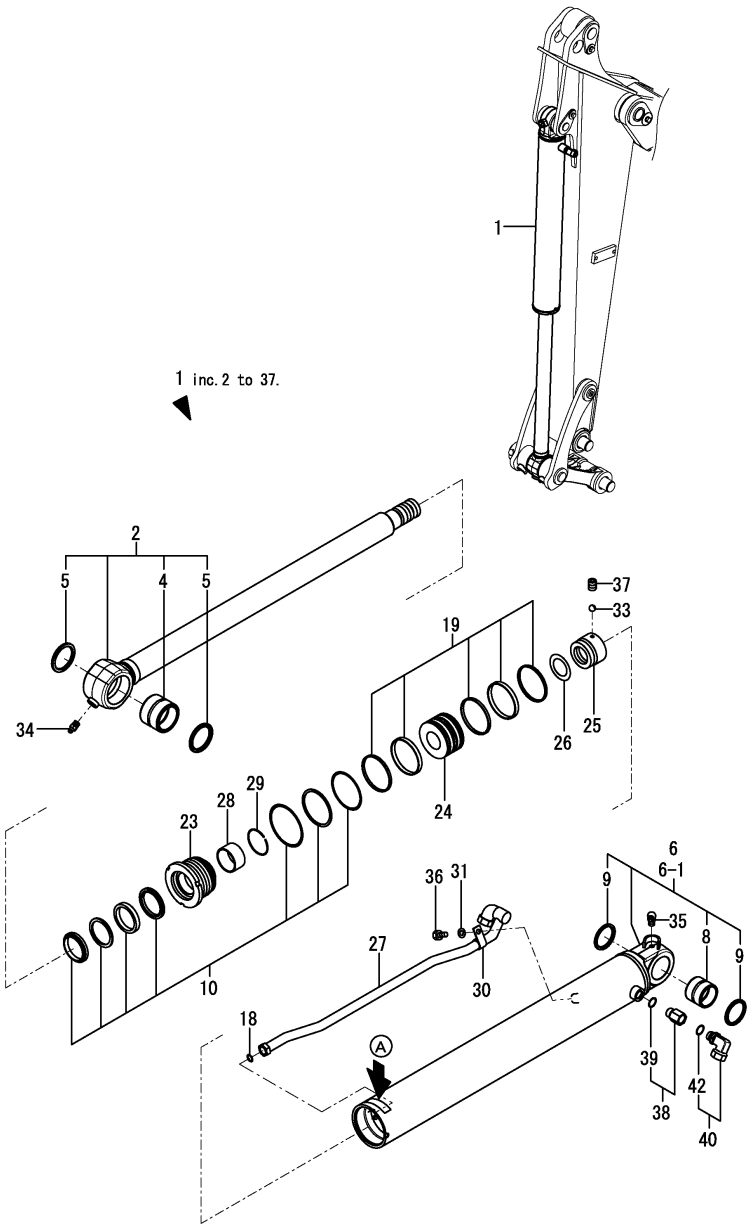


Fig.94. BUCKET CYLINDER

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

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

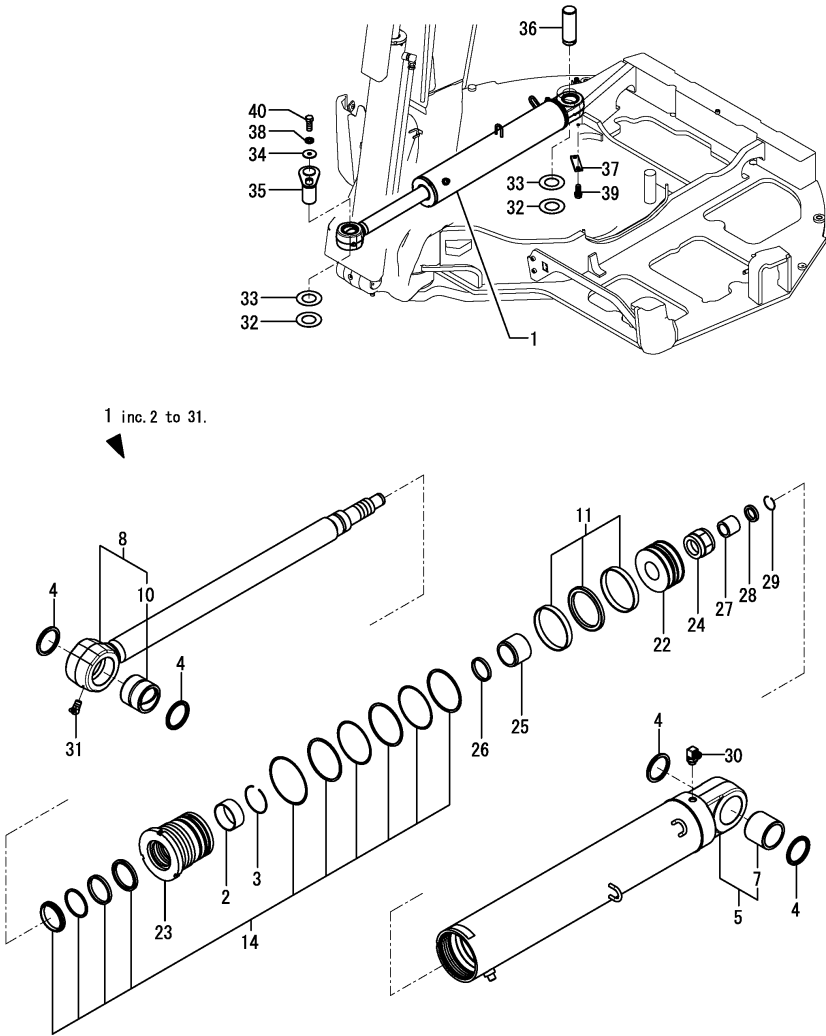


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72501	CYLINDER ASSY,BUCKET	1	1						
1-1	1	172B11-72502	CYLINDER ASSY,BUCKET	1	1					N	
(A=*2021.02) (B=*2021.02)											
2	2	172B11-97100	REPAIR KIT, ROD	1	1						
4	3	172B11-97120	BUSH, PIN 60X75X58	1	1						
5	3	172B11-97400	SEAL, DUST PIN 60X75	2	2						
6	2	172B11-97130	REPAIR KIT, TUBE	1	1						
6-1	2	172B11-97131	REPAIR KIT, TUBE	1	1					S	1
(A=*2021.02) (B=*2021.02)											
8	3	172B11-97150	BUSH, PIN 50X60X48	1	1						
9	3	172B11-97410	SEAL, DUST PIN 50X60	2	2						
10	2	172B11-97160	SEAL KIT, HEAD 95 60	1	1						
18	2	172B11-97240	O-RING, 20X2	1	1						
19	2	172B11-97250	SEAL KIT, PISTON 95	1	1						
23	2	172B11-97290	HEAD, CYLINDER 95 60	1	1						
24	2	172B11-97300	PISTON, 95	1	1						
25	2	172B11-97310	NUT, M45	1	1						
26	2	172B11-97320	SHIM, 65X45X0.5	1	1						
27	2	172B11-97330	PIPE ASSY	1	1						
28	2	172B11-97340	BUSH, 60X65X30	1	1						
29	2	172B11-97350	RING, RETAINING 60	1	1						
30	2	172B11-97380	CLAMP, PIPE	1	1						
31	2	172B11-97390	WASHER	1	1						
33	2	24190-080001	BALL, STEEL 1/4	1	1						
34	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
35	2	24761-050000	NIPPLE, GREASE C	1	1						
36	2	26076-080202	BOLT, 8 X 20	1	1						
37	2	26979-100122	SCREW, M10X12	1	1						
38	1	172531-76150	ADAPTER, G1/2-1/2	1	1						
39	2	24315-000180	O-RING, 1BP18.0	1	1						
40	1	172151-76161	ELBOW, PF1/2-3/4	1	1						
42	2	24315-000180	O-RING, 1BP18.0	1	1						

Remarks
* There is parts No. & serial No. on A part=No.6 : (172B11-72501HXXXXX), No.6-1 : (172B11-72502HXXXXX)

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

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



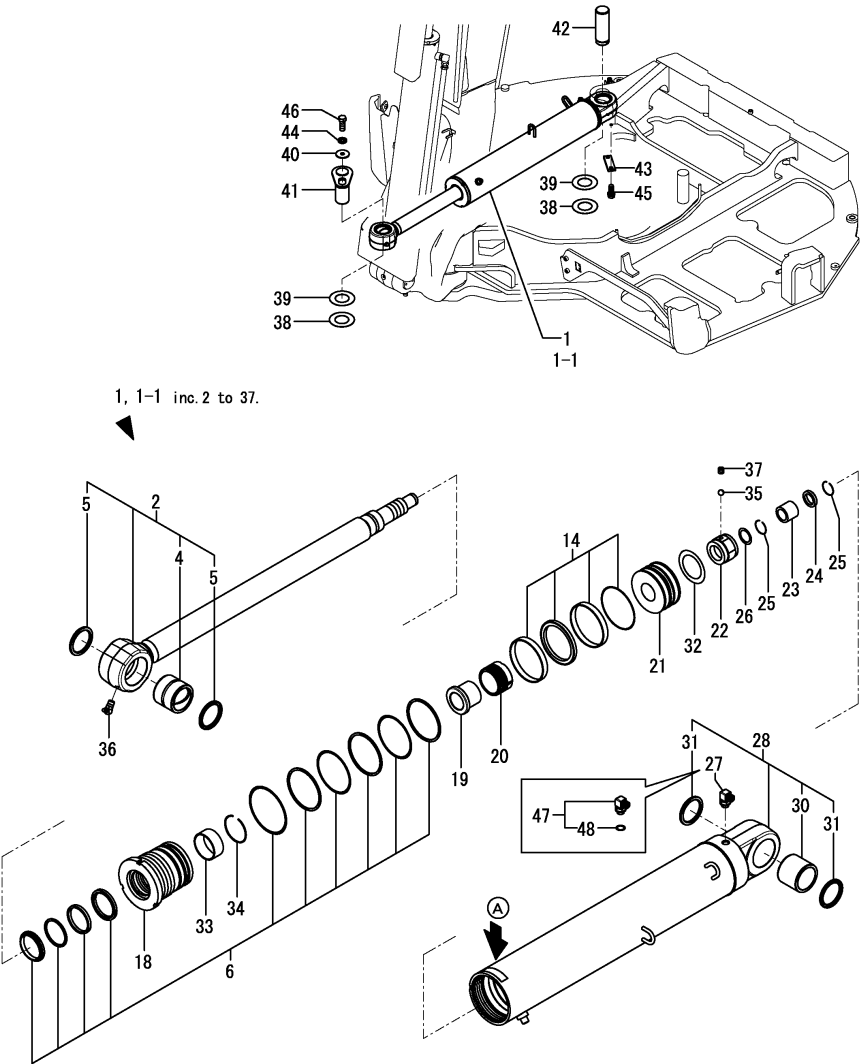
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72700 (A=M00735) (B=M00735)	CYLINDER ASSY, SWING	1	1					Z	1
2	2	172B11-72530	BEARING, SLEEVE	1	1						
3	2	172B11-72540	RING, RETAINING	1	1						
4	2	172B11-72550	SEAL, DUST PIN 60	4	4						
5	2	172B11-72620	REPAIR KIT, TUBE AS	1	1						
7	3	172B11-71520	BUSH, PIN 60	1	1						
8	2	172B11-72630	REPAIR KIT, ROD AS	1	1						
10	3	172B11-71530	BUSH, PIN 60	1	1						
11	2	172B11-72640	SEAL KIT, PISTON	1	1						
14	2	172B11-72650	SEAL KIT, HEAD	1	1						
22	2	172B11-72710	PISTON	1	1						
23	2	172B11-72720	HEAD	1	1						
24	2	172B11-72730	NUT, LOCK	1	1						
25	2	172B11-72740	PLUNGER, CUSHION	1	1						
26	2	172B11-72750	SEAL, CUSHION	1	1						
27	2	172B11-72760	PLUNGER, CUSHION	1	1						
28	2	172B11-72770	RING, PLATE	1	1						
29	2	172B11-72780	RING, RETAINING	1	1						
30	2	172B11-72790	ELBOW, G3/8	1	1						
31	2	24761-050000	NIPPLE, GREASE C	1	1						
32	1	172175-81700	SHIM, 60X110X0.8	4	4						
33	1	172175-81710	SHIM, 60X110X0.5	4	4						
34	1	172187-81970	WASHER, 15X58X3.2	1	1						
35	1	172187-82370	PIN ASSY, 60X144	1	1						
36	1	172A69-82370	PIN, 60X155	1	1						
37	1	172162-94280-3	PLATE, LOCK	1	1						
38	1	22217-140000	WASHER, SPRING 14	1	1						
39	1	26013-120302	BOLT, M12X 30	2	2						
40	1	26116-140352	BOLT, M14X 35 PLATED	1	1						

Remarks
(1)Interchangeable by Fig.187(95A) No.1.
The inner parts are not compatible.

Fig.187. (95A)SWING CYLINDER(J SPEC.)

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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-72701 (A=M00735) (B=M00735)	CYLINDER ASSY, SWING	1	1						W
1-1	1	172B11-72702	CYLINDER ASSY, SWING	1	1					F	1
2	2	172B11-96400	REPAIR KIT, ROD	1	1						
4	3	172B11-96420	BUSH, PIN 60X75X63	1	1						
5	3	172B11-97400	SEAL, DUST PIN 60X75	2	2						
6	2	172B11-96460	SEAL KIT,HEAD 120 60	1	1						
14	2	172B11-96500	SEAL KIT, PISTON 120	1	1						
18	2	172B11-96550	HEAD,CYLINDER 120 60	1	1						
19	2	172B11-96560	BUSH, FLANGE 60	1	1						
20	2	172B11-96570	PLUNGER, CUSHION 78	1	1						
21	2	172B11-96580	PISTON, 120	1	1						
22	2	172B11-96590	NUT, M45	1	1						
23	2	172B11-96600	PLUNGER, CUSHION 32	1	1						
24	2	172B11-96610	CLAMP, 40X2.8	1	1						
25	2	172B11-96620	RETAINER, LING26X2.7	2	2						
26	2	172B11-96630	SEAL, BUFFER 23.5	1	1						
27	2	172B11-96640	ELBOW, G3/8	1	1						Z
28	2	172B11-96700	REPAIR KIT, TUBE	1	1						
30	3	172B11-96730	BUSH, PIN 60X75X63	1	1						
31	3	172B11-97400	SEAL, DUST PIN 60X75	2	2						
32	2	172B11-97320	SHIM, 65X45X0.5	1	1						
33	2	172B11-97340	BUSH, 60X65X30	1	1						
34	2	172B11-97350	RING, RETAINING 60	1	1						
35	2	24190-080001	BALL, STEEL 1/4	1	1						
36	2	24761-050000	NIPPLE, GREASE C	1	1						
37	2	26979-100122	SCREW, M10X12	1	1						
38	1	172175-81700	SHIM, 60X110X0.8	4	4						
39	1	172175-81710	SHIM, 60X110X0.5	4	4						
40	1	172187-81970	WASHER, 15X58X3.2	1	1						
41	1	172187-82370	PIN ASSY, 60X144	1	1						
42	1	172A69-82371	PIN, 60X155	1	1						
43	1	172162-94280-3	PLATE, LOCK	1	1						
44	1	22217-140000	WASHER, SPRING 14	1	1						
45	1	26013-120302	BOLT, M12X 30	2	2						
46	1	26116-140352	BOLT, M14X 35 PLATED	1	1						
47	1	172142-76181	JOINT, 90-3/8	1	1						W
48	2	24315-000140	O-RING, 1BP14.0	1	1						

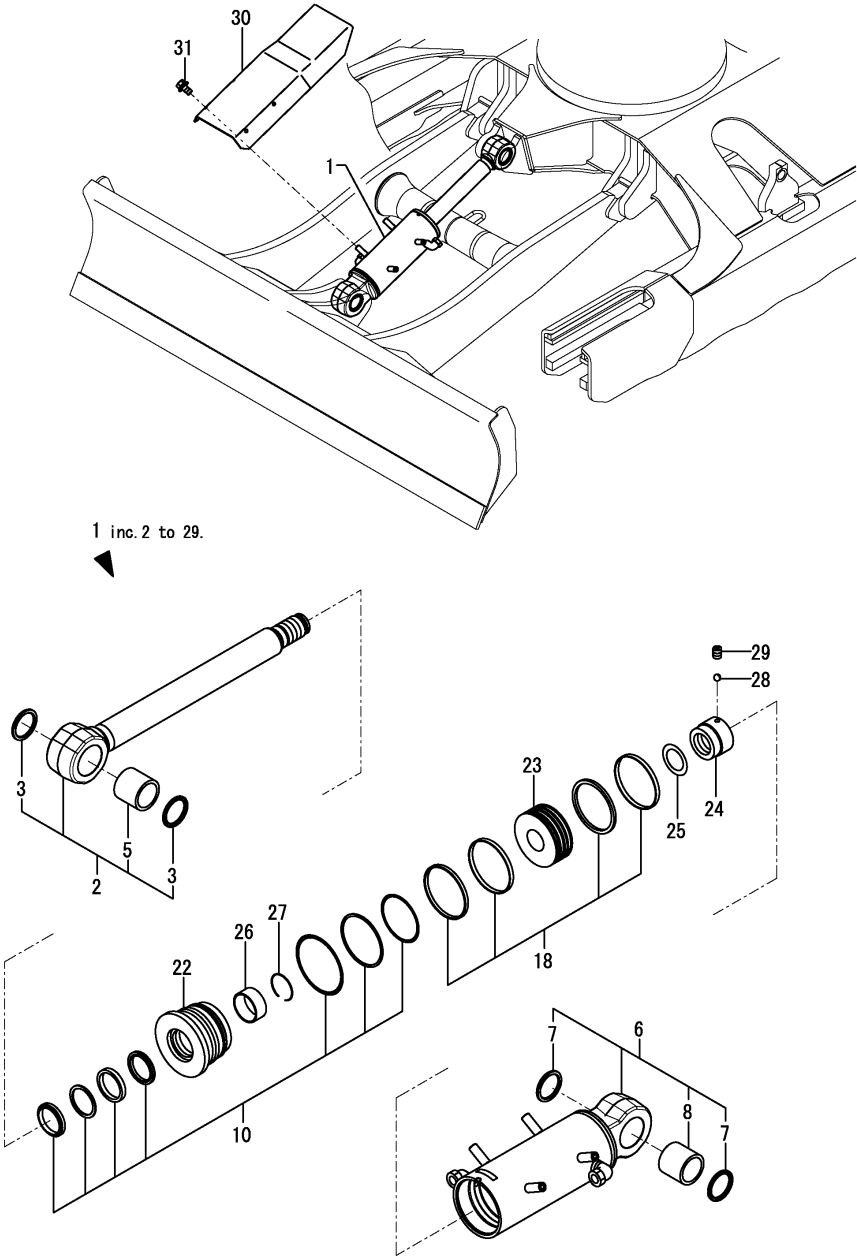
Remarks

(1)There is parts No. & serial No. on A part=No.1 : (172B11-72701HXXXXX), No.1-1 : (172B11-72702HXXXXX)
Interchangeable by simultaneous replacement with No.47.

Fig.96. BLADE CYLINDER

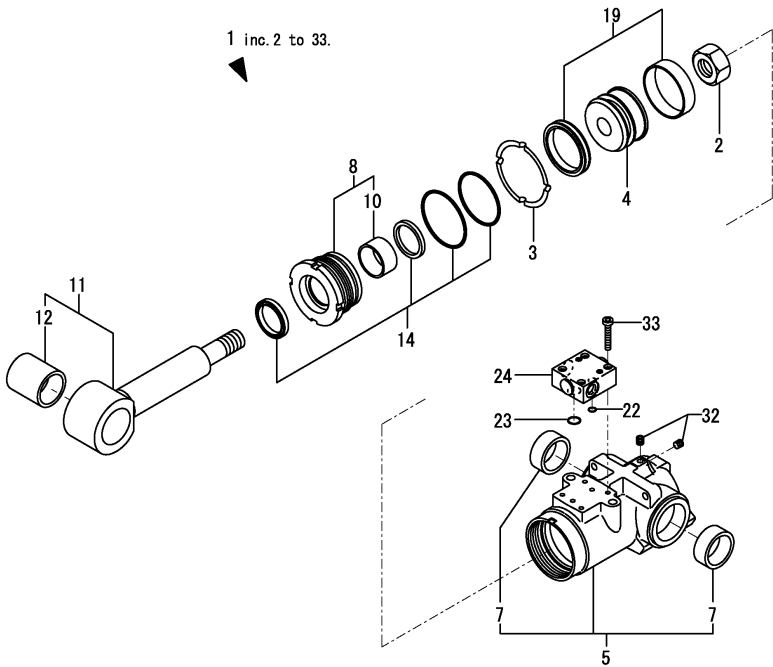
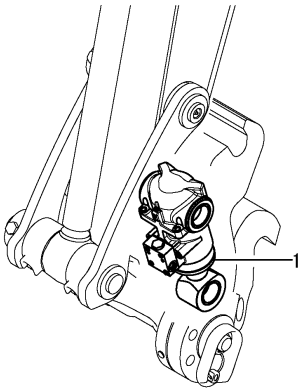
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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



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

Fig.97. HITCH CYLINDER



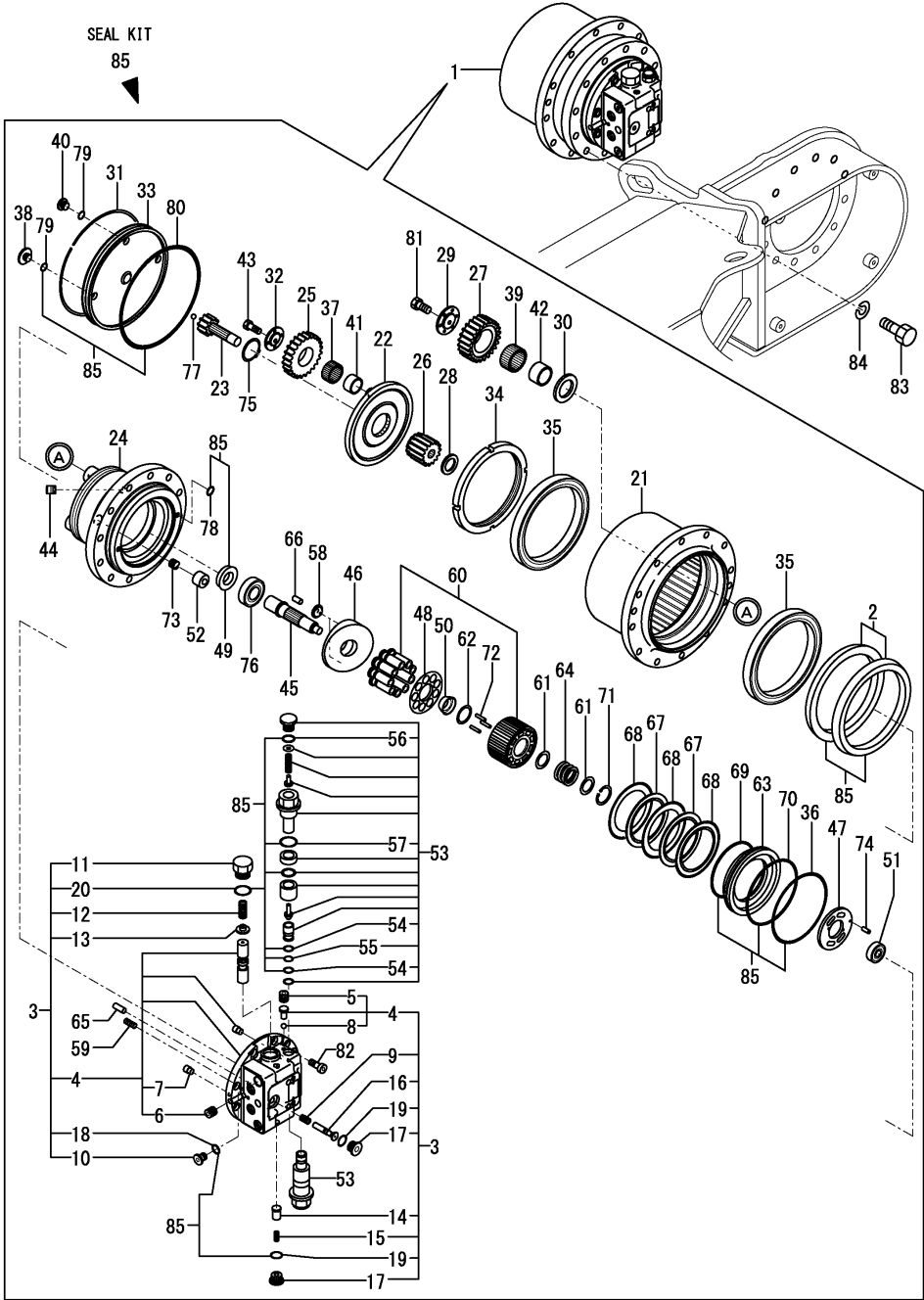
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

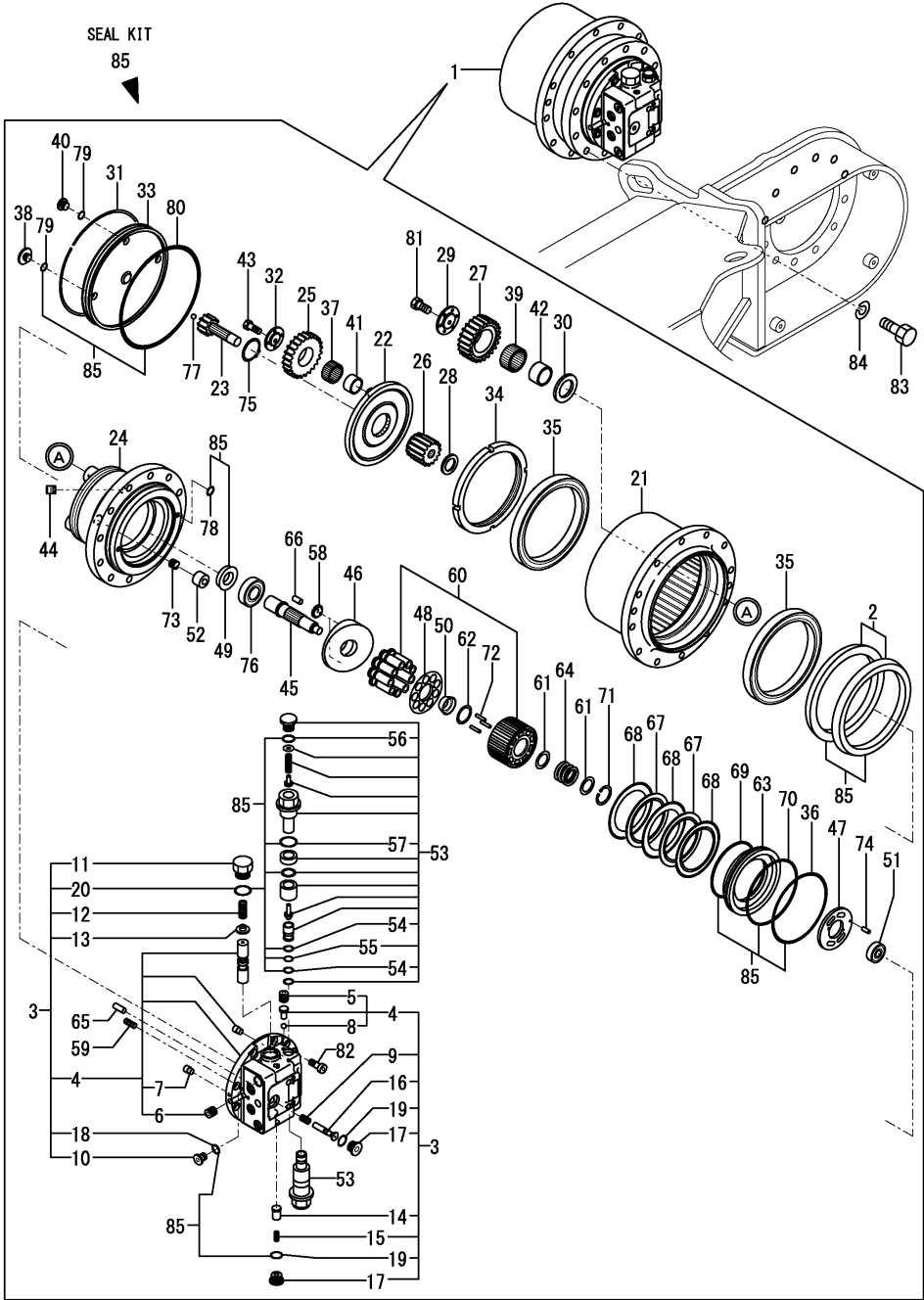
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-72800-N	CYLINDER, HITCH	1	1						
2	2	172141-72250	U-NUT, M27	1	1						
3	2	172142-72260	WASHER, LOCK 80 B	1	1						
4	2	172175-72480	PISTON, 80	1	1						
5	2	172978-72810-N	TUBE, HITCH	1	1						
7	3	172978-72890	BUSH, 45-55-22	2	2						
8	2	172978-72860	HEAD ASSY, 80 45	1	1						
10	3	24550-045250	BUSH, 45X25	1	1						
11	2	172978-72880	ROD ASSY, HITCH	1	1						
12	3	172151-71630	BUSH, 45-60	1	1						
14	2	172978-72920	SEAL SET, HEAD 80X45	1	1						
19	2	172142-72951	SEAL SET, PISTON	1	1						
22	2	172958-72950	O-RING, P8	1	1						
23	2	172958-72960	O-RING, P14	1	1						
24	2	172958-72983-N	VALVE ASSY, OPERATE	1	1						
32	2	23871-005000	PLUG, R005	2	2						
33	2	26450-060302	BOLT, M6X 30	4	4						

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

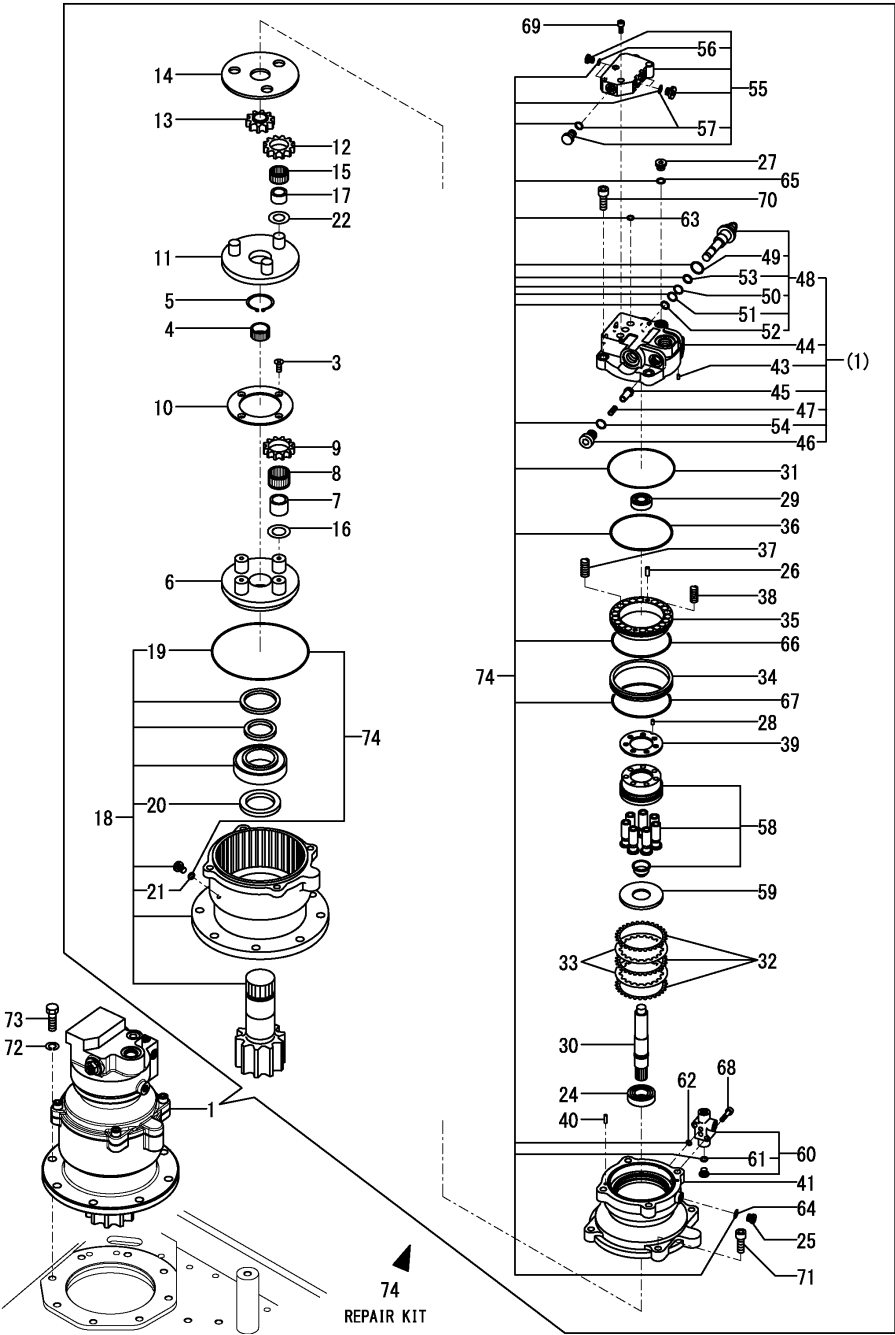
Fig.98. TRAVEL MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-73301	MOTOR ASSY, TRAVEL	2	2						
2	2	172A65-73310	SEAL SET, FLOATING	2	2						
3	2	172A89-73310	FLANGE ASSY, REAR	2	2						
4	3	172A89-73320	FLANGE KIT, REAR	2	2						
5	4	172479-73750	PLUG	6	6						
6	4	172479-73760	PLUG	8	8						
7	4	172A69-73850	ORIFICE	2	2						
8	4	24190-060001	BALL, STEEL 3/16	2	2						
9	3	172A89-73340	SPRING	2	2						
10	3	172479-73480	PLUG	2	2						
11	3	172A65-73620	PLUG	4	4						
12	3	172A65-73630	SPRING	4	4						
13	3	172479-73800	RETAINER, SPRING	4	4						
14	3	172479-73810	VALVE	4	4						
15	3	172479-73830	SPRING	4	4						
16	3	172A69-73830	SPOOL	2	2						
17	3	172479-73850	PLUG	6	6						
18	3	24315-000140	O-RING, 1BP14.0	2	2						
19	3	24315-000180	O-RING, 1BP18.0	6	6						
20	3	24315-000260	O-RING, 1BP26.0	4	4						
21	2	172A65-73320	HUB	2	2						
22	2	172A65-73340	CARRIER	2	2						
23	2	172A65-73350	GEAR, SUN 2	2	2						
24	2	172A89-73350	SPINDLE	2	2						
25	2	172A65-73360	GEAR, PLANETARY 1	6	6						
26	2	172A65-73370	GEAR, SUN 1	2	2						
27	2	172A65-73380	GEAR, PLANETARY 2	8	8						
28	2	172A65-73390	COLLAR, THRUST	2	2						
29	2	172A65-73400	WASHER, THRUST 1	8	8						
30	2	172A65-73410	WASHER, THRUST 2	8	8						
31	2	172479-73420	RING	2	2						
32	2	172A65-73420	WASHER, THRUST 3	6	6						
33	2	172A89-73430	COVER	2	2						
34	2	172A65-73440	NUT, RING	2	2						
35	2	172A65-73450	BEARING, ANGULAR	4	4						
36	2	172499-73460	O-RING	2	2						
37	2	172A65-73460	BEARING, ROLLER	6	6						
38	2	172479-73470	PLUG	2	2						
39	2	172A65-73470	BEARING, ROLLER	8	8						
40	2	172479-73480	PLUG	4	4						
41	2	172A65-73480	INNER RACE	6	6						
42	2	172A65-73490	INNER RACE	8	8						
43	2	172A65-73500	BOLT, M8X20 10.9T	6	6						
44	2	172A65-73510	SCREW, M8X12	4	4						
45	2	172A65-73520	SHAFT	2	2						
46	2	172A89-73530	PLATE, SWASH	2	2						
47	2	172A65-73540	PLATE, TIMING	2	2						
48	2	172A89-73540	PLATE, RETAINER	2	2						
49	2	172A65-73550	SEAL, OIL	2	2						
50	2	172A89-73550	BALL, THRUST	2	2						
51	2	172A65-73560	BEARING	2	2						

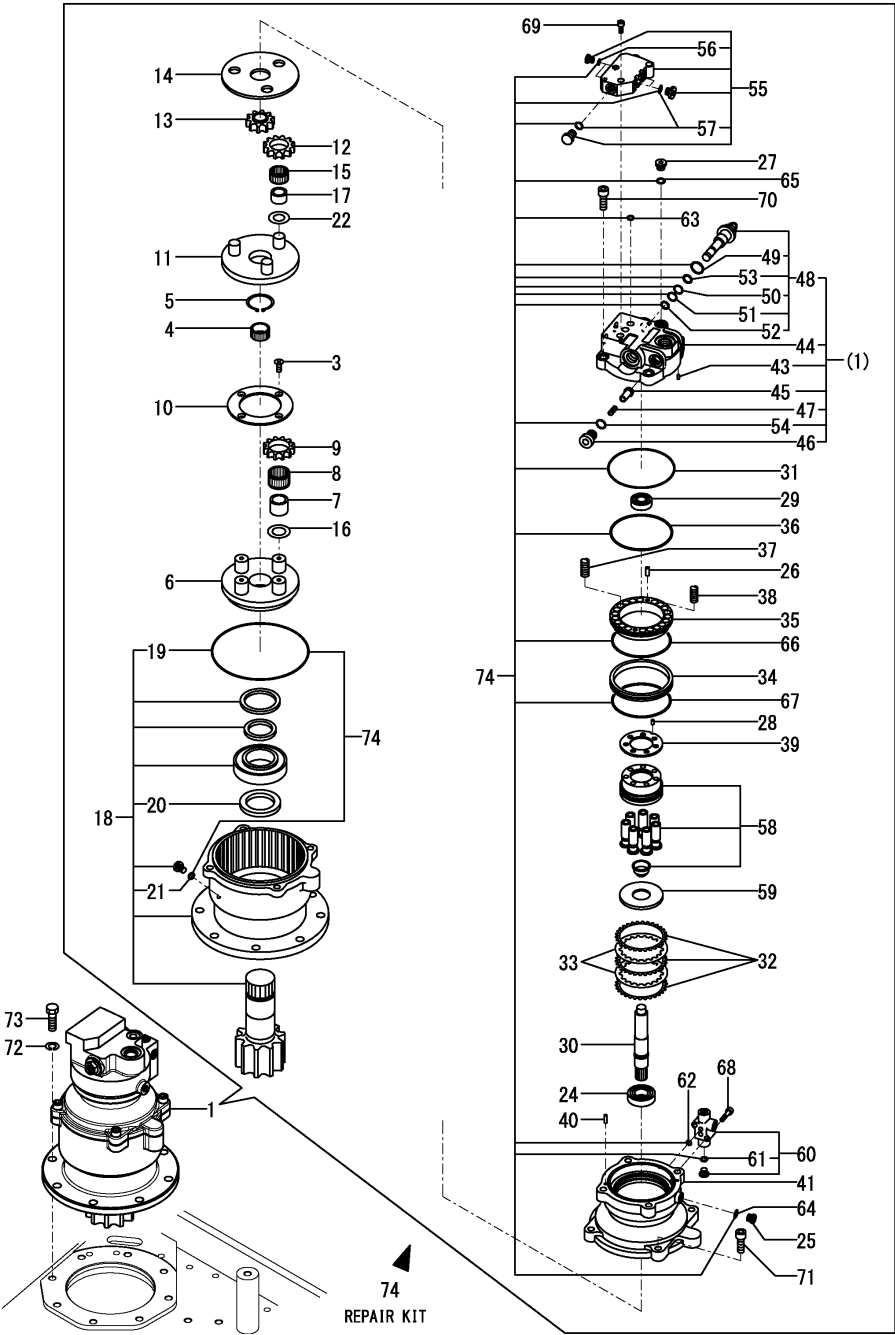


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
52	2	172A89-73560	PISTON	2	2						
53	2	172A65-73570	VALVE ASSY, RELIEF	4	4						
54	3	172A65-73580	RING, BACK UP	8	8						
55	3	24315-000100	O-RING, 1BP10.0	4	4						
56	3	24315-000110	O-RING, 1BP11.0	4	4						
57	3	24315-000200	O-RING, 1BP20.0	4	4						
58	2	172A89-73570	PIVOT	2	2						
59	2	172479-73590	SPRING	20	20						
60	2	172499-73620	PISTON ASSY	2	2						
61	2	172499-73660	WASHER	4	4						
62	2	172499-73670	WASHER	2	2						
63	2	172499-73680	PISTON, HYDRAULIC	2	2						
64	2	172499-73700	SPRING	2	2						
65	2	172479-73710	PIN, PARALLEL 8X54	4	4						
66	2	172479-73710	PIN, PARALLEL 8X54	4	4						
67	2	172499-73710	PLATE, FRICTION	4	4						
68	2	172499-73720	PLATE	6	6						
69	2	172499-73760	O-RING	2	2						
70	2	172499-73770	O-RING	2	2						
71	2	172499-73780	RING, SNAP	2	2						
72	2	172499-73810	BEARING, ROLLER	6	6						
73	2	172499-73870	SPRING	2	2						
74	2	172479-73950	PIN, PARALLEL 8X54	2	2						
75	2	22242-000450	RING, 45	2	2						
76	2	24101-062064	BEARING, BALL 6206	2	2						
77	2	24190-120001	BALL, STEEL 3/8	2	2						
78	2	24315-000070	O-RING, 1BP7.0	4	4						
79	2	24315-000140	O-RING, 1BP14.0	6	6						
80	2	24321-002300	O-RING, 1AG230.0	2	2						
81	2	26076-100202	BOLT, 10.910X 20	8	8						
82	2	26450-120302	BOLT, M12X 30	16	16						
83	1	172460-73320	BOLT, 16X45	24	24						
84	1	22217-160000	WASHER, SPRING 16	24	24						
85	1	172A65-73700	SEAL SET	2	2						

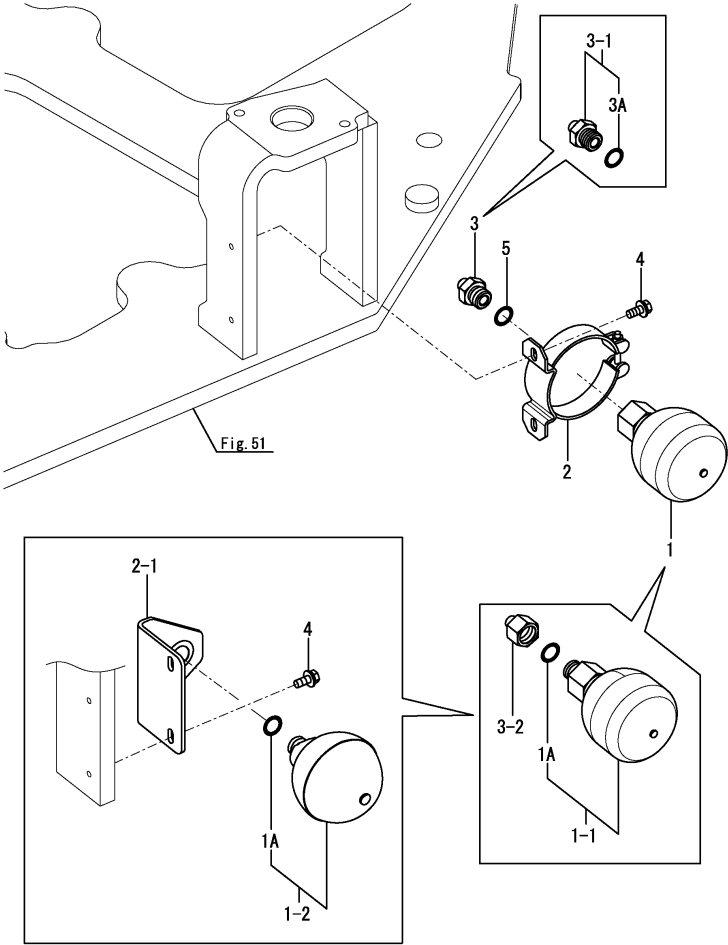


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-73310	MOTOR ASSY, SWING	1	1						
3	3	172162-70290	SCREW	4	4						
4	3	172162-70310	GEAR, SUN	1	1						
5	3	172162-70320	RING, SNAP	1	1						
6	3	172499-70720	HOLDER	1	1						
7	3	172499-70730	LACE, INNER	4	4						
8	3	172499-70740	BEARING, NEEDLE	4	4						
9	3	172499-70750	GEAR, PLANETARY	4	4						
10	3	172499-70760	PLATE, THRUST	1	1						
11	3	172499-70770	HOLDER	1	1						
12	3	172499-70780	GEAR, PLANETARY	3	3						
13	3	172499-70790	GEAR, DRIVE	1	1						
14	3	172499-71040	PLATE KIT, THRUST	1	1						
15	3	172450-73360	BEARING, NEEDLE	3	3						
16	3	172423-73370	WASHER, THRUST	4	4						
17	3	172450-73370	LACE, INNER	3	3						
18	3	172A69-73370	HOUSING ASSY	1	1						
19	4	172162-70150	O-RING	1	1						
20	4	172A69-73320	SEAL, OIL	1	1						
21	4	24315-000080	O-RING, 1BP8.0	1	1						
22	3	172450-73380	WASHER, THRUST	3	3						
24	3	172122-70260	BEARING, BALL	1	1						
25	3	172148-70301	PLUG	1	1						
26	3	172122-70410	PIN	2	2						
27	3	172147-70500	PLUG	1	1						
28	3	172122-70530	PIN	1	1						
29	3	172162-70590	BEARING, BALL	1	1						
30	3	172499-70810	SHAFT	1	1						
31	3	172162-70820	O-RING	1	1						
32	3	172499-70830	DISK	3	3						
33	3	172499-70840	PLATE, FRICTION	2	2						
34	3	172499-70850	COLLAR	1	1						
35	3	172499-70860	PISTON, BRAKE	1	1						
36	3	172499-70870	O-RING, AS568-257	1	1						
37	3	172499-70880	SPRING	12	12						
38	3	172499-70890	SPRING	8	8						
39	3	172499-70970	PLATE, VALVE	1	1						
40	3	172499-70980	PIN	2	2						
41	3	172A69-73330	CASE	1	1						
43	4	172124-70380	ORIFICE	1	1						
44	4	172499-70900	COVER	1	1						
45	4	172499-70910	POPPET	2	2						
46	4	172499-70920	PLUG	2	2						
47	4	172499-70930	SPRING	2	2						
48	4	172B11-73340	VALVE ASSY, RELIEF	2	2						
49	5	172499-70950	O-RING, AS568-916	2	2						
50	5	172499-70960	RING, BACK UP	2	2						
51	5	172312-74780	RING, BUCK UP	2	2						
52	5	24315-000150	O-RING, 1BP15.0	2	2						
53	5	24315-000160	O-RING, 1BP16.0	2	2						
54	4	24315-000210	O-RING, 1BP21.0	2	2						

Fig.99. TURNING MOTOR



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



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

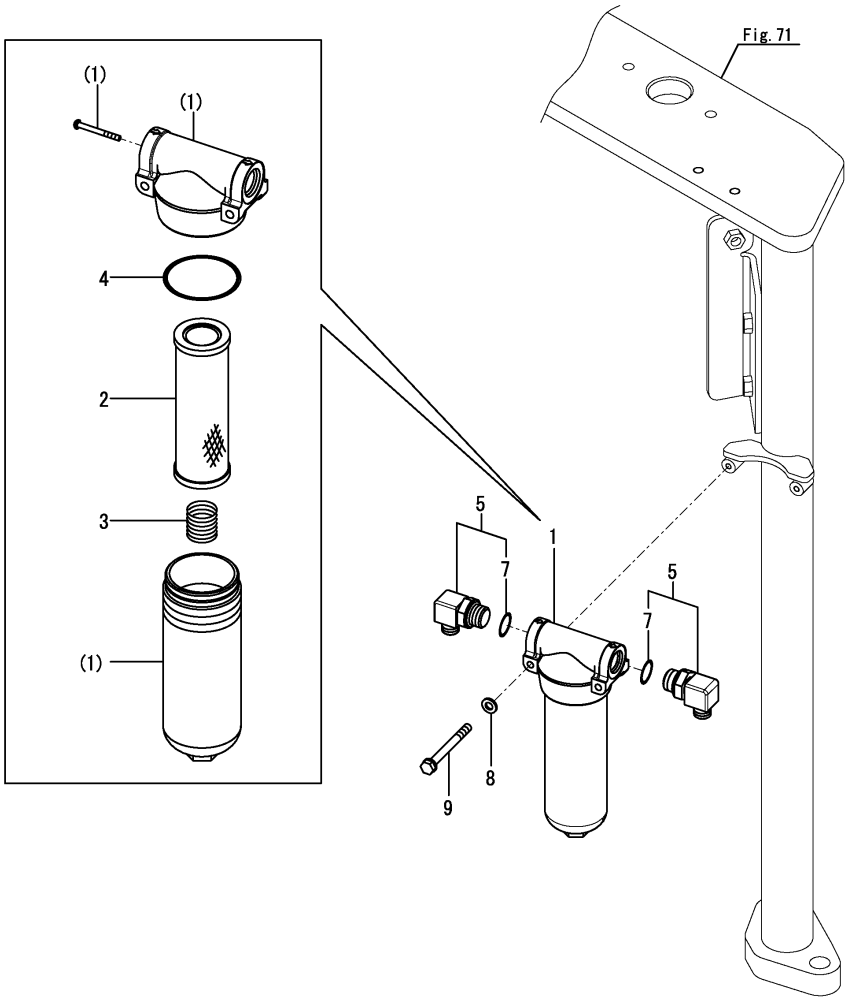
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73600	ACCUMULATOR	1	1						
1-1	1	172C02-73600	ACCUMULATOR	1	1					F	1
(A=M01001) (B=M01001)											
1-2	1	172B03-73600	ACCUMULATOR	1	1					F	2
(A=M01012) (B=M01012)											
1A	2	24311-000180	O-RING, 1AP18.0	1	1					W	
(A=M01001) (B=M01001)											
2	1	172B11-73630	CLAMP	1	1						
2-1	1	172B04-73450	BRACKET ASSY,ACCUM	1	1					S	
(A=M01012) (B=M01012)											
3	1	172423-76120	CONNECTOR, PF1/2X1/4	1	1						
3-1	1	172423-76121	CONNECTOR PF1/2-1/4	1	1					N	
(A=*2019.09) (B=*2019.09)											
3-2	1	172B16-73980	ADAPTER, G1/2-G1/4	1	1					S	
(A=M01001) (B=M01001)											
3-3	1	172B16-73980	ADAPTER, G1/2-G1/4	1	1					Z	
(A=M01012) (B=M01012)											
3A	2	24319-000180	PACKING,HNBR-90 P 18	1	1					W	
(A=*2019.09) (B=*2019.09)											
4	1	26014-080202	BOLT, M8X 20	2	2						
5	1	41851-000180	O-RING, P 18.0 HNBR	1	1					Z	
(A=*2019.09) (B=*2019.09)											

Remarks
(1)Interchangeable with a set of No.3-2.
(2)Interchangeable with a set of No.2-1.

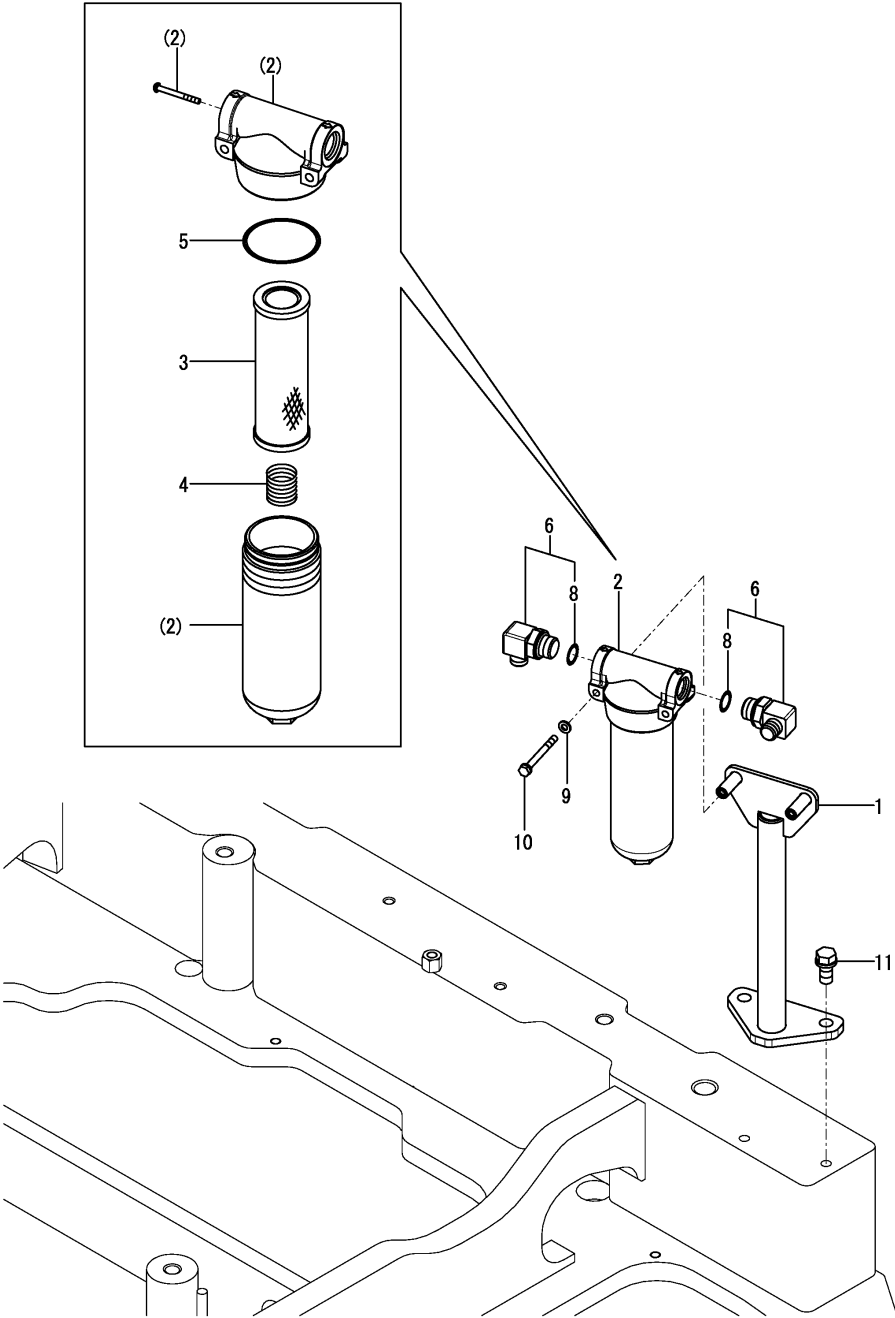
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

Fig.195. (101A)LINE FILTER(FROM M00753)



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

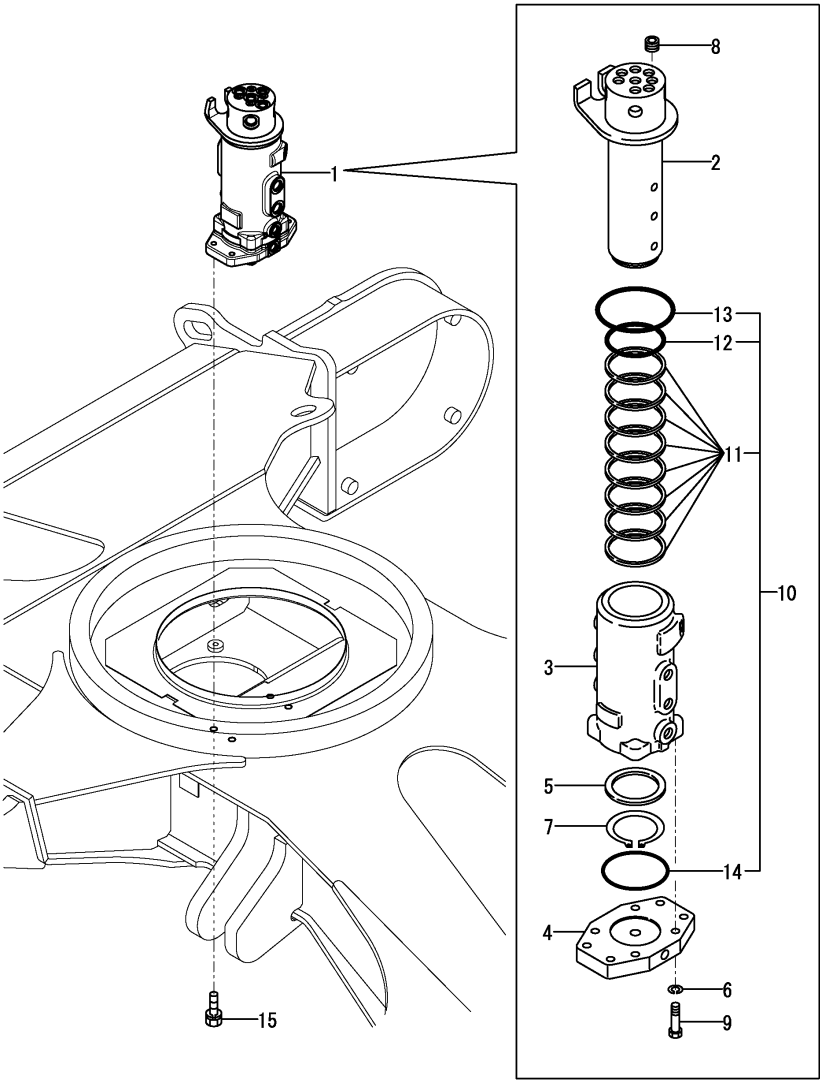
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B62-67200	STAY ASSY,OIL FILTER	1	1						
2	1	172B11-73750	FILTER ASSY, LINE	1	1						
3	2	172B11-73760	ELEMENT	1	1						
4	2	172B11-73770	SPRING	1	1						
5	2	172B11-73780	O-RING, JASO 2053 90	1	1						
6	1	172157-76300	ELBOW ASSY, 3/8-1/2	2	2						
8	2	24315-000180	O-RING, 1BP18.0	2	2						
9	1	22137-060000	WASHER, 6	2	2						
10	1	26013-060602	BOLT, M6X 60	2	2						
11	1	26013-120252	BOLT, M12X 25	2	2						

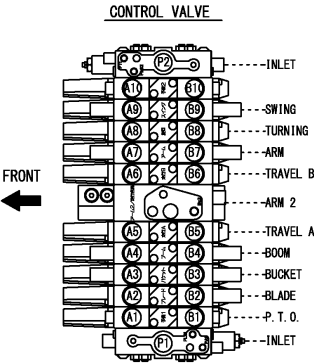
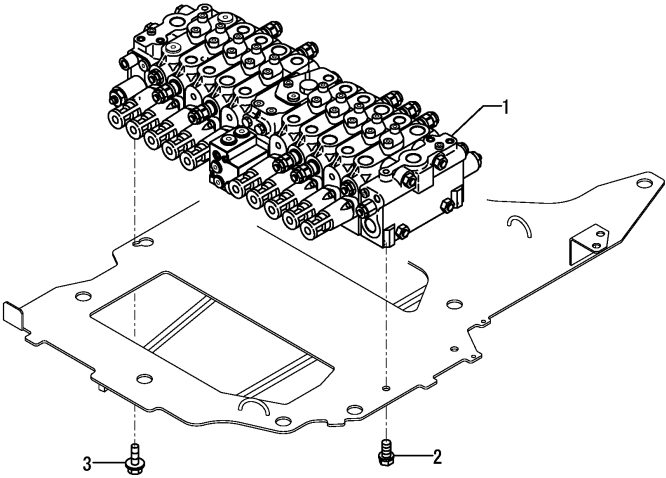
Fig.102. SWIVEL JOINT

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	2	172A65-73810	SHAFT ASSY	1	1						
3	2	172A65-73840	ROTOR	1	1						
4	2	172A65-73850	FLANGE	1	1						
5	2	172A65-73860	SPACER	1	1						
6	2	22217-100000	WASHER, SPRING 10	4	4						
7	2	22242-000720	RING, 72	1	1						
8	2	23871-030000	PLUG, R03	4	4						
9	2	26076-100402	BOLT, 10.910X 40	4	4						
10	2	172A65-73880	SEAL KIT	1	1						
11	3	172A65-73870	SEAL	8	8						
12	3	24315-000800	O-RING, 1BP80.0	1	1						
13	3	24315-001000	O-RING, 1BP100.0	1	1						
14	3	24325-000950	O-RING, 1BG95.0	1	1						
15	1	26013-120402	BOLT, M12X 40	4	4						

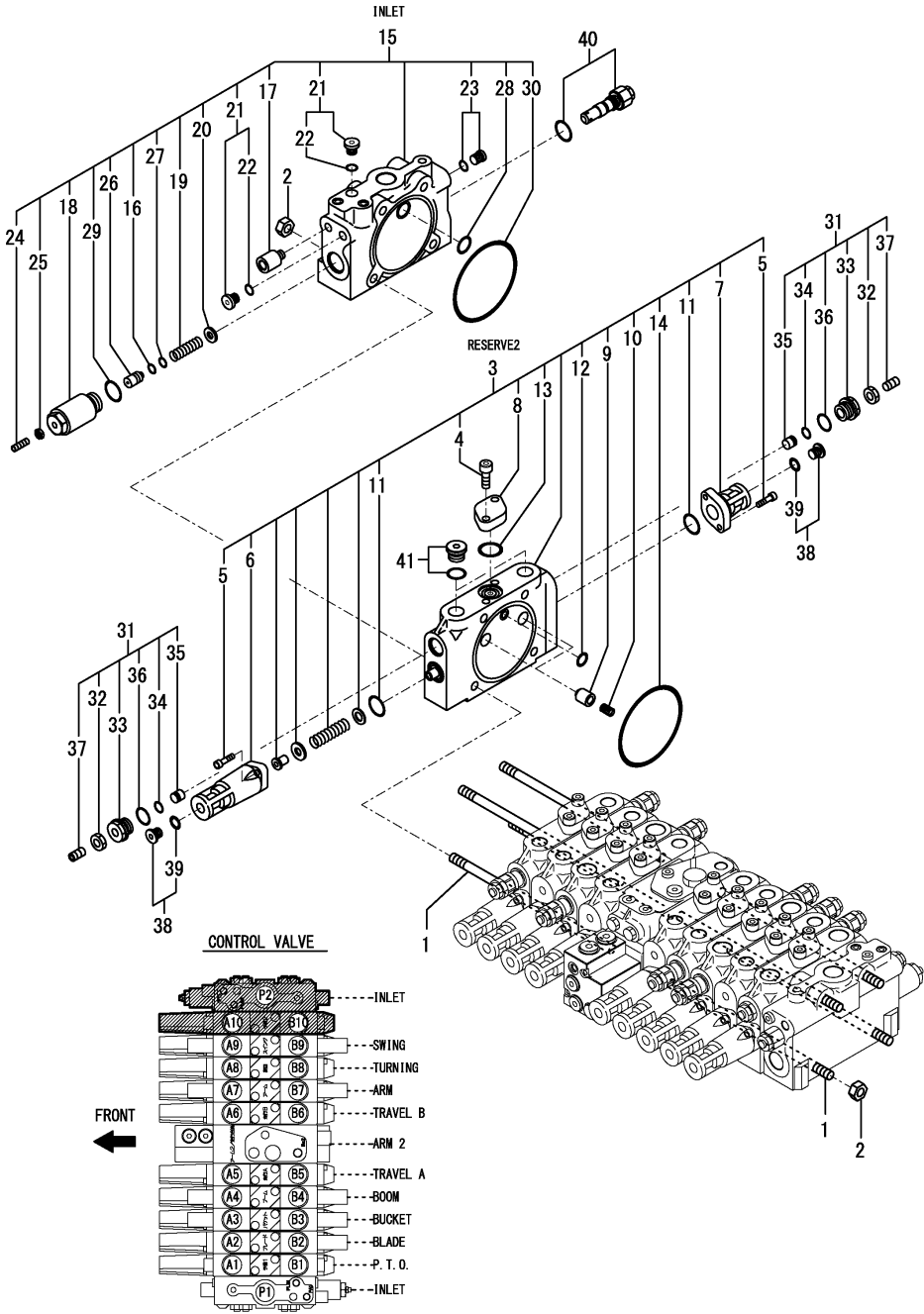


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74102	VALVE ASSY, CONTROL	1							1
1-1	1	172B36-74103	VALVE ASSY, CONTROL	1	1					N	1
(A=M00593)											
2	1	26013-120252	BOLT, M12X 25	2	2						
3	1	26106-120202	BOLT, M12X 20 PLATED	1	1						

Remarks
(1)Inner parts are shown in Fig.176(102H) from Fig.170(102B).



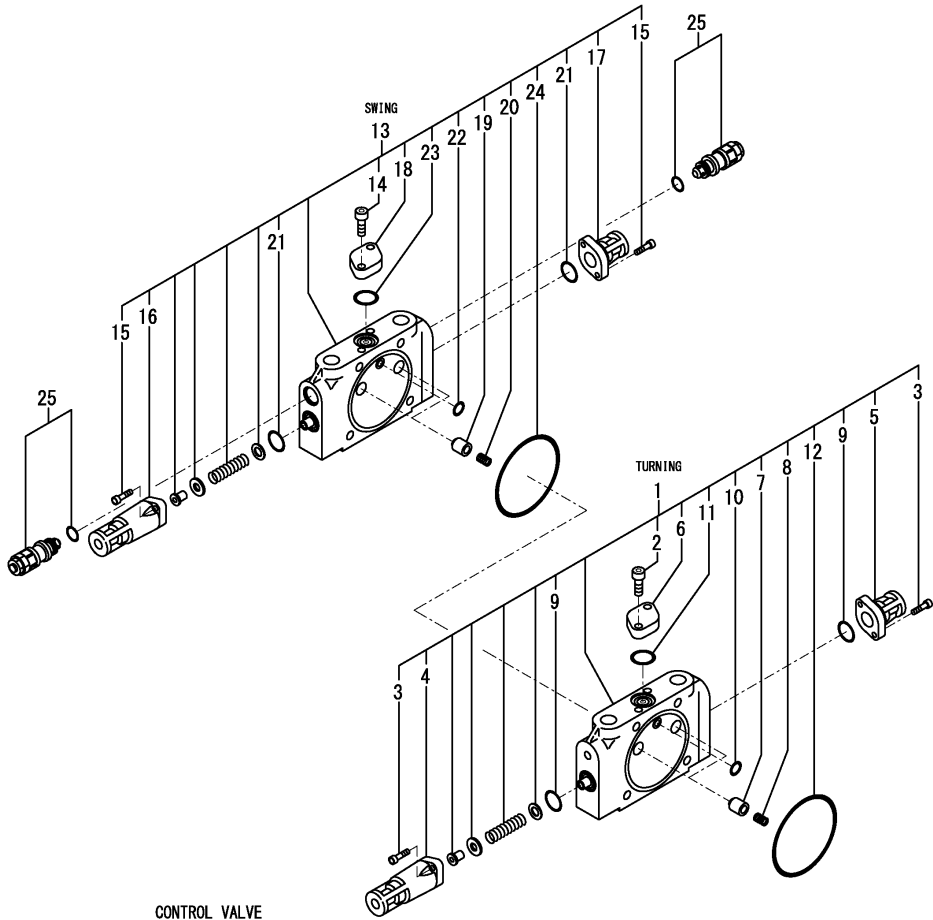
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-71260	TIE-ROD	8	8						
2	2	172B36-71270	NUT	8	8						
3	2	172B36-74280	SECTION ASSY, PTO2	1	1						
4	3	172176-73400	BOLT, SOCKET HEAD	2	2						
5	3	172151-74060	BOLT, SOCKET HEAD	4	4						
6	3	172B36-74320	CAP	1	1						
7	3	172B36-74330	CAP, STEERING WHEEL	1	1						
8	3	172B36-74340	FLANGE	1	1						
9	3	172B36-74350	VALVE, POPPET	2	2						
10	3	172B36-74360	SPRING	2	2						
11	3	24311-000260	O-RING, 1AP26.0	2	2						
12	3	24315-000100	O-RING, 1BP10.0	1	1						
13	3	24315-000240	O-RING, 1BP24.0	1	1						
14	3	24321-001100	O-RING, 1AG110.0	1	1						
15	2	172B36-74290	SECTION ASSY, INLET2	1	1						
16	3	172147-70580	RING, BACK UP	1	1						
17	3	172478-74370	PLUG ASSY	1	1						
18	3	172B36-74370	PLUG	1	1						
19	3	172B36-74380	SPRING	1	1						
20	3	172B36-74420	SEAT, SPRING	1	1						
21	3	172187-74530	PLUG ASSY	2	2						
22	4	24315-000110	O-RING, 1BP11.0	2	2						
23	3	172B36-74790	PLUG ASSY	1	1						
24	3	172B36-74910	SCREW	1	1						
25	3	172B36-74920	NUT	1	1						
26	3	172B36-74930	STOPPER	1	1						
27	3	24315-000120	O-RING, 1BP12.0	1	1						
28	3	24315-000200	O-RING, 1BP20.0	1	1						
29	3	24315-000240	O-RING, 1BP24.0	1	1						
30	3	24321-001100	O-RING, 1AG110.0	1	1						
31	2	172455-74320	VALVE ASSY, SHUT-OFF	2	2						
32	3	172455-74010	NUT, SHOE	2	2						
33	3	172455-74020	PLUG	2	2						
34	3	172455-74030	O-RING	2	2						
35	2	172455-74040	POPPET, VALVE	2	2						
36	3	172116-74150	O-RING	2	2						
37	3	172455-74990	SCREW, SETTING	2	2						
38	2	172187-74530	PLUG ASSY	2	2						
39	3	24315-000110	O-RING, 1BP11.0	2	2						
40	2	172B36-74670	VALVE KIT,RELIEF	1	1						
41	2	172B36-74800	PLUG ASSY	2	2						

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

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

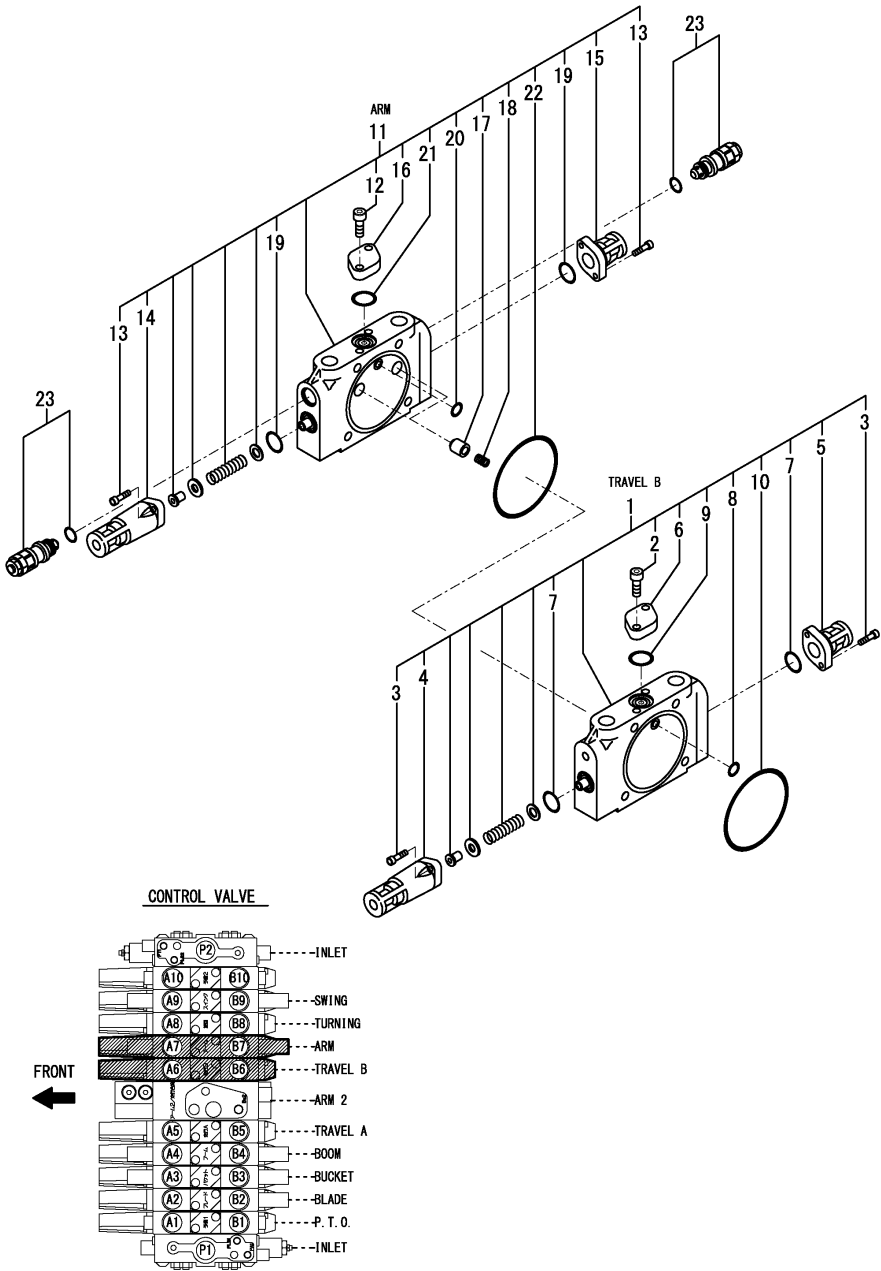


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74261	SECTION ASSY, SWING	1	1						
2	3	172176-73400	BOLT, SOCKET HEAD	2	2						
3	3	172151-74060	BOLT, SOCKET HEAD	4	4						
4	3	172B36-74320	CAP	1	1						
5	3	172B36-74330	CAP, STEERING WHEEL	1	1						
6	3	172B36-74340	FLANGE	1	1						
7	3	172B36-74350	VALVE, POPPET	2	2						
8	3	172B36-74360	SPRING	2	2						
9	3	24311-000260	O-RING, 1AP26.0	2	2						
10	3	24315-000100	O-RING, 1BP10.0	1	1						
11	3	24315-000240	O-RING, 1BP24.0	1	1						
12	3	24321-001100	O-RING, 1AG110.0	1	1						
13	2	172B36-74270	SECTION ASSY, BM SW	1	1						
14	3	172176-73400	BOLT, SOCKET HEAD	2	2						
15	3	172151-74060	BOLT, SOCKET HEAD	4	4						
16	3	172B36-74320	CAP	1	1						
17	3	172B36-74330	CAP, STEERING WHEEL	1	1						
18	3	172B36-74340	FLANGE	1	1						
19	3	172B36-74350	VALVE, POPPET	2	2						
20	3	172B36-74360	SPRING	2	2						
21	3	24311-000260	O-RING, 1AP26.0	2	2						
22	3	24315-000100	O-RING, 1BP10.0	1	1						
23	3	24315-000240	O-RING, 1BP24.0	1	1						
24	3	24321-001100	O-RING, 1AG110.0	1	1						
25	2	172B36-74640	VALVE KIT,RELIEF	2	2						

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

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

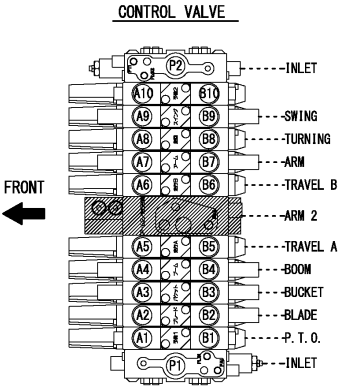
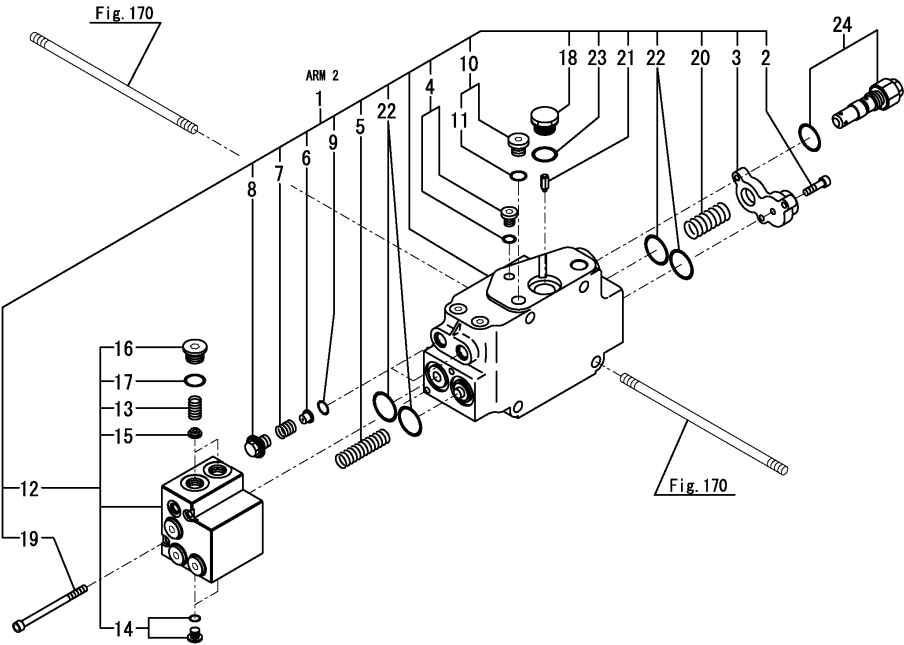
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74240	SECTION ASSY, TRV-R	1	1						
2	3	172176-73400	BOLT, SOCKET HEAD	2	2						
3	3	172151-74060	BOLT, SOCKET HEAD	4	4						
4	3	172B36-74320	CAP	1	1						
5	3	172B36-74330	CAP, STEERING WHEEL	1	1						
6	3	172B36-74340	FLANGE	1	1						
7	3	24311-000260	O-RING, 1AP26.0	2	2						
8	3	24315-000100	O-RING, 1BP10.0	1	1						
9	3	24315-000240	O-RING, 1BP24.0	1	1						
10	3	24321-001100	O-RING, 1AG110.0	1	1						
11	2	172B36-74250	SECTION ASSY, ARM	1	1						
12	3	172176-73400	BOLT, SOCKET HEAD	2	2						
13	3	172151-74060	BOLT, SOCKET HEAD	4	4						
14	3	172B36-74320	CAP	1	1						
15	3	172B36-74330	CAP, STEERING WHEEL	1	1						
16	3	172B36-74340	FLANGE	1	1						
17	3	172B36-74350	VALVE, POPPET	2	2						
18	3	172B36-74360	SPRING	2	2						
19	3	24311-000260	O-RING, 1AP26.0	2	2						
20	3	24315-000100	O-RING, 1BP10.0	1	1						
21	3	24315-000240	O-RING, 1BP24.0	1	1						
22	3	24321-001100	O-RING, 1AG110.0	1	1						
23	2	172B36-74640	VALVE KIT,RELIEF	2	2						



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

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

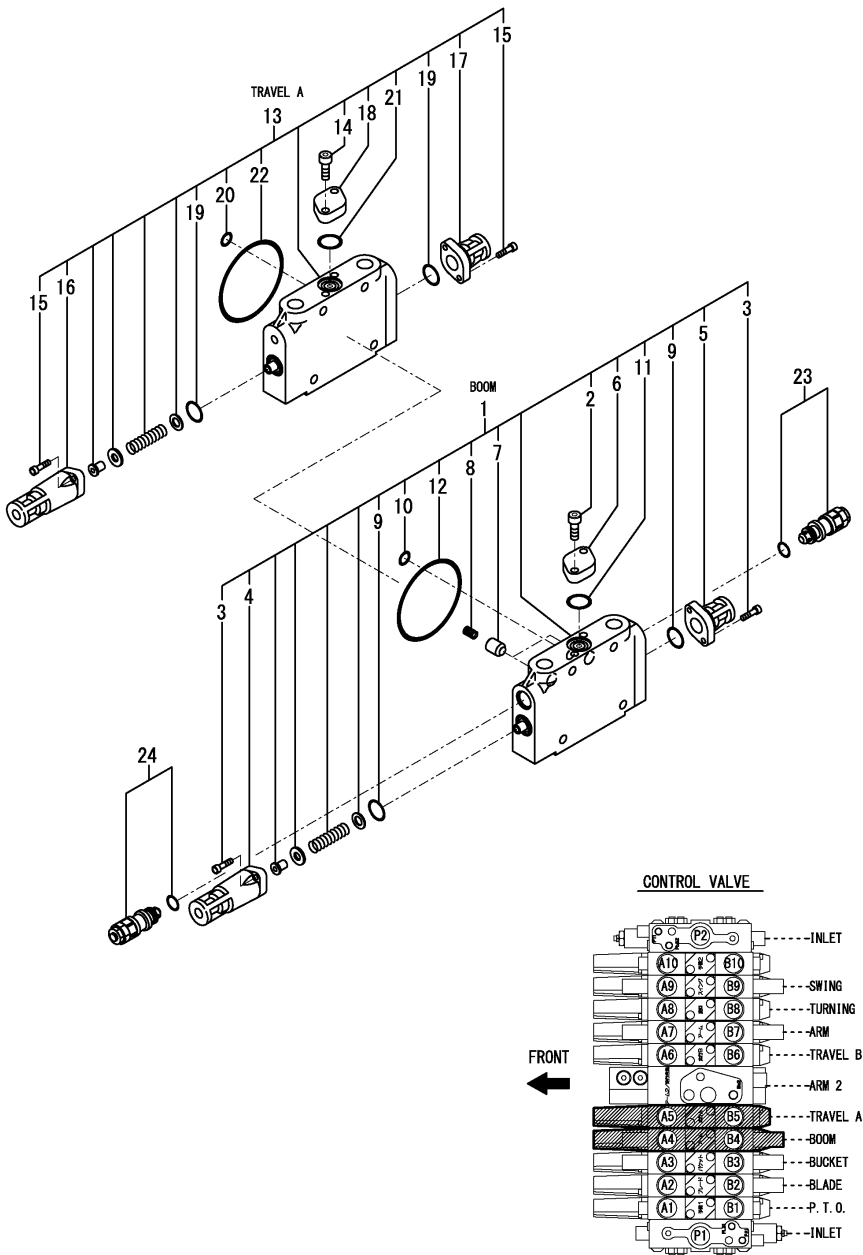
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74301	SECTION ASSY, ARM2	1	1						
2	3	172151-74060	BOLT, SOCKET HEAD	3	3						
3	3	172B36-74310	CAP, STEERING WHEEL	1	1						
4	3	172422-74330	PLUG ASSY	1	1						
5	3	172B36-74410	SPRING	1	1						
6	3	172455-74420	POPPET, VALVE	2	2						
7	3	172455-74440	SPRING	2	2						
8	3	172455-74450	PLUG	2	2						
9	3	172455-74460	O-RING	2	2						
10	3	172187-74530	PLUG ASSY	1	1						
11	4	24315-000110	O-RING, 1BP11.0	1	1						
12	3	172B36-74681	VALVE ASSY,TRV-JCT	1	1						
13	4	172B36-74391	SPRING	2	2						
14	4	172B36-74810	PLUG ASSY	2	2						
15	4	172B36-74960	SEAT, SPRING	2	2						
16	4	172B36-74970	PLUG	2	2						
17	4	24315-000140	O-RING, 1BP14.0	2	2						
18	3	172B36-74890	PLUG	1	1						
19	3	172B36-74940	BOLT, SOCKET HEAD	3	3						
20	3	172B36-74950	SPRING	1	1						
21	3	172B36-74980	VALVE,POPPET	1	1						
22	3	24311-000260	O-RING, 1AP26.0	4	4						
23	3	24315-000180	O-RING, 1BP18.0	1	1						
24	2	172B36-74660	VALVE KIT,RELIEF	1	1						



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

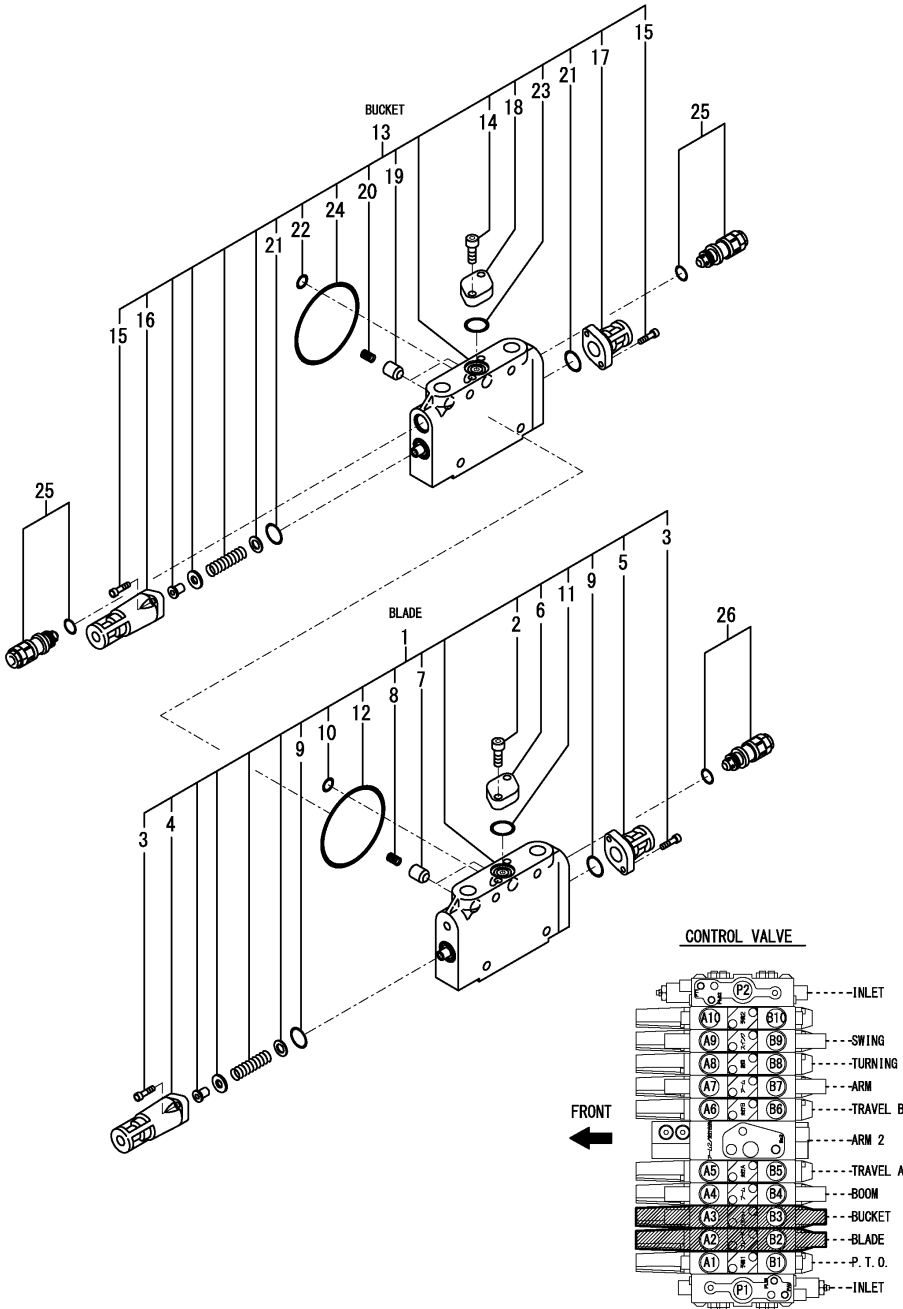
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74220	SECTION ASSY, BOOM	1							
1-1	2	172B36-74221	SECTION ASSY, BOOM	1	1					N	
(A=M00593)											
2	3	172176-73400	BOLT, SOCKET HEAD	2	2						
3	3	172151-74060	BOLT, SOCKET HEAD	4	4						
4	3	172B36-74320	CAP	1	1						
5	3	172B36-74330	CAP, STEERING WHEEL	1	1						
6	3	172B36-74340	FLANGE	1	1						
7	3	172B36-74350	VALVE, POPPET	2	2						
8	3	172B36-74360	SPRING	2	2						
9	3	24311-000260	O-RING, 1AP26.0	2	2						
10	3	24315-000100	O-RING, 1BP10.0	1	1						
11	3	24315-000240	O-RING, 1BP24.0	1	1						
12	3	24321-001100	O-RING, 1AG110.0	1	1						
13	2	172B36-74230	SECTION ASSY, TRV-L	1	1						
14	3	172176-73400	BOLT, SOCKET HEAD	2	2						
15	3	172151-74060	BOLT, SOCKET HEAD	4	4						
16	3	172B36-74320	CAP	1	1						
17	3	172B36-74330	CAP, STEERING WHEEL	1	1						
18	3	172B36-74340	FLANGE	1	1						
19	3	24311-000260	O-RING, 1AP26.0	2	2						
20	3	24315-000100	O-RING, 1BP10.0	1	1						
21	3	24315-000240	O-RING, 1BP24.0	1	1						
22	3	24321-001100	O-RING, 1AG110.0	1	1						
23	2	172B36-74640	VALVE KIT,RELIEF	1	1						
24	2	172B36-74650	VALVE KIT,RELIEF	1	1						

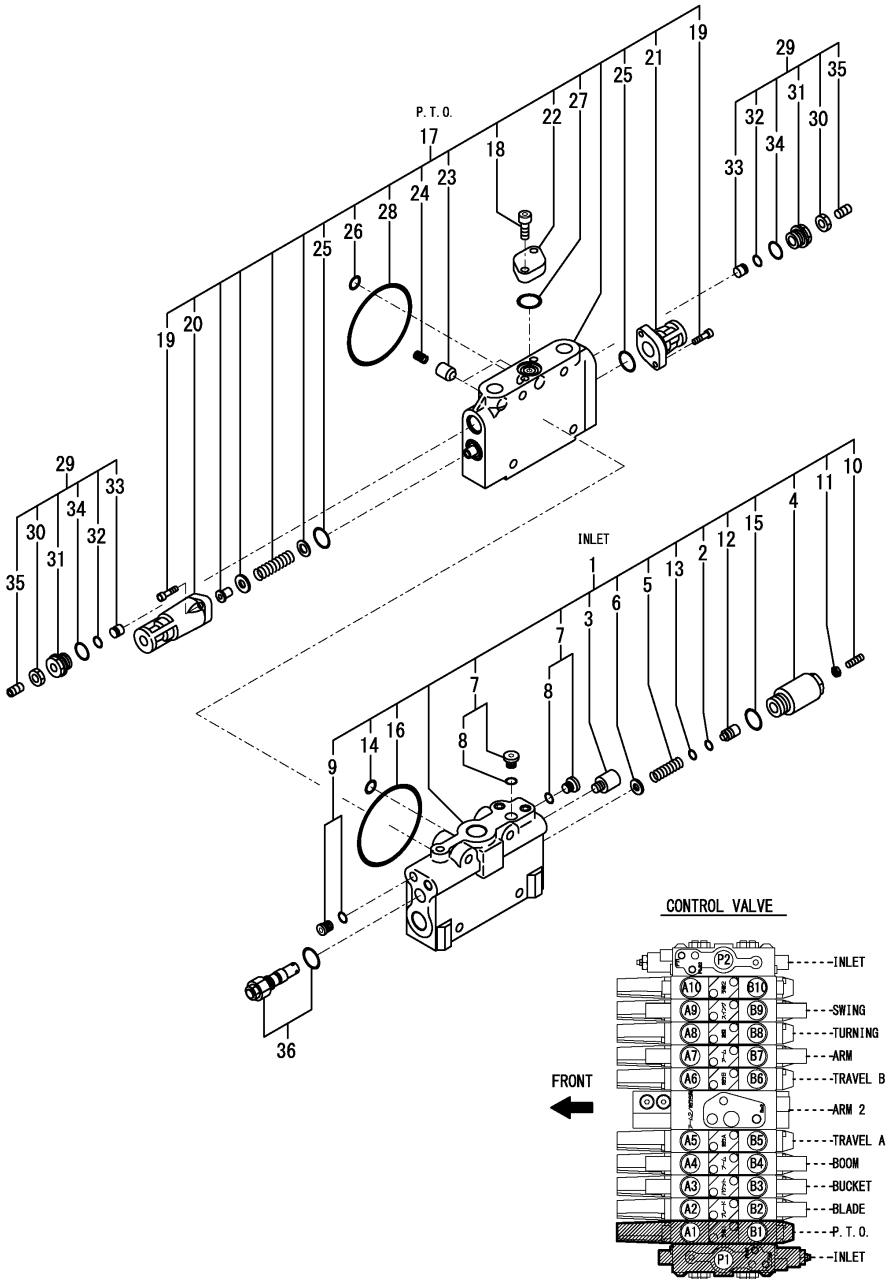


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

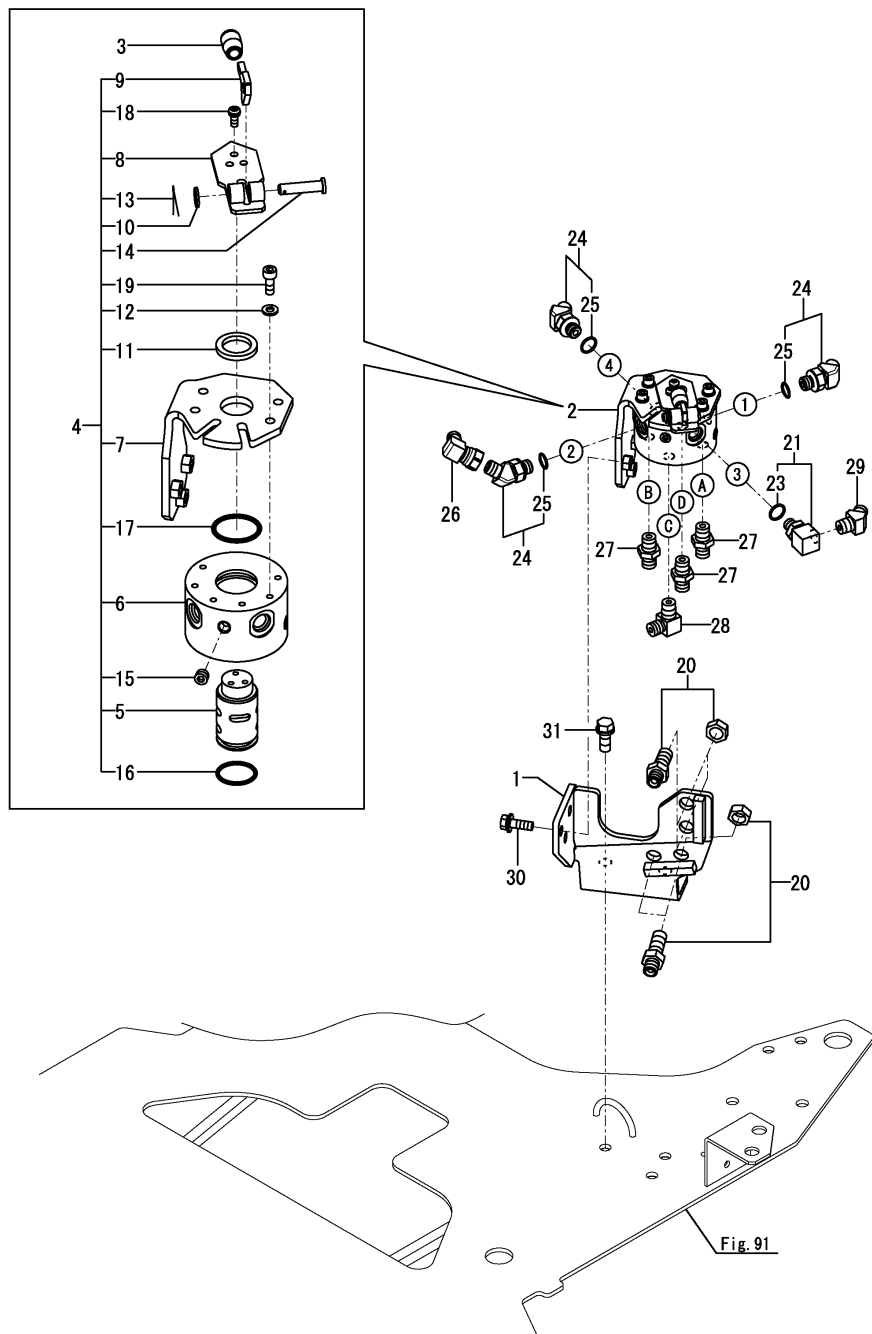


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74200	SECTION ASSY, BLADE	1	1						
2	3	172176-73400	BOLT, SOCKET HEAD	2	2						
3	3	172151-74060	BOLT, SOCKET HEAD	4	4						
4	3	172B36-74320	CAP	1	1						
5	3	172B36-74330	CAP, STEERING WHEEL	1	1						
6	3	172B36-74340	FLANGE	1	1						
7	3	172B36-74350	VALVE, POPPET	2	2						
8	3	172B36-74360	SPRING	2	2						
9	3	24311-000260	O-RING, 1AP26.0	2	2						
10	3	24315-000100	O-RING, 1BP10.0	1	1						
11	3	24315-000240	O-RING, 1BP24.0	1	1						
12	3	24321-001100	O-RING, 1AG110.0	1	1						
13	2	172B36-74210	SECTION ASSY, BUCKET	1	1						
14	3	172176-73400	BOLT, SOCKET HEAD	2	2						
15	3	172151-74060	BOLT, SOCKET HEAD	4	4						
16	3	172B36-74320	CAP	1	1						
17	3	172B36-74330	CAP, STEERING WHEEL	1	1						
18	3	172B36-74340	FLANGE	1	1						
19	3	172B36-74350	VALVE, POPPET	2	2						
20	3	172B36-74360	SPRING	2	2						
21	3	24311-000260	O-RING, 1AP26.0	2	2						
22	3	24315-000100	O-RING, 1BP10.0	1	1						
23	3	24315-000240	O-RING, 1BP24.0	1	1						
24	3	24321-001100	O-RING, 1AG110.0	1	1						
25	2	172B36-74640	VALVE KIT, RELIEF	2	2						
26	2	172B36-74710	RELIEF, 13.0/50	1	1						



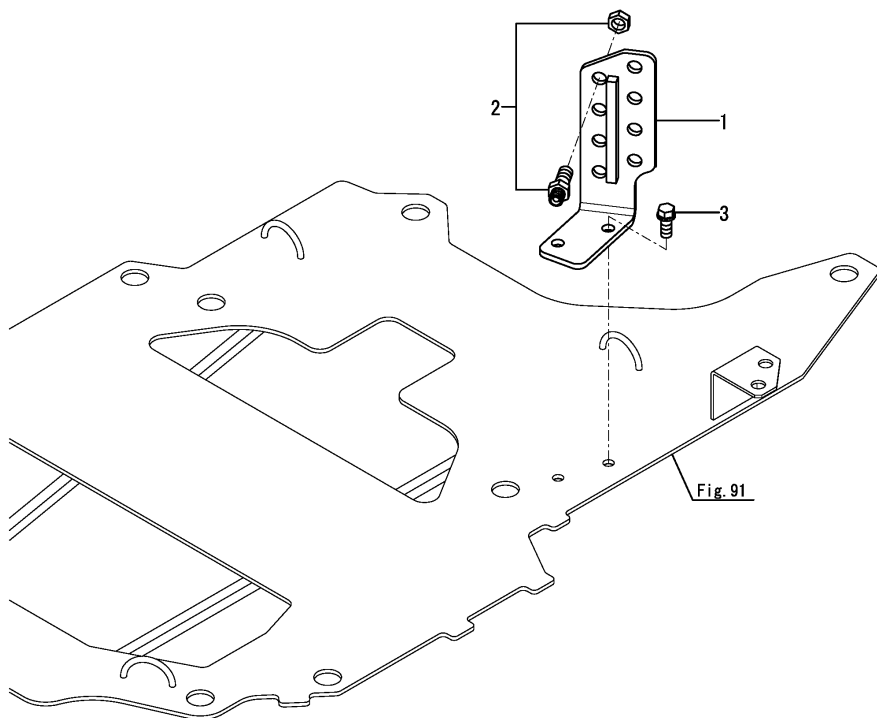
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B36-74180	SECTION ASSY, INLET1	1	1						
2	3	172147-70580	RING, BACK UP	1	1						
3	3	172478-74370	PLUG ASSY	1	1						
4	3	172B36-74370	PLUG	1	1						
5	3	172B36-74380	SPRING	1	1						
6	3	172B36-74420	SEAT, SPRING	1	1						
7	3	172187-74530	PLUG ASSY	2	2						
8	4	24315-000110	O-RING, 1BP11.0	2	2						
9	3	172B36-74790	PLUG ASSY	1	1						
10	3	172B36-74910	SCREW	1	1						
11	3	172B36-74920	NUT	1	1						
12	3	172B36-74930	STOPPER	1	1						
13	3	24315-000120	O-RING, 1BP12.0	1	1						
14	3	24315-000200	O-RING, 1BP20.0	1	1						
15	3	24315-000240	O-RING, 1BP24.0	1	1						
16	3	24321-001100	O-RING, 1AG110.0	1	1						
17	2	172B36-74190	SECTION ASSY, PTO1	1	1						
18	3	172176-73400	BOLT, SOCKET HEAD	2	2						
19	3	172151-74060	BOLT, SOCKET HEAD	4	4						
20	3	172B36-74320	CAP	1	1						
21	3	172B36-74330	CAP, STEERING WHEEL	1	1						
22	3	172B36-74340	FLANGE	1	1						
23	3	172B36-74350	VALVE, POPPET	2	2						
24	3	172B36-74360	SPRING	2	2						
25	3	24311-000260	O-RING, 1AP26.0	2	2						
26	3	24315-000100	O-RING, 1BP10.0	1	1						
27	3	24315-000240	O-RING, 1BP24.0	1	1						
28	3	24321-001100	O-RING, 1AG110.0	1	1						
29	2	172455-74320	VALVE ASSY, SHUT-OFF	2	2						
30	3	172455-74010	NUT, SHOE	2	2						
31	3	172455-74020	PLUG	2	2						
32	3	172455-74030	O-RING	2	2						
33	3	172455-74040	POPPET, VALVE	2	2						
34	3	172116-74150	O-RING	2	2						
35	3	172455-74990	SCREW, SETTING	2	2						
36	2	172B36-74670	VALVE KIT,RELIEF	1	1						

Fig.104. 2-WAY VALVE



				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (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, 2WAY	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 ASSY	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, PT PF1/4	1									
23	2	24315-000110	O-RING, 1BP11.0	1									
24	1	172173-76102	CONNECTOR ASSY	3									
25	2	41851-000110	O-RING, P11.0 HNBR	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									

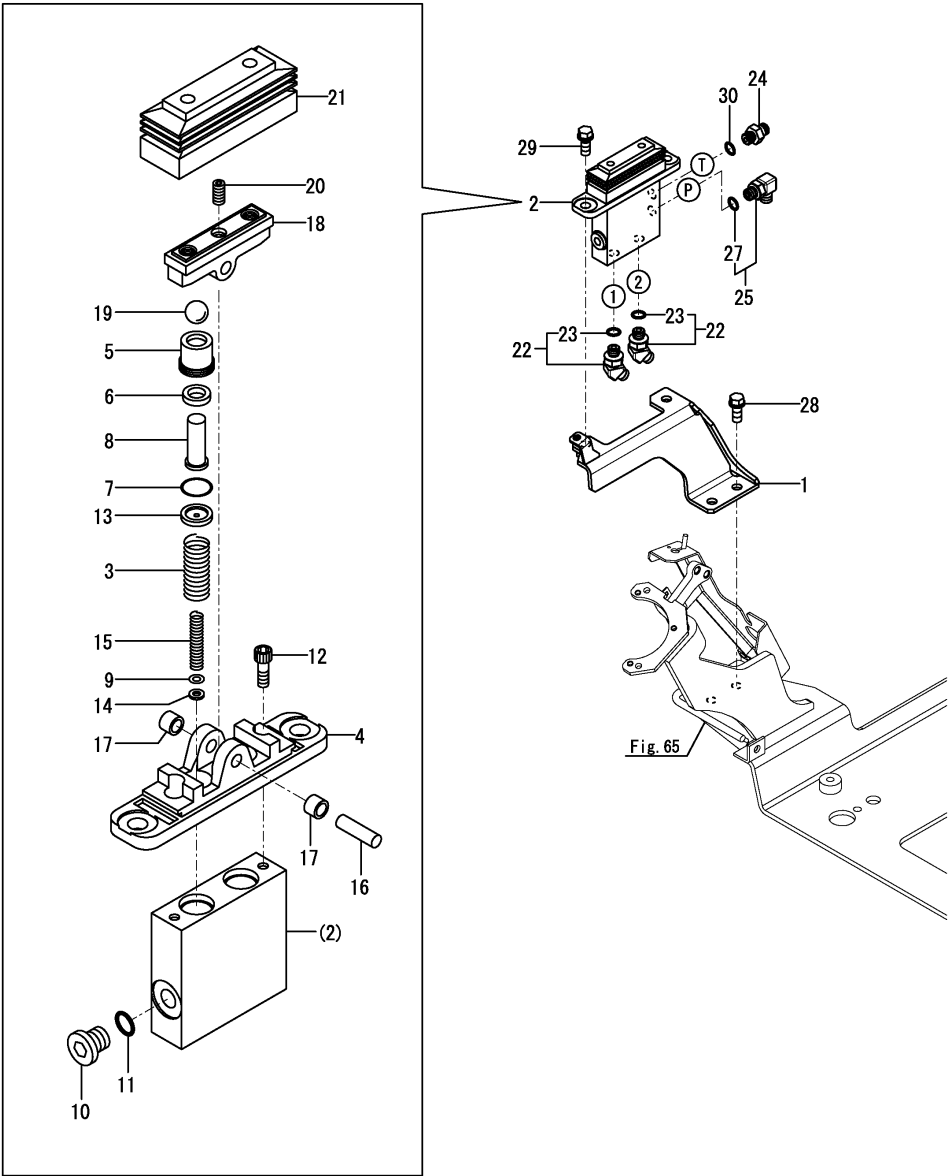
Fig.188. (104A)STANDARD PIPING BRACKET



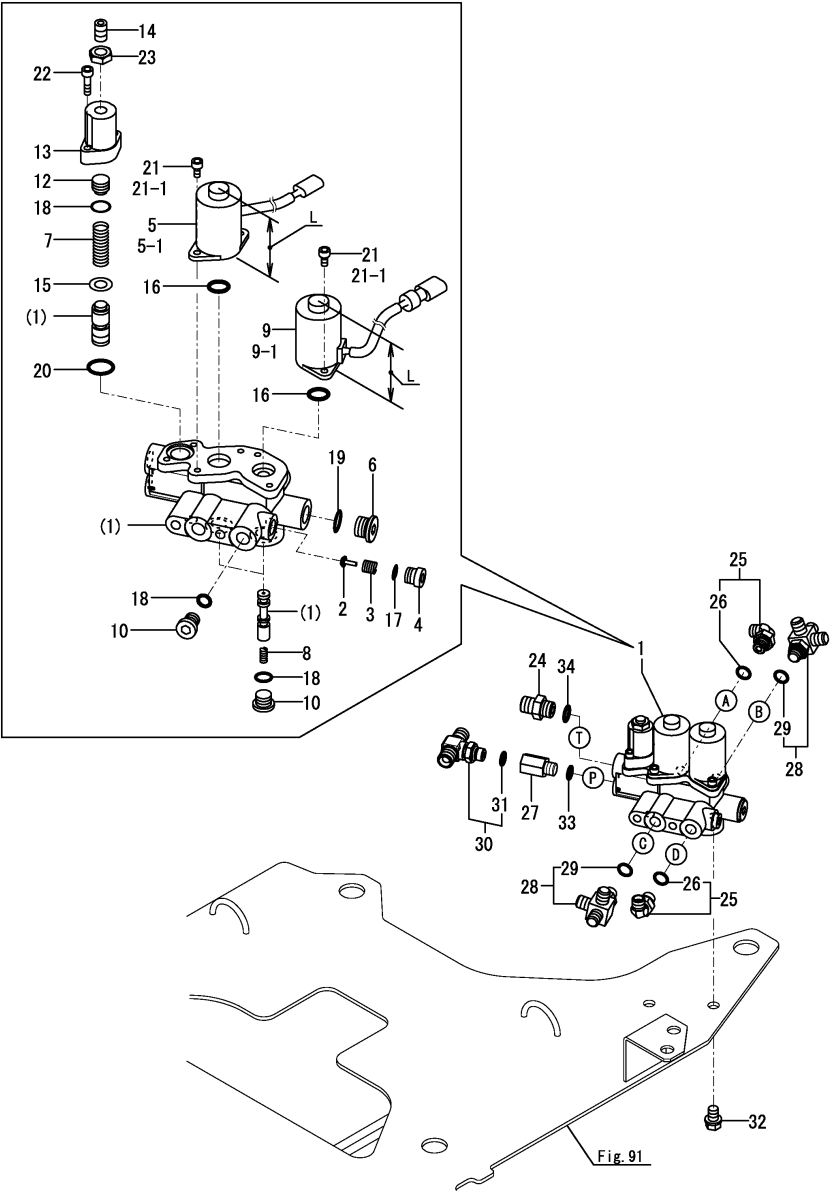
No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=	(D)= (E)= (F)=	Q'ty (A) (B) (C) (D) (E) (F)	I R
1	1	172A69-71700	BRACKET ASSY, STD			1	
2	1	172151-76050	JOINT			8	
3	1	26013-100252	BOLT, M10X 25			2	

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	1	172A69-74670	VALVE ASSY, REMO-CON	1	1						
3	2	172A69-74680	SPRING	2	2						
4	2	172A47-74710	COVER	1	1						
4-1	2	172A47-74090	COVER	1	1						N
		(A=*2025.08) (B=*2025.08)									
5	2	172A47-74720	PLUG	2	2						
6	2	172A47-74730	PACKING	2	2						
7	2	172A47-74740	O-RING	2	2						
8	2	172A47-74750	ROD, PUSH	2	2						
9	2	172A47-74760	SHIM	2	2						
10	2	172A47-74770	PLUG, RO	1	1						
10-1	2	172A47-74080	PLUG,ROH	1	1						N
		(A=*2025.08) (B=*2025.08)									
11	2	172A47-74780	O-RING	1	1						
12	2	172A47-74790	BOLT, HEX SOCKET	2	2						
12-1	2	172A47-74070	BOLT, HEX SOCKET	2	2						N
		(A=*2025.08) (B=*2025.08)									
13	2	172A47-74800	SEAT, SPRING	2	2						
14	2	172A47-74810	WASHER	2	2						
15	2	172A47-74820	SPRING	2	2						
16	2	172A47-74840	SHAFT, CAM	1	1						
17	2	172A47-74850	BUSH	2	2						
18	2	172A47-74860	CAM	1	1						
18-1	2	172A47-74060	CAM	1	1						N
		(A=*2025.08) (B=*2025.08)									
19	2	172A47-74870	BALL, STEEL	2	2						
20	2	172A47-74880	SCREW, SETTING	1	1						
21	2	172A47-74890	BELLOWS	1	1						
21-1	2	172A47-74050	BELLOWS	1	1						N
		(A=*2025.08) (B=*2025.08)									
22	1	172173-76102	CONNECTOR ASSY	2	2						
23	2	41851-000110	O-RING, P11.0 HNBR	2	2						
24	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
25	1	172141-76181	CONNECTOR ASSY, 02FF	1	1						
27	2	41851-000110	O-RING, P11.0 HNBR	1	1						
28	1	26013-100252	BOLT, M10X 25	2	2						
29	1	26013-100252	BOLT, M10X 25	2	2						
30	1	41851-000110	O-RING, P11.0 HNBR	1	1						



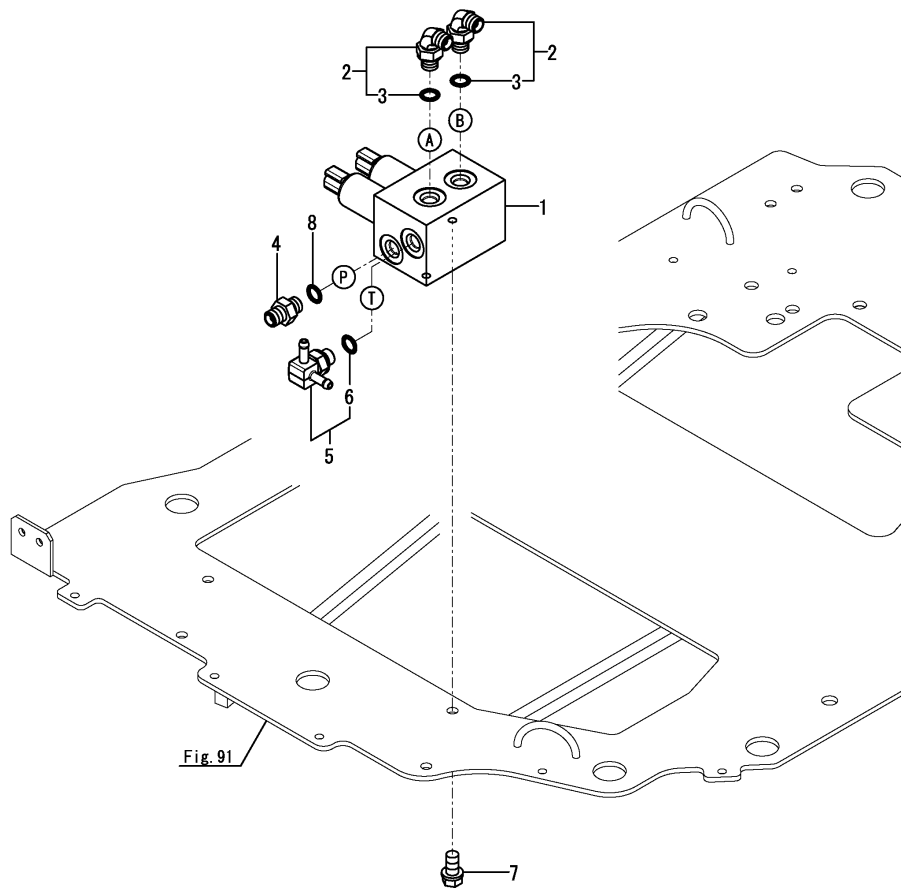
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
2	2	172A69-74440	PLUNGER	1	1						
3	2	172A69-74450	SPRING	1	1						
4	2	172A69-74460	PLUG	1	1						
5	2	172A69-74470	VALVE, SOLENOID	1	1						
5-1	2	172A69-74471	SOLENOID	1	1					F	1
(A=M00877) (B=M00877)											
6	2	172A69-74520	PLUG, PF1/2	1	1						
7	2	172A69-74540	SPRING	1	1						
8	2	172A46-74710	SPRING, COMPRESSION	2	2						
9	2	172A46-74720	VALVE, SOLENOID	1	1						
9-1	2	172A46-74721	SOLENOID	1	1					F	1
(A=M00877) (B=M00877)											
10	2	172A46-74730	PLUG, G1/4	3	3						
12	2	172A69-74970	PLUG	1	1						
13	2	172A69-74980	COVER	1	1						
14	2	172A69-74990	SCREW, ADJUSTING	1	1						
15	2	22117-080000	WASHER, 8	1	1						
16	2	24311-000160	O-RING, 1AP16.0	2	2						
17	2	24315-000100	O-RING, 1BP10.0	1	1						
18	2	24315-000110	O-RING, 1BP11.0	4	4						
19	2	24315-000180	O-RING, 1BP18.0	1	1						
20	2	24315-000200	O-RING, 1BP20.0	1	1						
21	2	26450-050122	BOLT, M5X 12	4	4						
21-1	2	26450-050102	BOLT, M5X 10	4	4						S
(A=M00877) (B=M00877)											
22	2	26450-050202	BOLT, M5X 20	2	2						
23	2	26736-100002	NUT, M10	1	1						
24	1	172730-75141	ADAPTER, M/M C	1	1						
25	1	172B03-76010	ELBOW, G1/4	2	2						
26	2	41851-000110	O-RING, P11.0 HNBR	2	2						
27	1	172422-76140	CONNECTOR, PF1/4	1	1						
28	1	172491-76140	JOINT, 1/4	2	2						
29	2	24315-000110	O-RING, 1BP11.0	2	2						
30	1	172B11-76150	CONNECTOR, TEE	1	1						
31	2	41851-000110	O-RING, P11.0 HNBR	1	1						
32	1	26013-100162	BOLT, M10X 16	2	2						
33	1	41851-000110	O-RING, P11.0 HNBR	1	1						
34	1	41851-000140	O-RING, P 14.0 HNBR	1	1						

Remarks
(1)L=No.5, 9 : 61mm, No.5-1, 9-1 : 43mm.
Interchangeable by simultaneous replacement with No.21-1.

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

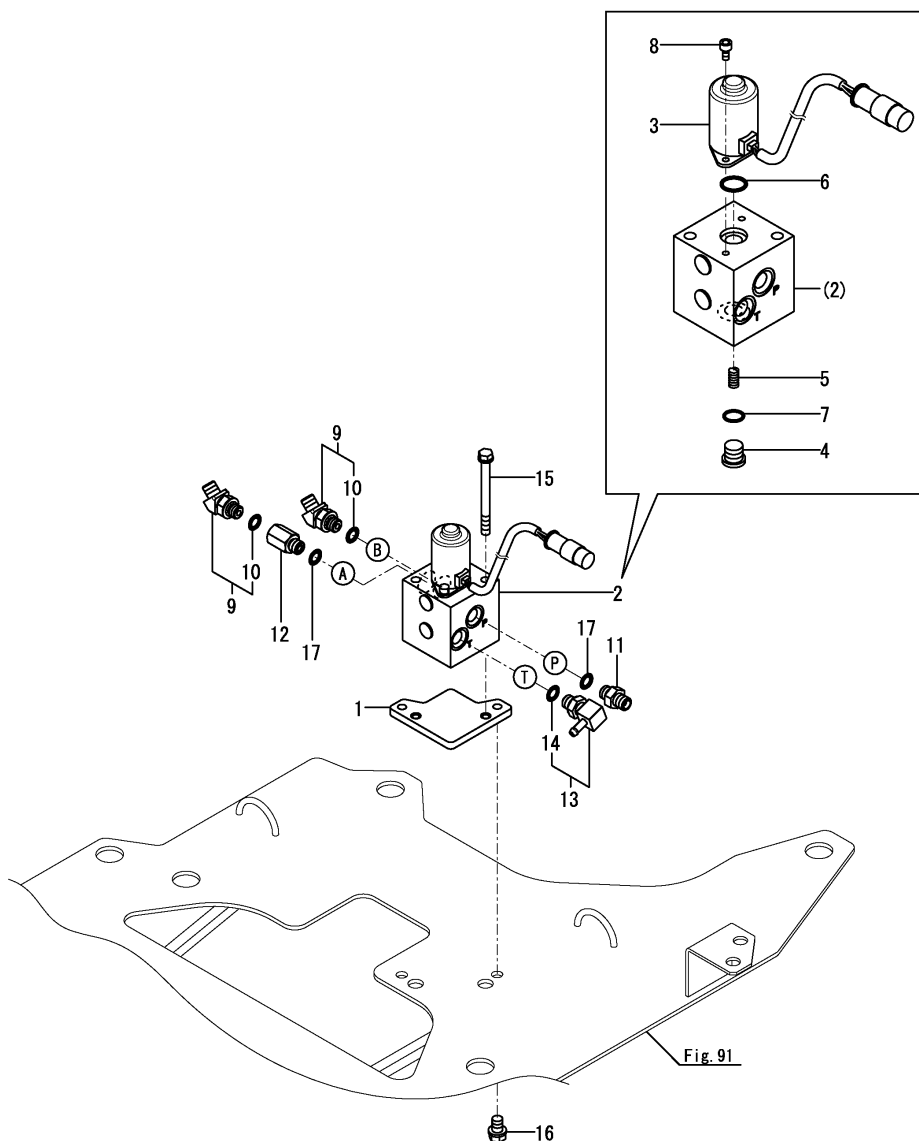


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

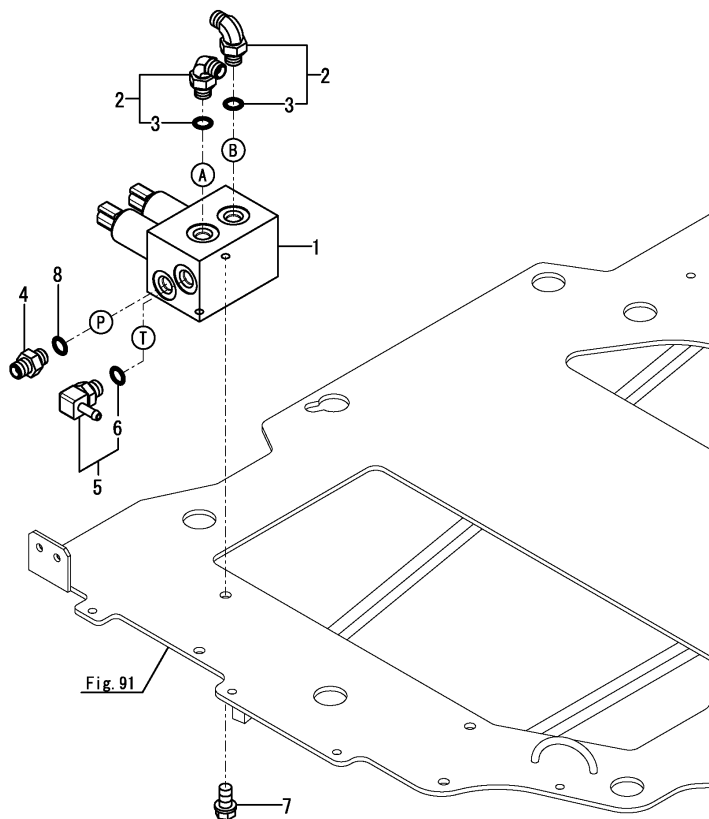
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-74410	VALVE ASSY, PTO	1	1						
2	1	172B03-76010	ELBOW, G1/4	2	2						
3	2	41851-000110	O-RING, P11.0 HNBR	2	2						
4	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
5	1	172A79-76140	NIPPLE, TEE G1/4	1	1						
6	2	41851-000110	O-RING, P11.0 HNBR	1	1						
7	1	26013-080162	BOLT, M8X 16	2	2						
8	1	41851-000110	O-RING, P11.0 HNBR	1	1						

Fig.108. SOLENOID VALVE(QUICK COUPLER)



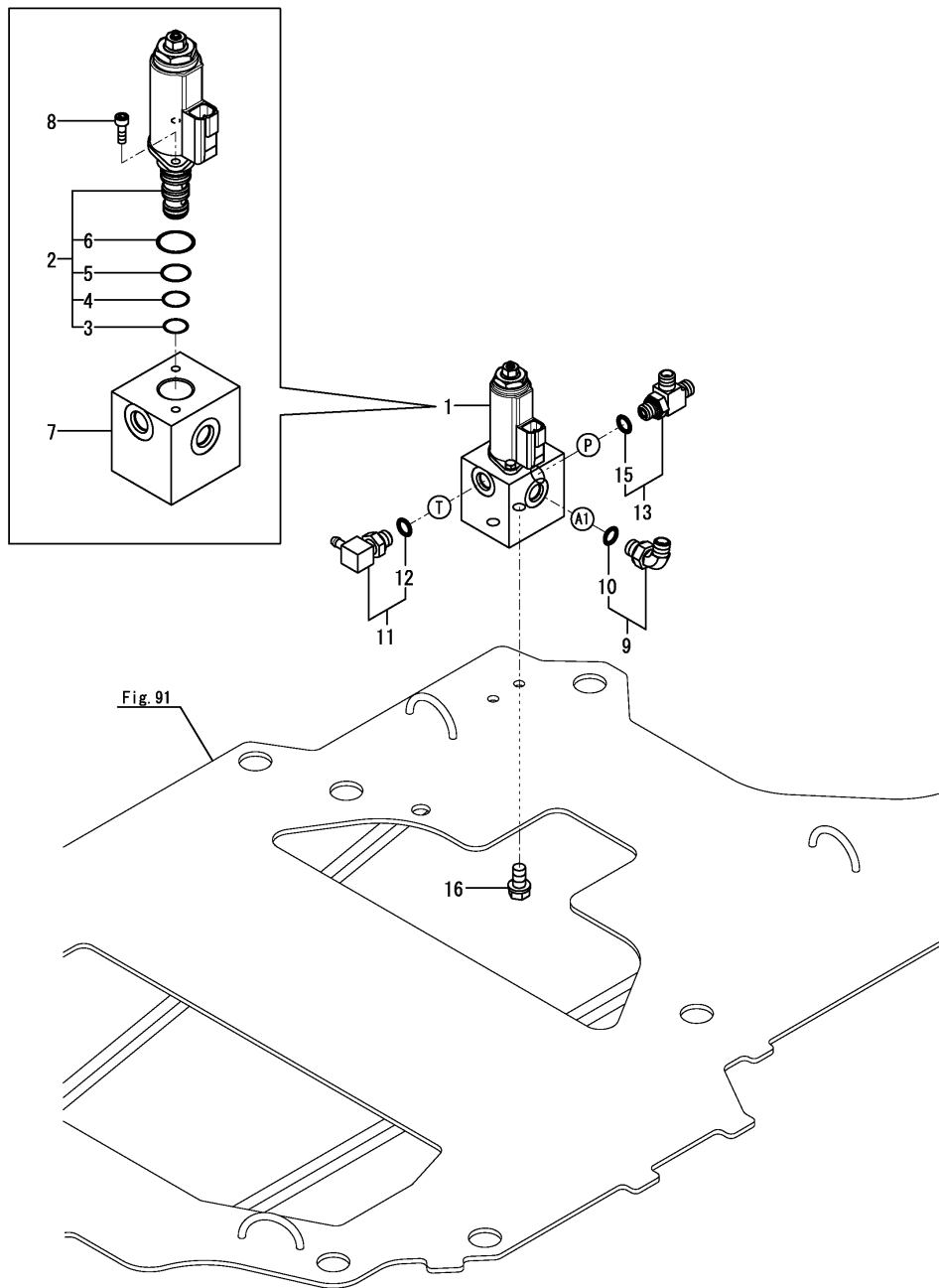
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-71480	STAY, SOLENOID VALVE	1	1						
2	1	172A69-74550	VALVE ASSY, Q	1	1						
3	2	172A69-74560	SOLENOID	1	1						
3-1	2	172A69-74561	SOLENOID	1	1						R
	(A)="2021.02)	(B)="2021.02)									
4	2	172A69-74590	PLUG, G1/4	1	1						
5	2	172A46-74710	SPRING, COMPRESSION	1	1						
6	2	24311-000160	O-RING, 1AP16.0	1	1						
7	2	24315-000110	O-RING, 1BP11.0	1	1						
8	2	26450-050102	BOLT, M5X 10	2	2						
9	1	172173-76102	CONNECTOR ASSY	2	2						
10	2	41851-000110	O-RING, P11.0 HNBR	2	2						
11	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
12	1	172422-76140	CONNECTOR, PF1/4	1	1						
13	1	172458-76150	NIPPLE, ELBOW PF1/4	1	1						
14	2	24315-000110	O-RING, 1BP11.0	1	1						
15	1	26013-080902	BOLT, M8X 90	2	2						
16	1	26013-100162	BOLT, M10X 16	2	2						
17	1	41851-000110	O-RING, P11.0 HNBR	2	2						

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



				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=	(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C)	(D)	(E)	(F)	I	R
1	1	172B11-74410	VALVE ASSY, PTO	1	1						
2	1	172B03-76010	ELBOW, G1/4	2	2						
3	2	41851-000110	O-RING, P11.0 HNBR	2	2						
4	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
5	1	172458-76150	NIPPLE, ELBOW PF1/4	1	1						
6	2	24315-000110	O-RING, 1BP11.0	1	1						
7	1	26013-080162	BOLT, M8X 16	2	2						
8	1	41851-000110	O-RING, P11.0 HNBR	1	1						

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



No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=			(D)= (E)= (F)=			I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172B03-74710	VALVE ASSY, P	1	1					
2	2	172B03-74740	CARTRIDGE ASSY,P0.7A	1	1					
3	3	172B03-74860	O-RING, 1B AS 013	1	1					
4	3	172B03-74870	O-RING, 1B AS 014	1	1					
5	3	172B03-74880	O-RING, 1B AS 015	1	1					
6	3	24315-000200	O-RING, 1BP20.0	1	1					
7	2	172B03-74760	BLOCK, 1	1	1					
8	2	26450-050122	BOLT, M5X 12	2	2					
9	1	172B03-76010	ELBOW, G1/4	1	1					
10	2	41851-000110	O-RING, P11.0 HNBR	1	1					
11	1	172458-76150	NIPPLE, ELBOW PF1/4	1	1					
12	2	24315-000110	O-RING, 1BP11.0	1	1					
13	1	172162-76181	JOINT ASSY, 1/4 T	1	1					
15	2	41851-000110	O-RING, P11.0 HNBR	1	1					
16	1	26013-080162	BOLT, M8X 16	2	2					

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

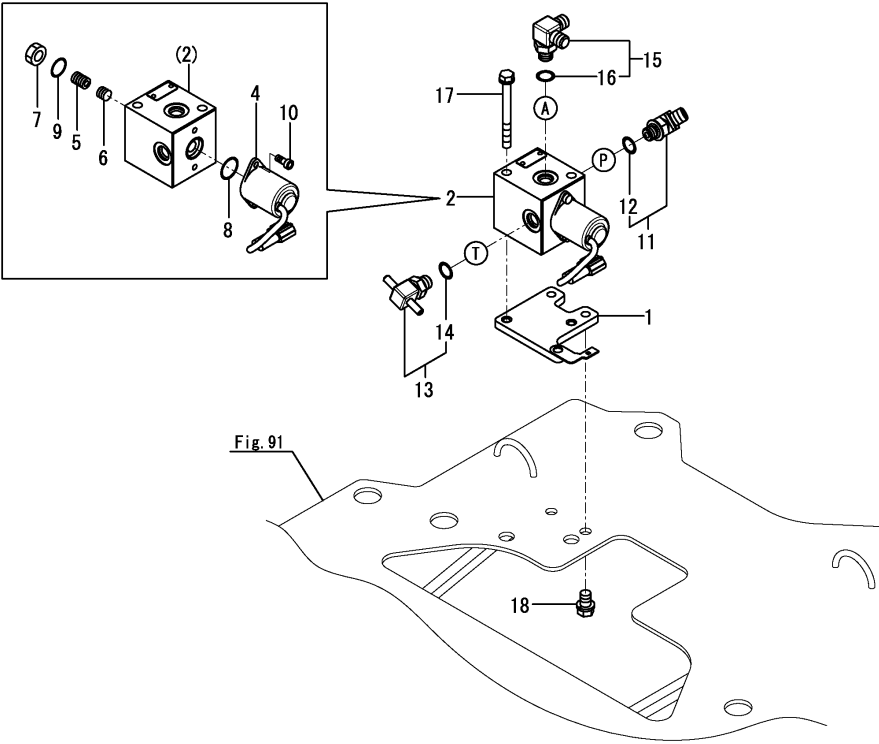


Fig. 91

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	1	172B36-74400	VALVE ASSY, SOLENOID	1	1						
4	2	172A81-74410	SOLENOID	1	1						
5	2	172A81-74420	SCREW	1	1						
6	2	172A81-74430	SPRING ASSY	1	1						
7	2	172A81-74440	NUT, LOCK	1	1						
8	2	172A81-74450	O-RING	1	1						
9	2	24315-000100	O-RING, 1BP10.0	1	1						
10	2	26450-050122	BOLT, M5X 12	2	2						
11	1	172173-76102	CONNECTOR ASSY	1	1						
12	2	41851-000110	O-RING, P11.0 HNBR	1	1						
13	1	172A47-76230	NIPPLE, TEE G1/4	1	1						
14	2	41851-000110	O-RING, P11.0 HNBR	1	1						
15	1	172491-76330	ELBOW,ADJUSTABLE 1/4	1	1						
16	2	24315-000110	O-RING, 1BP11.0	1	1						
17	1	26013-080802	BOLT, M8X 80	2	2						
18	1	26013-100162	BOLT, M10X 16	2	2						

Fig.112. REMOTE CONTROL VALVE(OPERATION)

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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						
2	1	172B11-74851	VALVE ASSY, R	1	1						
3	2	172441-74030	BOOT, RUBBER	1	1						
4	2	172441-74040	LEVER KIT	1	1						
5	2	172463-74530	JOINT KIT	1	1						
6	2	172463-74540	PLATE, RETAINING	1	1						
7	2	172463-74551	PLUNGER KIT	1	1						
8	2	172463-74561	REGULATION KIT	4	4						
9	2	172463-74570	SPRING KIT	1	1						
10	2	172B11-74861	HANDLE ASSY	1	1						
11	1	172B11-74901	VALVE ASSY,L	1	1						
12	2	172441-74030	BOOT, RUBBER	1	1						
13	2	172441-74040	LEVER KIT	1	1						
14	2	172463-74530	JOINT KIT	1	1						
15	2	172463-74540	PLATE, RETAINING	1	1						
16	2	172463-74551	PLUNGER KIT	1	1						
17	2	172463-74561	REGULATION KIT	4	4						
18	2	172463-74570	SPRING KIT	1	1						
19	2	172B11-74911	HANDLE ASSY	1	1						
20	1	172123-76121	ADAPTER, M/M PF1/4	10	10						
21	1	172455-76220	CONNECTOR, PF1/4	2	2						
22	1	26014-060162	BOLT, M6X 16	4	4						
23	1	26014-060162	BOLT, M6X 16	6	6						
24	1	41851-000110	O-RING, P11.0 HNBR	12	12						

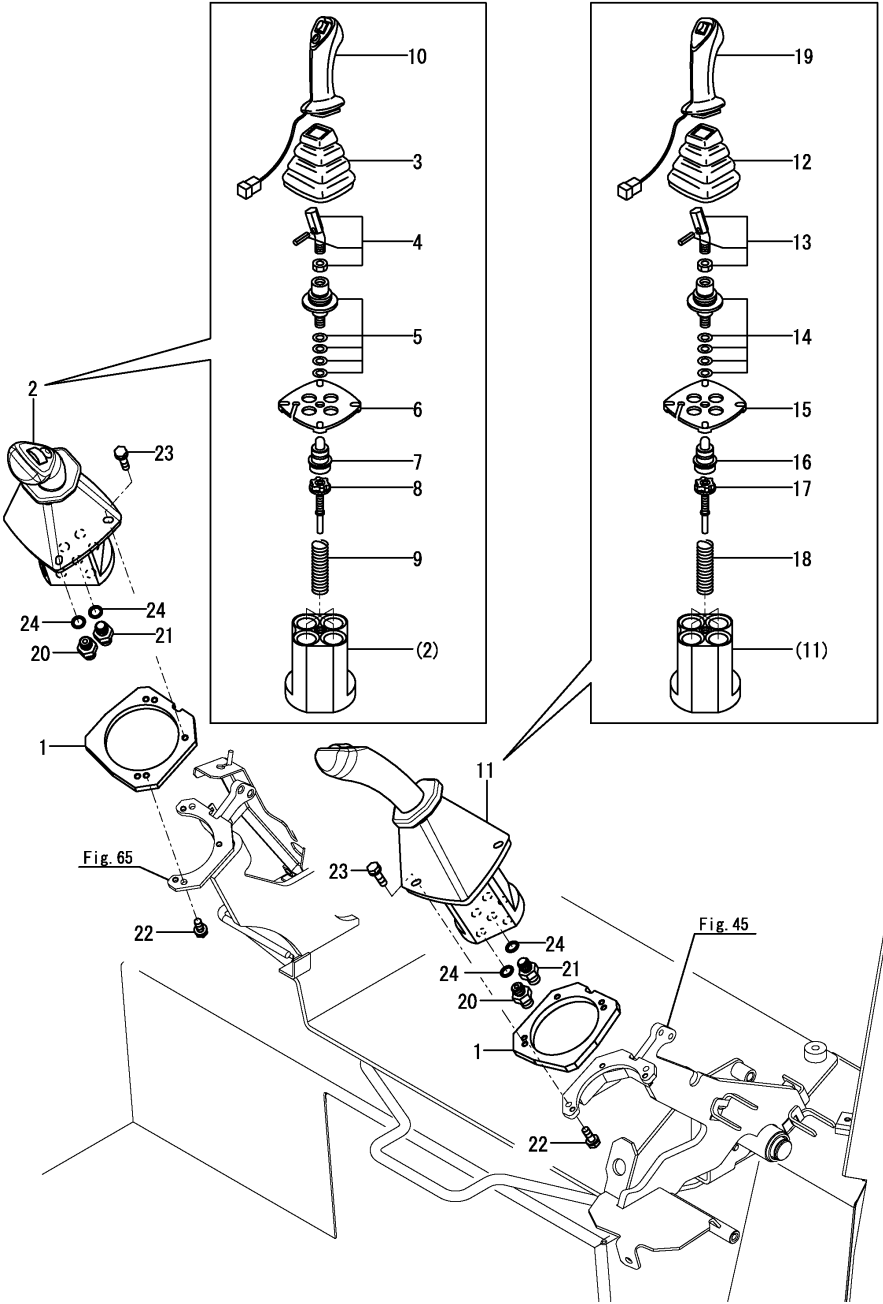
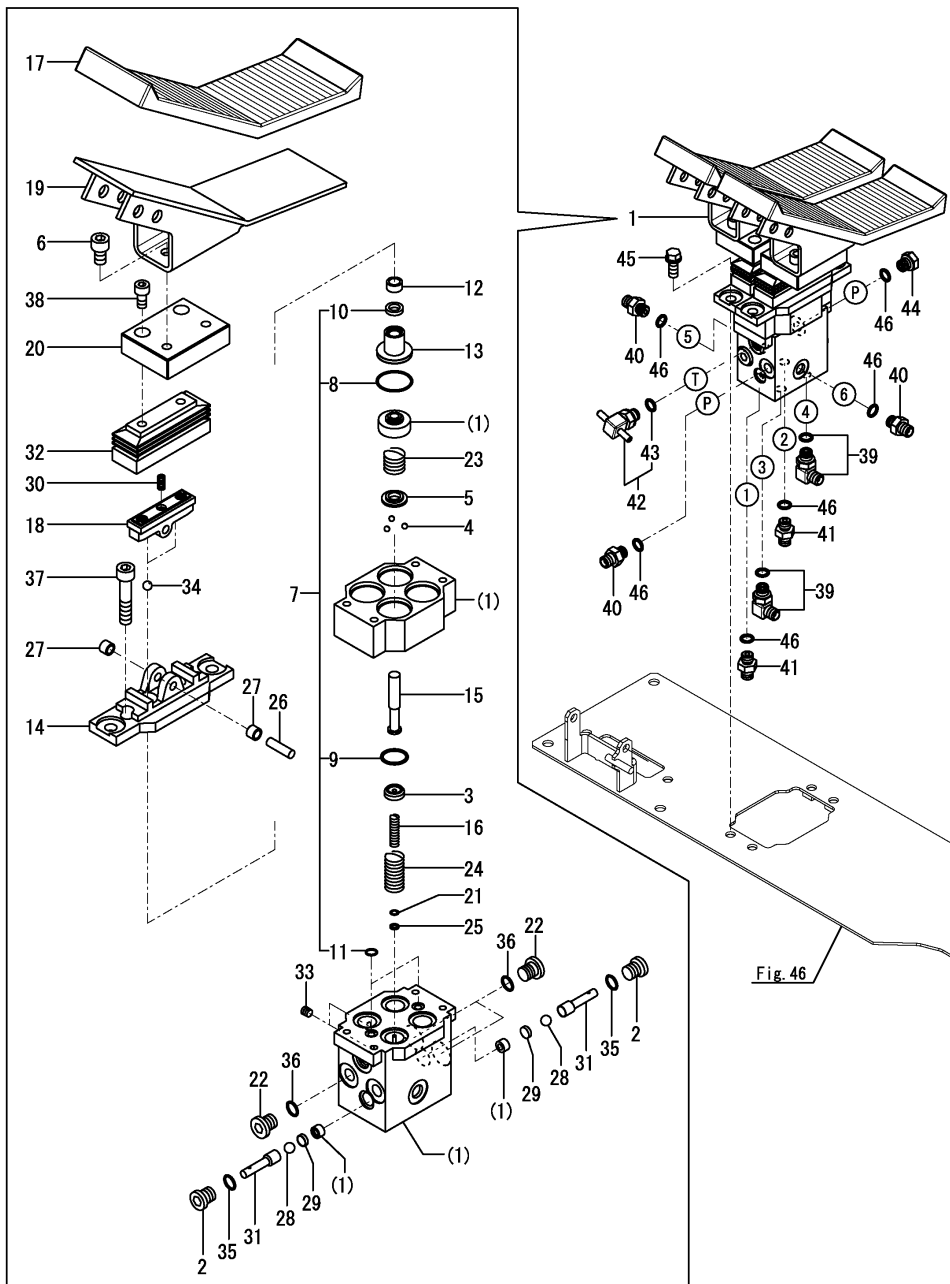


Fig.161. (112A)REMOTE CONTROL VALVE(TRAVEL)



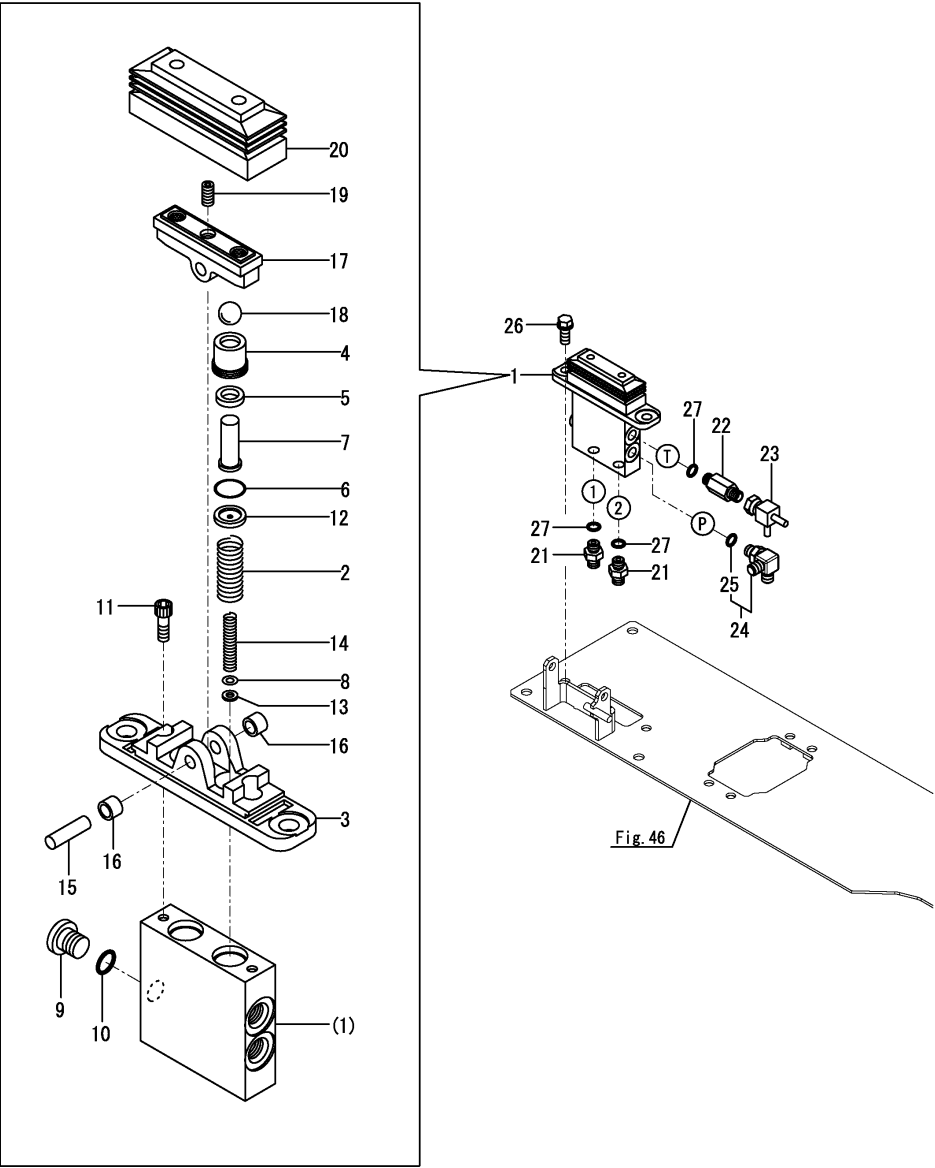
				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=					(D)= (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74900	VALVE ASSY,TRAVEL	1	1						
2	2	172B11-70200	PLUG, G1/8	2	2						
3	2	172A69-71300	SEAT, SPRING	4	4						
4	2	172A69-71310	BALL, STEEL	12	12						
5	2	172A69-71320	SEAT, SPRING	4	4						
6	2	172A69-71340	BOLT, 10X16	4	4						
7	2	172A69-71350	SEAL SET, SUB	1	1						
8	3	172A69-71360	O-RING, AS568-025	4	4						
9	3	172A69-71370	O-RING, AS568-020	4	4						
10	3	172A47-74730	PACKING	4	4						
11	3	24315-000080	O-RING, 1BP8.0	2	2						
12	2	172A69-71380	CUP, GREASE	4	4						
13	2	172A69-71390	PLUG	4	4						
14	2	172A69-71400	COVER	2	2						
15	2	172A89-74710	ROD, PUSH	4	4						
16	2	172A89-74720	SPRING	4	4						
17	2	172A69-74730	COVER, PEDAL	2	2						
18	2	172A89-74730	CAM	2	2						
19	2	172A69-74740	PEDAL	2	2						
20	2	172A69-74750	BLOCK	2	2						
21	2	172A47-74760	SHIM	4	4						
22	2	172A47-74770	PLUG, RO	3	3						
23	2	172A69-74770	SPRING	4	4						
24	2	172A69-74780	SPRING	4	4						
25	2	172A47-74810	WASHER	4	4						
26	2	172A47-74840	SHAFT, CAM	2	2						
27	2	172A47-74850	BUSH	4	4						
28	2	172B36-74860	BALL, STEEL	2	2						
29	2	172B36-74870	BUSH	2	2						
30	2	172A47-74880	SCREW, SETTING	2	2						
31	2	172B36-74880	SHEET	2	2						
32	2	172A47-74890	BELLOWS	2	2						
33	2	172455-77150	PLUG	6	6						
34	2	24190-100001	BALL, STEEL 5/16	4	4						
35	2	24315-000080	O-RING, 1BP8.0	2	2						
36	2	24315-000110	O-RING, 1BP11.0	3	3						
37	2	26450-060502	BOLT M 6X 50	4	4						
38	2	26450-080162	BOLT, M8X 16	4	4						
39	1	172A50-76110	ELBOW, 90 G1/4-1.0	2	2						
40	1	172123-76121	ADAPTER, M/M PF1/4	3	3						
41	1	172A47-76171	CONNECTOR, G1/4X0.6	2	2						
42	1	172A47-76230	NIPPLE, TEE G1/4	1	1						
43	2	41851-000110	O-RING, P11.0 HNBR	1	1						
44	1	172165-76590	PLUG, HEXAGON	1							Z
(A="2018.07)											
45	1	26013-100252	BOLT, M10X 25	4	4						
46	1	41851-000110	O-RING, P11.0 HNBR	6							
46-1	1	41851-000110	O-RING, P11.0 HNBR	5	5						K
(A="2018.07)											

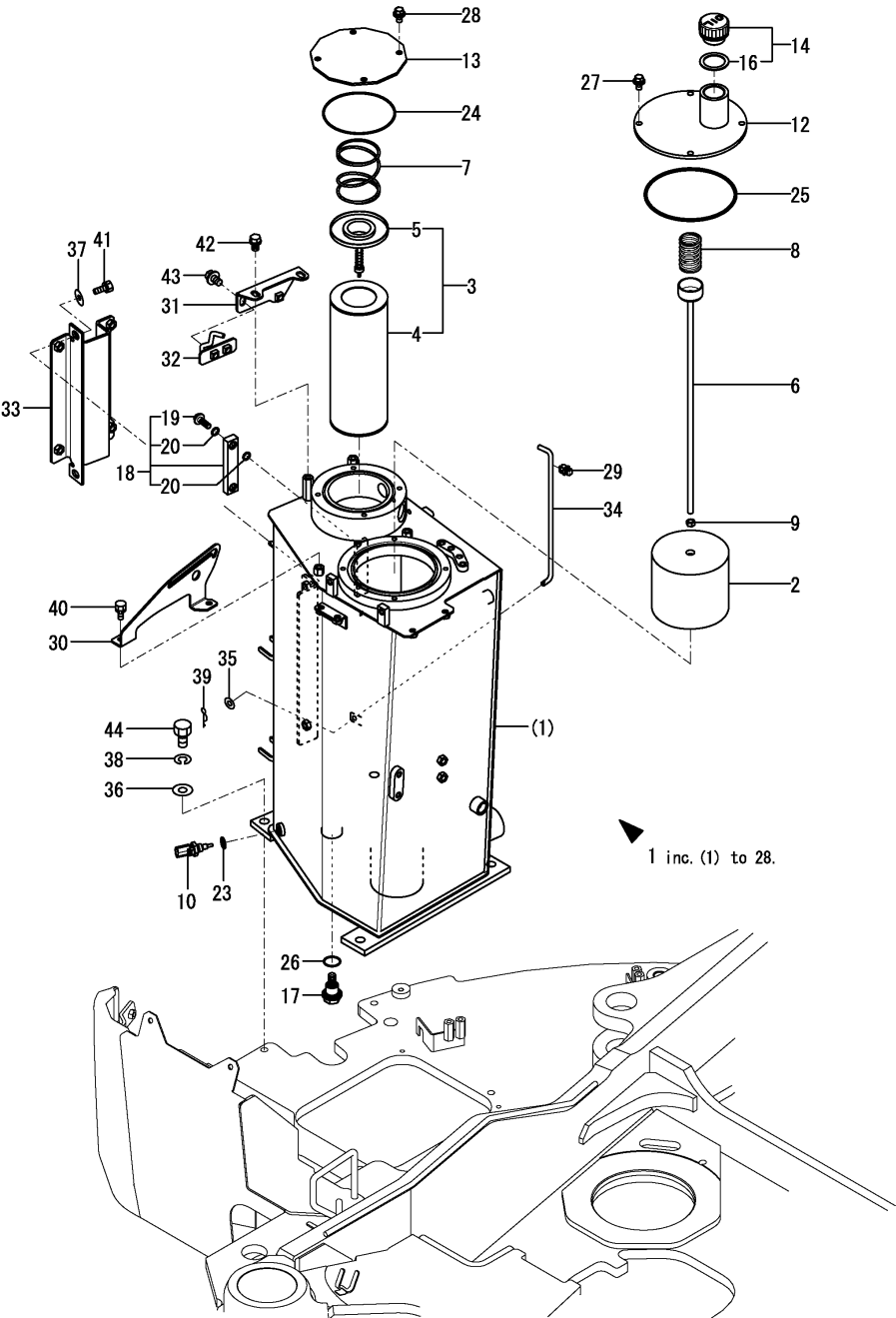
Fig.114. REMOTE CONTROL VALVE(SWING)

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

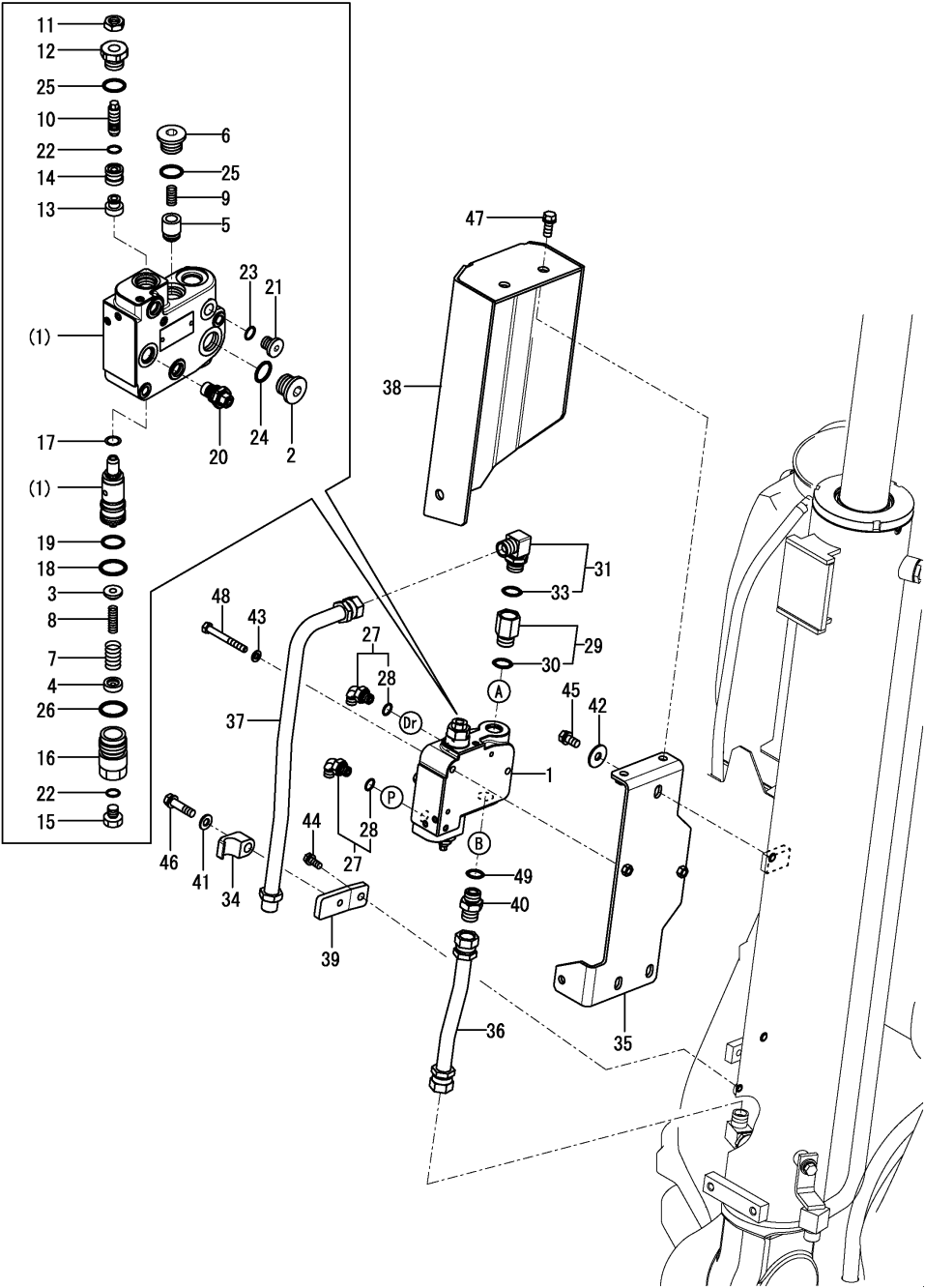
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74670	VALVE ASSY, REMO-CON	1	1						
2	2	172A69-74680	SPRING	2	2						
3	2	172A47-74710	COVER	1	1						
3-1	2	172A47-74090	COVER	1	1						N
		(A=*2025.08) (B=*2025.08)									
4	2	172A47-74720	PLUG	2	2						
5	2	172A47-74730	PACKING	2	2						
6	2	172A47-74740	O-RING	2	2						
7	2	172A47-74750	ROD, PUSH	2	2						
8	2	172A47-74760	SHIM	2	2						
9	2	172A47-74770	PLUG, RO	1	1						
9-1	2	172A47-74080	PLUG, ROH	1	1						N
		(A=*2025.08) (B=*2025.08)									
10	2	172A47-74780	O-RING	1	1						
11	2	172A47-74790	BOLT, HEX SOCKET	2	2						
11-1	2	172A47-74070	BOLT, HEX SOCKET	2	2						N
		(A=*2025.08) (B=*2025.08)									
12	2	172A47-74800	SEAT, SPRING	2	2						
13	2	172A47-74810	WASHER	2	2						
14	2	172A47-74820	SPRING	2	2						
15	2	172A47-74840	SHAFT, CAM	1	1						
16	2	172A47-74850	BUSH	2	2						
17	2	172A47-74860	CAM	1	1						
17-1	2	172A47-74060	CAM	1	1						N
		(A=*2025.08) (B=*2025.08)									
18	2	172A47-74870	BALL, STEEL	2	2						
19	2	172A47-74880	SCREW, SETTING	1	1						
20	2	172A47-74890	BELLOWS	1	1						
20-1	2	172A47-74050	BELLOWS	1	1						N
		(A=*2025.08) (B=*2025.08)									
21	1	172123-76121	ADAPTER, M/M PF1/4	2	2						
22	1	172183-76200	CONNECTOR, 1/4-1/4	1	1						
23	1	172A47-76320	NIPPLE, G1/4	1	1						
24	1	172491-76330	ELBOW, ADJUSTABLE 1/4	1	1						
25	2	24315-000110	O-RING, 1BP11.0	1	1						
26	1	26013-100252	BOLT, M10X 25	2	2						
27	1	41851-000110	O-RING, P11.0 HNBR	3	3						





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

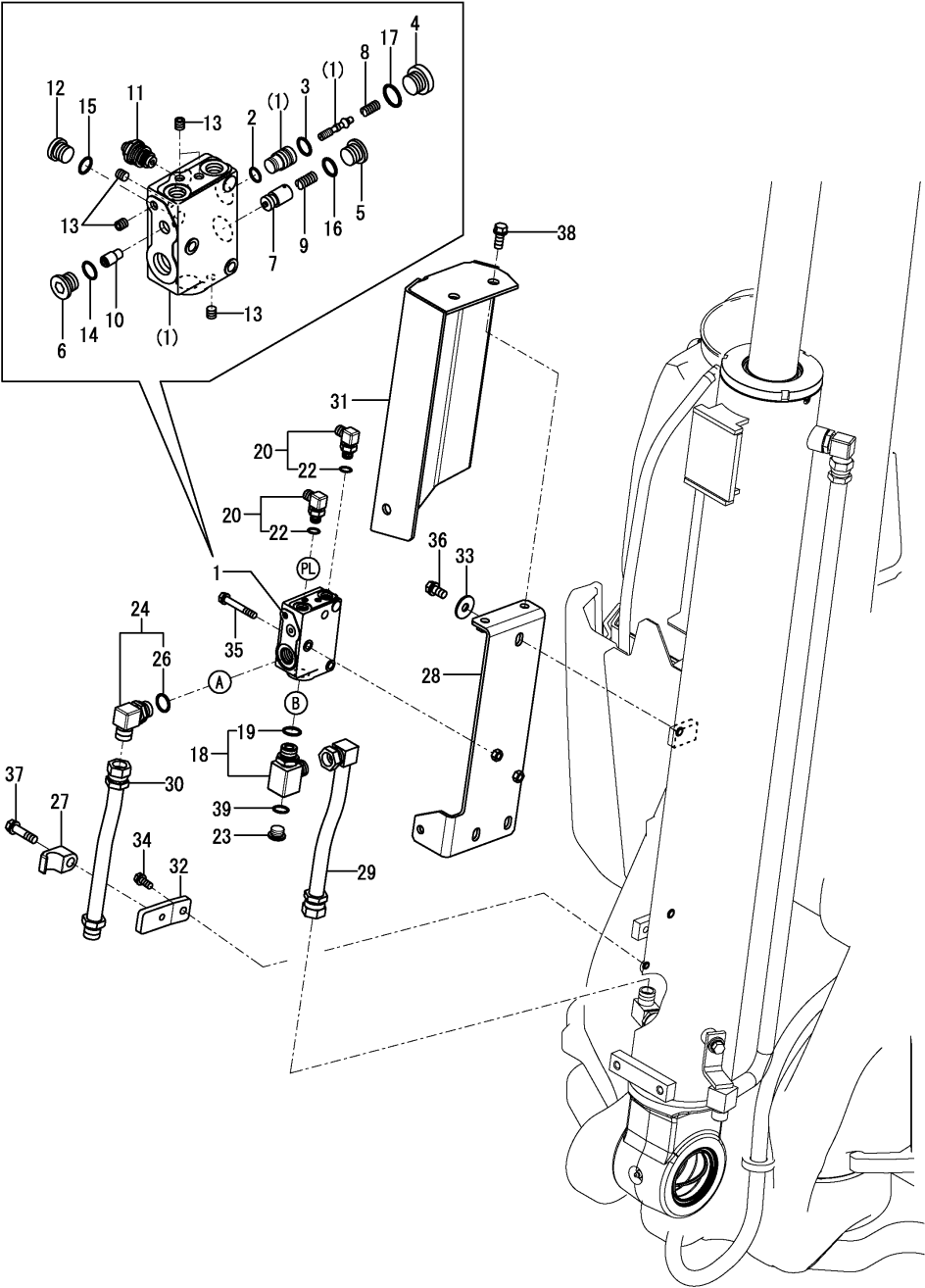


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-74560	VALVE ASSY, SAFETY B	1							
2	2	172B11-70190	PLUG, G1/2	1							
3	2	172B36-74430	SEAT, SPRING	1							
4	2	172B36-74440	SEAT, SPRING	1							
5	2	172B36-74450	VALVE, POPPET	1							
6	2	172A25-74460	PLUG	1							
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	172A55-77140	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, G1/4	2							
28	2	41851-000110	O-RING, P11.0 HNBR	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, 1/2L	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, PF1/2-1/2	1							
41	1	22137-100000	WASHER, 10	1							Z
(A=*2019.06)											
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							
46-1	1	26014-100402	BOLT, 10 X 40	1							N
(A=M00592)											
47	1	26014-100252	BOLT, M10X 25	3							
48	1	26076-080702	BOLT, 10.98X 70	2							
49	1	41851-000180	O-RING, P 18.0 HNBR	1							

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

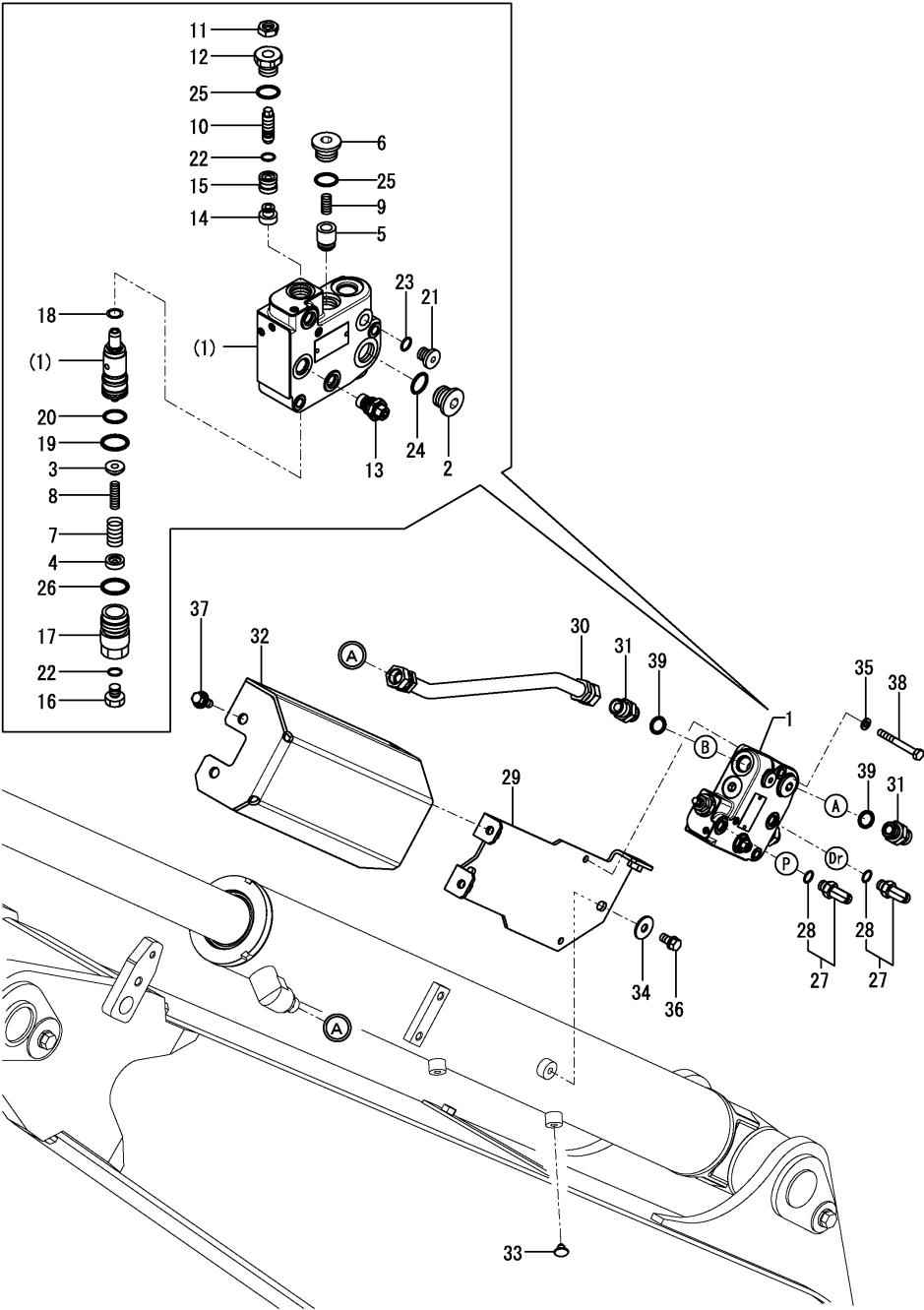
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74650	VALVE KIT, HOLDING		1						
2	2	172A25-74420	O-RING		1						
3	2	172A25-74430	O-RING		1						
4	2	172A25-74440	PLUG		1						
5	2	172A25-74450	PLUG		1						
6	2	172A25-74460	PLUG		1						
7	2	172A25-74470	POPPET		1						
8	2	172A25-74480	SPRING		1						
9	2	172A25-74490	SPRING		1						
10	2	172A25-74501	PISTON		1						
11	2	172A69-74660	VALVE,RELIEF 33		1						
12	2	172455-77140	PLUG		1						
13	2	172455-77150	PLUG		5						
14	2	24315-000100	O-RING, 1BP10.0		1						
15	2	24315-000110	O-RING, 1BP11.0		1						
16	2	24315-000140	O-RING, 1BP14.0		1						
17	2	24315-000160	O-RING, 1BP16.0		1						
18	1	172A25-76100	TEE, ADJUSTABLE		1						
19	2	24315-000180	O-RING, 1BP18.0		1						
20	1	172141-76181	CONNECTOR ASSY, 02FF		2						
22	2	41851-000110	O-RING, P11.0 HNBR		2						
23	1	172183-76180	PLUG, PF3/8		1						
24	1	172141-76900	CONNECTOR ASSY, 1/2L		1						
26	2	24315-000180	O-RING, 1BP18.0		1						
27	1	172142-76951-N	CLAMP, 1/2		1						
28	1	172A69-77100-N	BRACKET ASSY, BOOM H		1						
29	1	172A89-77150-N	TUBE ASSY, BOOM		1						
30	1	172A69-77180-N	TUBE ASSY, BOOM		1						
31	1	172A69-77200-N	COVER, BOOM		1						
32	1	172A69-77240	PLATE, CLAMP H		1						
33	1	22157-100000	WASHER, 10		3						
34	1	26013-080202	BOLT, M8X 20		1						
35	1	26013-080552	BOLT, M8X 55		2						
36	1	26013-100202	BOLT, M10X 20		3						
37	1	26014-100252	BOLT, M10X 25		3						
38	1	26014-100402	BOLT, M10X 40		1						
39	1	41851-000140	O-RING, P 14.0 HNBR		1						



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

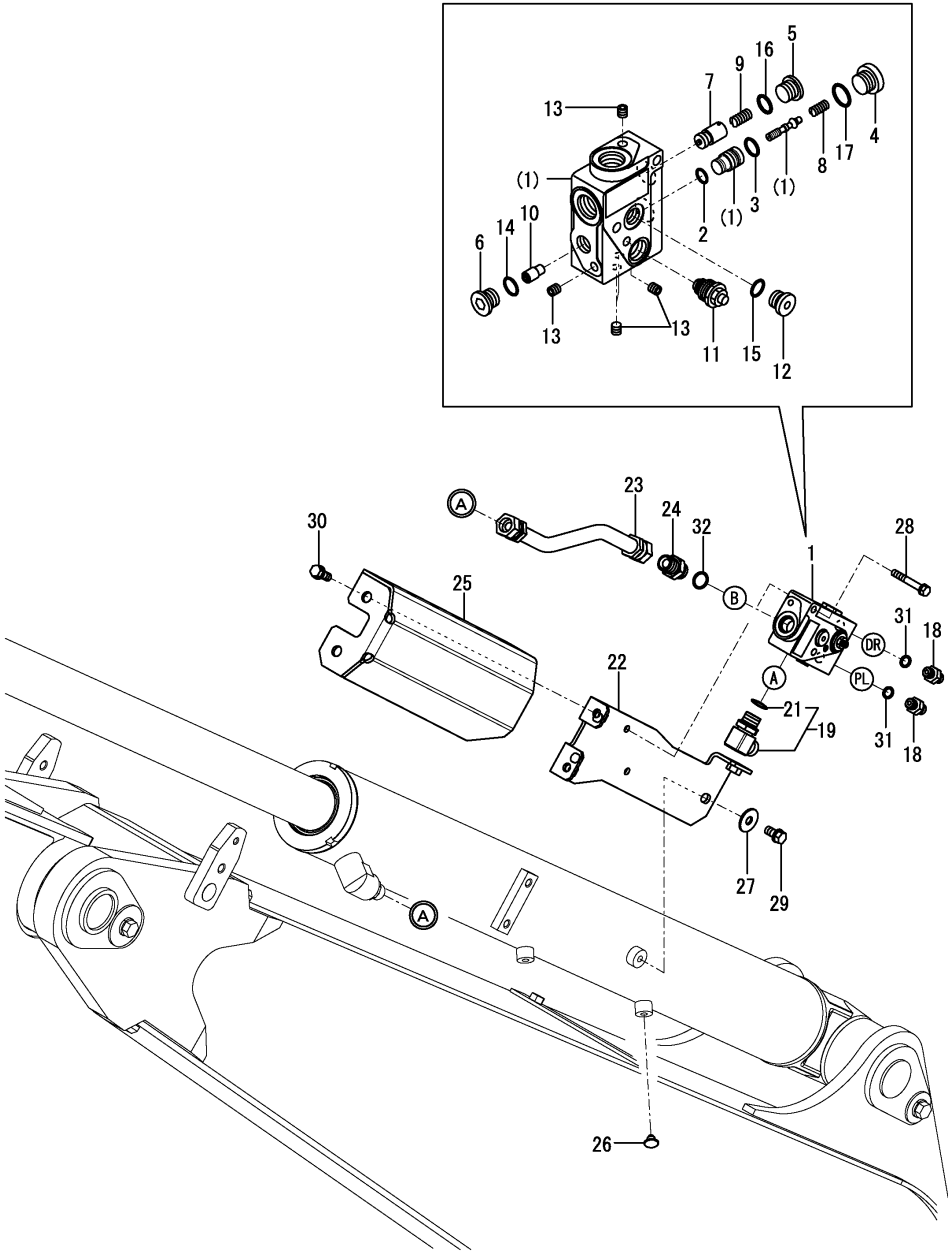
(D)=
(E)=
(F)=



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, G1/4	2							
28	2	41851-000110	O-RING, P11.0 HNBR	2							
29	1	172B36-77300	BRACKET ASSY, HDV AM	1							
30	1	172B36-77350	TUBE ASSY, ARM HDV	1							
31	1	172112-77361	CONNECTOR, PF1/2-1/2	2							
32	1	172B36-77400	COVER, HDV AM	1							
33	1	172183-81160	CLIP, TREE 9.5	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, P 18.0 HNBR	2							

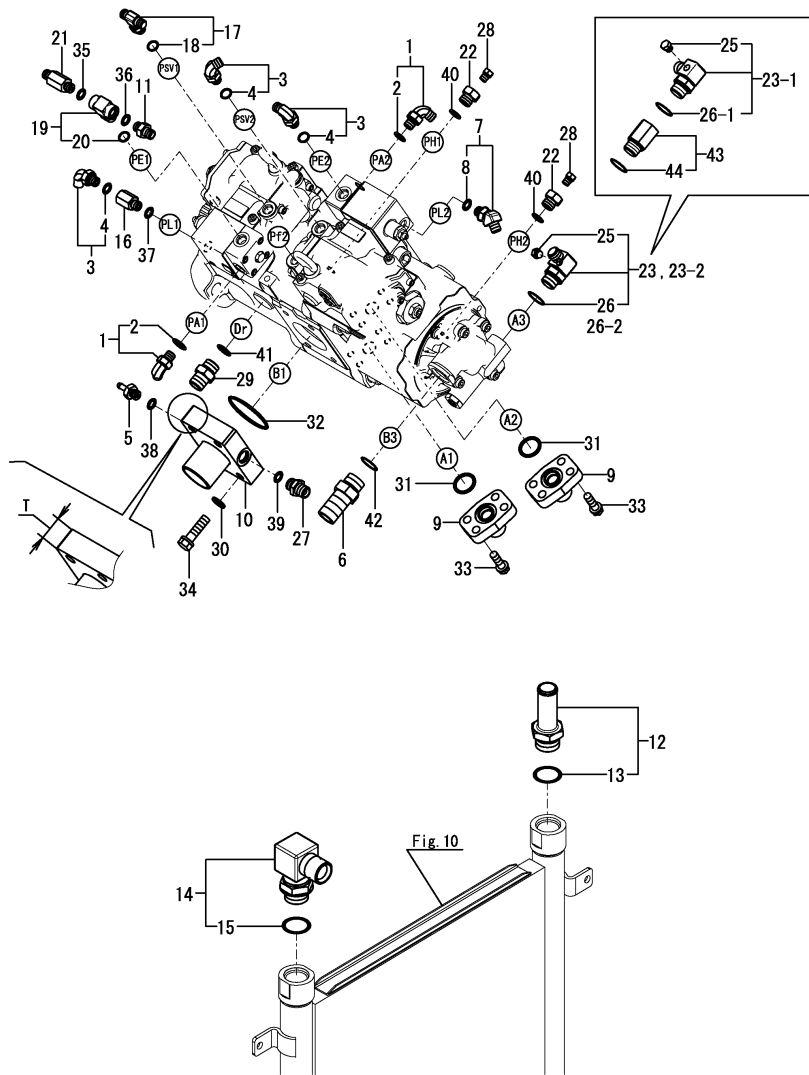
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-74650	VALVE KIT, HOLDING		1						
2	2	172A25-74420	O-RING		1						
3	2	172A25-74430	O-RING		1						
4	2	172A25-74440	PLUG		1						
5	2	172A25-74450	PLUG		1						
6	2	172A25-74460	PLUG		1						
7	2	172A25-74470	POPPET		1						
8	2	172A25-74480	SPRING		1						
9	2	172A25-74490	SPRING		1						
10	2	172A25-74501	PISTON		1						
11	2	172A69-74660	VALVE,RELIEF 33		1						
12	2	172455-77140	PLUG		1						
13	2	172455-77150	PLUG		5						
14	2	24315-000100	O-RING, 1BP10.0		1						
15	2	24315-000110	O-RING, 1BP11.0		1						
16	2	24315-000140	O-RING, 1BP14.0		1						
17	2	24315-000160	O-RING, 1BP16.0		1						
18	1	172123-76121	ADAPTER, M/M PF1/4		2						
19	1	172141-76900	CONNECTOR ASSY, 1/2L		1						
21	2	24315-000180	O-RING, 1BP18.0		1						
22	1	172A69-77300-N	BRACKET ASSY, ARM H		1						
23	1	172A69-77350-N	TUBE ASSY, ARM		1						
24	1	172112-77361	CONNECTOR, PF1/2-1/2		1						
25	1	172A69-77400-N	COVER, ARM		1						
26	1	172183-81160	CLIP, TREE 9.5		1						
27	1	22157-100000	WASHER, 10		3						
28	1	26013-080552	BOLT, M8X 55		2						
29	1	26013-100202	BOLT, M10X 20		3						
30	1	26014-100252	BOLT, M10X 25		3						
31	1	41851-000110	O-RING, P11.0 HNBR		2						
32	1	41851-000180	O-RING, P 18.0 HNBR		1						

Fig.118. PUMP & OIL COOLER(FITTING)



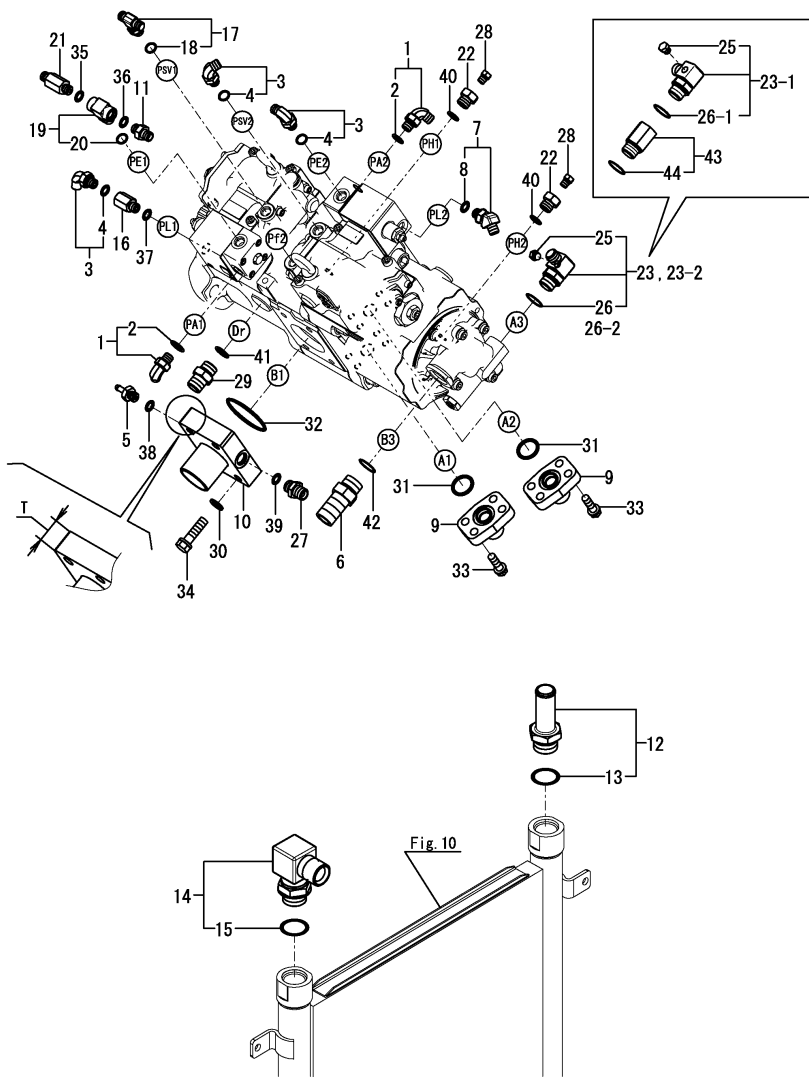
(1)T=No.10 : 28mm, No.10-1 : 10mm.
Interchangeable by simultaneous replacement with No.34-1.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	2	2						
2	2	41851-000110	O-RING, P11.0 HNBR	2	2						
3	1	172B03-76010	ELBOW, G1/4	3	3						
4	2	41851-000110	O-RING, P11.0 HNBR	3	3						
5	1	172B03-76080	NIPPLE, G1/4	1	1						
6	1	172142-76100	CONNECTOR, PF3/4	1	1						
7	1	172173-76102	CONNECTOR ASSY	1	1						
8	2	41851-000110	O-RING, P11.0 HNBR	1	1						
9	1	172649-76110	NIPPLE, FLANGE	2	2						
9-1	1	172B36-76020	FLANGE, PUMP	2	2						N
	(A=M00644)	(B=M00644)									
10	1	172B12-76110	FLANGE ASSY	1	1						
10-1	1	172B36-76030	FLANGE, PUMP	1	1						S 1
	(A=M00652)	(B=M00652)									
11	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
12	1	172A69-76120	NIPPLE, G1	1	1						
13	2	172A65-76790	O-RING, P29.0 HNBR	1	1						
14	1	172A89-76130	ELBOW, 90 G1	1	1						
15	2	24315-000290	O-RING, 1BP29.0	1	1						
16	1	172422-76140	CONNECTOR, PF1/4	1	1						
17	1	172187-76170	TEE, ADJUSTABLE	1	1						
18	2	24315-000110	O-RING, 1BP11.0	1	1						
19	1	172B36-76180	TEE, G1/4	1	1						
20	2	24315-000110	O-RING, 1BP11.0	1	1						
21	1	172183-76200	CONNECTOR, 1/4-1/4	1	1						
22	1	172B36-76280	ADAPTER, G3/8-RC1/8	2	2						
23	1	172A23-76301	ELBOW ASSY, 3/8-1/2	1	1						
23-1	1	172653-76220	ELBOW ASSY, 3/8-1/2	1	1						R
	(A=M00724)	(B=M00724)									
23-2	1	172A23-76301	ELBOW ASSY, 3/8-1/2	1	1						S
	(A=M00753)	(B=M00753M00)									
25	2	172460-76570	PLUG, SCREW	1	1						
26	2	41851-000180	O-RING, P 18.0 HNBR	1	1						
26-1	2	24315-000180	O-RING, 1BP18.0	1	1						N
	(A=M00724)	(B=M00724)									
26-2	2	41851-000180	O-RING, P 18.0 HNBR	1	1						S
	(A=M00753)	(B=M00753)									
27	1	172186-76410	ADAPTER, M/M	1	1						
28	1	172460-76570	PLUG, SCREW	2	2						
29	1	172112-77361	CONNECTOR, PF1/2-1/2	1	1						
30	1	22117-120000	WASHER, 12	4	4						
31	1	24311-000260	O-RING, 1AP26.0	2	2						
32	1	24325-000650	O-RING, 1BG65.0	1	1						
33	1	26013-100352	BOLT, M10X 35	8	8						
34	1	26013-120452	BOLT, M12X 45	4	4						
34-1	1	26013-120302	BOLT, M12X 30	4	4						S
	(A=M00652)	(B=M00652)									
35	1	41851-000110	O-RING, P11.0 HNBR	1	1						
36	1	41851-000110	O-RING, P11.0 HNBR	1	1						
37	1	41851-000110	O-RING, P11.0 HNBR	1	1						
38	1	41851-000110	O-RING, P11.0 HNBR	1	1						

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.118. PUMP & OIL COOLER(FITTING)



(1)T=No.10 : 28mm, No.10-1 : 10mm.
Interchangeable by simultaneous replacement with No.34-1.

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

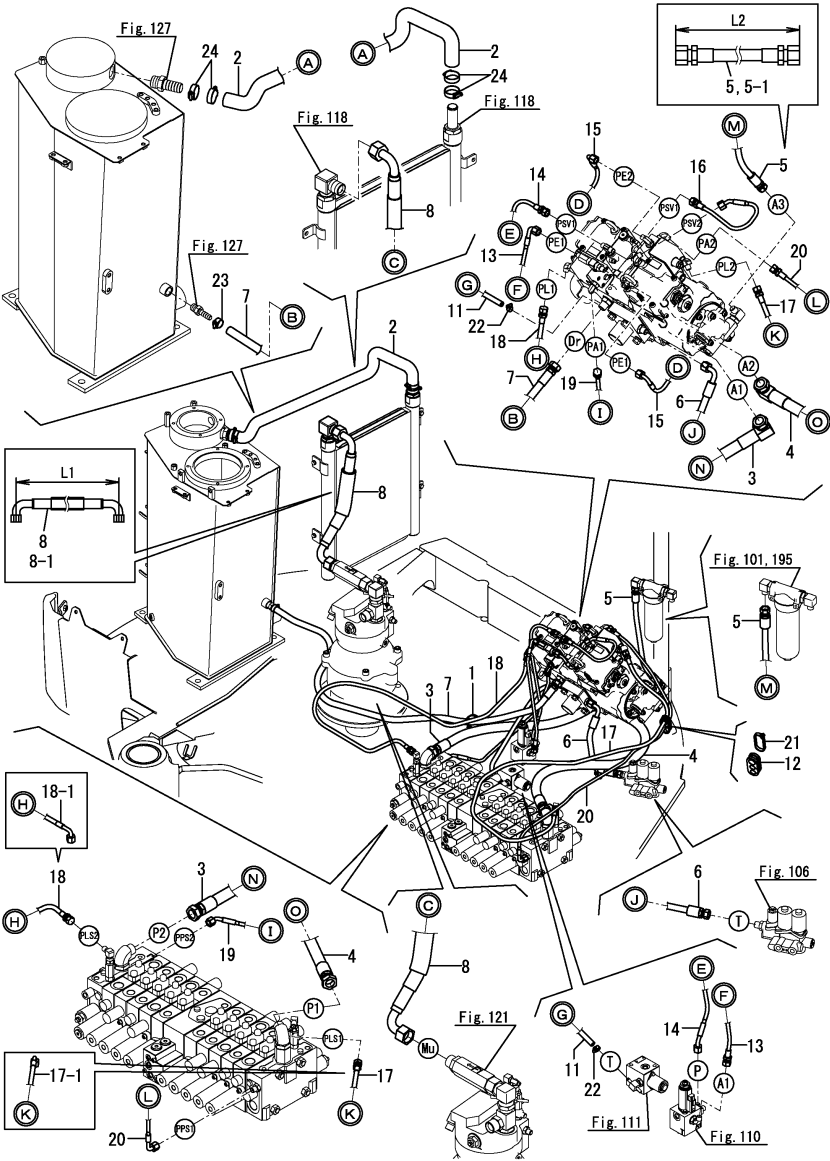
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
39	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
40	1	41851-000140	O-RING, P 14.0 HNBR	2	2						
41	1	41851-000180	O-RING, P 18.0 HNBR	1	1						
42	1	41851-000240	O-RING, P 24.0 HNBR	1	1						
43	1	172531-76150	ADAPTER, G1/2-1/2	1	1						W
		(A=M00724)	(B=M00724)								
43-1	1	172531-76150	ADAPTER, G1/2-1/2	1	1						Z
		(A=M00753)	(B=M00753)								
44	2	24315-000180	O-RING, 1BP18.0	1	1						W
		(A=M00724)	(B=M00724)								
44-1	2	24315-000180	O-RING, 1BP18.0	1	1						Z
		(A=M00753)	(B=M00753)								

Fig.119. PUMP - CONTROL VALVE - OIL COOLER

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

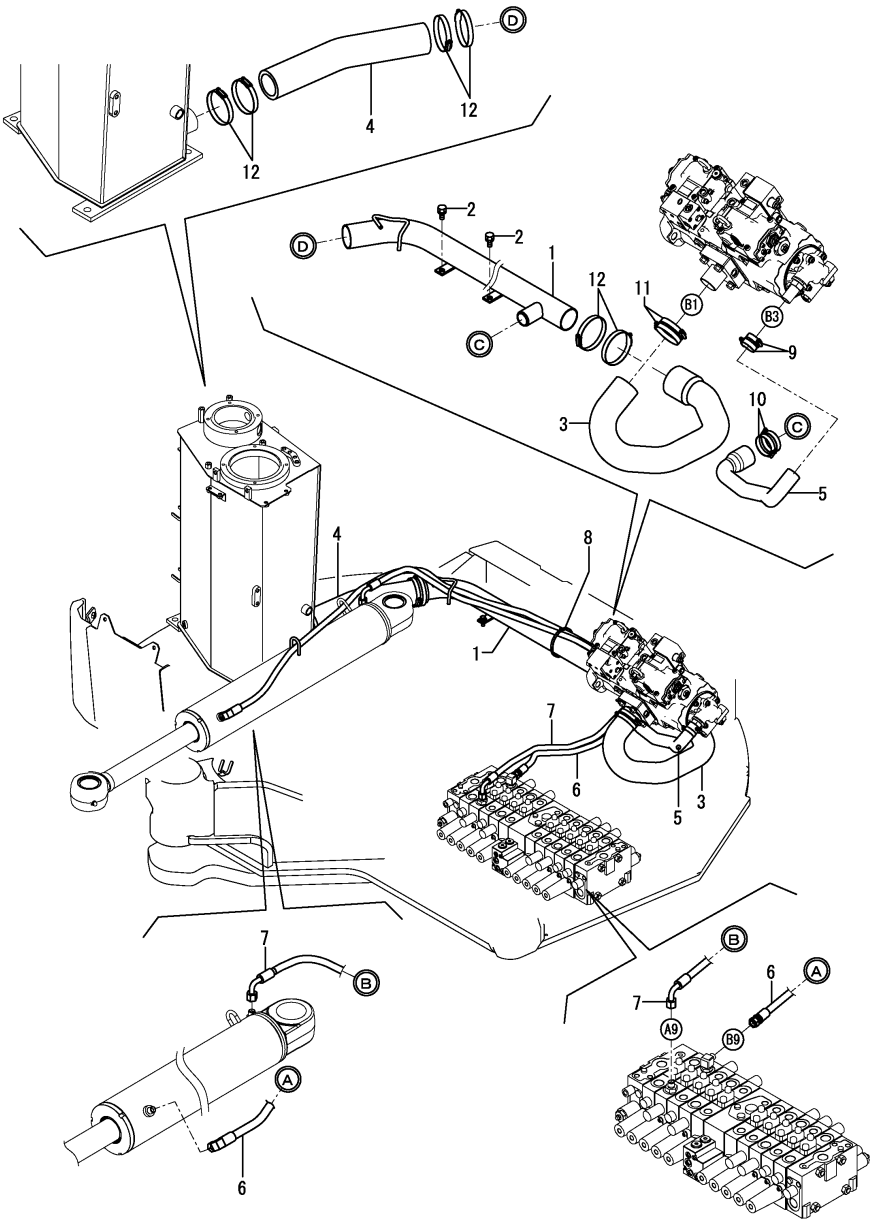
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1	1						
2	1	172B11-78130	HOSE, 25.4	1	1						
3	1	172B36-78160	HOSE, H112BV079R	1	1						
4	1	172B36-78170	HOSE, H112BV097R	1	1						
5	1	172B36-78180	HOSE, H606BB042S	1	1						
5-1	1	172B62-78300	HOSE, H606BB056	1	1					S	2
(A=M00753) (B=M00753)											
6	1	172B36-78200	HOSE, G606BC032S	1	1						
7	1	172B36-78210	HOSE, G608BY135S	1	1						
8	1	172B36-78240	HOSE, G616CC040	1	1						
8-1	1	172B62-78130	HOSE, H616CC044	1	1					S	1
(A=M00704) (B=M00684)											
11	1	172B36-78960	HOSE, G804YY053S	1	1						
12	1	172B36-79050	RUBBER, CLAMP	1	1						
13	1	172B03-79230	HOSE, F403BC041S	1	1						
14	1	172B36-79530	HOSE, F403BE052S	1	1						
15	1	172B36-79550	HOSE, F403CC025	1	1						
16	1	172B36-79560	HOSE, H603BE033	1	1						
17	1	172B36-79570	HOSE, H106BB160S	1	1						
17-1	1	172B62-78570	HOSE, H106BC160S	1	1					S	
(A=M00768) (B=M00768)											
18	1	172B36-79570	HOSE, H106BB160S	1	1						
18-1	1	172B62-78570	HOSE, H106BC160S	1	1					S	
(A=M00768) (B=M00768)											
19	1	172B36-79590	HOSE, H104BE080S	1	1						
20	1	172B36-79600	HOSE, H104BC130S	1	1						
21	1	172122-79930	CLAMP, HOSE B	1	1						
22	1	23000-013000	CLAMP, 13	2	2						
23	1	23001-022000	CLAMP, HOSE 22	1	1						
24	1	23001-041000	CLAMP, HOSE 41	4	4						

Remarks
* Fitting(hydraulic pump) is shown in Fig.118.
* Fitting(control valve) is shown in Fig.123 & 177(123A).
(1)L1=No.8 : 400mm, No.8-1 : 440mm.
Interchangeable by simultaneous replacement with Fig.121 No.9-1, 16-1, 21-1 & 28-1.
(2)L2=No.5 : 420mm, No.5-1 : 560mm.

Fig.120. TANK - PUMP & SWING CYLINDER



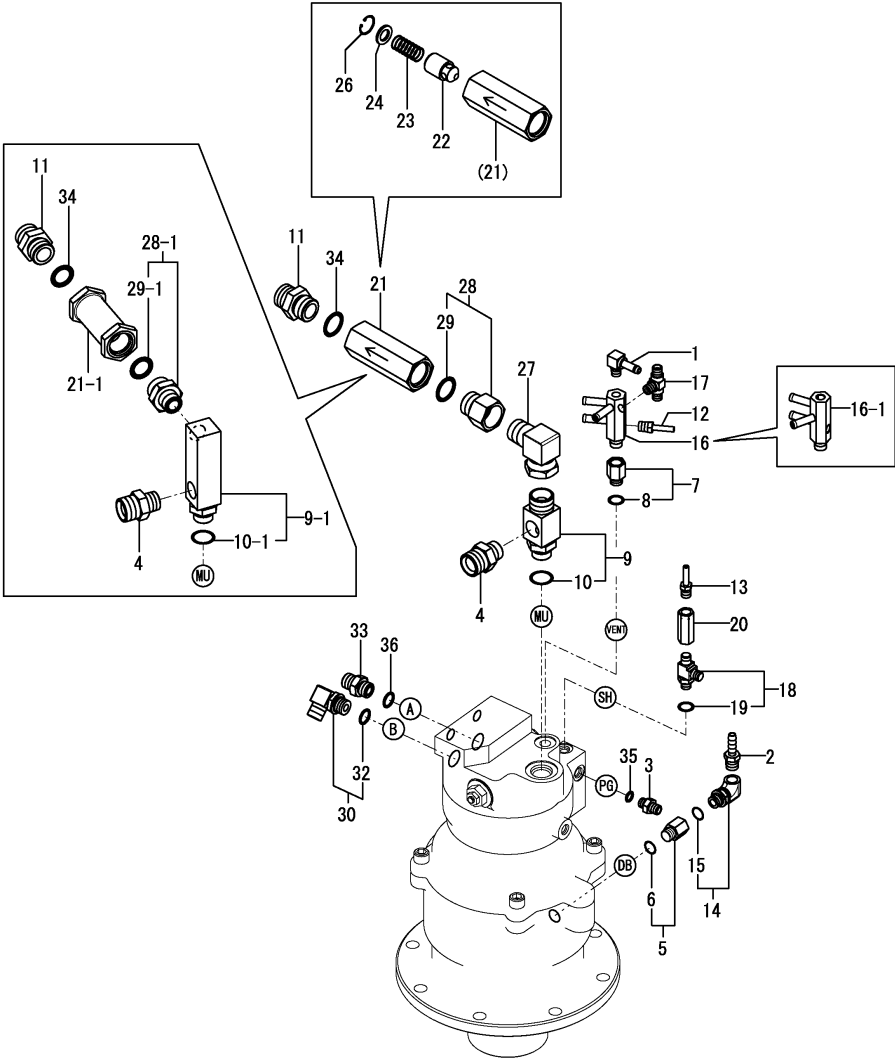
Remarks
* Fitting(hydraulic pump) is shown in Fig.118.
* Fitting(control valve) is shown in Fig.123 & 177(123A).

(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	1	26014-100252	BOLT, M10X 25	2	2						
3	1	172B36-78100	HOSE, 59 A	1	1						
4	1	172A69-78110	HOSE, 59 B	1	1						
5	1	172B36-78150	HOSE, 25.4X39.5	1	1						
6	1	172B36-78380	HOSE, H106BV275S	1	1						
7	1	172B36-78390	HOSE, H106CC214S	1	1						
8	1	172A69-79890	CLIP, HOSE	1	1						
9	1	23001-041000	CLAMP, HOSE 41	2	2						
10	1	23001-054000	CLAMP, HOSE 54	2	2						
11	1	23001-070000	CLAMP, HOSE 70	2	2						
12	1	23001-090000	CLAMP, HOSE 90	6	6						

Fig.121. TURNING MOTOR(FITTING)



Remarks
(1)Interchangeable by simultaneous replacement with No.9-1, 16-1, 21-1, 28-1 & Fig.119 No.8-1.

							OCK50-M01331 Fig.121					
							(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty	(C)	(D)	(E)	(F)	I	R
1	1	172155-11120	ELBOW, 1/4X3/8	1	1							
2	1	172137-76110	NIPPLE, 3/8	1	1							
3	1	172123-76121	ADAPTER, M/M PF1/4	1	1							
4	1	172187-76131	CONNECTOR, PF3/4X3/4	1	1							
5	1	172A52-76130	ADAPTER, G3/8	1	1							
6	2	24315-000140	O-RING, 1BP14.0	1	1							
7	1	172A69-76140	ADAPTER, M/F 3/8	1	1							
8	2	41851-000140	O-RING, P 14.0 HNBR	1	1							
9	1	172B36-76140	CONNECTOR ASSY, 3WAY	1	1							
9-1	1	172B62-76140	CONNECTOR ASSY, 3WAY	1	1						S	1
(A=*2019.05) (B=*2019.05)												
10	2	24315-000240	O-RING, 1BP24.0	1	1						Z	
(A=*2019.05) (B=*2019.05)												
10-1	2	41851-000240	PACKING, 24.0	1	1						W	
(A=*2019.06) (B=*2019.06)												
11	1	172499-76170	JOINT, G1-1	1	1							
12	1	172141-76220	NIPPLE, 02	1	1							
13	1	172141-76220	NIPPLE, 02	1	1							
14	1	172499-76300	ELBOW, 3/8 W/FILTER	1	1							
15	2	24315-000140	O-RING, 1BP14.0	1	1							
16	1	172499-76311	JOINT, 3/8	1	1							
16-1	1	172B62-76310	BLOCK, DRAIN	1	1						S	1
(A=*2019.05) (B=*2019.05)												
17	1	172162-76320	CONNECTOR, 3X1/4	1	1							
18	1	172B36-76320	CONNECTOR ASSY,4WAY	1	1							
19	2	24315-000110	O-RING, 1BP11.0	1	1							
20	1	172499-76351	VALVE ASSY, CHECK	1	1							
21	1	172B36-76370	VALVE ASSY, CHECK	1	1							
21-1	1	172B62-76370	VALVE ASSY, CHECK	1	1						S	1
(A=*2019.05) (B=*2019.05)												
22	2	172B36-76380	PLUNGER	1	1						Z	
(A=*2019.05) (B=*2019.05)												
23	2	172B36-76390	SPRING	1	1						Z	
(A=*2019.05) (B=*2019.05)												
24	2	172B36-76400	PLATE, WASHER	1	1						Z	
(A=*2019.05) (B=*2019.05)												
26	2	172B36-76420	RING, SNAP	1	1						Z	
(A=*2019.05) (B=*2019.05)												
27	1	172B36-76550	ELBOW, 90 G1-R1	1	1						Z	
(A=*2019.05) (B=*2019.05)												
28	1	172B36-76560	ADAPTER, G1-RC1	1	1							
28-1	1	172B62-76200	CONNECTOR, G1-R3/4	1	1						S	1
(A=*2019.05) (B=*2019.05)												
29	2	24315-000290	O-RING, 1BP29.0	1	1						Z	
(A=*2019.05) (B=*2019.05)												
29-1	2	172A65-76790	PACKING,29.0	1	1						W	
(A=*2019.06) (B=*2019.06)												
30	1	172141-76900	CONNECTOR ASSY, 1/2L	1	1							
32	2	24315-000180	O-RING, 1BP18.0	1	1							
33	1	172112-77361	CONNECTOR, PF1/2-1/2	1	1							
34	1	24315-000290	O-RING, 1BP29.0	1	1							

N:Old

Yes

No

New

Q:Old

Yes

No

New

R:Old

Yes

No

New

S:Old

Yes

No

New

W:Add

Z:Discontinued

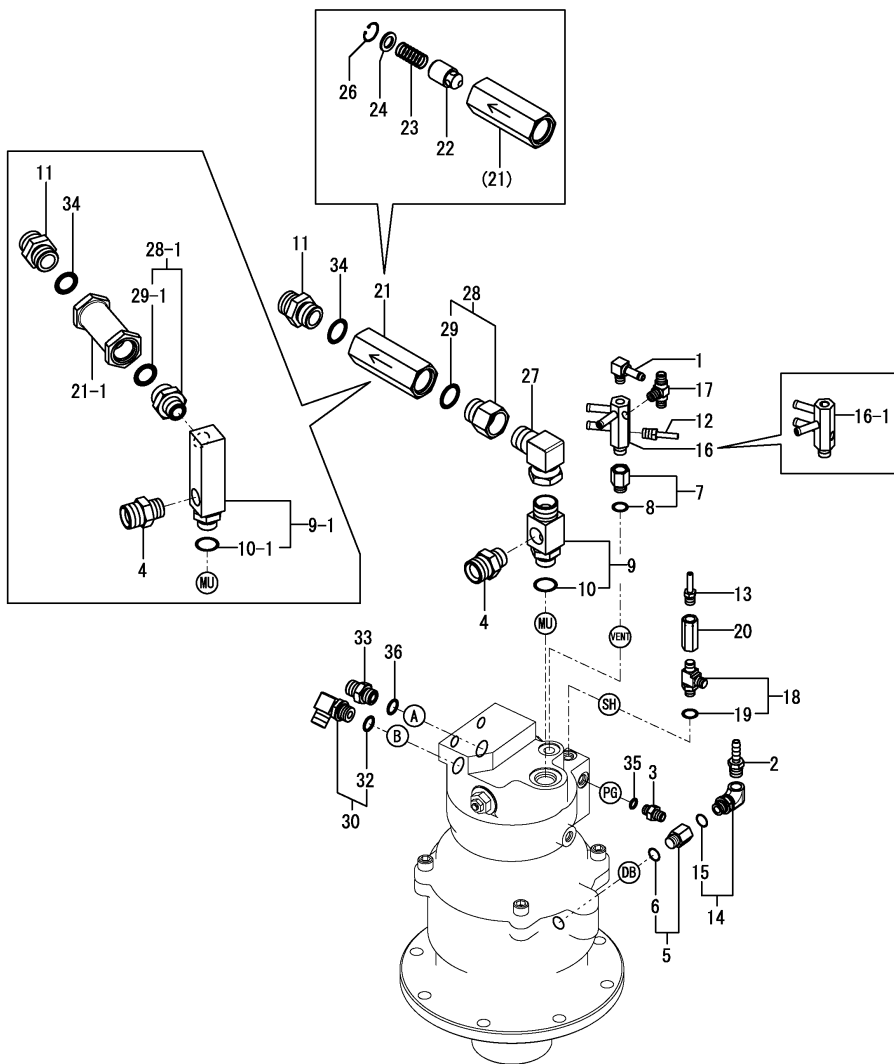
F:Interchangeable by set

K:Q'ty Change

++ CONTINUE ++

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Fig.121. TURNING MOTOR(FITTING)

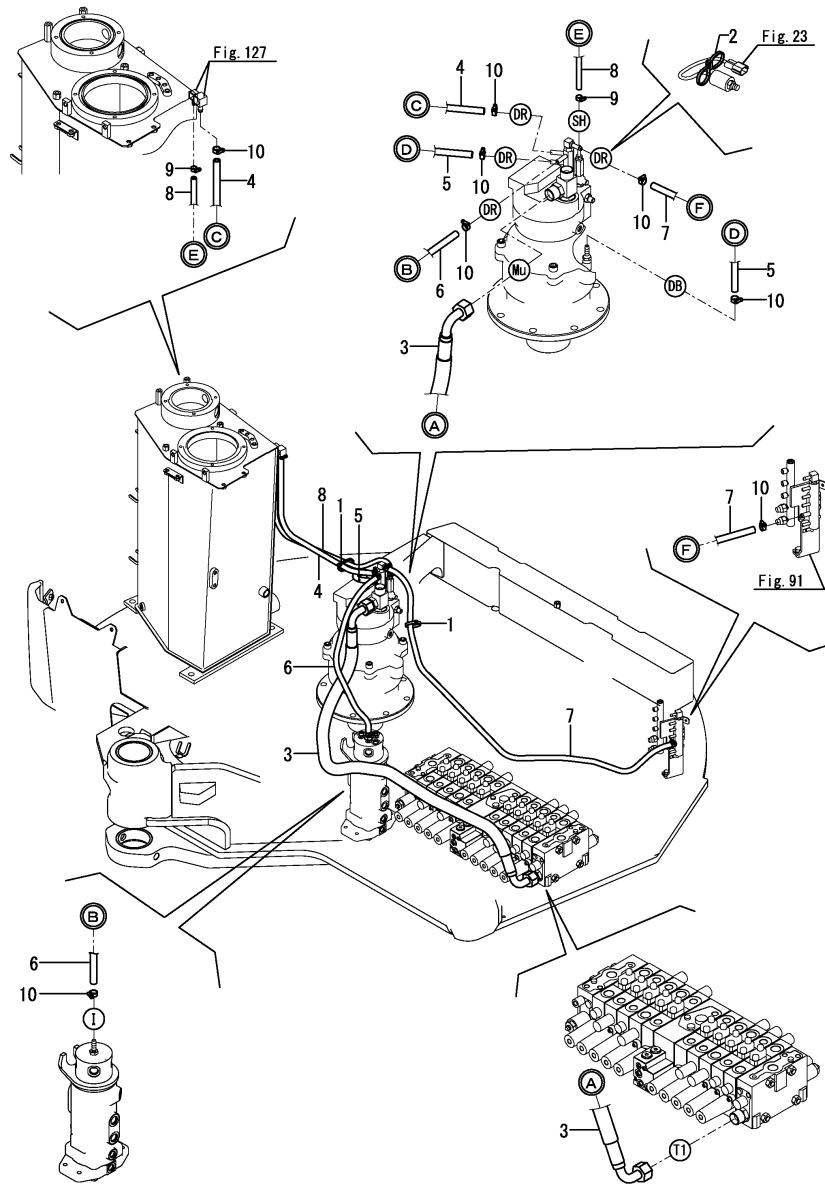


No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35	1	41851-000110	O-RING, P11.0 HNBR	1	1						
36	1	41851-000180	O-RING, P 18.0 HNBR	1	1						

(1) Interchangeable by simultaneous replacement with No.9-1, 16-1, 21-1, 28-1 & Fig.119 No.8-1.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.122. CONTROL VALVE - TURNING MOTOR



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

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

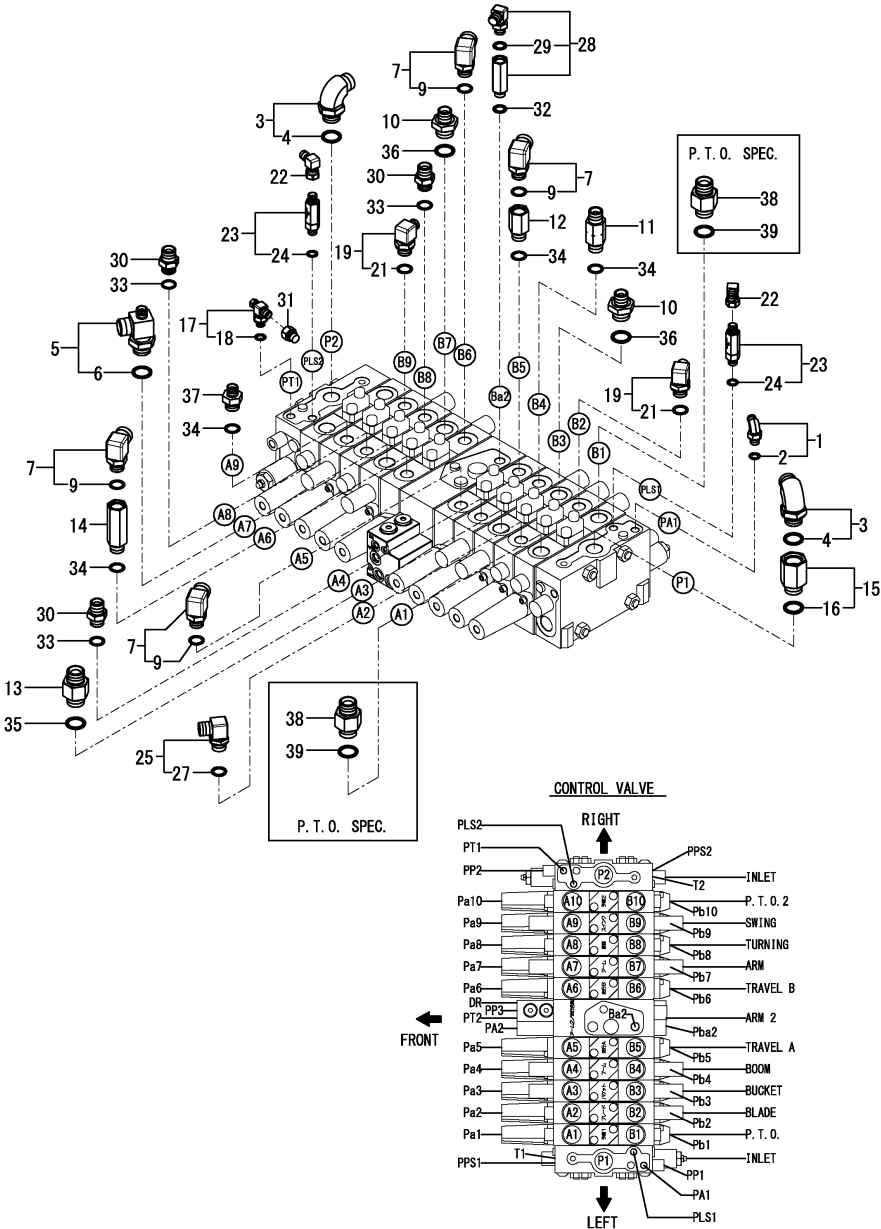
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2	2						
2	1	172137-16560	BAND, BINDING W	1	1						
3	1	172A69-78230	HOSE, G616CC159S	1	1						
4	1	172A69-78250	HOSE, G806YY075	1	1						
5	1	172A69-78261	HOSE, G806YY060S	1	1						
6	1	172A69-78261	HOSE, G806YY060S	1	1						
7	1	172A69-78270	HOSE, G806YY140	1	1						
8	1	172B36-78280	HOSE, G804YY088	1	1						
9	1	23000-013000	CLAMP, 13	2	2						
10	1	23001-016000	CLAMP, HOSE 16	8	8						

Remarks
* Fitting(turning motor) is shown in Fig.121.
* Fitting(control valve) is shown in Fig.123 & 177(123A).

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

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

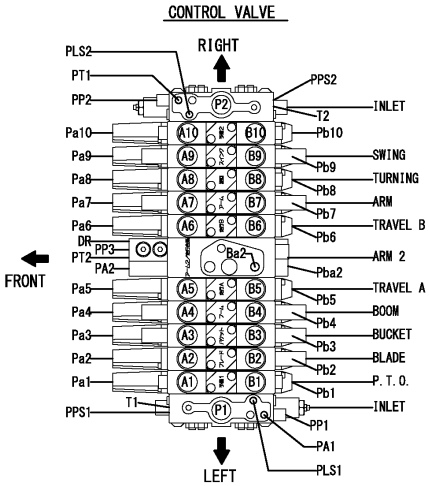
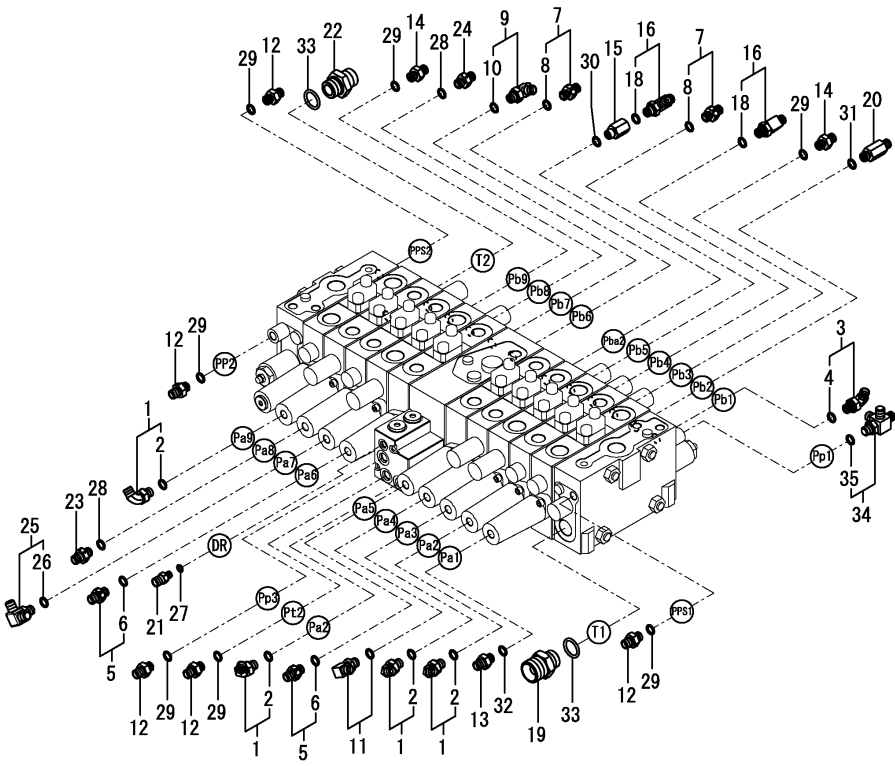
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	1	1						
2	2	41851-000110	O-RING, P11.0 HNBR	1	1						
3	1	172B36-76110	ELBOW, 90 G3/4-G3/4	2	2						
4	2	41851-000240	O-RING, P 24.0 HNBR	2	2						
5	1	172B36-76130	CONNECTOR ASSY, 3WAY	1	1						
6	2	41851-000240	O-RING, P 24.0 HNBR	1	1						
7	1	172151-76161	ELBOW, PF1/2-3/4	4	4						
9	2	24315-000180	O-RING, 1BP18.0	4	4						
10	1	172499-76200	JOINT, G1/2-3/4	2	2						
11	1	172176-76210	JOINT, PF1/2	1	1						
12	1	172B36-76220	ADAPTER, G1/2-1/2	1	1						
13	1	172B36-76240	CONNECTOR, G3/4	1	1						
14	1	172B36-76260	ADAPTER, G1/2-1/2	1	1						
15	1	172B36-76270	ADAPTER, G3/4-3/4	1	1						
16	2	41851-000240	O-RING, P 24.0 HNBR	1	1						
17	1	172B36-76290	ELBOW, G1/4-G1/4	1							
17-1	1	172A89-76310	JOINT, G1/4-RC1/8	1	1						N
(A=M00592)											
18	2	41851-000110	O-RING, P11.0 HNBR	1	1						
19	1	172157-76300	ELBOW ASSY, 3/8-1/2	2	2						
21	2	24315-000180	O-RING, 1BP18.0	2	2						
22	1	172828-76330	CONNECTOR, 1/4X1/4	2	2						Z
(A=M00768) (B=M00768)											
23	1	172B36-76350	VALVE ASSY, CHECK	2	2						
24	2	41851-000110	O-RING, P11.0 HNBR	2	2						
25	1	172141-76900	CONNECTOR ASSY, 1/2L	1	1						
27	2	24315-000180	O-RING, 1BP18.0	1	1						
28	1	172B36-76990	VALVE ASSY, CHECK	1	1						
29	2	24315-000140	O-RING, 1BP14.0	1	1						
30	1	172112-77361	CONNECTOR, PF1/2-1/2	3	3						
31	1	1E3030-78370	CAP, SCREW	1							Z
(A=M00592)											
32	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
33	1	41851-000180	O-RING, P 18.0 HNBR	3	3						
34	1	41851-000180	O-RING, P 18.0 HNBR	4	4						
35	1	41851-000240	O-RING, P 24.0 HNBR	1	1						
36	1	41851-000240	O-RING, P 24.0 HNBR	2	2						
37	1	933160-01370	CONNECTOR, PF1/2X3/8	1	1						
38	1	172B36-76240	CONNECTOR, G3/4	2	2						1
39	1	41851-000240	O-RING, P 24.0 HNBR	2	2						1

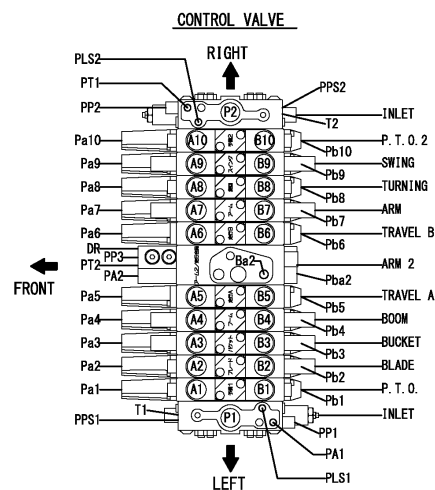
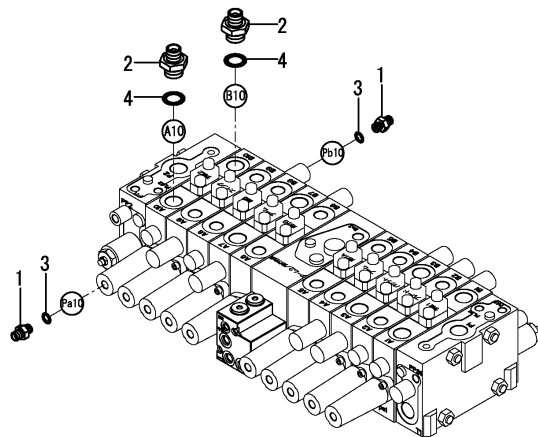
Remarks
(1)P.T.O. specification.

Fig.177. (123A)CONTROL VALVE(FITTING)(2)



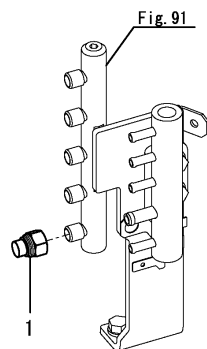
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	4	4						
2	2	41851-000110	O-RING, P11.0 HNBR	4	4						
3	1	172B03-76010	ELBOW, G1/4	1	1						
4	2	41851-000110	O-RING, P11.0 HNBR	1	1						
5	1	172B36-76060	CONNECTOR, G1/4-0.6	2	2						
5-1	1	172663-76661	CONNECTOR,G1/4-0.6	2	2						R
(A=*2019.10) (B=*2019.10)											
6	2	24315-000110	O-RING, 1BP11.0	2	2						
6-1	2	24319-000110	PACKING,HNBR-90 P 11	2	2						R
(A=*2019.10) (B=*2019.10)											
7	1	172B36-76060	CONNECTOR, G1/4-0.6	2	2						
7-1	1	172663-76661	CONNECTOR,G1/4-0.6	2	2						R
(A=*2019.10) (B=*2019.10)											
8	2	24315-000110	O-RING, 1BP11.0	2	2						
8-1	2	24319-000110	PACKING,HNBR-90 P 11	2	2						R
(A=*2019.10) (B=*2019.10)											
9	1	172B36-76070	ELBOW, 90 G1/4-0.9	1	1						
10	2	41851-000110	O-RING, P11.0 HNBR	1	1						
11	1	172A50-76110	ELBOW, 90 G1/4-1.0	1	1						
12	1	172123-76121	ADAPTER, M/M PF1/4	5	5						
13	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
14	1	172123-76121	ADAPTER, M/M PF1/4	2	2						
15	1	172422-76140	CONNECTOR, PF1/4	1	1						
16	1	172162-76181	JOINT ASSY, 1/4 T	2	2						
18	2	41851-000110	O-RING, P11.0 HNBR	2	2						
19	1	172151-76200	JOINT, PF3/4-1	1	1						
20	1	172183-76200	CONNECTOR, 1/4-1/4	1	1						
21	1	172447-76210	JOINT, G1/8-G1/4	1	1						
22	1	172142-76240	JOINT, PF3/4	1	1						
23	1	172164-76330	JOINT, PF1/4-0.7	1	1						
24	1	172164-76330	JOINT, PF1/4-0.7	1	1						
25	1	172491-76330	ELBOW,ADJUSTABLE 1/4	1	1						
26	2	24315-000110	O-RING, 1BP11.0	1	1						
27	1	24315-000080	O-RING, 1BP8.0	1	1						
28	1	41851-000110	O-RING, P11.0 HNBR	2	2						
29	1	41851-000110	O-RING, P11.0 HNBR	7	7						
30	1	41851-000110	O-RING, P11.0 HNBR	1	1						
31	1	41851-000110	O-RING, P11.0 HNBR	1	1						
32	1	41851-000110	O-RING, P11.0 HNBR	1	1						
33	1	41851-000240	O-RING, P 24.0 HNBR	2	2						
34	1	172491-76140	JOINT, 1/4	1	1						
35	2	24315-000110	PACKING, P 11.0	1	1						

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



No.	Lev.	Parts No.	Description	(A)=VIO82 C(AS)	(B)=VIO82 C(KR)	(C)=	(D)=	(E)=	(F)=	I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER, M/M PF1/4	2	2						
2	1	172499-76200	JOINT, G1/2-3/4	2	2						
3	1	41851-000110	O-RING, P11.0 HNBR	2	2						
4	1	41851-000240	O-RING, P 24.0 HNBR	2	2						

Fig.126. SCREW CAP

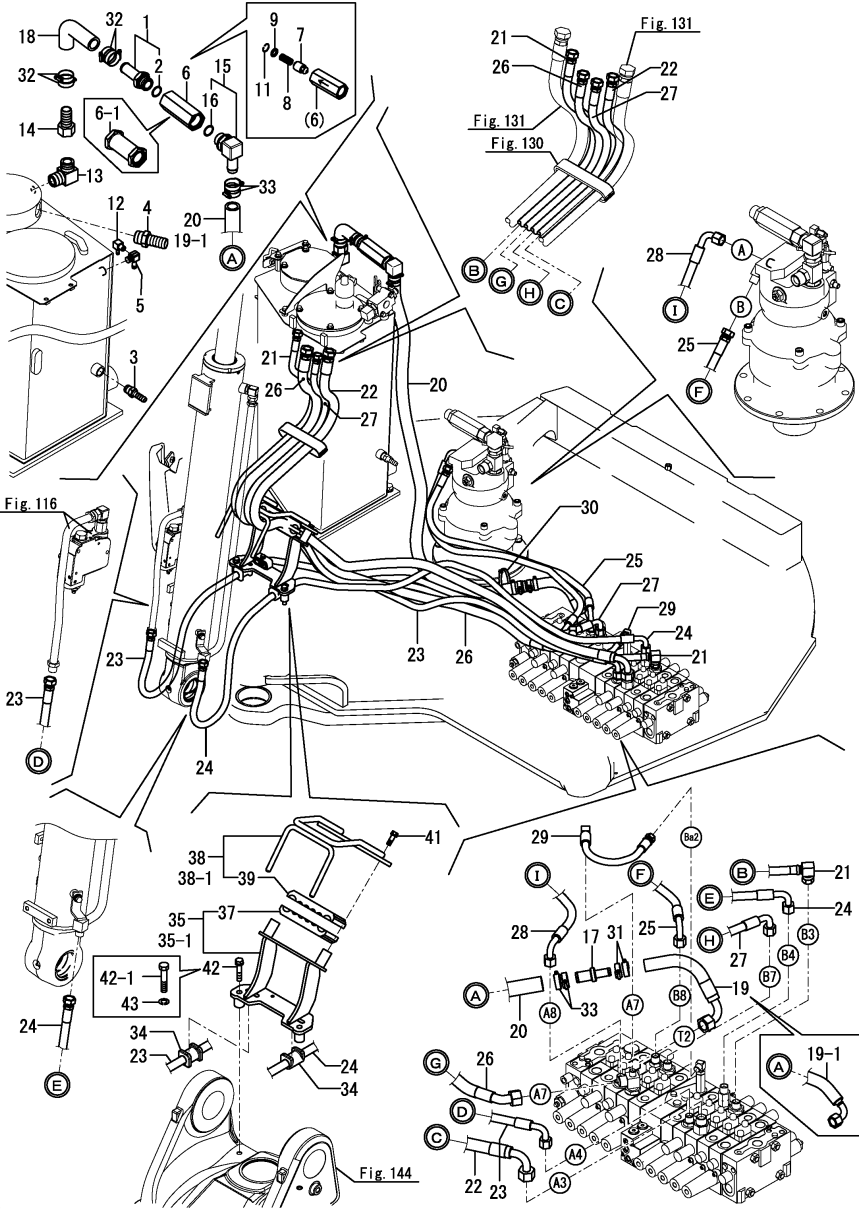


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

[illegible]

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



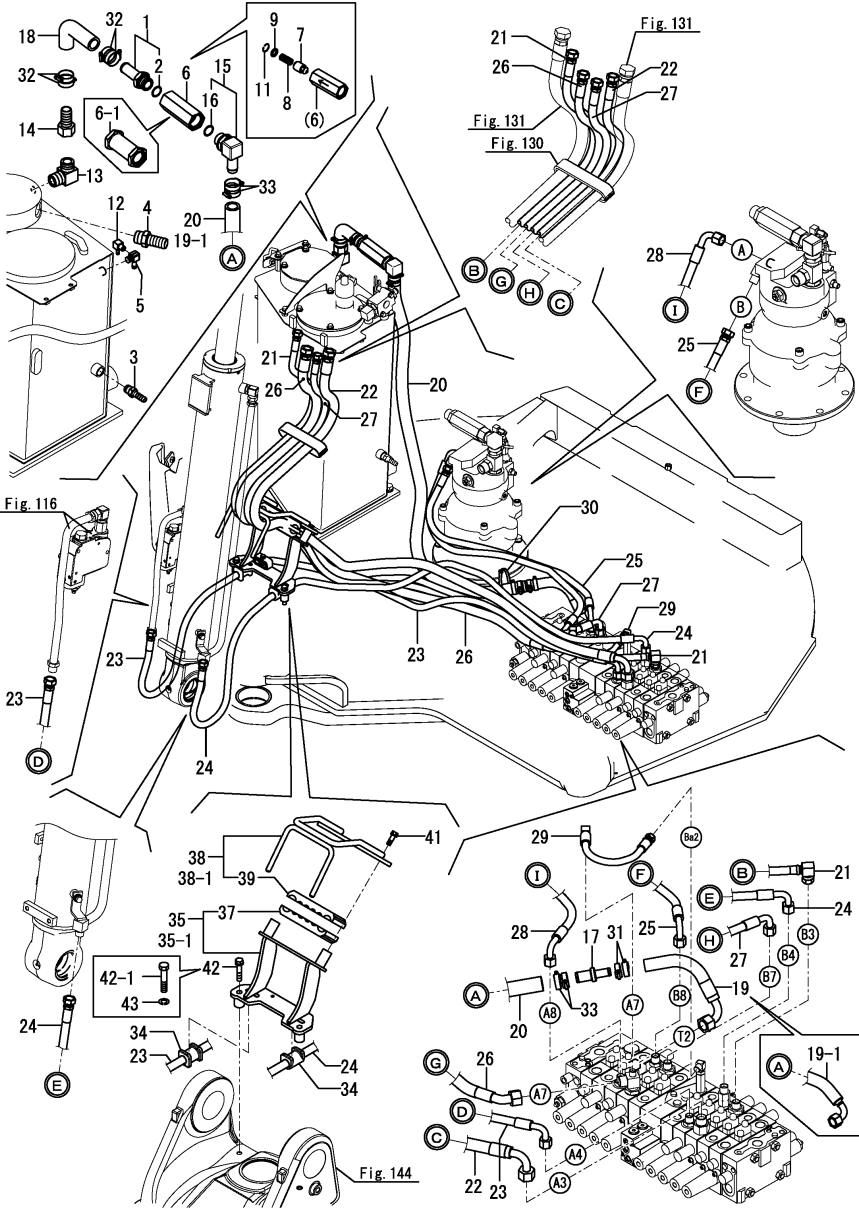
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76120	NIPPLE, G1	1	1						
2	2	172A65-76790	O-RING, P29.0 HNBR	1	1						
3	1	172168-76170	CONNECTOR, 12	1	1						
4	1	172187-76180	NIPPLE, HOSE 101-25	1	1						
5	1	172499-76331	NIPPLE, ELBOW 90R3/8	1	1						
6	1	172B36-76370	VALVE ASSY, CHECK	1	1						
6-1	1	172B62-76370	VALVE ASSY, CHECK	1	1					S	1
		(A=M00677) (B=M00677)									
7	2	172B36-76380	PLUNGER	1	1						Z
		(A=M00677) (B=M00677)									
8	2	172B36-76390	SPRING	1	1						Z
		(A=M00677) (B=M00677)									
9	2	172B36-76400	PLATE, WASHER	1	1						Z
		(A=M00677) (B=M00677)									
11	2	172B36-76420	RING, SNAP	1	1						Z
		(A=M00677) (B=M00677)									
12	1	172186-76390	NIPPLE, ELBOW 1/4	1	1						
13	1	172B36-76500	ELBOW, 90 R1-G1	1	1						
14	1	172B36-76510	NIPPLE, G1	1	1						
15	1	172B04-76780	ELBOW, 90 G1-25	1	1						
16	2	172A65-76790	O-RING, P29.0 HNBR	1	1						
17	1	172B36-76170	NIPPLE, 3/4-1	1	1						Z
		(A=M00677) (B=M00677)									
18	1	172B36-78120	HOSE, 25.4	1	1						
19	1	172B36-78220	HOSE, G612CY027S	1	1						
19-1	1	172B36-78221	HOSE, H616CY177S	1	1						S
		(A=M00677) (B=M00677)									
20	1	172B36-78230	HOSE, G616YY149S	1	1						Z
		(A=M00677) (B=M00677)									
21	1	172B36-78300	HOSE, H108BV278K	1	1						
22	1	172B36-78310	HOSE, H112BC274K	1	1						
23	1	172B36-78320	HOSE, H108BC247K	1	1						
24	1	172B36-78330	HOSE, H108BC247K	1	1						
25	1	172B36-78420	HOSE, H108BC107S	1	1						
26	1	172B36-78430	HOSE, H112BE235K	1	1						
27	1	172B36-78440	HOSE, H108BC245K	1	1						
28	1	172B36-78480	HOSE, H108CC121S	1	1						
29	1	172B36-79440	HOSE, H106BV028S	1	1						
30	1	172122-79890	CLAMP, HOSE 350	1	1						Z
		(A=M00677) (B=M00677)									
31	1	23001-035000	CLAMP, HOSE 35	2	2						Z
		(A=M00677) (B=M00677)									
32	1	23001-041000	CLAMP, HOSE 41	4	4						
33	1	23001-041000	CLAMP, HOSE 41	4	4						
33-1	1	23001-041000	CLAMP, HOSE 41	2	2						K
		(A=M00677) (B=M00677)									
34	1	172187-78100	RUBBER, HOSE CLAMP A	2	2						
35	1	172B36-79100	CLAMP ASSY, HOSE	1	1						
35-1	1	172B36-79100-1	CLAMP ASSY, HOSE	1	1						S
		(A=*2021.12) (B=*2021.12)									
37	2	172A69-79140	SUPPORT, HOSE RUBBER	1	1						

Remarks
* Fitting(turning motor) is shown in Fig.121.
* Fitting(control valve) is shown in Fig.123 & 177(123A).
(1)Fig.11 No.18-1, 20A & 21-1 interchangeable by set.

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



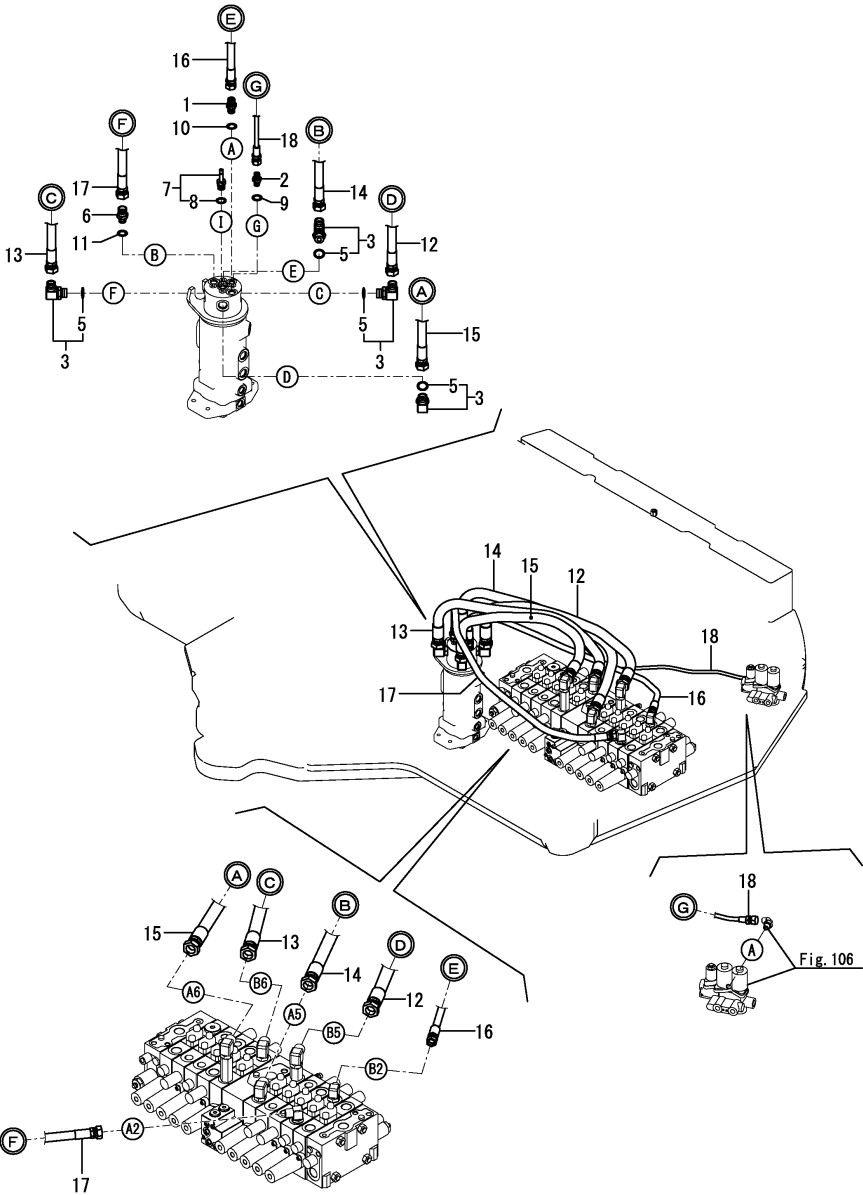
Remarks
* Fitting(turning motor) is shown in Fig.121.
* Fitting(control valve) is shown in Fig.123 & 177(123A).
(1)Fig.11 No.18-1, 20A & 21-1 interchangeable by set.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	1	172B36-79150	PLATE ASSY,CLAMP	1	1						
38-1	1	172B36-79150-1	PLATE ASSY,CLAMP	1	1						S
(A=*2021.12) (B=*2021.12)											
39	2	172A69-79140	SUPPORT, HOSE RUBBER	1	1						
41	1	26013-100302	BOLT, M10X 30	2	2						
42	1	26013-120602	BOLT, M12X 60	2	2						
42-1	1	26076-120602	BOLT, 12 X 60	2	2						N
(A=M00592) (B=M00624)											
42-2	1	172B16-57650	BOLT, 10.9 12X60	2	2						R
(A=M00592) (B=M00610)											
43	1	22217-120000	WASHER, SPRING 12	2	2						W
(A=M00606) (B=M00606)											

Fig.128. CONTROL VALVE - SWIVEL JOINT



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

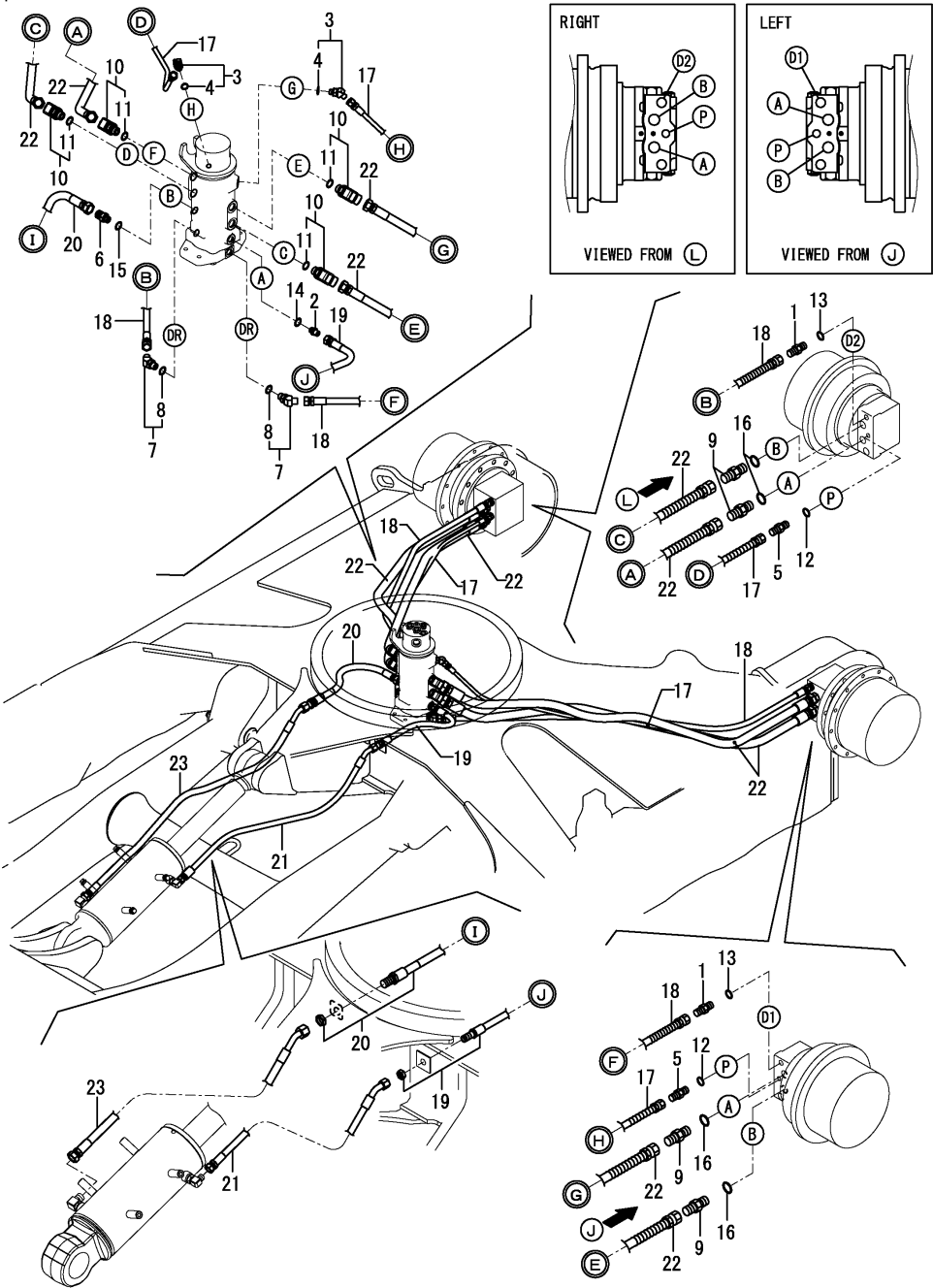
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER, M/M C	1	1						
2	1	172123-76121	ADAPTER, M/M PF1/4	1	1						
3	1	172151-76161	ELBOW, PF1/2-3/4	4	4						
5	2	24315-000180	O-RING, 1BP18.0	4	4						
6	1	172168-76162	CONNECTOR, PF1/2X3/8	1	1						
7	1	172A65-76700	CONNECTOR, G3/8	1	1						
8	2	41851-000140	O-RING, P 14.0 HNBR	1	1						
9	1	41851-000110	O-RING, P11.0 HNBR	1	1						
10	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
11	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
12	1	172B36-78340	HOSE, H110BB088S	1	1						
13	1	172B36-78340	HOSE, H110BB088S	1	1						
14	1	172B36-78350	HOSE, H110BB102S	1	1						
15	1	172B36-78360	HOSE, H110BB079S	1	1						
16	1	172B36-78450	HOSE, H106BB101S	1	1						
17	1	172B36-78460	HOSE, H108BB108S	1	1						
18	1	172A69-78900	HOSE, F403BB107S	1	1						

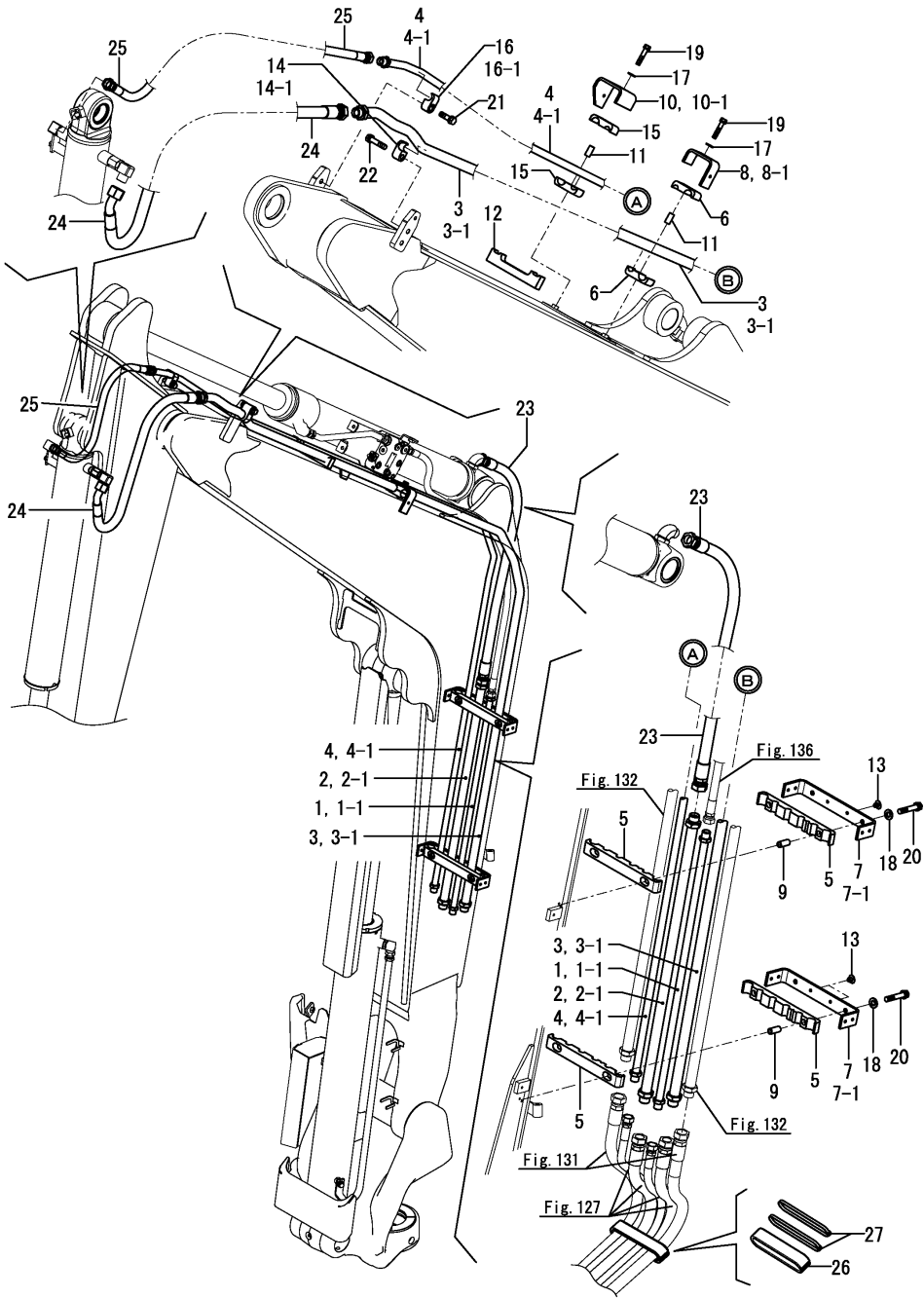
Remarks
* Fitting(control valve) is shown in Fig.123 & 177(123A).

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

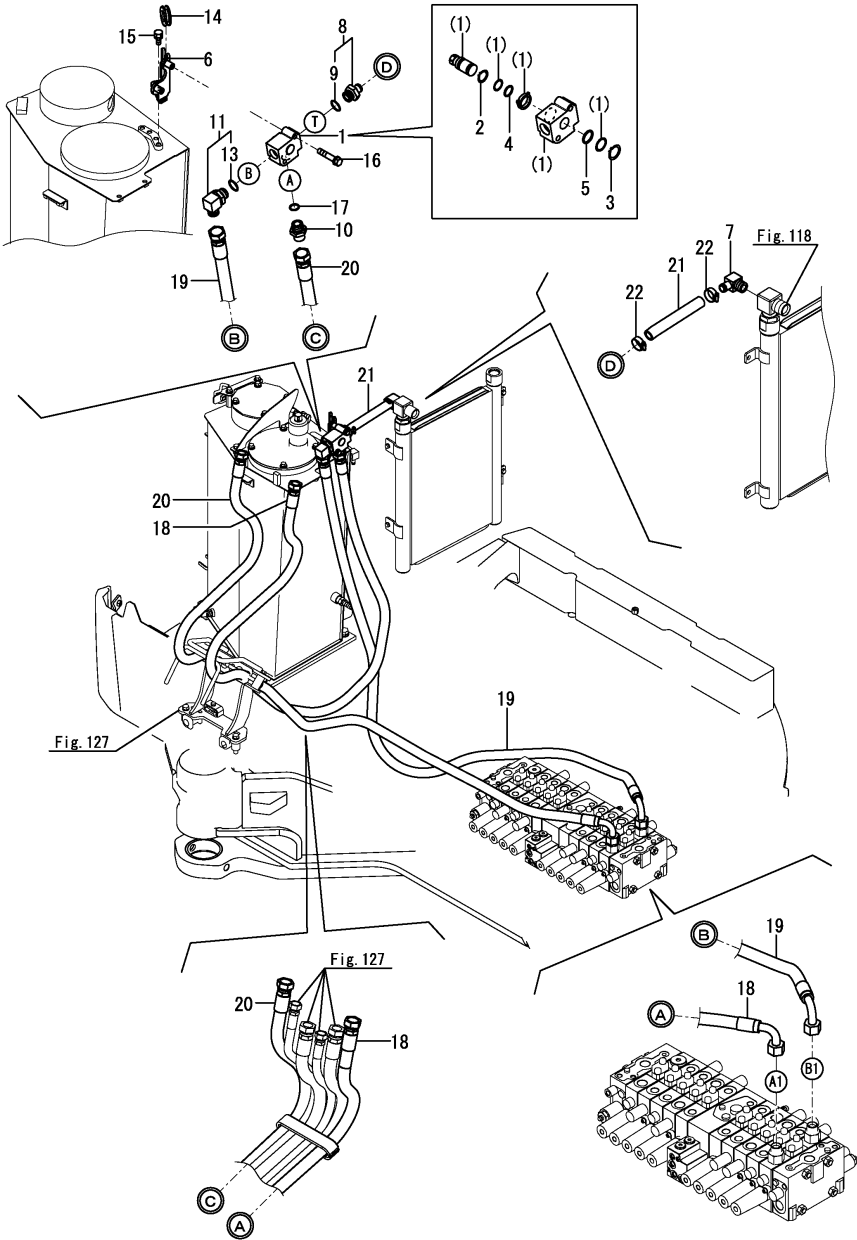
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER, M/M C	2	2						
2	1	172730-75141	ADAPTER, M/M C	1	1						
3	1	172173-76102	CONNECTOR ASSY	2	2						
4	2	41851-000110	O-RING, P11.0 HNBR	2	2						
5	1	172123-76121	ADAPTER, M/M PF1/4	2	2						
6	1	172168-76162	CONNECTOR, PF1/2X3/8	1	1						
7	1	172644-76161	ELBOW, ADJUST 45	2	2						
8	2	24315-000140	O-RING, 1BP14.0	2	2						
9	1	172187-76200	ADAPTER, 1/2-3/4	4	4						
10	1	172B36-76300	ELBOW, 45 G1/2-G3/4	4	4						
11	2	24315-000180	O-RING, 1BP18.0	4	4						
12	1	41851-000110	O-RING, P11.0 HNBR	2	2						
13	1	41851-000140	O-RING, P 14.0 HNBR	2	2						
14	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
15	1	41851-000140	O-RING, P 14.0 HNBR	1	1						
16	1	41851-000180	O-RING, P 18.0 HNBR	4	4						
17	1	172187-78201	HOSE, G604BB155W	2	2						
18	1	172187-78211	HOSE, G306BB145W	2	2						
19	1	172A69-78510	HOSE, H106BX055	1	1						
20	1	172A69-78520	HOSE, H108BX055	1	1						
21	1	172A69-78530	HOSE, H106BE097W	1	1						
22	1	172B36-78530	HOSE, H110BB143W	4	4						
23	1	172A69-78540	HOSE, H108BE130W	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76200-Y	TUBE ASSY, ARM	1	1						
1-1	1	172A69-76200-1	TUBE ASSY, ARM	1	1						S
(A=*2021.12) (B=*2021.12)											
2	1	172A69-76220-Y	TUBE ASSY, ARM	1	1						
2-1	1	172A69-76220-1	TUBE ASSY, ARM	1	1						S
(A=*2021.12) (B=*2021.12)											
3	1	172B12-76250	TUBE ASSY, BUCKET L	1	1						
3-1	1	172B12-76250-2	TUBE ASSY, BUCKET L	1	1						S
(A=*2021.12) (B=*2021.12)											
4	1	172A69-76270-Y	TUBE ASSY, BUCKET	1	1						
4-1	1	172A69-76270-1	TUBE ASSY, BUCKET	1	1						S
(A=*2021.12) (B=*2021.12)											
5	1	172A69-76400	CLAMP, RUBBER A	4	4						
6	1	172A69-76410	CLAMP, RUBBER B	2	2						
7	1	172B11-76420	CLAMP, TUBE A	2	2						
7-1	1	172B11-76420-1	CLAMP, TUBE A	2	2						S
(A=*2021.12) (B=*2021.12)											
8	1	172B12-76440	CLAMP, TUBE B	1	1						
8-1	1	172B12-76440-1	CLAMP, TUBE B	1	1						S
(A=*2021.12) (B=*2021.12)											
9	1	172A69-76450	COLLAR, CLAMP	4	4						
10	1	172B11-76460	CLAMP, TUBE Q PTO2	1	1						
10-1	1	172B11-76460-1	CLAMP, TUBE Q PTO2	1	1						S
(A=*2021.12) (B=*2021.12)											
11	1	172187-76520	COLLAR, CLAMP	2	2						
12	1	172B11-76830	RUBBER, TUBE CLAMP	1	1						
13	1	172B11-76900	CLIP, TREE 8	3	3						
14	1	172142-76941	CLAMP, 3/4	1	1						
14-1	1	172142-76941-N	CLAMP, 3/4	1	1						S
(A=*2021.12) (B=*2021.12)											
15	1	172187-76940	RUBBER, CLAMP B	2	2						
16	1	172142-76951	CLAMP, 1/2	1	1						
16-1	1	172142-76951-N	CLAMP, 1/2	1	1						S
(A=*2021.12) (B=*2021.12)											
17	1	22137-100000	WASHER, 10	2	2						Z
(A=M00963) (B=M00963)											
18	1	22137-100000	WASHER, 10	4	4						
19	1	26013-100502	BOLT, M10X 50	2	2						
19-1	1	26014-100502	BOLT, M10X 50	2	2						N
(A=M00963) (B=M00963)											
20	1	26013-100552	BOLT, M10X 55	4	4						
21	1	26014-120452	BOLT, M12X 45	1	1						
22	1	26014-120552	BOLT, M12X 55	1	1						
23	1	172A69-78550	HOSE, G112BB102K	1	1						
24	1	172A69-78570	HOSE, G112BBE091W	1	1						
25	1	172A89-78570	HOSE, H108BB070W	1	1						
26	1	172A69-78680	COVER, HOSE 23X330	1	1						
27	1	172A69-79890	CLIP, HOSE	2	2						



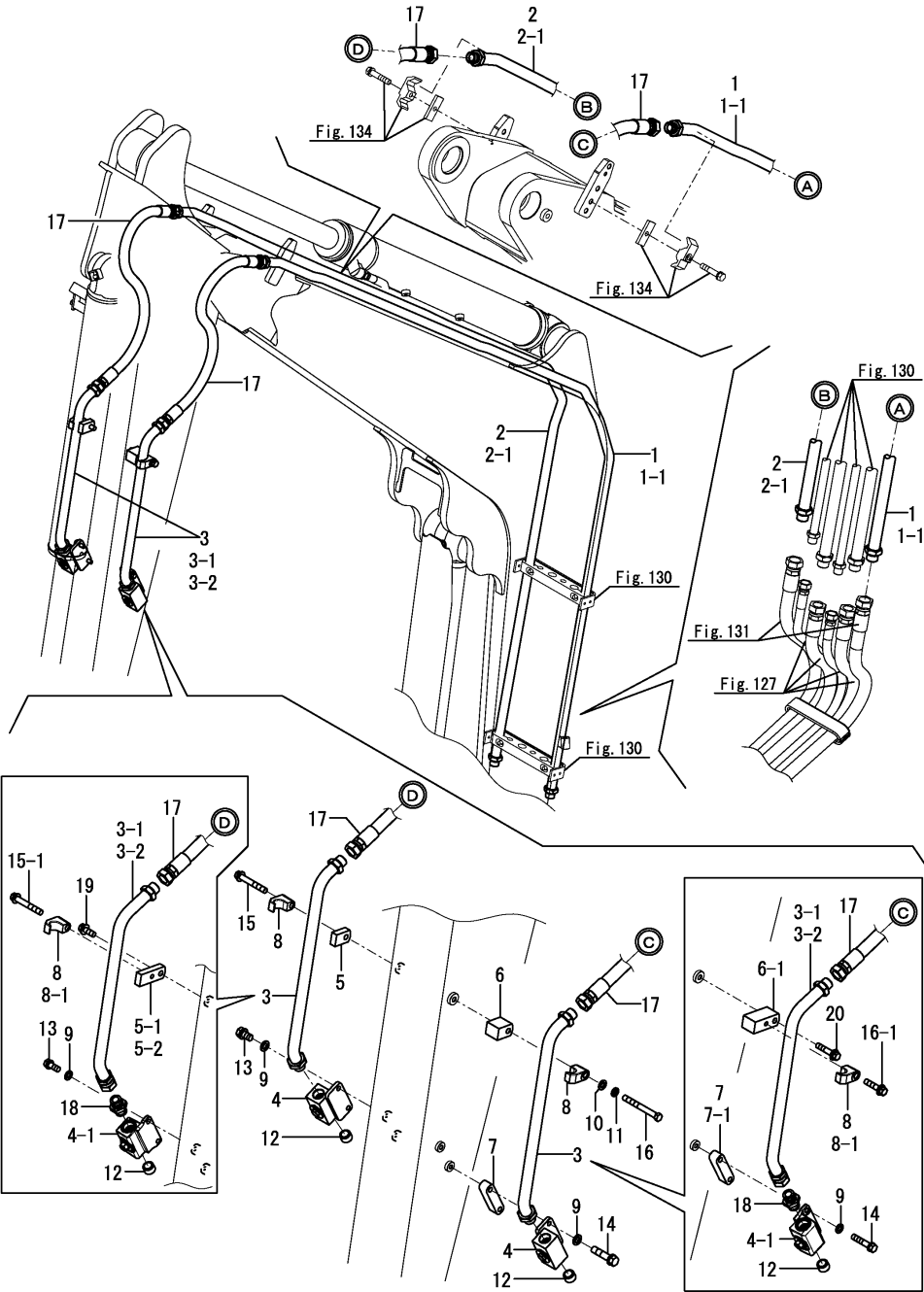
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
2	2	22242-000210	RING, 21	1	1						
3	2	22242-000250	RING, 25	1	1						
4	2	24315-000210	O-RING, 1BP21.0	1	1						
5	2	24315-000250	O-RING, 1BP25.0	1	1						
6	1	172A69-74070	STAY ASSY, VALVE	1	1						
7	1	172467-76120	ELBOW, 90 R3/4	1	1						
8	1	172524-76210	NIPPLE, HOSE 3/4	1	1						
9	2	24315-000240	O-RING, 1BP24.0	1	1						
10	1	172142-76240	JOINT, PF3/4	1	1						
11	1	172165-76380	CONNECTOR ASSY	1	1						
13	2	24315-000240	O-RING, 1BP24.0	1	1						
14	1	172422-78760	GROMMET	1	1						
15	1	26013-100162	BOLT, M10X 16	2	2						
16	1	26013-100502	BOLT, M10X 50	2	2						
17	1	41851-000240	O-RING, P 24.0 HNBR	1	1						
18	1	172B36-78400	HOSE, H112BC279K	1	1						
19	1	172B36-78410	HOSE, H112BC220K	1	1						
20	1	172A69-78420	HOSE, G112BB296K	1	1						
21	1	172B11-78490	HOSE, G812YY020	1	1						
22	1	23001-025000	CLAMP, HOSE 25	2	2						

Remarks

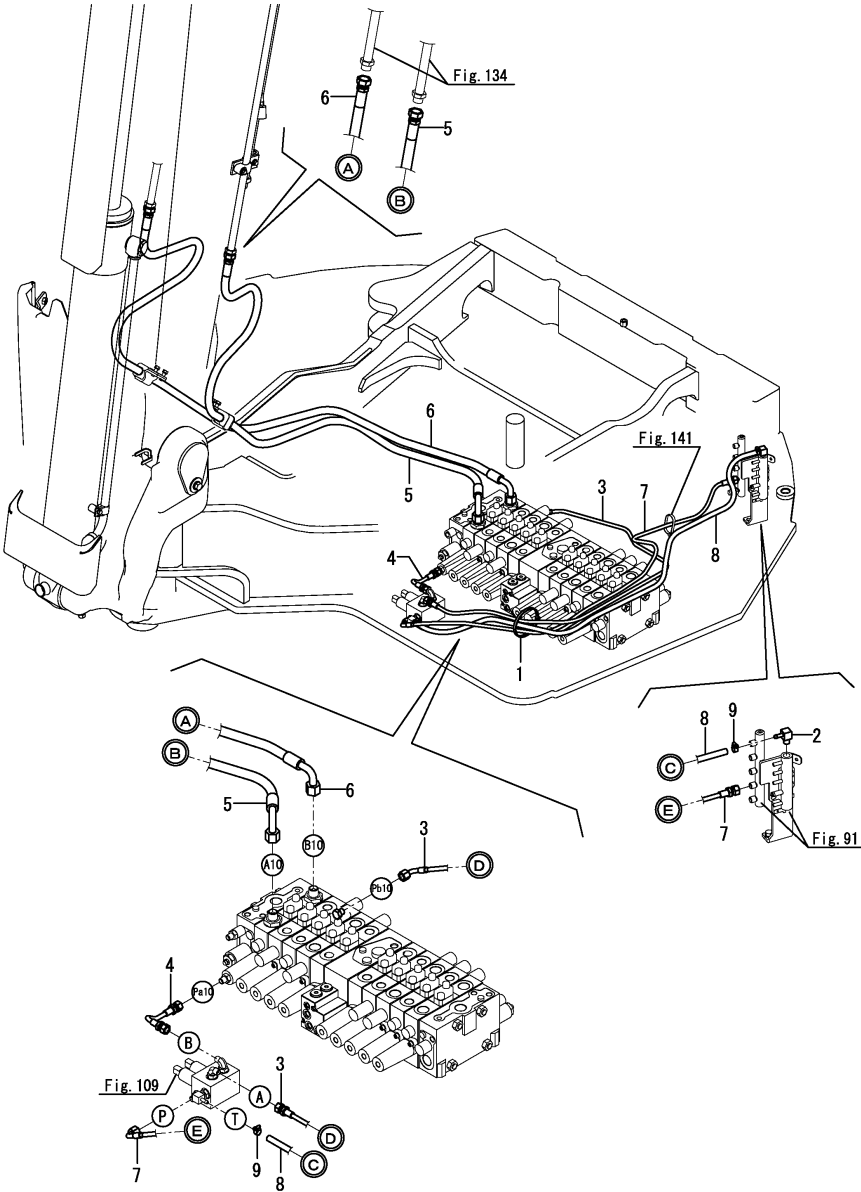
* Fitting(control valve) is shown in Fig.123 & 177(123A).



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-76300-Y	TUBE ASSY, PTO	1	1						
1-1	1	172A69-76300-1	TUBE ASSY, PTO	1	1						S
(A=*2021.12) (B=*2021.12)											
2	1	172A69-76320-Y	TUBE ASSY, PTO	1	1						
2-1	1	172A69-76320-1	TUBE ASSY, PTO	1	1						S
(A=*2021.12) (B=*2021.12)											
3	1	172187-76570-Y	TUBE, 3RD	2							
3-1	1	172B11-76610-Y	TUBE ASSY, PTO1	2	2						S
(A=M00604)											
3-2	1	172B11-76610-1	TUBE ASSY, PTO1	2	2						S
(A=*2021.12) (B=*2021.12)											
4	1	172176-76582-Y	VALVE ASSY, STOP	2	2						
4-1	1	172B11-74800	VALVE ASSY, STOP R3/4	2	2						N
(A=M00501)											
5	1	172187-76690-Y	PLATE, SPACER T16	1							
5-1	1	172B11-76630-Y	PLATE, M12	1	1						S
(A=M00604)											
5-2	1	172B11-76630-1	PLATE, M12	1	1						S
(A=*2021.12) (B=*2021.12)											
6	1	172B36-76860	SPACER, TUBE	1							
6-1	1	172B36-76880	PLATE, M12	1	1						S
(A=M00604)											
7	1	172B36-76870	SPACER, VALVE STOP	1	1						
7-1	1	172B36-76870-1	SPACER, VALVE STOP	1	1						S
(A=*2021.12) (B=*2021.12)											
8	1	172142-76941	CLAMP, 3/4	2	2						
8-1	1	172142-76941-N	CLAMP, 3/4	2	2						S
(A=*2021.12) (B=*2021.12)											
9	1	22117-100000	WASHER, 10	4	4						
10	1	22137-120000	WASHER, 12	1	1						Z
11	1	22217-120000	WASHER, SPRING 12	1	1						Z
12	1	23871-060000	PLUG, R06	2	2						
13	1	26013-100252	BOLT, M10X 25	2	2						
14	1	26013-100502	BOLT, M10X 50	2	2						
15	1	26014-120752	BOLT, 12 X 75	1							
15-1	1	26014-120552	BOLT, M12X 55	1	1						S
(A=M00604)											
16	1	26116-121002	BOLT, M12X100 PLATED	1							
16-1	1	26014-120552	BOLT, M12X 55	1	1						S
(A=M00604)											
17	1	172187-79250	HOSE, G112BB085W	2	2						
18	1	23391-060000	JOINT, RGI-3/4	2	2						W
(A=M00604)											
19	1	26014-120352	BOLT, M12X 35	1	1						W
(A=M00604)											
20	1	26014-120602	BOLT, M12X 60	1	1						W
(A=M00604)											

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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1	1						
2	1	172186-76390	NIPPLE, ELBOW 1/4	1	1						
3	1	172B36-79240	HOSE, F403BC146	1	1						
4	1	172A69-79490	HOSE, H603BB020	1	1						
5	1	172B36-79940	HOSE, H108BC238K	1	1						
6	1	172B36-79950	HOSE, H108BC238K	1	1						
7	1	172B11-79960	HOSE, F403BC150	1	1						
8	1	172B11-79990	HOSE, G604YY147	1	1						
9	1	23000-013000	CLAMP, 13	2	2						

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

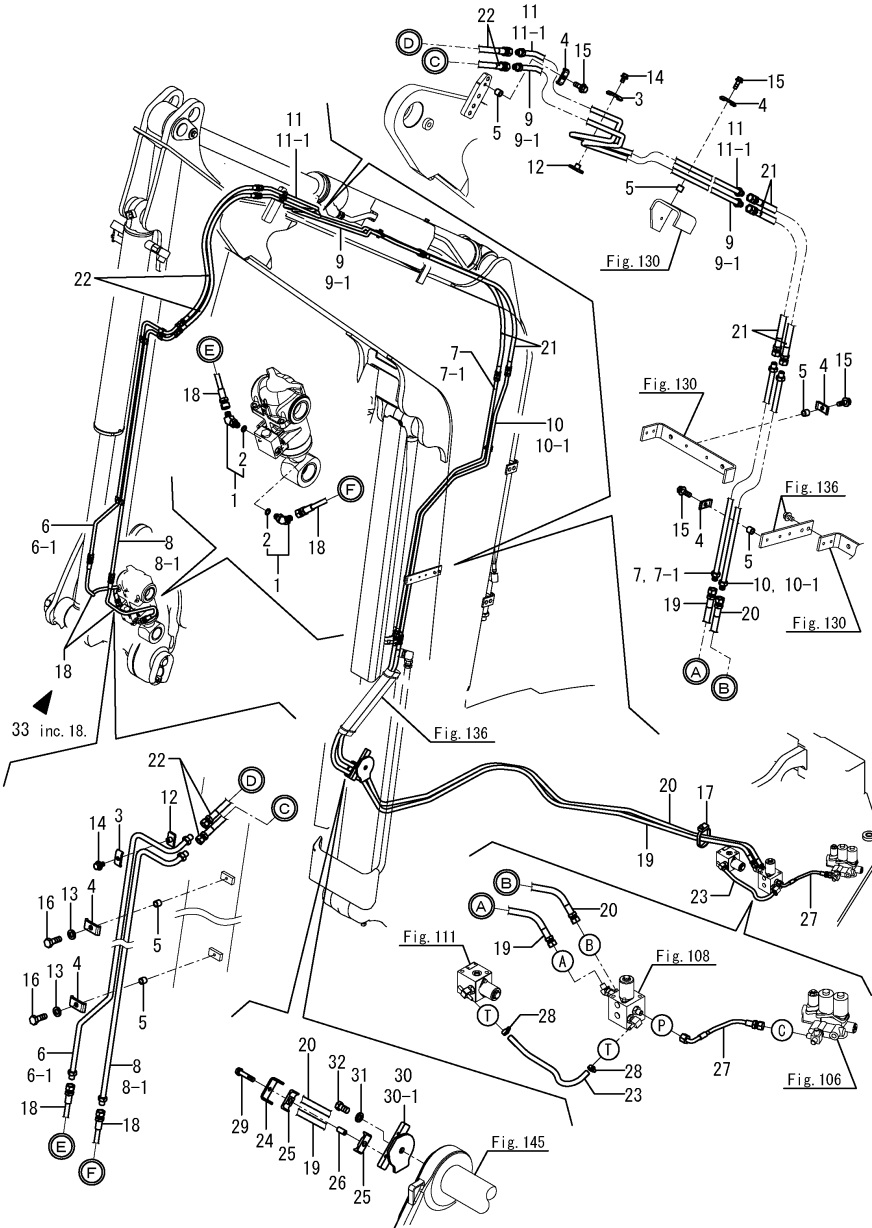
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74822-Y	VALVE ASSY, STOP 08	2	2						
1-1	2	172B11-74700	VALVE ASSY,STOP R1/2	2	2						N
(A=M00501)											
2	1	172B11-76520	PLATE, CLAMP PTO2	3	3						
2-1	1	172B11-76520-1	PLATE, CLAMP PTO2	3	3						S
(A=*2021.12) (B=*2021.12)											
3	1	172B11-76550	CLAMP, 1/2	6	6						
3-1	1	172B11-76550-1	CLAMP, 1/2	6	6						S
(A=*2021.12) (B=*2021.12)											
4	1	172B11-76560	CLAMP, A PTO2	2	2						
4-1	1	172B11-76560-1	CLAMP, A PTO2	2	2						S
(A=*2021.12) (B=*2021.12)											
5	1	172B11-76570	CLAMP, B PTO2	2	2						
5-1	1	172B11-76570-1	CLAMP, B PTO2	2	2						S
(A=*2021.12) (B=*2021.12)											
6	1	172B11-76580	PLATE ASSY, VALVE L	1	1						
6-1	1	172B11-76580-1	PLATE ASSY, VALVE L	1	1						S
(A=*2021.12) (B=*2021.12)											
7	1	172175-76590-Y	PLATE, SPACER	2	2						
7-1	1	172175-76590-6	PLATE, SPACER	2	2						S
(A=*2021.12) (B=*2021.12)											
8	1	172B11-76600	PLATE ASSY, VALVE R	1	1						
8-1	1	172B11-76600-1	PLATE ASSY, VALVE R	1	1						S
(A=*2021.12) (B=*2021.12)											
9	1	172125-76900-2	CLAMP	2	2						
9-1	1	172125-76900-5	CLAMP	2	2						S
(A=*2021.12) (B=*2021.12)											
10	1	172B11-77900	TUBE ASSY, PTO2 L	1	1						
10-1	1	172B11-77900-1	TUBE ASSY, PTO2 L	1	1						S
(A=*2021.12) (B=*2021.12)											
11	1	172B11-77930	TUBE ASSY, PTO2 R	1	1						
11-1	1	172B11-77930-1	TUBE ASSY, PTO2 R	1	1						S
(A=*2021.12) (B=*2021.12)											
12	1	172187-78100	RUBBER, HOSE CLAMP A	2	2						
13	1	172B11-79930	HOSE, H108BE095W	2	2						
14	1	23391-040000	JOINT, RGI-1/2	2	2						
15	1	23871-040000	PLUG, R04	2	2						
16	1	26013-080202	BOLT, M8X 20	4	4						
17	1	26013-080252	BOLT, M8X 25	4	4						
18	1	26013-100252	BOLT, M10X 25	4	4						
19	1	26013-120602	BOLT, M12X 60	2	2						
20	1	26014-080162	BOLT, M8X 16	6	6						
21	1	26014-080352	BOLT, M8X 35	6	6						

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

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



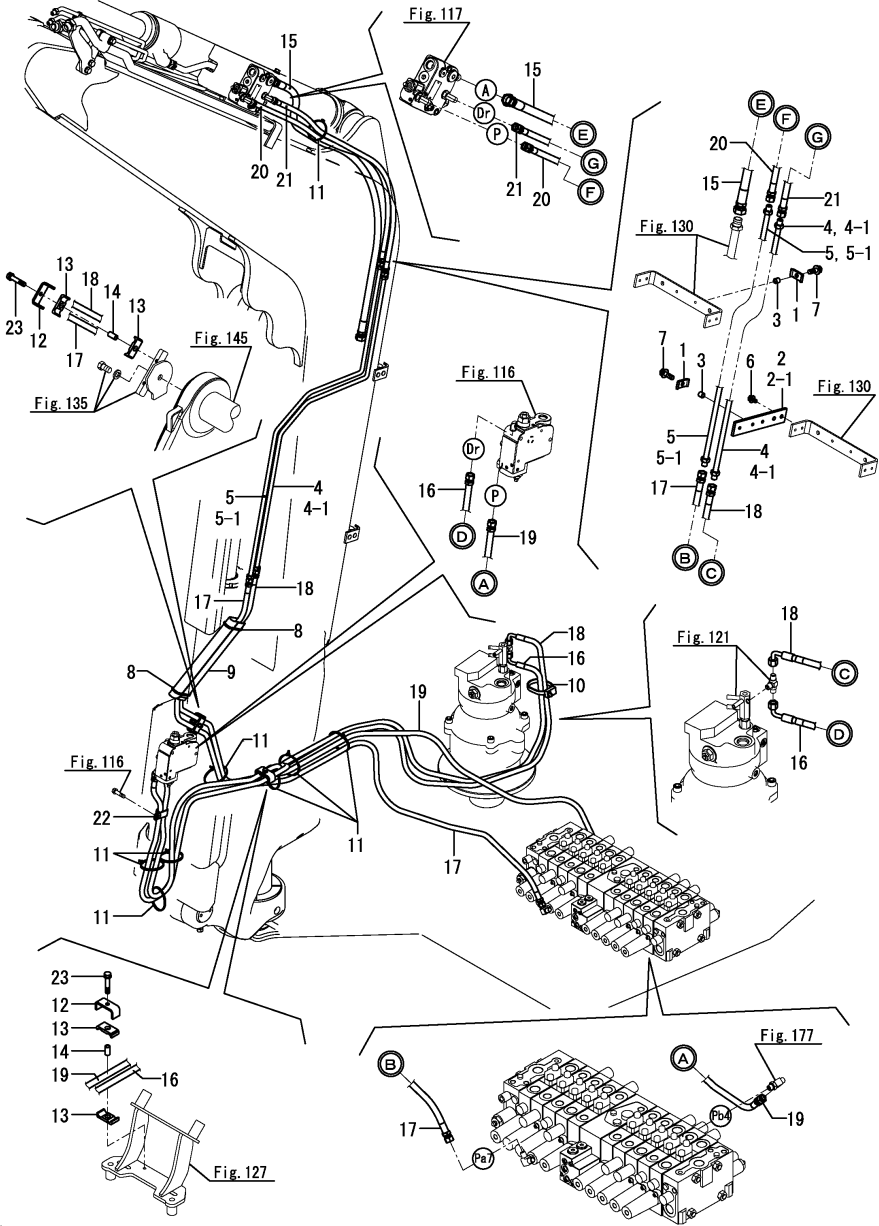
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-76100	ELBOW, 45 PF1/4	2	2						1
2	2	24315-000110	O-RING, 1BP11.0	2	2						1
3	1	172110-76170	PLATE	2	2						
4	1	172110-76170	PLATE	6	6						
5	1	172137-76580	COLLAR, 9X11	6	6						
6	1	172B36-76600	TUBE ASSY, ARM A	1	1						
6-1	1	172B36-76600-1	TUBE ASSY, ARM A	1	1						S
(A=M01003) (B=M01006)											
7	1	172A69-76620-Y	TUBE ASSY	1	1						
7-1	1	172A69-76620-1	TUBE ASSY	1	1						S
(A=M01003) (B=M01006)											
8	1	172B36-76620	TUBE ASSY, ARM B	1	1						
8-1	1	172B36-76620-1	TUBE ASSY, ARM B	1	1						S
(A=M01003) (B=M01006)											
9	1	172A69-76640-Y	TUBE ASSY	1	1						
9-1	1	172A69-76640-1	TUBE ASSY	1	1						S
(A=M01003) (B=M01006)											
10	1	172B36-76640	TUBE ASSY, Q A L	1	1						
10-1	1	172B36-76640-1	TUBE ASSY, Q A L	1	1						S
(A=M01003) (B=M01006)											
11	1	172A69-76660-Y	TUBE ASSY	1	1						
11-1	1	172A69-76660-1	TUBE ASSY	1	1						S
(A=M01003) (B=M01006)											
12	1	172B04-77400	CLAMP ASSY, TUBE	2	2						
13	1	22217-080000	WASHER, SPRING 8	2	2						
14	1	26014-080162	BOLT, M8X 16	2	2						
15	1	26014-080252	BOLT, M8X 25	4	4						
16	1	26076-080252	BOLT, 10.98X 25	2	2						
17	1	172126-11510	BAND, BINDING 300	1	1						
18	1	172958-78120	HOSE, G604BB048W	2	2						
19	1	172B36-78600	HOSE, H606BB290K	1	1						
20	1	172B36-78610	HOSE, H606BB290K	1	1						
21	1	172A69-78620	HOSE, H604BB093K	2	2						
22	1	172B36-78620	HOSE, H206BB074W	2	2						
23	1	172B27-78960	HOSE, G804YY029S	1	1						
24	1	172A69-79200	CLAMP, 54X25	1	1						
25	1	172A69-79210	SUPPORT, HOSE RUBBER	2	2						
26	1	172A69-79220	COLLAR, 9X24	1	1						
27	1	172A69-79520	HOSE, H603BC027	1	1						
28	1	23000-013000	CLAMP, 13	2	2						
29	1	26013-080402	BOLT, M8X 40	1	1						
30	1	172A69-79250-Y	CLAMP ASSY	1	1						
30-1	1	172A69-79250-1	CLAMP ASSY	1	1						S
(A=M01003) (B=M01006)											
31	1	22217-140000	WASHER, SPRING 14	1	1						
32	1	26116-140252	BOLT, M14X 25 PLATED	1	1						
33	1	172B69-08890	HOSE,QH KIT	1	1						2

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

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

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

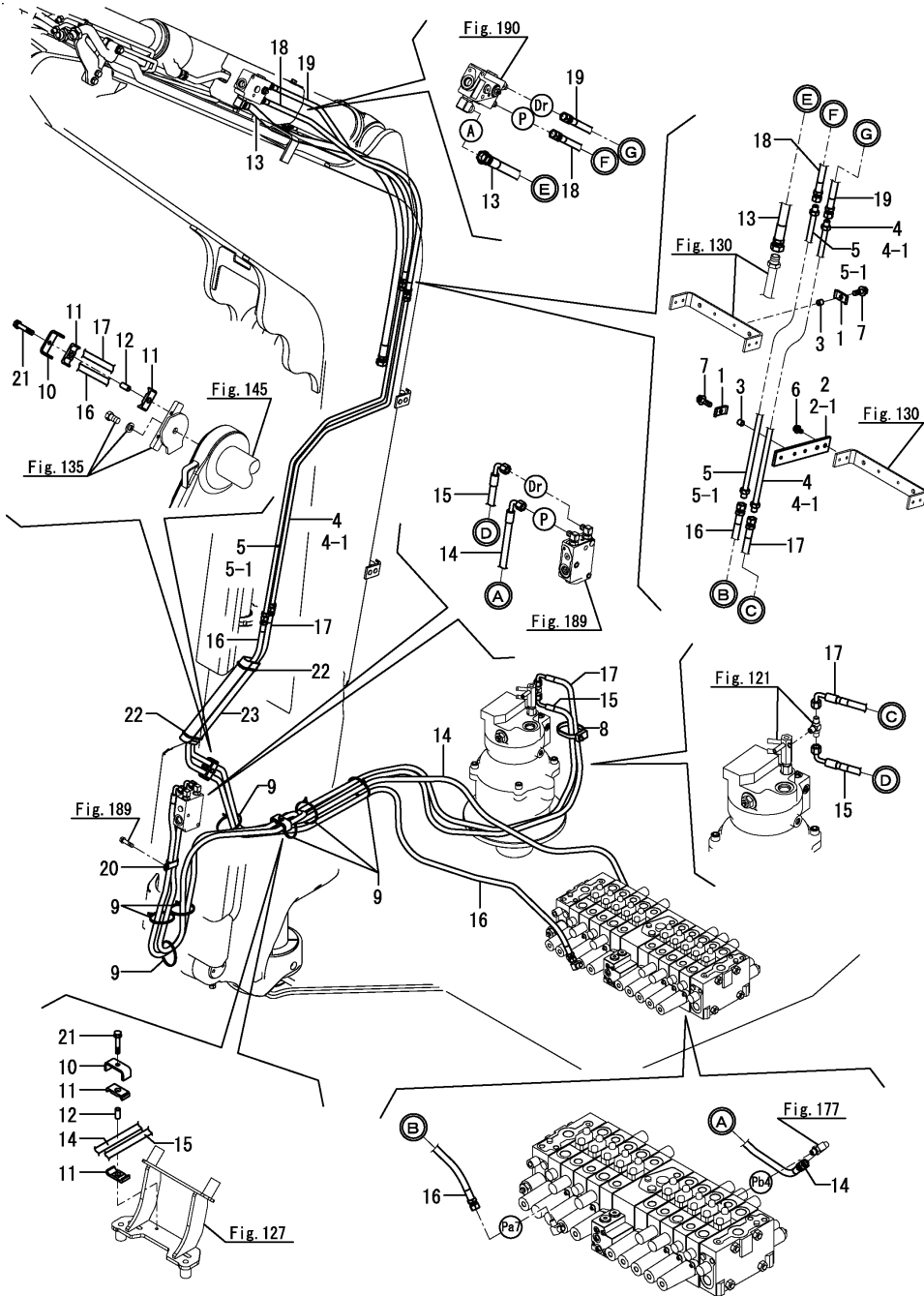
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170	PLATE	2							
2	1	172B11-76510	PLATE, CLAMP Q HV	1							
2-1	1	172B11-76510-1	PLATE, CLAMP Q HV	1							S
(A)=*2021.12)											
3	1	172137-76580	COLLAR, 9X11	2							
4	1	172A69-77480-Y	TUBE ASSY, HDV	1							
4-1	1	172A69-77480-1	TUBE ASSY,HDV L	1							S
(A)=*2021.12)											
5	1	172A69-77500-Y	TUBE ASSY, HDV	1							
5-1	1	172A69-77500-1	TUBE ASSY,HDV R	1							S
(A)=*2021.12)											
6	1	26014-080162	BOLT, M8X 16	2							
7	1	26014-080252	BOLT, M8X 25	2							
8	1	172126-11510	BAND, BINDING 300	2							
9	1	172A69-78670	COVER, HOSE	1							
10	1	172126-11510	BAND, BINDING 300	2							
11	1	194202-56460	BAND, BINDING 200	8							
12	1	172A69-79200	CLAMP, 54X25	2							
13	1	172A69-79210	SUPPORT, HOSE 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 & 177(123A).

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

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

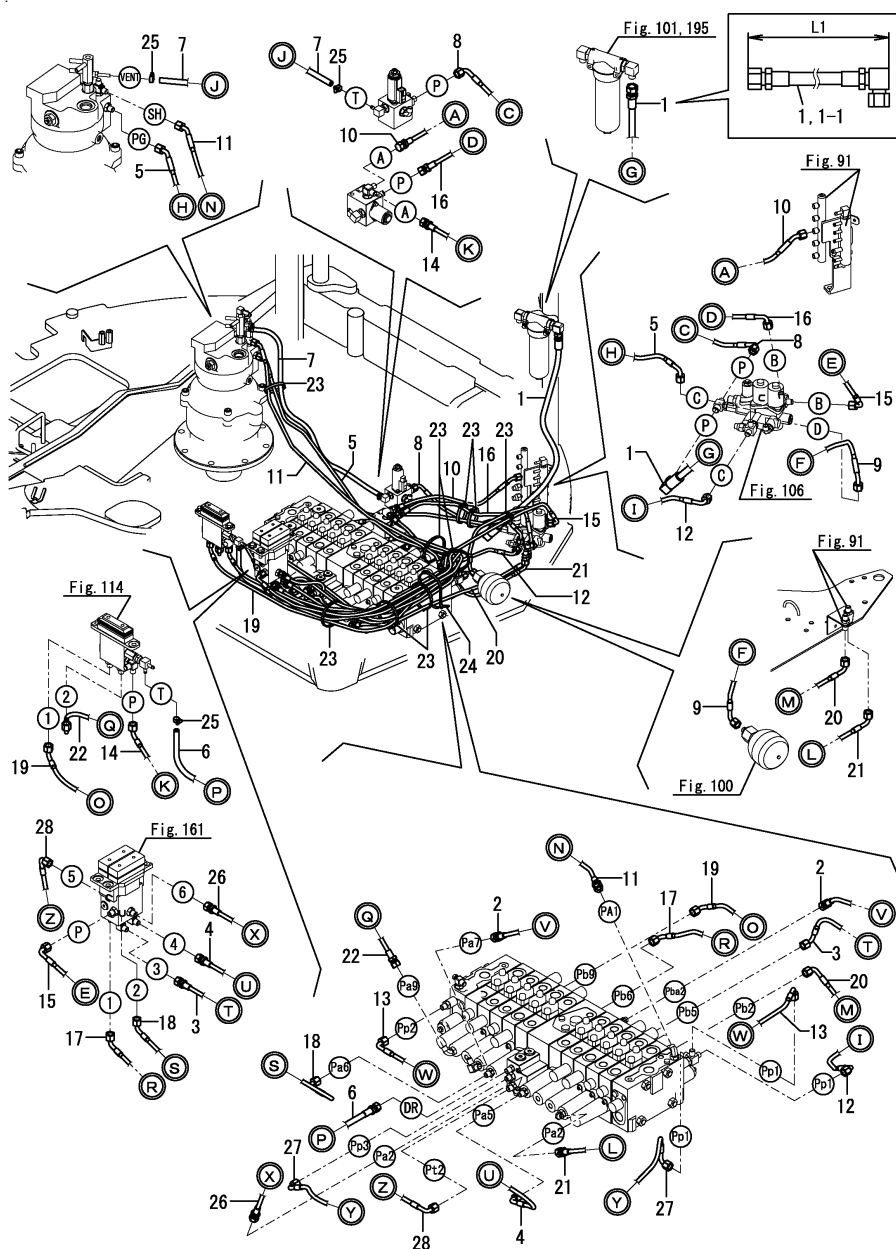


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76170	PLATE		2						
2	1	172B11-76510	PLATE, CLAMP Q HV		1						
2-1	1	172B11-76510-1	PLATE, CLAMP Q HV		1						S
(B=*2021.12)											
3	1	172137-76580	COLLAR, 9X11		2						
4	1	172A69-77480-Y	TUBE ASSY, HDV		1						
4-1	1	172A69-77480-1	TUBE ASSY,HDV L		1						S
(B=*2021.12)											
5	1	172A69-77500-Y	TUBE ASSY, HDV		1						
5-1	1	172A69-77500-1	TUBE ASSY,HDV R		1						S
(B=*2021.12)											
6	1	26014-080162	BOLT, M8X 16		2						
7	1	26014-080252	BOLT, M8X 25		2						
8	1	172126-11510	BAND, BINDING 300		1						
9	1	194202-56460	BAND, BINDING 200		7						
10	1	172A69-79200	CLAMP, 54X25		2						
11	1	172A69-79210	SUPPORT, HOSE RUBBER		4						
12	1	172A69-79220	COLLAR, 9X24		2						
13	1	172A69-79690	HOSE, H108BB168K		1						
14	1	172B36-79700	HOSE, H606BC288K		1						
15	1	172A69-79711	HOSE, H604CC285K		1						
16	1	172B36-79720	HOSE, H606BB275K		1						
17	1	172A69-79730	HOSE, H604BC280K		1						
18	1	172A69-79740	HOSE, H604BB137K		1						
19	1	172A69-79750	HOSE, H604BB139K		1						
20	1	1E6212-82820	CLIP, COD-173219		1						
21	1	26013-080402	BOLT, M8X 40		2						
22	1	172126-11510	BAND, BINDING 300		2						
23	1	172A69-78670	COVER, HOSE		1						

Fig.178. (136B)CONTROL PIPING(CONTROL VALVE - SOLENOID VALVE) (P.T.O.)

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

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



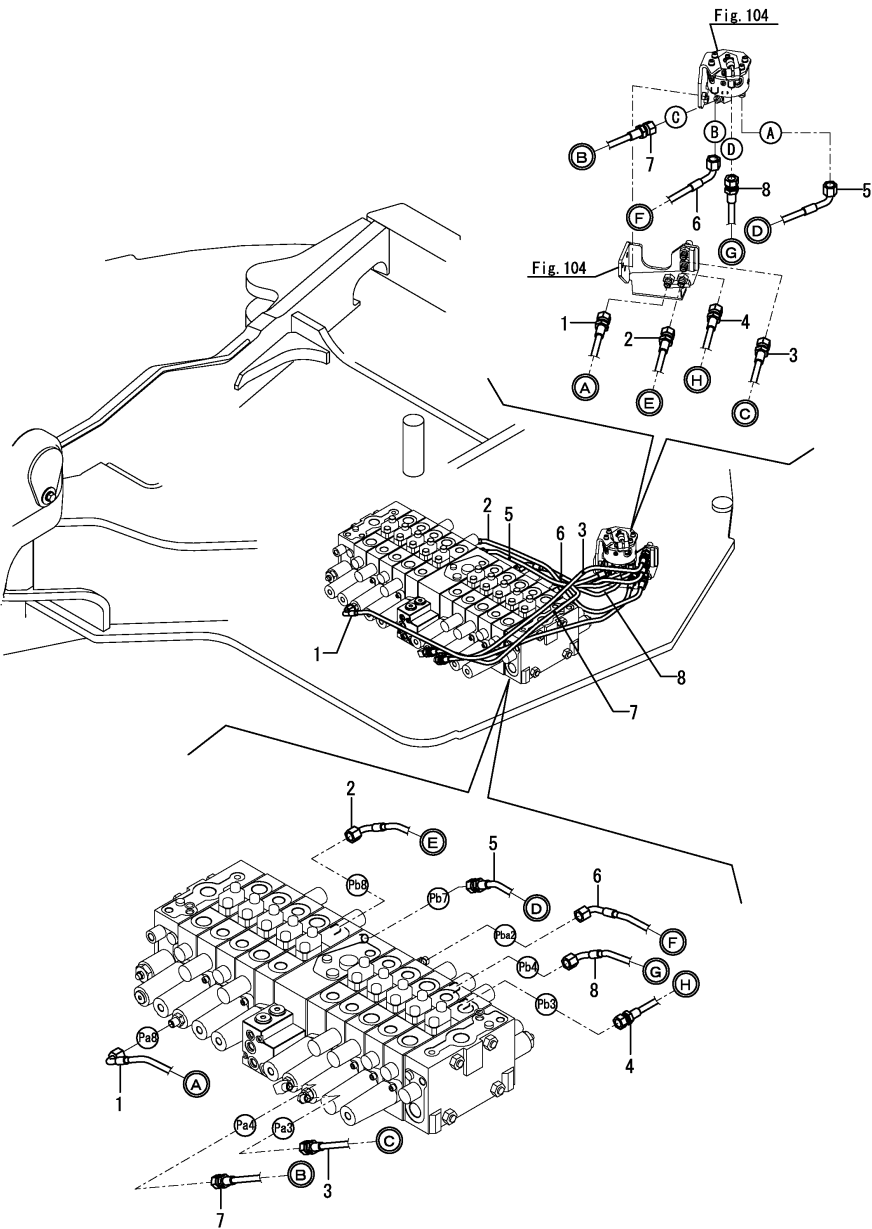
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-78191	HOSE, H606BV077	1	1						
1-1	1	172B62-78310	HOSE, H606BV079S	1	1					S	1
		(A=M00753)	(B=M00753)								
2	1	172455-78430	HOSE	1	1						
3	1	172B36-78470	HOSE, F403BC102	1	1						
4	1	172B36-78490	HOSE, H603BC034	1	1						
5	1	172B36-78500	HOSE, F403CE118S	1	1						
6	1	172B36-78520	HOSE, G804BY039	1	1						
7	1	172B36-78730	HOSE, G804YY076S	1	1						
8	1	172B36-78850	HOSE, F403CC033S	1	1						
9	1	172B11-78881	HOSE, H603CE058	1	1						
10	1	172B36-78890	HOSE, F403BE046S	1	1						
11	1	172B27-78910	HOSE, F403BE125S	1	1						
12	1	172B36-78910	HOSE, F403CC040	1	1						
13	1	172B36-78930	HOSE, F403CC103	1	1						
14	1	172A64-79220	HOSE, F403BC138	1	1						
15	1	172437-79400	HOSE F403CC137S	1	1						
16	1	172B03-79430	HOSE, F403BC047S	1	1						
17	1	172B36-79450	HOSE, F403CC119	1	1						
18	1	172B36-79460	HOSE, H603CC026	1	1						
19	1	172B36-79500	HOSE, F403CC152	1	1						
20	1	172B36-79640	HOSE, F403CC031	1	1						
21	1	172B36-79650	HOSE, F403BC084	1	1						
22	1	172B36-79510	HOSE, H603BC023	1	1						
23	1	172126-11510	BAND, BINDING 300	9	9						
24	1	172122-79890	CLAMP, HOSE 350	1	1						
25	1	23000-013000	CLAMP, 13	3	3						
26	1	172663-78800	HOSE,F403BB029	1	1						
27	1	172B36-78810	HOSE, F403CC082	1	1						
28	1	172B36-78820	HOSE, F403CC029	1	1						

Remarks

(1)L1=No.1 : 770mm, No.1-1 : 790mm.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.138. CONTROL PIPING(CONTROL VALVE - 2-WAY VALVE)



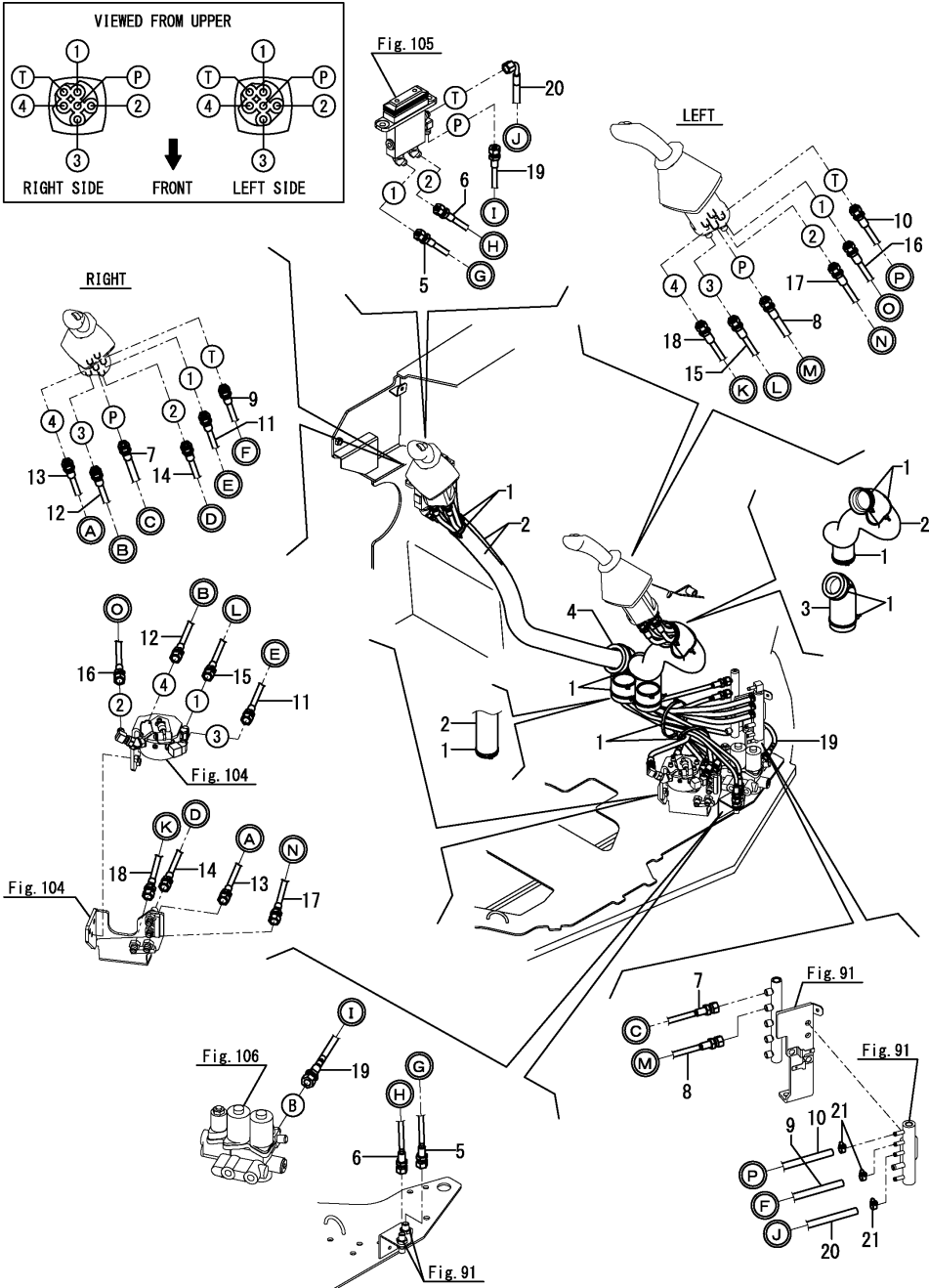
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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 & 177(123A).

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

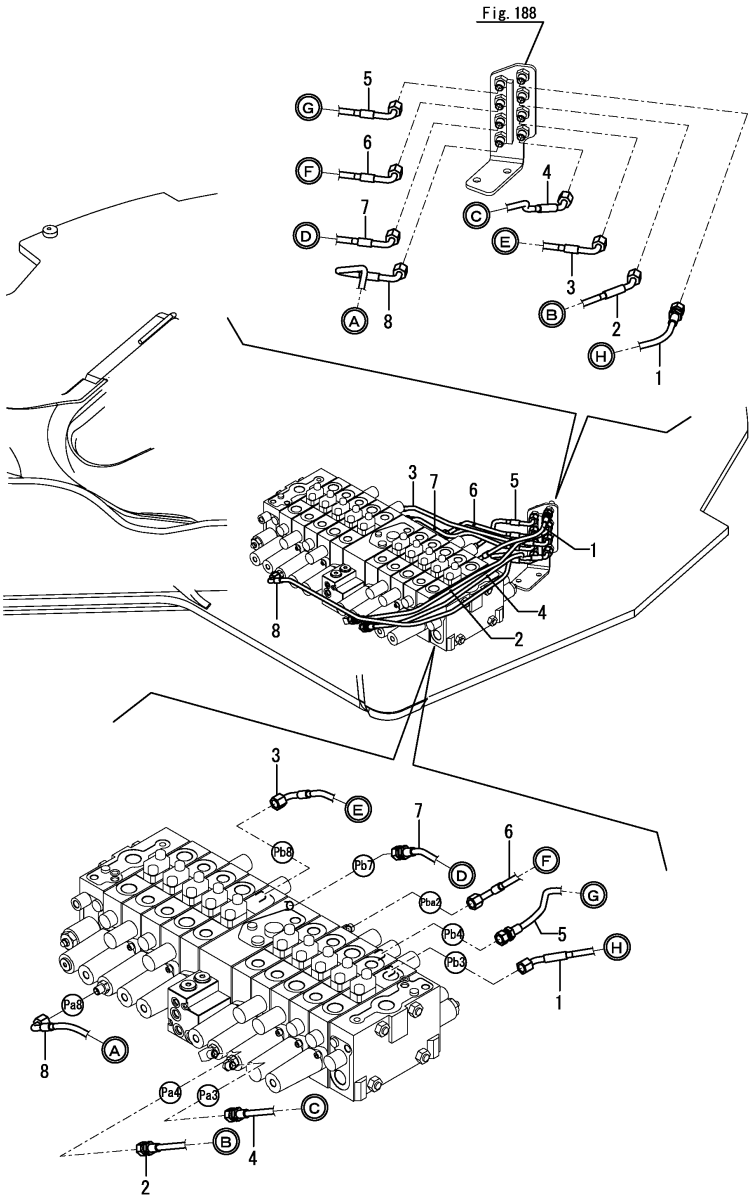


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	13							
2	1	172A69-78630	COVER, HOSE 650	3							
3	1	172A69-78650	SPONGE, HOSE 150X44	1							
4	1	172A69-78660	SPONGE, HOSE 150X53	1							
5	1	172B36-78670	HOSE, F403BB125	1							
6	1	172B36-78680	HOSE, F403BB128	1							
7	1	172B36-78690	HOSE, H603BB111	1							
8	1	172A69-78711	HOSE, H603BB097	1							
9	1	172A69-78720	HOSE, G804BY120	1							
10	1	172A69-78731	HOSE, G804BY103	1							
11	1	172A69-78740	HOSE, H603BB134	1							
12	1	172A69-78750	HOSE, H603BB123	1							
13	1	172A69-78760	HOSE, H603BB130	1							
14	1	172A69-78770	HOSE, H603BB126	1							
15	1	172A69-78781	HOSE, H603BB112	1							
16	1	172A69-78791	HOSE, H603BB111	1							
17	1	172A69-78801	HOSE, H603BB111	1							
18	1	172A69-78811	HOSE, H603BB110	1							
19	1	172B36-79660	HOSE, H603BB145	1							
20	1	172B36-79670	HOSE, G804CY115	1							
21	1	23000-013000	CLAMP, 13	3							

Fig.192. (139A)CONTROL PIPING(CONTROL VALVE - PIPING BRACKET)

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

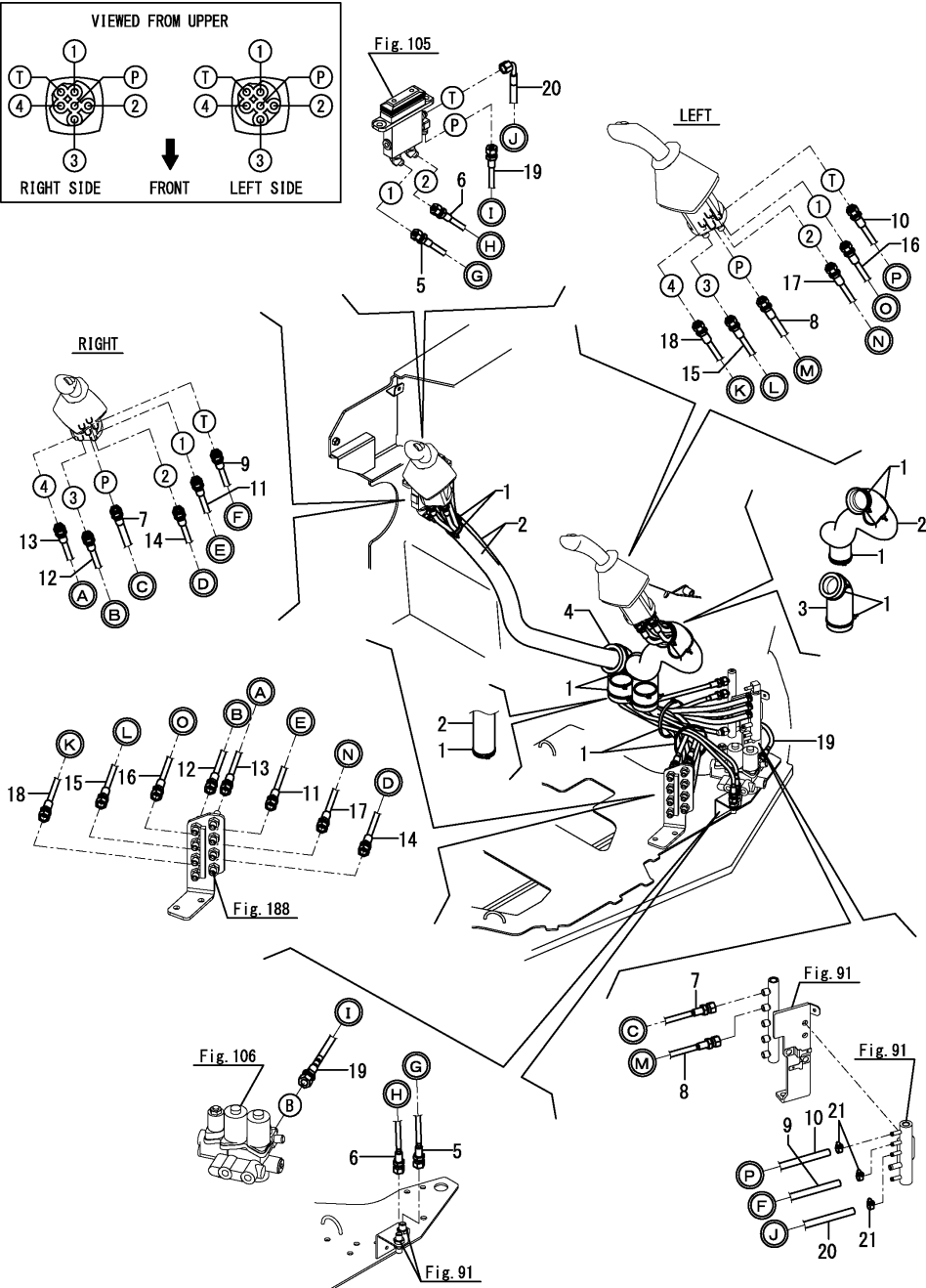
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-79250	HOSE, F403BC032		1						
2	1	172B36-79260	HOSE, F403BE077		1						
3	1	172B36-79270	HOSE, F403CC047		1						
4	1	172B36-79280	HOSE, F403BE075		1						
5	1	172B36-79290	HOSE, H603BC028		1						
6	1	172B36-79470	HOSE, F403CC027		1						
7	1	172B36-79480	HOSE, F403BC037		1						
8	1	172B36-79490	HOSE, F403CC120		1						

Remarks
* Fitting(control valve) is shown in Fig.123 & 177(123A).

Fig.193. (139B)CONTROL PIPING(PIPING BRACKET - REMOTE CONTROL VALVE)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300		13						
2	1	172A69-78630	COVER, HOSE 650		3						
3	1	172A69-78650	SPONGE, HOSE 150X44		1						
4	1	172A69-78660	SPONGE, HOSE 150X53		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, H603BB097		1						
9	1	172A69-78720	HOSE, G804BY120		1						
10	1	172A69-78731	HOSE, G804BY103		1						
11	1	172A69-78740	HOSE, H603BB134		1						
12	1	172A69-78750	HOSE, H603BB123		1						
13	1	172A69-78760	HOSE, H603BB130		1						
14	1	172A69-78770	HOSE, H603BB126		1						
15	1	172A69-78781	HOSE, H603BB112		1						
16	1	172A69-78791	HOSE, H603BB111		1						
17	1	172A69-78801	HOSE, H603BB111		1						
18	1	172A69-78811	HOSE, H603BB110		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)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A69-78970	HOSE, G804YY010	1	1						
2	1	23000-013000	CLAMP, 13	2	2						

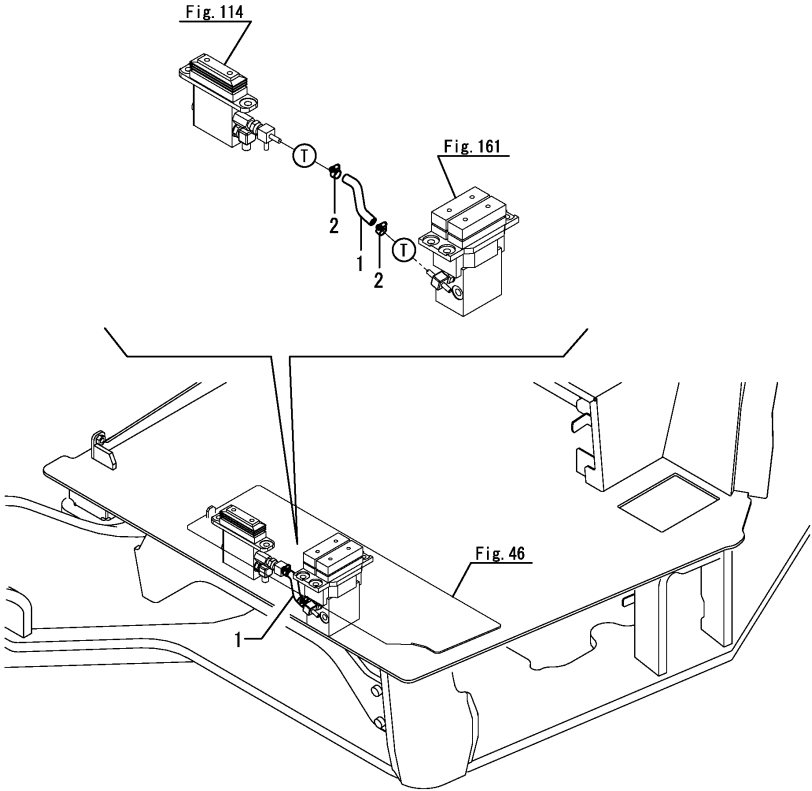
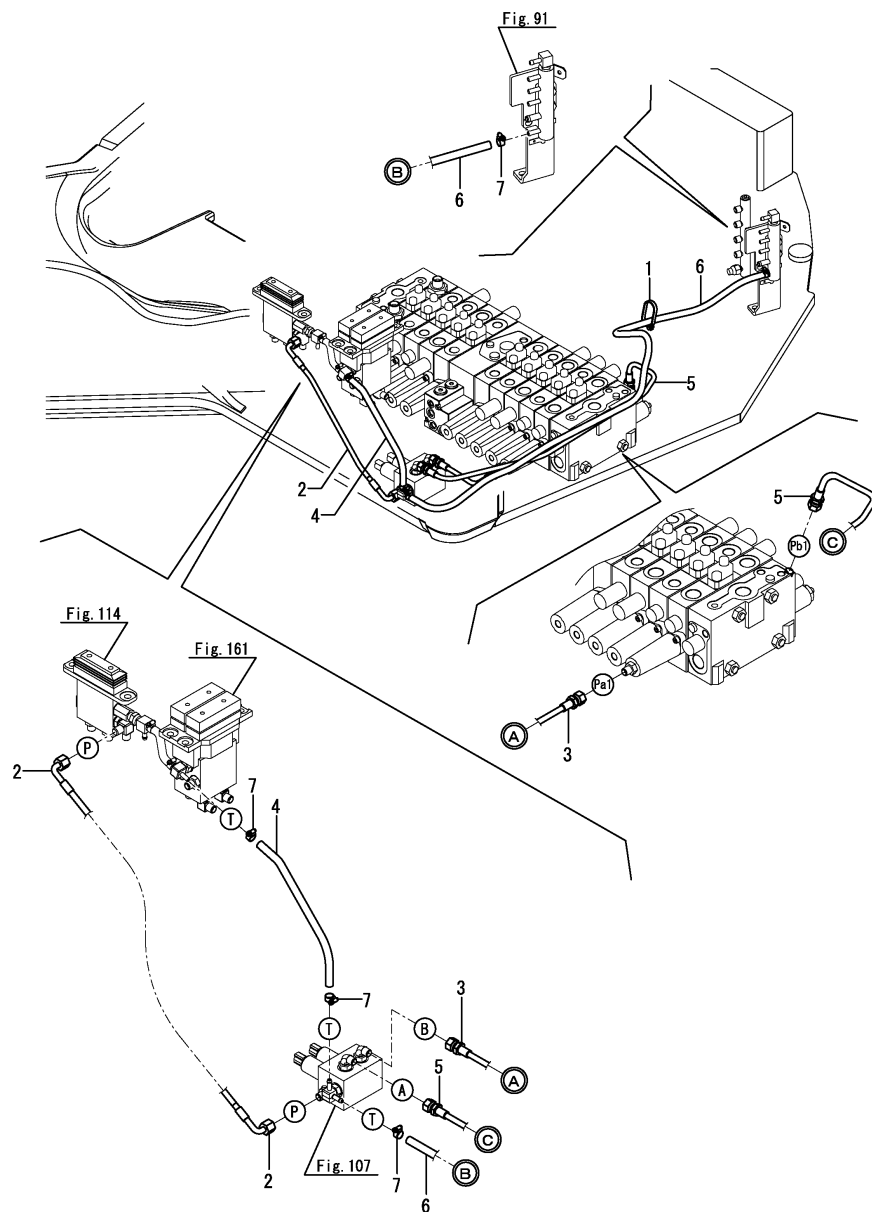


Fig.141. CONTROL PIPING(P.T.O.)



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1	1						
2	1	172B36-78910	HOSE, F403CC040	1	1						
3	1	172A69-79490	HOSE, H603BB020	1	1						
4	1	172B11-79540	HOSE, G604YY029	1	1						
5	1	172B12-79400	HOSE, F403BB078	1	1						
6	1	172B36-79970	HOSE, G804YY125	1	1						
7	1	23000-013000	CLAMP, 13	4	4						

* Fitting(control valve) is shown in Fig.123 & 177(123A).

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

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

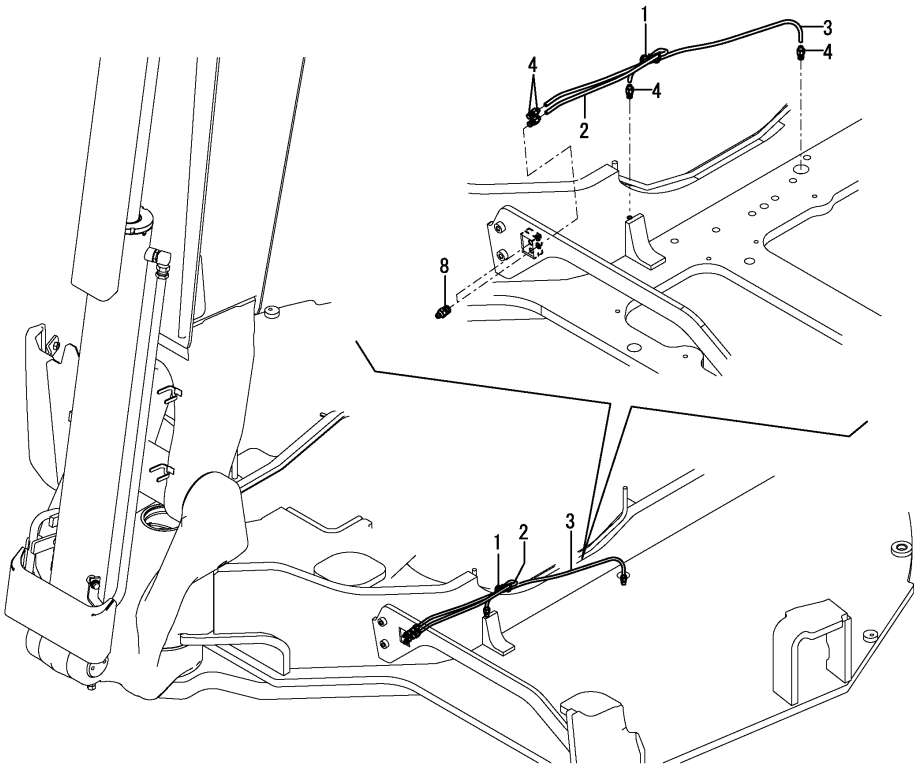
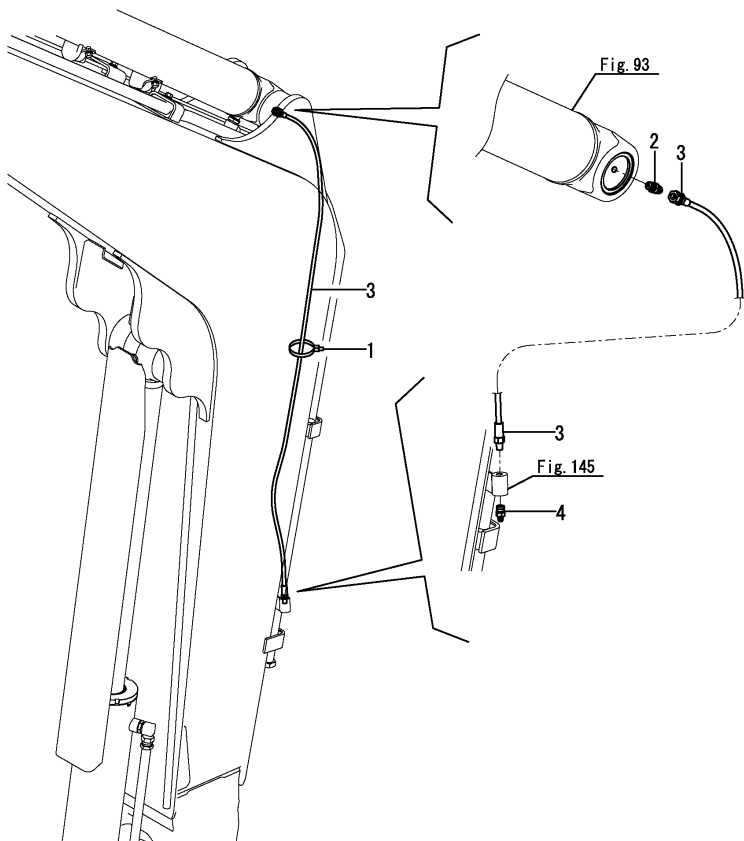


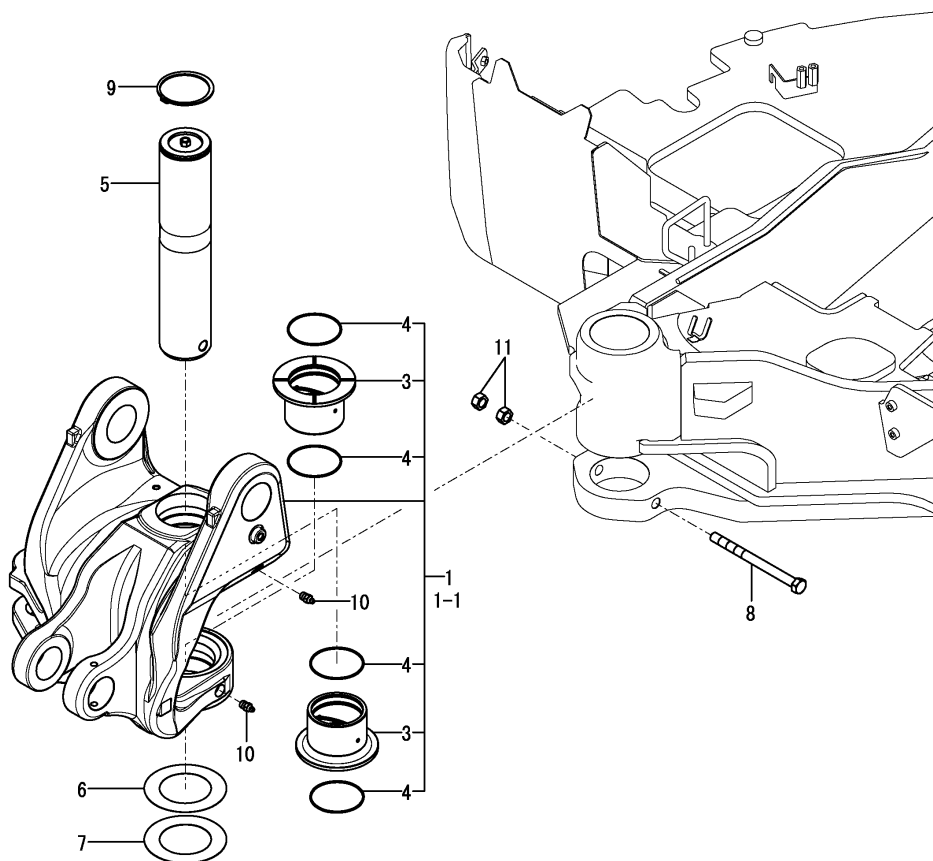
Fig.143. GREASING(BOOM)



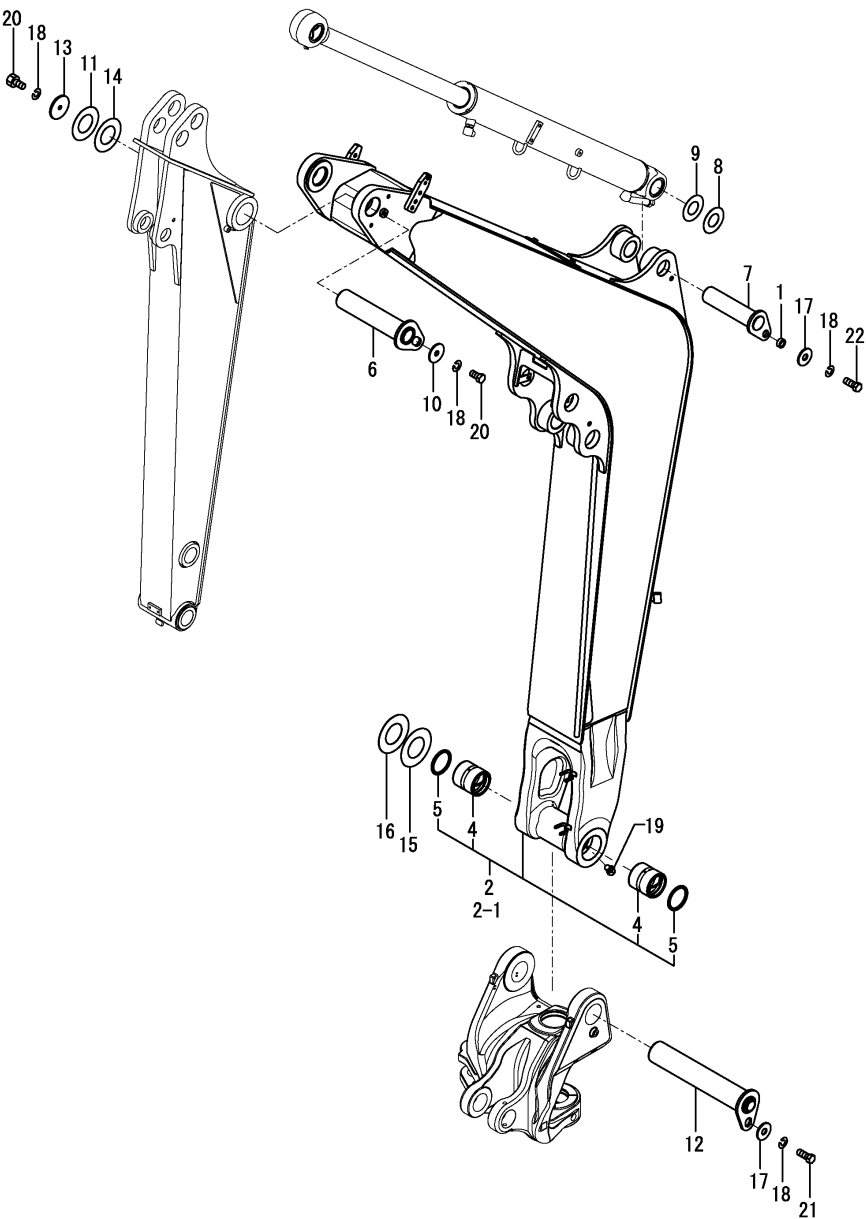
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194202-56460	BAND, BINDING 200	1	1						
2	1	172112-77580	JOINT, STRAIGHT 1/8	1	1						
3	1	172A89-77820	HOSE, P20AF141	1	1						
4	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						



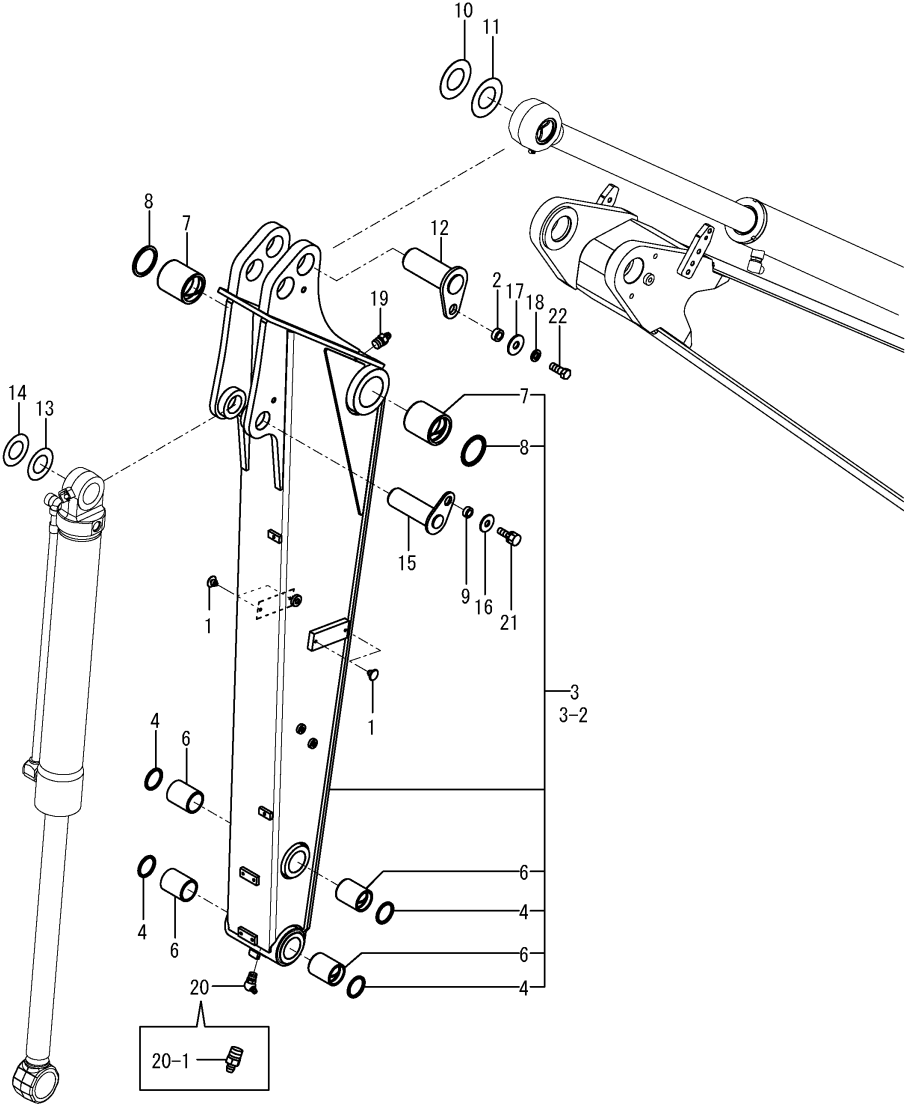
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A89-82300-Y	BRACKET ASSY, BOOM	1	1						
1-1	1	172A89-82300-1	BRACKET ASSY,BOOM	1	1						S
		(A=*2021.12)	(B=*2021.12)								
3	2	172A89-82320	BUSH, 100X90	2	2						
4	2	24321-001000	O-RING, 1AG100.0	4	4						
5	1	172187-82330	PIN ASSY, 100X487	1	1						
6	1	172187-82400	SHIM, 100X160X0.5	1	1						
7	1	172187-82410	SHIM, 100X160X0.8	1	1						
8	1	172187-82420	BOLT, 18X230	1	1						
9	1	22242-001000	RING, 100	1	1						
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
11	1	26716-180002	NUT, M18	2	2						



(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	1	172A89-81100-Y	BOOM ASSY, EX	1	1						
2-1	1	172A89-81100-1	BOOM ASSY, EX	1	1						S
(A)=*2021.12) (B)=*2021.12)											
4	2	172A52-81352	BUSH, 80X95 A	2	2						
5	2	172162-81430	SEAL, DUST 80X95X5	2	2						
6	1	172499-81751	PIN ASSY, 70X315	1	1						
7	1	172187-81840	PIN ASSY, 60X243	1	1						
8	1	172499-81850	SHIM, 60X100X0.8	1	1						
9	1	172499-81860	SHIM, 60X100X0.5	1	1						
10	1	172187-81970	WASHER, 15X58X3.2	1	1						
11	1	172445-81990	SHIM, 70X130X0.8	1	1						
12	1	172187-82340	PIN ASSY, 80X435	1	1						
13	1	172187-82430	WASHER, 15X90X6	1	1						
14	1	172162-83580	SHIM, 70X130X0.5	1	1						
15	1	172162-83600	SHIM, 80X150X0.5	1	1						
16	1	172162-83610	SHIM, 80X150X1.2	1	1						
17	1	22157-140000	WASHER, 14	2	2						
18	1	22217-140000	WASHER, SPRING 14	4	4						
19	1	24761-040000	NIPPLE, GREASE B	2	2						
20	1	26116-140252	BOLT, M14X 25 PLATED	2	2						
21	1	26116-140252	BOLT, M14X 25 PLATED	1	1						
22	1	26116-140352	BOLT, M14X 35 PLATED	1	1						



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

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

OCK50-M01331 Fig.146

Q'ty

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172444-17660	CLIP, TREE 8	4	4						
2	1	172155-45790	SPACER	1	1						
3	1	172A89-81470-Y	ARM, 1650 EX	1							
3-1	1	172A89-81471-Y (A=M00592)	ARM, 1650 EX	1	1						N
3-2	1	172A89-81471-1	ARM, 1650 EX	1	1						S
3-3	1	172A89-81472-1 (A=*2023.04)	ARM, 1650 EX (B=*2023.04)	1	1						N
4	2	172448-54120	SEAL, DUST 50X60X4	4	4						
6	2	172187-81710	BUSH, 50X75	4	4						
7	2	172162-82280	BUSH, 70X85	2	2						
8	2	172162-82350	SEAL, DUST 70X85X5	2	2						
9	1	172164-81670	SPACER	1	1						
10	1	172175-81700	SHIM, 60X110X0.8	1	1						
11	1	172175-81710	SHIM, 60X110X0.5	1	1						
12	1	172187-81861	PIN ASSY, 60X155	1	1						
13	1	172165-82520	SHIM, 50X90X0.5	1	1						
14	1	172165-82530	SHIM, 50X90X1.2	1	1						
15	1	172458-83650	PIN ASSY, 50X153	1	1						
16	1	22157-120000	WASHER, 12	1	1						
17	1	22157-140000	WASHER, 14	1	1						
18	1	22217-140000	WASHER, SPRING 14	1	1						
19	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
20	1	24761-040000	NIPPLE, GREASE B	1	1						
20-1	1	24761-020000 (A=*2023.04)	NIPPLE, GREASE PT1/8 (B=*2023.04)	1	1						S
21	1	26013-120302	BOLT, M12X 30	1	1						
22	1	26116-140352	BOLT, M14X 35 PLATED	1	1						

N:Old
No

Yes

New

Q:Old
No

Yes

New

R:Old
No

Yes

New

S:Old
No

Yes

New

W:Add

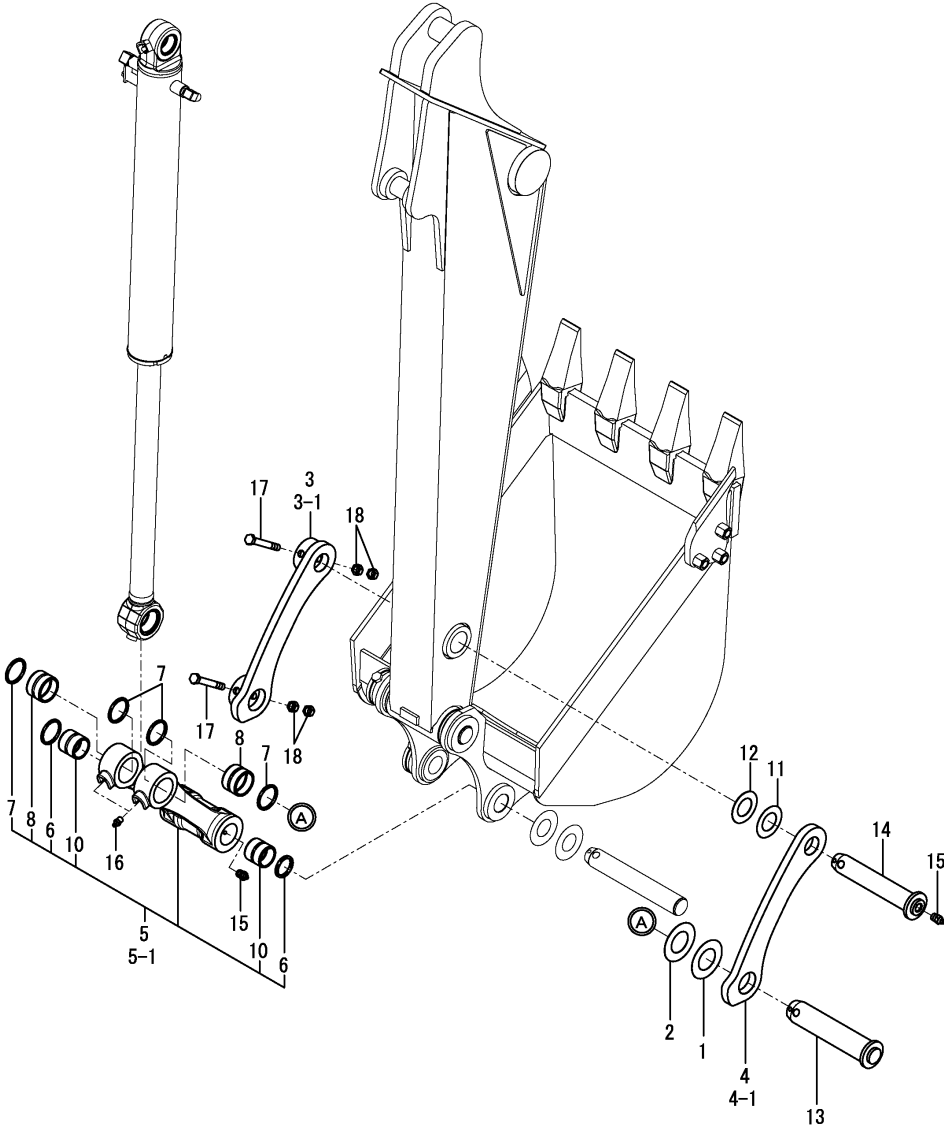
Z:Discontinued

F:Interchangeable by set

K:Q'ty Change

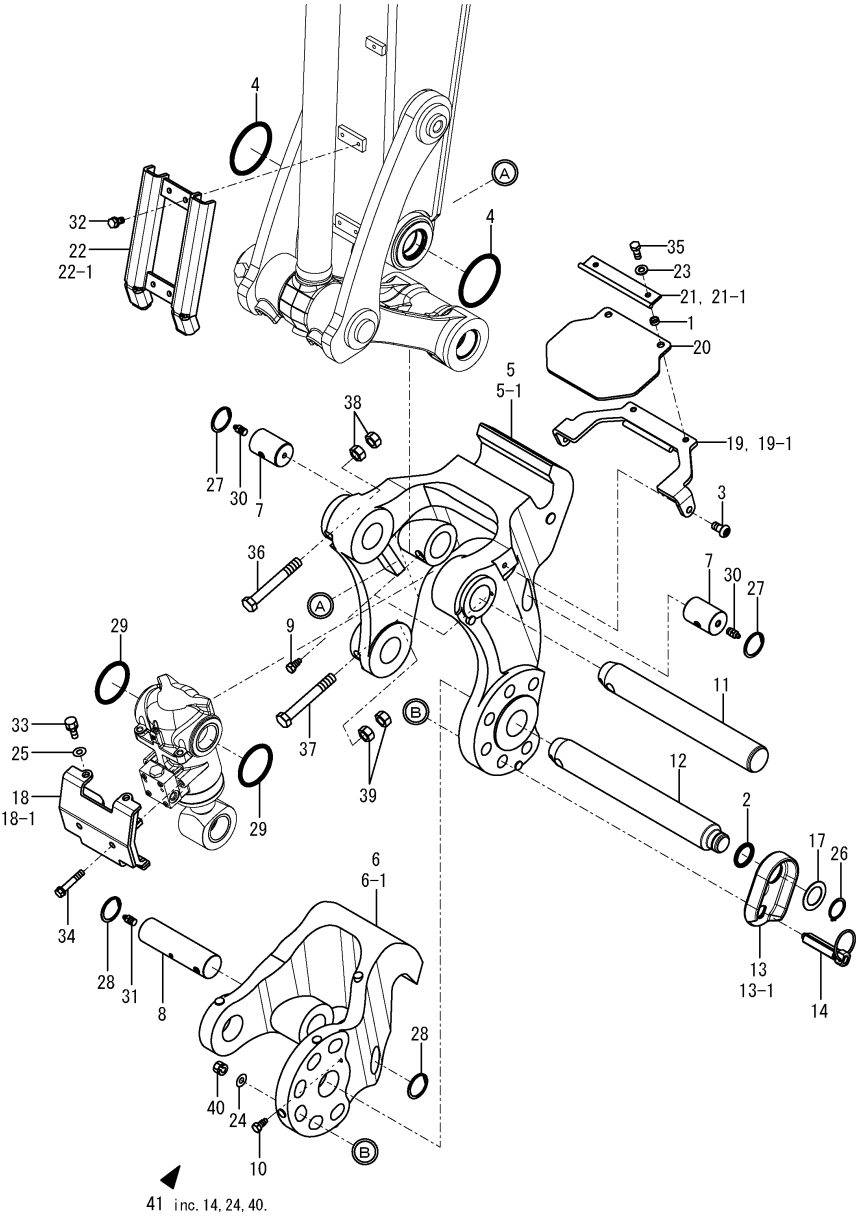
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0CK50-M01331 IMPLEMENT
Fig.147. BUCKET ARM & LINK



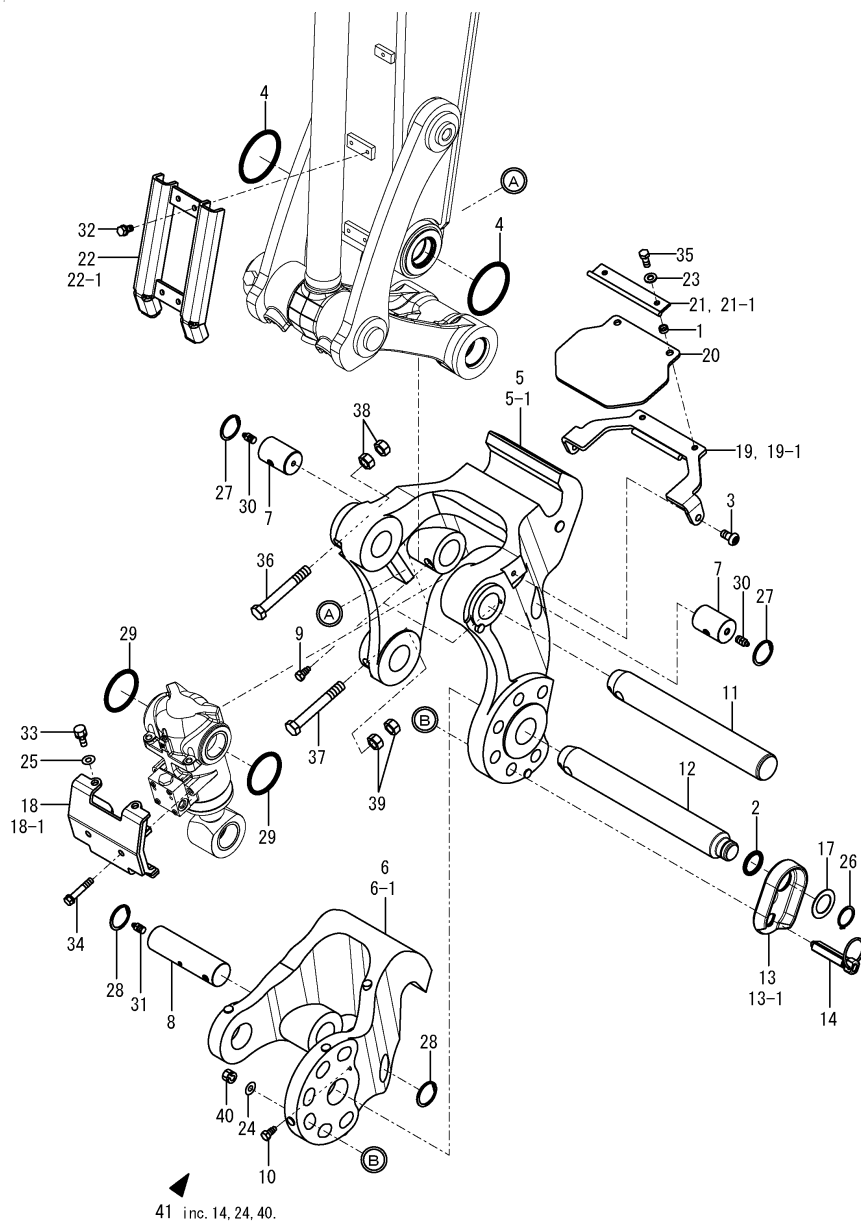
0CK50-M01331 Fig.147									
				(A)=VIO82 C(AS) (B)=VIO82 C(KR) (C)=	(D)= (E)= (F)=				
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty (C) (D) (E) (F)			I R
1	1	172175-81700	SHIM, 60X110X0.8	1	1				
2	1	172175-81710	SHIM, 60X110X0.5	1	1				
3	1	172455-82380-Y	ARM, BUCKET	1	1				
3-1	1	172455-82380-3	ARM, BUCKET	1	1				S
		(A="2021.12)	(B="2021.12)						
4	1	172455-82391-Y	ARM, BUCKET	1	1				
4-1	1	172455-82391-3	ARM, BUCKET	1	1				S
		(A="2021.12)	(B="2021.12)						
5	1	172499-82400-Y	LINK, BUCKET	1	1				
5-1	1	172499-82400-2	LINK, BUCKET	1	1				S
		(A="2021.12)	(B="2021.12)						
6	2	172448-54120	SEAL, DUST 50X60X4	2	2				
7	2	172168-54760	SEAL, DUST 60X70X4	4	4				
8	2	172455-82360	BUSH, 60X47	2	2				
10	2	172187-83040	BUSH, 50X60X54.5	2	2				
11	1	172165-82520	SHIM, 50X90X0.5	1	1				
12	1	172165-82530	SHIM, 50X90X1.2	1	1				
13	1	172455-83350	PIN ASSY, 60X248	1					
13-1	1	172455-83351	PIN ASSY, 60X248	1	1				N
		(A=M00592)							
14	1	172455-83360	PIN ASSY, 50X248	1	1				
15	1	24761-020000	NIPPLE, GREASE PT1/8	3	3				
16	1	24761-020000	NIPPLE, GREASE PT1/8	2	2				
17	1	26116-161202	BOLT, M16X120 PLATED	2	2				
18	1	26716-160002	NUT, M16	4	4				

OCK50-M01331 IMPLEMENT
Fig.148. QUICK COUPLER



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17121	COLLAR, 9X4	2	2						
2	1	172124-46200	O-RING, 27.6X5.7	1	1						
3	1	172455-61720	BOLT, BUTTON	2	2						
4	1	172162-82360	O-RING, 86X8	2	2						
5	1	172978-83101-Y	BRACKET, A	1	1						
5-1	1	172978-83101-4	BRACKET, A	1	1						S
		(A=M01003)	(B=M01006)								
6	1	172978-83111-Y	BRACKET, B	1	1						
6-1	1	172978-83111-4	BRACKET, B	1	1						S
		(A=M01003)	(B=M01006)								
7	1	172978-83120	PIN, 45X65	2	2						
8	1	172978-83130	PIN, 45X161	1	1						
9	1	172978-83140	BOLT, LOCK	2	2						
10	1	172978-83140	BOLT, LOCK	1	1						
11	1	172978-83150	PIN, 50X345	1	1						
12	1	172978-83161	PIN, 50X373	1	1						
13	1	172978-83170-Y	PLATE, LOCK	1	1						
13-1	1	172978-83170-4	PLATE, LOCK	1	1						S
		(A=M01003)	(B=M01006)								
14	1	172978-83191	PIN ASSY, LOCK	1	1						
17	1	172960-83210	COLLAR, 35.5X55X1.6	1	1						
18	1	172978-83221-Y	COVER, HITCH CYLINDER	1	1						
18-1	1	172978-83221-3	COVER, HITCH	1	1						S
		(A=M01003)	(B=M01006)								
19	1	172978-83270-Y	GUARD ASSY	1	1						
19-1	1	172978-83270-5	GUARD ASSY	1	1						S
		(A=M01003)	(B=M01006)								
20	1	172978-83292	PLATE, RUBBER	1	1						
21	1	172978-83300-Y	PLATE ASSY	1	1						
21-1	1	172978-83300-4	PLATE ASSY	1	1						S
		(A=M01003)	(B=M01006)								
22	1	172978-83320-Y	COVER, ARM	1	1						
22-1	1	172978-83320-4	COVER, ARM	1	1						S
		(A=M01003)	(B=M01006)								
23	1	22137-080000	WASHER, 8	2	2						
24	1	22137-100000	WASHER, 10	1	1						
25	1	22137-100000	WASHER, 10	2	2						
26	1	22242-000350	RING, 35	1	1						
27	1	22252-000450	RING, 45	2	2						
28	1	22252-000450	RING, 45	2	2						
29	1	24311-000700	O-RING, 1AP70.0	2	2						
30	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
31	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
32	1	26013-080162	BOLT, M8X 16	4	4						
33	1	26013-100252	BOLT, M10X 25	2	2						
34	1	26013-100502	BOLT, M10X 50	2	2						
35	1	26116-080202	BOLT, M8X 20 PLATED	2	2						
36	1	26116-161202	BOLT, M16X120 PLATED	1	1						
37	1	26116-161202	BOLT, M16X120 PLATED	1	1						
38	1	26716-160002	NUT, M16	2	2						
39	1	26716-160002	NUT, M16	2	2						



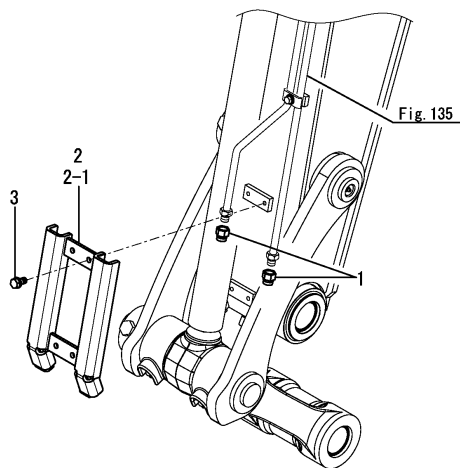
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	1	26756-100002	NUT, LOCK M10	1	1						
41	1	172B69-08990	LOCK,PIN QH KIT	1	1						1

(1) Spare parts.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.149. QUICK COUPLER ACCESSORIES(WITHOUT QUICK COUPLER BODY SPEC.)

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

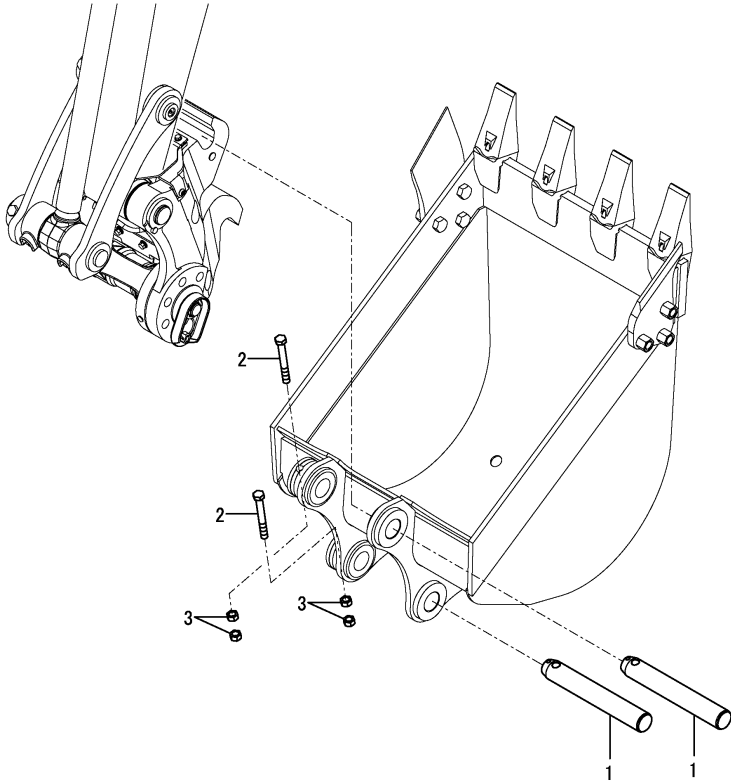
[illegible]

Remarks

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

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

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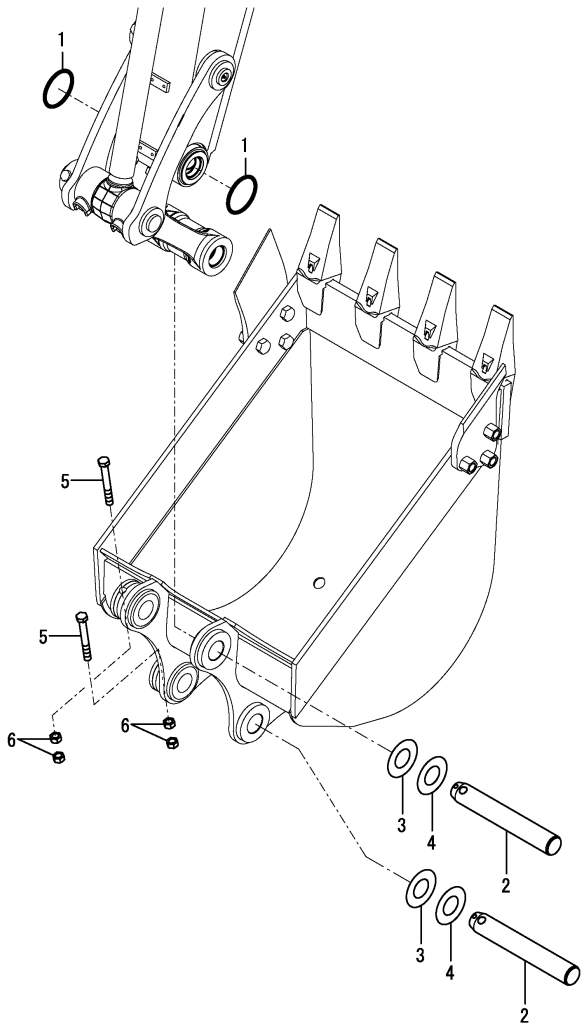
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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						
2	1	26076-161302	BOLT, 10.916X130	2	2						
3	1	26716-160002	NUT, M16	4	4						

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

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



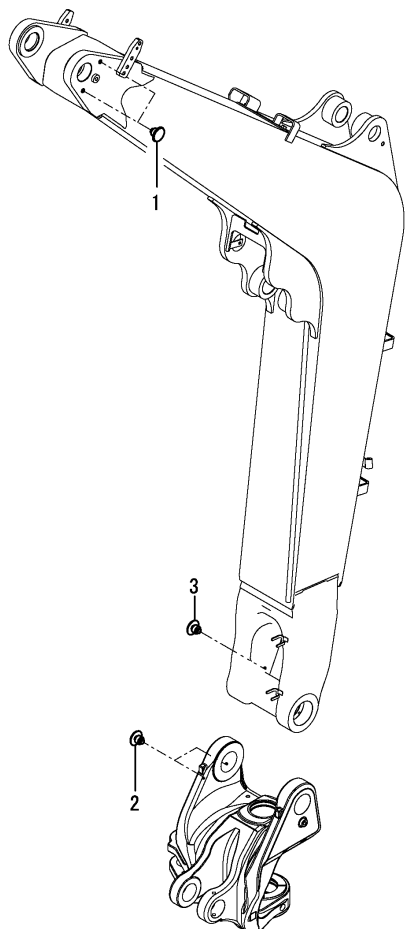
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-82360	O-RING, 86X8	2							
2	1	172455-83340	PIN, 50X301	2							
2-1	1	172978-81400	PIN, 50X301	2							N
(A=M01003)											
3	1	172162-83540	SHIM, 50X100X0.5	2							
4	1	172162-83550	SHIM, 50X100X1.2	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.

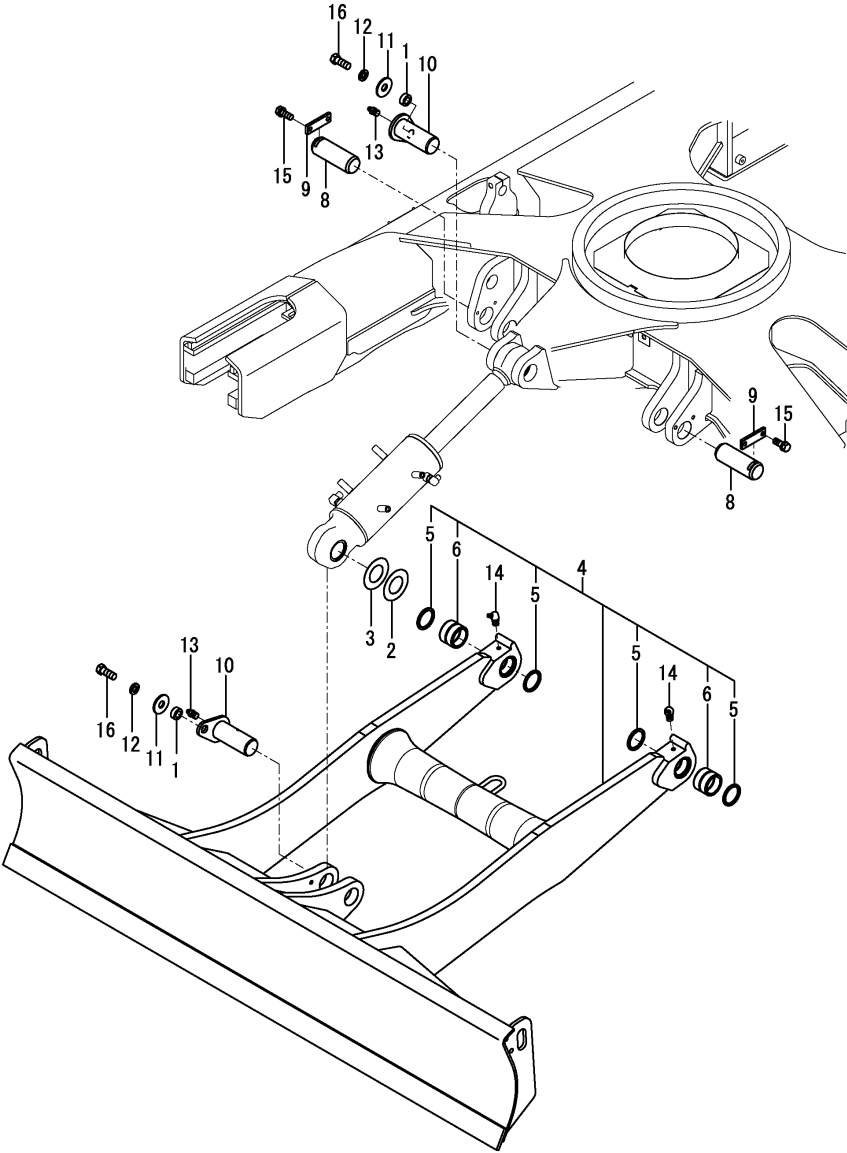
Fig.152. PLUG(IMPLEMENT)



				(A)=VIO82 C(AS)			(D)=				
				(B)=VIO82 C(KR)			(E)=				
				(C)=			(F)=				
No.	Lev.	Parts No.	Description			Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-68210	CLIP, TREE D25XL15	2	2						
2	1	172176-68210	CLIP, TREE D25XL15	2	2						
3	1	172183-81160	CLIP, TREE 9.5	1	1						

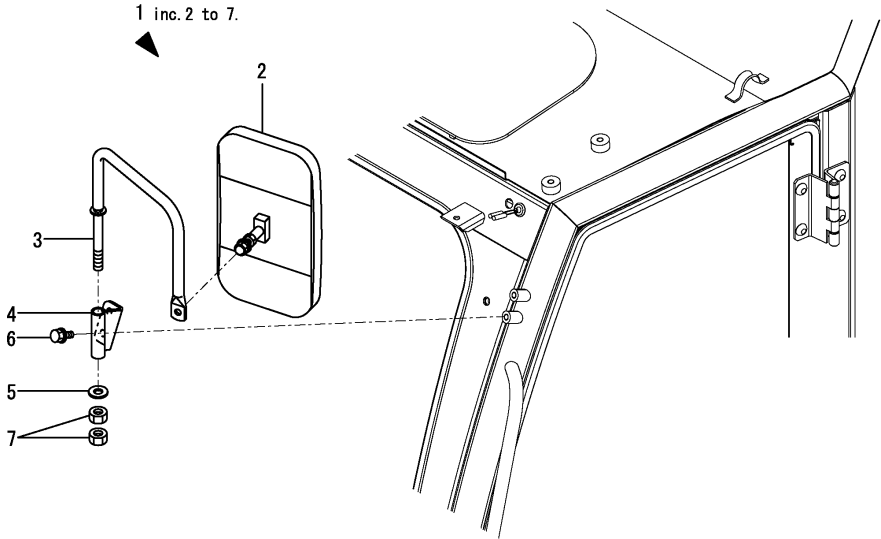
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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						
2	1	172175-81700	SHIM, 60X110X0.8	1	1						
3	1	172175-81710	SHIM, 60X110X0.5	1	1						
4	1	172A89-94100	BLADE ASSY	1	1						
5	2	172020-10620	SEAL, DUST 60X75X5	4	4						
6	2	172162-81060	BUSH, 60X55	2	2						
8	1	172162-94270	PIN, 60X150	2	2						
9	1	172162-94280-3	PLATE, LOCK	2	2						
10	1	172187-94300	PIN ASSY, 60X147	2	2						
11	1	22157-140000	WASHER, 14	2	2						
12	1	22217-140000	WASHER, SPRING 14	2	2						
13	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
14	1	24761-040000	NIPPLE, GREASE B	2	2						
15	1	26013-120302	BOLT, M12X 30	4	4						
16	1	26116-140352	BOLT, M14X 35 PLATED	2	2						

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



(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(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	1						
2	2	1W3855-50160	MIRROR ASSY,REARVIEW	1	1						
3	2	172B12-68500	STAY ASSY, MIRROR L	1	1						
4	2	172B12-68550	BRACKET ASSY, MIRROR	1	1						
5	2	22137-140000	WASHER, 14	1	1						
6	2	26014-100202	BOLT, M10X 20	2	2						
7	2	26736-140002	NUT, M14	2	2						

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

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

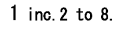
[illegible]

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

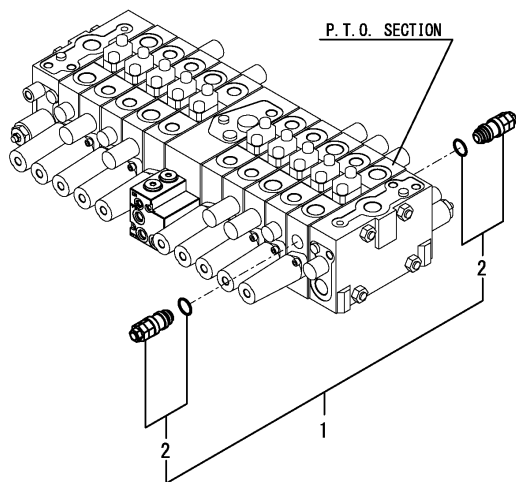
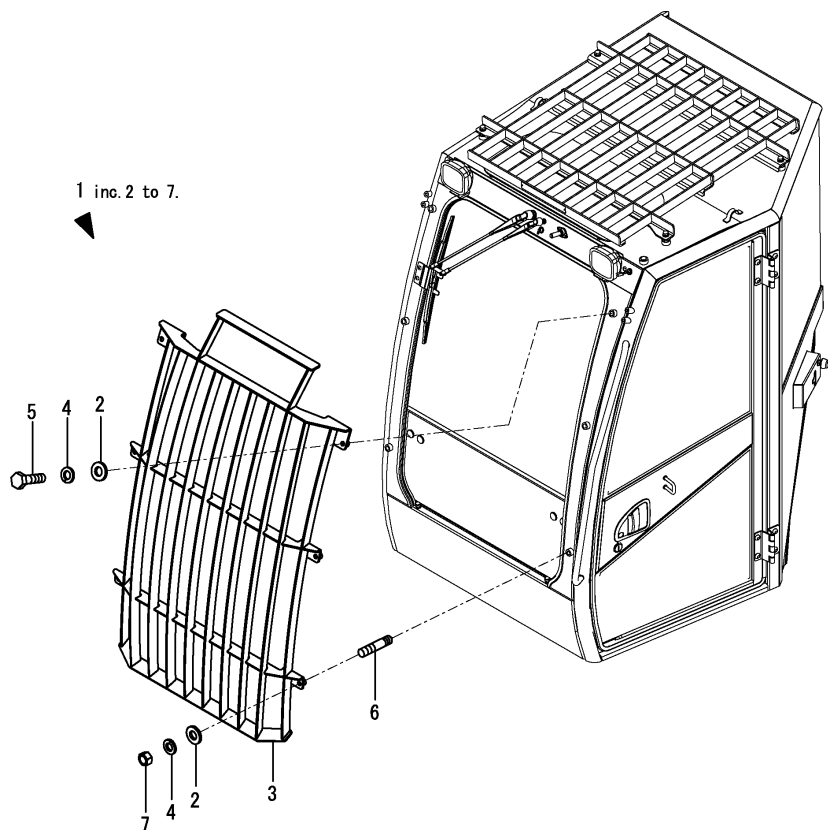
[illegible]

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

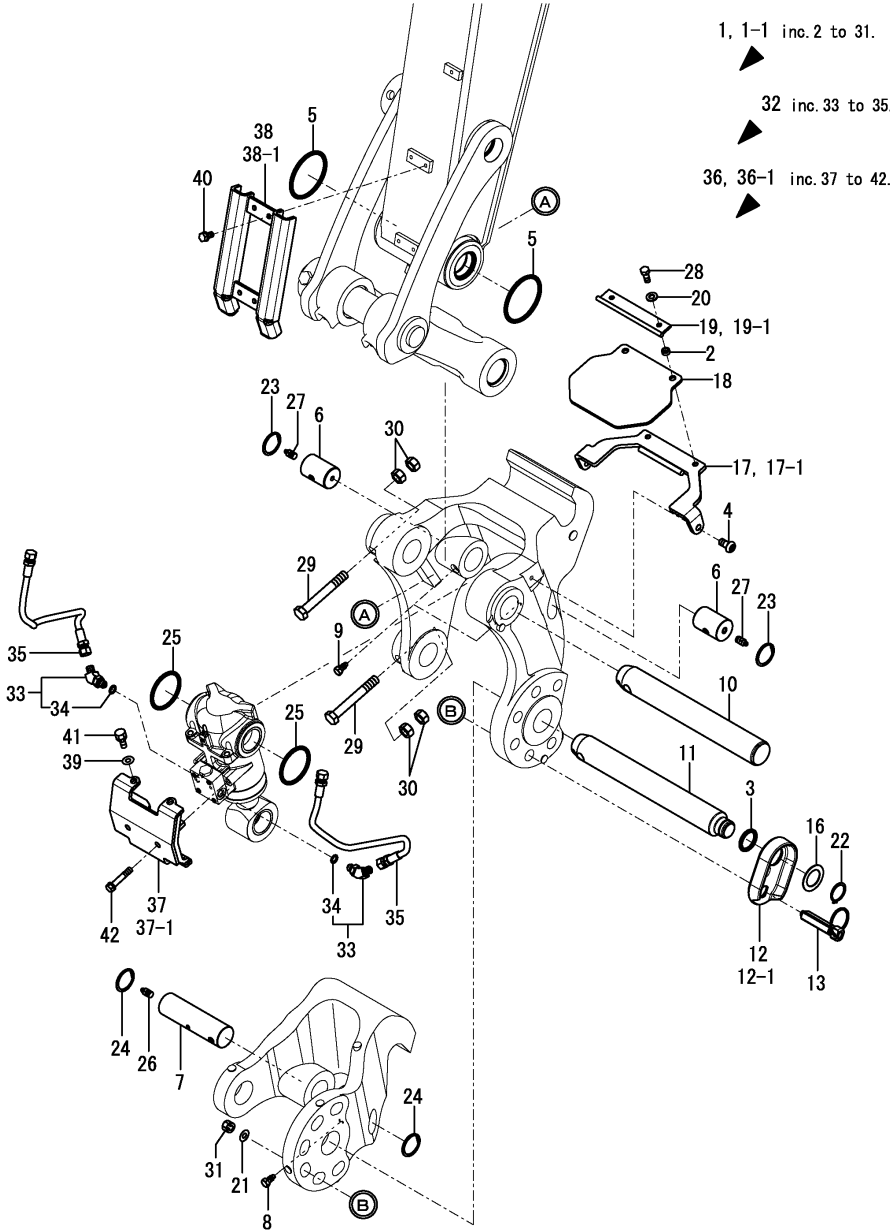


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

(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	1						
2	2	194145-04810	WASHER, 10	6	6						
3	2	172B11-68650	GUARD ASSY, CABIN	1	1						
4	2	22217-100000	WASHER, SPRING 10	6	6						
5	2	26076-100402	BOLT, 10.910X 40	4	4						
6	2	26216-100402	STUD, M10X 40	2	2						
7	2	26716-100002	NUT, M10	2	2						

Fig.197. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)

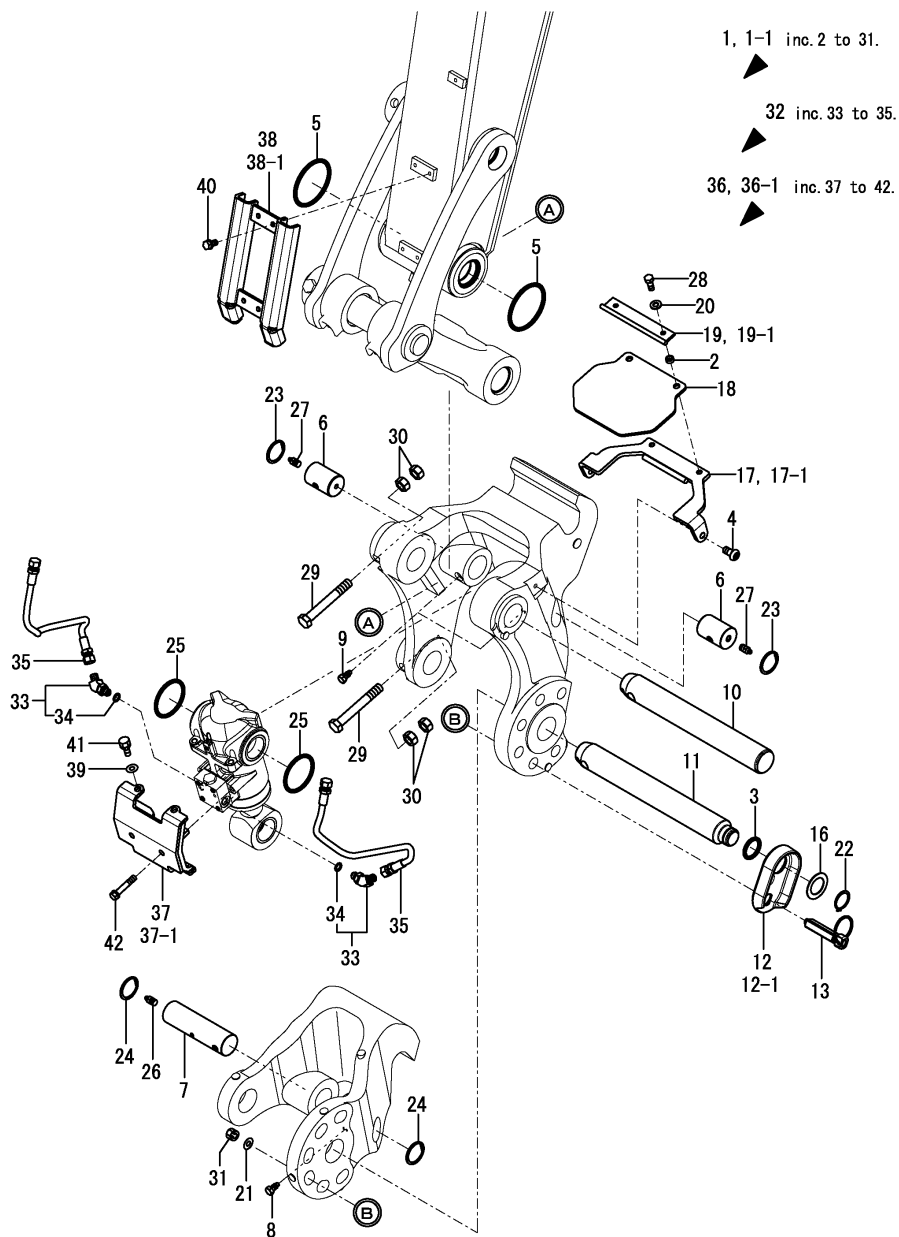


(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

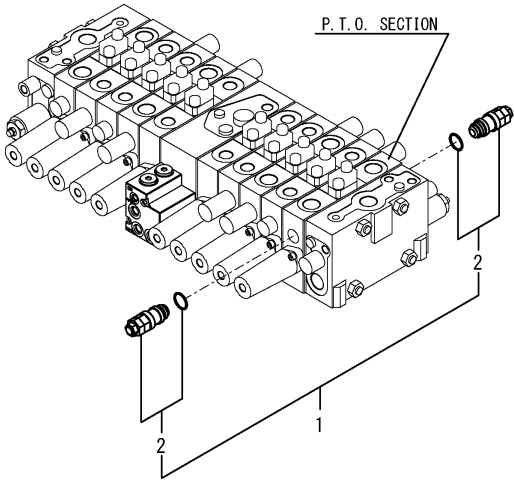
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172978-08730	OVERHAUL KIT, QH 8T	1	1						
1-1	1	172978-08730-1	OVERHAUL KIT, QH 8T	1	1						S
		(A=*2021.12)	(B=*2021.12)								
2	2	172958-17121	COLLAR, 9X4	2	2						
3	2	172124-46200	O-RING, 27.6X5.7	1	1						
4	2	172455-61720	BOLT, BUTTON	2	2						
5	2	172162-82360	O-RING, 86X8	2	2						
6	2	172978-83120	PIN, 45X65	2	2						
7	2	172978-83130	PIN, 45X161	1	1						
8	2	172978-83140	BOLT, LOCK	1	1						
9	2	172978-83140	BOLT, LOCK	2	2						
10	2	172978-83150	PIN, 50X345	1	1						
11	2	172978-83161	PIN, 50X373	1	1						
12	2	172978-83170-Y	PLATE, LOCK	1	1						
12-1	2	172978-83170-4	PLATE, LOCK	1	1						S
		(A=*2021.12)	(B=*2021.12)								
13	2	172978-83191	PIN ASSY, LOCK	1	1						
16	2	172960-83210	COLLAR, 35.5X55X1.6	1	1						
17	2	172978-83270-Y	GUARD ASSY	1	1						
17-1	2	172978-83270-5	GUARD ASSY	1	1						S
		(A=*2021.12)	(B=*2021.12)								
18	2	172978-83292	PLATE, RUBBER	1	1						
19	2	172978-83300-Y	PLATE ASSY	1	1						
19-1	2	172978-83300-4	PLATE ASSY	1	1						S
		(A=*2021.12)	(B=*2021.12)								
20	2	22137-080000	WASHER, 8	2	2						
21	2	22137-100000	WASHER, 10	1	1						
22	2	22242-000350	RING, 35	1	1						
23	2	22252-000450	RING, 45	2	2						
24	2	22252-000450	RING, 45	2	2						
25	2	24311-000700	O-RING, 1AP70.0	2	2						
26	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
27	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
28	2	26116-080202	BOLT, M8X 20 PLATED	2	2						
29	2	26116-161202	BOLT, M16X120 PLATED	2	2						
30	2	26716-160002	NUT, M16	4	4						
31	2	26756-100002	NUT, LOCK M10	1	1						
32	1	172978-08740	HOSE KIT, HYD QH 8T	1	1						
33	2	172978-76100	ELBOW, 45 PF1/4	2	2						
34	3	24315-000110	O-RING, 1BP11.0	2	2						
35	2	172958-78120	HOSE, G604BB048W	2	2						
36	1	172978-08750	COVER KIT, HYD QH 8T	1	1						
36-1	1	172978-08750-1	COVER KIT, HYD QH 8T	1	1						S
		(A=*2021.12)	(B=*2021.12)								
37	2	172978-83221-Y	COVER, HITCH CYLINDER	1	1						
37-1	2	172978-83221-3	COVER, HITCH	1	1						S
		(A=*2021.12)	(B=*2021.12)								
38	2	172978-83320-Y	COVER, ARM	1	1						
38-1	2	172978-83320-4	COVER, ARM	1	1						S
		(A=*2021.12)	(B=*2021.12)								
39	2	22137-100000	WASHER, 10	2	2						

Fig.197. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)



				(A)=VIO82 C(AS)					(D)=	
				(B)=VIO82 C(KR)					(E)=	
				(C)=					(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
40	2	26013-080162	BOLT, M8X 16	4	4					
41	2	26013-100252	BOLT, M10X 25	2	2					
42	2	26013-100502	BOLT, M10X 50	2	2					

Fig.200. P.T.O. OVER LOAD VALVE KIT(29MPa)(OPTIONAL)



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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08010	VALVE ASSY, PTO OR29	1	1						
2	2	172B36-74640	VALVE KIT,RELIEF	2	2						

Fig.203. REMODEL KIT(SPOOL IMPROVEMENT)(TO M00594)

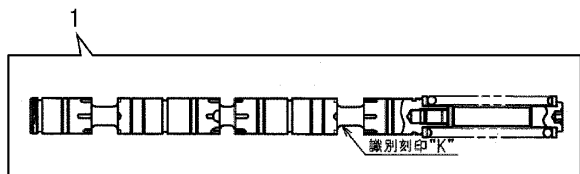
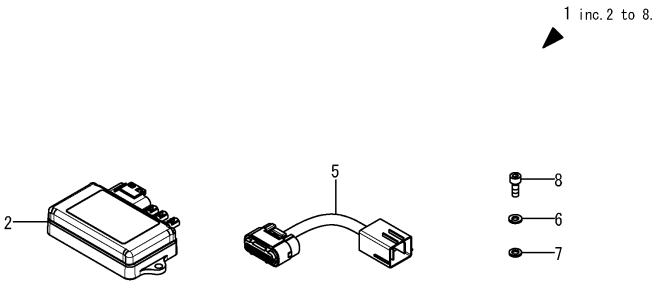
[illegible]

Fig.205. REMOTE CONTROLLER KIT(3.0G)(READY SPEC.)(OPTIONAL)



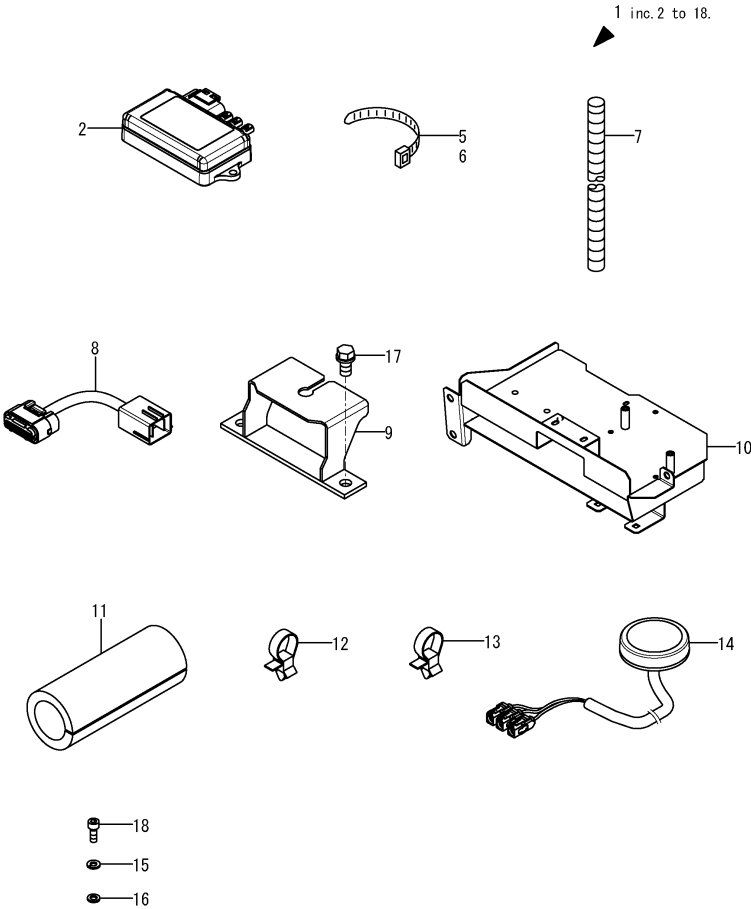
(A)=VIO82 C(AS)
(B)=VIO82 C(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B12-08990	CONTROLLER KIT,SA-R3		1						1
2	2	1RF001-00600	CONTROLLER,SA-R3IBGL		1						1
2-1	2	1RF001-00601	CONTROLLER,SA-R3IBGL		1					N	1
(B=M01050)											
2-2	2	1RF001-00650	CONTROLLER,SA-R3IBKR		1					N	1
(B=M01051)											
2-3	2	1RF001-00651	CONTROLLER,SA-R3IBKR		1					N	1
(B=M01087)											
2-4	2	1RF001-00652	CONTROLLER,SA-R3IBKR		1					N	1
(B=M01088)											
2-5	2	1RF001-00660	CONTROLLER,SAR3IBOKR		1					N	1
(B=M01089)											
2-6	2	1RF001-00661	CONTROLLER,SAR3IBOKR		1					N	1
(B=*2024.12)											
2-7	2	1RF001-00662	CONTROLLER,SAR3IBOKR		1					N	1
(B=*2025.09)											
5	2	172B11-16770	HARNESS, REMOTE 3		1						
6	2	22117-060000	WASHER, 6		2						
7	2	22217-060000	WASHER, SPRING 6		2						
8	2	26450-060162	BOLT, M6X 16		2						

Remarks
(1)To install proper information, go to an authorized distributor.
Note : Carrier registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.
Note : Registration is required when replacing this part.
* For more information, contact the service department of the dealer you purchased from.

Fig.206. REMOTE CONTROLLER KIT(3.0G)(OPTIONAL)



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.

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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B36-08390	CONTROLLER KIT,RM3KR		1						1
2	2	1RF001-00650	CONTROLLER,SA-R3IBKR		1						1
2-1	2	1RF001-00651	CONTROLLER,SA-R3IBKR		1					N	1
2-2	2	1RF001-00652	CONTROLLER,SA-R3IBKR (B=M01087) (B=M01088)		1					N	1
2-3	2	1RF001-00660	CONTROLLER,SAR3IBOKR (B=M01089)		1					N	1
2-4	2	1RF001-00661	CONTROLLER,SAR3IBOKR (B=*2024.12)		1					N	1
2-5	2	1RF001-00662	CONTROLLER,SAR3IBOKR (B=*2025.09)		1					N	1
5	2	172126-11510	BAND, BINDING 300		6						
6	2	172126-11510	BAND, BINDING 300		3						
7	2	172B11-16540	TUBE, PROTECTOR 7		1						
8	2	172B11-16770	HARNESS, REMOTE 3		1						
9	2	172B62-17850	BRACKET ASSY, GPS 3		1						
10	2	172B62-17901	BRACKET ASSY, CR		1						
11	2	172445-68650	SPONGE, HOSE		1						
12	2	1E8775-84120	CLAMP, BAND B		4						
13	2	1E8490-84130	CLAMP, BAND		3						
14	2	1RF001-93600	ANTENNA,SA-R3		1						
15	2	22117-060000	WASHER, 6		2						
16	2	22217-060000	WASHER, SPRING 6		2						
17	2	26013-100202	BOLT, M10X 20		2						
18	2	26450-060162	BOLT, M6X 16		2						

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2. Depending on the specifications of your product, the actual product and parts catalog may not match.
3. Please use genuine parts when repairing the product.
4. When ordering spare parts, please confirm the specifications (model name, serial number, part number, quantity, etc.) and confirm with your distributors or dealers.
5. Please refer to the user manual or service manual for information on how to replace parts, technical information, and other related details.
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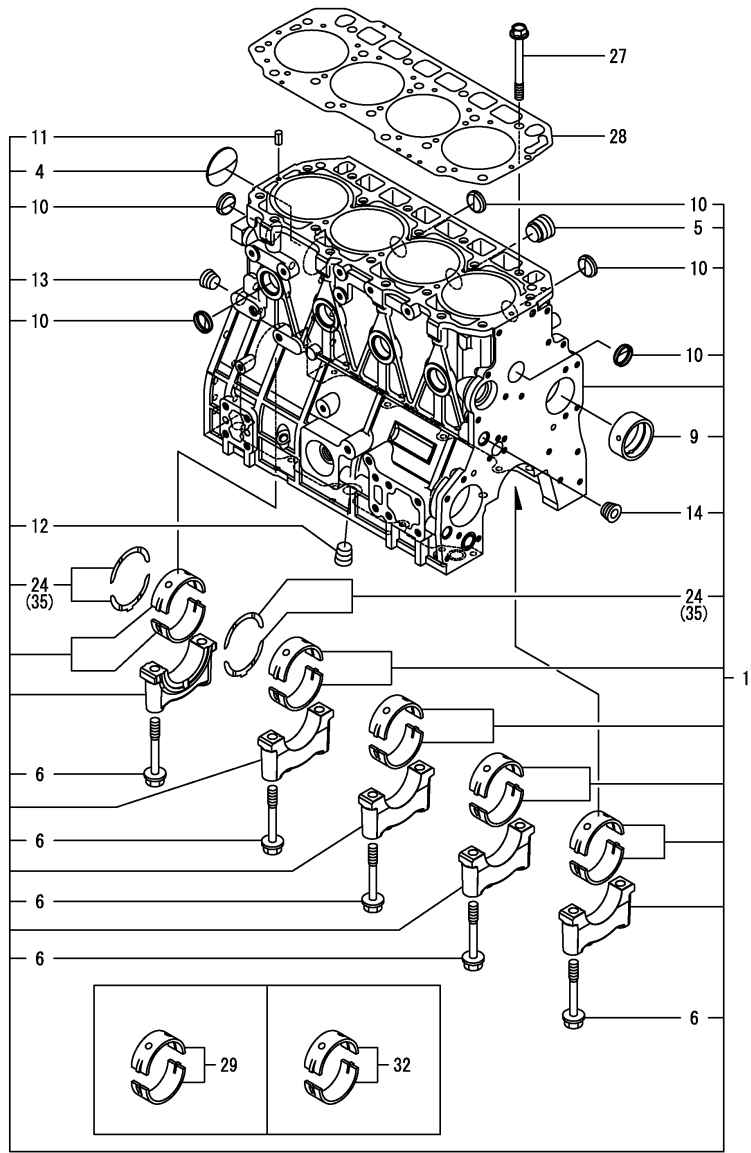
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4.	CYLINDER HEAD & BONNET		
5.	SUCTION MANIFOLD		
6.	EXHAUST MANIFOLD		
7.	DIESEL PARTICULATE FILTER(DPF)		
8.	CAMSHAFT & DRIVING GEAR		
9.	CRANKSHAFT & PISTON		
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20.	SPARE PARTS SET		

Fig.1. CYLINDER BLOCK



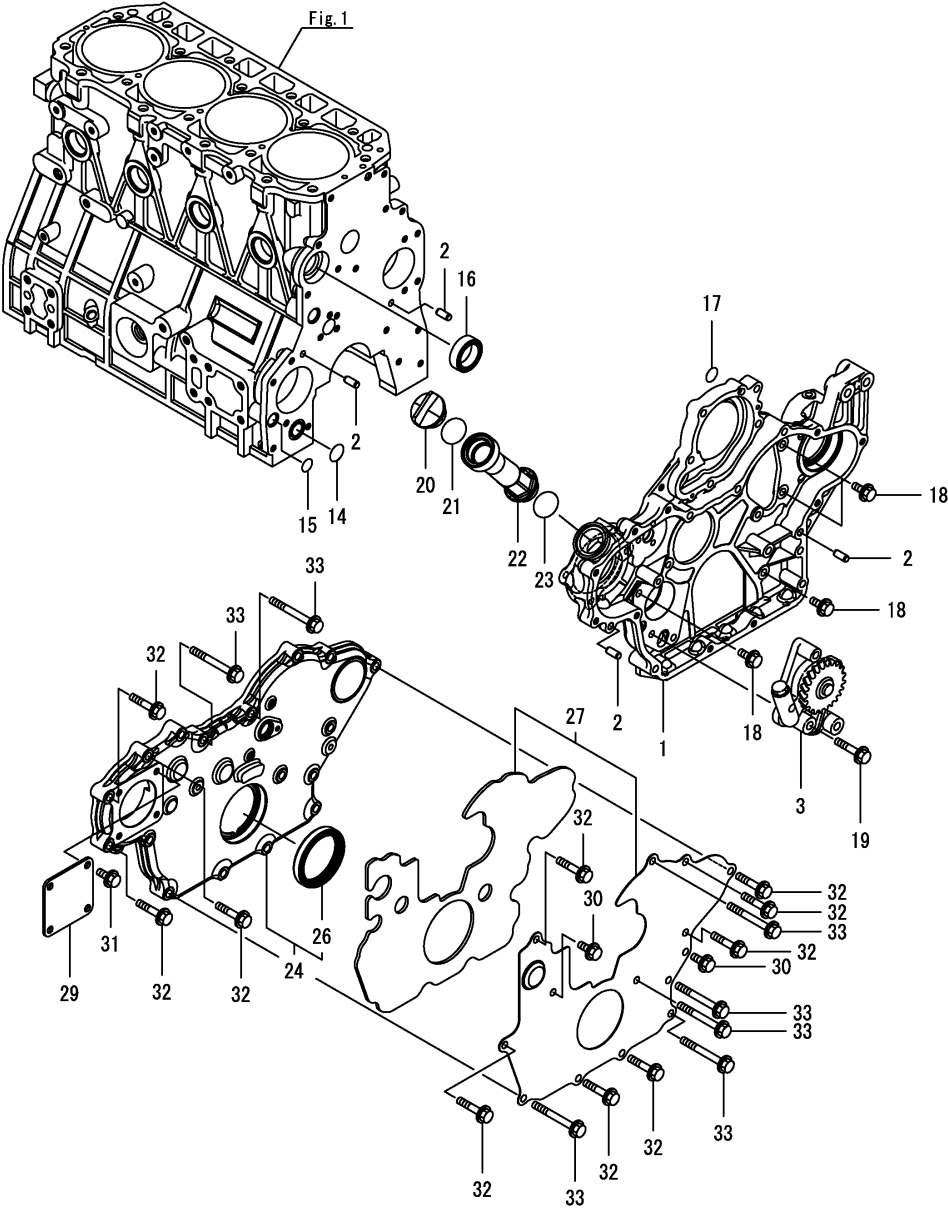
Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=4TNV98C-WBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E00-01570	BLOCK ASSY, CYLINDER	1							
4	2	129900-01250	PLUG, 55	1							
5	2	171051-01921	PLUG, NPTF1	1							
6	2	129900-02020	BOLT, METAL CAP	10							
9	2	129900-02410	BUSH, CAMSHAFT	1							
10	2	27241-300000	PLUG(30	8							
11	2	22351-060012	PIN, SPRING 6.0X12	2							
12	2	23876-030000	PLUG, R03	1							
13	2	23876-030000	PLUG, R03	1							
14	2	23876-030000	PLUG, R03	1							
24	2	129900-02931	METAL ASSY, THRUST	2							
27	1	129900-01200	BOLT, CYLINDER HEAD	18							
28	1	129E00-01330	GASKET, HEAD	1							
29	1	729900-02801	METAL ASSY, MAIN	5							1
32	1	129900-02341	METAL ASSY, MAIN .25	5							2
35	1	129900-02941	METAL ASSY, 0.25 OS	2							3

Fig.2. GEAR HOUSING

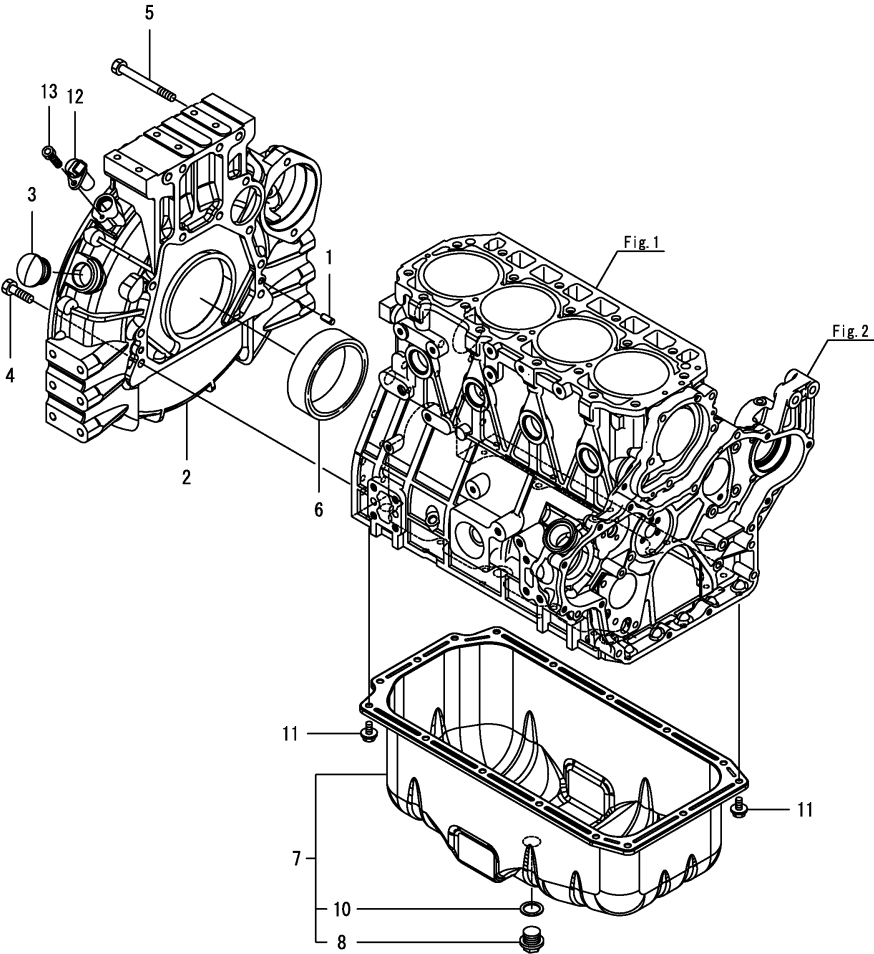


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E00-01500	CASE, GEAR	1							
2	1	129100-01580	PIN, PARALLEL 8X16	4							
3	1	129900-32001	PUMP ASSY, OIL	1							
14	1	129900-32030	O-RING, P20	1							
15	1	129900-32040	O-RING, P14	1							
16	1	129927-42140	GASKET, PUMP OUTLET	1							
17	1	24311-000070	O-RING, 1AP7.0	1							
18	1	26106-080162	BOLT, M8X 16 PLATED	4							
19	1	26106-080452	BOLT, M8X 45 PLATED	3							
20	1	124160-01751	CAP, FILLER	1							
21	1	24311-000320	O-RING, 1AP32.0	1							
22	1	121027-11743	PIPE, FILLER	1							
23	1	24311-000320	O-RING, 1AP32.0	1							
24	1	129E00-01580	COVER ASSY, CASE	1							
26	2	129916-01800	SEAL, OIL	1							
27	1	129E00-01850	COVER ASSY, CASE	1							
29	1	124240-01871	COVER, HYDRAULIC PUMP	1							
30	1	26106-080162	BOLT, M8X 16 PLATED	2							
31	1	26106-080162	BOLT, M8X 16 PLATED	4							
32	1	26106-080402	BOLT, M8X 40 PLATED	10							
33	1	26106-080702	BOLT, M8X 70 PLATED	7							

Fig.3. FLYWHEEL HOUSING & OIL SUMP

(A)=4TNV98C-WBV1
(B)=
(C)=

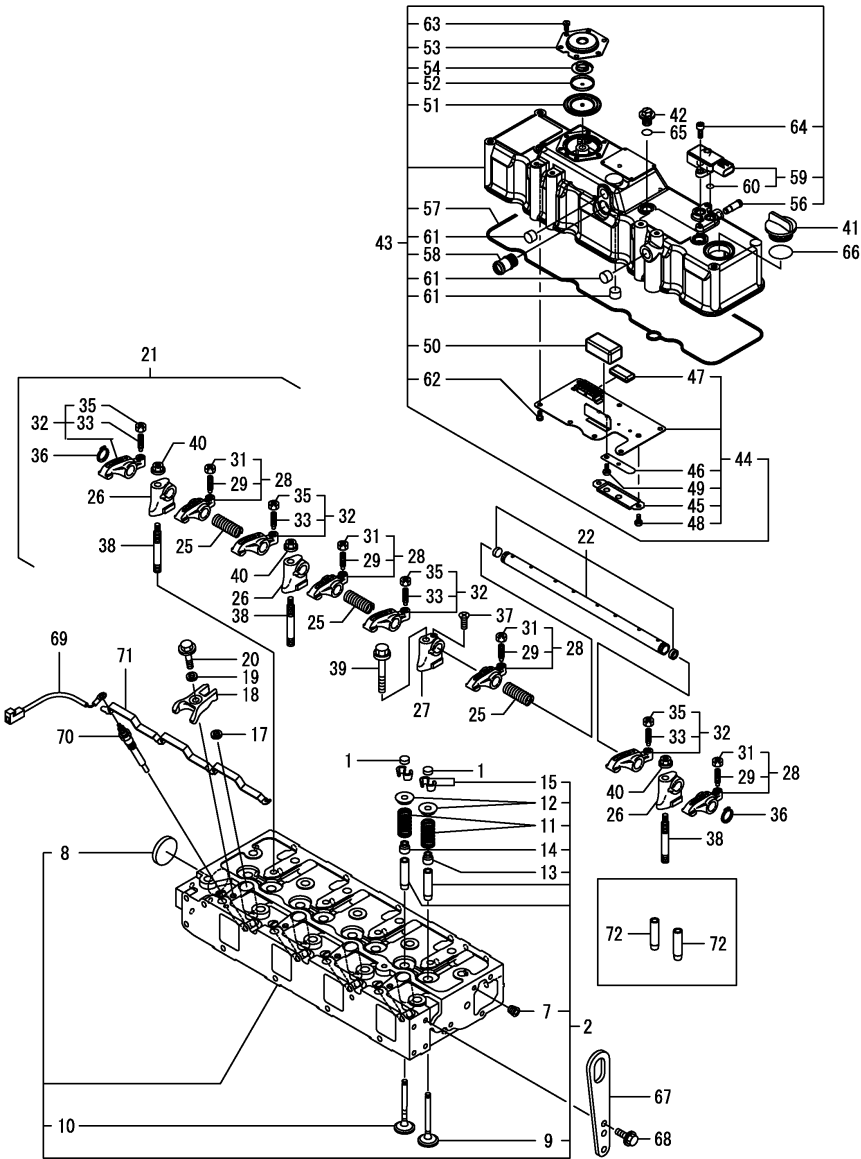
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	129E20-01620	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	26206-100352	BOLT, M10X 35 PLATED	9							
5	1	26206-100952	BOLT, M10X 95 PLATED	4							
6	1	129916-01790	SEAL, D115/95XT11	1							
7	1	129916-01710	OIL PAN ASSY	1							
8	2	119640-01640	PLUG, DRAIN M22	1							
10	2	22190-220002	WASHER, SEAL 22	1							
11	1	26106-080122	BOLT, M8X 12 PLATED	16							
12	1	129A00-21710	SENSOR, FLYWHEEL	1							1
13	1	26450-060162	BOLT, M6X 16	1							

Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

Fig.4. CYLINDER HEAD & BONNET



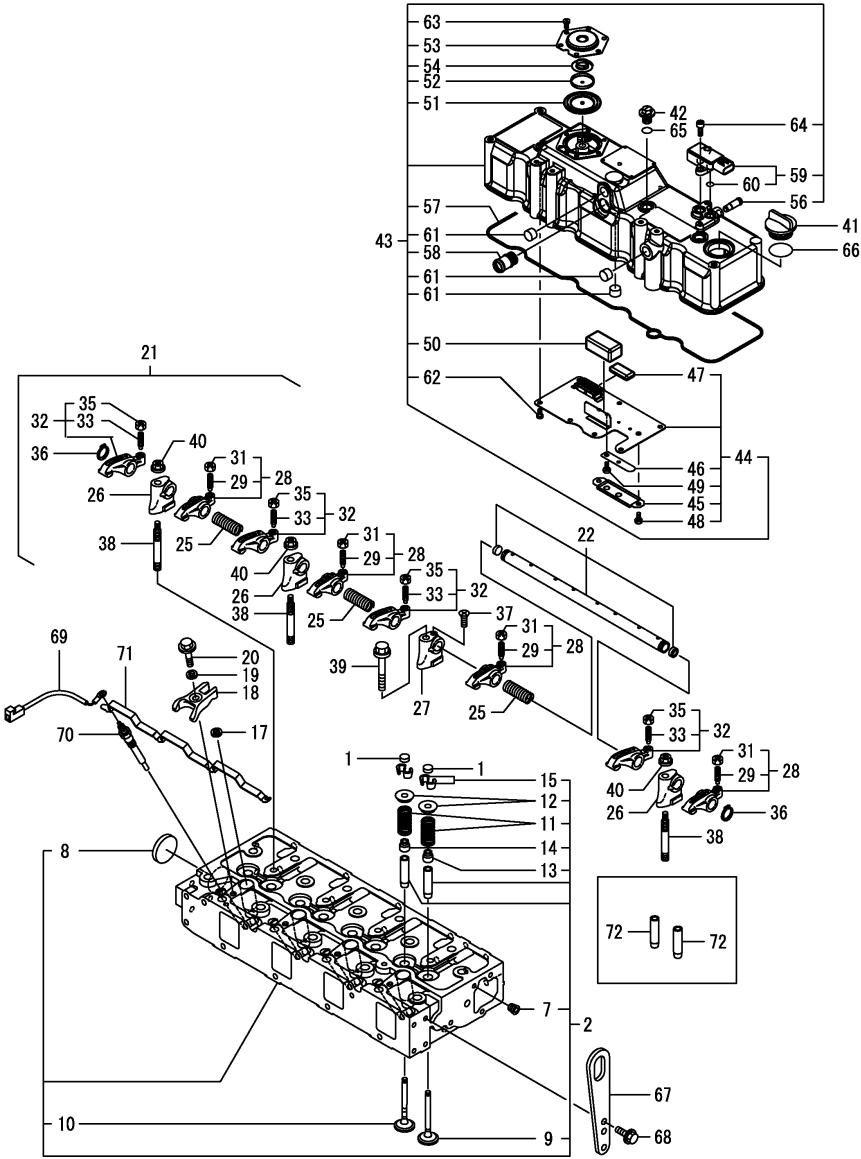
Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.
(2)Spare parts.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-11370	CAP, VALVE	8							
2	1	129E00-11720	HEAD ASSY, CYLINDER	1							
2-1	1	129E20-11700	HEAD ASSY, CYLINDER	1							N
(A=EF8222)											
7	2	23876-005000	PLUG, R005	1							
8	2	27241-400000	PLUG, 40	1							
9	2	129E00-11100	VALVE, INTAKE	4							
10	2	129900-11110	VALVE, EXHAUST	4							
11	2	129900-11120	SPRING, VALVE	8							
12	2	129795-11180	RETAINER, SPRING	8							
13	2	124460-11340	SEAL, VALVE STEM	4							
14	2	129A00-11340	SEAL, VALVE STEM	4							
15	2	27310-080001	COTTER, 8	8							
17	1	129978-11871	GASKET, INJECTOR	4							
18	1	129E00-11900	RETAINER, INJECTOR	4							
19	1	120270-54410	WASHER, INJECTOR	4							
20	1	26106-080352	BOLT, M8X 35 PLATED	4							
21	1	129900-11200	SUPPORT ASSY, ROCKER	1							
22	2	129900-11240	SHAFT ASSY, ROCKER	1							
25	2	129900-11280	SPRING, SHAFT	3							
26	2	129900-11510	SUPPORT, ROCKER A	3							
27	2	129900-11520	SUPPORT, ROCKER B	1							
28	2	129900-11650	ARM ASSY, ROCKER INT	4							
29	3	129150-11230	SCREW, VALVE ADJUST	4							
31	3	129150-11750	NUT, M8XP1.0	4							
32	2	129900-11660	ARM ASSY, ROCKER EXH	4							
33	3	129150-11230	SCREW, VALVE ADJUST	4							
35	3	129150-11750	NUT, M8XP1.0	4							
36	2	22242-000180	RING, 18	2							
37	2	26577-040162	SCREW, M4X16	1							
38	1	129900-11530	BOLT, SUPPORT	3							
39	1	26106-100652	BOLT, M10X 65 PLATED	1							
40	1	26306-100002	NUT, M10	3							
41	1	124160-01751	CAP, FILLER	1							
42	1	124160-11360	KNOB, BONNET	3							
43	1	129E00-11360	BONNET ASSY, HEAD	1							
44	2	129E00-03010	PLATE, BAFFLE	1							
45	3	129E00-03020	COVER, PLATE SPRING	1							
46	3	129978-03030	SPRING, PLATE	1							
47	3	129907-03061	BAFFLE, BREATHER	1							
48	3	26557-050082	SCREW, M5X 8	2							
49	3	26587-050102	SCREW, M5X10	1							
50	2	129907-03070	BAFFLE, BREATHER	1							
51	2	123907-03100	DIAPHRAGM, BREATHER	1							
52	2	123907-03110	PLATE, CENTER	1							
53	2	123907-03120	PLATE, BREATHER	1							
54	2	123907-03140	SPRING, DIAPHRAGM	1							
56	2	129A00-11330	JOINT	1							
57	2	129E00-11330	GASKET, BONNET	1							
58	2	129001-11340	PIPE, BREATHER	1							
59	2	129978-12700	SENSOR, PRESSURE	1							1

Fig.4. CYLINDER HEAD & BONNET

(A)=4TNV98C-WBV1
(B)=
(C)=

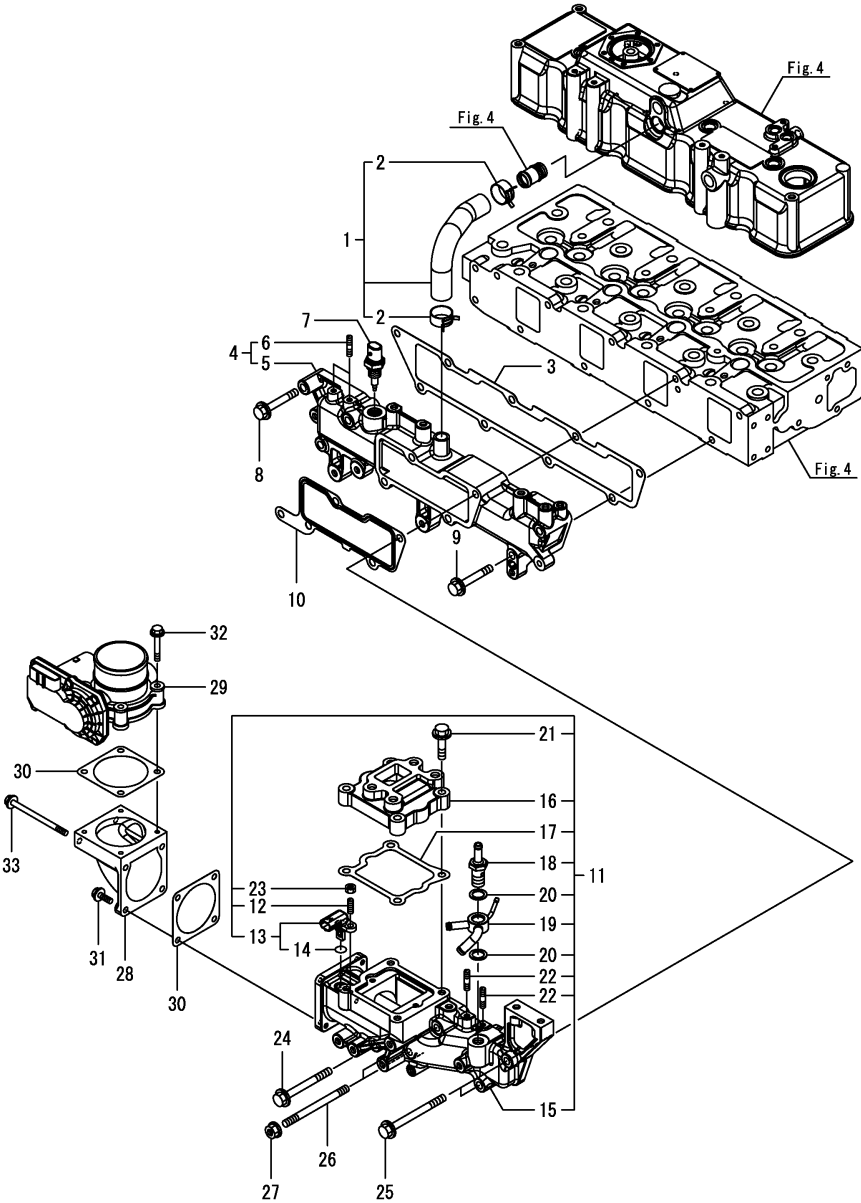
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	3	129A00-12780	O-RING, EGR SENSOR	2							
61	2	119640-61400	PLUG	3							
62	2	22857-500100	SCREW, 5X10	7							
63	2	22857-500100	SCREW, 5X10	6							
64	2	26450-060162	BOLT, M6X 16	2							
65	1	24311-000120	O-RING, 1AP12.0	3							
66	1	24311-000320	O-RING, 1AP32.0	1							
67	1	129900-07900	LIFTER, ENGINE	1							
68	1	26106-080162	BOLT, M8X 16 PLATED	2							
69	1	119803-77830	HARNESS, WIRE	1							
70	1	129008-77800	PLUG, GLOW	4							
71	1	129E00-77820	CONNECTOR, GLOW PLUG	1							
72	1	129150-11810	GUIDE, VALVE	8							2

Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.
(2)Spare parts.

Fig.5. SUCTION MANIFOLD



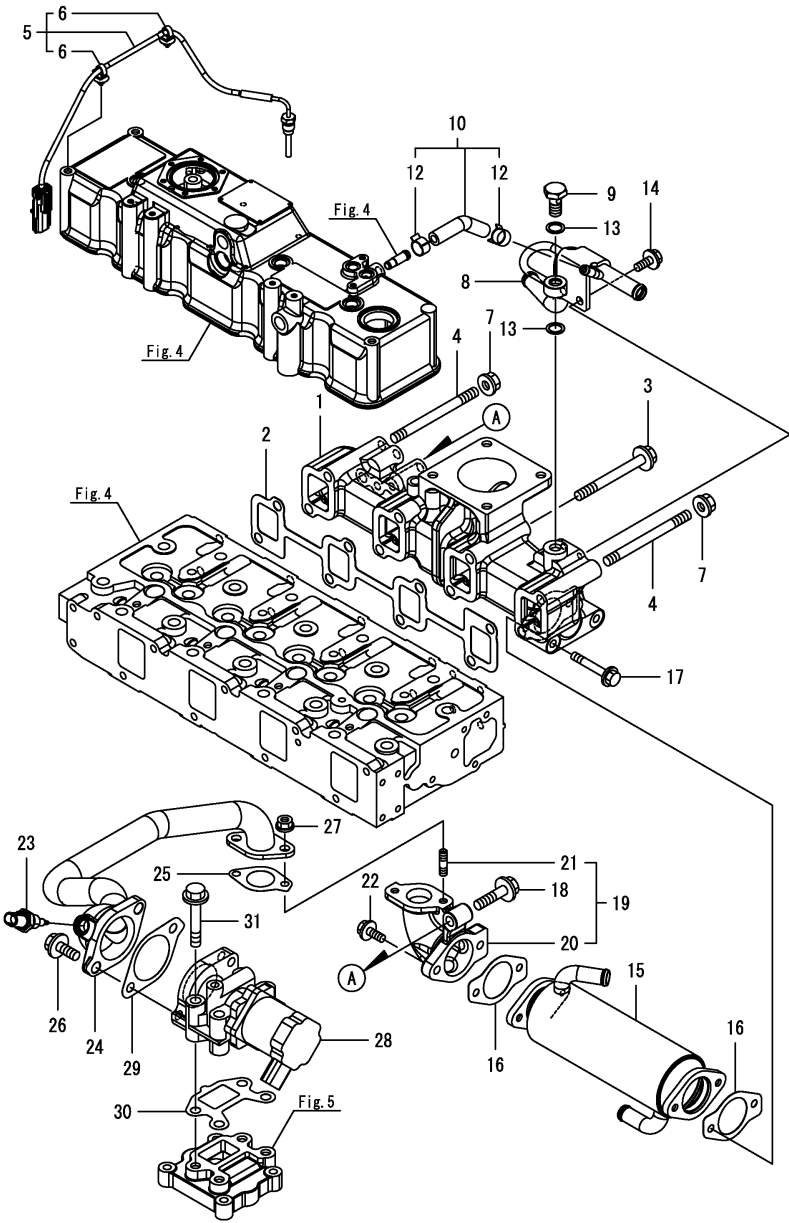
Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

0CB50-M00300 Fig.5											
(A)=4TNV98C-WBV1											
(D)=											
(E)=											
(F)=											
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129005-03080	HOSE ASSY, BREATHER	1							
2	2	129410-03990	CLAMP, HOSE 22	2							
3	1	129E00-12110	GASKET, MANIFOLD	1							
4	1	129E00-12151	MANIFOLD ASSY,INTAKE	1							
5	2	129E00-12101	MANIFOLD, INTAKE	1							
6	2	26216-060202	STUD, M6X 20	2							
7	1	129A00-12721	SENSOR,AIR TEMP	1							1
8	1	26106-080452	BOLT, M8X 45 PLATED	1							
9	1	26106-080552	BOLT, M8X 55 PLATED	4							
10	1	129E00-12810	GASKET, COLLECTOR	1							
11	1	129E00-12850	COLLECTOR ASSY	1							
12	2	119660-01570	STUD, M6X12	1							
13	2	129A00-12711	SENSOR, TEMPERATURE	1							
14	3	129A00-12790	O-RING, TEMP SENSOR	1							
15	2	129E00-12800	COLLECTOR	1							
16	2	129E00-13710	SPACER, EGR VALVE	1							
17	2	129E00-13720	GASKET, EGR-V SPACER	1							
18	2	129A00-59110	JOINT, HOSE M14	1							
19	2	129E00-59120	JOINT, HOSE 14	1							
20	2	22190-140002	WASHER, SEAL 14	2							
21	2	26106-080352	BOLT, M8X 35 PLATED	4							
22	2	26216-060202	STUD, M6X 20	2							
23	2	26716-060002	NUT, M6	1							
24	1	26106-080752	BOLT, M8X 75 PLATED	1							
25	1	26106-080902	BOLT, M8X 90 PLATED	2							
26	1	26216-081002	STUD, M8X100	2							
27	1	26306-080002	NUT, M8	2							
28	1	129A00-12820	BEND, INTAKE	1							
29	1	129A00-12900	THROTTLE, INTAKE	1							1
30	1	129A00-12910	GASKET, THROTTLE	2							
31	1	26106-060202	BOLT, M6X 20 PLATED	2							
32	1	26106-060402	BOLT, M6X 40 PLATED	4							
33	1	26106-060902	BOLT, M6X 90 PLATED	2							

Fig.6. EXHAUST MANIFOLD

(A)=4TNV98C-WBV1
(B)=
(C)=

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



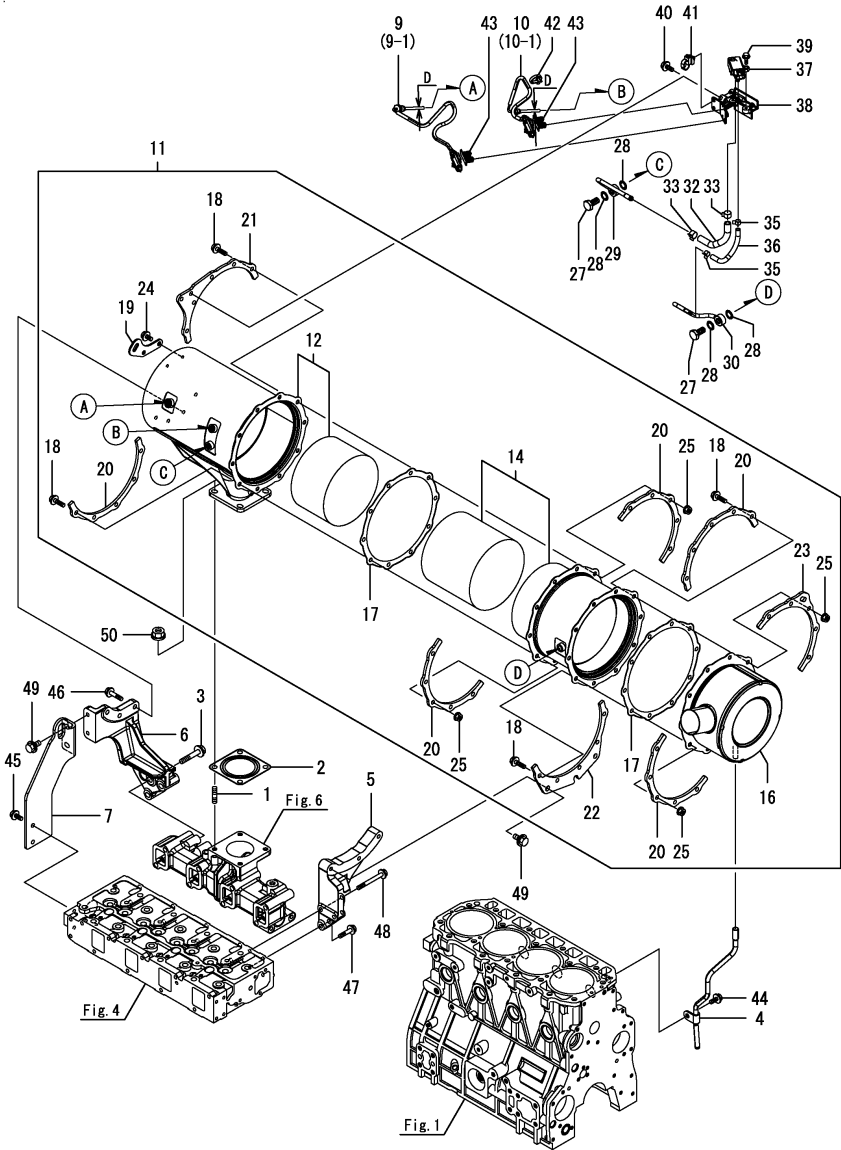
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E00-13101	MANIFOLD, EXHAUST	1							
2	1	129E00-13110	GASKET, MANIFOLD	1							
3	1	129F01-13610	BOLT, M10X95 10.9T	6							
4	1	129A01-13710	STUD, M10X95 10.9T	2							
5	1	129E00-13770	SENSOR, TEMPERATURE	1							1
6	2	129A00-91200	CLIP, BAND	2							
7	1	26306-100002	NUT, M10	2							
8	1	129E00-13300	PIPE, PRESSURE	1							
9	1	129A00-13350	BOLT, PIPE JOINT	1							
10	1	129E00-13360	HOSE ASSY, PRESSURE	1							
12	2	129A00-13380	CLIP, HOSE 14	2							
13	1	23414-120000	GASKET, 12X1.0	2							
14	1	26106-080162	BOLT, M8X 16 PLATED	2							
15	1	129E00-13400	COOLER, EGR	1							
16	1	129E00-13410	GASKET, EGR COOLER	2							
17	1	129E00-13610	BOLT, M8X50 10.9T	2							
18	1	129F01-13650	BOLT, M10X40 10.9T	1							
19	1	129E00-13851	BEND, COOLER OUTLET	1							
20	2	129E00-13861	BEND, COOLER OUTLET	1							
21	2	129418-18320	STUD, M8X20	2							
22	1	26106-080202	BOLT, M8X 20 PLATED	2							
23	1	129A00-13752	SENSOR,EGR GAS TEMP	1							1
24	1	129E00-13800	PIPE ASSY, EGR	1							
25	1	129927-13810	GASKET, EGR PIPE	1							
26	1	26106-100252	BOLT, M10X 25 PLATED	2							
27	1	26306-080002	NUT, M8	2							
28	1	129E00-13901	VALVE, EGR	1							1
29	1	129E00-13910	GASKET, EGR-V INLET	1							
30	1	129E00-13920	GASKET, EGR-V OUTLET	1							
31	1	26106-100602	BOLT, M10X 60 PLATED	4							

Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

Fig.7. DIESEL PARTICULATE FILTER(DPF)

(A)=4TNV98C-WBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	123900-13130	STUD, M10X22	4							
2	1	128300-13230	GASKET, SILENCER	1							
3	1	129E00-13601	BOLT, M10X55 10.9T	3							
4	1	129E20-13900	PIPE, WATER DRAIN	1							
5	1	129E00-16810	STAY, DPF	1							
6	1	129E00-16820	STAY, DPF	1							
6-1	1	129E20-16830	STAY, DPF	1							N
(A=E83262)											
7	1	129E00-16830	STAY, DPF	1							
9	1	129C00-13940	SENSOR, EXH. TEMP.	1							1
9-1	1	129C00-13860	SENSOR, ATD TEMP. DS+	1						F	1
(A=EC3496)											
10	1	129C00-13950	SENSOR, EXH. TEMP.	1							1
10-1	1	129C00-13870	SENSOR, ATD TEMP. DS+	1						F	1
(A=EC3496)											
11	1	129E20-16071	DPF ASSY	1							1
11-1	1	129E20-16072	DPF ASSY	1						N	1
(A=E99918)											
11-2	1	129E20-16150	DPF ASSY	1							N 1
(A=EC3496)											
12	2	129E00-16210	CASE, DOC	1							1
12-1	2	129E00-16220	CASE, DOC	1						N	1
(A=EC3496)											
14	2	129E00-16410	CASE, SOOT FILTER	1							1
16	2	129E20-16561	SILENCER, DPF	1							
16-1	2	129E20-16562	SILENCER, DPF	1							N
(A=E99918)											
17	2	129E00-16600	GASKET, DPF	2							
18	2	129A00-16610	BOLT, M8X28 10.9T	20							
19	2	129C01-16680	LIFTER, DPF	1							
20	2	129C01-16700	STIFFENER, DPF A	5							
21	2	129E00-16700	STIFFENER, DPF C	1							
22	2	129E00-16720	STIFFENER, DPF B	1							
23	2	129C01-16740	STIFFENER, DPF C	1							
24	2	26106-080142	BOLT, M8X 14 PLATED	2							
25	2	26306-080002	NUT, M8	20							
27	1	129A00-13350	BOLT, PIPE JOINT	2							
28	1	129A00-17311	GASKET, SENSOR	4							
29	1	129E00-17310	PIPE ASSY, PRESSURE	1							
30	1	129E00-17360	PIPE ASSY, PRESSURE	1							
32	1	129A00-17510	HOSE, PRES EXH	1							
33	1	129A00-17520	CLIP, HOSE	2							
35	1	129A00-17570	CLIP, HOSE	2							
36	1	129A00-17580	HOSE, PRES EXH	1							
37	1	129978-17700	SENSOR, PRESSURE	1							1
37-1	1	129978-17710	SENSOR, PRESSURE	1						N	1
(A=EW2422)											
38	1	129E20-17700	BRACKET, SENSOR	1							
39	1	26106-060162	BOLT, M6X 16 PLATED	2							
40	1	26106-080202	BOLT, M8X 20 PLATED	2							
41	1	129A00-91200	CLIP, BAND	1							

Remarks

(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool. Please refer to the Service Manual for details.

No.9-1 & 10-1 are interchangeable with a set of No.12-1.

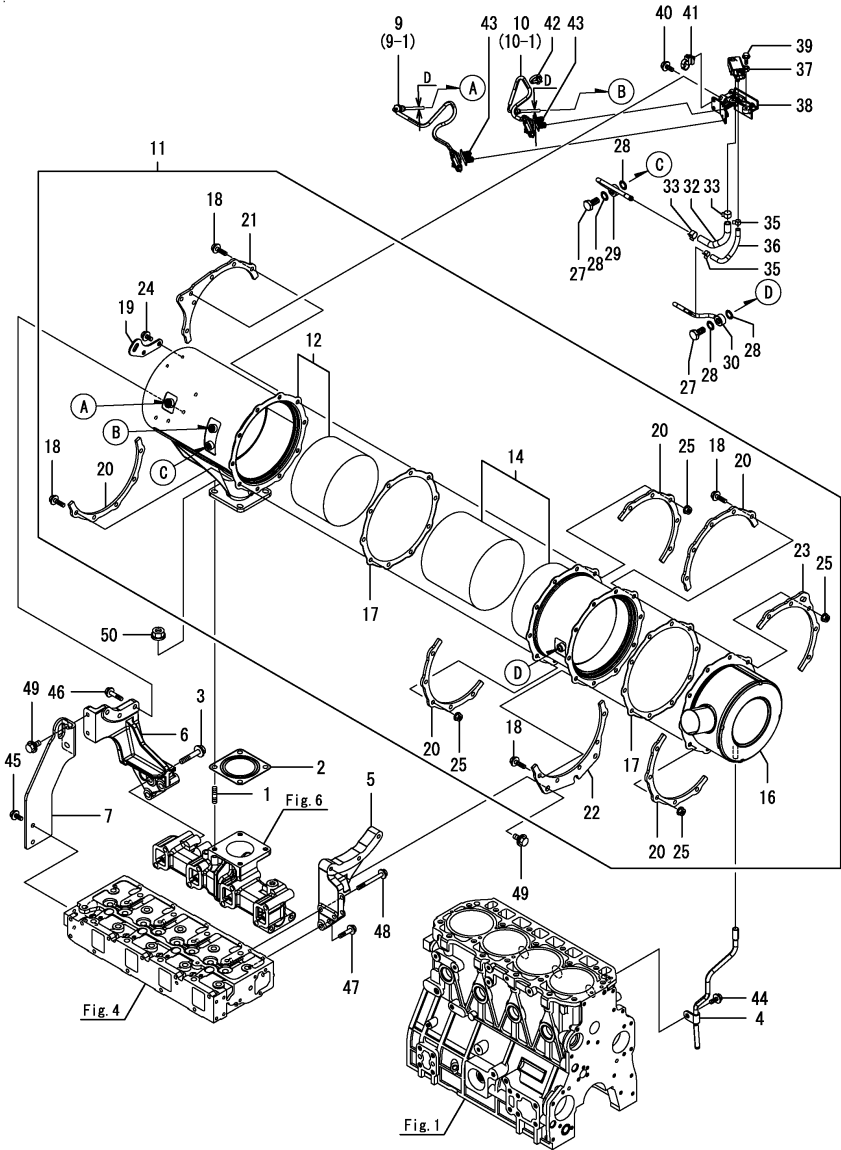
Interchangeability of No.9-1, 10-1 is Serial No.E49931 or previous : F, Serial No.E49932 or following : N.

D=No.9 & 10 : 5.5mm, No.9-1 & 10-1 : 6.5mm.

Fig.7. DIESEL PARTICULATE FILTER(DPF)

(A)=4TNV98C-WBV1
(B)=
(C)=

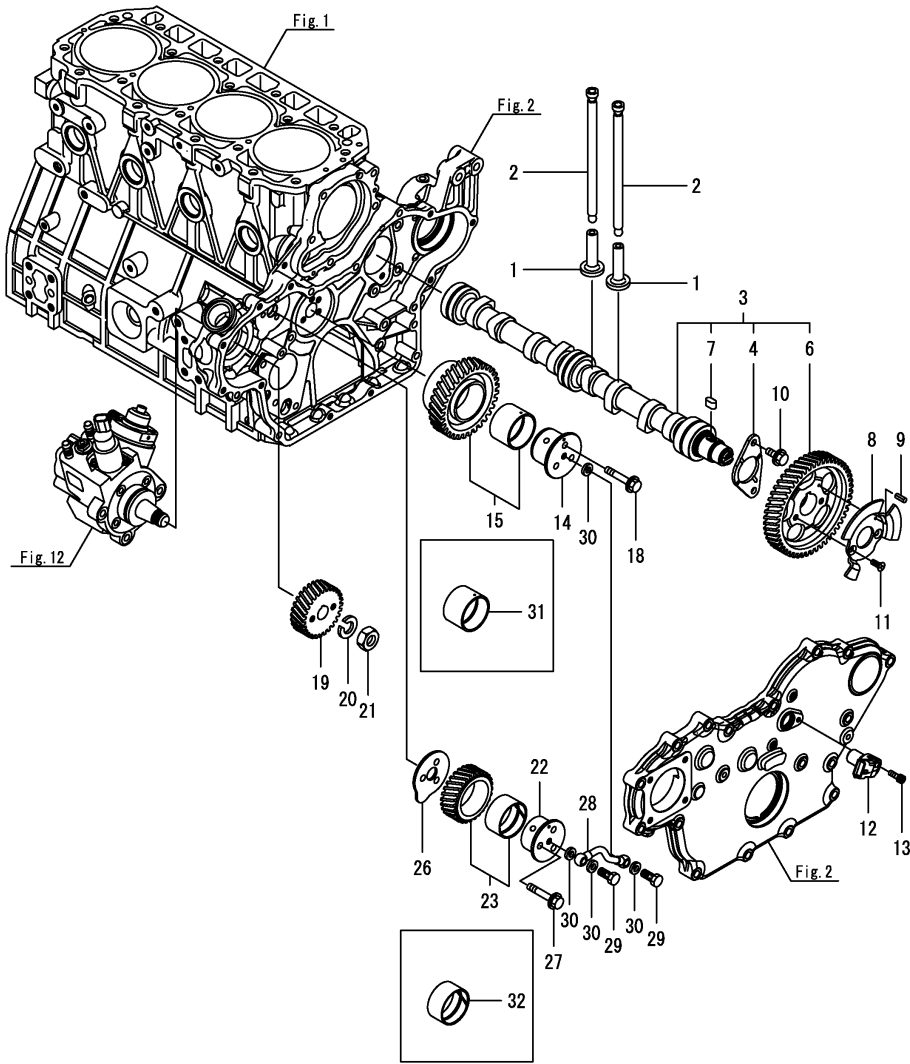
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	1	129C00-91200	BAND	1							
43	1	129A00-91430	CLIP, CONNECTOR	2							
44	1	26106-080122	BOLT, M8X 12 PLATED	1							
45	1	26106-080162	BOLT, M8X 16 PLATED	2							
46	1	26106-080352	BOLT, M8X 35 PLATED	3							
47	1	26106-080352	BOLT, M8X 35 PLATED	2							
48	1	26106-080752	BOLT, M8X 75 PLATED	1							
49	1	26106-100202	BOLT, M10X 20 PLATED	5							
50	1	26306-100002	NUT, M10	4							

Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.
No.9-1 & 10-1 are interchangeable with a set of No.12-1.
Interchangeability of No.9-1, 10-1 is Serial No.E49931 or previous : F, Serial No.E49932 or following : N.
D=No.9 & 10 : 5.5mm, No.9-1 & 10-1 : 6.5mm.

Fig.8. CAMSHAFT & DRIVING GEAR



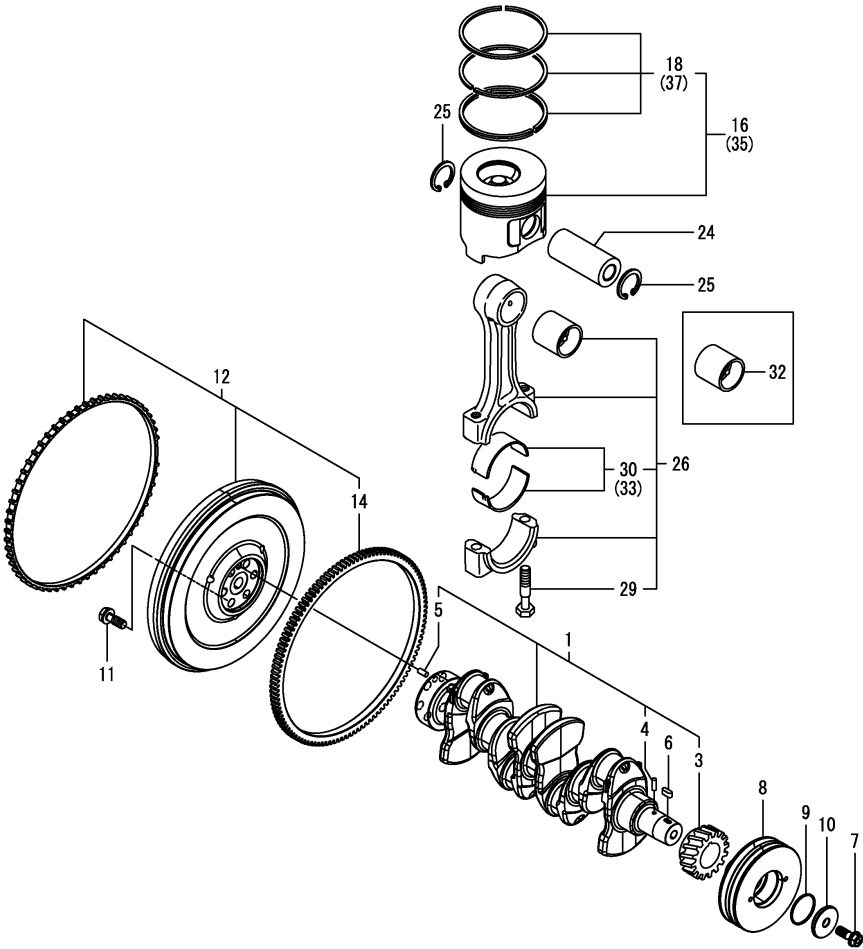
(A)=4TNV98C-WBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129150-14200	TAPPET	8							
2	1	129900-14400	ROD, PUSH	8							
3	1	129E00-14581	CAMSHAFT ASSY	1							
4	2	129150-02450	METAL, THRUST	1							
6	2	129E00-14101	GEAR, CAMSHAFT	1							
7	2	22512-070140	KEY, 7X 14	1							
8	1	129E00-14700	PULSER, CAM GEAR	1							
9	1	22351-030010	PIN, SPRING 3.0X10	1							
10	1	26106-080142	BOLT, M8X 14 PLATED	2							
11	1	26577-060122	SCREW, M6X12	2							
12	1	129A00-14710	SENSOR, ROTATION	1							
13	1	26450-060162	BOLT, M6X 16	1							
14	1	129E00-25050	SHAFT, IDLE GEAR A	1							
15	1	129900-25110	GEAR ASSY, IDLE	1							
18	1	26106-080502	BOLT, M8X 50 PLATED	3							
19	1	129E00-25902	GEAR, SUPPLY PUMP	1							
20	1	22217-180000	WASHER, SPRING 18	1							
21	1	26776-180002	NUT, LOCK M18	1							
22	1	129E00-25060	SHAFT, IDLE GEAR B	1							
23	1	129E00-25121	GEAR ASSY, IDLE B	1							
26	1	129E00-25200	PLATE, IDLE SHAFT B	1							
27	1	26106-080452	BOLT, M8X 45 PLATED	3							
28	1	129E00-25400	PIPE ASSY, OIL	1							
29	1	105010-39140	BOLT, PIPE JOINT M8	2							
30	1	22190-080002	WASHER, SEAL 8	4							
31	1	129150-25920	BUSH, IDLE GEAR	1							1
32	1	129E00-25080	BUSH, IDLE GEAR B	1							1

Remarks
(1)Spare parts.

Fig.9. CRANKSHAFT & PISTON



Remarks
(1)Spare parts.
(2)Under-sized(U.S.=0.25) parts.
(3)Over-sized(O.S.=0.25) parts.

(A)=4TNV98C-WBV1
(B)=
(C)=

0CB50-M00300 Fig.9
(D)=
(E)=
(F)=

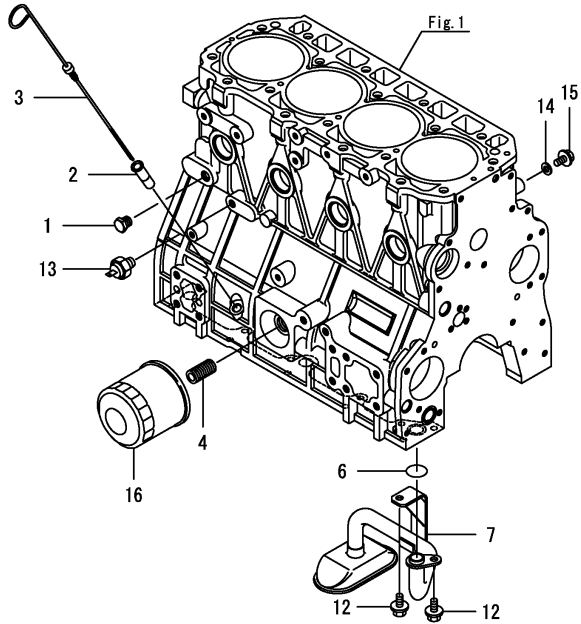
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129902-21050	CRANKSHAFT ASSY	1							
3	2	129900-21220	GEAR, CRANKSHAFT	1							
4	2	121850-21290	PIN, CRANK GEAR	1							
5	2	121850-21920	PIN, PARALLEL 10X22	1							
6	1	22512-070140	KEY, 7X 14	1							
7	1	129916-21610	BOLT, V-PULLEY	1							
8	1	129938-21650	V-PULLEY, CRANKSHAFT	1							
9	1	129960-21930	GASKET, WASHER	1							
10	1	129960-21940	WASHER, V-PULLEY	1							
11	1	121850-21130	BOLT, FLYWHEEL	6							
12	1	129E20-21600	FLYWHEEL ASSY	1							
14	2	129900-21600	GEAR, RING	1							
16	1	129E00-22080	PISTON ASSY	4							
18	2	129E00-22050	RING SET, PISTON	4							
24	1	120130-22301	PIN, PISTON	4							
25	1	22252-000300	RING, 30	8							
26	1	129900-23001	ROD ASSY, CONNECTING	4							
29	2	129900-23200	BOLT, CONNECTING ROD	8							
30	2	129900-23601	METAL ASSY,CRANK PIN	4							
32	1	129900-23911	METAL, PISTON PIN	4							1
33	1	129900-23611	METAL ASSY, PIN .25	4							2
35	1	129E00-22900	PISTON ASSY, 0.25 OS	4							3
37	2	129E00-22950	RING SET, PISTON .25	4							3

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.10. LUB. OIL SYSTEM

(A)=4TNV98C-WBV1
(B)=
(C)=

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



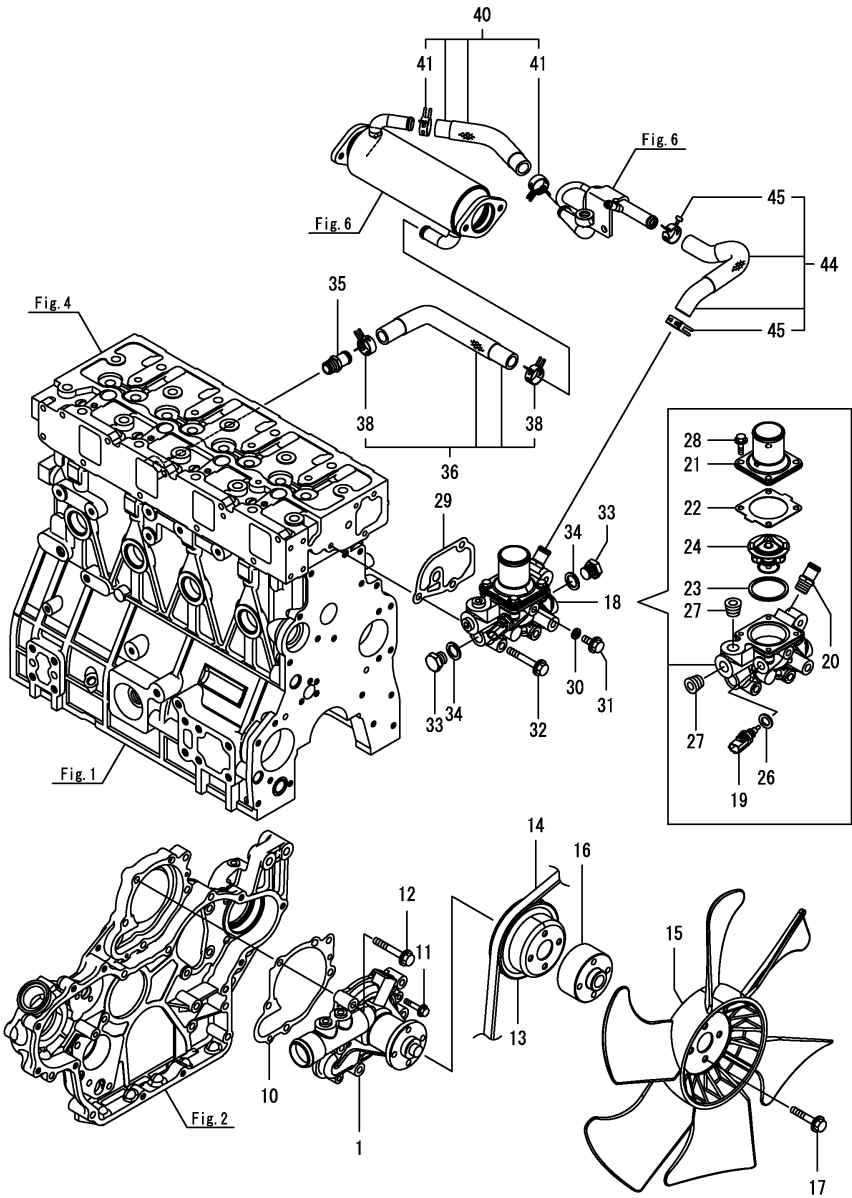
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	171056-49120	PLUG, DRAIN R1/4	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	129938-34820	DIPSTICK, OIL	1							
4	1	119000-35140	BOLT, FILTER	1							
6	1	129900-32030	O-RING, P20	1							
7	1	129953-35000	PIPE ASSY, OIL INLET	1							
12	1	26106-080122	BOLT, M8X 12 PLATED	2							
13	1	119761-39450	SWITCH, HYDRAULIC	1							
14	1	22190-080002	WASHER, SEAL 8	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	129150-35170	FILTER ASSY, D80X80L	1							1

Remarks
(1)Spare parts.

Fig.11. COOLING WATER SYSTEM

(A)=4TNV98C-WBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129900-42003	PUMP ASSY, WATER	1							
1-1	1	129900-42004	PUMP ASSY, CW	1						N	
(A=E94784)											
10	1	129900-42020	GASKET, WATER PUMP	1							
11	1	26106-060302	BOLT, M6X 30 PLATED	2							
12	1	26106-080552	BOLT, M8X 55 PLATED	5							
13	1	129900-42462	V-PULLEY, PUMP	1							
14	1	129940-42310	V-BELT, A44	1							
15	1	129916-44740	FAN, COOLING D=430	1							
16	1	119005-44761	SPACER, FAN	1							
17	1	26106-080452	BOLT, M8X 45 PLATED	4							
18	1	129E00-49800	CASE ASSY,THERMOSTAT	1							
19	2	129927-44900	SENSOR, TEMPERATURE	1							1
20	2	129928-49420	JOINT	1							
21	2	129916-49530	COVER, THERMOSTAT	1							
22	2	121850-49540	GASKET, THERMOSTAT	1							
23	2	121850-49550	GASKET, THERMOSTAT	1							
24	2	121850-49811	THERMOSTAT, 71C	1							
26	2	22190-120002	WASHER, SEAL 12	1							
27	2	23875-030000	PLUG, R03	2							
28	2	26106-060202	BOLT, M6X 20 PLATED	4							
29	1	129900-49870	GASKET, THERMOSTAT	1							
30	1	23414-080000	GASKET, 8X1.0	1							
31	1	26106-080122	BOLT, M8X 12 PLATED	1							
32	1	26106-080602	BOLT, M8X 60 PLATED	3							
33	1	121450-42450	PLUG, M16	2							
34	1	124465-44950	GASKET, 16	2							
35	1	129928-49420	JOINT	1							
36	1	129E00-49610	HOSE, COOLER INLET	1							
38	2	129960-03990	CLAMP, HOSE 20	2							
40	1	129E00-49640	HOSE, COOLER OUT A	1							
41	2	129960-03990	CLAMP, HOSE 20	2							
44	1	129E20-49630	HOSE, COOLER OUT B	1							
45	2	129960-03990	CLAMP, HOSE 20	2							

Remarks

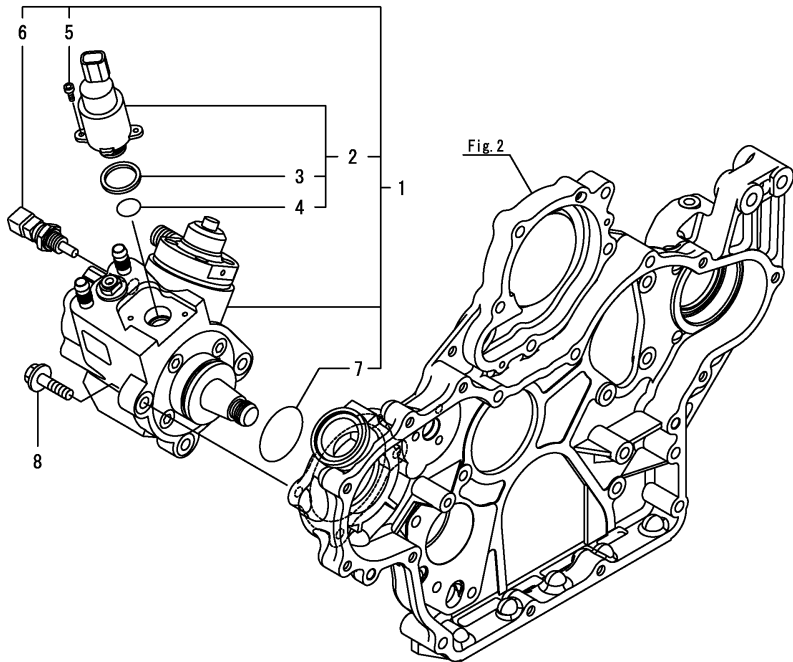
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

Fig.12. FUEL SUPPLY PUMP

(A)=4TNV98C-WBV1
(B)=
(C)=

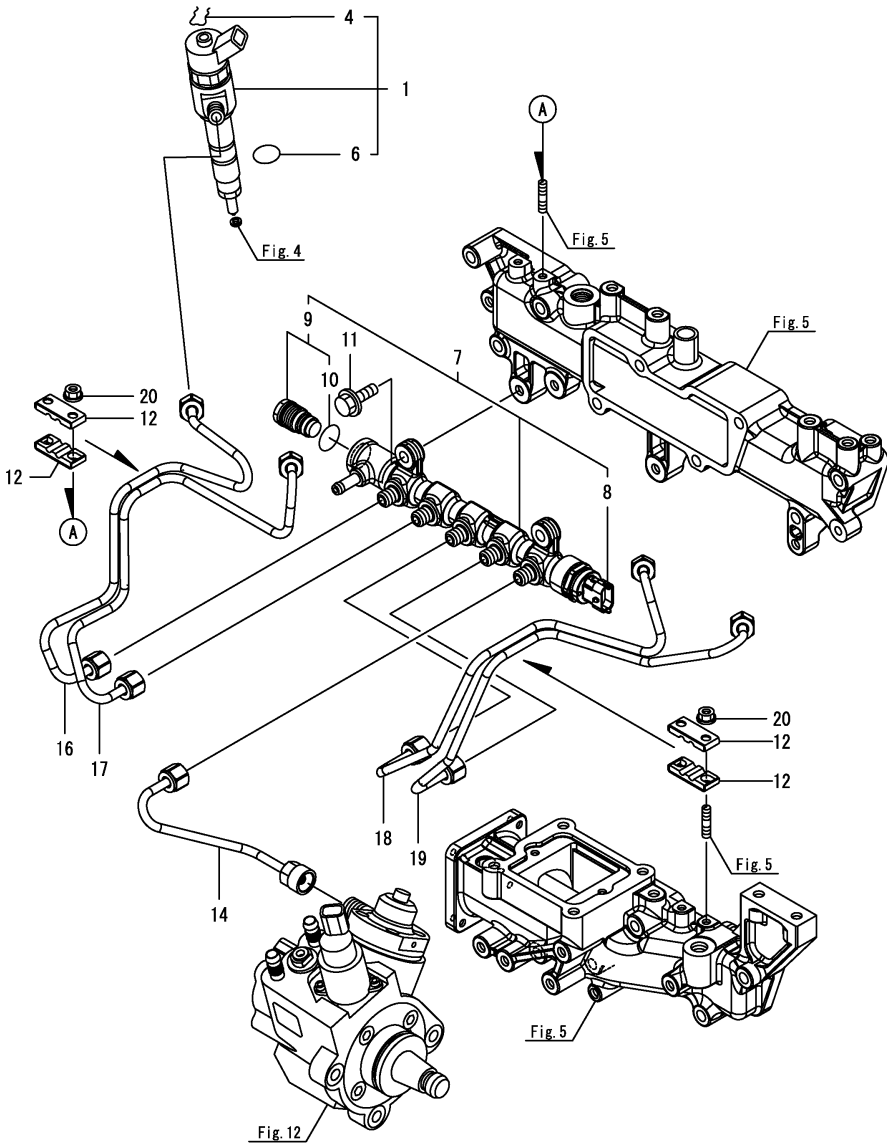
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129A00-51000	PUMP ASSY, FUEL	1							1
2	2	129A00-51100	VALVE ASSY	1							1
3	3	129A00-51110	RING, SEAL	1							
4	3	129A00-51120	O-RING, MPROP	1							
5	2	129A00-51130	BOLT, MPROP	2							
6	2	129A00-51200	SENSOR, TEMPERATURE	1							1
7	2	129A00-51900	O-RING, FUEL PUMP	1							
8	1	26106-080302	BOLT, M8X 30 PLATED	3							



Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

Fig.13. FUEL INJECTION VALVE

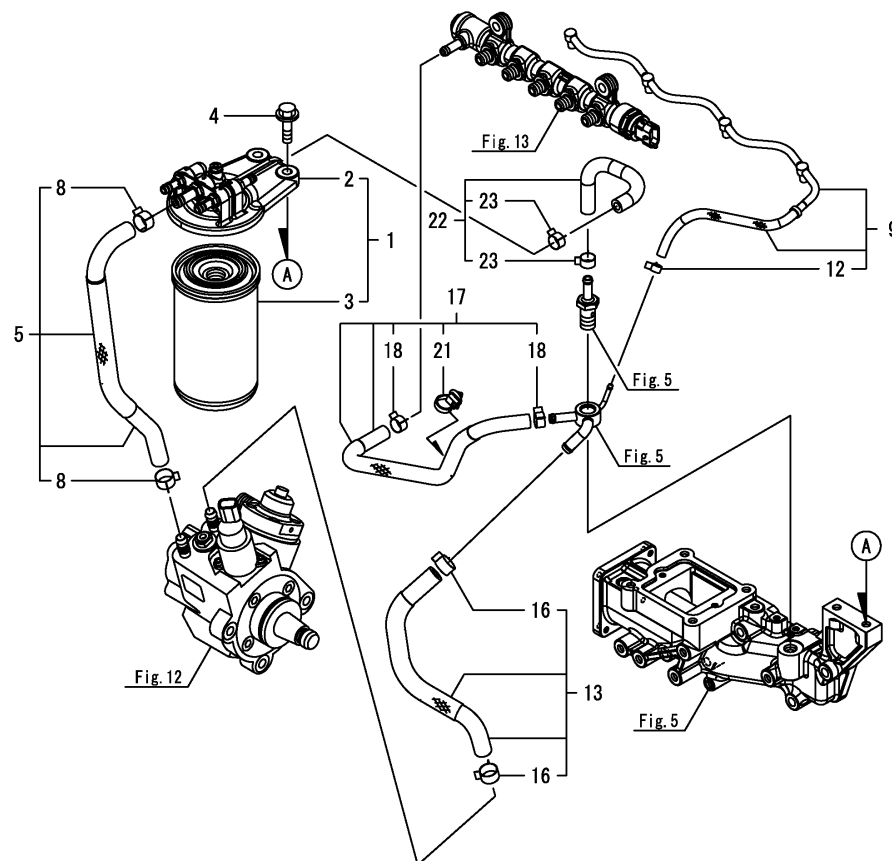


(A)=4TNV98C-WBV1
(B)=
(C)=

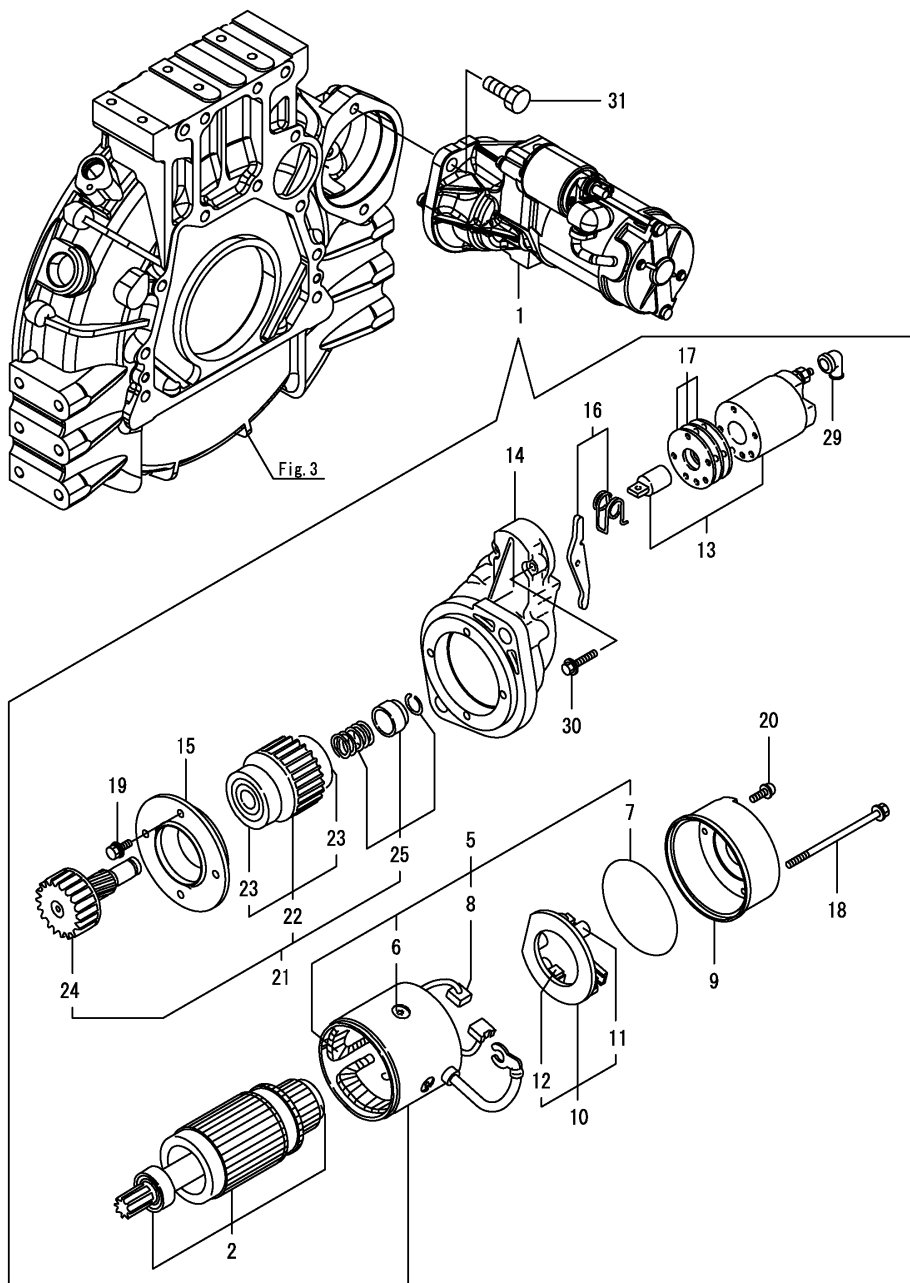
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E00-53100	INJECTOR, CR	4							1
4	2	129A00-53200	RING, RETAINING	4							
6	2	129C28-53300	O-RING	4							
7	1	129C00-57000	COMMON RAIL ASSY	1							1
8	2	129A00-57100	SENSOR, PRESSURE	1							1
9	2	129A00-57200	VALVE ASSY, PLV4	1							1
10	3	129A00-57210	O-RING, PLV4	1							
11	1	26106-080252	BOLT, M8X 25 PLATED	2							
12	1	122780-59100	RETAINER, PIPE	4							
14	1	129E00-59700	PIPE ASSY, RAIL IN	1							
16	1	129E00-59810	PIPE, INJECTION NO.1	1							
17	1	129E00-59820	PIPE, INJECTION NO.2	1							
18	1	129E00-59830	PIPE, INJECTION NO.3	1							
19	1	129E00-59840	PIPE, INJECTION NO.4	1							
20	1	26366-060002	NUT, M6	4							

Remarks
(1)When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129A00-55600	FILTER ASSY, FUEL	1							
2	2	129A00-55610	BRACKET ASSY, FILTER	1							
3	2	129A00-55810	FILTER,FO	1							
4	1	26106-080302	BOLT, M8X 30 PLATED	2							
5	1	129E00-59010	HOSE ASSY, FUEL	1							
8	2	23080-015000	CLAMP, 15	2							
9	1	129E01-59500	PIPE ASSY, FO RETURN	1							
12	2	23080-007000	CLAMP, 7	1							
13	1	129E00-59020	HOSE ASSY, RETURN	1							
16	2	23080-015000	CLAMP, 15	2							
17	1	129E00-59030	HOSE ASSY, RETURN	1							
18	2	114270-59010	CLAMP, HOSE 12	2							
21	2	129A00-91200	CLIP, BAND	1							
22	1	129E00-59040	HOSE ASSY, RETURN	1							
23	2	114270-59010	CLAMP, HOSE 12	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129940-77011	STARTER, 12V.3KW	1							
2	2	129940-77100	ARMATURE ASSY	1							
5	2	129940-77130	COIL ASSY, FIELD	1							
6	3	129940-77140	SCREW, CORE SET	4							
7	3	129940-77150	O-RING	1							
8	3	129940-77160	BRUSH, +	2							
9	2	129940-77171	COVER, REAR	1							
10	2	129940-77181	HOLDER ASSY, BRUSH	1							
11	3	129940-77190	SPRING, BRUSH	1							
12	3	129940-77200	BRUSH, -	2							
13	2	129940-77210	SWITCH ASSY, MAGNET	1							
14	2	129940-77221	CASE, GEAR	1							
15	2	129940-77230	RETAINER, BEARING	1							
16	2	129940-77240	LEVER SET, SHIFT	1							
17	2	129940-77250	COVER KIT, DUST	1							
18	2	129940-77260	BOLT, THROUGH	2							
19	2	129940-77270	BOLT, M6X20	4							
20	2	129940-77280	SCREW, M4	2							
21	2	123900-77510	CLUTCH ASSY, PINION	1							
22	3	123900-77520	CLUTCH ASSY	1							
23	4	X2240610100	BEARING, BALL	2							
24	3	123900-77540	SHAFT, PINION	1							
25	3	119131-77550	STOPPER SET, PINION	1							
29	2	121254-77810	COVER, TERMINAL M	1							
30	2	114371-79070	BOLT, M6	2							
31	1	26116-120302	BOLT, M12X 30 PLATED	2							

(A)=4TNV98C-WBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129908-77200	ALTERNATOR,	1							
2	2	129908-77710	BEARING, BALL FR	1							
3	2	129908-77720	ROTOR	1							
4	2	129908-77730	BEARING, BALL RR	1							
5	2	129908-77740	RECTIFIER	1							
6	2	129908-77750	REGULATOR	1							
7	2	129908-77760	STATOR	1							
8	2	129908-77770	PROTECTOR	1							
9	1	129908-77220	BOLT, STOPPER M10	1							
10	1	129908-77360	PIECE, DISTANCE	1							
11	1	26306-100002	NUT, M10	1							
12	1	129953-77300	ADJUSTER, BELT	1							
13	1	121236-77340	SPACER, ADJUSTER	1							
14	1	119624-77351	BLOCK ASSY, ADJUSTER	1							
16	2	26106-081004	BOLT, M8X100 PLATED	1							
17	2	26306-080002	NUT, M8	1							
18	1	26014-080252	BOLT, M8X 25	1							
19	1	26106-080452	BOLT, M8X 45 PLATED	1							

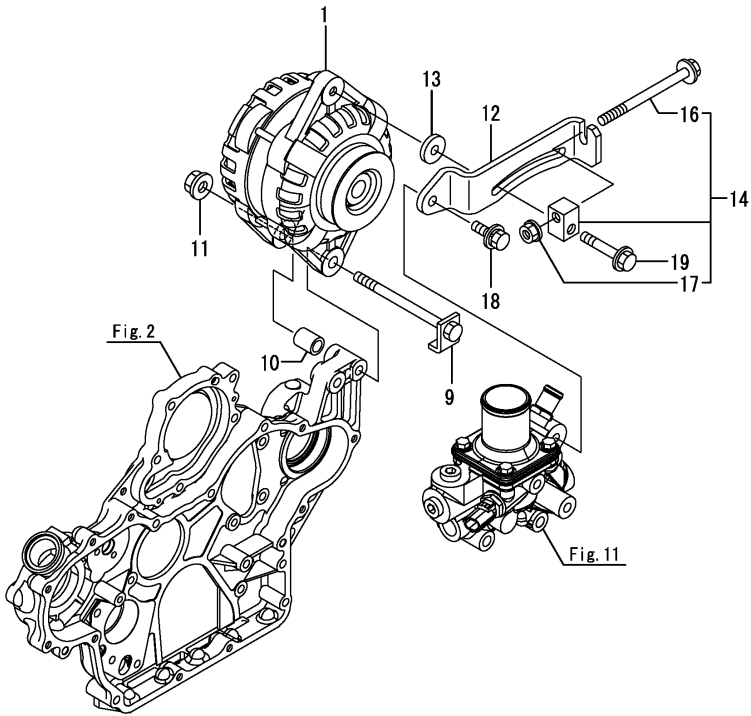
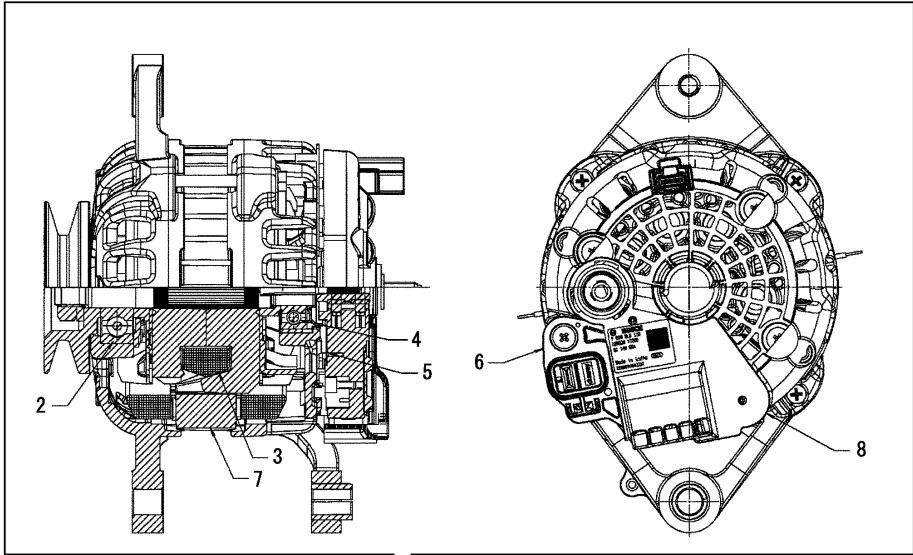
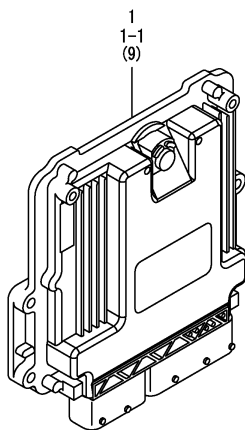


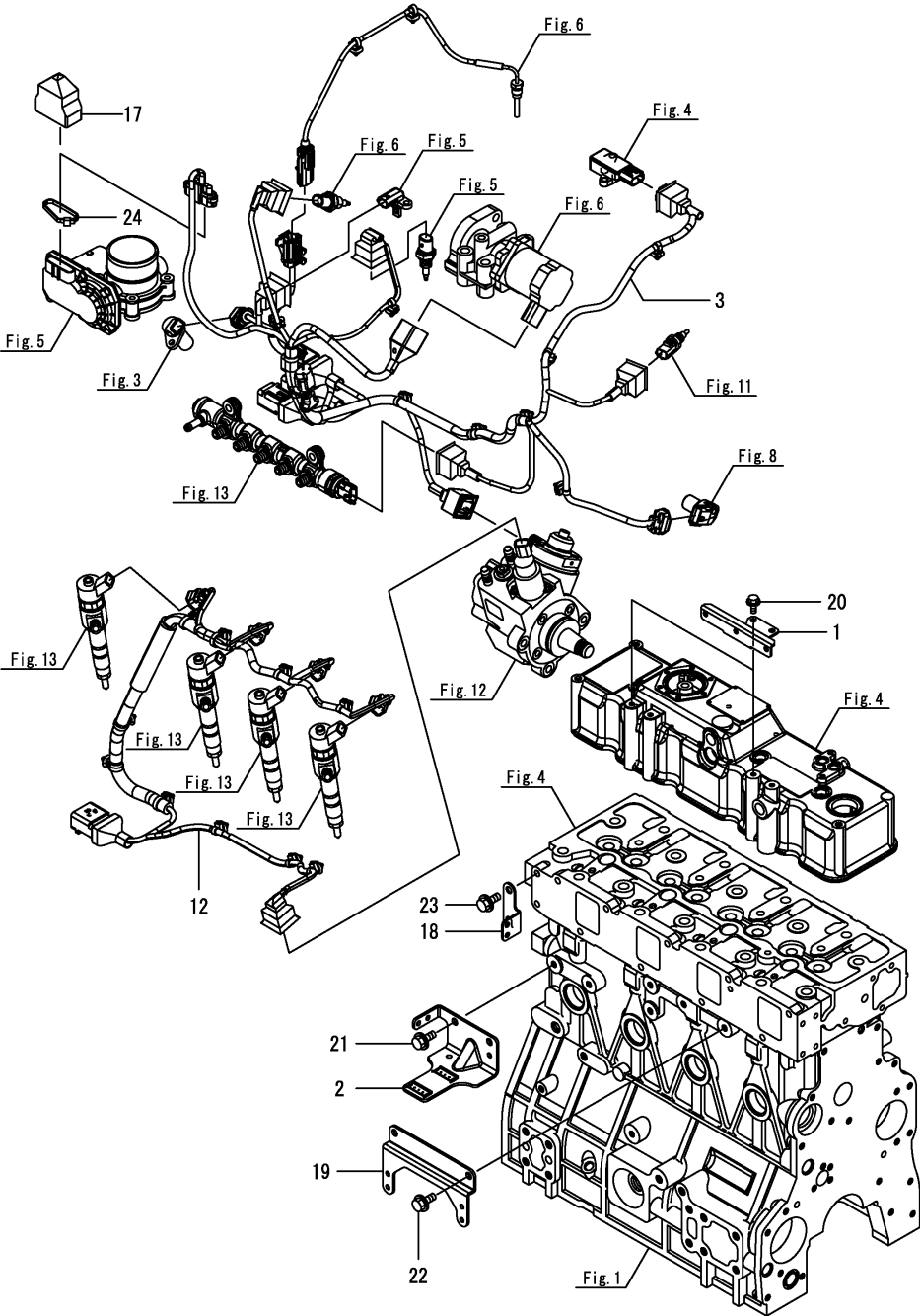
Fig.17. ELECTRONIC CONTROL UNIT(ECU)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E20-75180	ECU ASSY,98C-WBV1	1							1
1-1	1	129E20-75181	ECU ASSY,98C-WBV1	1							S 1
(A=E81715)											
9	1	129A00-75910	ECU ASSY,SERVICE YMR	1							2

Remarks
(1)Eco ECU
This part cannot be ordered.
Replace the part using a Service ECU with the proper engine information installed.
(2)Service ECU
When replacing this part, it is necessary to update the software of the ECU using the designated service tool.
Please refer to the Service Manual for details.

Fig.18. ELECTRIC PARTS



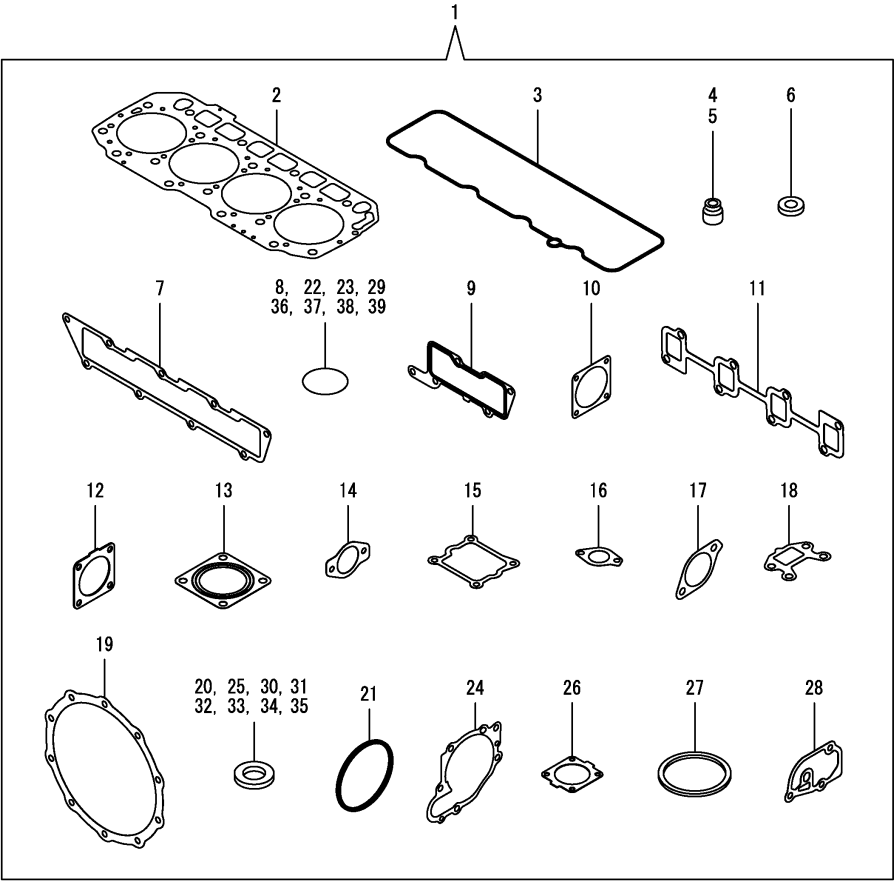
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E00-11390	BRACKET, HARNESS	2							
2	1	129E00-77910	BRACKET, CONNECTOR	1							
3	1	129E00-91222	HARNESS, B T4	1							
12	1	129E00-91231	HARNESS, C T4	1							
17	1	129A00-91451	BOOT, CAP TYPE	1							
18	1	129A00-91600	BRACKET, HARNESS	1							
19	1	129E00-91600	BRACKET, HARNESS	1							
20	1	26106-060122	BOLT, M6X 12 PLATED	4							
21	1	26106-080122	BOLT, M8X 12 PLATED	2							
22	1	26106-080122	BOLT, M8X 12 PLATED	2							
23	1	26106-080122	BOLT, M8X 12 PLATED	2							
24	1	29621-200000	BAND	1							

Fig.19. GASKET SET

(A)=4TNV98C-WBV1
(B)=
(C)=

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

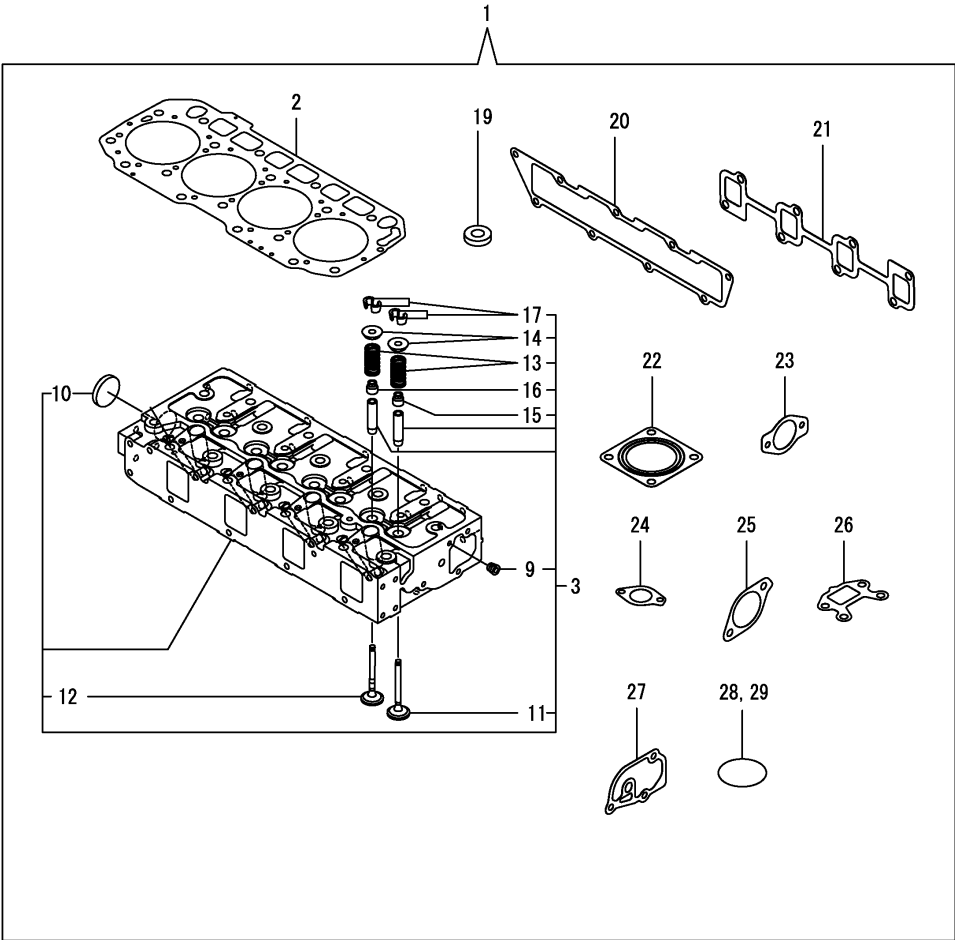
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E22-92600	GASKET SET	1							1
2	2	129E00-01330	GASKET, HEAD	1							
3	2	129E00-11310	GASKET, BONNET	1							
3-1	2	129E00-11330 (A=E28753)	GASKET, BONNET	1						N	
4	2	124460-11340	SEAL, VALVE STEM	4							
5	2	129A00-11340	SEAL, VALVE STEM	4							
6	2	129978-11871	GASKET, INJECTOR	4							
7	2	129E00-12110	GASKET, MANIFOLD	1							
8	2	129A00-12790	O-RING, TEMP SENSOR	1							
9	2	129E00-12810	GASKET, COLLECTOR	1							
10	2	129A00-12910	GASKET, THROTTLE	2							
11	2	129E00-13110	GASKET, MANIFOLD	1							
12	2	129930-13201	GASKET, SILENCER	1							
13	2	128300-13230	GASKET, SILENCER	1							
14	2	129E00-13410	GASKET, EGR COOLER	2							
15	2	129E00-13720	GASKET, EGR-V SPACER	1							
16	2	129927-13810	GASKET, EGR PIPE	1							
17	2	129E00-13910	GASKET, EGR-V INLET	1							
18	2	129E00-13920	GASKET, EGR-V OUTLET	1							
19	2	129E00-16600	GASKET, DPF	2							
20	2	129A00-17311	GASKET, SENSOR	4							
21	2	129960-21930	GASKET, WASHER	1							
22	2	129900-32030	O-RING, P20	2							
23	2	129900-32040	O-RING, P14	1							
24	2	129900-42020	GASKET, WATER PUMP	1							
25	2	124465-44950	GASKET, 16	2							
26	2	121850-49540	GASKET, THERMOSTAT	1							
27	2	121850-49550	GASKET, THERMOSTAT	1							
28	2	129900-49870	GASKET, THERMOSTAT	1							
29	2	129A00-51900	O-RING, FUEL PUMP	1							
30	2	22190-080002	WASHER, SEAL 8	5							
31	2	22190-120002	WASHER, SEAL 12	1							
32	2	22190-140002	WASHER, SEAL 14	2							
33	2	22190-220002	WASHER, SEAL 22	1							
34	2	23414-080000	GASKET, 8X1.0	1							
35	2	23414-120000	GASKET, 12X1.0	2							
36	2	24311-000070	O-RING, 1AP7.0	1							
37	2	24311-000120	O-RING, 1AP12.0	3							
38	2	24311-000320	O-RING, 1AP32.0	2							
39	2	24321-000600	O-RING, 1AG60.0	1							



Remarks
(1)Optional parts.

(A)=4TNV98C-WBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129E20-95130	PARTS ASSY, SERVICE	1							W
(A=*2024.04)											
2	2	129E00-01330	GASKET, HEAD	1							
3	2	129E20-11700	HEAD ASSY, CYLINDER	1							
9	3	23876-005000	PLUG, R005	1							
10	3	27241-400000	PLUG, 40	1							
11	3	129E00-11100	VALVE, INTAKE	4							
12	3	129900-11110	VALVE, EXHAUST	4							
13	3	129900-11120	SPRING, VALVE	8							
14	3	129795-11180	RETAINER, SPRING	8							
15	3	124460-11340	SEAL, VALVE STEM	4							
16	3	129A00-11340	SEAL, VALVE STEM	4							
17	3	27310-080001	COTTER, 8	8							
19	2	129978-11871	GASKET, INJECTOR	4							
20	2	129E00-12110	GASKET, MANIFOLD	1							
21	2	129E00-13110	GASKET, MANIFOLD	1							
22	2	128300-13230	GASKET, SILENCER	1							
23	2	129E00-13410	GASKET, EGR COOLER	2							
24	2	129927-13810	GASKET, EGR PIPE	1							
25	2	129E00-13910	GASKET, EGR-V INLET	1							
26	2	129E00-13920	GASKET, EGR-V OUTLET	1							
27	2	129900-49870	GASKET, THERMOSTAT	1							
28	2	24311-000120	O-RING, 1AP12.0	3							
29	2	24311-000320	O-RING, 1AP32.0	2							

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