

YANMAR 굴삭기

ViO20-6

PARTS CATALOG



0CK50-M02280EN

Precautions

1. Some of the illustrations in this parts catalog are simplified.
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.
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) VI020-6 for Korea. (M/# 63037~)

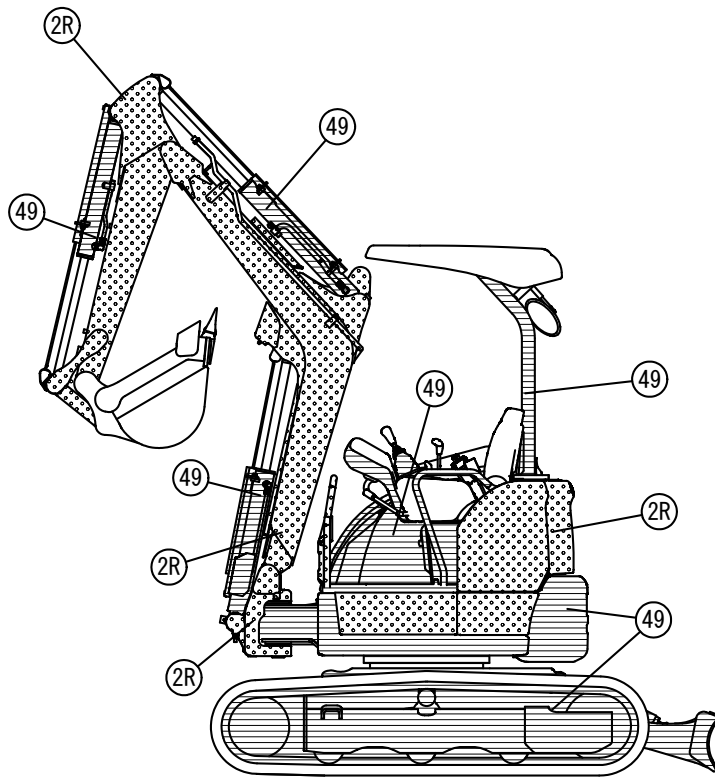
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI020-6 (KR)	Nov. , 2020	
	Engine	3TNV76-PBV1		

3. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.

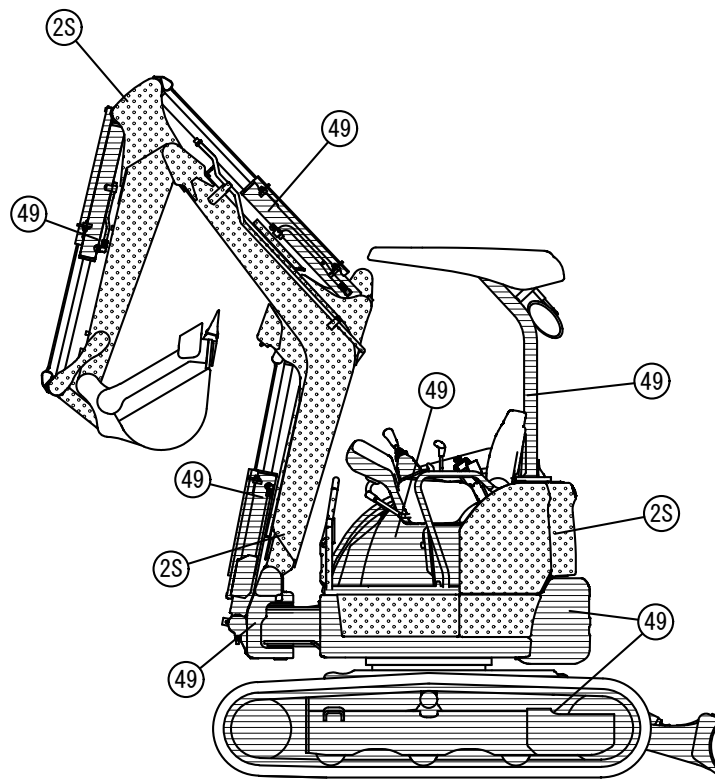
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR



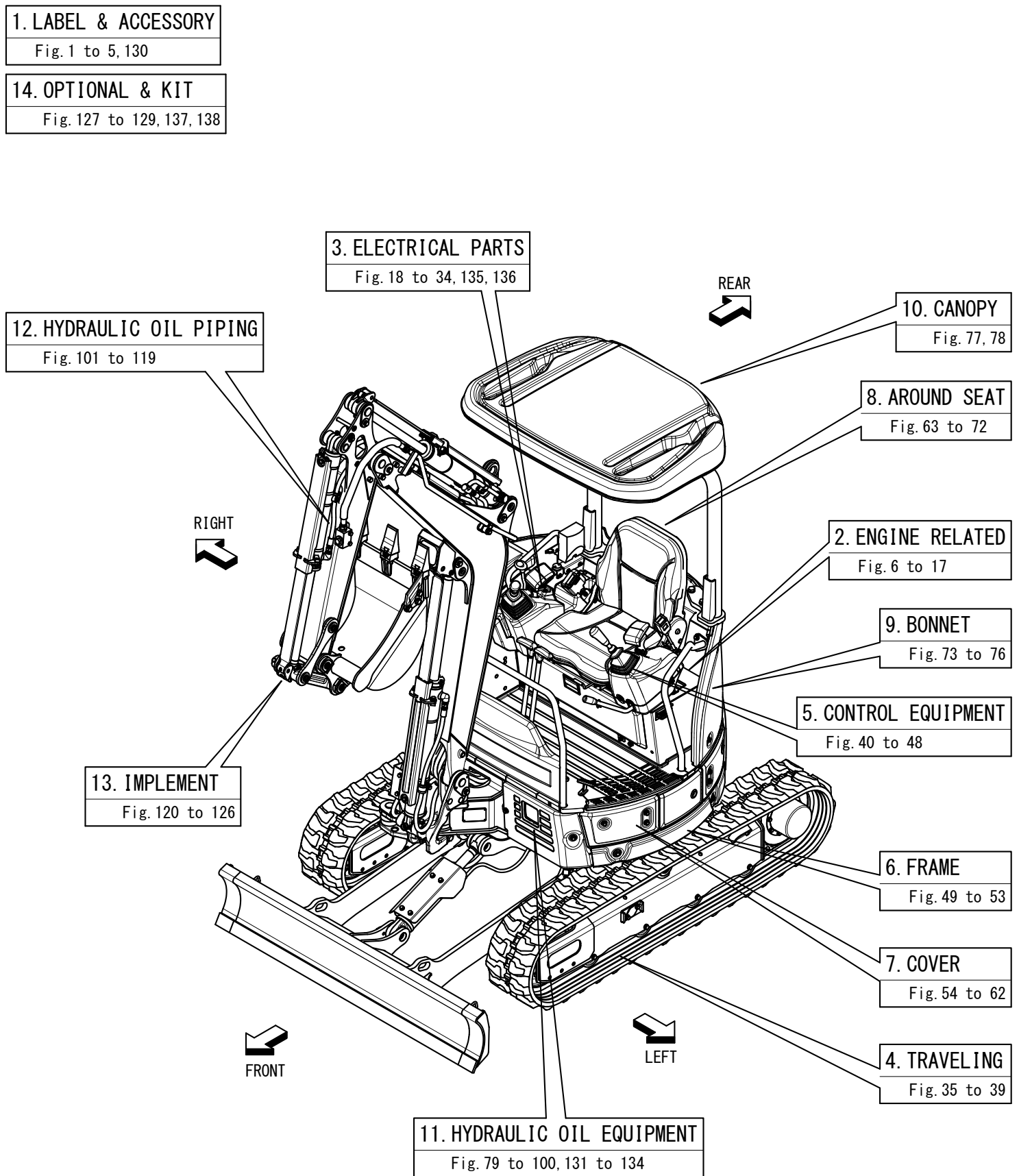
Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
49		YANMAR Navy Gray	-----	TOR-91390001	TOR-94800491

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

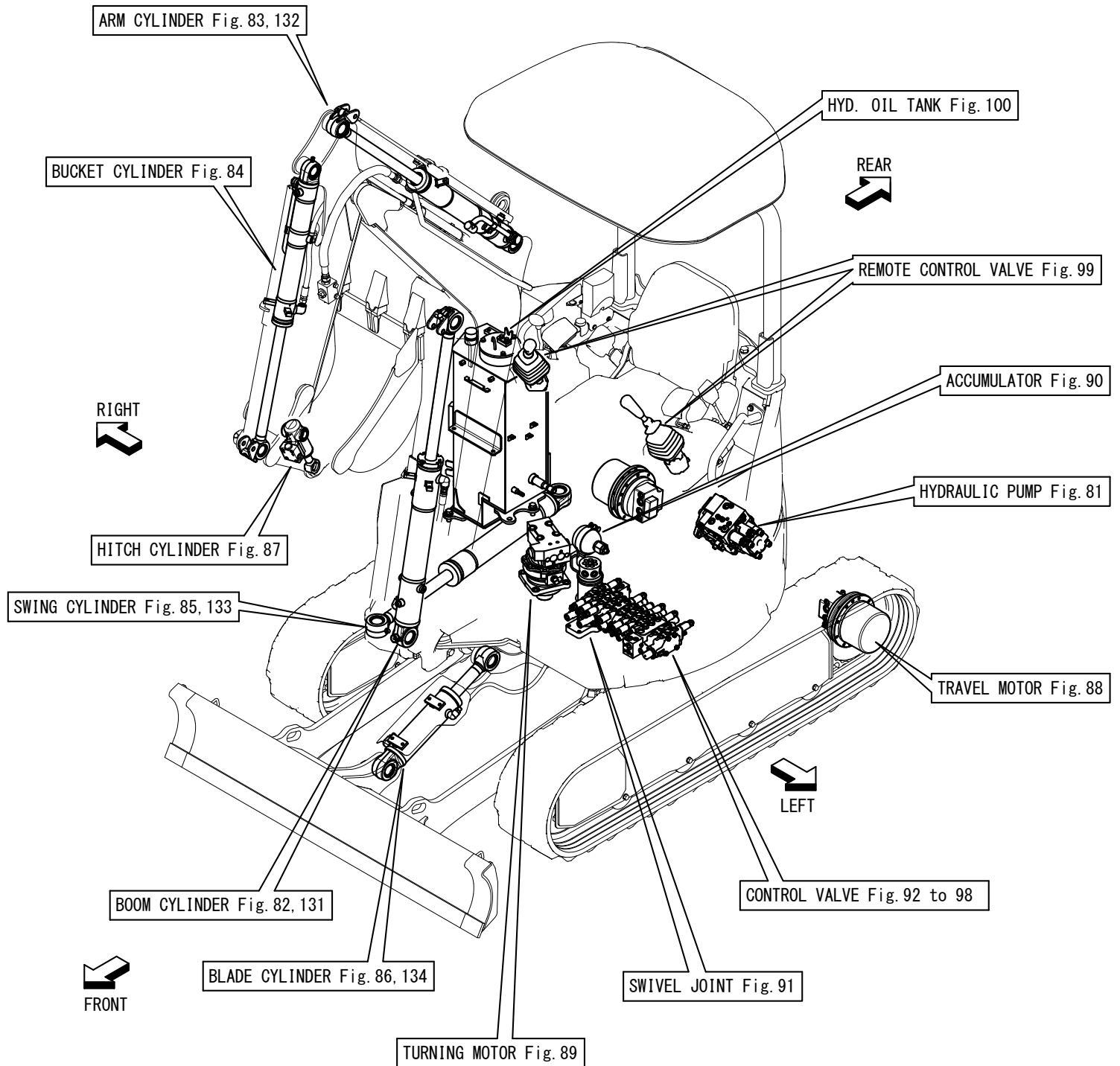
PICTURESQUE INDEX (1) ■ ■ ■ MAIN PARTS



PICTURESQUE INDEX (1) ■ ■ ■ MAIN PARTS

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Fig. No. Fig. Name

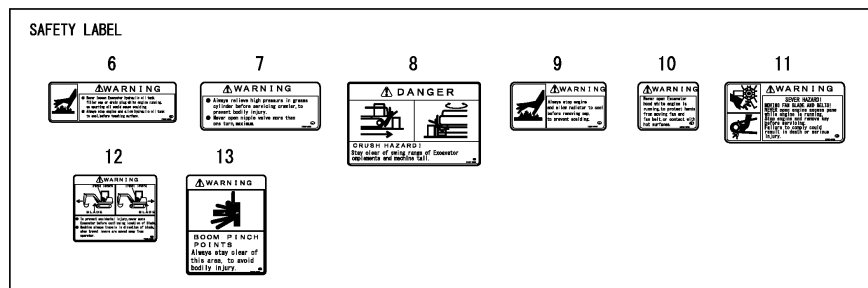
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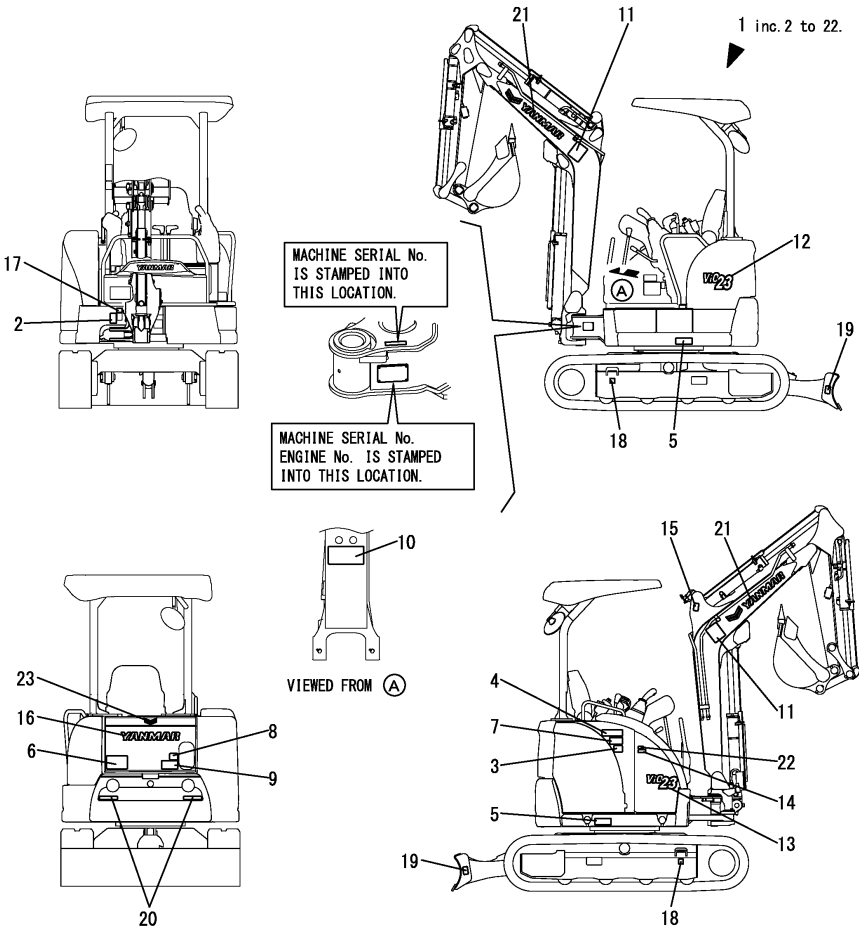
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-08690	LABEL SET,OUT KR	1							
2	2	172A23-03470	LABEL, MODEL VIO20	1							
3	2	172B57-03470	LABEL,MODEL VIO20 R	1							
4	2	172A86-03790	LABEL, YANMAR 450 B	1							
5	2	172A86-03790	LABEL, YANMAR 450 B	2							
6	2	172437-03322	LABEL, RESERVOIR US	1							
7	2	172437-03352	LABEL, GREASE CYL US	2							
8	2	172A64-03380	LABEL, SWING AREA US	1							
9	2	172437-03391	LABEL, RADIATOR	1							
10	2	172437-03402	LABEL, ENGINE COVER	1							
11	2	172A36-03411	LABEL, ENGINE ROOM	1							
12	2	172437-03432	LABEL, STEERING	1							
13	2	172437-03461	LABEL, BOOM	2							
14	2	172437-03501	LABEL, FUEL US	1							
15	2	172437-03511	LABEL, LIFTING	1							
15-1	2	172437-03512	LABEL,LIFTING	1							N
		(A=M64448)									
16	2	172A29-03800	LABEL, GREASE US	1							
17	2	114110-07761	LABEL, FUEL CAUTION	1							
18	2	172B16-03260	LABEL, PTO SELECT	1							1
19	2	172463-03290	LABEL, OILING US	1							
20	2	172B04-03970	LABEL, REFLECTOR S	2							
21	2	172B03-03930	LABEL,TIE-DOWN	2							
22	2	172B03-03940	LABEL,LIFTING & TIE	2							
23	1	172B02-03300	EMBLEM ASSY, FY M1 Y	1							

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

Fig.130. (1A)LABEL(EXTERIOR)(PREMIUM RED SPEC.)



SAFETY LABEL

4

5

6

7

8

9

10

11

(A)=VIO20-6(KR)
(B)=
(C)=

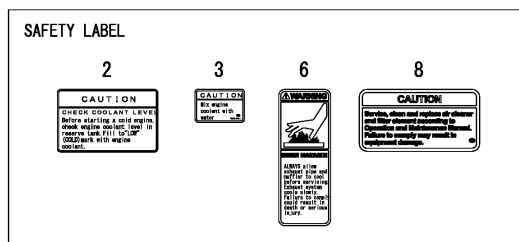
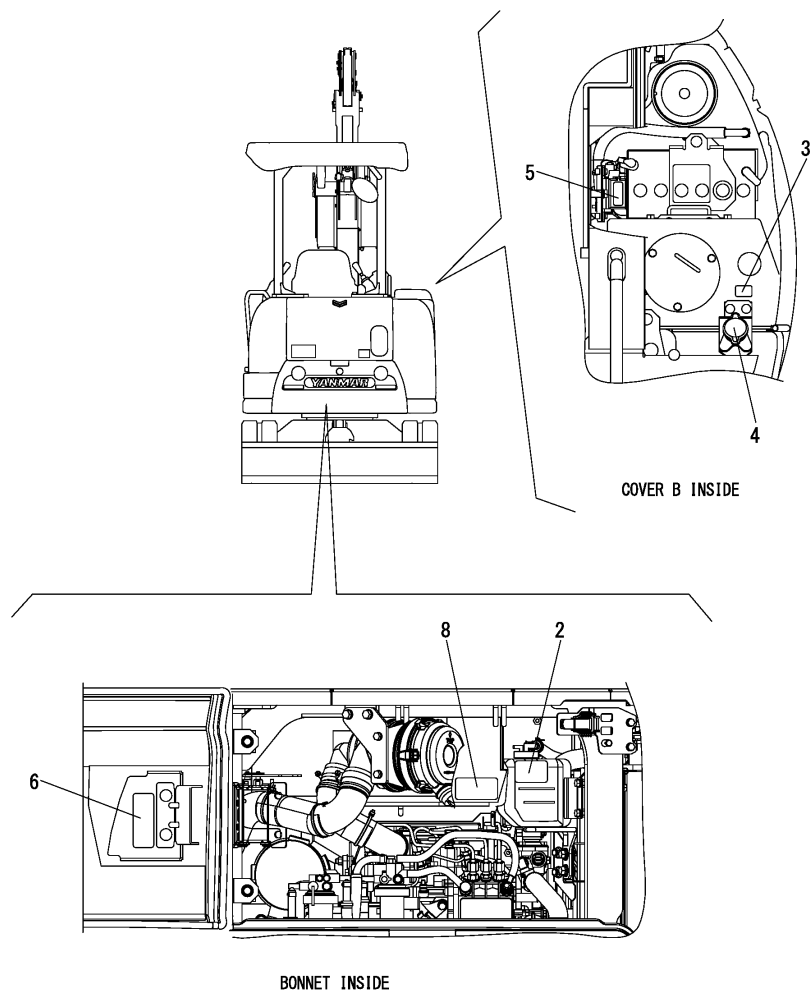
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-09060	LABEL SET,OUT KR PR	1							
2	2	172B16-03260	LABEL, PTO SELECT	1							1
3	2	172463-03290	LABEL, OILING US	1							
4	2	172437-03322	LABEL, RESERVOIR US	1							
5	2	172437-03352	LABEL, GREASE CYL US	2							
6	2	172A64-03380	LABEL, SWING AREA US	1							
7	2	172437-03391	LABEL, RADIATOR	1							
8	2	172437-03402	LABEL, ENGINE COVER	1							
9	2	172A36-03411	LABEL, ENGINE ROOM	1							
10	2	172437-03432	LABEL, STEERING	1							
11	2	172437-03461	LABEL, BOOM	2							
12	2	172A23-03470	LABEL, MODEL VIO20	1							
13	2	172B57-03470	LABEL,MODEL VIO20 R	1							
14	2	172437-03501	LABEL, FUEL US	1							
15	2	172437-03512	LABEL,LIFTING	1							
16	2	172663-03520	LABEL,YANMAR 450 W	1							
17	2	172A29-03800	LABEL, GREASE US	1							
18	2	172B03-03930	LABEL,TIE-DOWN	2							
19	2	172B03-03940	LABEL,LIFTING & TIE	2							
20	2	172B04-03970	LABEL, REFLECTOR S	2							
21	2	172A86-04360	LABEL,FY&YANMAR 400W	2							
22	2	114110-07761	LABEL, FUEL CAUTION	1							
23	1	172B02-03350	EMBLEM ASSY,FY M1 BK	1							

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

Fig.2. LABEL(BONNET INSIDE)

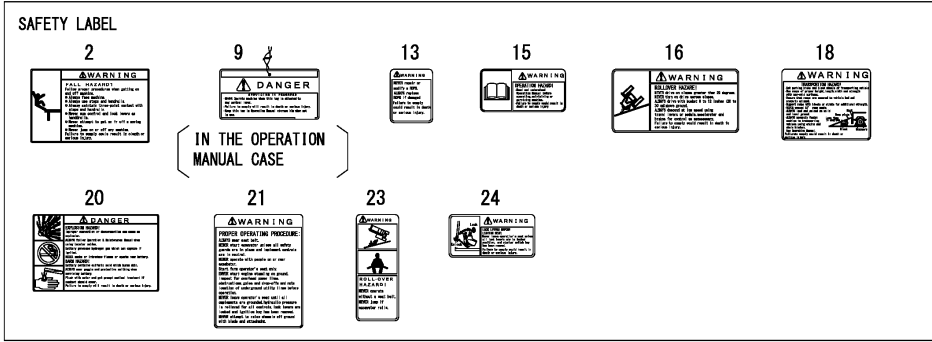
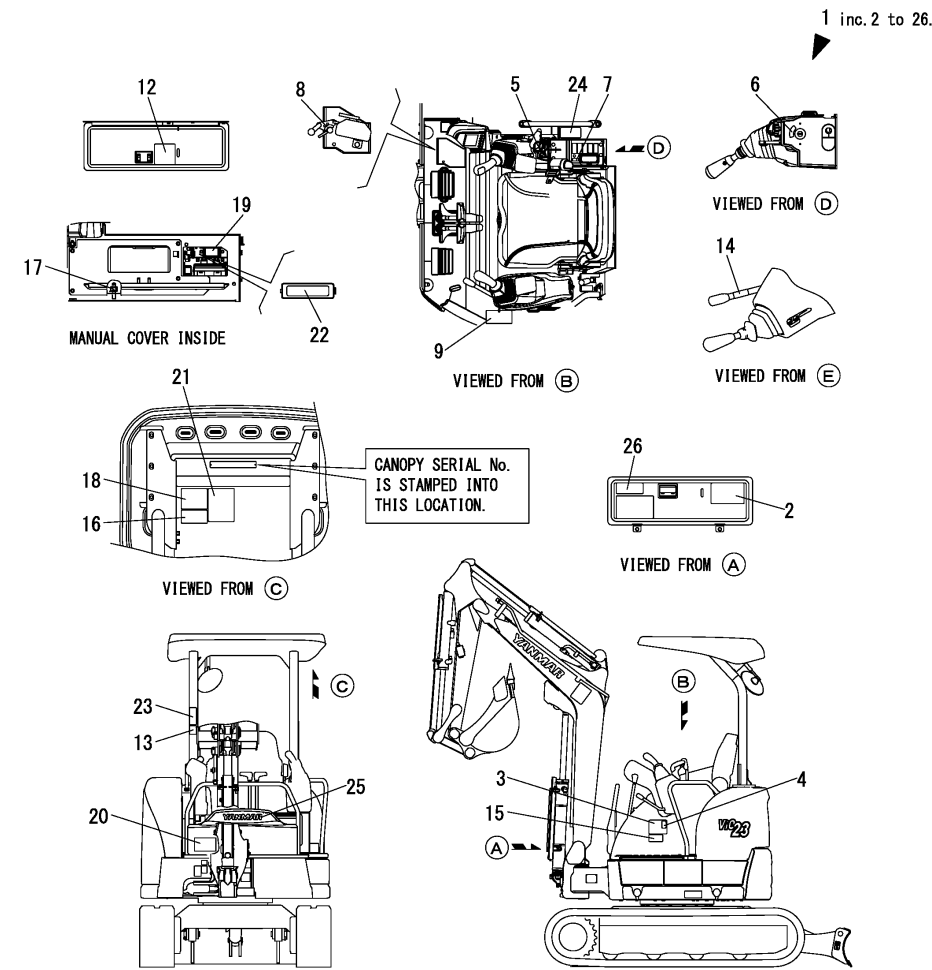
1 inc. 2 to 8.



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-08190	LABEL SET,IN EX	1							
2	2	172A38-03201	LABEL, SUB TANK	1							
3	2	172A38-03211	LABEL, ANTI-FREEZING	1							
4	2	172462-03320	LABEL, RADIATOR	1							
5	2	172B16-03320	LABEL, FUSE	1							
6	2	172B16-03390	LABEL, SILENCER EX	1							
8	2	172B57-03520	LABEL,AIR CLEANER EX	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-08960	LABEL SET,2P KR	1							
2	2	172472-03141	LABEL, SUPPORT	1							
3	2	172490-03200	LABEL, OPERATION	1							
4	2	172490-03210	LABEL, PTO	1							
5	2	172A69-03220	LABEL, ACCELERATOR	1							
6	2	172B03-03220	LABEL, KEY SWITCH	1							
7	2	172B16-03220	LABEL, WARNING	1							
8	2	172458-03240	LABEL, LOCK	1							
9	2	172437-03252	TAG ASSY, CAUTION	1							
12	2	172B57-03250	LABEL, ADJUST EX	1							
13	2	172499-03270	LABEL, TOPS	1							
14	2	172183-03280	LABEL, LOCK	1							
15	2	172437-03302	LABEL, MANUAL	1							
16	2	172437-03312	LABEL, SLOPE	1							
17	2	172B16-03310	LABEL, FUSE	1							
18	2	172437-03343	LABEL, TRANSPORT	1							
19	2	172B57-03340	LABEL, FUSE BOX EX	1							
20	2	172437-03361	LABEL, BATTERY	1							
21	2	172437-03372	LABEL, NEUTRAL	1							
22	2	172B57-03370	LABEL, RELAY BOX JP	1							
23	2	172437-03451	LABEL, SEAT BELT	1							
24	2	172437-03471	LABEL, LEVER LOCK US	1							
25	2	172A86-03750	LABEL, YANMAR 280 B	1							
26	2	172B57-03180	LABEL, SPEC KR	1							

Fig.4. LABEL(QUICK COUPLER)

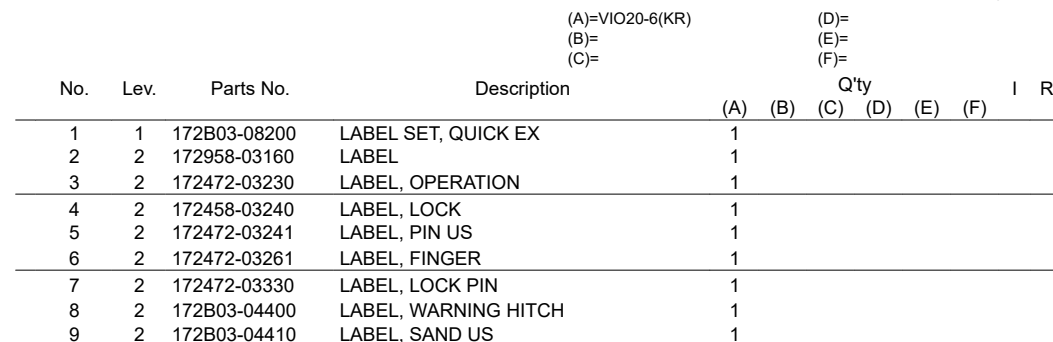
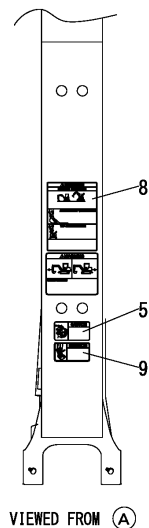
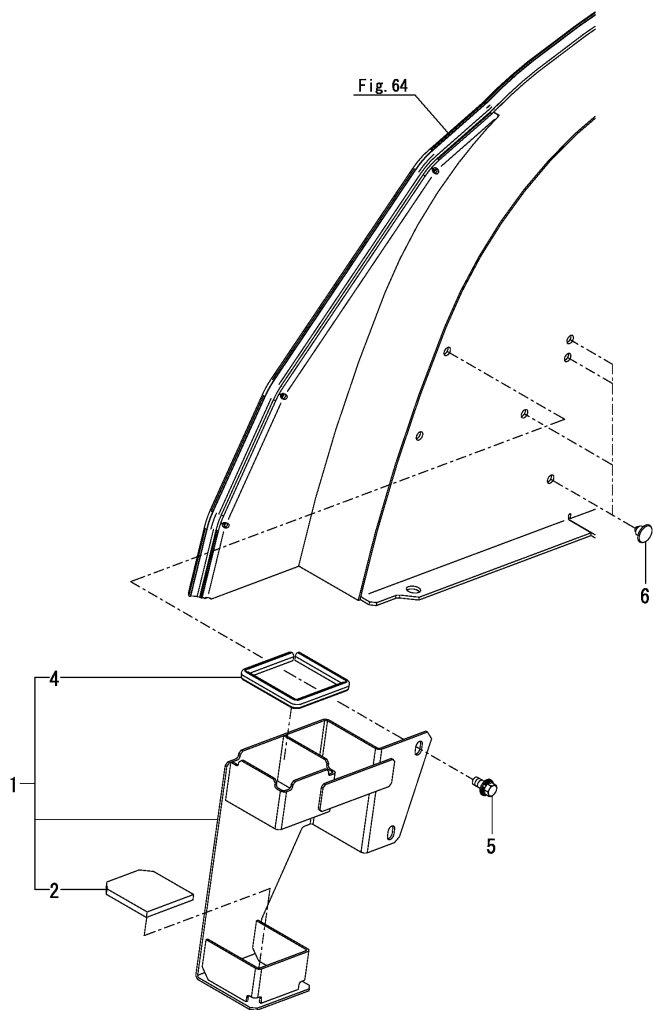
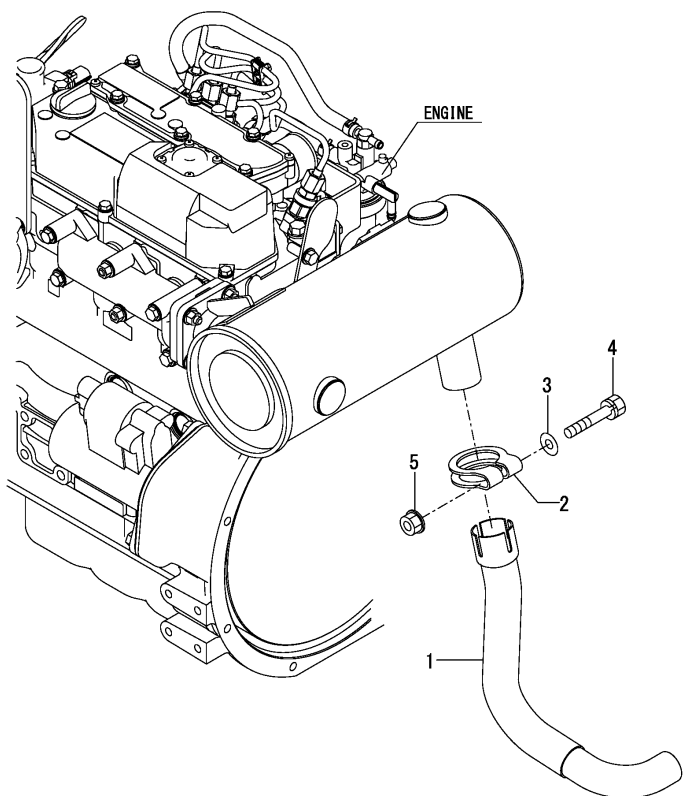


Fig.5. GREASE GUN BRACKET



				(A)=VIO20-6(KR)					(D)=	
				(B)=					(E)=	
				(C)=					(F)=	
No.	Lev.	Parts No.	Description	Q'ty						
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172B57-05800	HOLDER ASSY,GG	1						
2	2	172B57-05820	RUBBER,65X65X6	1						
4	2	172B57-61790	SEAL,265	1						
5	1	26014-080162	BOLT, M8X 16	2						
6	1	172444-17660	CLIP, TREE 8	4						

Fig.6. MUFLER

[illegible]

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-11500	AIR CLEANER ASSY	1							
2	2	172B03-11571	NUT, AIR CLEANER	2							
3	2	172B57-11810	CAP ASSY,AIR CLNR	1							
4	2	172B57-11820	FILTER ASSY,AIR CLNR	1							
5	1	172B57-11510	HOSE ASSY, AIR/C A	1							
9	1	172B57-11530	HOSE ASSY, AIR/C B	1							
13	1	172B57-11550	BRACKET, A CL	1							
14	1	23000-060000	CLAMP, 60	2							
15	1	23000-060000	CLAMP, 60	1							
16	1	26013-080252	BOLT, M8X 25	2							
17	1	26013-100202	BOLT, M10X 20	2							

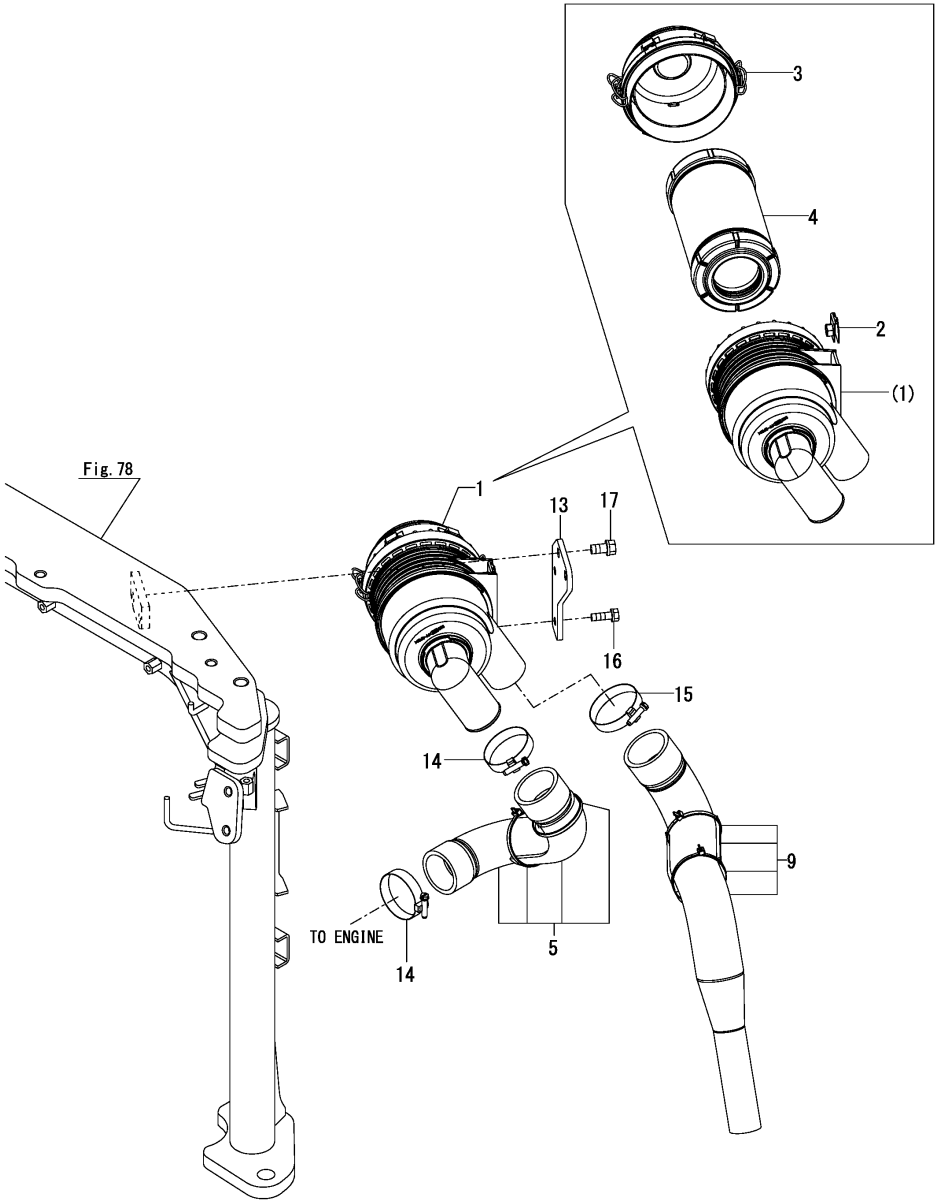
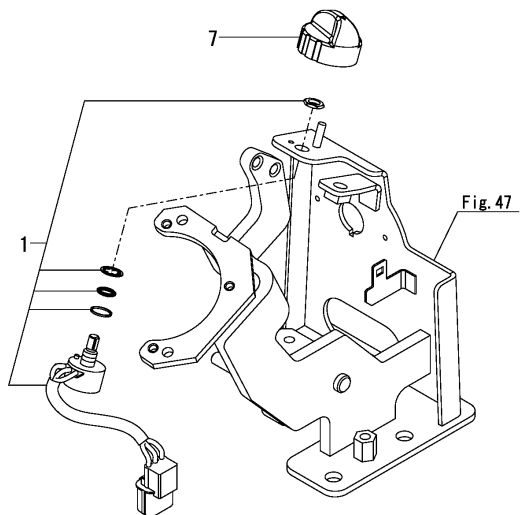
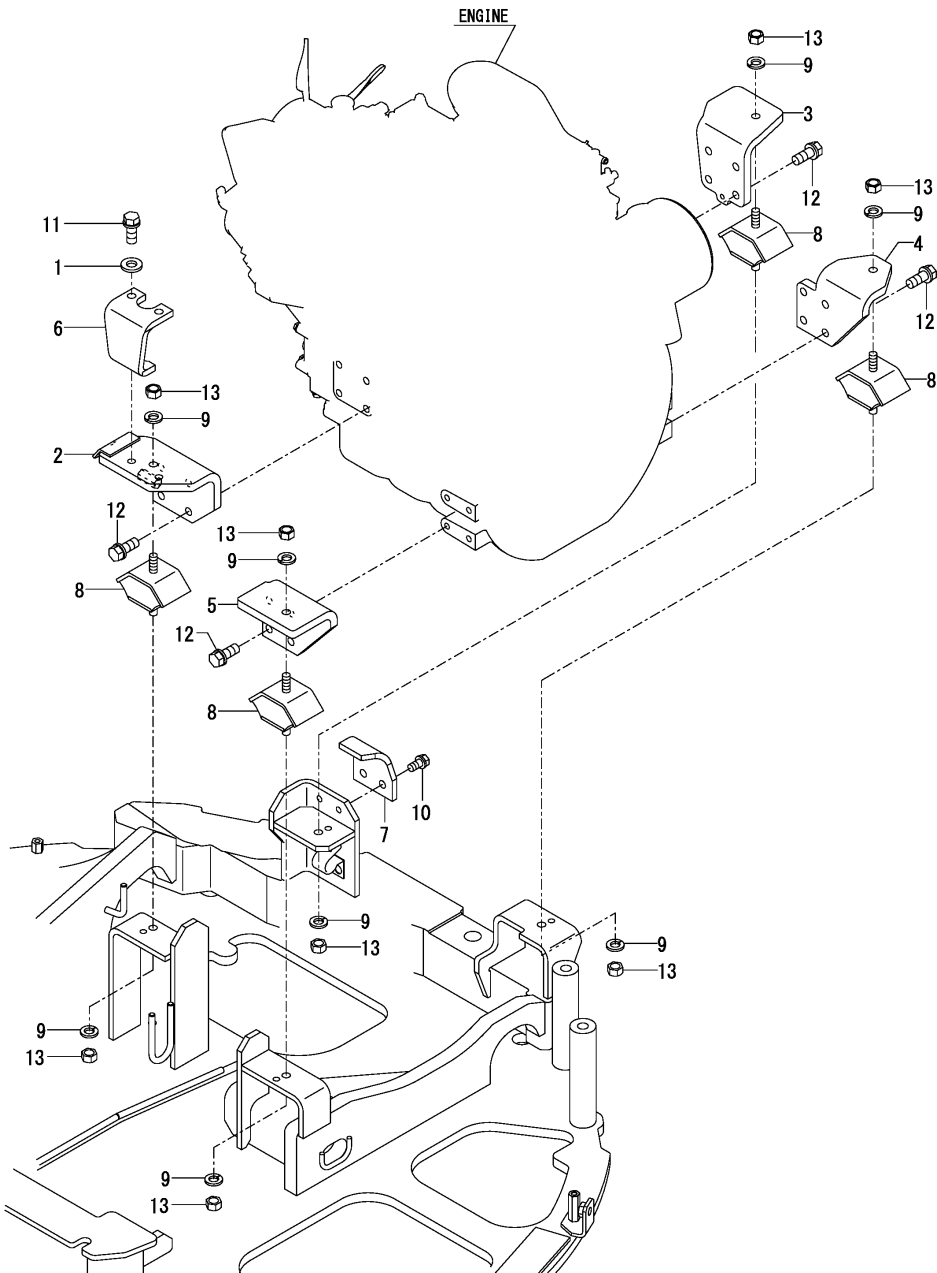


Fig.8. ACCELERATOR

[illegible]

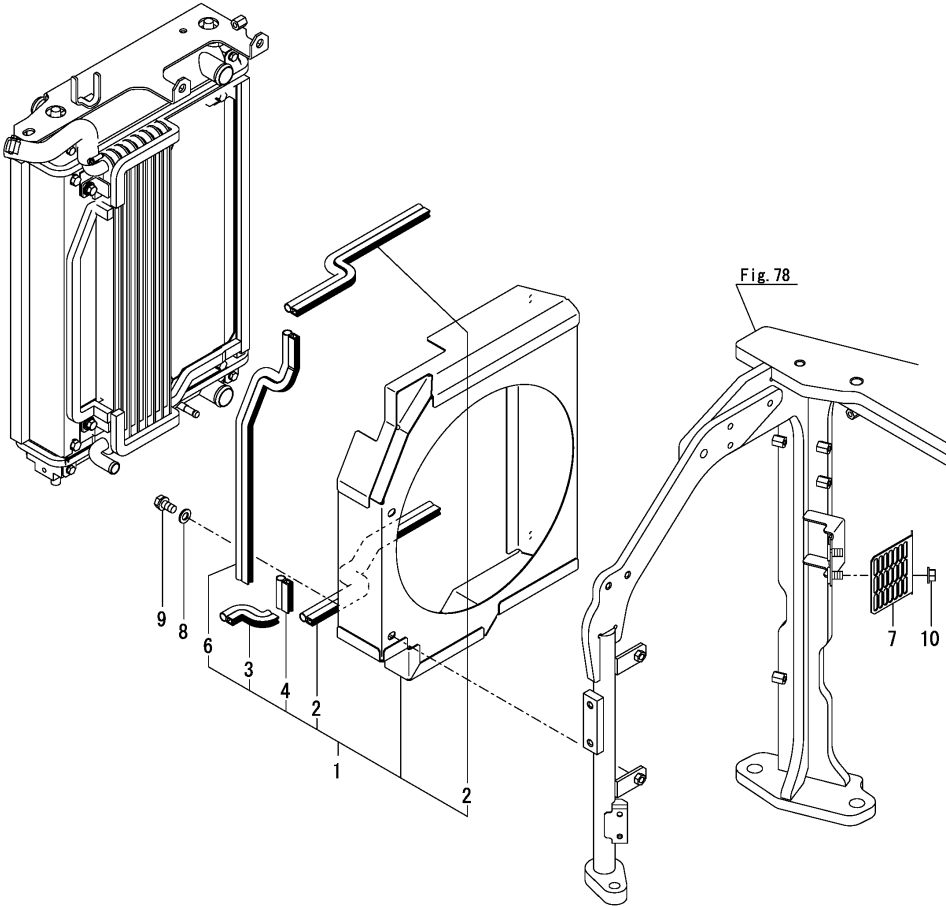


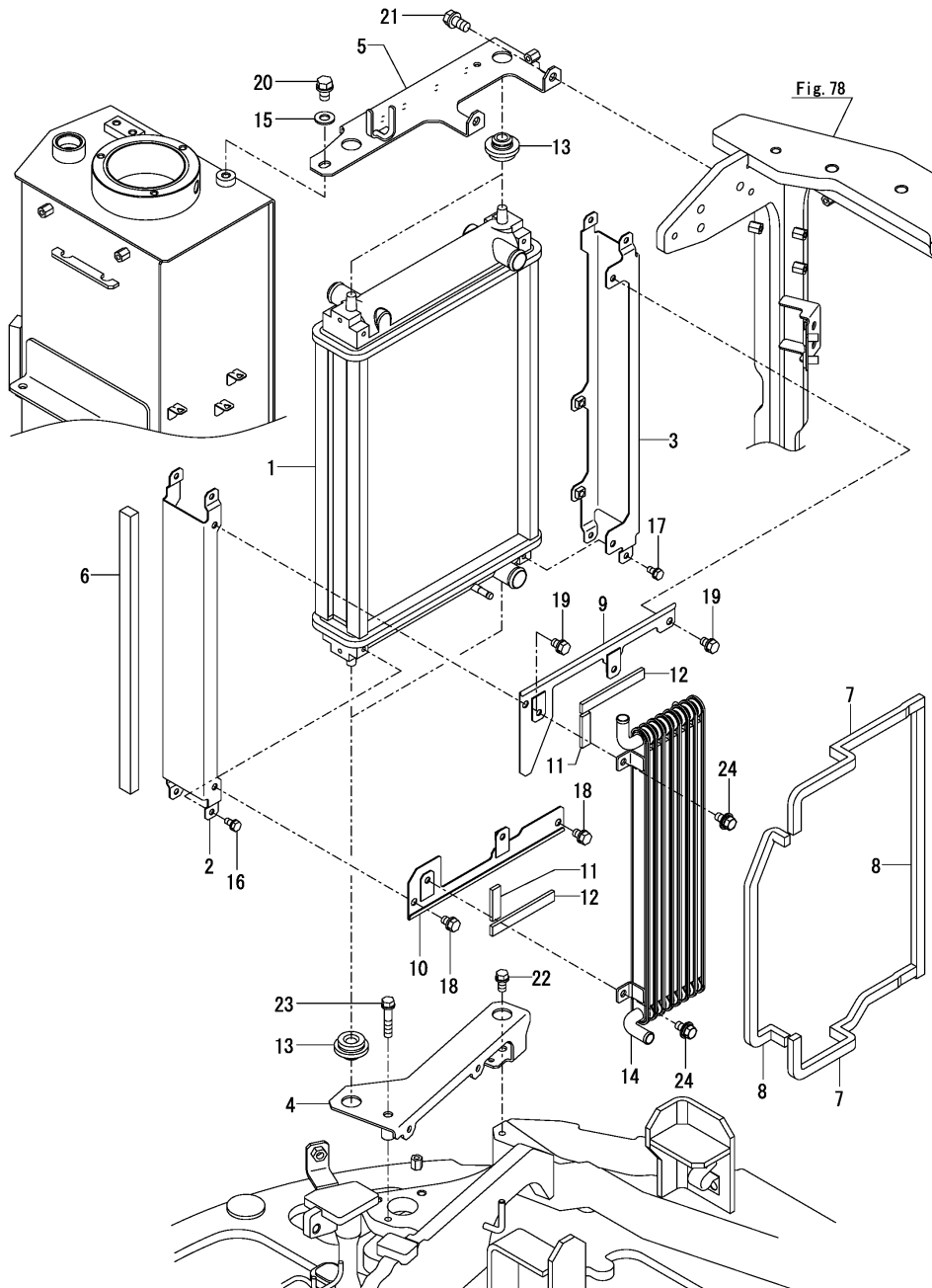
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER, 10	2							
2	1	172B57-13090	MOUNT ASSY,ENG LF	1							
3	1	172B57-13100	MOUNT,RF ENG	1							
4	1	172B57-13120	MOUNT,RR ENG	1							
5	1	172A23-13130	MOUNT LR, ENG	1							
6	1	172456-13140	STOPPER, ENGINE L	1							
7	1	172B57-13150	STOPPER, ENGINE	1							
8	1	172179-13211	RUBBER, ABSORBER	4							
9	1	22217-100000	WASHER, SPRING 10	8							
10	1	26013-100202	BOLT, M10X 20	2							
11	1	26013-100252	BOLT, M10X 25	2							
12	1	26013-100252	BOLT, M10X 25	16							
13	1	26716-100002	NUT, M10	8							

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-13900	SHROUD ASSY	1							
2	2	172B57-13800	SEAL,305	2							
3	2	172B57-13810	SEAL,75	1							
4	2	172B57-13820	SEAL,45	1							
6	2	172A64-64920	SEAL, 480	1							
7	1	172B57-13990	GUARD,FAN	1							
8	1	22117-080000	WASHER, 8	4							
9	1	26013-080162	BOLT, M8X 16	4							
10	1	26051-100002	NUT, M10	2							

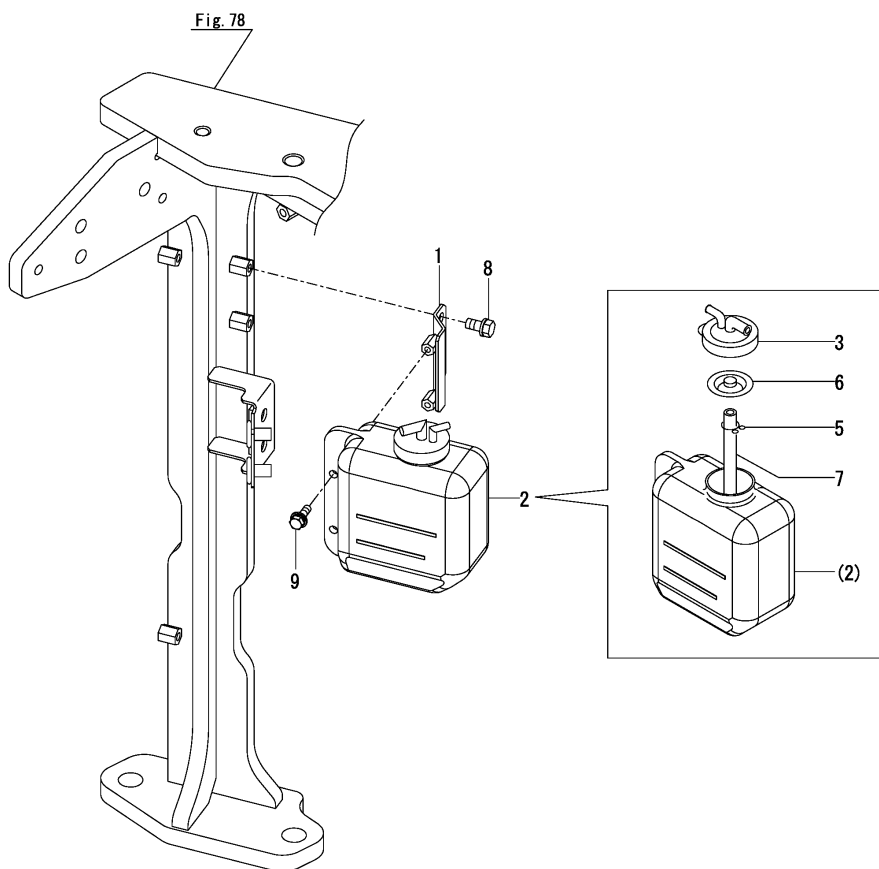




No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-13160	RADIATOR ASSY	1							
2	1	172B57-13300	SUPPORT ASSY, F	1							
3	1	172B57-13350	SUPPORT ASSY, R	1							
4	1	172B57-13410	BRACKET ASSY,L RAD	1							
5	1	172B57-13450	BRACKET ASSY,U RAD	1							
6	1	172B57-13510	SEAL, RADIATOR A	1							
7	1	172B57-13520	SEAL, RADIATOR B	2							
8	1	172B57-13530	SEAL, RADIATOR C	2							
9	1	172B57-13710	BRACKET ASSY, U OC	1							
10	1	172B57-13760	BRACKET ASSY, L OC	1							
11	1	172B57-13780	SEAL,OC A	2							
12	1	172B57-13790	SEAL,OC B	2							
13	1	184015-44680	RUBBER, RADIATOR	4							
14	1	172B57-74800	COOLER ASSY,OIL	1							
15	1	22137-100000	WASHER, 10	1							
16	1	26013-060122	BOLT, M6X 12	4							
17	1	26013-060122	BOLT, M6X 12	4							
18	1	26013-080122	BOLT, M8X 12	2							
19	1	26013-080122	BOLT, M8X 12	2							
20	1	26013-100162	BOLT, M10X 16	1							
21	1	26013-100202	BOLT, M10X 20	2							
22	1	26013-100202	BOLT, M10X 20	1							
23	1	26013-100502	BOLT, M10X 50	1							
24	1	26014-080162	BOLT, M8X 16	4							

$$(F)=$$

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-13380	BRACKET ASSY, S TANK	1							
2	1	121468-44520	TANK ASSY, SUB	1							
3	2	121450-44531	CAP	1							
5	2	124450-44560	CLAMP, PIPE	1							
6	2	121470-44581	GASKET	1							
7	2	23065-070130	PIPE, 7X 130	1							
8	1	26013-080162	BOLT, M8X 16	2							
9	1	26014-060202	BOLT, M6X 20	2							



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	2							
2	1	1D4105-11950	FILLER ASSY	1							
3	2	1D4105-11990	CAP, FILLER	1							
4	1	172444-13210	COCK ASSY, 2WAY	1							
5	2	172444-13220	BODY	1							
6	2	121250-49121	PLUG, DRAIN M16	1							
7	2	24311-000160	O-RING, 1AP16.0	1							
8	1	172B57-13250	HOSE ASSY, 390	1							
11	1	172B57-13430	STAY ASSY, FILLER	1							
12	1	172A23-13530	HOSE, 8X10X130	1							
13	1	172B57-13550	HOSE, CW-T A	1							
14	1	172B57-13560	HOSE, CW-T B	1							
15	1	172B57-13570	HOSE, CW-T C	1							
16	1	172B57-13860	STAY ASSY,D VALVE	1							
17	1	172187-14430	HOSE ASSY, 700	1							
20	1	172B57-16980	CLIP,EDGE	1							
21	1	124766-59050	CLAMP, HOSE 11.5	2							
22	1	124766-59050	CLAMP, HOSE 11.5	2							
23	1	172B57-78120	HOSE, 15.9X25.9	1							
24	1	22137-060000	WASHER, 6	2							
25	1	22137-080000	WASHER, 8	3							
26	1	23001-025000	CLAMP, HOSE 25	2							
27	1	23001-041000	CLAMP, HOSE 41	2							
28	1	23001-041000	CLAMP, HOSE 41	2							
29	1	23001-041000	CLAMP, HOSE 41	2							
30	1	26013-060162	BOLT, M6X 16	2							
31	1	26013-080162	BOLT, M8X 16	2							
32	1	26013-080162	BOLT, M8X 16	2							
33	1	26013-080202	BOLT, M8X 20	3							

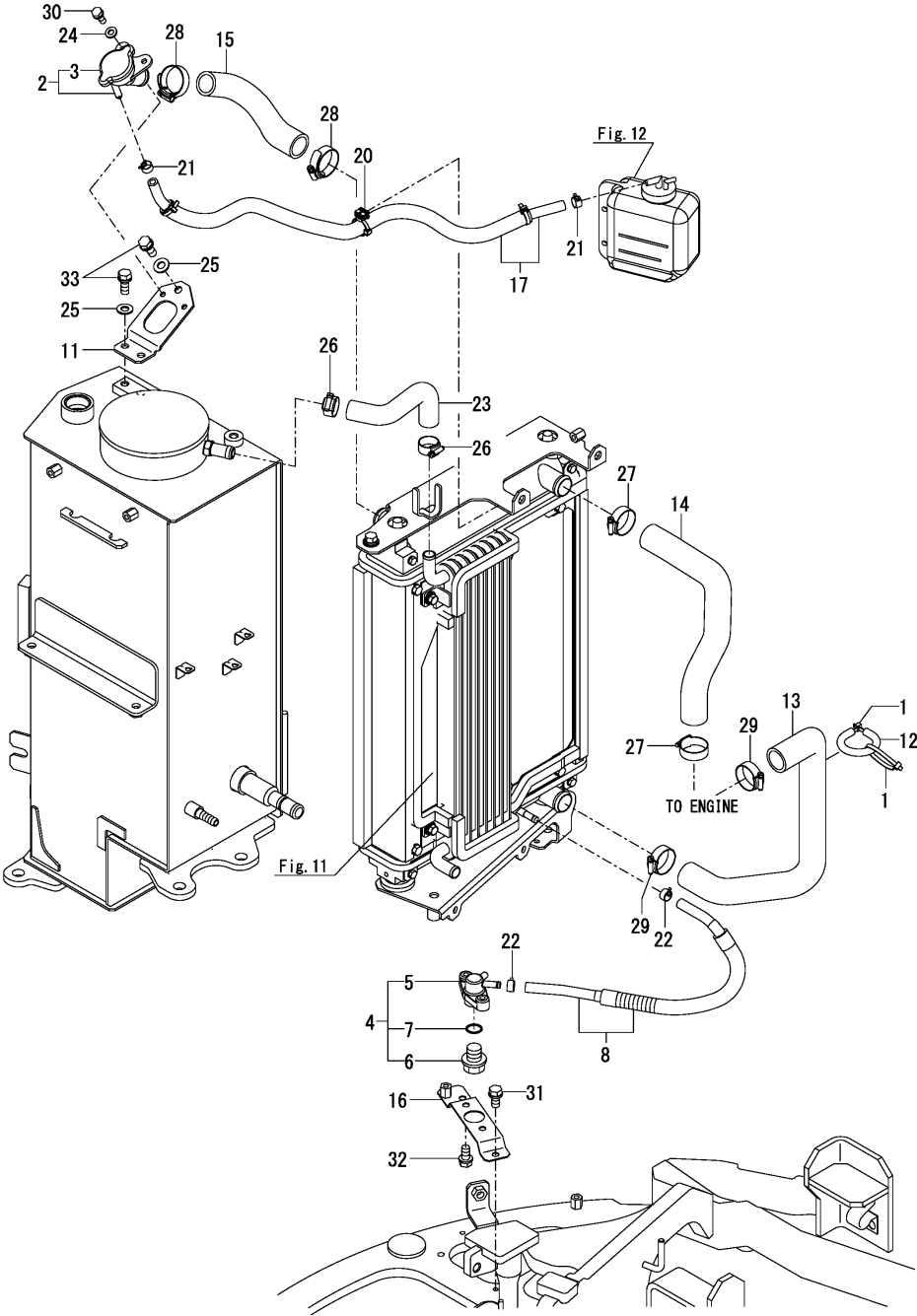
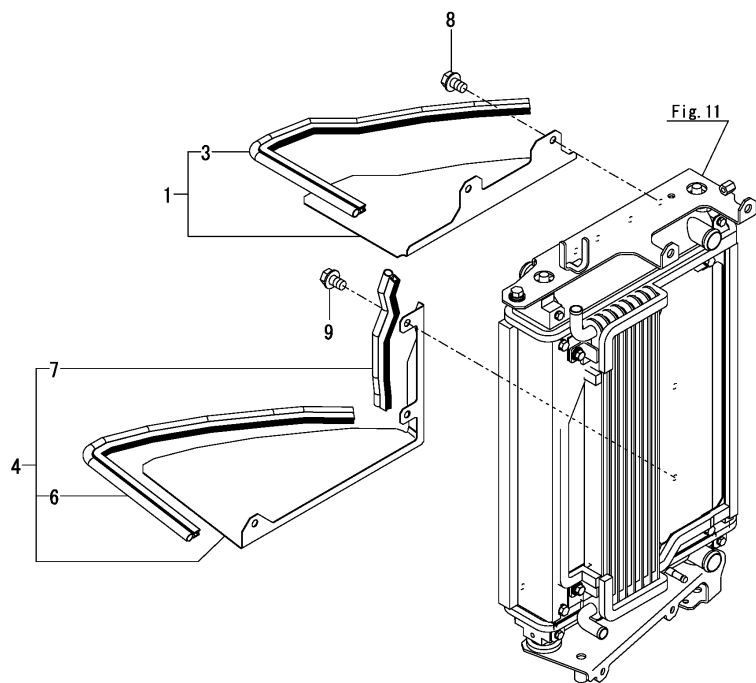


Fig.14. DUCT

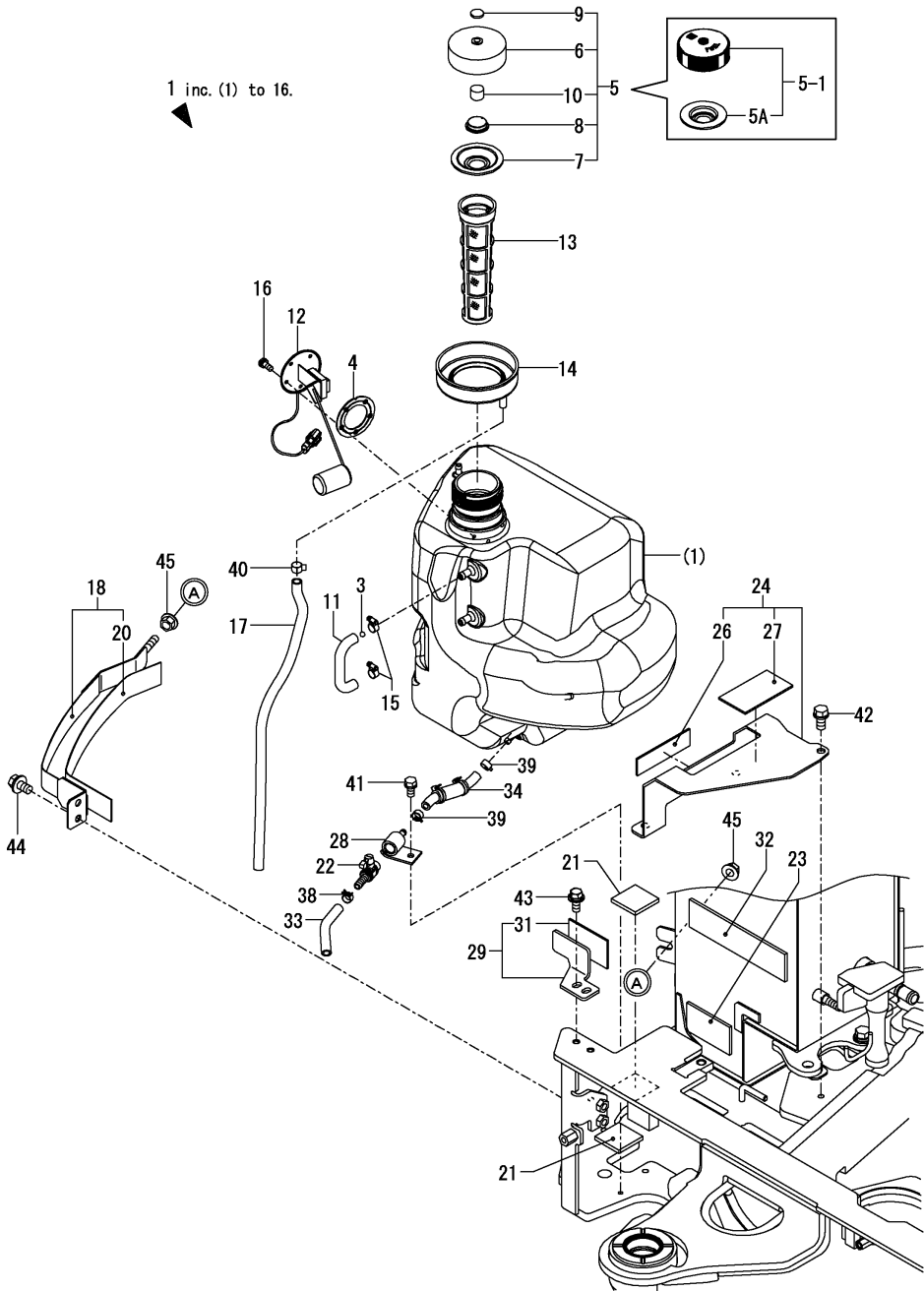


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B57-13600	DUCT ASSY,UP	1							
3	2	172B57-13620	SEAL,560	1							
4	1	172B57-13650	DUCT ASSY,LOW	1							
6	2	172A64-64940	SEAL, 560	1							
7	2	172B03-65650	SEAL, 220	1							
8	1	26106-080122	BOLT, M8X 12 PLATED	2							
9	1	26106-080122	BOLT, M8X 12 PLATED	3							

Fig.15. FUEL TANK

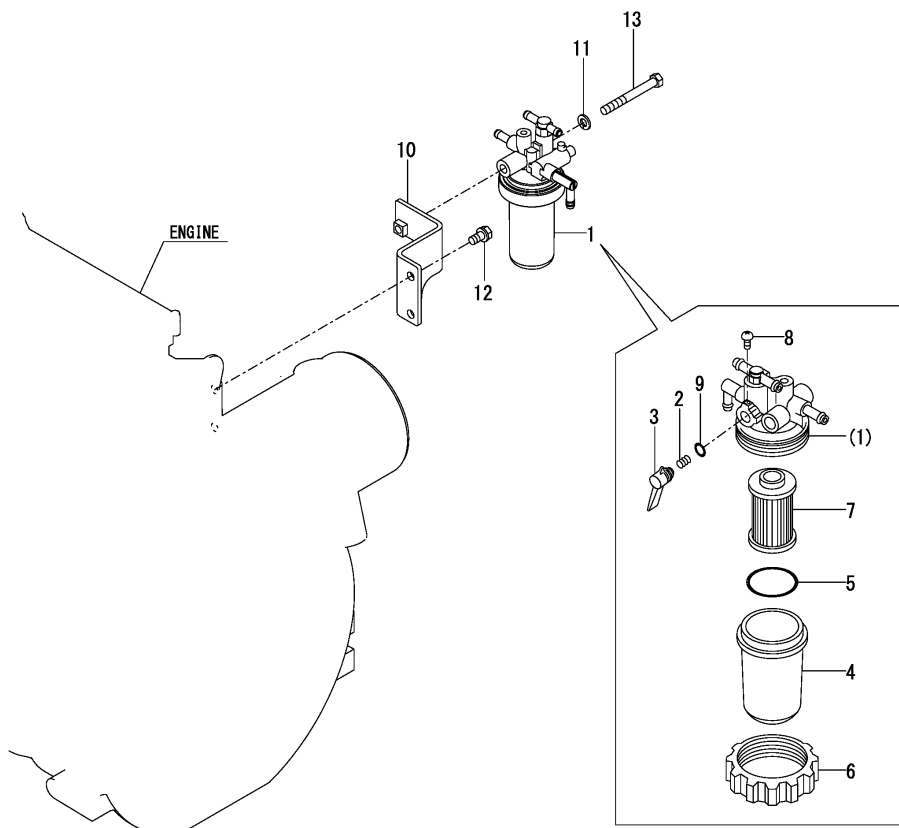
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(B)=
(C)=

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

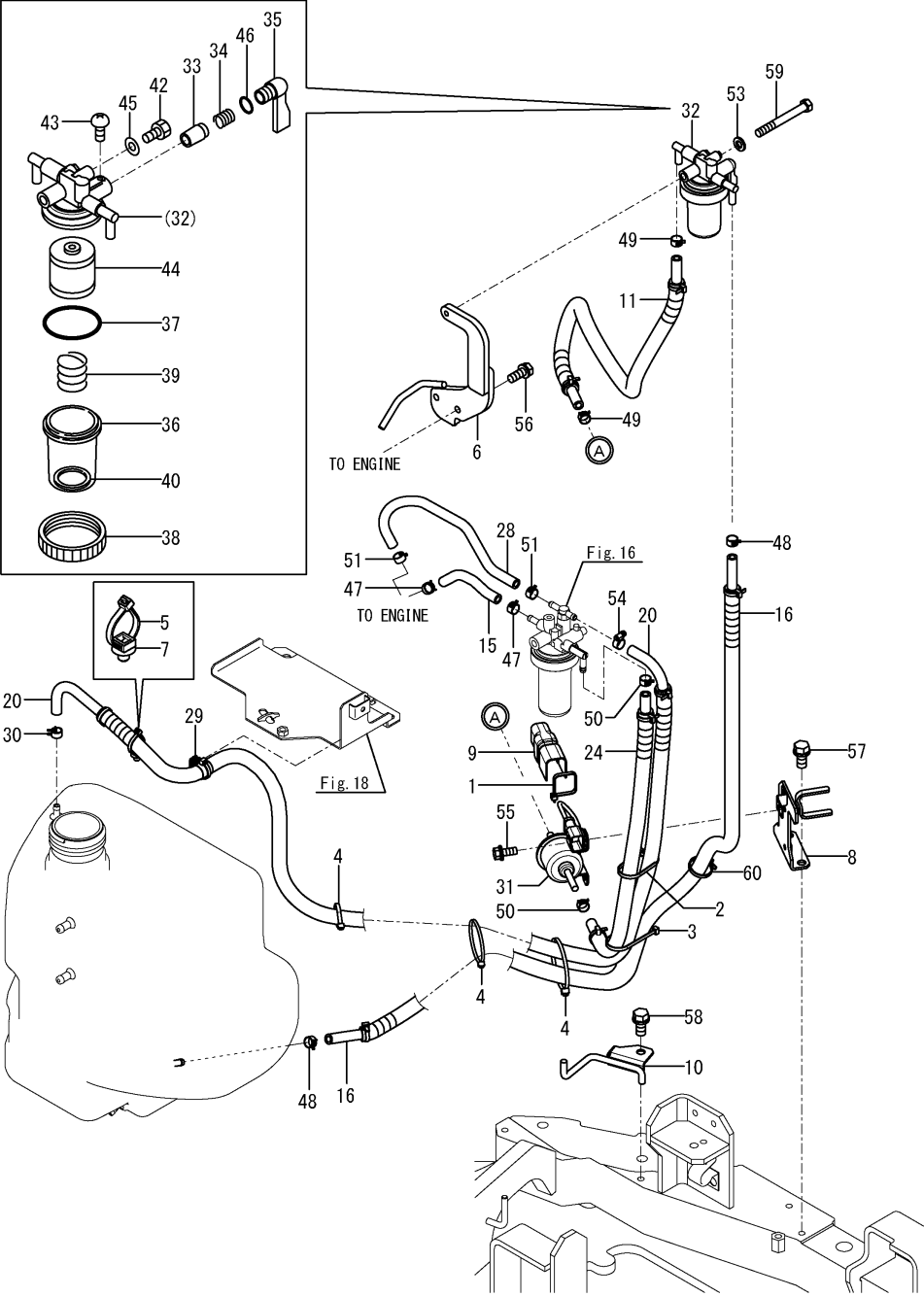


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-08390	TANK KIT,FUEL	1							
3	2	172447-14160	FLOAT, 7	1							
4	2	172162-14200	GASKET	1							
5	2	172444-14200	CAP, FUEL	1							
5-1	2	172B82-14230	CAP ASSY, FUEL EN	1							R
(A=M68325)											
5A	3	172B82-14050	PACKING, CAP FO	1							W
(A=M68325)											
6	3	172444-14450	CAP	1							Z
(A=M68325)											
7	3	172444-14460	PACKING, RUBBER	1							Z
(A=M68325)											
8	3	172444-14470	PACKING, RUBBER	1							Z
(A=M68325)											
9	3	172444-14480	WASHER	1							Z
(A=M68325)											
10	3	172444-14490	SPONGE	1							Z
(A=M68325)											
11	2	172458-14203	HOSE, FUEL GAUGE	1							
12	2	172B16-14221	GAUGE, FUEL	1							
13	2	172B03-14250	STRAINER, 200	1							
14	2	172458-14370	SUMP, FUEL	1							
15	2	23000-013000	CLAMP, 13	2							
16	2	26022-050122	SCREW, M5X12	5							
17	1	172B16-14080	HOSE, 470	1							
18	1	172B57-14150	CLAMP ASSY,FO	1							
20	2	172B57-14200	RUBBER,CLAMP	1							
21	1	172B57-14220	RUBBER,FO A	2							
22	1	172A69-14230	VALVE, FUEL DRAIN	1							
23	1	172B57-14230	RUBBER,FO B	1							
24	1	172B57-14250	PLATE ASSY,FO	1							
26	2	172447-14270	PLATE, RUBBER FO	1							
27	2	172B16-75470	RUBBER, PLATE	1							
28	1	172B03-14271	JOINT ASSY, DRAIN	1							
29	1	172B57-14301	SUPPORT ASSY,FO-T FR	1							
31	2	172B57-14320	RUBBER,FO D	1							
32	1	172458-14340	PLATE, RUBBER A	1							
33	1	172444-14410	HOSE, FUEL DRAIN	1							
34	1	172B57-14651	HOSE ASSY,120	1							
38	1	106990-44660	CLAMP, HOSE 12.5	1							
39	1	106990-44660	CLAMP, HOSE 12.5	2							
40	1	23080-013000	CLAMP, 13	1							
41	1	26013-080162	BOLT, M8X 16	1							
42	1	26013-100202	BOLT, M10X 20	3							
43	1	26014-080202	BOLT, M8X 20	2							
44	1	26014-100202	BOLT, M10X 20	2							
45	1	26367-100002	NUT, M10	2							

Fig.16. FUEL FILTER



No.	Lev.	Parts No.	Description	(A)=VIO20-6(KR)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	119740-55601	STRAINER ASSY, FUEL		1						
2	2	104200-55330	SPRING, FUEL VALVE		1						
3	2	119810-55340	LEVER, FUEL		1						
4	2	121254-55510	CUP, FUEL STARINER		1						
5	2	102103-55520	O-RING, FILTER		1						
6	2	110250-55610	RING, CUP RETAINING		1						
7	2	119810-55650	ELEMENT, FUEL FILTER		1						
8	2	104200-55750	SCREW, M4		1						
9	2	24311-240100	O-RING, 1AP10A		1						
10	1	119740-55651	BRACKET, FILTER		1						
11	1	22217-080000	WASHER, SPRING 8		1						
12	1	26013-080162	BOLT, M8X 16		2						
13	1	26116-080702	BOLT, M8X 70 PLATED		1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1							
2	1	172126-11510	BAND, BINDING 300	1							
3	1	172126-11510	BAND, BINDING 300	1							
4	1	172126-11510	BAND, BINDING 300	3							
5	1	172126-11510	BAND, BINDING 300	1							
6	1	172B57-12220	BRACKET ASSY,W/S	1							
7	1	172B04-13040	CLIP, TREE	1							
8	1	172B57-14350	BRACKET ASSY,FP	1							
9	1	172B57-14400	COVER,FP	1							
10	1	172B57-14420	GUIDE ASSY,HOSE	1							
11	1	172B57-14510	HOSE ASSY,FO 700	1							
15	1	172B57-14530	HOSE,FO 120	1							
16	1	172B57-14550	HOSE ASSY,FO 1400	1							
20	1	172B57-14610	HOSE ASSY,FO 2000	1							
24	1	172448-14670	HOSE ASSY, FUEL 400	1							
28	1	172B04-14840	HOSE, FO 320	1							
29	1	172B57-16980	CLIP,EDGE	1							
30	1	106990-44660	CLAMP, HOSE 12.5	1							
31	1	129612-52100	PUMP, FUEL FEED	1							
32	1	129335-55701	SEPARATOR ASSY,WATER	1							
33	2	104200-55321	VALVE, TAPER	1							
34	2	104200-55330	SPRING, FUEL VALVE	1							
35	2	104200-55341	HANDLE, COCK	1							
36	2	124064-55510	CUP, FUEL STARINER	1							
37	2	102103-55520	O-RING, FILTER	1							
38	2	110250-55610	RING, CUP RETAINING	1							
39	2	121257-55720	SPRING, ELEMENT	1							
40	2	121257-55731	FLOAT	1							
42	2	101720-55750	PLUG, HEXAGON M6	2							
43	2	104200-55750	SCREW, M4	1							
44	2	171081-55910	FILTER, FUEL 100M	1							
45	2	23418-060000	GASKET, 6X1.0	2							
46	2	24311-240100	O-RING, 1AP10A	1							
47	1	124766-59050	CLAMP, HOSE 11.5	2							
48	1	124766-59050	CLAMP, HOSE 11.5	2							
49	1	124766-59050	CLAMP, HOSE 11.5	2							
50	1	124766-59050	CLAMP, HOSE 11.5	2							
51	1	124766-59050	CLAMP, HOSE 11.5	2							
53	1	22217-080000	WASHER, SPRING 8	1							
54	1	23000-013000	CLAMP, 13	1							
55	1	26014-060162	BOLT, M6X 16	2							
56	1	26013-080202	BOLT, M8X 20	2							
57	1	26013-100202	BOLT, M10X 20	2							
58	1	26013-100202	BOLT, M10X 20	1							
59	1	26116-080702	BOLT, M8X 70 PLATED	1							
60	1	933168-55770	BAND, BINDING 146	1							

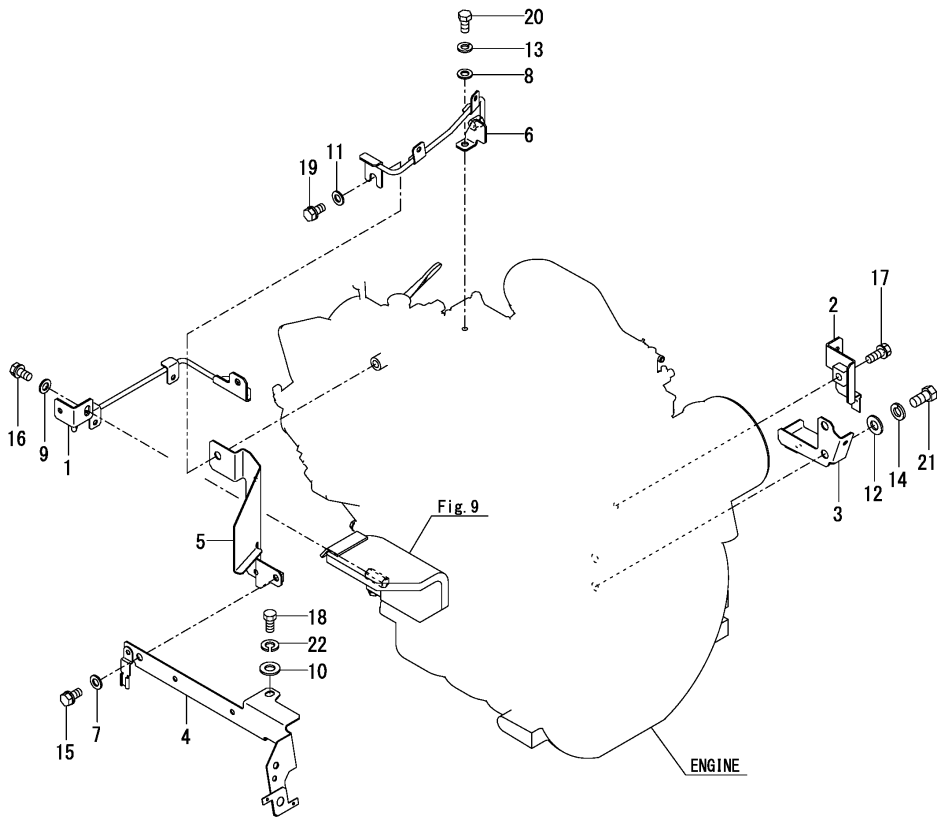
(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-14380	PLATE, RUBBER C	1							
2	1	172B57-16100	CABLE ASSY,BATTERY +	1							
3	2	172B04-16040	CLAMP,COT 13	1							
6	2	1E8775-84120	CLAMP, BAND B	3							
7	1	172458-16110	BATTERY	1							
7-1	1	172458-16111	BATTERY,65B24L	1							N
(A=M67849)											
8	1	172B57-16150	COVER,BATTERY	1							
9	1	172725-16160	ROD, BATTERY CLAMP	1							
10	1	172B57-16160	STAY,BATT COVER	1							
11	1	172B57-16300	PLATE ASSY,BATTERY	1							
13	2	172B57-16340	RUBBER,BATT	1							
14	1	172B57-16350	CLAMP ASSY,BATTERY	1							
14-1	1	172B57-16351	CLAMP ASSY,BATTERY	1							N
(A=M69200)											
15	1	172B57-16500	HARNESS ASSY,A	1							
16	2	1C6900-06190	FUSE, SLOW BLOW 60A	2							
17	2	172B04-16050	CLAMP,COT 15	2							
19	2	1A7000-52820	FUSE, SLOW BLOW 60A	1							
20	2	1A7000-52820	FUSE, SLOW BLOW 60A	1							
21	2	1E8775-84120	CLAMP, BAND B	15							
22	2	1E8915-84120	CLAMP, BAND C	7							
23	2	1E8450-84900	DIODE, 1.5AX2	1							
24	2	1E8235-84910	DIODE, 090 31	2							
25	1	172B16-17190	RELAY, CB TYPE C	1							
26	1	172B57-17600	STAY ASSY,SB-FUSE	1							
27	1	172B04-17790	CLIP, CONNECTOR	1							
28	1	1E8775-84120	CLAMP, BAND B	1							
29	1	1E8775-84120	CLAMP, BAND B	1							
30	1	1E8915-84120	CLAMP, BAND C	1							
31	1	22137-050000	WASHER, 5	1							
32	1	22137-080000	WASHER, 8	1							
33	1	22137-080000	WASHER, 8	1							
34	1	22137-100000	WASHER, 10	2							
35	1	22157-060000	WASHER, 6	2							
36	1	22217-050000	WASHER, SPRING 5	1							
37	1	22217-060000	WASHER, SPRING 6	1							
38	1	22217-080000	WASHER, SPRING 8	1							
39	1	26013-080162	BOLT, M8X 16	1							
40	1	26013-080162	BOLT, M8X 16	2							
41	1	26013-080162	BOLT, M8X 16	1							
42	1	26013-100162	BOLT, M10X 16	2							
43	1	26013-100202	BOLT, M10X 20	2							
44	1	26014-060162	BOLT, M6X 16	2							
45	1	26116-050102	BOLT, M5X 10 PLATED	1							
46	1	26716-060002	NUT, M6	1							
47	1	26716-060002	NUT, M6	2							
48	1	26716-080002	NUT, M8	1							
49	1	933171-15801	CORD, ENGINE EARTH	1							

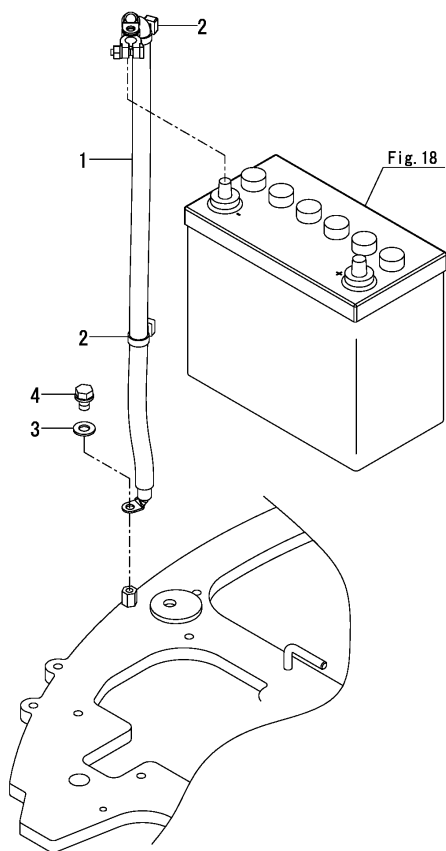
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-16010	GUIDE ASSY, B	1							
2	1	172B57-16061	STAY ASSY, HARNESS A	1							
3	1	172B57-16080	BRACKET ASSY, E	1							
4	1	172B57-16400	BRACKET ASSY, F	1							
5	1	172B57-16420	BRACKET ASSY, D	1							
6	1	172B57-16440	GUIDE ASSY, A	1							
7	1	22117-080000	WASHER, 8	1							
8	1	22117-080000	WASHER, 8	1							
9	1	22117-080000	WASHER, 8	2							
10	1	22137-100000	WASHER, 10	1							
11	1	22137-100000	WASHER, 10	1							
12	1	22137-100000	WASHER, 10	2							
13	1	22217-080000	WASHER, SPRING 8	1							
14	1	22217-100000	WASHER, SPRING 10	2							
15	1	26013-080162	BOLT, M8X 16	1							
16	1	26013-080162	BOLT, M8X 16	2							
17	1	26013-080252	BOLT, M8X 25	1							
18	1	26116-100162	BOLT, M10X 16 PLATED	1							
19	1	26013-100202	BOLT, M10X 20	1							
20	1	26116-080162	BOLT, M8X 16 PLATED	1							
21	1	26116-100202	BOLT, M10X 20 PLATED	2							
22	1	22217-100000	WASHER, SPRING 10	1							

Fig.20. BATTERY(MINUS CABLE)



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B57-16200	CABLE, BATT MINUS	1					
2	1	172B57-16990	BAND,CABLE	2					
3	1	22137-080000	WASHER, 8	1					
4	1	26013-080122	BOLT. M8X 12	1					

Fig.21. LOW-HIGH SWITCH

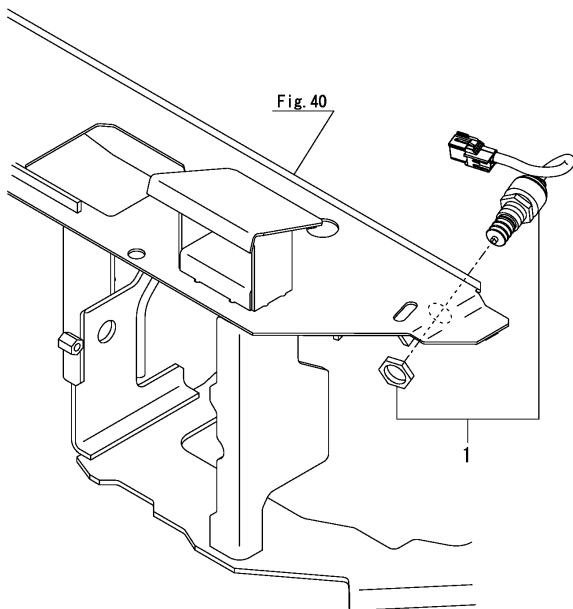
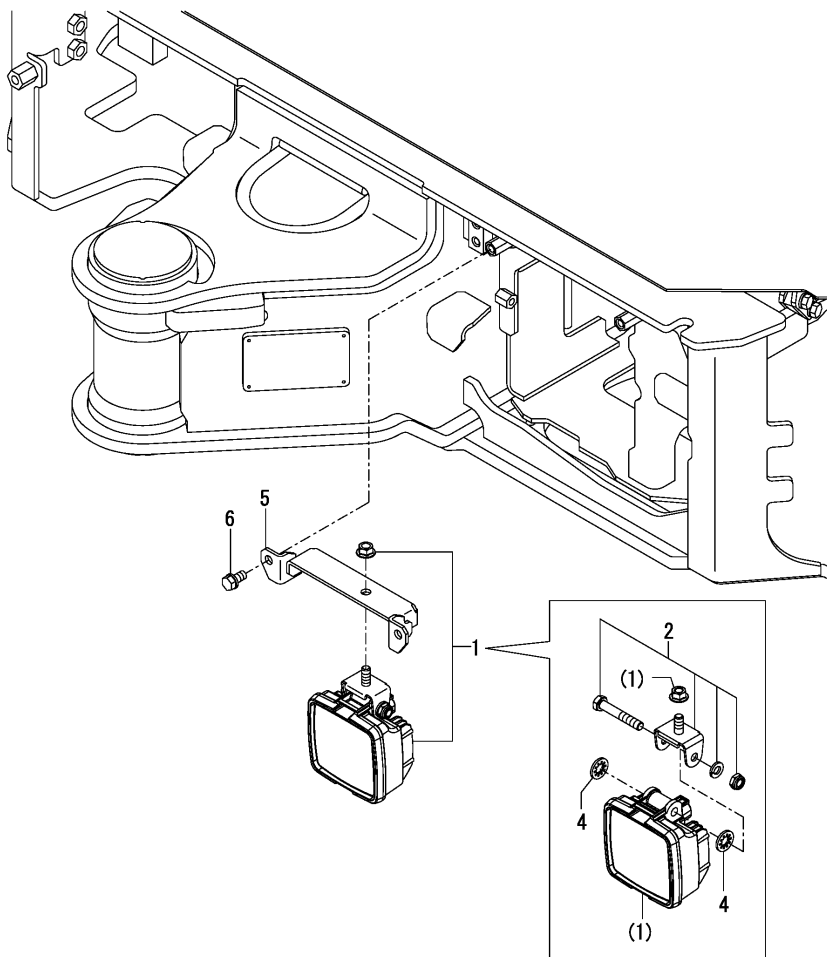
[illegible]

Fig.22. FRONT LAMP



No.	Lev.	Parts No.	Description	(A)=VIO20-6(KR)		(D)=		(E)=		I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-17351	LAMP ASSY,WORK LED	1							
2	2	172B57-17360	BRACKET,LED LAMP	1							
4	2	172B57-17370	SPACER,LED LAMP	2							
5	1	172B57-17400	STAY ASSY,LED	1							
6	1	26013-080162	BOLT, M8X 16	2							

Fig.23. WORK LAMP

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-16580	HARNESS ASSY,BOOMLED	1							
1-1	1	172B57-81671-1	BRACKET ASSY,LAMP L	1							S
(A=M64455)											
2	2	172137-16560	BAND, BINDING W	1							
4	2	1E8915-84120	CLAMP, BAND C	1							
5	2	1E8490-84130	CLAMP, BAND	1							
6	1	172B57-17351	LAMP ASSY,WORK LED	1							
7	2	172B57-17360	BRACKET,LED LAMP	1							
9	2	172B57-17370	SPACER,LED LAMP	2							
10	1	172B57-81671	BRACKET ASSY,LAMP L	1							
10-1	1	172B57-81671-1	BRACKET ASSY,LAMP L	1							S
(A=M64450)											
11	1	26014-080202	BOLT, M8X 20	2							

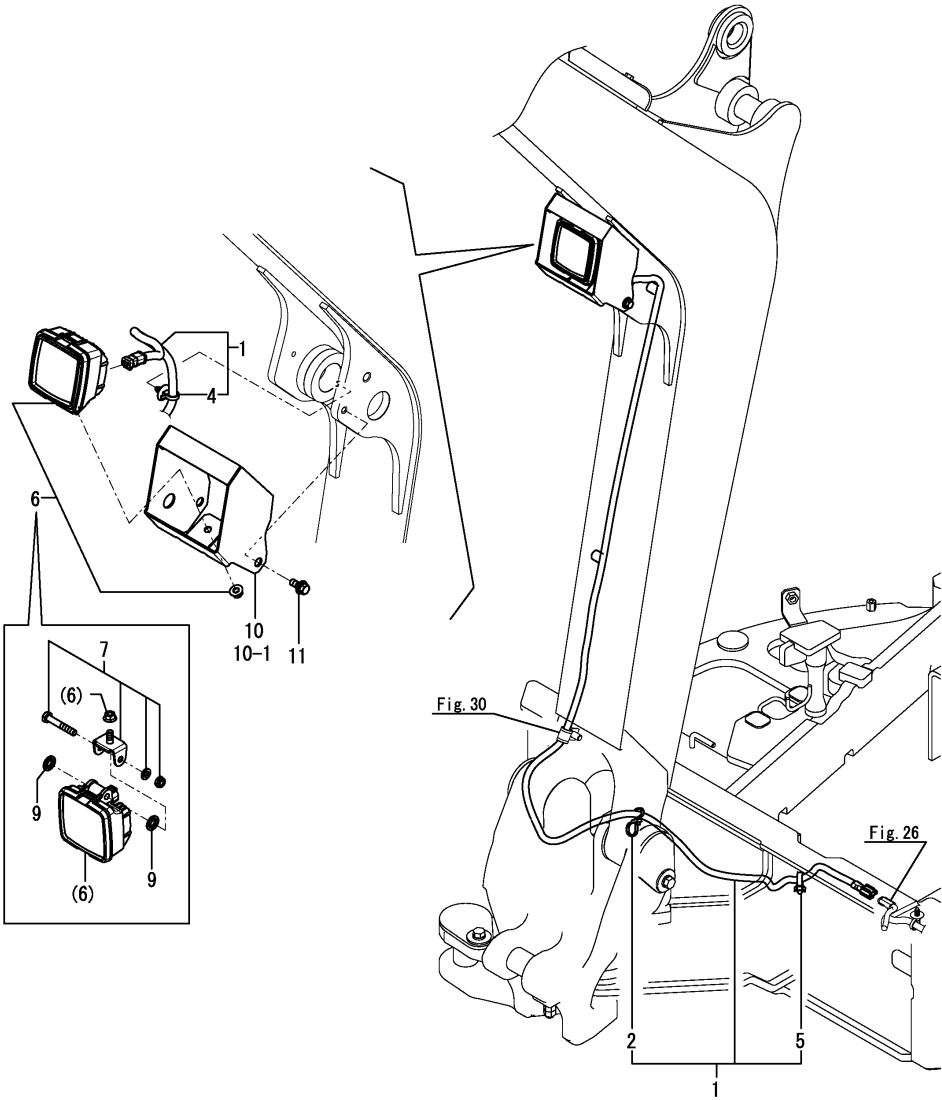
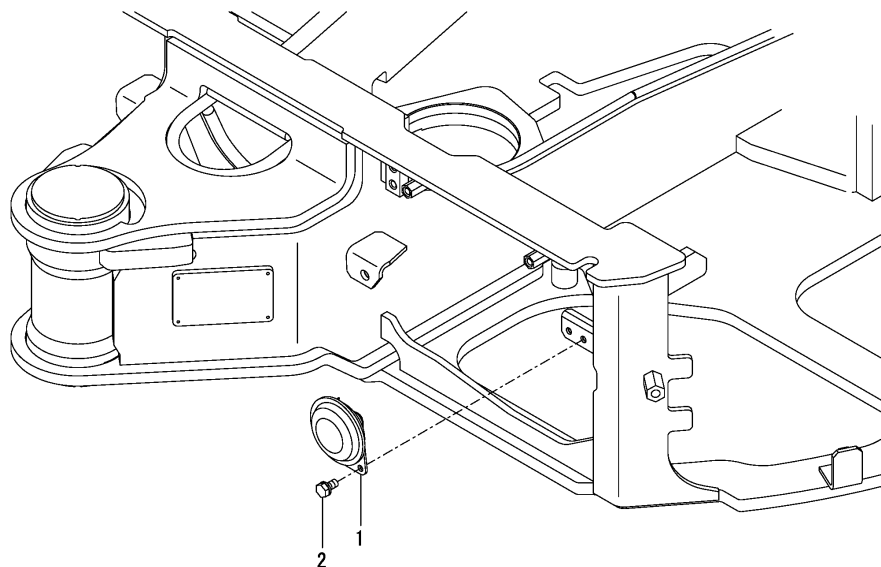


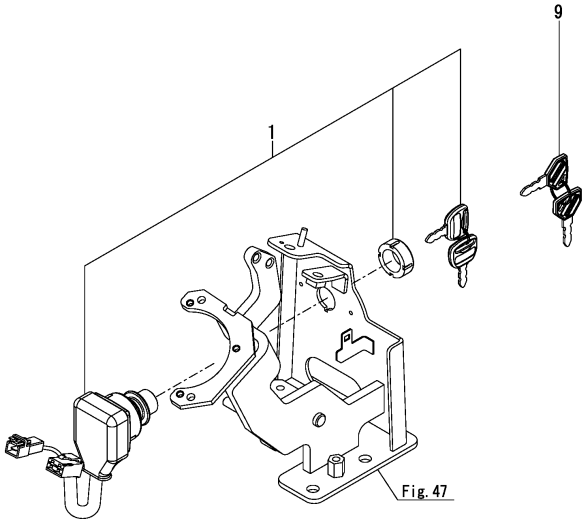
Fig.24. HORN

[illegible]

(A)=VIO20-6(KR)
(B)=
(C)=

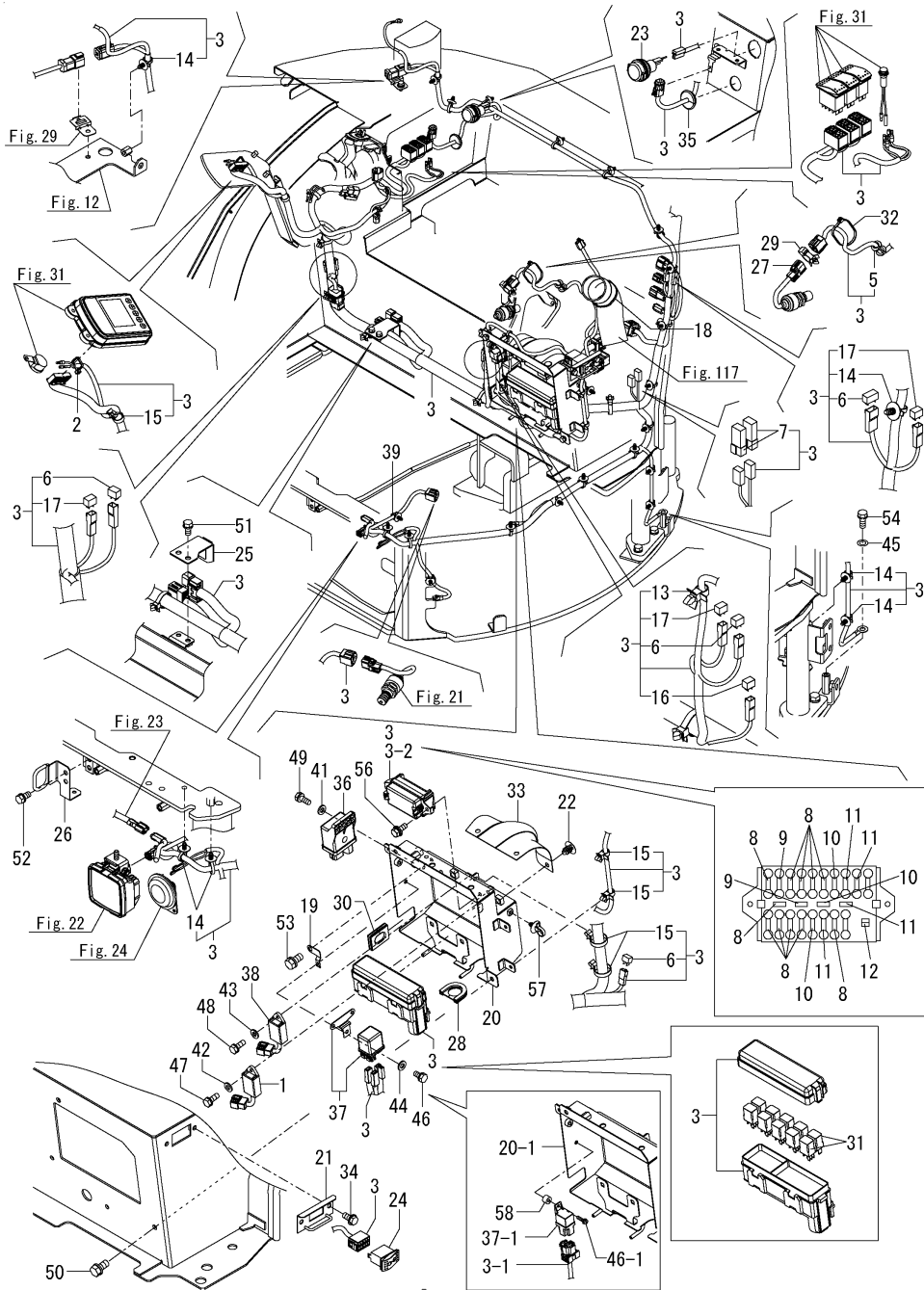
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A7180-52111	SWITCH ASSY, STARTER	1							1
9	1	198360-52160	KEY ASSY, SPARE	1							2

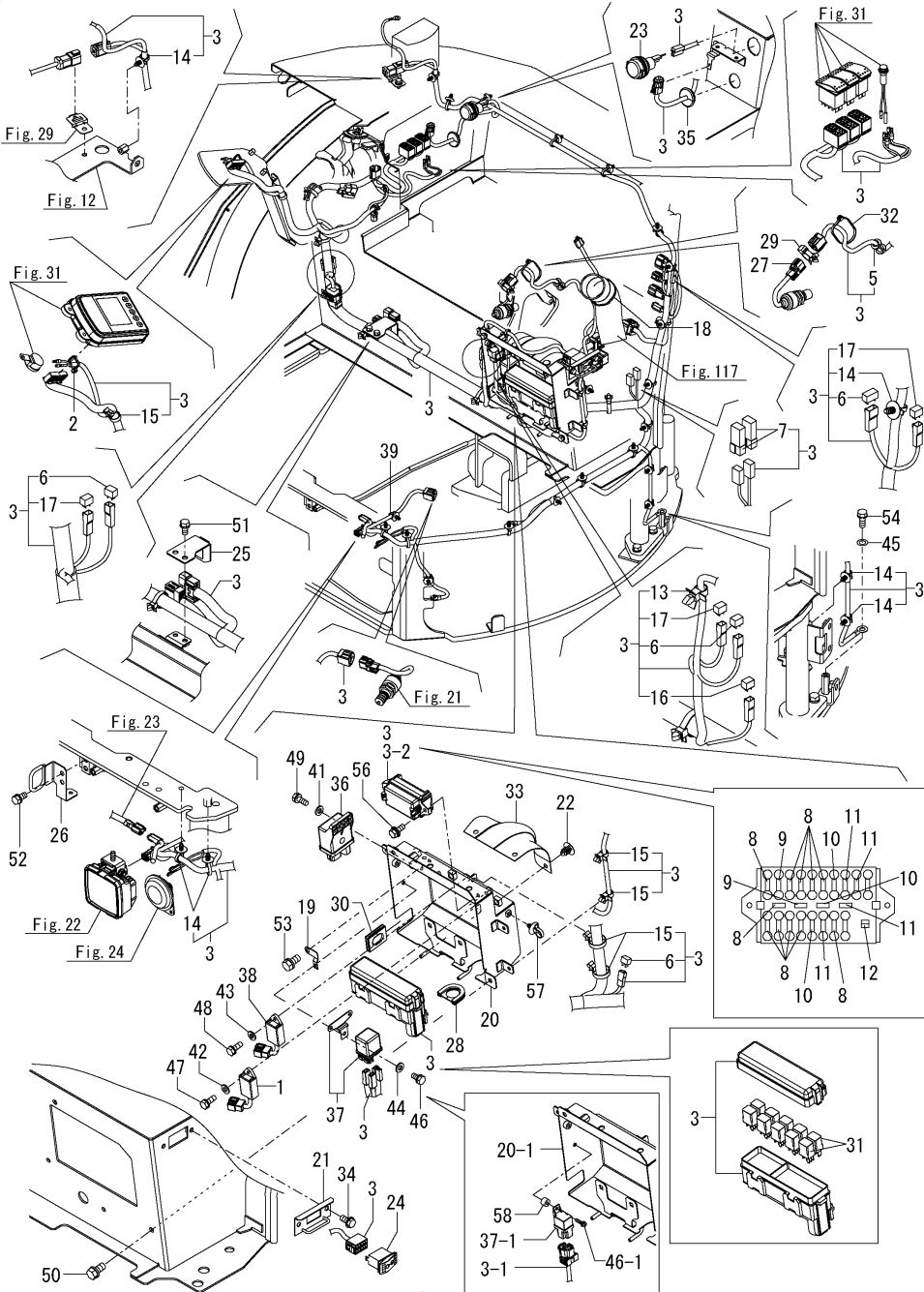


Remarks
(1) Engine start only.
(2) For bonnet, door.

Fig.26. SEAT MOUNT



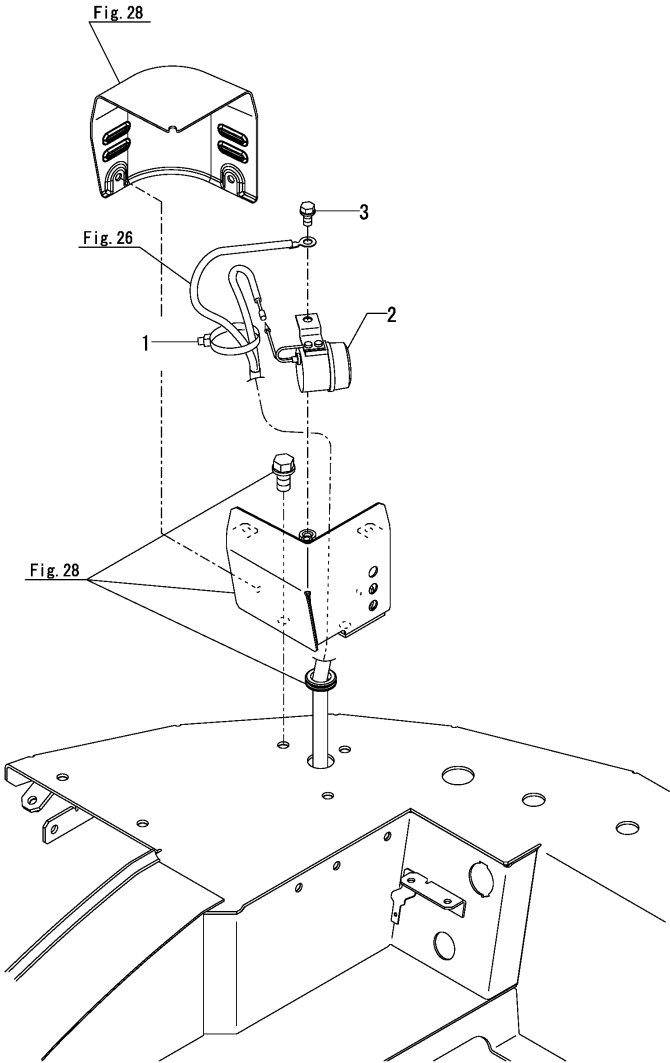
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1E8665-05100	TIMER, 3SEC	1							
2	1	172126-11510	BAND, BINDING 300	1							
3	1	172B57-16520	HARNESS ASSY,B JP	1							
3-1	1	172B57-16521 (A=M67473)	HARNESS ASSY,B JP	1							S
3-2	1	172B57-16620	HARNESS ASSY,B EX2	1							S
5	2	172B11-16560	PROTECTOR,10	1							
6	2	1A7500-51140	DIODE, 1.5AX2	4							
7	2	1A6382-51510	RESISTANCE, 2W R120	2							
8	2	1E8665-83150	FUSE, MINI 5A	11							
9	2	1E8665-83160	FUSE, MINI 10A	2							
10	2	1E8665-83170	FUSE, MINI 15A	3							
11	2	1E8665-83180	FUSE, MINI 20A	4							
12	2	1E9570-83900	PULLER, MINI FUSE	1							
13	2	1E8775-84120	CLAMP, BAND B	2							
14	2	1E8915-84120	CLAMP, BAND C	24							
15	2	1E8490-84130	CLAMP, BAND	11							
16	2	1E8450-84900	DIODE, 1.5AX2	1							
17	2	1E8235-84910	DIODE, 090 31	3							
18	1	172137-16560	BAND, BINDING W	1							
19	1	172A69-16700	BRACKET, SWP 2P-M	1							
20	1	172B57-17000	BOX ASSY,ELECTRIC	1							
20-1	1	172B57-17001	BOX ASSY,ELECTRIC	1							S
21	1	172A89-17180	PLATE ASSY, SWITCH	1							
22	1	172122-17190	CLIP, TREE	4							
23	1	172A64-17250	SOCKET ASSY	1							
24	1	172A69-17260	SWITCH, ENGINE STOP	1							
25	1	172B57-17550	STAY ASSY,HNS JOINT	1							
26	1	172B57-17970	GUIDE ASSY,W-HNS FL	1							
27	1	1D4103-18301	SWITCH, PUSH	1							
28	1	198155-51290	GROMMET, D25	1							
29	1	194680-51670	BAND, CLIP	1							
30	1	1A7880-51710	GROMMET, HARNESS	1							
31	1	1A7522-52950	RELAY, ACM13221M19	10							
32	1	194202-56460	BAND, BINDING 200	1							
33	1	172B57-62600	COVER,FUSE	1							
34	1	172519-63240	BOLT, M8X16	2							
35	1	1A7410-87900	GROMMET, 16	1							
36	1	119802-77200	RELAY, SAFETY	1							
37	1	119650-77911	RELAY ASSY, GLOW	1							
37-1	1	172B16-17190	RELAY, CB TYPE C	1							S
38	1	129211-77920	TIMER, SECTION 1	1							
39	1	1E8915-84120	CLAMP, BAND C	1							
41	1	22137-060000	WASHER, 6	1							Z
42	1	22137-060000	WASHER, 6	1							Z
43	1	22137-060000	WASHER, 6	1							Z



No.	Lev.	Parts No.	Description	(A)=VIO20-6(KR) (B)= (C)=						(D)= (E)= (F)=						I	R
				(A)	(B)	(C)	(D)	(E)	(F)								
44	(A=*2025.06.) 1	22137-060000	WASHER, 6	2												Z	
(A=M67473)																	
45	1	22137-080000	WASHER, 8	1													
46	1	26013-060122	BOLT, M6X 12	2													
46-1	1	26023-050202	SCREW, M5X20	1												S	
(A=M67473)																	
46-2	1	172B03-17290	BOLT, PW SW 5X20	1												R	
(A=M68621)																	
47	1	26013-060162	BOLT, M6X 16	1													
47-1	1	26014-060162	BOLT, M6X 16	1												R	
(A=*2025.06.)																	
48	1	26013-060162	BOLT, M6X 16	1													
48-1	1	26014-060162	BOLT, M6X 16	1												R	
(A=*2025.06.)																	
49	1	26013-060162	BOLT, M6X 16	1													
49-1	1	26014-060162	BOLT, M6X 16	1												R	
(A=*2025.06.)																	
50	1	26013-080162	BOLT, M8X 16	2													
51	1	26013-080162	BOLT, M8X 16	2													
52	1	26014-080162	BOLT, M8X 16	2													
53	1	26013-080162	BOLT, M8X 16	1													
54	1	26013-080162	BOLT, M8X 16	1													
56	1	26014-060162	BOLT, M6X 16	2													
57	1	172B02-68810	CLIP, TREE 6	1													
58	1	172A64-17640	COLLAR,5.8X13.8X10	1												W	
(A=M67473)																	

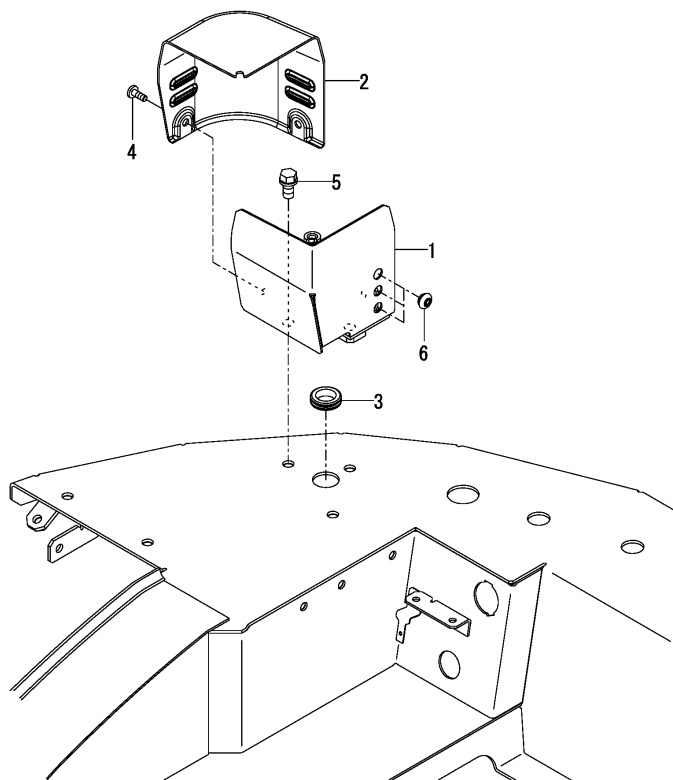
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1							
2	1	172511-17351	BUZZER, BACK	1							
3	1	26013-080162	BOLT, M8X 16	1							

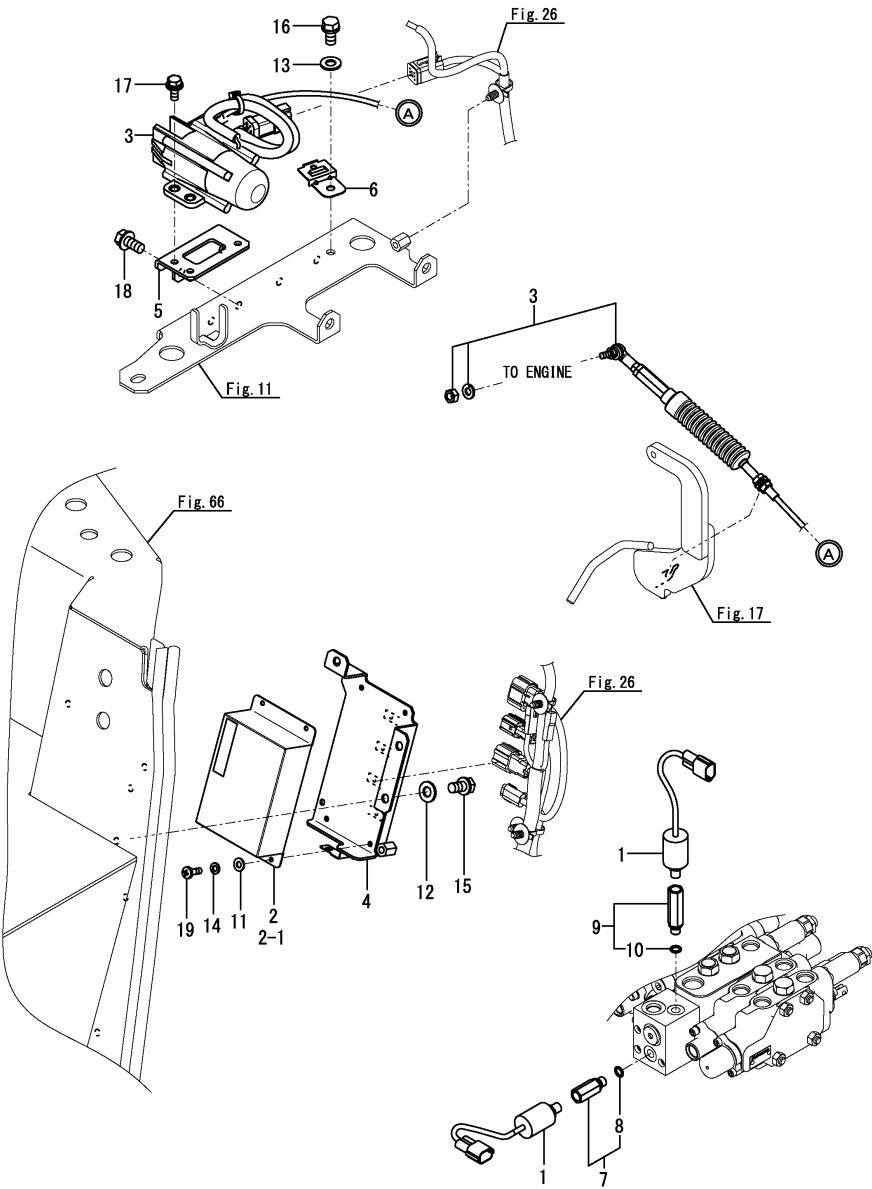
Fig.28. TRAVEL ALARM COVER



No.	Lev.	Parts No.	Description	(A)=VIO20-6(KR)	(D)=	Q'ty	(C)	(D)	(E)	(F)	I	R
				(B)=	(E)=							
				(C)=								
1	1	172B57-17100	COVER ASSY,BUZZER			1						
2	1	172B16-17161	COVER, BUZZER			1						
3	1	172B16-17170	GROMMET, 20X30X3			1						
4	1	172137-46210	SCREW, BIND			3						
5	1	26013-100252	BOLT, M10X 25			2						
6	1	172732-65180	GROMMET			3						

(A)=VIO20-6(KR)
(B)=
(C)=

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



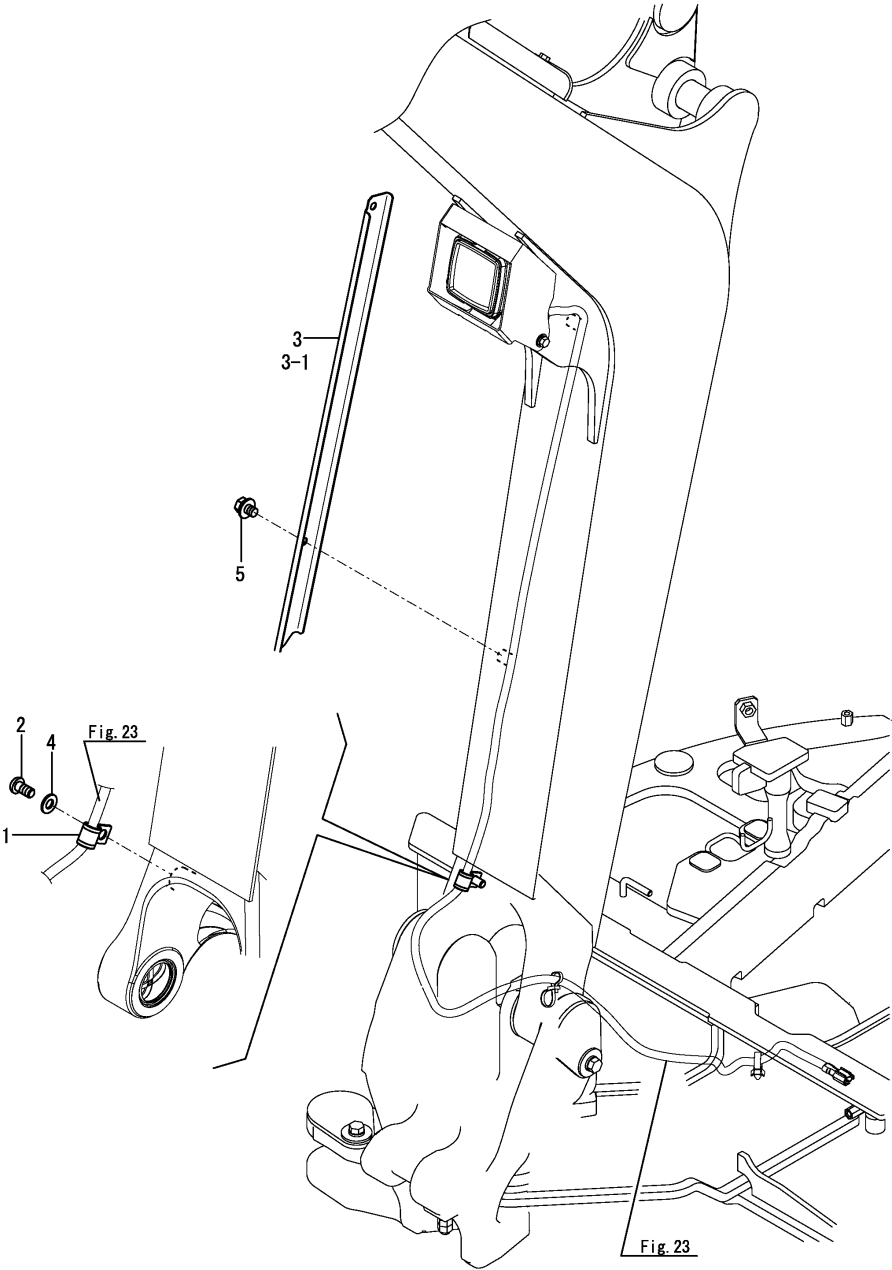
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-17202	SWITCH, PRESSURE	2							
2	1	172B16-17501	CONTROL-UNIT,AD	1							1
2-1	1	172B16-17502	CONTROL-UNIT,AD	1						S	1
(A=M64743)											
3	1	172B16-17601	ACTUATOR,AD	1							
4	1	172B57-17700	BRACKET ASSY,AD CTRL	1							
5	1	172B57-17780	BRACKET ASSY,AD ACT	1							
6	1	1A7347-51200	CLIP, METAL DTM	1							
7	1	172A47-76111	CONNECTOR, G1/8XR1/8	1							
8	2	24315-000080	O-RING, 1BP8.0	1							
9	1	172A79-76110	CONNECTOR, G1/8XR1/8	1							
10	2	24315-000080	O-RING, 1BP8.0	1							
11	1	22137-040000	WASHER, 4	4							
12	1	22137-080000	WASHER, 8	3							
13	1	22137-080000	WASHER, 8	1							
14	1	22217-040000	WASHER, SPRING 4	4							
15	1	26013-080162	BOLT, M8X 16	3							
16	1	26013-080162	BOLT, M8X 16	1							
17	1	26014-060202	BOLT, M6X 20	3							
18	1	26106-080162	BOLT, M8X 16 PLATED	2							
19	1	26587-040122	SCREW, M4X12	4							

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

(A)=VIO20-6(KR)
(B)=
(C)=

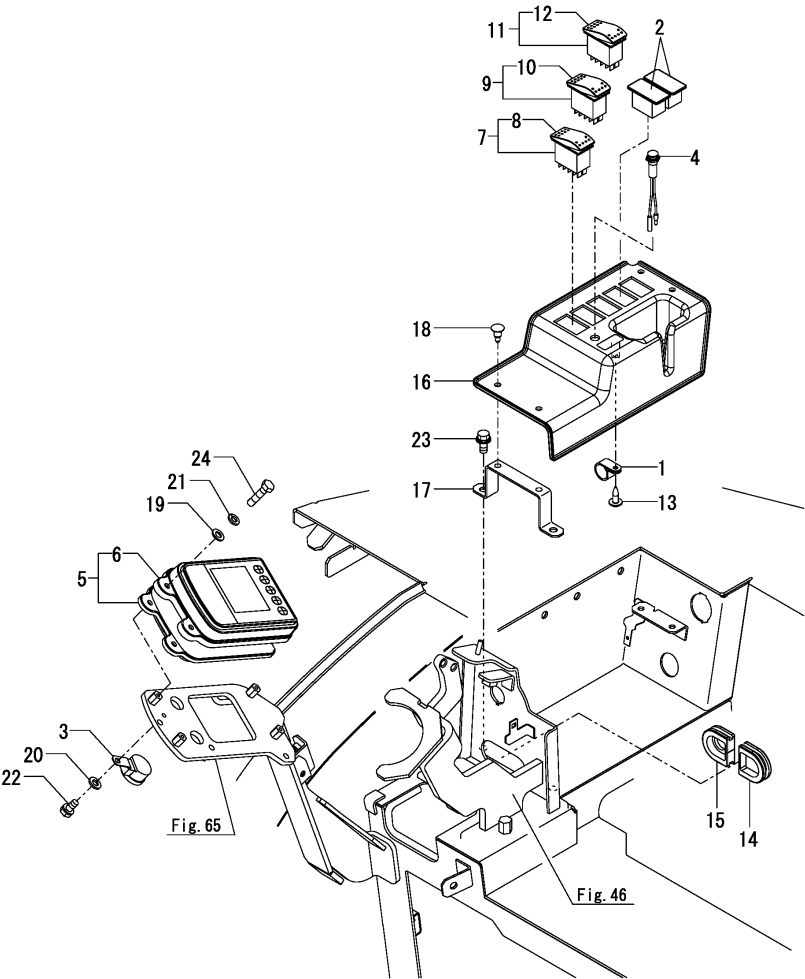
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-16130	CLAMP, WRC15-11	1							
2	1	172455-61720	BOLT, BUTTON	1							
3	1	172B57-81490	COVER,HARNESS	1							
3-1	1	172B57-81490-1	COVER,HARNESS	1							S
		(A=M64455)									
4	1	22117-100000	WASHER, 10	1							
5	1	26014-080122	BOLT, M8X 12	2							



(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172446-16550	CLAMP, NYLON 17.8	1							
2	1	172538-17100	PLUG, PANEL	2							
3	1	172141-17150	BUZZER	1							
4	1	172A65-17150	LAMP, PILOT	1							
5	1	172B03-17259	MONITOR ASSY	1							
5-1	1	172B03-15000	MONITOR ASSY	1							N
(A=M65815)											
5-2	1	172B03-15001	MONITOR ASSY	1							N
(A=M68423)											
6	2	172B03-17261	MONITOR ASSY, UPPER	1							
6-1	2	172B03-17262	MONITOR ASSY,UPPER	1							N
(A=M65815)											
7	1	172B57-17300	SWITCH,LIGHT	1							
8	2	172B57-17310	COVER,SWITCH LIGHT	1							
9	1	172B03-17310	SWITCH, ECO	1							
10	2	172B03-17360	COVER, SWITCH ECO	1							
11	1	172B03-17320	SWITCH, AUTO DECEL	1							
12	2	172B03-17370	COVER, SWITCH	1							
13	1	194940-61790	SCREW, TAPPING M5X16	1							
14	1	172165-62830	GROMMET	1							
15	1	172491-62830	GROMMET	1							
16	1	172B57-63710	COVER, SWITCH	1							
17	1	172B57-64500	STAY, COVER SW	1							
18	1	1A8060-84280	RIVET, PUSH	4							
19	1	22137-050000	WASHER, 5	4							Z
(A=M67392)											
20	1	22137-060000	WASHER, 6	1							
21	1	22217-050000	WASHER, SPRING 5	4							Z
(A=M67392)											
22	1	26013-060122	BOLT, M6X 12	1							
23	1	26014-080162	BOLT, M8X 16	2							
24	1	26116-050202	BOLT, M5X 20 PLATED	4							
24-1	1	172B03-17290	BOLT, PW SW 5X20	4							N
(A=M67392)											

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-17680	GUIDE ASSY, P-HOSE	1							
2	1	26014-080202	BOLT, M8X 20	3							

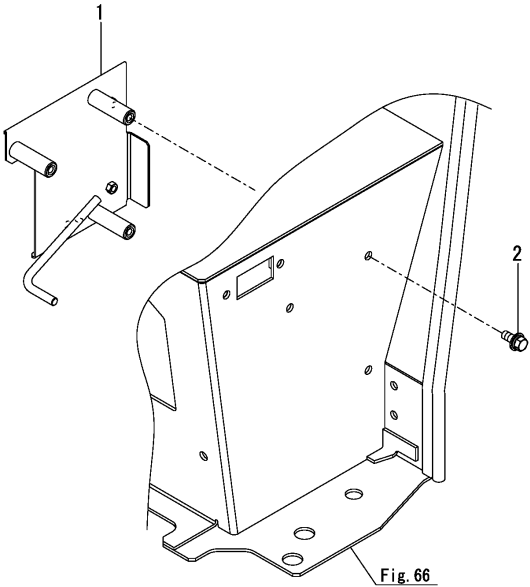


Fig.33. QUICK COUPLER(SWITCH BOX)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17411	BOX, SWITCH EX D	1							
2	2	172472-03290	LABEL, SWITCH	1							
3	2	172472-03300	LABEL, COVER	1							
7	3	172958-17140	SWITCH ASSY	1							
8	3	172958-17150	SWITCH ASSY, CONTROL	1							
9	3	172958-17160	LAMP, INDICATOR	1							
10	3	172958-17170	SCREW, TAPPING	6							
11	3	172958-17180	SCREW, TAPPING	2							
12	3	172958-17190	PACKING	1							
13	3	172958-17200	BRACKET	1							
14	3	172958-17220	CORD, CP 4P	1							
15	3	172958-17230	CASE, UPPER	1							
16	3	22351-030028	PIN, SPRING 3.0X28	1							
17	1	172137-46210	SCREW, BIND	3							
18	1	172187-64900	PLUG	1							
19	1	172B57-17900	STAY ASSY, S/W BOX	1							
20	1	172487-63500	BOLT, 8X20	2							
21	1	22137-080000	WASHER, 8	2							

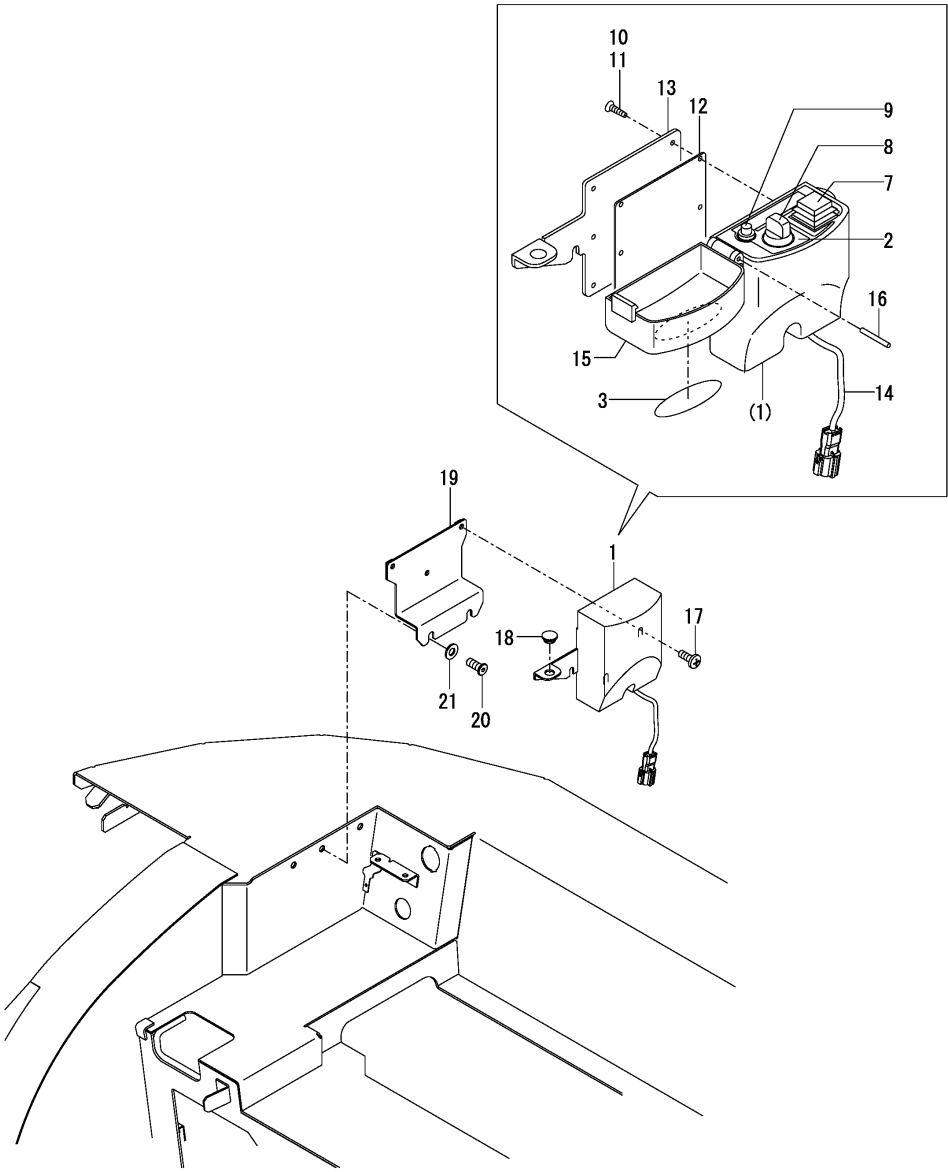
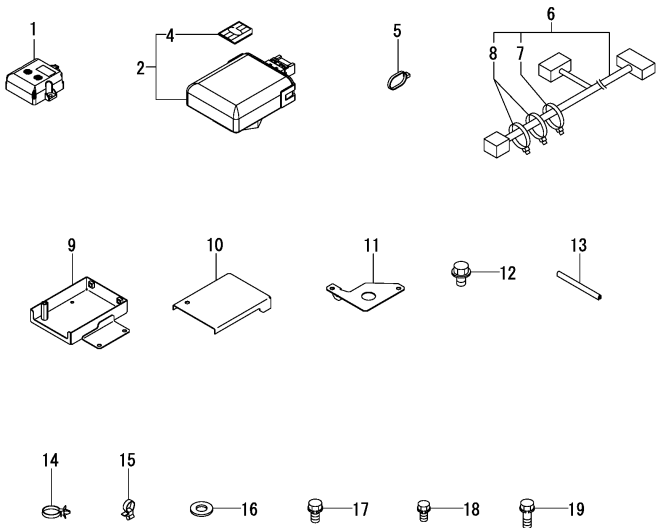


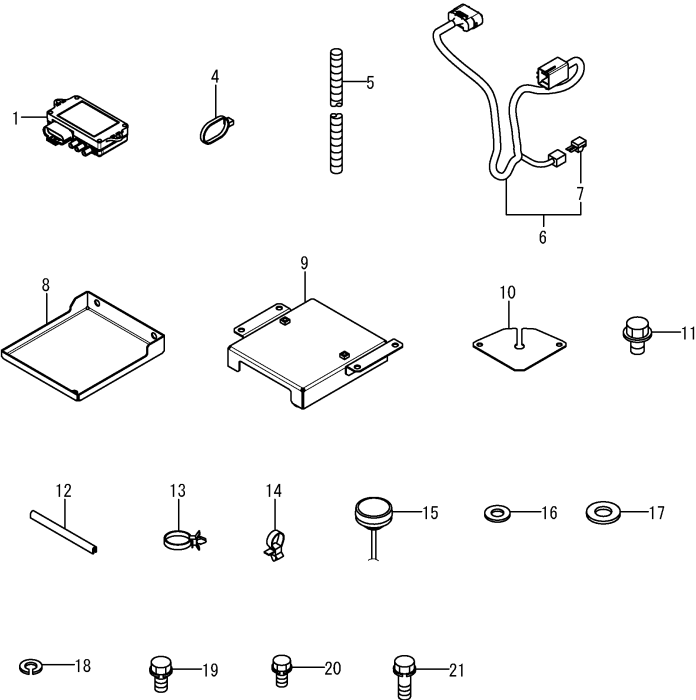
Fig.34. GPS



Remarks
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.

0CK50-M02280 Fig.34											
				(A)=VIO20-6(KR)	(D)=						
				(B)=	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1RF001-00224	CONTROLLER,SA-R BATT	1							1
2	1	1RF001-00312	CONTROLLER,SA-R 3G	1							
4	2	1RF001-93410	MICROSIM,DOCOMO	1							
5	1	172126-11510	BAND, BINDING 300	8							
6	1	172B57-16670	HARNESS ASSY,REMOT2G	1							
7	2	1E8775-84120	CLAMP, BAND B	1							
8	2	1E8490-84130	CLAMP, BAND	2							
9	1	172B57-17140	BRACKET ASSY, GPS	1							
10	1	172B57-17870	COVER,GPS	1							
11	1	172B16-17890	BRACKET, ANTENA	1							
12	1	172162-68370	BOLT, M8X12	3							
13	1	172533-68500	SEAL, 105	2							
14	1	1E8775-84120	CLAMP, BAND B	1							
15	1	1E8490-84130	CLAMP, BAND	2							
16	1	22137-080000	WASHER, 8	4							
17	1	26013-060122	BOLT, M6X 12	2							
18	1	26013-080162	BOLT, M8X 16	4							
19	1	26014-060162	BOLT, M6X 16	2							

Fig.135. (34B)GPS(3.0G)



(A)=VIO20-6(KR)
(B)=
(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	1						N	1
(A=M65698)											
1-2	1	1RF001-00650	CONTROLLER,SA-R3IBKR	1						N	1
(A=M65699)											
1-3	1	1RF001-00651	CONTROLLER,SA-R3IBKR	1						N	1
(A=M66242)											
1-4	1	1RF001-00652	CONTROLLER,SA-R3IBKR	1						N	1
(A=M67227)											
1-5	1	1RF001-00660	CONTROLLER,SAR3IBOKR	1						N	1
(A=M68002)											
1-6	1	1RF001-00661	CONTROLLER,SAR3IBOKR	1						N	1
(A=*2024.12)											
1-7	1	1RF001-00662	CONTROLLER,SAR3IBOKR	1						N	1
(A=*2025.09)											
4	1	172126-11510	BAND, BINDING 300	10							
5	1	172B11-16540	TUBE, PROTECTOR 7	1							
6	1	172B57-16690	HARNESS ASSY,REMOTE3	1							
7	2	1A6382-51510	RESISTANCE, 2W R120	1							
8	1	172B57-17860	COVER,GPS	1							
9	1	172B57-17880	BRACKET ASSY,GPS	1							
10	1	172B16-18100	BRACKET, ANTENNA	1							
11	1	172162-68370	BOLT, M8X12	3							
12	1	172533-68500	SEAL, 105	2							
13	1	1E8775-84120	CLAMP, BAND B	1							
14	1	1E8490-84130	CLAMP, BAND	2							
15	1	1RF001-93600	ANTENNA,SA-R3	1							
16	1	22117-060000	WASHER, 6	2							
17	1	22137-080000	WASHER, 8	4							
18	1	22217-060000	WASHER, SPRING 6	2							
19	1	26013-060122	BOLT, M6X 12	2							
20	1	26013-080162	BOLT, M8X 16	4							
21	1	26450-060162	BOLT, M6X 16	2							

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

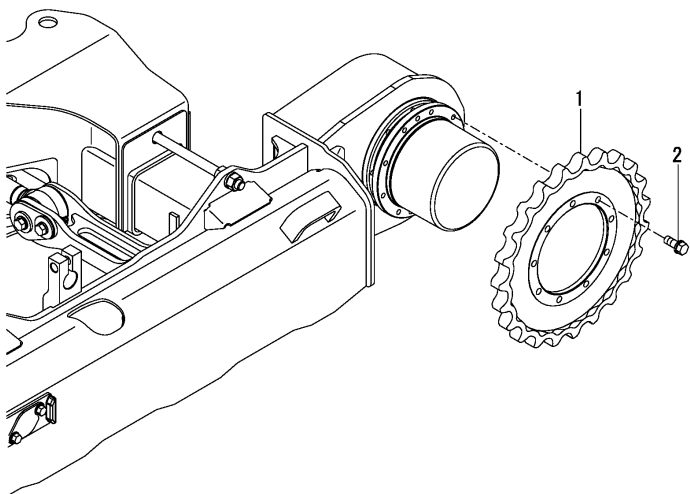
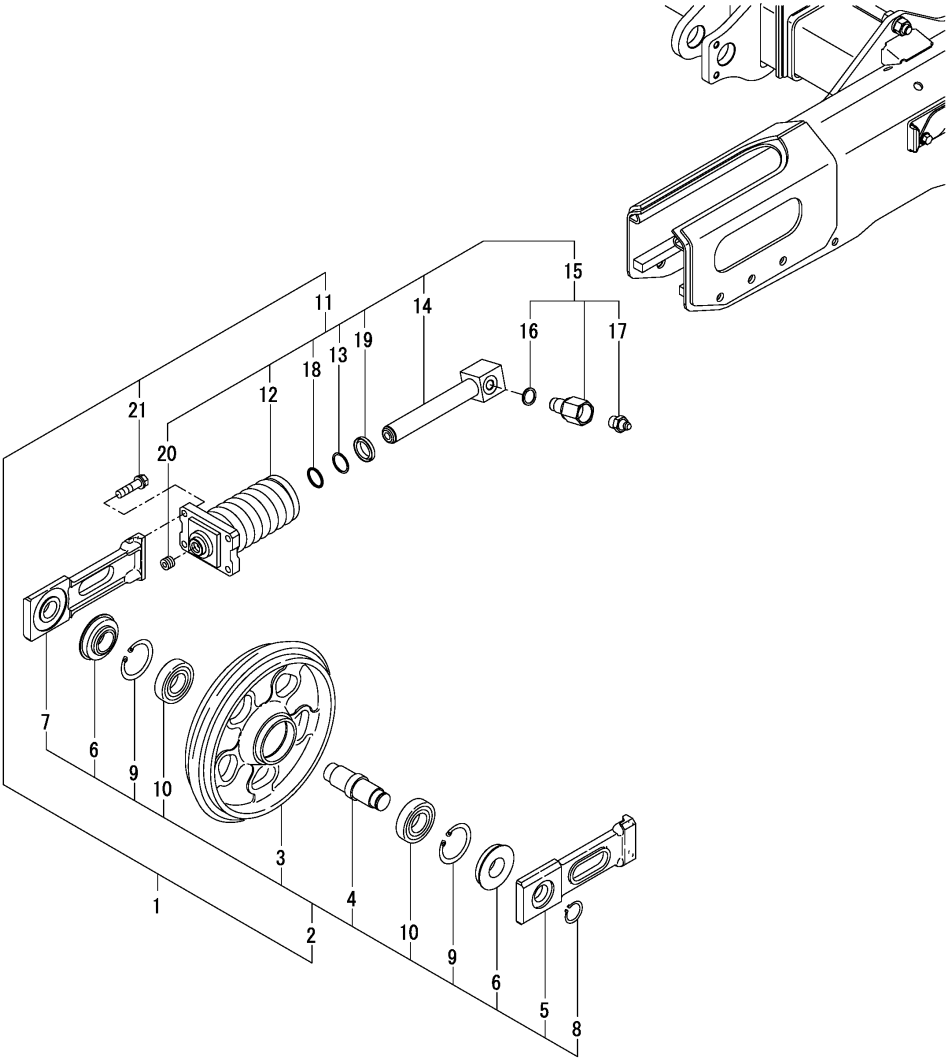
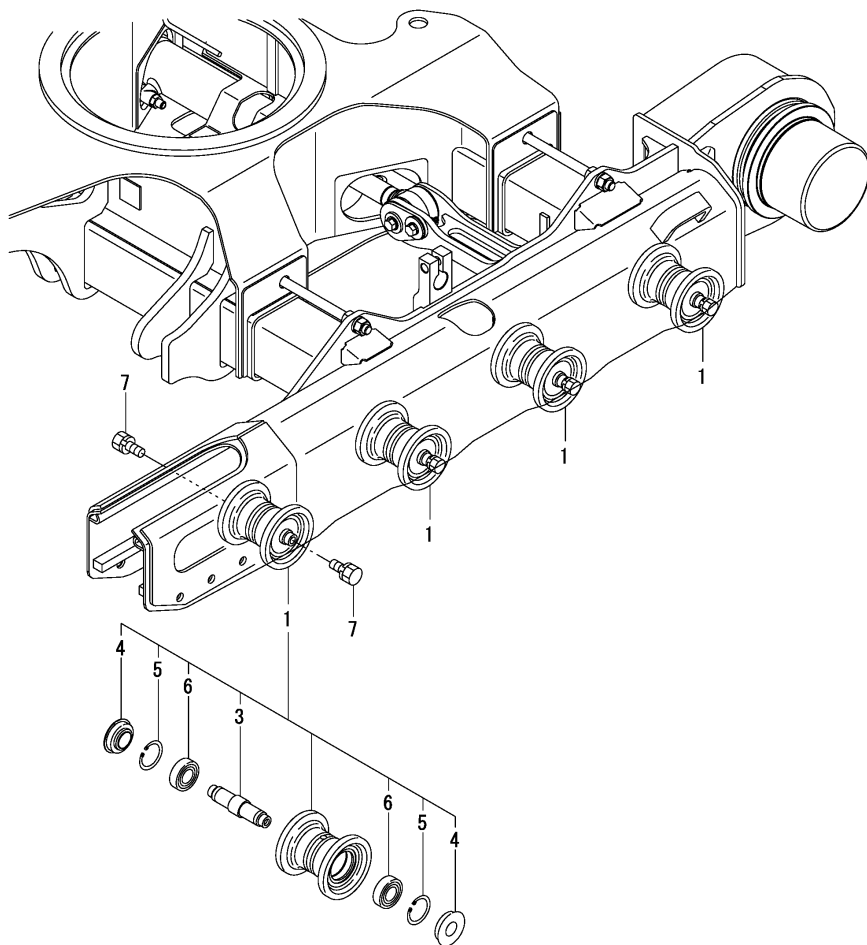
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Fig.36. IDLER & ADJUST

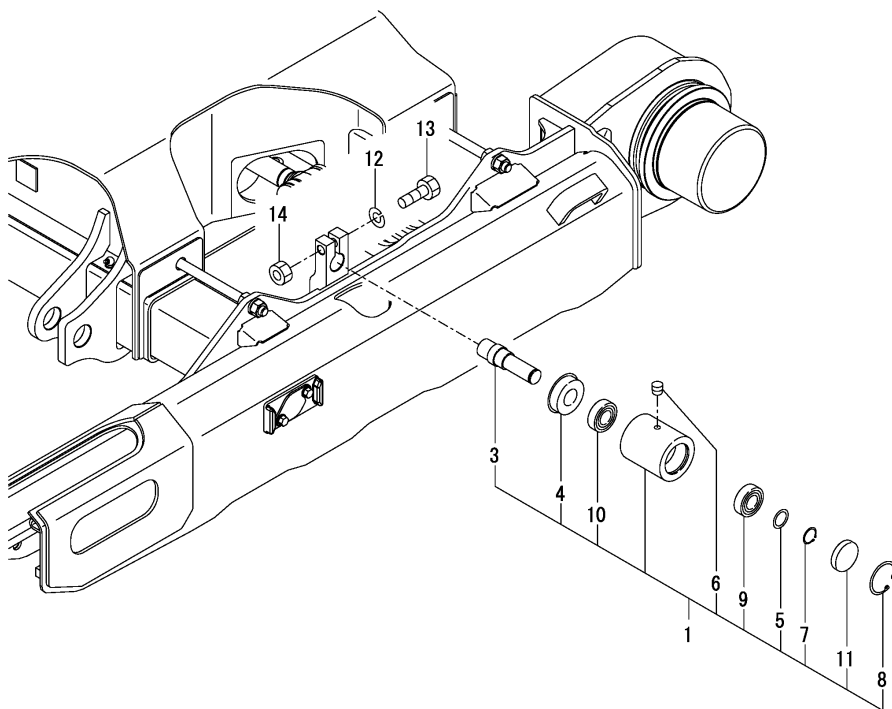


0CK50-M02280 Fig.36

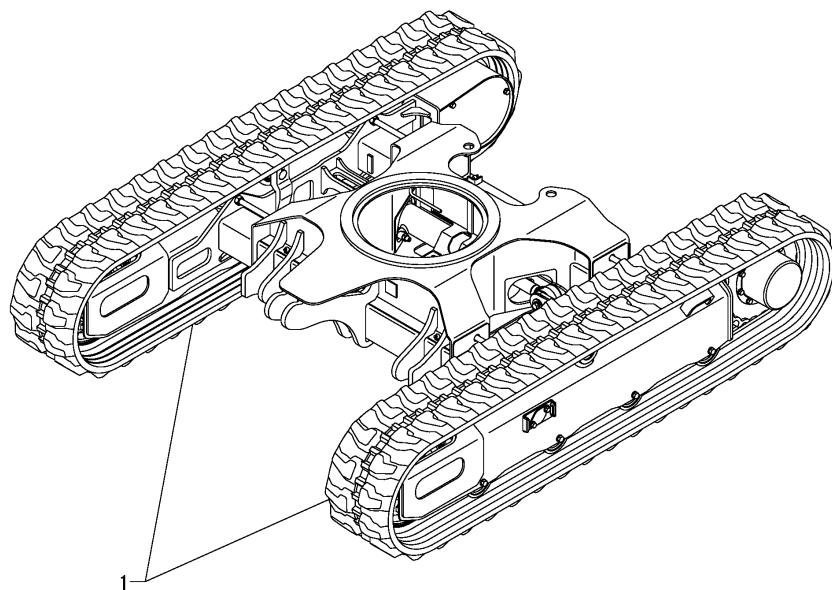
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-37100	IDLER ASSY, ADJUST R	2							
2	2	172456-37060	IDLER R,FRONT ASSY	2							
3	3	172456-37100-3	IDLER ASSY	2							
4	3	172456-37121	SHAFT, IDLER	2							
5	3	172456-37130	COVER, CYLINDER L	2							
6	3	172141-37140	SEAL, 357220	4							
7	3	172456-37141	COVER, CYLINDER R	2							
8	3	22242-000300	RING, 30	2							
9	3	22252-000720	RING, 72	4							
10	3	24101-062074	BEARING, BALL 6207	4							
11	2	172B57-37700	ADJUSTER ASSY, CROW	2							
12	3	172B57-37710	SPRING ASSY, CRAWLER	2							
13	3	172A23-37750	RING, BACK UP P30	2							
14	3	172B57-37750	TUBE ASSY, ADJUST	2							
15	3	172B03-37840	VALVE ASSY, NIPPLE	2							
16	4	172B03-37850	SEAL, SQUARE	2							
17	4	24761-020000	NIPPLE, GREASE PT1/8	2							
18	3	24315-000300	O-RING, 1BP30.0	2							
19	3	933126-38600	SEAL, DUST DKB	2							
20	3	933171-13691	PLUG, PT1/8	2							
21	2	26013-100402	BOLT, M10X 40	8							

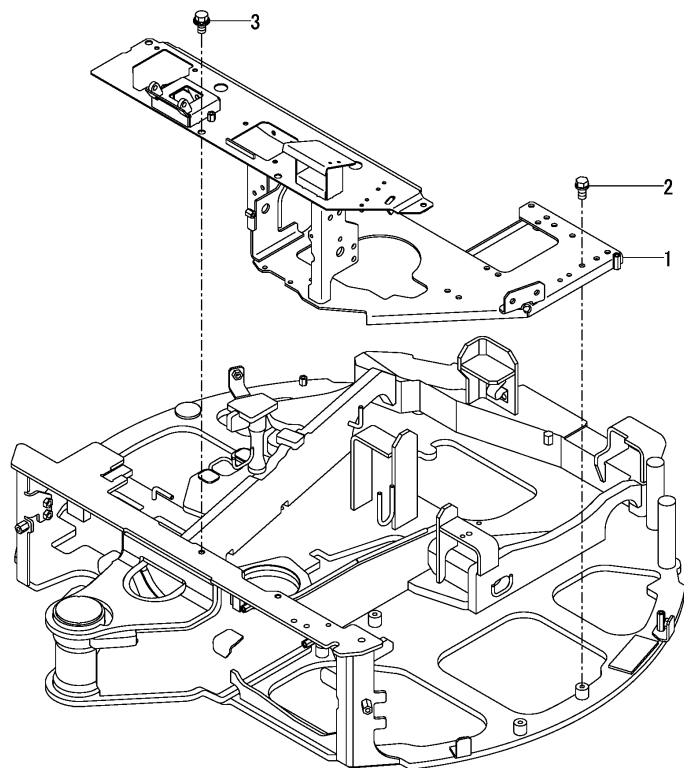


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-37300	ROLLER ASSY, LOWER	8							
1-1	1	172A23-37301-1 (A=M6A212)	ROLLER ASSY, LOWER	8							R
3	2	172A23-37320	SHAFT	8							
4	2	1E6140-73420	SEAL, OIL 25X52X18	16							
5	2	22252-000520	RING, 52	16							
6	2	24101-062054	BEARING, BALL 6205	16							
7	1	26013-120252	BOLT, M12X 25	16							

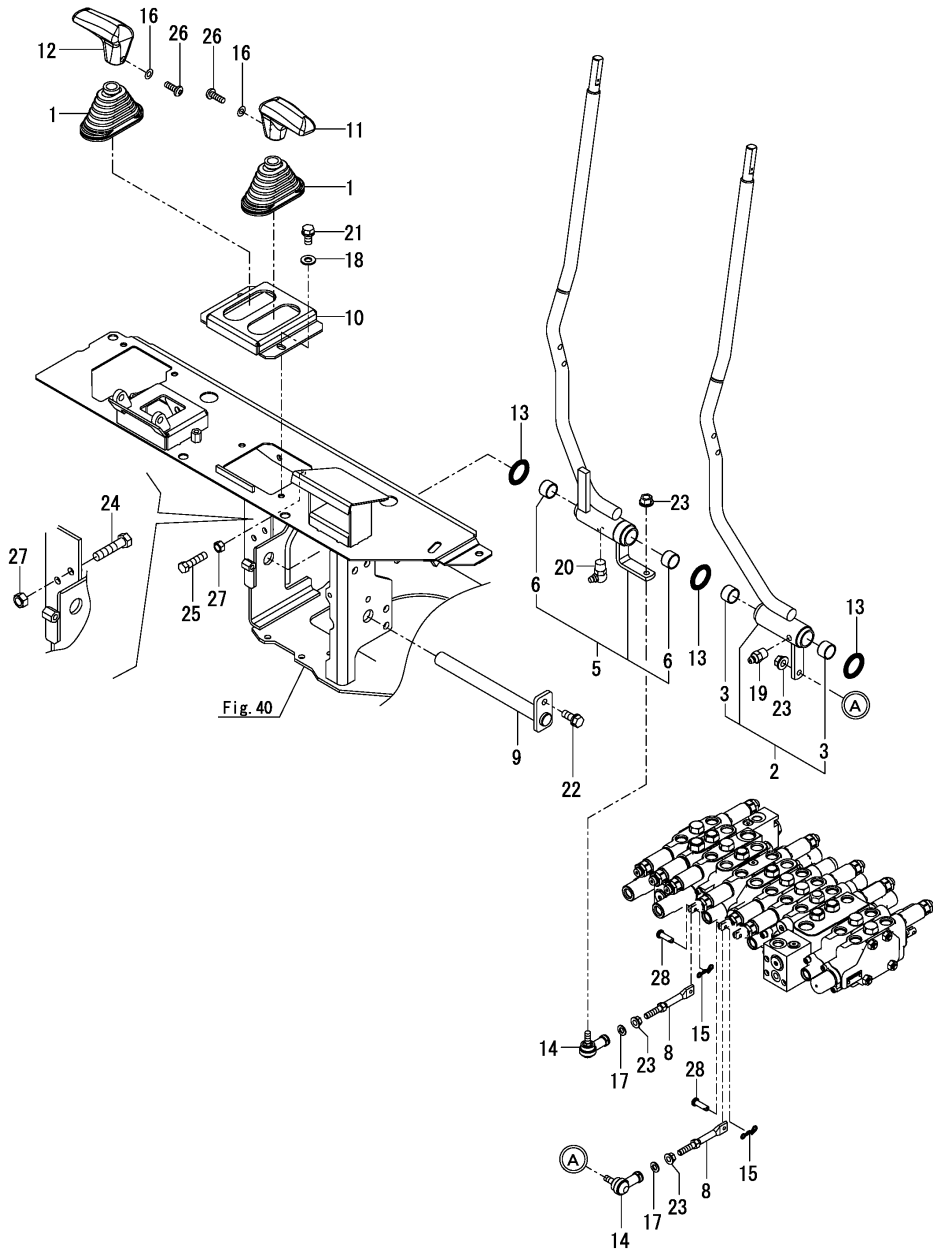


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-37500-2	ROLLER ASSY, CARRIER	2							
3	2	172458-37570	SHAFT	2							
4	2	172458-37580	SEAL, OIL	2							
5	2	172458-37590	COLLAR	2							
6	2	194630-42120	PLUG, SCREW PT1/8	2							
7	2	22242-000250	RING, 25	2							
8	2	22252-000521	RING, 52	2							
9	2	24101-062054	BEARING, BALL 6205	2							
10	2	24102-062054	BEARING, BALL 6205U	2							
11	2	27260-520000	PLUG, 52	2							
12	1	22217-140000	WASHER, SPRING 14	2							
13	1	26116-140652	BOLT, M14X 65 PLATED	2							
14	1	26716-140002	NUT, M14	2							

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-45602	MOUNT ASSY, LINK	1							
2	1	26013-100202	BOLT, M10X 20	4							
3	1	26014-100202	BOLT, M10X 20	3							

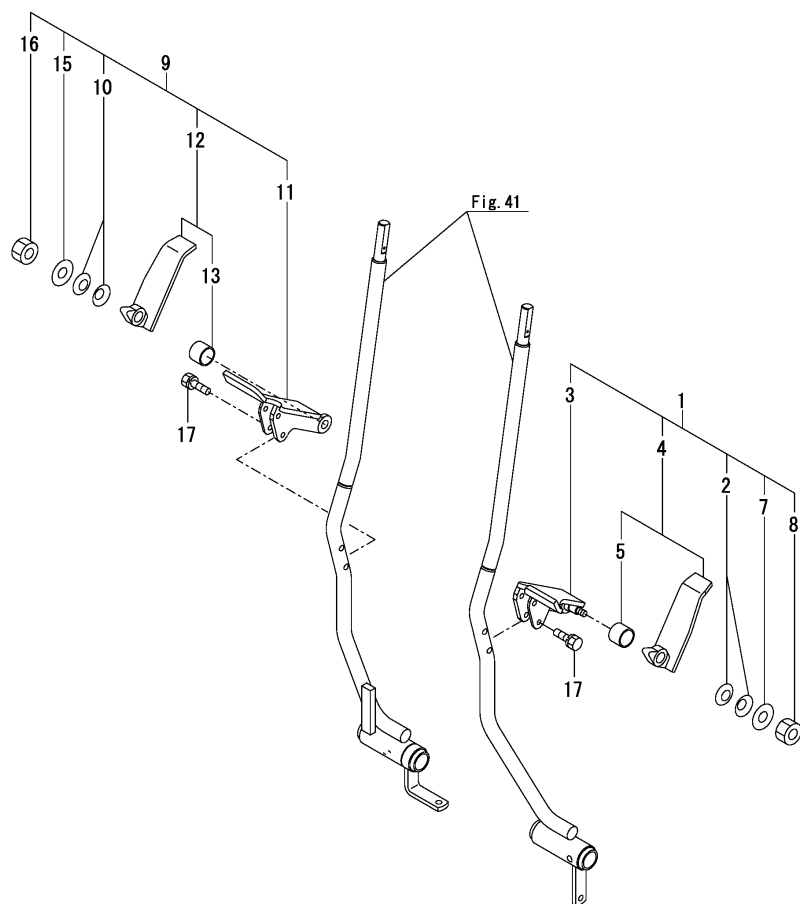


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(B)=
(C)=

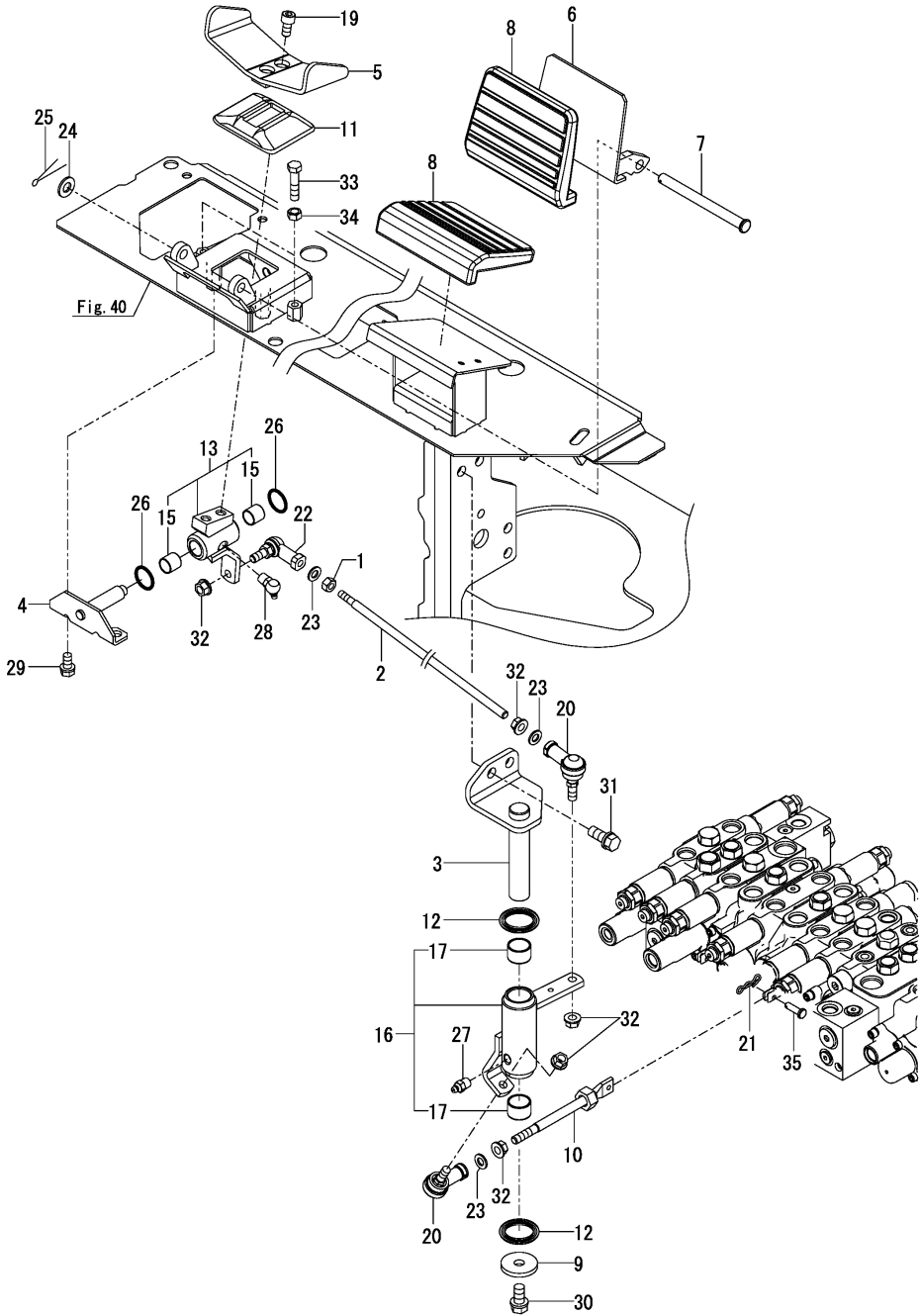
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT, RUBBER	2							
2	1	172B57-45100	LEVER ASSY, TRAVEL L	1							
3	2	172141-41370	BUSH, 20 15	2							
5	1	172B57-45150	LEVER ASSY, TRAVEL R	1							
6	2	172141-41370	BUSH, 20 15	2							
8	1	172458-45250	ROD ASSY, 91	2							
9	1	172B57-45400	SHAFT ASSY	1							
10	1	172458-45510-1	BRACKET, BOOT	1							
11	1	172187-45870	GRIP, DRIVE L	1							
12	1	172187-45880	GRIP, DRIVE R	1							
13	1	172124-46200	O-RING, 27.6X5.7	3							
14	1	172122-46590	ELBOW, 8	2							
15	1	22117-040000	WASHER, 4	2							
16	1	22117-080000	WASHER, 8	2							
17	1	22137-080000	WASHER, 8	2							
18	1	1C6281-52310	PIN, SNAP 6	2							
19	1	24761-020000	NIPPLE, GREASE PT1/8	1							
20	1	24761-050000	NIPPLE, GREASE C	1							
21	1	26013-080162	BOLT, M8X 16	2							
22	1	26013-080202	BOLT, M8X 20	1							
23	1	26051-080002	NUT, M8	4							
24	1	26116-080354	BOLT, M8X 35 PLATED	2							
25	1	26116-080454	BOLT, M8X 45 PLATED	2							
26	1	26587-040122	SCREW, M4X12	2							
27	1	26716-080002	NUT, M8	4							
28	1	933110-54100	PIN, 4.75X14	2							

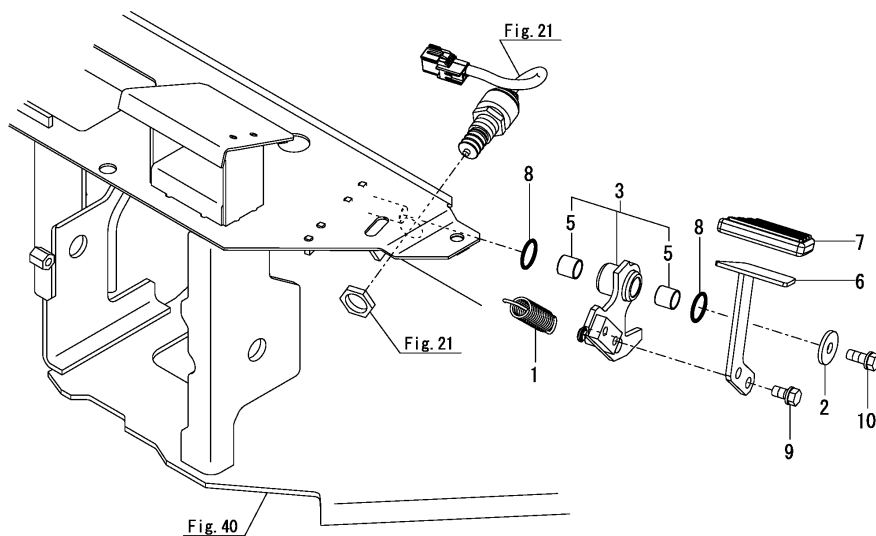
Fig.42. TRAVEL PEDAL



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-45601-1	PEDAL ASSY, TRACK L	1							
2	2	172068-28490	SPRING, SCREW 8	2							
3	2	172472-45720	PEDAL ASSY, TRACK FL	1							
4	2	172472-45810-1	PEDAL ASSY, TRACK RL	1							
5	3	172110-45050	BUSH, 12X12	1							
7	2	22137-080000	WASHER, 8	1							
8	2	26347-080002	NUT, M8	1							
9	1	172472-45621-1	PEDAL ASSY, TRACK R	1							
10	2	172068-28490	SPRING, SCREW 8	2							
11	2	172472-45730	PEDAL ASSY, TRACK FR	1							
12	2	172472-45850-1	PEDAL ASSY, TRACK RR	1							
13	3	172110-45050	BUSH, 12X12	1							
15	2	22137-080000	WASHER, 8	1							
16	2	26347-080002	NUT, M8	1							
17	1	26013-060302	BOLT, M6X 30	4							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194200-37780	NUT, M8	1							
2	1	172456-45160	ROD, SWING	1							
3	1	172B57-45200	BRACKET ASSY, SWING	1							
4	1	172458-45230-1	SHAFT ASSY, PEDAL	1							
5	1	172458-45521-1	PEDALL ASSY, SWING	1							
6	1	172458-45540-1	COVER ASSY, PEDAL	1							
7	1	172187-45651	SHAFT, PEDAL COVER	1							
8	1	172187-45760	PAD	2							
9	1	1A1040-45890	WASHER, 10X36X4.5	1							
10	1	172823-45940	ROD ASSY, 130	1							
11	1	172157-45990	BOOT, PEDAL	1							
12	1	172124-46200	O-RING, 27.6X5.7	2							
13	1	172B16-46230	LINK ASSY, SWING A	1							
15	2	24550-014150	BUSH, 14X15	2							
16	1	172B16-46260	LINK ASSY, SWING B	1							
17	2	172141-41370	BUSH, 20 15	2							
19	1	172165-46340	BOLT, HEX SOCKET M8	2							
20	1	172122-46590	ELBOW, 8	2							
21	1	1E6740-64200	BALL, LINK BL8DL	1							
22	1	22117-080000	WASHER, 8	3							
23	1	22137-100000	WASHER, 10	1							
24	1	1C6281-52310	PIN, SNAP 6	1							
25	1	22417-250200	PIN, COTTER 2.5X20	1							
26	1	24311-000210	O-RING, 1AP21.0	2							
27	1	24761-020000	NIPPLE, GREASE PT1/8	1							
28	1	24761-040000	NIPPLE, GREASE B	1							
29	1	26013-080162	BOLT, M8X 16	2							
30	1	26013-100202	BOLT, M10X 20	1							
31	1	26013-100252	BOLT, M10X 25	2							
32	1	26051-080002	NUT, M8	5							
33	1	26116-080304	BOLT, M8X 30 PLATED	2							
34	1	26716-080002	NUT, M8	2							
35	1	933110-54100	PIN, 4.75X14	1							

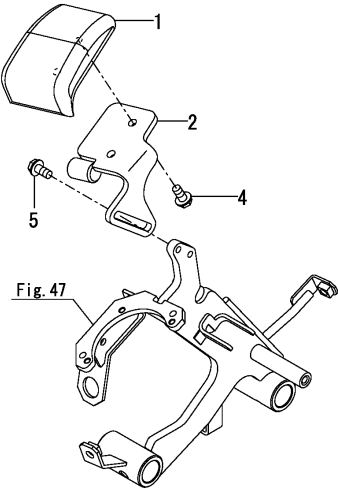
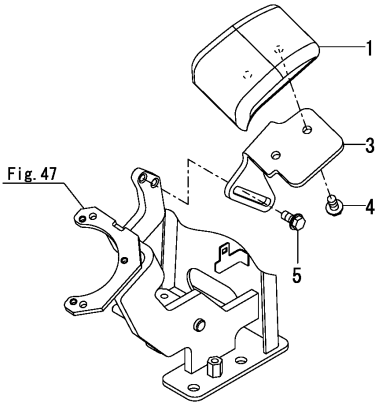


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1							
2	1	1A1040-43900	WASHER, SPRING	1							
3	1	172B57-45780	BRACKET ASSY, PEDAL	1							
5	2	24550-014150	BUSH, 14X15	2							
6	1	172B16-45850	PEDAL ASSY	1							
7	1	172458-45950	PAD, PEDAL	1							
8	1	24311-000210	O-RING, 1AP21.0	2							
9	1	26013-080162	BOLT, M8X 16	2							
10	1	26013-080202	BOLT, M8X 20	1							

(A)=VIO20-6(KR)
(B)=
(C)=

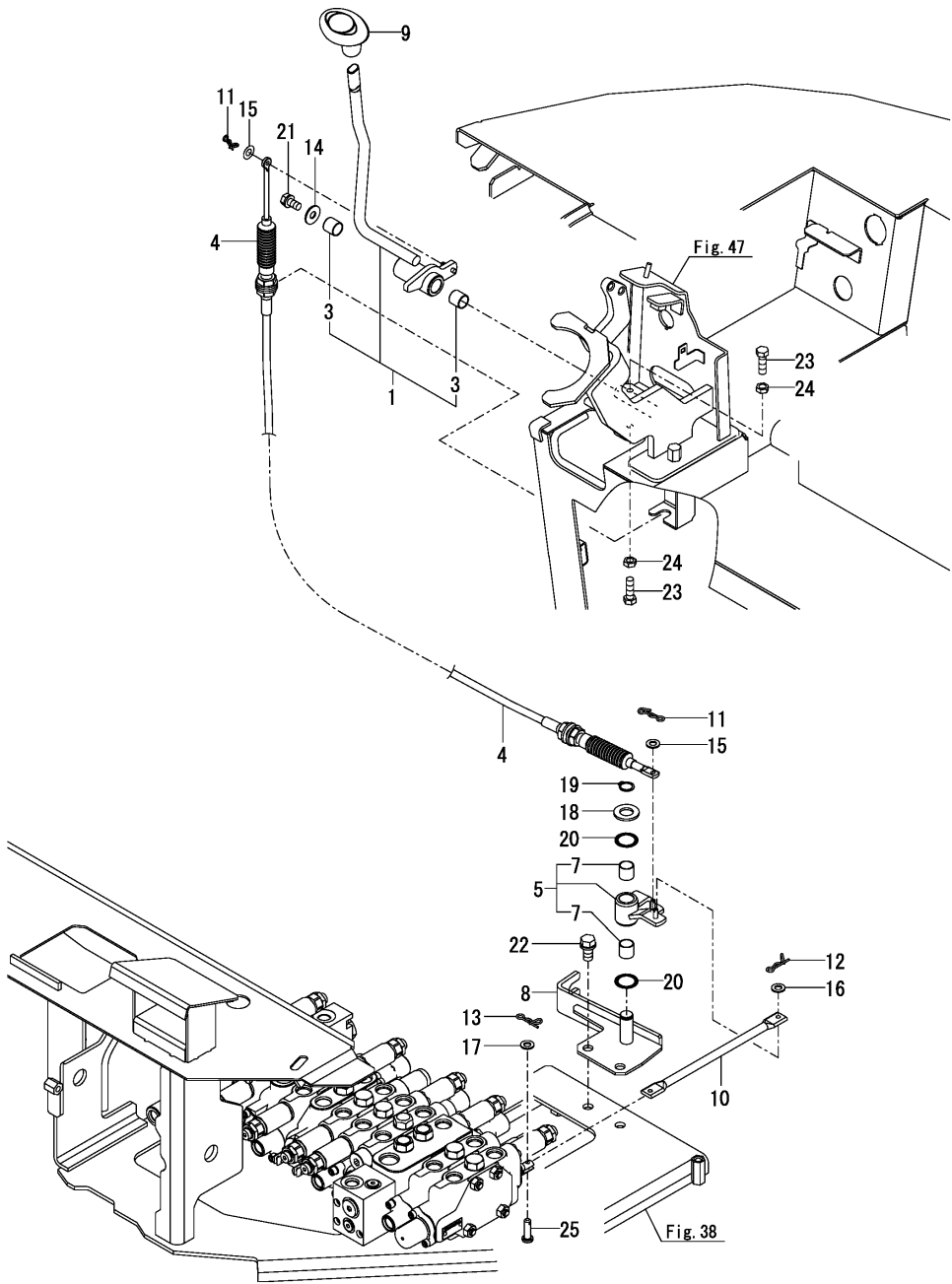
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172441-44320	ARMREST	2							
2	1	172A46-46500	GUIDE ASSY, L	1							
3	1	172A46-46530	PLATE, GUIDE R	1							
4	1	172162-68370	BOLT, M8X12	4							
5	1	172519-63240	BOLT, M8X16	4							

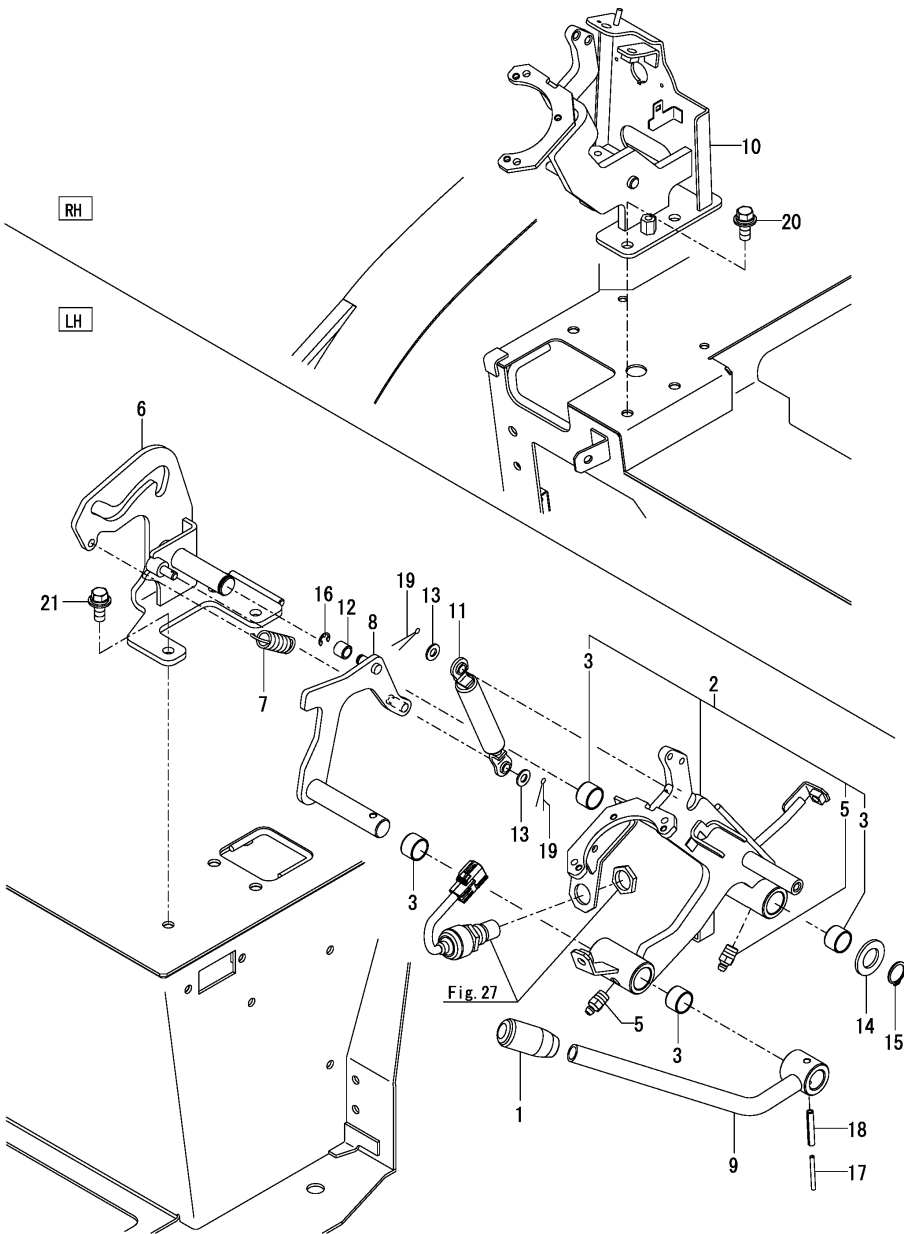


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(C)=

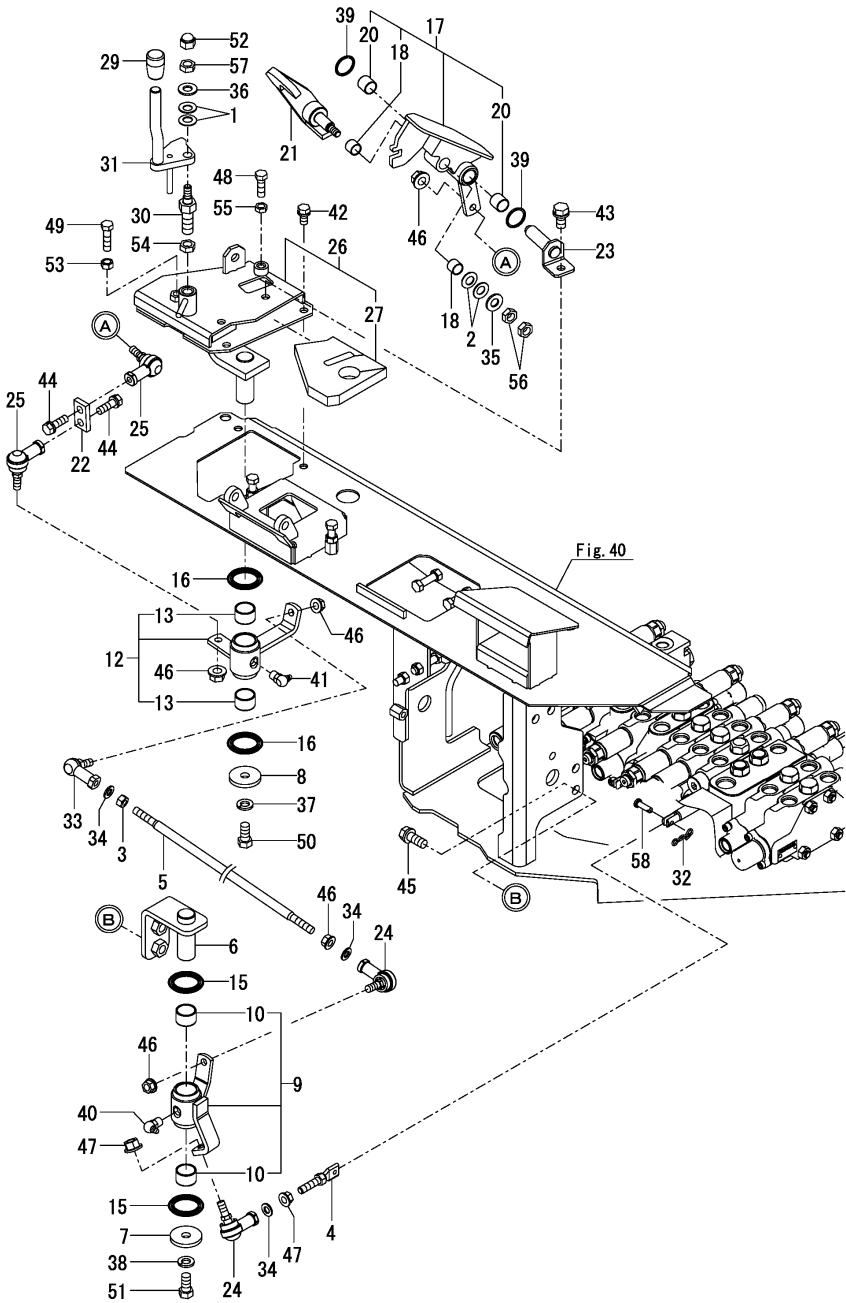
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-45350	LEVER ASSY, BLADE	1							
3	2	24550-014150	BUSH, 14X15	2							
4	1	172B57-45800	CABLE, BLADE	1							
5	1	172B57-45900	BOSS ASSY, LINK	1							
7	2	24550-014150	BUSH, 14X15	2							
8	1	172B57-45950	SHAFT ASSY, LINK	1							
9	1	172164-45970	GRIP, BLADE	1							
10	1	172B57-45991	ROD, 200	1							
11	1	1C6281-52310	PIN, SNAP 6	2							
12	1	1C6281-52310	PIN, SNAP 6	1							
13	1	1C6281-52310	PIN, SNAP 6	1							
14	1	1A1380-62160	WASHER, BELT COVER	1							
15	1	22137-050000	WASHER, 5	2							
16	1	22137-050000	WASHER, 5	1							
17	1	22137-050000	WASHER, 5	1							
18	1	22137-140000	WASHER, 14	1							
19	1	22242-000140	RING, 14	1							
20	1	24311-000210	O-RING, 1AP21.0	2							
21	1	26013-080162	BOLT, M8X 16	1							
22	1	26013-100202	BOLT, M10X 20	2							
23	1	26116-080254	BOLT, M8X 25 PLATED	2							
24	1	26756-080002	NUT, LOCK M8	2							
25	1	933110-54100	PIN, 4.75X14	1							



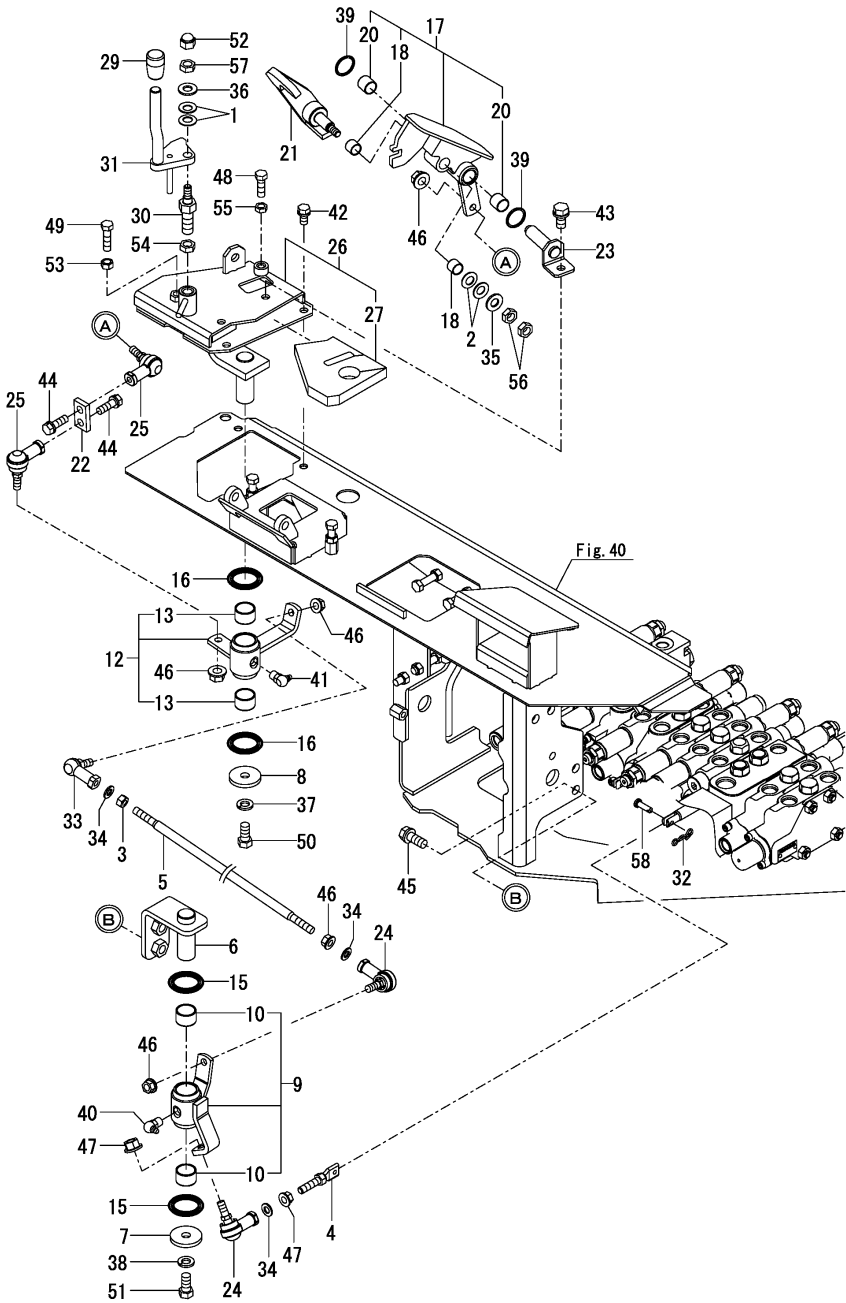
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-46050	GRIP	1							
2	1	172B04-46100	STAND ASSY, LEVER L	1							
3	2	172141-41370	BUSH, 20 15	4							
5	2	24761-020000	NIPPLE, GREASE PT1/8	2							
6	1	172B16-46200	BASE ASSY, LEVER L	1							
7	1	172A69-46270	SPRING, 2.3X15X60	1							
8	1	172B16-46310	ROD ASSY, GUIDE	1							
9	1	172B16-46350	LEVER ASSY, LOCK L	1							
10	1	172B57-46400	STAND ASSY, LEVER R	1							
11	1	172455-46890	SPRING, GAS	1							
12	1	172165-47550	BUSH	1							
13	1	22137-080000	WASHER, 8	2							
14	1	22137-200000	WASHER, 20	1							
15	1	22242-000200	RING, 20	1							
16	1	22272-000070	RING, E- 7	1							
17	1	22351-035040	PIN, SPRING 3.5X40	1							
18	1	22351-060040	PIN, SPRING 6.0X40	1							
19	1	22417-200200	PIN, COTTER 2.0X20	2							
20	1	26014-100252	BOLT, M10X 25	3							
21	1	26014-100252	BOLT, M10X 25	3							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING, SCREW 8	2							
2	1	172068-28490	SPRING, SCREW 8	2							
3	1	194200-37780	NUT, M8	1							
4	1	172823-45000	ROD, SPOOL 54	1							
5	1	172456-45170	ROD, PTO	1							
6	1	172B57-45250	BRACKET ASSY, PTO	1							
7	1	1A1040-45890	WASHER, 10X36X4.5	1							
8	1	1A1040-45890	WASHER, 10X36X4.5	1							
9	1	172B16-46101	LINK ASSY, PTO A	1							
10	2	172141-41370	BUSH, 20 15	2							
12	1	172B16-46150	LINK ASSY, PTO B	1							
13	2	172141-41370	BUSH, 20 15	2							
15	1	172124-46200	O-RING, 27.6X5.7	2							
16	1	172124-46200	O-RING, 27.6X5.7	2							
17	1	172458-46230-1	PEDAL ASSY, A	1							
18	2	172110-45050	BUSH, 12X12	2							
20	2	24550-014150	BUSH, 14X15	2							
21	1	172458-46280-1	PEDAL ASSY, B	1							
22	1	172458-46290	PLATE	1							
23	1	172187-46400-1	BRACKET ASSY	1							
24	1	172122-46590	ELBOW, 8	2							
25	1	172122-46590	ELBOW, 8	2							
26	1	172B16-46600	PEDAL ASSY, BASE	1							
27	2	172458-46380	RUBBER, SPONGE	1							
29	1	172116-46630	KNOB, LOCK LEVER	1							
30	1	172B16-46770	SHAFT	1							
31	1	172B16-46780	PLATE ASSY, LOCK	1							
32	1	1C6281-52310	PIN, SNAP 6	1							
33	1	1E6740-64200	BALL, LINK BL8DL	1							
34	1	22117-080000	WASHER, 8	3							
35	1	22137-080000	WASHER, 8	1							
36	1	22137-080000	WASHER, 8	1							
37	1	22217-100000	WASHER, SPRING 10	1							
38	1	22217-100000	WASHER, SPRING 10	1							
39	1	24311-000210	O-RING, 1AP21.0	2							
40	1	24761-050000	NIPPLE, GREASE C	1							
41	1	24761-050000	NIPPLE, GREASE C	1							
42	1	26013-080162	BOLT, M8X 16	3							
43	1	26013-080162	BOLT, M8X 16	1							
44	1	26013-080252	BOLT, M8X 25	2							
45	1	26013-100252	BOLT, M10X 25	2							
46	1	26051-080002	NUT, M8	5							
47	1	26051-080002	NUT, M8	2							
48	1	26116-080254	BOLT, M8X 25 PLATED	1							
49	1	26116-080304	BOLT, M8X 30 PLATED	1							
50	1	26116-100202	BOLT, M10X 20 PLATED	1							
51	1	26116-100202	BOLT, M10X 20 PLATED	1							
52	1	26657-080002	NUT, CAP M8	1							
53	1	26716-080002	NUT, M8	1							
54	1	26716-120002	NUT, M12	1							
55	1	26756-080002	NUT, LOCK M8	1							

(A)=VIO20-6(KR)
(B)=
(C)=

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



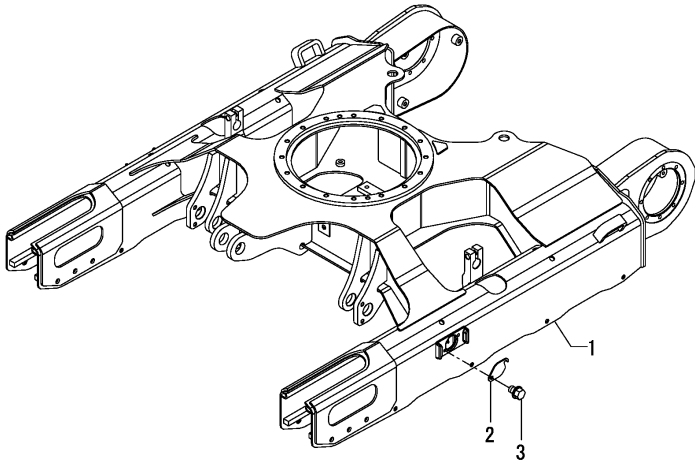
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	1	26756-080002	NUT, LOCK M8	2							
57	1	26756-080002	NUT, LOCK M8	1							
58	1	933110-54100	PIN, 4.75X14	1							

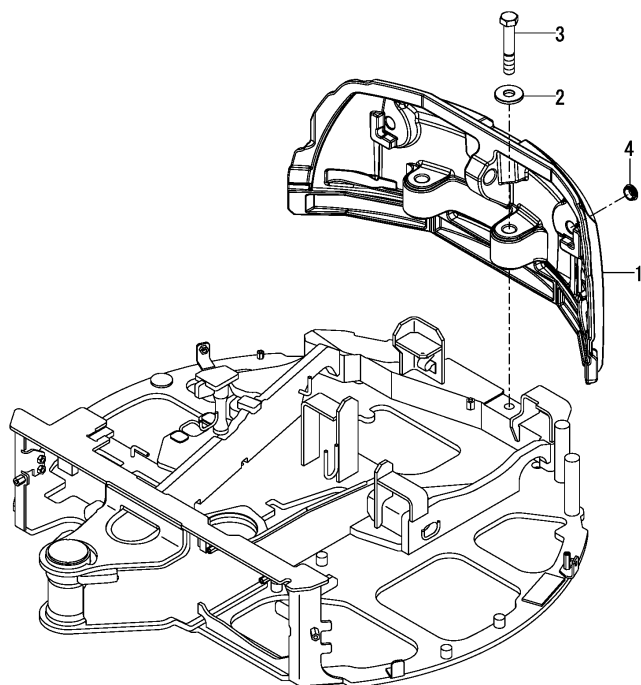
Fig.49. TRAVEL FRAME

(A)=VIO20-6(KR)
(B)=
(C)=

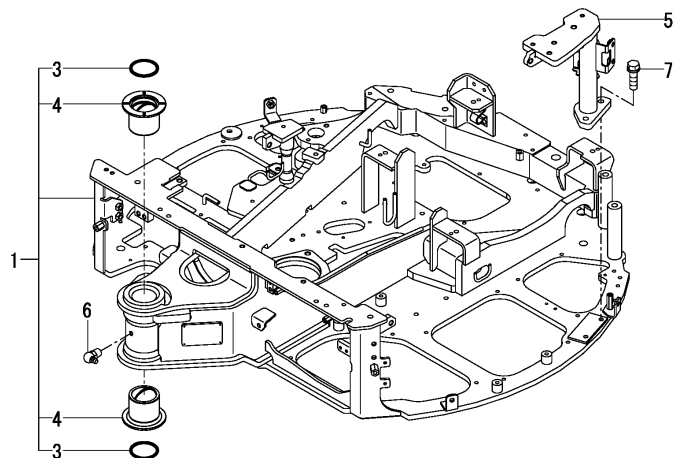
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-50100	FRAME ASSY,LOWER	1							
2	1	172458-50480-2	COVER, FRAME	2							
3	1	26106-100122	BOLT, M10X 12 PLATED	4							





No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172B57-53310	WEIGHT, COUNTER 104	1					
2	1	172187-53321	WASHER, 24.5X65X8	2					
3	1	172455-53331	BOLT, 24X140	2					
4	1	172456-53700	GROMMET. 30	2					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-54101	FRAME ASSY, TURNING	1							
3	2	172448-54120	SEAL, DUST 50X60X4	2							
4	2	172171-54750	BUSH, 50X65	2							
5	1	172B57-54800	MOUNT ASSY, FRAME	1							
6	1	24761-050000	NIPPLE, GREASE C	1							
7	1	26013-120402	BOLT, M12X 40	2							

Fig.53. TURNING BEARING

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194940-24350	PIN, PARALLEL 10X28	3							
2	1	172456-57601	BEARING, SWING	1							
3	2	172B57-57620	SEAL, A	1							
4	2	172B57-57630	SEAL, B	1							
5	1	172141-57650	BOLT, 12X55	16							
5-1	1	172141-57651	BOLT, 12X55	16							R
(A=M68095)											
6	1	172A23-57650	BOLT, 10.9 12X55	16							

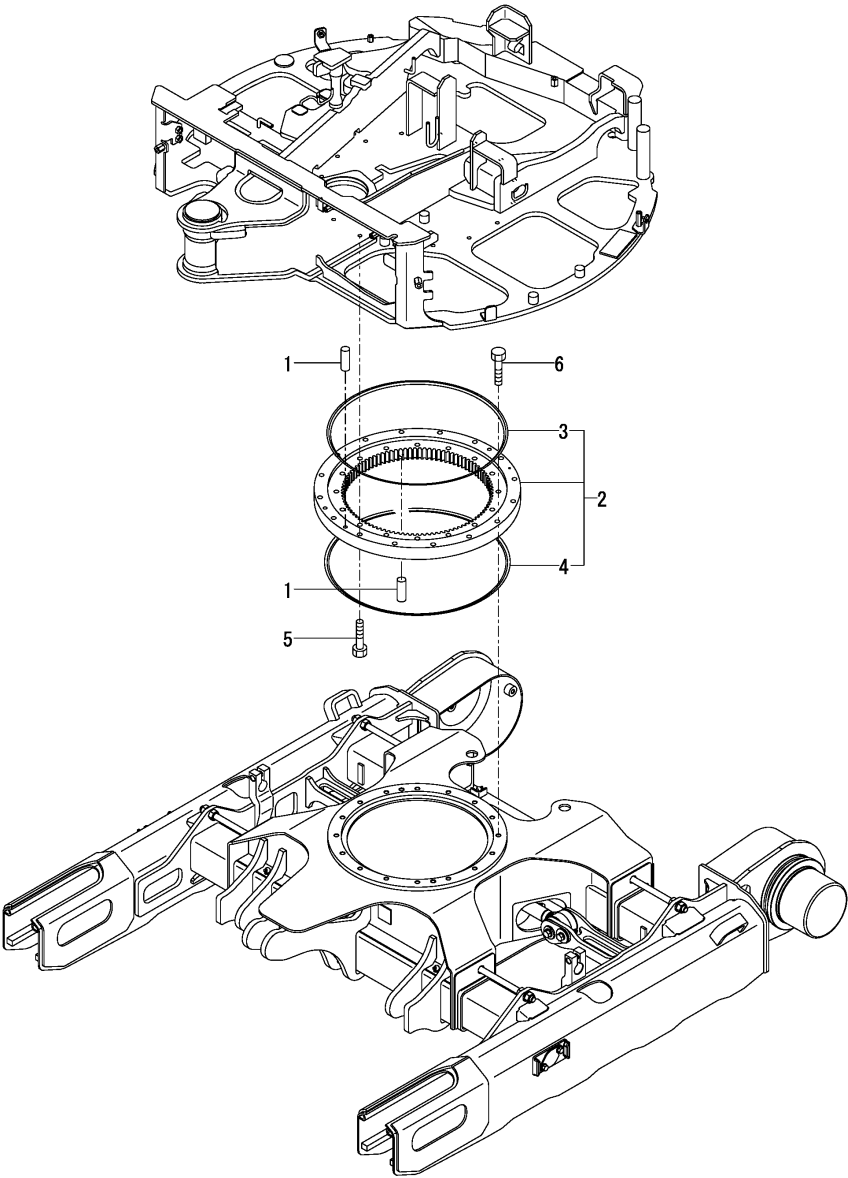


Fig.54. FRONT COVER

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B16-61611	COVER ASSY, FRONT	1							
1-1	1	172B16-61611-1 (A=M64455)	COVER ASSY, FRONT	1							S
2	1	26013-120352	BOLT, M12X 35	2							

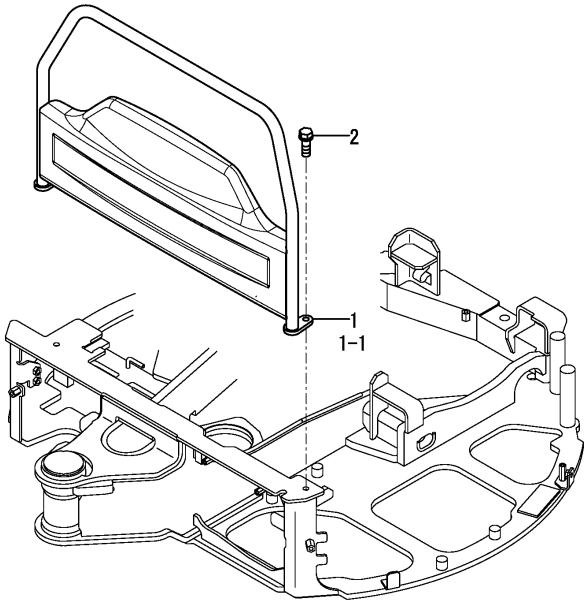
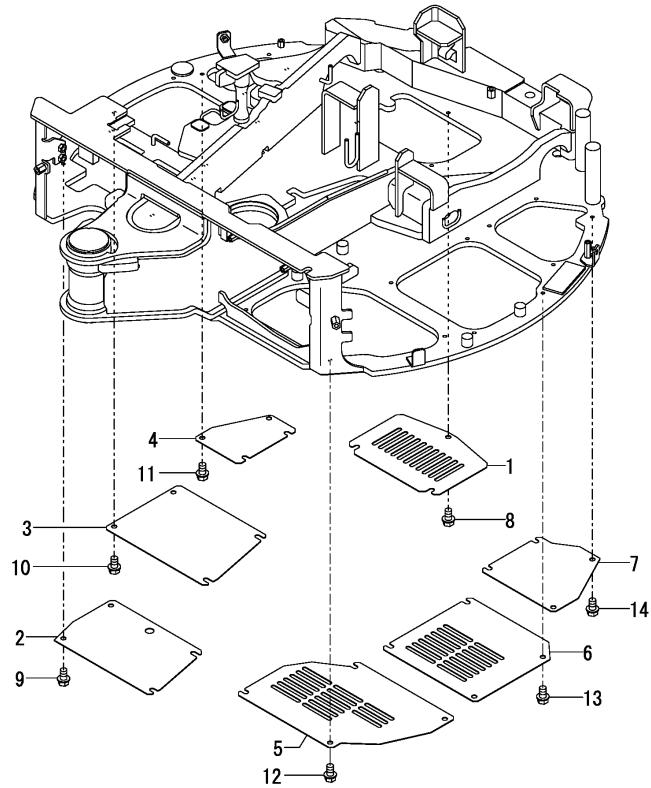


Fig.55. COVER(TURNING FRAME)



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-61410	COVER, OILPAN	1							
2	1	172B57-61420	COVER, FO	1							
3	1	172B57-61430	COVER, RESERVOIR	1							
4	1	172B57-61440	COVER, DRAIN	1							
5	1	172B57-61450	COVER, VALVE F	1							
6	1	172B57-61460	COVER, VALVE R	1							
7	1	172B57-61470	COVER, PUMP	1							
8	1	26106-100162	BOLT, M10X 16 PLATED	3							
9	1	26106-100162	BOLT, M10X 16 PLATED	4							
10	1	26106-100162	BOLT, M10X 16 PLATED	4							
11	1	26106-100162	BOLT, M10X 16 PLATED	4							
12	1	26106-100162	BOLT, M10X 16 PLATED	4							
13	1	26106-100162	BOLT, M10X 16 PLATED	4							
14	1	26106-100162	BOLT, M10X 16 PLATED	4							

OCK50-M02280 COVER
Fig.56. COVER(MULTI)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-61540	HINGE ASSY, MULTI	1							
1-1	1	172B03-61540-1	HINGE ASSY, MULTI	1						S	
(A=M64455)											
2	1	172B57-61600	COVER ASSY,MULTI A	1							
2-1	1	172B57-61600-1	COVER ASSY,MULTI A	1						S	
(A=M64455)											
4	2	172B57-61630	SPONGE, MULTI A	1							
5	2	172B57-61640	SEAL, 480	1							
6	1	172B57-61650	STAY ASSY,A MLT-A	1							
7	1	172B57-61670	STAY ASSY,B MLT-A	1							
8	1	172B57-61700	COVER ASSY,MULTI B	1							
8-1	1	172B57-61700-1	COVER ASSY,MULTI B	1						S	
(A=M64455)											
10	2	172B57-61730	CATCH,T-C850-5	1							
11	2	172B57-61790	SEAL,265	1							
12	2	172137-66230	GROMMET	1							
13	2	26557-040082	SCREW, M4X 8	2							
14	1	172B57-61800	COVER ASSY,MULTI C	1							
14-1	1	172B57-61800-1	COVER ASSY,MULTI C	1						S	
(A=M64455)											
15	2	172B57-61590	SEAL,910	1							
17	2	172B57-61840	SPONGE, MULTI C	1							
18	1	172B57-61850	STAY ASSY,MULTI C	1							
19	1	172448-65490	SHAFT, HINGE	1							
20	1	22272-000070	RING, E- 7	1							
21	1	26014-100252	BOLT, M10X 25	2							
22	1	26014-100252	BOLT, M10X 25	3							
23	1	26014-100252	BOLT, M10X 25	2							
24	1	26014-100252	BOLT, M10X 25	2							
25	1	26014-100252	BOLT, M10X 25	3							
26	1	26014-100252	BOLT, M10X 25	2							

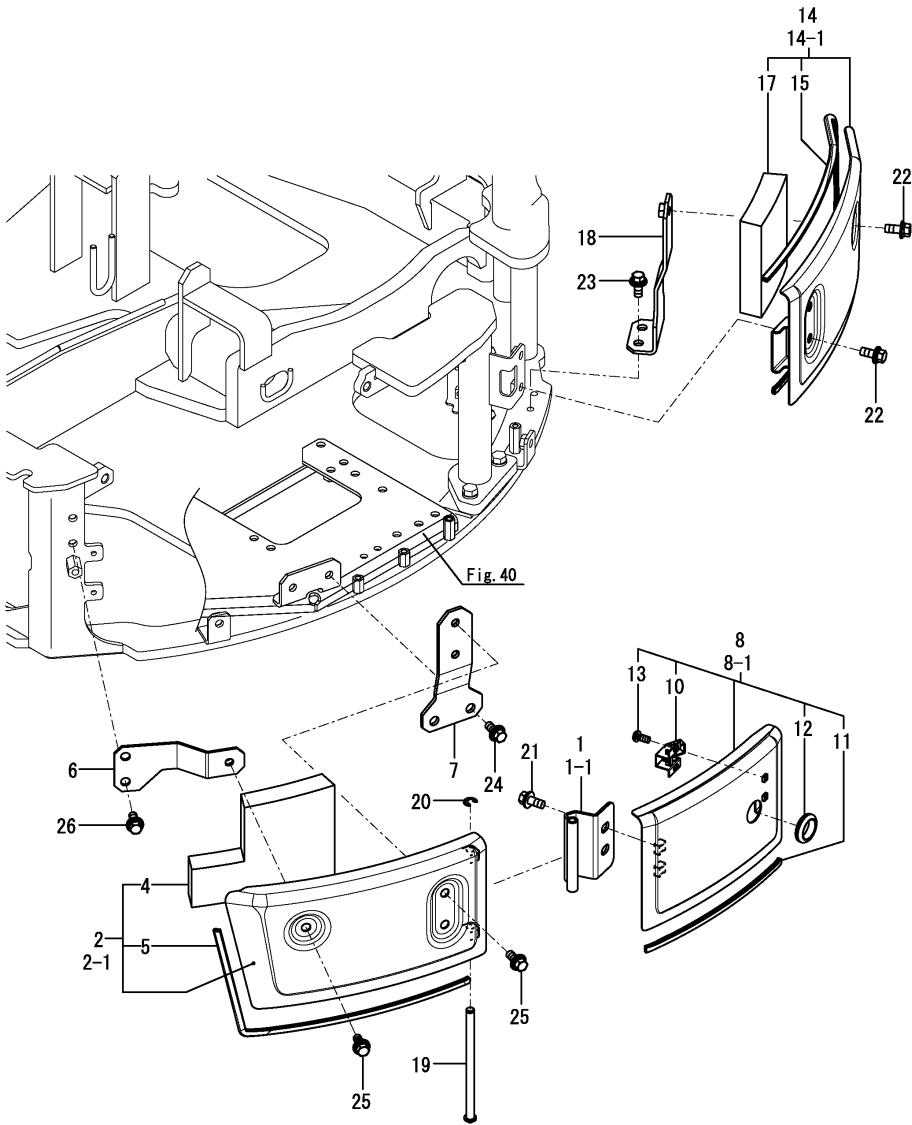


Fig.57. COVER(TRAVEL FRAME)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-50760	COVER, UNDER	1							
2	1	172173-61191-1	COVER, TRAVEL	2							
3	1	22217-120000	WASHER, SPRING 12	4							
4	1	26013-100202	BOLT, M10X 20	6							
5	1	26116-120252	BOLT, M12X 25 PLATED	4							

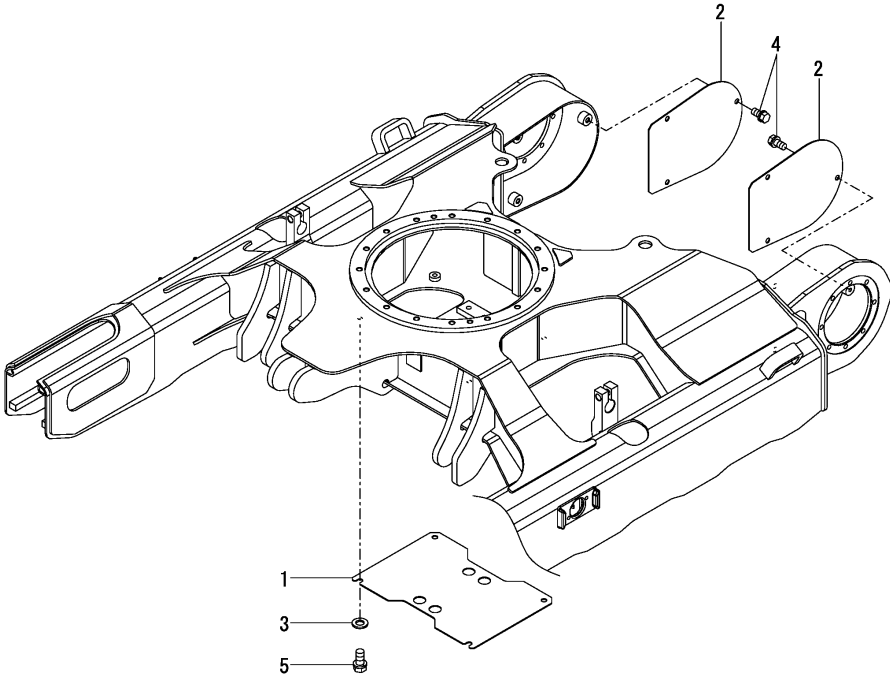


Fig.58. FRAME GUARD(LEFT)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-61110	GUARD, FRAME L	1							
2	1	22157-100000	WASHER, 10	2							
3	1	26013-100252	BOLT, M10X 25	2							

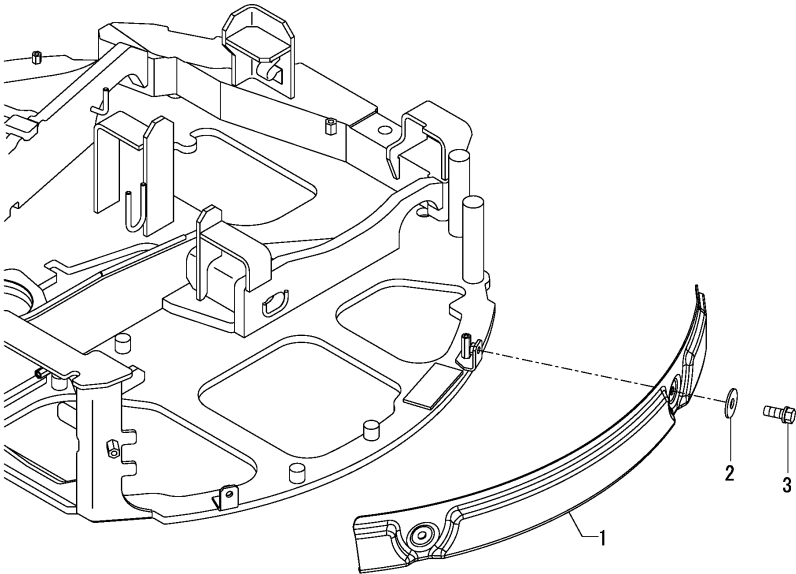
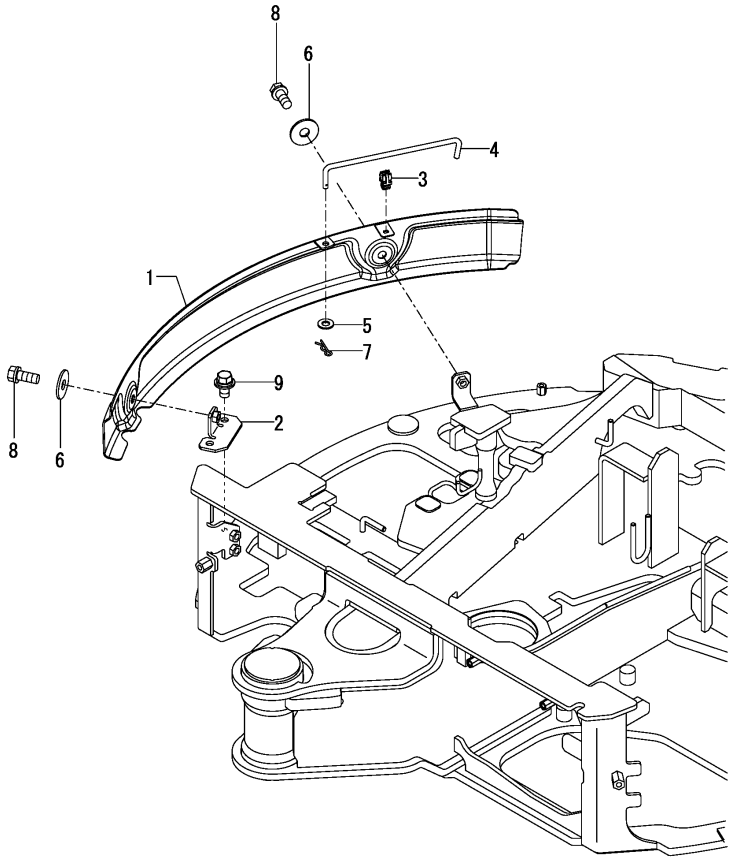


Fig.59. FRAME GUARD(RIGHT)

(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-61200	GUARD ASSY, FRAME R	1							
2	1	172B57-61250	BRACKET ASSY, GUARD R	1							
3	1	1A7400-61250	HOLDER, ROD 8	1							
4	1	172B57-65780	HOOK, BONNET R	1							
5	1	22137-080000	WASHER, 8	1							
6	1	22157-100000	WASHER, 10	2							
7	1	22372-080000	PIN, SNAP 8	1							
8	1	26013-100252	BOLT, M10X 25	2							
9	1	26014-100202	BOLT, M10X 20	2							

Fig.60. COVER(TURNING FRAME)(FRONT - LEFT)

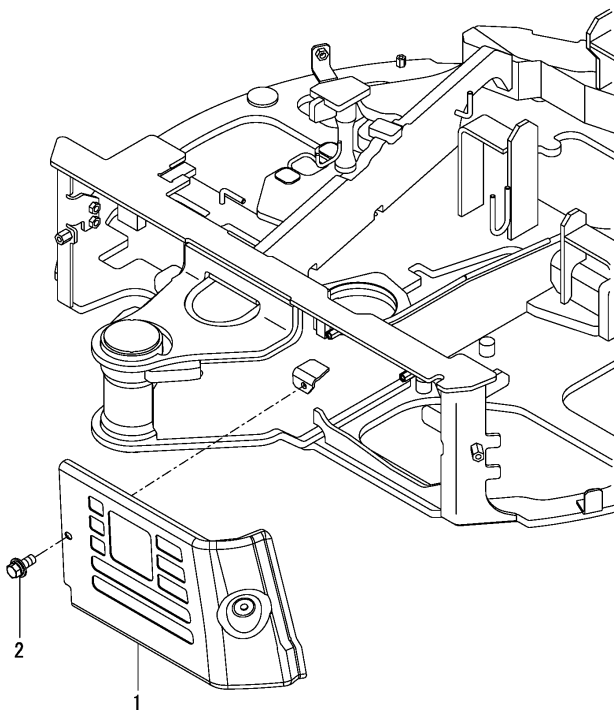
[illegible]

Fig.61. COVER(TURNING FRAME)(FRONT - RIGHT)

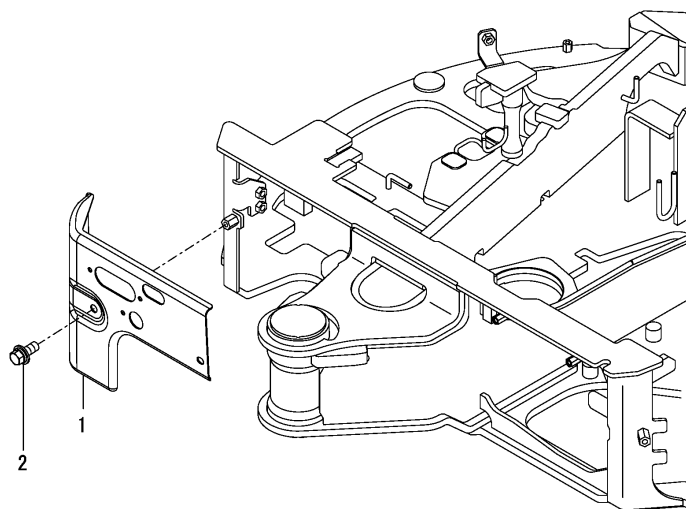
[illegible]

Fig.62. COVER(BOOM)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-61960	COVER ASSY,BOOM	1							
1-1	1	172B57-61960-1	COVER ASSY,BOOM	1						S	
(A=M64455)											
2	1	22117-080000	WASHER, 8	2							
3	1	26116-080162	BOLT, M8X 16 PLATED	2							

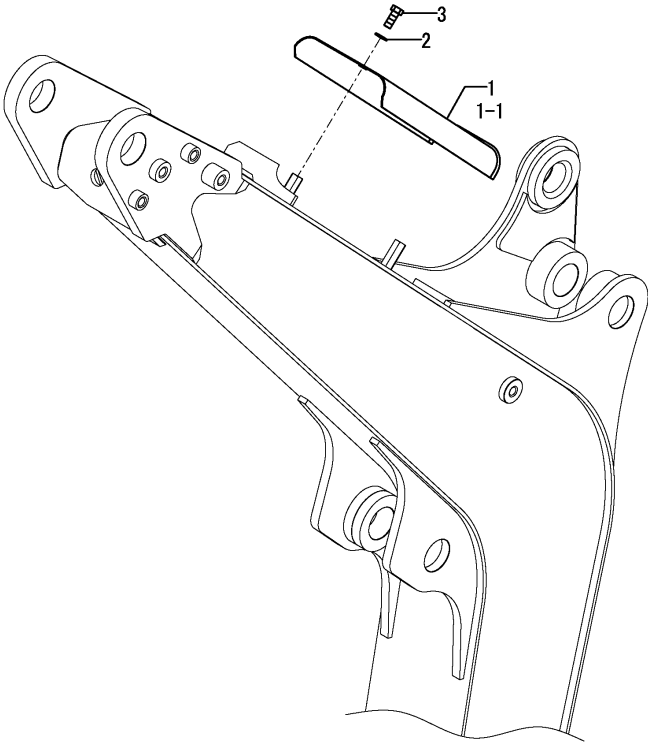
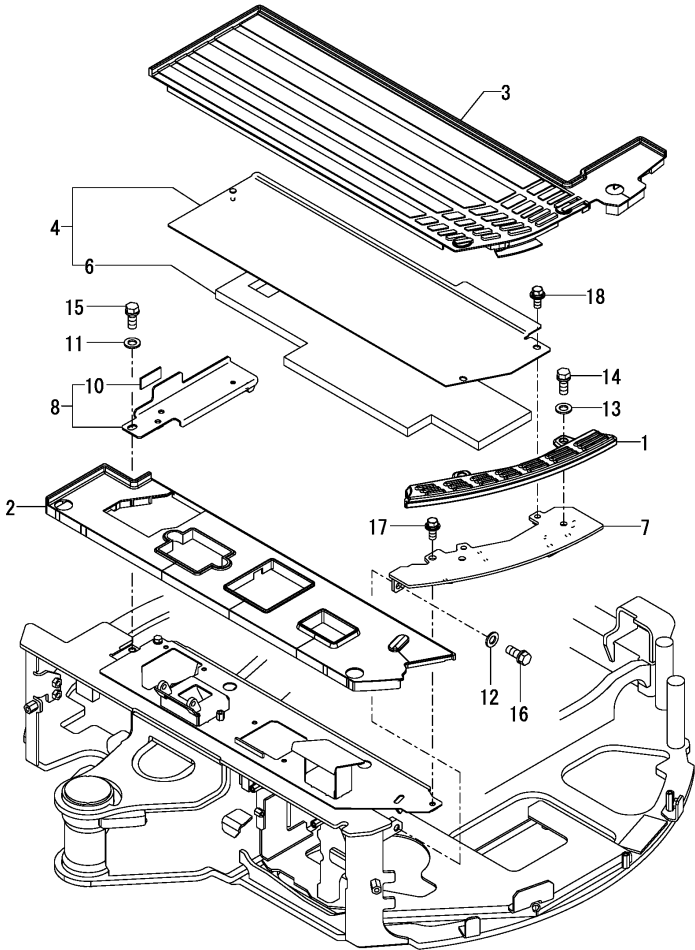


Fig.63. STEP

(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-62110-1	STEP, SIDE L	1							
2	1	172B16-62130	MAT, FLOOR B P	1							
3	1	172B16-62220	MAT, FLOOR A 2P	1							
4	1	172B57-62250	STEP ASSY, B	1							
6	2	172B57-62330	SPONGE, STEP	1							
7	1	172B57-62450	SUPPORT ASSY, STEP L	1							
8	1	172B57-62540	SUPPORT ASSY,STEP RP	1							
10	2	172B57-62590	RUBBER,FO C	1							
11	1	22137-120000	WASHER, 12	2							
12	1	22137-120000	WASHER, 12	2							
13	1	22137-120000	WASHER, 12	2							
14	1	26013-120302	BOLT, M12X 30	2							
15	1	26013-120302	BOLT, M12X 30	2							
16	1	26013-120302	BOLT, M12X 30	2							
17	1	26014-100202	BOLT, M10X 20	1							
18	1	26014-100252	BOLT, M10X 25	2							

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172519-63240	BOLT, M8X16	2							
2	1	172519-63240	BOLT, M8X16	2							
3	1	172B04-63610	COVER, LEVER L UP-S D	1							
4	1	172B03-63620	COVER, LEVER L LOW D	1							
5	1	172B57-63630	COVER, LEVER R-S	1							
6	1	172162-68370	BOLT, M8X12	1							
7	1	1A8060-84280	RIVET, PUSH	1							

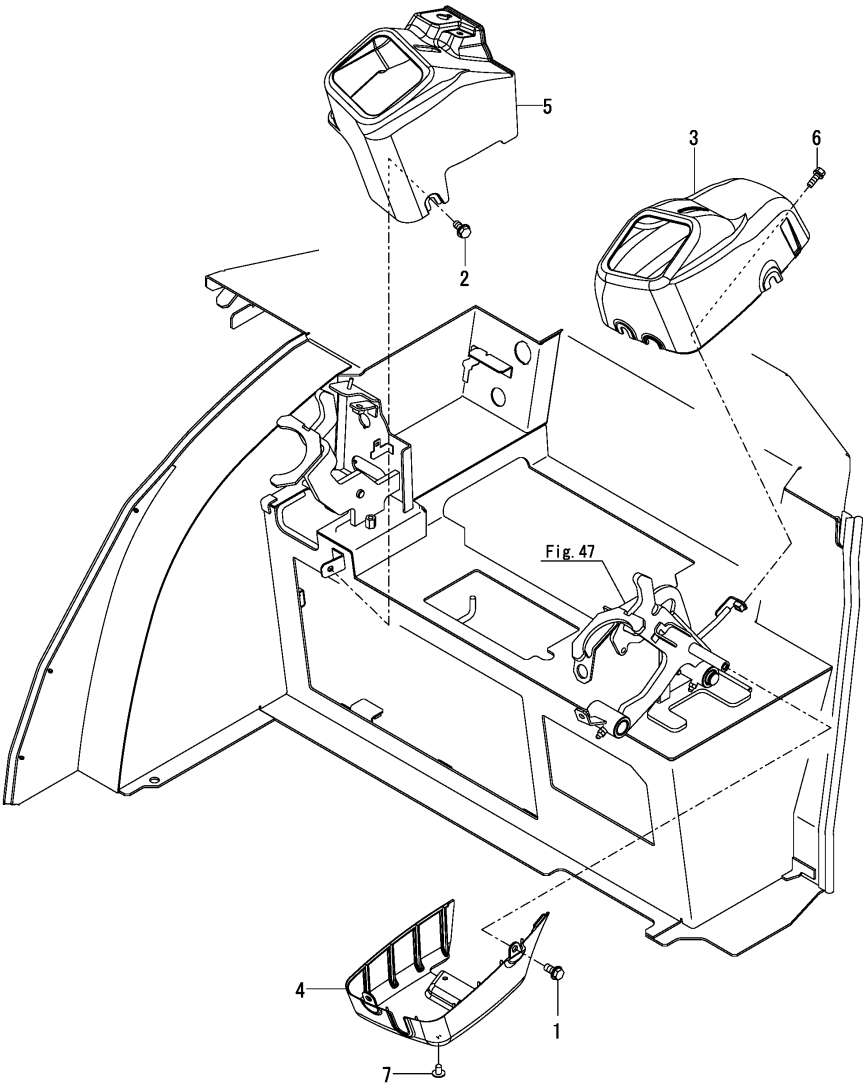
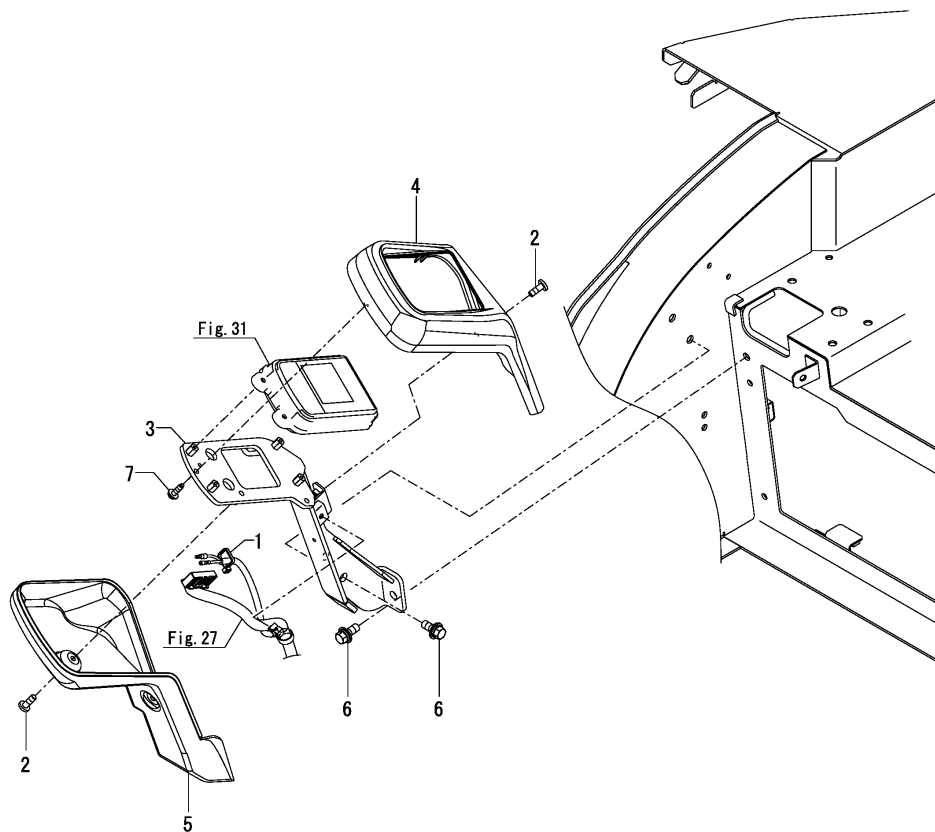


Fig.65. COVER(MONITOR)

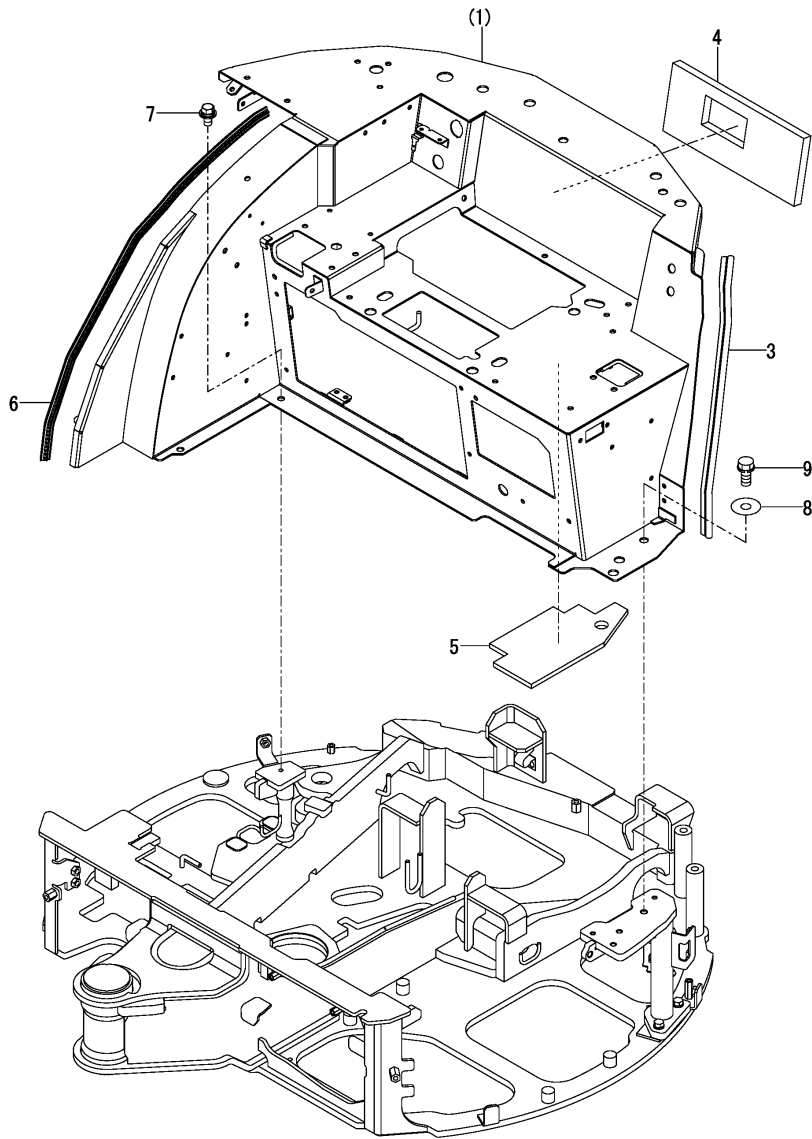


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172126-11510	BAND, BINDING 300	1							
2	1	172137-46210	SCREW, BIND	3							
3	1	172B57-63800	STAY ASSY, INPANE	1							
4	1	172B16-63930	COVER, PANEL UP-P D	1							
5	1	172B16-63940	COVER, PANEL LOW-P D	1							
6	1	26014-100252	BOLT, M10X 25	3							
7	1	26476-050142	SCREW, TAPPING M5X14	2							

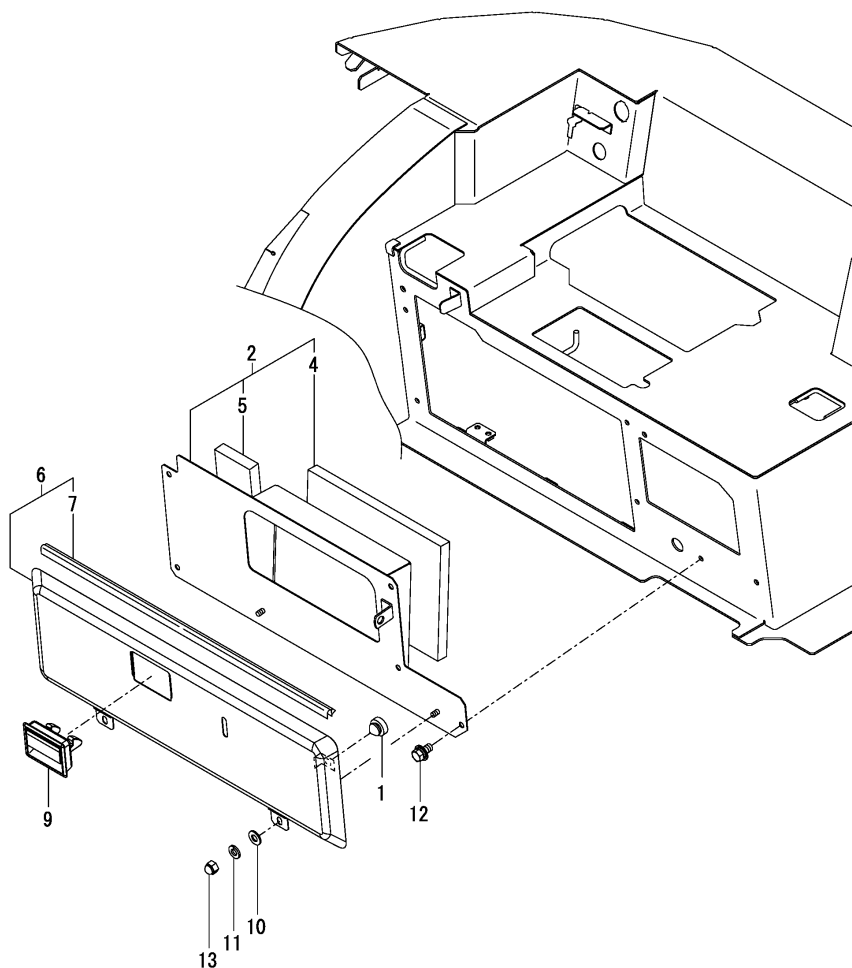
(A)=VIO20-6(KR)
(B)=
(C)=

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

1 inc. (1) to 6.



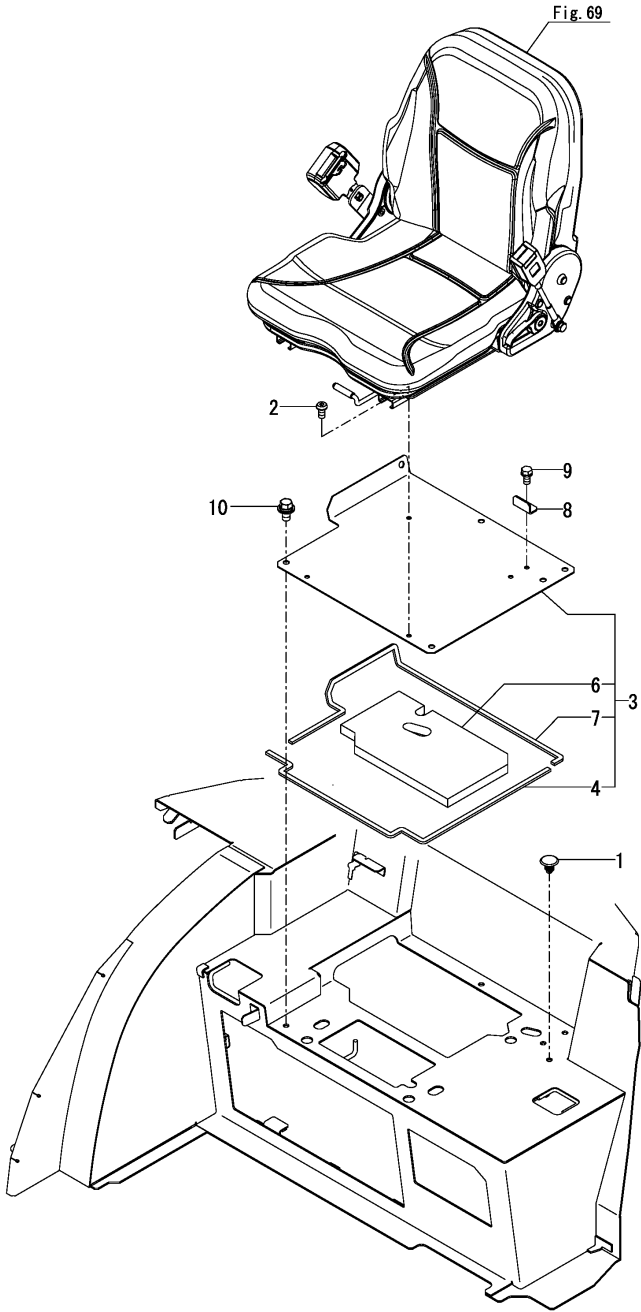
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-64200	MOUNT ASSY, SEAT	1							
3	2	172B57-64910	SEAL, 585	1							
4	2	172B57-64940	SPONGE, SEAT REAR	1							
5	2	172B57-64950	SPONGE, ENG	1							
6	2	172445-68850	RUBBER, SEAL 850	1							
7	1	26014-100202	BOLT, M10X 20	2							
8	1	22157-120000	WASHER, 12	1							
9	1	26013-120252	BOLT, M12X 25	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1N1730-61190	RUBBER, CONTACT	1							
2	1	172B16-64080	COVER ASSY, MANUAL A	1							
4	2	172B16-64180	SPONGE, COVER B	1							
5	2	172B16-64190	SPONGE, COVER A	1							
6	1	172B16-64160	COVER ASSY, MANUAL B	1							
7	2	172538-19730	RUBBER, SEAL 655	1							
9	1	172B02-69040	HANDLE, LOCK BLACK	1							
10	1	22137-080000	WASHER, 8	2							
11	1	22217-080000	WASHER, SPRING 8	2							
12	1	26014-080162	BOLT, M8X 16	5							
13	1	26657-080002	NUT, CAP M8	2							

(A)=VIO20-6(KR)
(B)=
(C)=

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

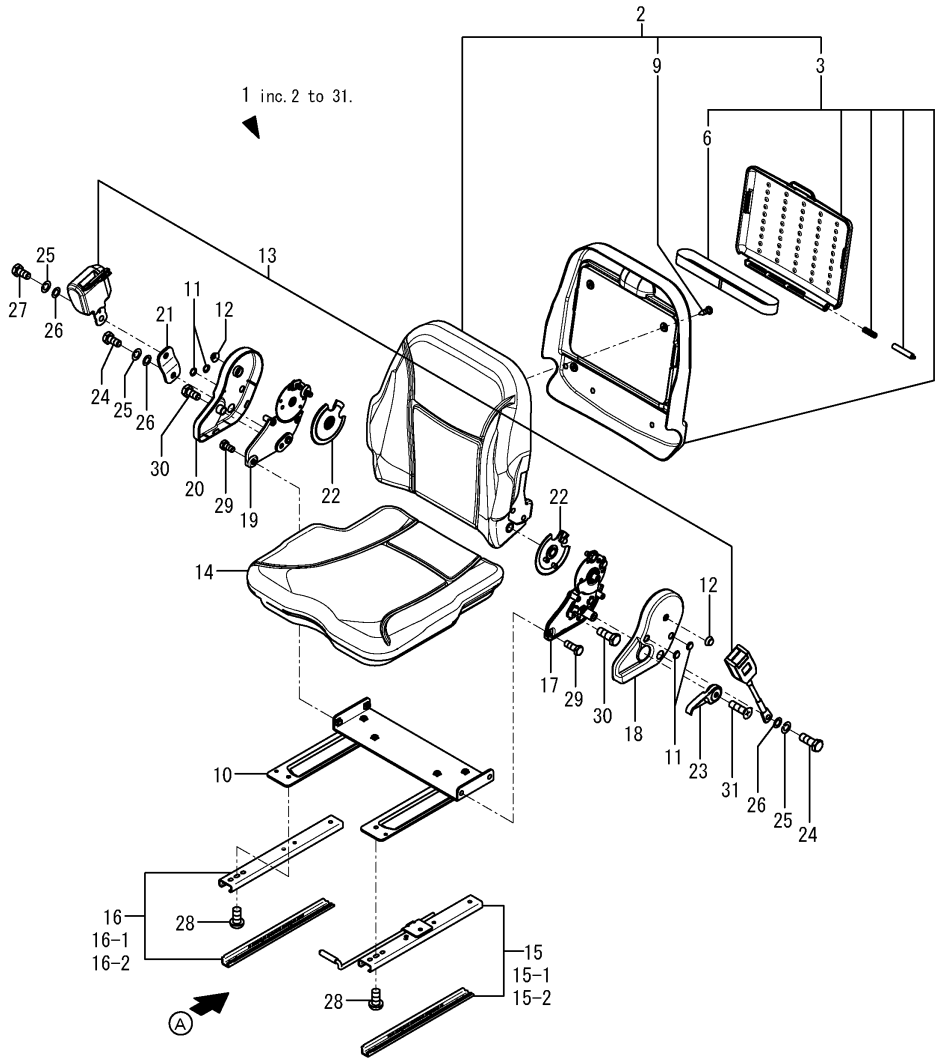


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	1							
2	1	172455-61710	BOLT, BUTTON 8X16	4							
3	1	172B57-64000	PLATE ASSY,SEAT	1							
4	2	172458-62290	SEAL, 820	1							
6	2	172B16-64031	SPONGE, SEAT A	1							
7	2	172B57-64920	SEAL, 900	1							
8	1	172B03-64960	PLATE, STOPPER	1							
9	1	26013-080162	BOLT, M8X 16	1							
10	1	26014-100202	BOLT, M10X 20	6							

Fig.69. SEAT

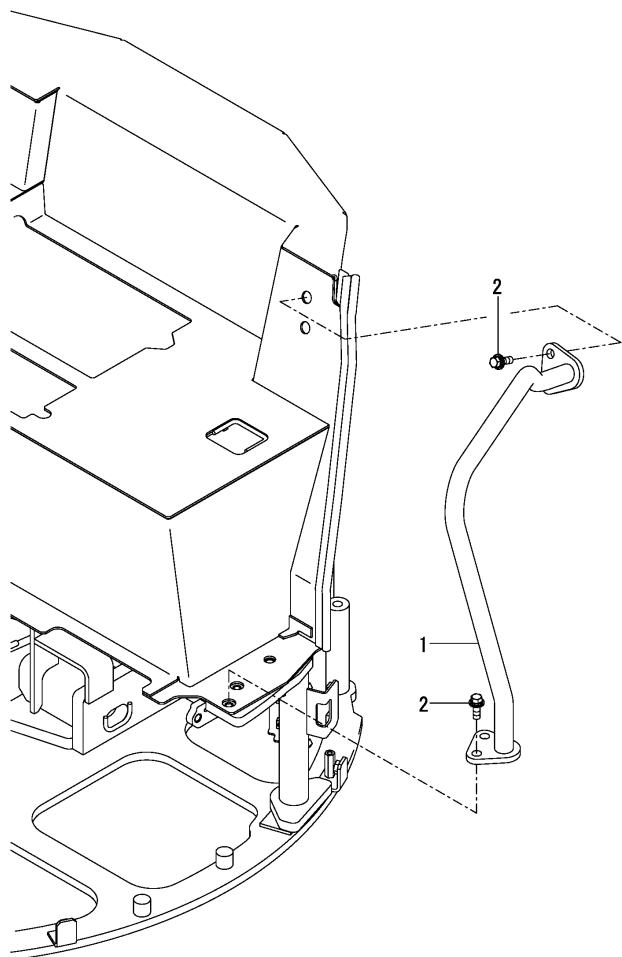
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-64200	SEAT ASSY, OPERATOR	1							
1-1	1	172B02-64201	SEAT ASSY	1						N	
(A=M65681)											
2	2	172B02-64210	SEAT ASSY, BACK	1							
3	3	172B02-64270	BOX ASSY,MANUAL	1							
6	4	172A89-64950	BAND	1							
9	3	22859-500200	SCREW, 5.0 X 20	4							
10	2	172B02-64230	BRACKET ASSY, SEAT	1							
11	2	172B02-64250	CAP, B	4							
12	2	172B02-64260	CAP, C	2							
13	2	172A89-64740	SEATBELT ASSY	1							
14	2	172A89-64780	SEAT, CUSHION	1							
15	2	172A89-64800	RAIL ASSY, TL	1							
15-1	2	172B02-64900	RAIL ASSY, L	1						S	
(A=M65681)											
15-2	2	172A89-64800	RAIL ASSY, TL	1						S	
(A=M65784)											
16	2	172A89-64810	RAIL ASSY, TR	1							
16-1	2	172B02-64910	RAIL ASSY, R	1						S	
(A=M65681)											
16-2	2	172A89-64810	RAIL ASSY, TR	1						S	
(A=M65784)											
17	2	172A89-64820	HINGE ASSY	1							
18	2	172A89-64830	COVER	1							
19	2	172A89-64840	HINGE ASSY	1							
20	2	172A89-64850	COVER	1							
21	2	172A89-64860	BRACKET ASSY	1							
22	2	172A89-64870	COVER	2							
23	2	172A89-64880	LEVER	1							
24	2	172A89-64890	BOLT	2							
25	2	172A89-64900	SPRING	3							
26	2	172A89-64910	WASHER	3							
27	2	172A89-64920	BOLT	1							
28	2	26106-080252	BOLT, M8X 25 PLATED	4							
29	2	26106-100162	BOLT, M10X 16 PLATED	6							
30	2	26106-100252	BOLT, M10X 25 PLATED	2							
31	2	26559-050202	SCREW, M5X20	1							

Fig.70. HANDRAIL(LEFT)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-63500	HANDRAIL ASSY,L	1							
2	1	26014-100302	BOLT. M10X 30	4							

Fig.71. HANDRAIL(RIGHT)

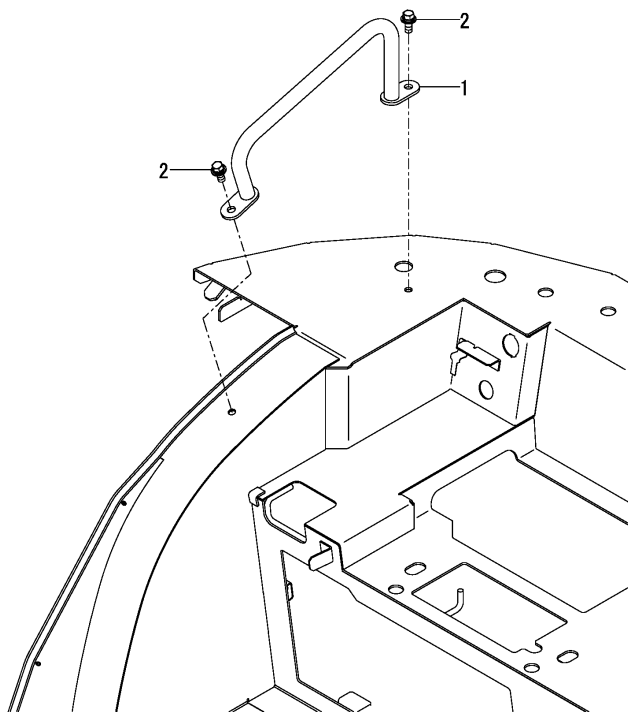
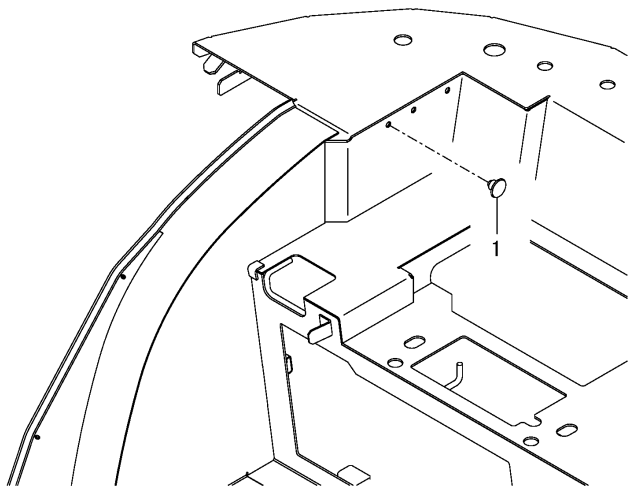
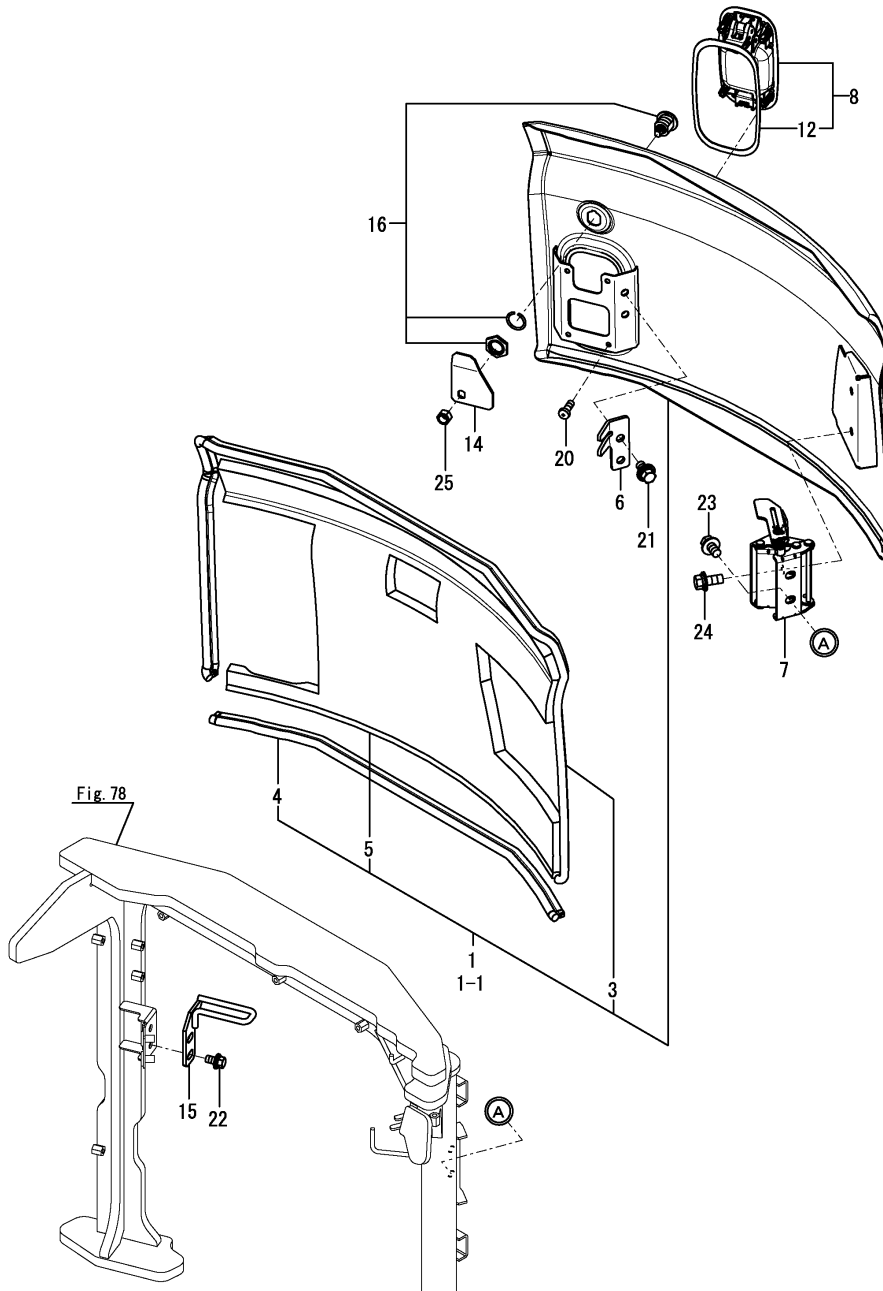
[illegible]

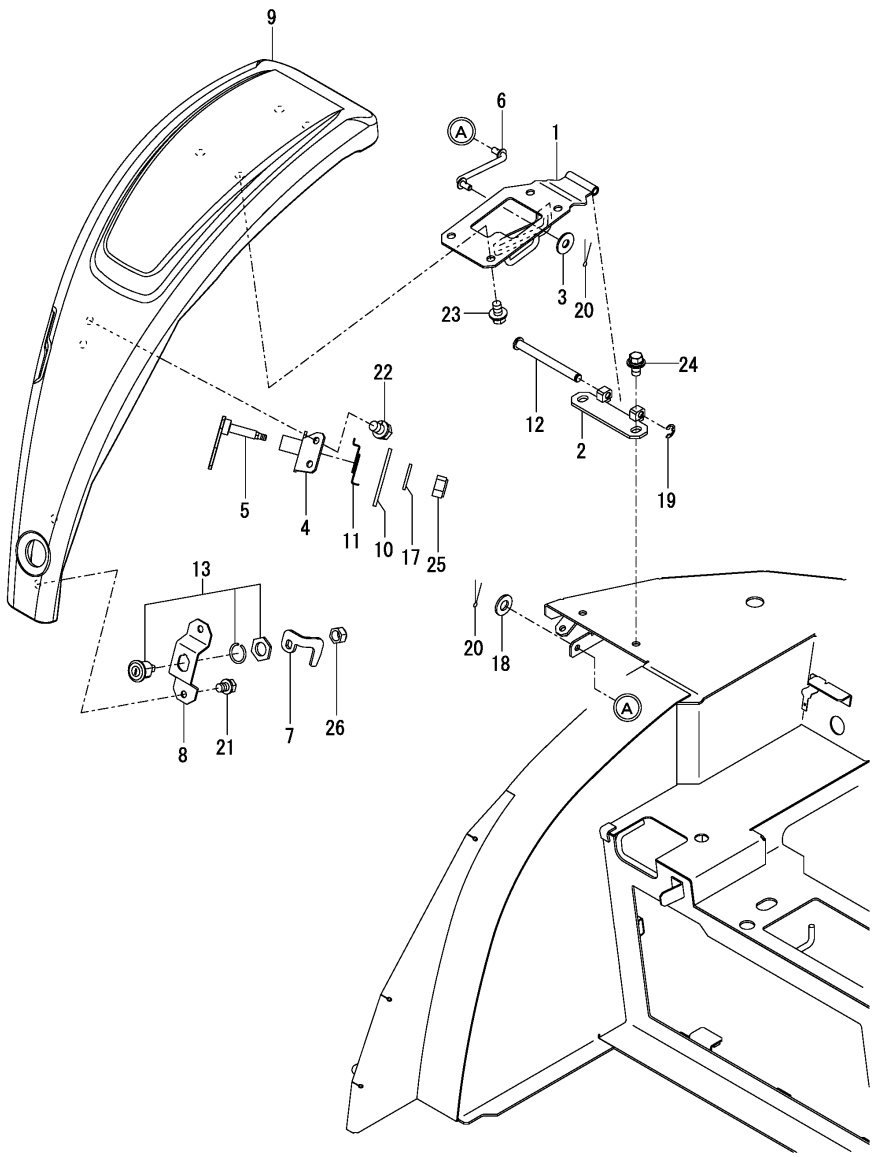
Fig.72. PLUG(SEAT MOUNT)

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-65100	BONNET ASSY,A-Y	1							
1-1	1	172B57-65100-1	BONNET ASSY,A-Y	1							S
		(A=M64455)									
3	2	172B03-65320	SEAL, 1625	1							
4	2	172B03-65330	SEAL, 735	1							
5	2	172B16-65340	SPONGE, BONNET A	1							
6	1	172B16-65170	GUIDE, BONNET	1							
7	1	172B57-65200	HINGE ASSY,BON-A	1							
8	1	172B03-65310	HANDLE, LOCK	1							
8-1	1	172B82-65310	HANDLE ASSY, LOCK A	1							R
		(A=*2024.10)									
12	2	172B02-65350	SEAL	1							Z
		(A=*2024.10)									
14	1	172B03-65391	PLATE, KEY LOCK	1							
15	1	172B57-65880	CATCH ASSY,BON.A	1							
16	1	172B03-66170	CYLINDER ASSY, KEY	1							
20	1	22857-600160	SCREW, 6X16	4							
21	1	26014-100202	BOLT, M10X 20	2							
22	1	26014-100202	BOLT, M10X 20	2							
23	1	26014-100202	BOLT, M10X 20	2							
24	1	26014-100202	BOLT, M10X 20	2							
25	1	26347-100002	NUT, M10	1							

Fig.74. BONNET(FRONT)

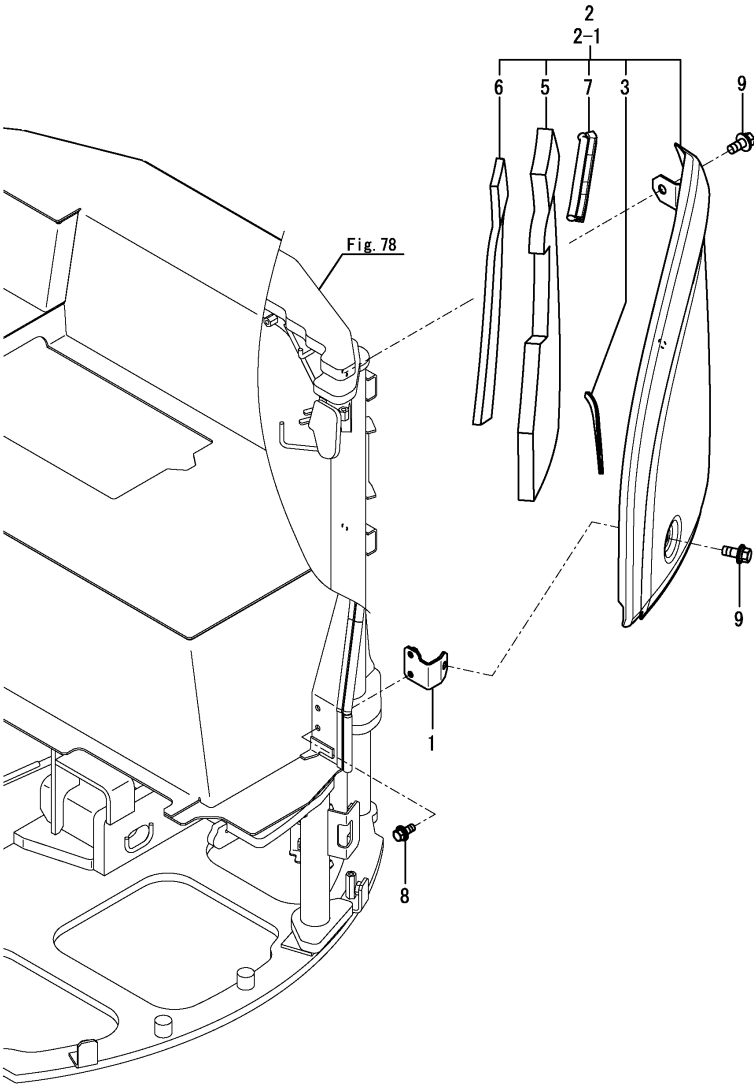


(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-61900	PLATE ASSY, HINGE	1							
2	1	172B57-61940	HINGE ASSY, COVER B	1							
3	1	1A1380-62160	WASHER, BELT COVER	1							
4	1	172B04-62300	HOOK ASSY,OPEN/CLOSE	1							
5	1	172A69-62510	LEVER ASSY	1							
6	1	172444-65190	ROD ASSY, STOPPER	1							
7	1	172B57-65220	STAY,KEY	1							
8	1	172B57-65230	LOCK,PLATE	1							
9	1	172B57-65410	BONNET, B BLACK	1							
10	1	172B57-65430	PLATE,LOCK	1							
11	1	172156-65690	SPRING, STOPPER	1							
12	1	172B16-65970	SHAFT ASSY, HINGE	1							
13	1	172B03-66170	CYLINDER ASSY, KEY	1							
17	1	22137-080000	WASHER, 8	1							
18	1	22137-080000	WASHER, 8	1							
19	1	22272-000070	RING, E- 7	1							
20	1	22417-200200	PIN, COTTER 2.0X20	2							
21	1	26013-080122	BOLT, M8X 12	2							
22	1	26013-080122	BOLT, M8X 12	2							
23	1	26014-100202	BOLT, M10X 20	4							
24	1	26014-100202	BOLT, M10X 20	2							
25	1	26347-080002	NUT, M8	1							
26	1	26347-100002	NUT, M10	1							

Fig.75. BONNET(LEFT)



(A)=VIO20-6(KR)
(B)=
(C)=

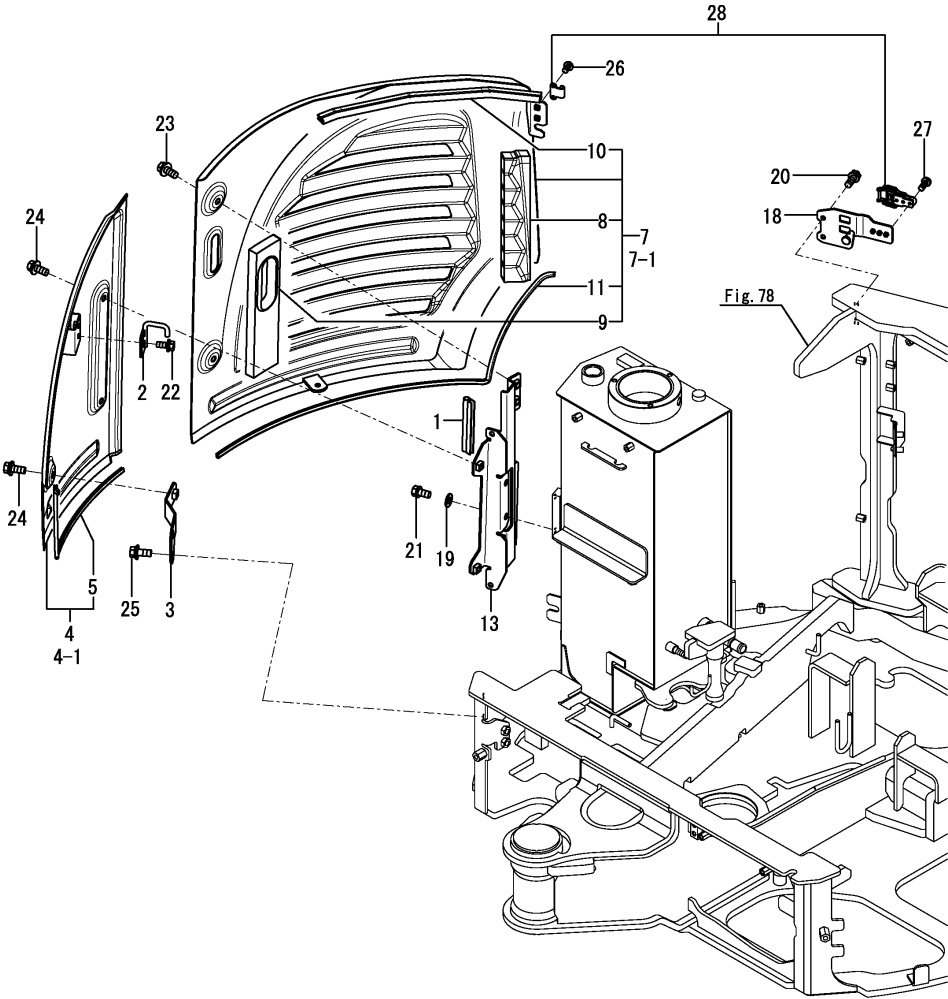
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-64970	STAY ASSY, BON L	1							
2	1	172B57-65600	BONNET ASSY, L	1							
2-1	1	172B57-65600-1	BONNET ASSY, L	1							S
(A=M64455)											
3	2	172444-17620	SEAL, 125	1							
5	2	172B57-65650	SPONGE, A BONNET L	1							
6	2	172B57-65660	SPONGE, B BONNET L	1							
7	2	172B57-65670	SEAL, 200	1							
8	1	26014-080202	BOLT, M8X 20	2							
9	1	26014-100252	BOLT, M10X 25	3							

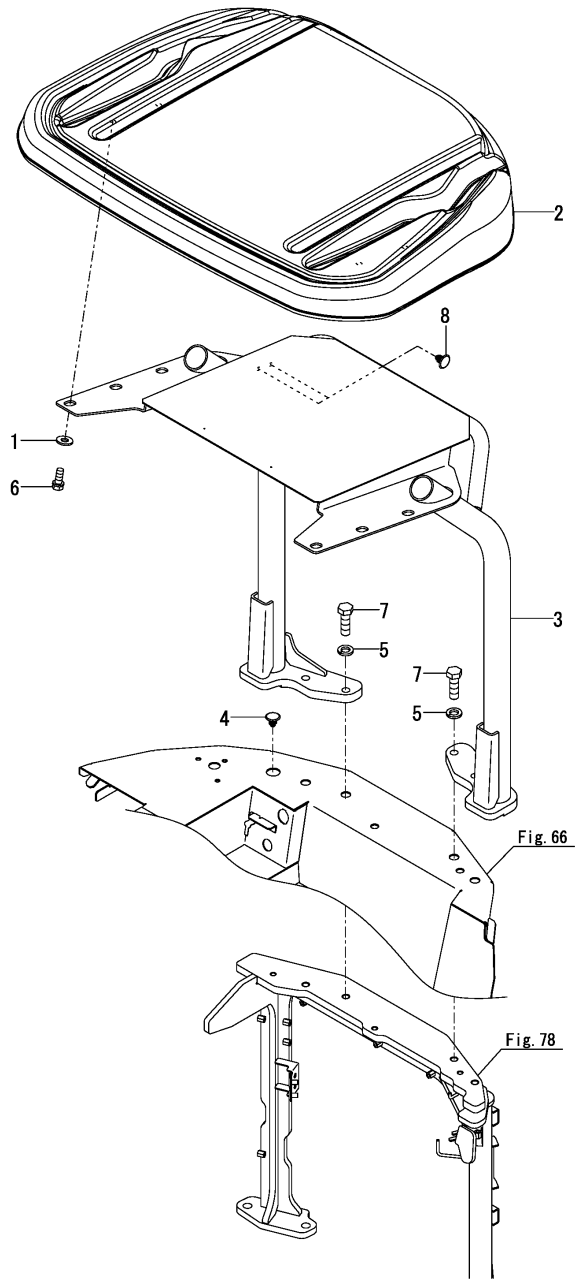
Fig.76. BONNET(RIGHT)

(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A20-49180	SEAL, 125	1							
2	1	172B57-61871	CATCH ASSY,COVER B	1							
3	1	172B57-65451	STAY ASSY,BON.R FR	1							
4	1	172B57-65800	BONNET ASSY,R FR	1							
4-1	1	172B57-65800-1	BONNET ASSY,R FR	1							S
(A=M64455)											
5	2	172B57-65540	SEAL,545	1							
7	1	172B57-65831	BONNET ASSY,R RR	1							
7-1	1	172B57-65831-1	BONNET ASSY,R RR	1							S
(A=M64455)											
8	2	172B57-65500	SEAL,D BONNET R	1							
9	2	172B57-65510	SEAL,E BONNET R	1							
10	2	172B57-65530	SEAL,450	1							
11	2	172B57-65550	SEAL,915	1							
13	1	172B57-65950	HINGE ASSY, BON. R	1							
18	1	172B57-67451	BRACKET ASSY,BON-R	1							
19	1	22137-100000	WASHER, 10	2							
20	1	26013-080202	BOLT, M8X 20	2							
21	1	26013-100202	BOLT, M10X 20	2							
22	1	26014-080202	BOLT, M8X 20	2							
23	1	26014-100252	BOLT, M10X 25	2							
24	1	26014-100252	BOLT, M10X 25	3							
25	1	26014-100252	BOLT, M10X 25	2							
26	1	26557-050082	SCREW, M5X 8	2							
27	1	26557-050082	SCREW, M5X 8	3							
28	1	933171-18750	CLIP, CATCH	1							



(A)=VIO20-6(KR)
(B)=
(C)=

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

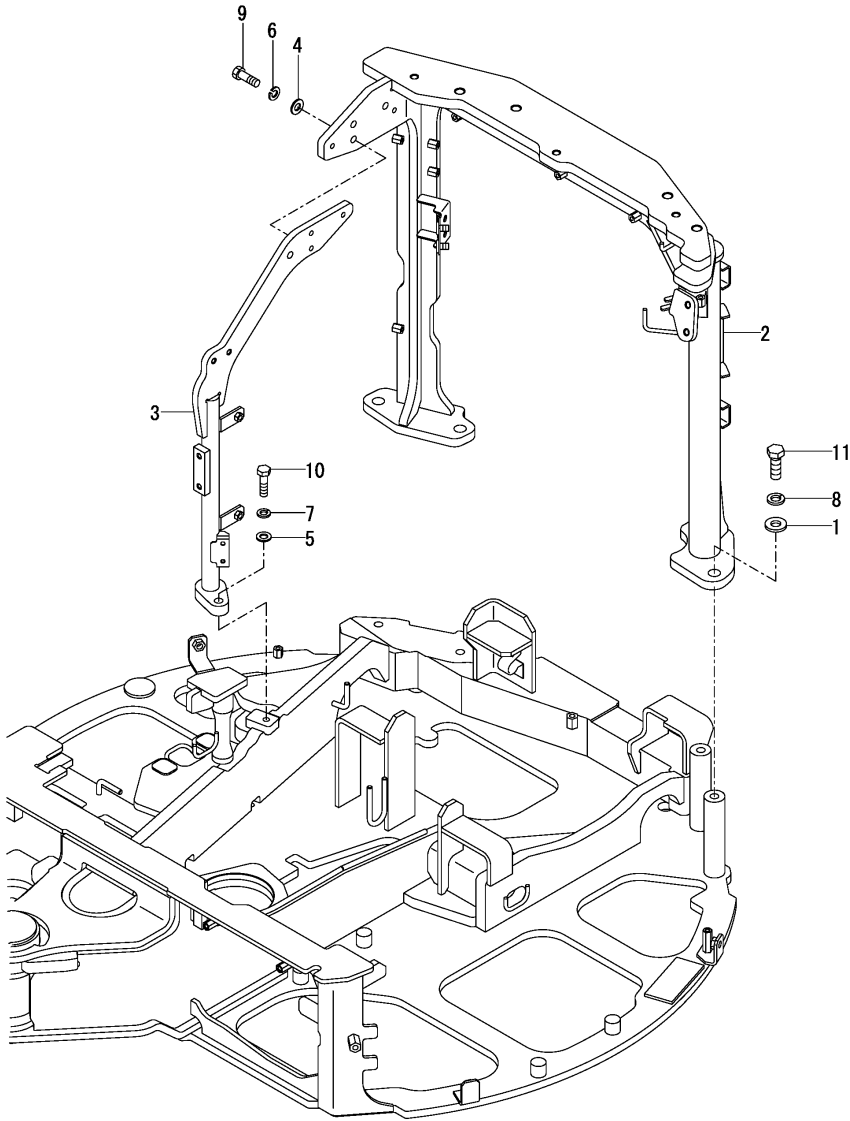
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER, 12	6							
2	1	172B16-67000	ROOF ASSY, CANOPY D	1							
3	1	172B16-67150	CANOPY ASSY, GUARD	1							
4	1	172176-68210	CLIP, TREE D25XL15	1							
5	1	22217-160000	WASHER, SPRING 16	4							
6	1	26013-120302	BOLT, M12X 30	6							
7	1	26076-160502	BOLT, 10.916X 50	4							
8	1	172122-17190	CLIP, TREE	2							

Fig.78. CANOPY MOUNT

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-53500	WASHER, 16.5X35	4							
2	1	172B57-67510	MOUNT ASSY, A CANOPY	1							
3	1	172B57-67810	MOUNT ASSY, B CANOPY	1							
4	1	22137-100000	WASHER, 10	3							
5	1	22137-120000	WASHER, 12	1							
6	1	22217-100000	WASHER, SPRING 10	3							
7	1	22217-120000	WASHER, SPRING 12	1							
8	1	22217-160000	WASHER, SPRING 16	4							
9	1	26076-100302	BOLT, 10.910X 30	3							
10	1	26076-120452	BOLT, 10.912X 45	1							
11	1	26116-160452	BOLT, M16X 45 PLATED	4							



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101-4	COVER, FLYWHEEL	1							
2	1	26013-100302	BOLT, M10X 30	8							

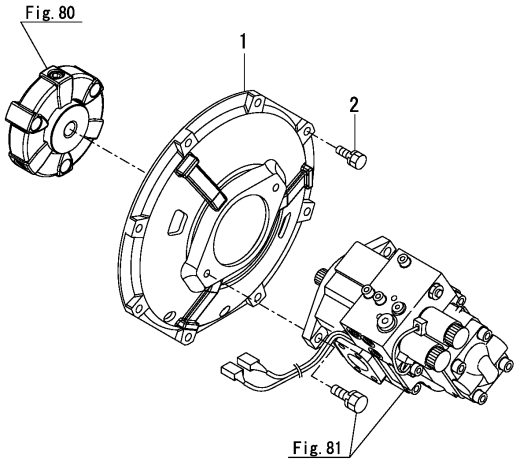


Fig.80. COUPLING

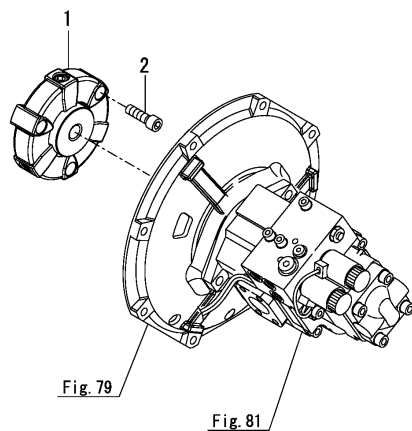
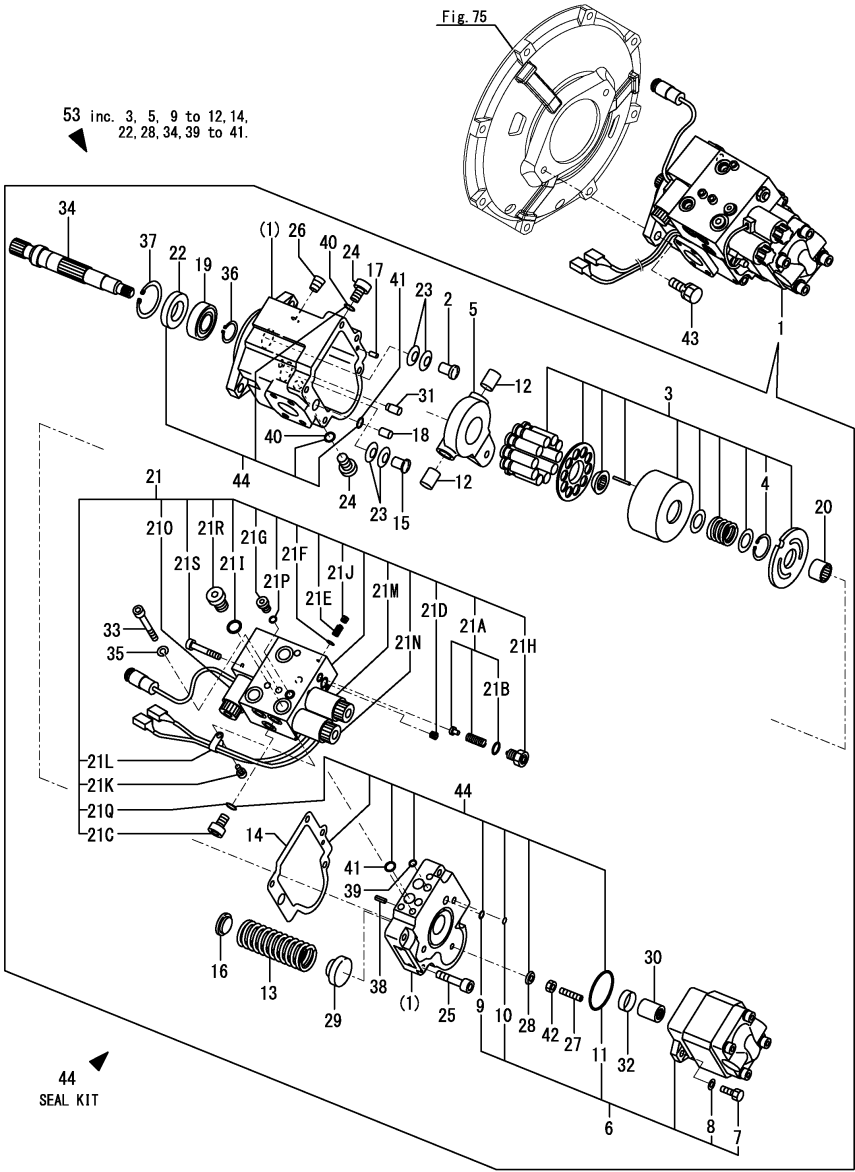
[illegible]

Fig.81. HYDRAULIC PUMP



(A)=VIO20-6(KR)
(B)=
(C)=

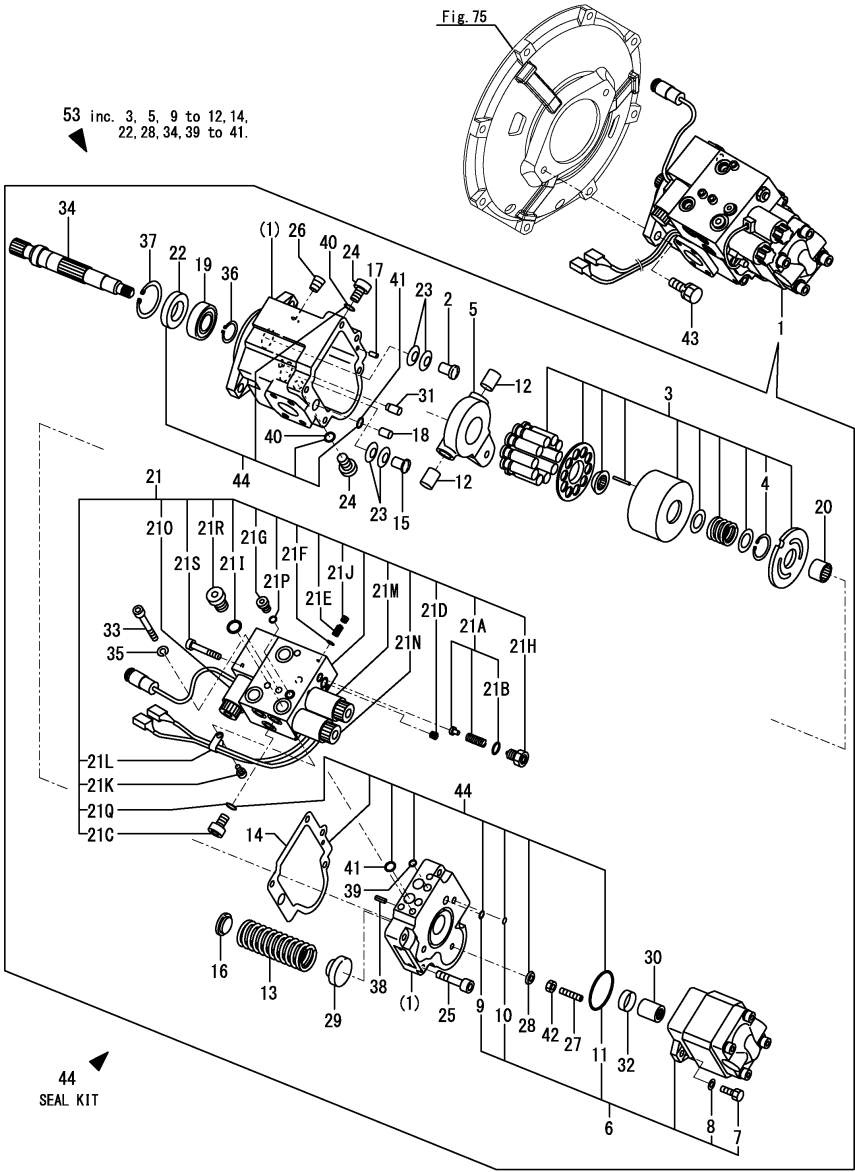
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A30-73100	PUMP ASSY, Q	1							
2	2	172450-73110	PIN,STOPPER	1							
3	2	172A23-73110	BARREL KIT, CYLINDER	1							
4	3	172448-73190	SNAP RING	1							
5	2	172422-73140	PLATE, SWASH	1							
6	2	172A23-73140	PUMP ASSY, GEAR	1							
7	3	172450-73120	BOLT, HEXAGON 8X25	2							
8	3	172450-73130	WASHER	2							
9	3	24315-000070	O-RING, 1BP7.0	1							
10	3	24315-000080	O-RING, 1BP8.0	1							
11	3	24325-000550	O-RING, 1BG55.0	1							
12	2	172422-73160	PIN, SWING	2							
13	2	172A23-73160	SPRING, T1	1							
14	2	172422-73170	GASKET	1							
15	2	172448-73180	PIN A,STOPPER	1							
16	2	172422-73200	HOLDER	1							
17	2	172422-73220	PIN	1							
18	2	172422-73280	PIN	1							
19	2	172422-73290	BEARING, BALL	1							
20	2	172422-73500	BEARING, NEEDLE	1							
21	2	172A30-73500	VALVE KIT, SOL	1							
21A	3	172A64-73280	RELIEF KIT	1							
21B	4	24315-000100	O-RING, 1BP10.0	1							
21C	3	172422-73530	PLUG	1							
21D	3	172422-73550	PLUG	8							
21E	3	172422-73620	SPRING	1							
21F	3	172422-73630	FILTER, COIN	1							
21G	3	172458-73630	PLUG	1							
21H	3	172422-73640	ADJUSTER KIT	1							
21I	3	172458-73640	PLUG	1							
21J	3	172422-73650	PLUG	2							
21K	3	172422-73660	BOLT, HEX SOCKET	1							
21L	3	172422-73670	BAND, BANDING	1							
21M	3	172458-73680	VALVE, SC	1							1
21N	3	172458-73690	VALVE, SC	1							2
21O	3	172458-73790	VALVE, SOLENOID	1							3
21P	3	24315-000080	O-RING, 1BP8.0	1							
21Q	3	24315-000110	O-RING, 1BP11.0	1							
21R	3	24315-000140	O-RING, 1BP14.0	1							
21S	3	26450-050452	BOLT, M5X 45	4							
22	2	172422-73510	SEAL, OIL	1							
23	2	172422-73520	SPRING	4							
24	2	172422-73530	PLUG	2							
25	2	172422-73540	BOLT, HEX SOCKET	5							
26	2	172422-73550	PLUG	5							
27	2	172422-73560	SCREW, HEX. SOCKET	1							
28	2	172422-73570	WASHER, SEAL	1							
29	2	172458-73570	GUIDE, SPRING	1							
30	2	172422-73580	COUPLING	1							
31	2	172458-73580	ROD, G	1							
32	2	172422-73590	COLLAR	1							

Remarks

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

Fig.81. HYDRAULIC PUMP



(A)=VIO20-6(KR)
(B)=
(C)=

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

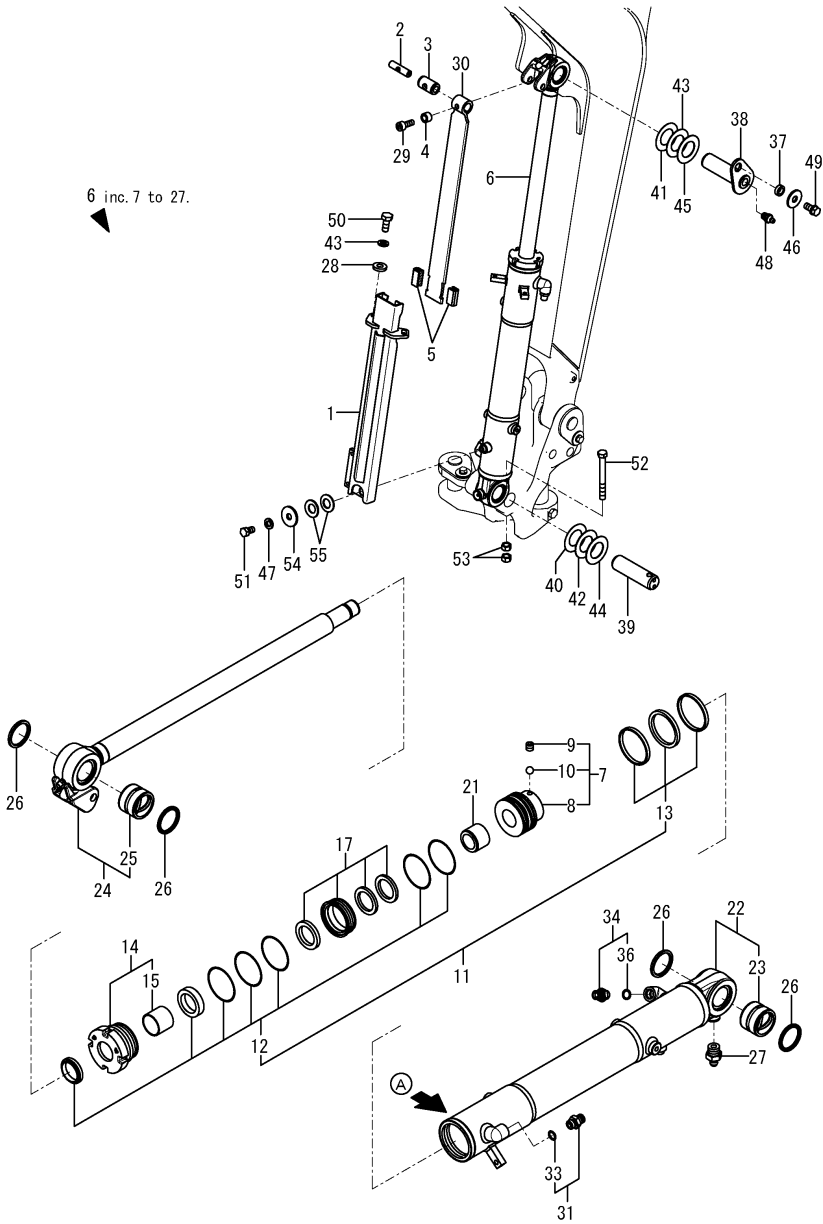
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
33	2	172422-73610	BOLT, HEX SOCKET	3							
34	2	172458-73660	SHAFT	1							
35	2	22212-080000	WASHER 8	3							
36	2	22242-000250	RING, 25	1							
37	2	22252-000520	RING, 52	1							
38	2	22351-060016	PIN, SPRING 6.0X16	1							
39	2	24315-000080	O-RING, 1BP8.0	1							
40	2	24315-000110	O-RING, 1BP11.0	2							
41	2	24315-000120	O-RING, 1BP12.0	3							
42	2	26711-080002	NUT, M8	1							
43	1	26013-120302	BOLT, M12X 30	2							
44	1	172A23-73131	SEAL KIT,PUMP	1							
53	1	172B57-73800	REPAIR KIT, PVD20	1							

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

Fig.82. BOOM CYLINDER(TO M66175)

(A)=VIO20-6(KR)
(B)=
(C)=

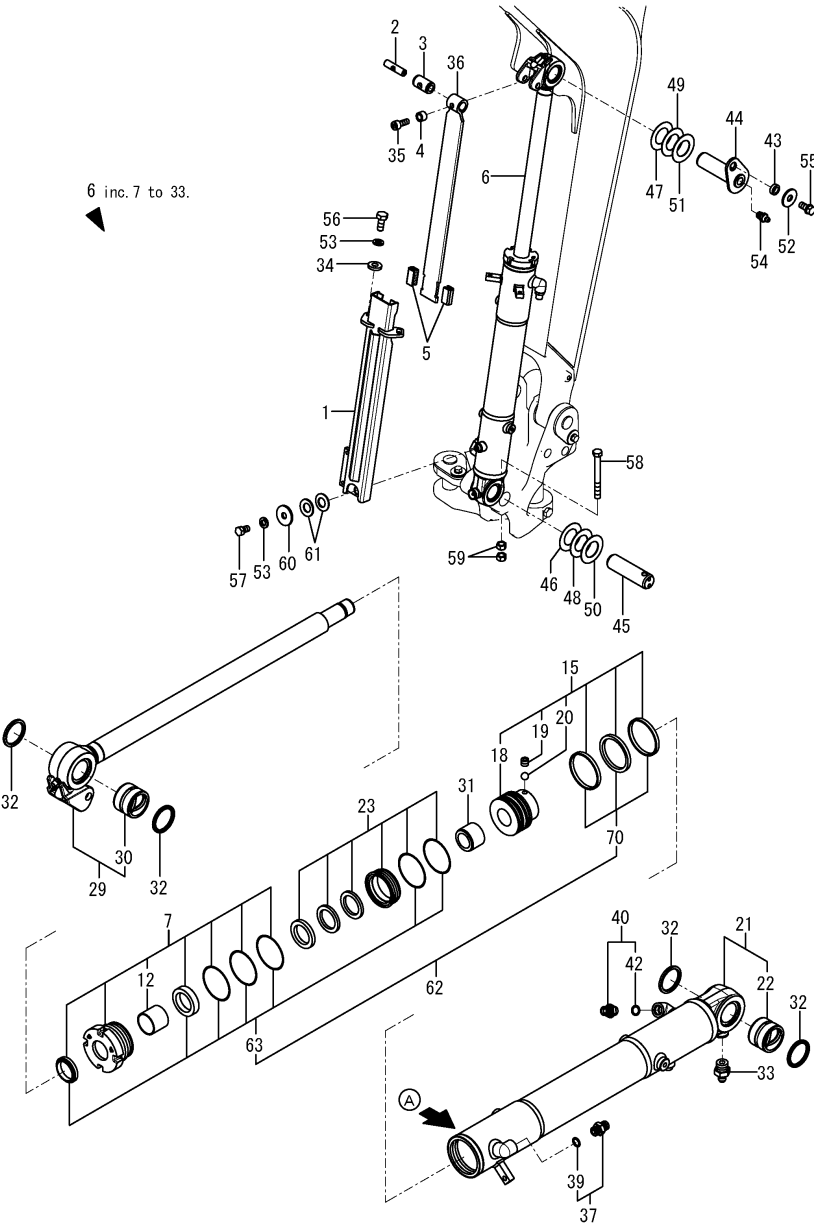
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-71900	GUIDE ASSY, 595	1							
2	1	172A23-72043	SHAFT, 14X53	1							
3	1	172A23-72052	GROMMET	1							
4	1	172A46-72070	SPACER	1							
5	1	172A23-72081	GUIDE, SLIDE	2							
6	1	172B57-72100	CYLINDER ASSY,BOOM P	1						Z	1
(A=M66176)											
7	2	172A23-71470	PISTON ASSY	1							
8	3	172A23-71480	PISTON	1							
9	3	172A79-72870	SCREW, M8	1							
10	3	24190-070002	BALL, STEEL 7/32	1							
11	2	172B57-72010	SEAL KIT, CYL70X40	1							
12	3	172B57-72280	SEAL SET, HEAD 70X40	1							
13	3	172B04-72690	SEAL SET, PISTON 70	1							
14	2	172B57-72130	HEAD ASSY, 70 40	1							
15	3	172A23-71460	BEARING, SLEEVE	1							
17	2	172B57-72150	HOLDER ASSY	1							
21	2	172B57-72230	CUSHION,BEARING	1							
22	2	172B57-72110	TUBE ASSY, BOOM	1							
23	3	172A23-70120	BUSH, PIN 40	1							
24	2	172B57-72200	ROD ASSY, BOOM	1							
25	3	172A23-70120	BUSH, PIN 40	1							
26	2	172B05-72440	SEAL, DUST 40	4							
27	2	24761-020000	NIPPLE, GREASE PT1/8	1							
28	1	172A79-72570	WASHER, 10.5X24X4.5	2							
29	1	172A47-72840	BOLT, M6X16	1							
30	1	172A23-72951-N	PLATE, SLIDE 585	1							
31	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
33	2	24319-000140	PACKING,HNBR-90 P 14	1							
34	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
36	2	24319-000140	PACKING,HNBR-90 P 14	1							
37	1	172164-81670	SPACER	1							
38	1	172B57-81800	PIN ASSY,40X133	1							
39	1	172456-82361	PIN, 40X124	1							
40	1	172165-82580	SHIM, 40X75X0.5	1							
41	1	172165-82580	SHIM, 40X75X0.5	1							
42	1	172165-82590	SHIM, 40X75X1.2	1							
43	1	172165-82590	SHIM, 40X75X1.2	1							
44	1	172165-82600	SHIM, 40X75X1.6	1							
45	1	172165-82600	SHIM, 40X75X1.6	1							
46	1	22157-120000	WASHER, 12	1							
47	1	22217-100000	WASHER, SPRING 10	3							
48	1	24761-020000	NIPPLE, GREASE PT1/8	1							
49	1	26013-120252	BOLT, M12X 25	1							
50	1	26076-100252	BOLT, 10.910X 25	2							
51	1	26116-100162	BOLT, M10X 16 PLATED	1							
52	1	26116-121102	BOLT, M12X110 PLATED	1							
53	1	26716-120002	NUT, M12	2							
54	1	933147-03400	WASHER, BRAKE ARM	1							
55	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(172B57-72100).
Interchangeable by Fig.131(82A) No.6 The inner parts are not compatible.

Fig.131. (82A)BOOM CYLINDER(FROM M66176)



(A)=VIO20-6(KR)
(B)=
(C)=

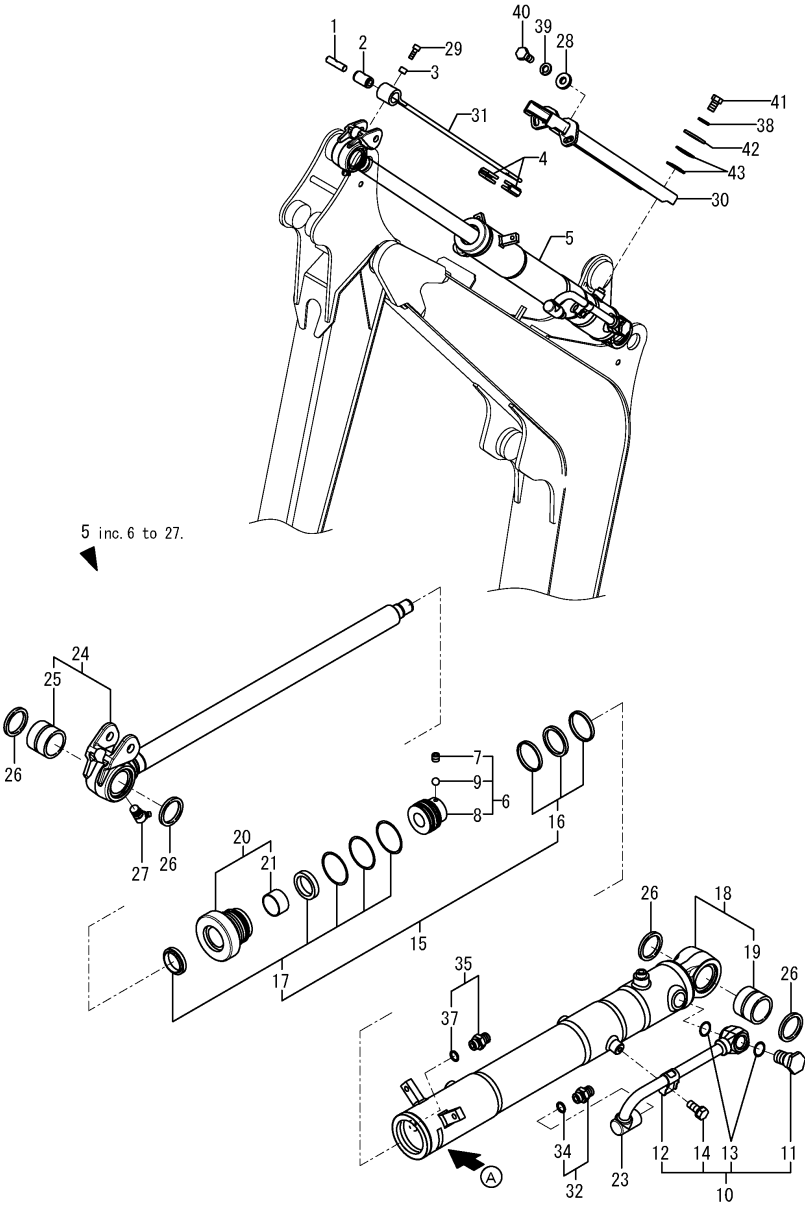
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-71900	GUIDE ASSY, 595	1							
2	1	172A23-72043	SHAFT, 14X53	1							
3	1	172A23-72052	GROMMET	1							
4	1	172A46-72070	SPACER	1							
5	1	172A23-72081	GUIDE, SLIDE	2							
6	1	172B57-72101	CYLINDER ASSY,BOOM P	1						W	1
(A=M66176)											
7	2	172B57-70600	HEAD ASSY, 70 40	1							
12	3	172A23-71460	BEARING, SLEEVE	1							
15	2	172A23-71470	PISTON ASSY	1							
18	3	172A23-71480	PISTON	1							
19	3	172A79-72870	SCREW, M8	1							
20	3	24190-070002	BALL, STEEL 7/32	1							
21	2	172B57-72110	TUBE ASSY, BOOM	1							
22	3	172A23-70120	BUSH, PIN 40	1							
23	2	172B57-72150	HOLDER ASSY	1							
29	2	172B57-72200	ROD ASSY, BOOM	1							
30	3	172A23-70120	BUSH, PIN 40	1							
31	2	172B57-72230	CUSHION, BEARING	1							
32	2	172B05-72440	SEAL, DUST 40	4							
33	2	24761-020000	NIPPLE, GREASE PT1/8	1							
34	1	172A79-72570	WASHER, 10.5X24X4.5	2							
35	1	172A47-72840	BOLT, M6X16	1							
36	1	172A23-72951-N	PLATE, SLIDE 585	1							
37	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
39	2	24319-000140	PACKING, HNBR-90 P 14	1							
40	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
42	2	24319-000140	PACKING, HNBR-90 P 14	1							
43	1	172164-81670	SPACER	1							
44	1	172B57-81800	PIN ASSY, 40X133	1							
45	1	172456-82361	PIN, 40X124	1							
46	1	172165-82580	SHIM, 40X75X0.5	1							
47	1	172165-82580	SHIM, 40X75X0.5	1							
48	1	172165-82590	SHIM, 40X75X1.2	1							
49	1	172165-82590	SHIM, 40X75X1.2	1							
50	1	172165-82600	SHIM, 40X75X1.6	1							
51	1	172165-82600	SHIM, 40X75X1.6	1							
52	1	22157-120000	WASHER, 12	1							
53	1	22217-100000	WASHER, SPRING 10	3							
54	1	24761-020000	NIPPLE, GREASE PT1/8	1							
55	1	26013-120252	BOLT, M12X 25	1							
56	1	26076-100252	BOLT, 10.910X 25	2							
57	1	26116-100162	BOLT, M10X 16 PLATED	1							
58	1	26116-121102	BOLT, M12X110 PLATED	1							
59	1	26716-120002	NUT, M12	2							
60	1	933147-03400	WASHER, BRAKE ARM	1							
61	1	933168-14170	SPRING, 16	2							
62	1	172B57-70660	SEAL KIT, CYL70X40	1							2
63	2	172B57-70690	SEAL SET, HEAD 70X40	1							
70	2	172B04-72690	SEAL SET, PISTON 70	1							

Remarks
(1)A : There is serial No.(172B57-72101).
(2)Spare parts.

(A)=VIO20-6(KR)
(B)=
(C)=

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



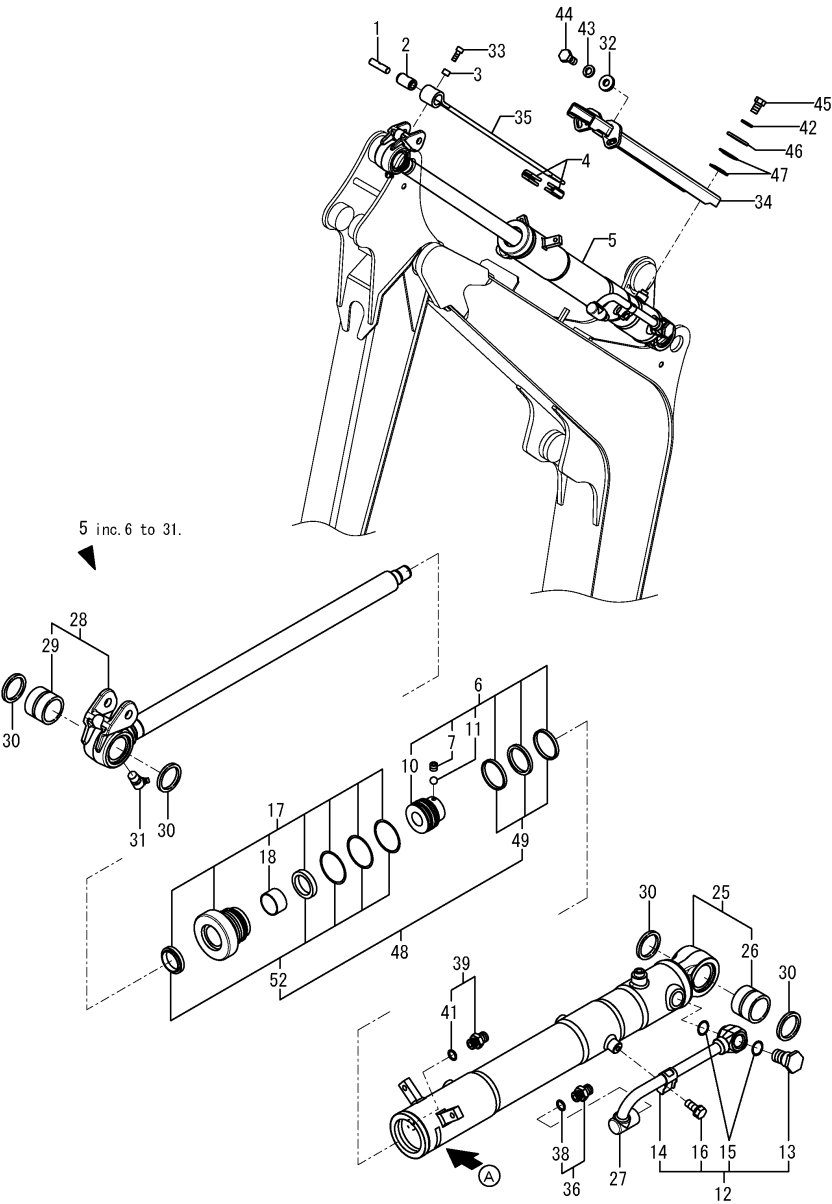
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72043	SHAFT, 14X53	1							
2	1	172A23-72052	GROMMET	1							
3	1	172A46-72070	SPACER	1							
4	1	172A23-72081	GUIDE, SLIDE	2							
5	1	172B57-72300	CYLINDER ASSY, ARM	1						Z	1
(A=M66187)											
6	2	172A23-70571	PISTON ASSY	1							
7	3	172A23-70240	SCREW, M6	1							
8	3	172A23-70581	PISTON	1							
9	3	24190-050002	BALL, STEEL 5/32	1							
10	2	172A23-70600	PLUG ASSY	1							
11	3	172A23-70610	PLUG	1							
12	3	172A23-70620	HOLDER, PIPE	1							
13	3	24315-350220	O-RING, 1BP22A	2							
14	3	26013-080162	BOLT, M8X 16	1							
15	2	172B57-72030	SEAL KIT, CYL65X35	1							
16	3	172A23-70650	SEAL KIT, PISTON	1							
17	3	172B57-72480	SEAL SET, HEAD 65X35	1							
18	2	172B57-72310	TUBE ASSY, ARM	1							
19	3	172A23-70120	BUSH, PIN 40	1							
20	2	172B57-72330	HEAD ASSY, 65 35	1							
21	3	172A23-70550	BEARING, SLEEVE	1							
23	2	172B57-72350	PIPE ASSY, ARM	1							
24	2	172B57-72400	ROD ASSY, ARM	1							
25	3	172A23-70120	BUSH, PIN 40	1							
26	2	172B05-72440	SEAL, DUST 40	4							
27	2	24761-040000	NIPPLE, GREASE B	1							
28	1	172A79-72570	WASHER, 10.5X24X4.5	2							
29	1	172A47-72840	BOLT, M6X16	1							
30	1	172A23-72902-N	GUIDE ASSY, 595	1							
31	1	172A23-72951-N	PLATE, SLIDE 585	1							
32	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
34	2	24319-000140	PACKING,HNBR-90 P 14	1							
35	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
37	2	24319-000140	PACKING,HNBR-90 P 14	1							
38	1	22217-100000	WASHER, SPRING 10	1							
39	1	22217-100000	WASHER, SPRING 10	2							
40	1	26076-100252	BOLT, 10.910X 25	2							
41	1	26116-100162	BOLT, M10X 16 PLATED	1							
42	1	933147-03400	WASHER, BRAKE ARM	1							
43	1	933168-14170	SPRING, 16	2							

Remarks
(1)A : There is serial No.(172B57-72300).
Interchangeable by Fig.132(83A) No.5 The inner parts are not compatible.

Fig.132. (83A)ARM CYLINDER(FROM M66187)

(A)=VIO20-6(KR)
(B)=
(C)=

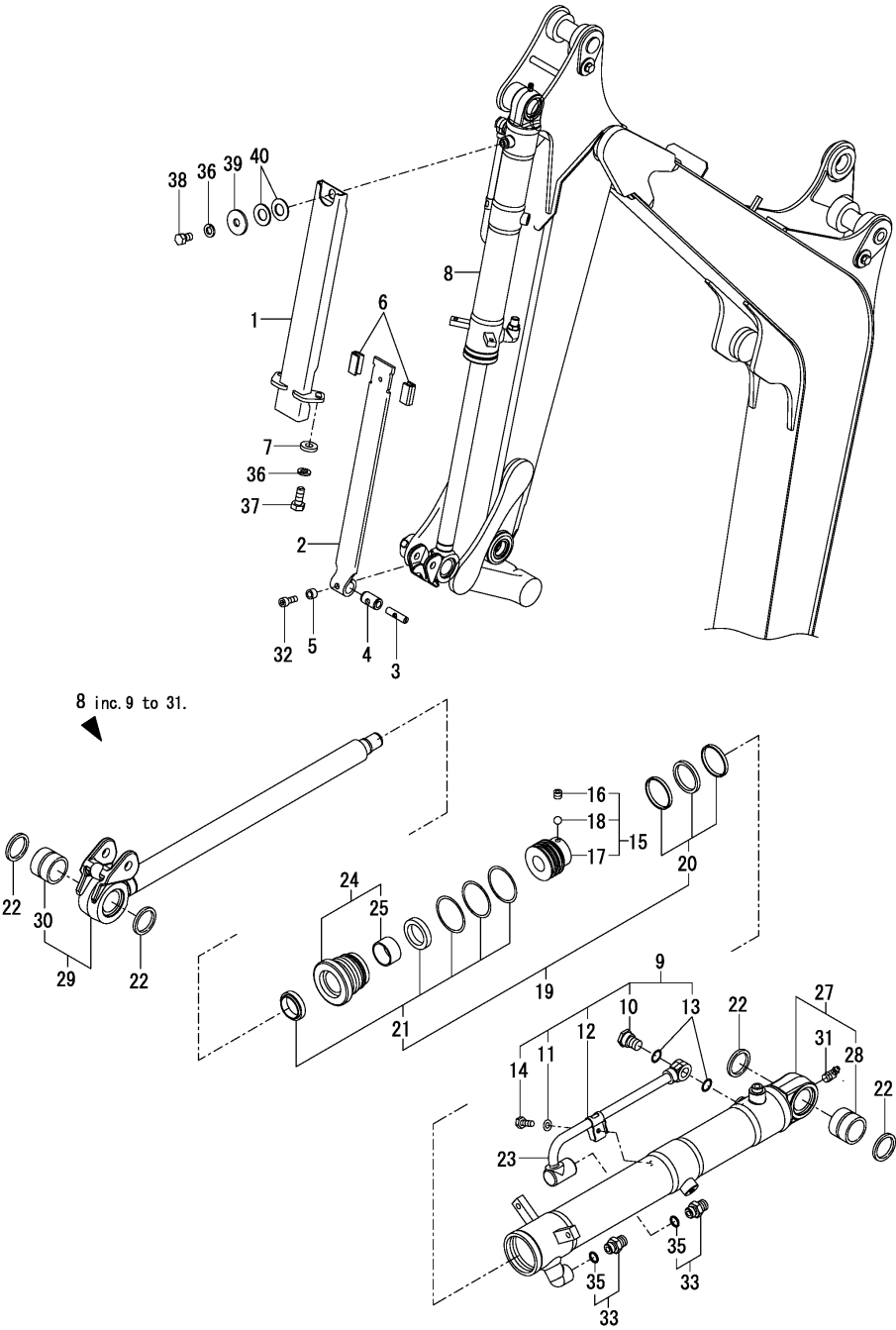
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72043	SHAFT, 14X53	1							
2	1	172A23-72052	GROMMET	1							
3	1	172A46-72070	SPACER	1							
4	1	172A23-72081	GUIDE, SLIDE	2							
5	1	172B57-72301	CYLINDER ASSY, ARM	1						W	1
(A=M66187)											
6	2	172A23-70571	PISTON ASSY	1							
7	3	172A23-70240	SCREW, M6	1							
10	3	172A23-70581	PISTON	1							
11	3	24190-050002	BALL, STEEL 5/32	1							
12	2	172A23-70600	PLUG ASSY	1							
13	3	172A23-70610	PLUG	1							
14	3	172A23-70620	HOLDER, PIPE	1							
15	3	24315-350220	O-RING, 1BP22A	2							
16	3	26013-080162	BOLT, M8X 16	1							
17	2	172B57-70610	HEAD ASSY, 65 35	1							
18	3	172A23-70550	BEARING, SLEEVE	1							
25	2	172B57-72310	TUBE ASSY, ARM	1							
26	3	172A23-70120	BUSH, PIN 40	1							
27	2	172B57-72350	PIPE ASSY, ARM	1							
28	2	172B57-72400	ROD ASSY, ARM	1							
29	3	172A23-70120	BUSH, PIN 40	1							
30	2	172B05-72440	SEAL, DUST 40	4							
31	2	24761-040000	NIPPLE, GREASE B	1							
32	1	172A79-72570	WASHER, 10.5X24X4.5	2							
33	1	172A47-72840	BOLT, M6X16	1							
34	1	172A23-72902-N	GUIDE ASSY, 595	1							
35	1	172A23-72951-N	PLATE, SLIDE 585	1							
36	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
38	2	24319-000140	PACKING,HNBR-90 P 14	1							
39	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
41	2	24319-000140	PACKING,HNBR-90 P 14	1							
42	1	22217-100000	WASHER, SPRING 10	1							
43	1	22217-100000	WASHER, SPRING 10	2							
44	1	26076-100252	BOLT, 10.910X 25	2							
45	1	26116-100162	BOLT, M10X 16 PLATED	1							
46	1	933147-03400	WASHER, BRAKE ARM	1							
47	1	933168-14170	SPRING, 16	2							
48	1	172B57-70670	SEAL KIT, CYL65X35								2
49	2	172A23-70650	SEAL KIT, PISTON	1							
52	2	172B57-70700	SEAL SET, HEAD 65X35	1							

Remarks
(1)A : There is serial No.(172B57-72301).
(2)Spare parts.

Fig.84. BUCKET CYLINDER(QUICK COUPLER SPEC.)

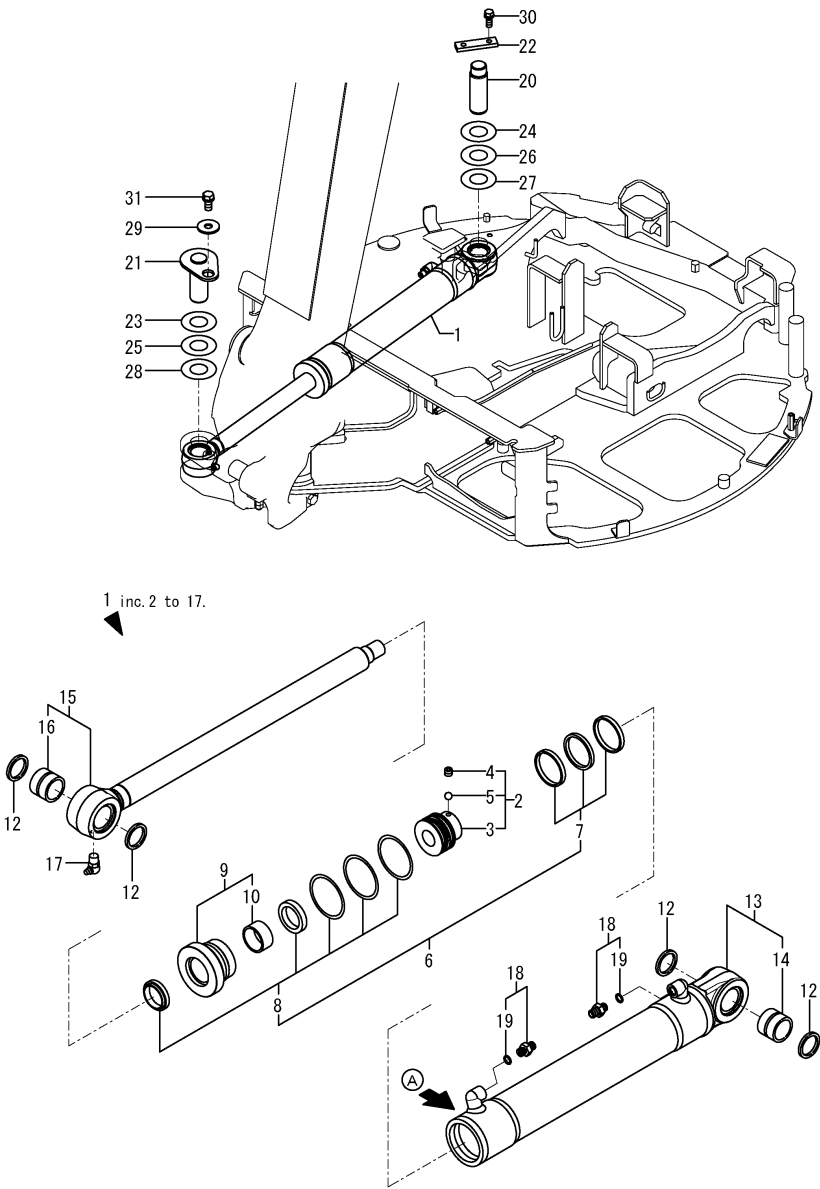


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-71950	GUIDE ASSY, 540	1							
2	1	172B57-71990	PLATE, SLIDE 530	1							
3	1	172A23-72043	SHAFT, 14X53	1							
4	1	172A23-72052	GROMMET	1							
5	1	172A46-72070	SPACER	1							
6	1	172A23-72081	GUIDE, SLIDE	2							
7	1	172A79-72570	WASHER, 10.5X24X4.5	2							
8	1	172B57-72650	CYLINDER ASSY,BCK Q	1							
9	2	172A23-70290	PLUG ASSY	1							
10	3	172A23-70300	PLUG	1							
11	3	172A23-70310	WASHER	1							
12	3	172A23-70320	HOLDER, PIPE	1							
13	3	24315-000150	O-RING, 1BP15.0	2							
14	3	26013-080162	BOLT, M8X 16	1							
15	2	172A23-71170	PISTON ASSY	1							
16	3	172A23-70800	SCREW, M6	1							
17	3	172A23-71180	PISTON	1							
18	3	24190-050002	BALL, STEEL 5/32	1							
19	2	172B57-72060	SEAL KIT, CYL60X35	1							
20	3	172A23-71210	SEAL KIT, PISTON	1							
21	3	172B57-72620	SEAL SET, HEAD 60X35	1							
22	2	172B05-72390	SEAL, DUST 35	4							
23	2	172B57-72590	PIPE ASSY,BUCKET	1							
24	2	172B57-72630	HEAD ASSY, 60 35	1							
25	3	172A23-70550	BEARING, SLEEVE	1							
27	2	172B57-72660	TUBE ASSY,BUCKET Q	1							
28	3	172A23-70720	BUSH, PIN 35	1							
29	2	172B57-72670	ROD ASSY, BUCKET	1							
30	3	172A23-70720	BUSH, PIN 35	1							
31	2	24761-040000	NIPPLE, GREASE B	1							
32	1	172A47-72840	BOLT, M6X16	1							
33	1	172730-75142	CONNECTOR, G3/8-G3/8	2							
35	2	24319-000140	PACKING,HNBR-90 P 14	2							
36	1	22217-100000	WASHER, SPRING 10	3							
37	1	26076-100252	BOLT, 10.910X 25	2							
38	1	26116-100162	BOLT, M10X 16 PLATED	1							
39	1	933147-03400	WASHER, BRAKE ARM	1							
40	1	933168-14170	SPRING, 16	2							

Fig.85. SWING CYLINDER(TO M66186)

(A)=VIO20-6(KR)
(B)=
(C)=

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



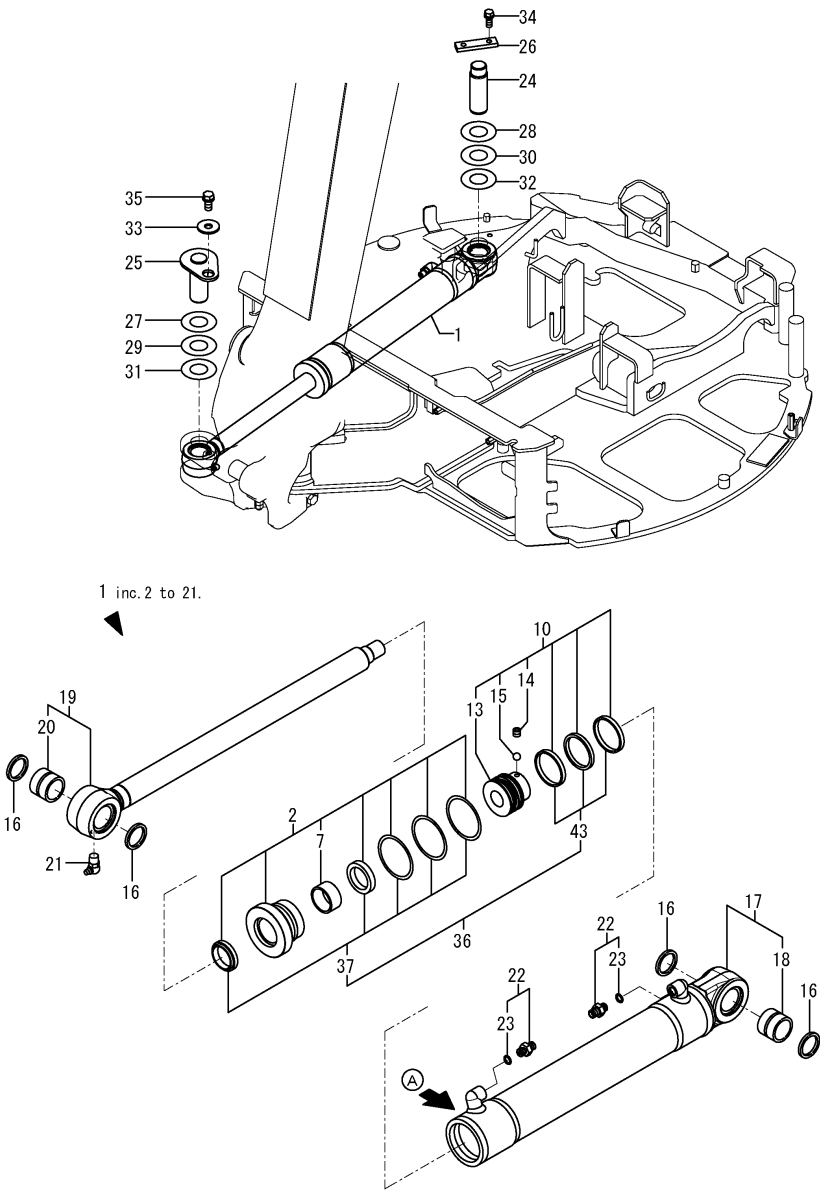
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-72700	CYLINDER ASSY, SWING	1						Z	1
(A=M66187)											
2	2	172A23-71470	PISTON ASSY	1							
3	3	172A23-71480	PISTON	1							
4	3	172A79-72870	SCREW, M8	1							
5	3	24190-070002	BALL, STEEL 7/32	1							
6	2	172B57-72070	SEAL KIT, CYL70X40	1							
7	3	172B04-72690	SEAL SET, PISTON 70	1							
8	3	172B57-72780	SEAL SET, HEAD 70X40	1							
9	2	172B57-72130	HEAD ASSY, 70 40	1							
10	3	172A23-71460	BEARING, SLEEVE	1							
12	2	172B05-72440	SEAL, DUST 40	4							
13	2	172B57-72710	TUBE ASSY, SWING	1							
14	3	172A23-71420	BUSH, PIN 40	1							
15	2	172B57-72730	ROD ASSY, SWING	1							
16	3	172A23-70120	BUSH, PIN 40	1							
17	2	24761-040000	NIPPLE, GREASE B	1							
18	1	172123-76122	ADAPTER PF1/2	2							
19	2	24319-000110	PACKING,HNBR-90 P 11	2							
20	1	172B57-81880	PIN,40X105	1							
21	1	172B16-81950	PIN ASSY, 40X103	1							
22	1	172A47-81980	PLATE, LOCK	1							
23	1	172165-82580	SHIM, 40X75X0.5	1							
24	1	172165-82580	SHIM, 40X75X0.5	1							
25	1	172165-82590	SHIM, 40X75X1.2	1							
26	1	172165-82590	SHIM, 40X75X1.2	1							
27	1	172165-82600	SHIM, 40X75X1.6	1							
28	1	172165-82600	SHIM, 40X75X1.6	1							
29	1	22157-120000	WASHER, 12	1							
30	1	26013-100202	BOLT, M10X 20	2							
31	1	26013-120252	BOLT, M12X 25	1							

Remarks
(1)A : There is serial No.(172B57-72700).
Interchangeable by Fig.133(85A) No.1 The inner parts are not compatible.

Fig.133. (85A)SWING CYLINDER(FROM M66187)

(A)=VIO20-6(KR)
(B)=
(C)=

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



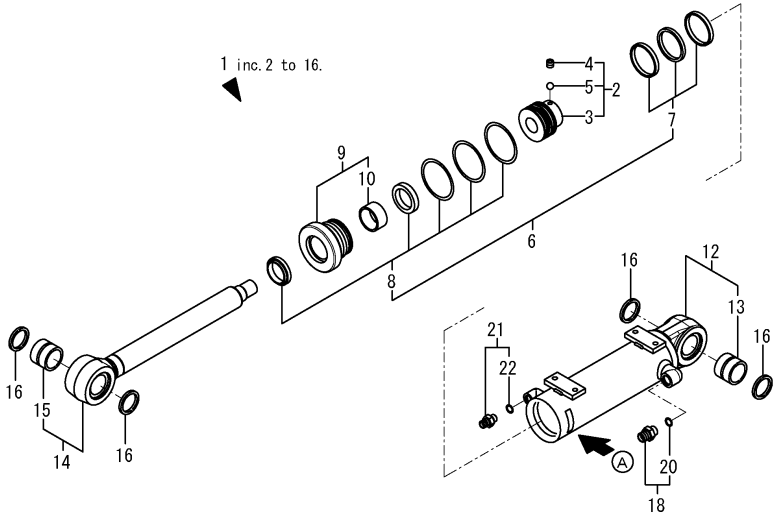
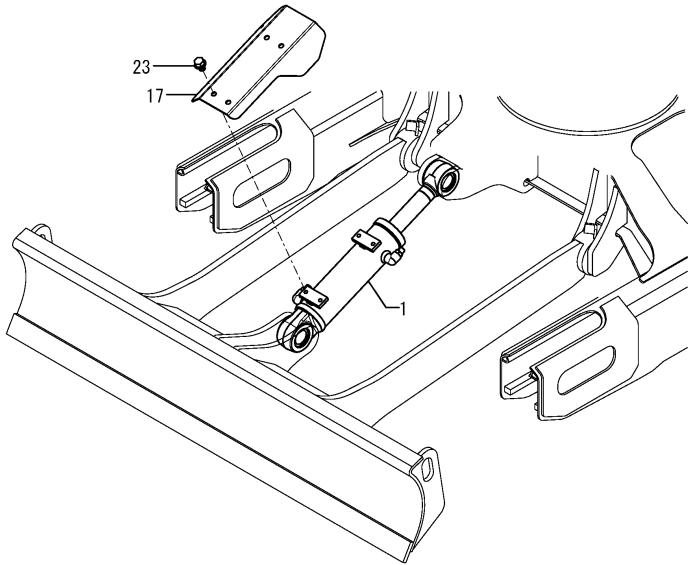
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-72701	CYLINDER ASSY, SWING	1						W	1
(A=M66187)											
2	2	172B57-70600	HEAD ASSY, 70 40	1							
7	3	172A23-71460	BEARING, SLEEVE	1							
10	2	172A23-71470	PISTON ASSY	1							
13	3	172A23-71480	PISTON	1							
14	3	172A79-72870	SCREW, M8	1							
15	3	24190-070002	BALL, STEEL 7/32	1							
16	2	172B05-72440	SEAL, DUST 40	4							
17	2	172B57-72710	TUBE ASSY, SWING	1							
18	3	172A23-71420	BUSH, PIN 40	1							
19	2	172B57-72730	ROD ASSY, SWING	1							
20	3	172A23-70120	BUSH, PIN 40	1							
21	2	24761-040000	NIPPLE, GREASE B	1							
22	1	172123-76122	ADAPTER PF1/2	2							
23	2	24319-000110	PACKING,HNBR-90 P 11	1							
24	1	172B57-81880	PIN,40X105	1							
25	1	172B16-81950	PIN ASSY, 40X103	1							
26	1	172A47-81980	PLATE, LOCK	1							
27	1	172165-82580	SHIM, 40X75X0.5	1							
28	1	172165-82580	SHIM, 40X75X0.5	1							
29	1	172165-82590	SHIM, 40X75X1.2	1							
30	1	172165-82590	SHIM, 40X75X1.2	1							
31	1	172165-82600	SHIM, 40X75X1.6	1							
32	1	172165-82600	SHIM, 40X75X1.6	1							
33	1	22157-120000	WASHER, 12	1							
34	1	26013-100202	BOLT, M10X 20	2							
35	1	26013-120252	BOLT, M12X 25	1							
36	1	172B57-70680	SEAL KIT, CYL70X40	1							2
37	2	172B57-70710	SEAL SET, HEAD 70X40	1							
43	2	172B04-72690	SEAL SET, PISTON 70	1							

Remarks
(1)A : There is serial No.(172B57-72701).
(2)Spare parts.

Fig.86. BLADE CYLINDER(TO M66162)

(A)=VIO20-6(KR)
(B)=
(C)=

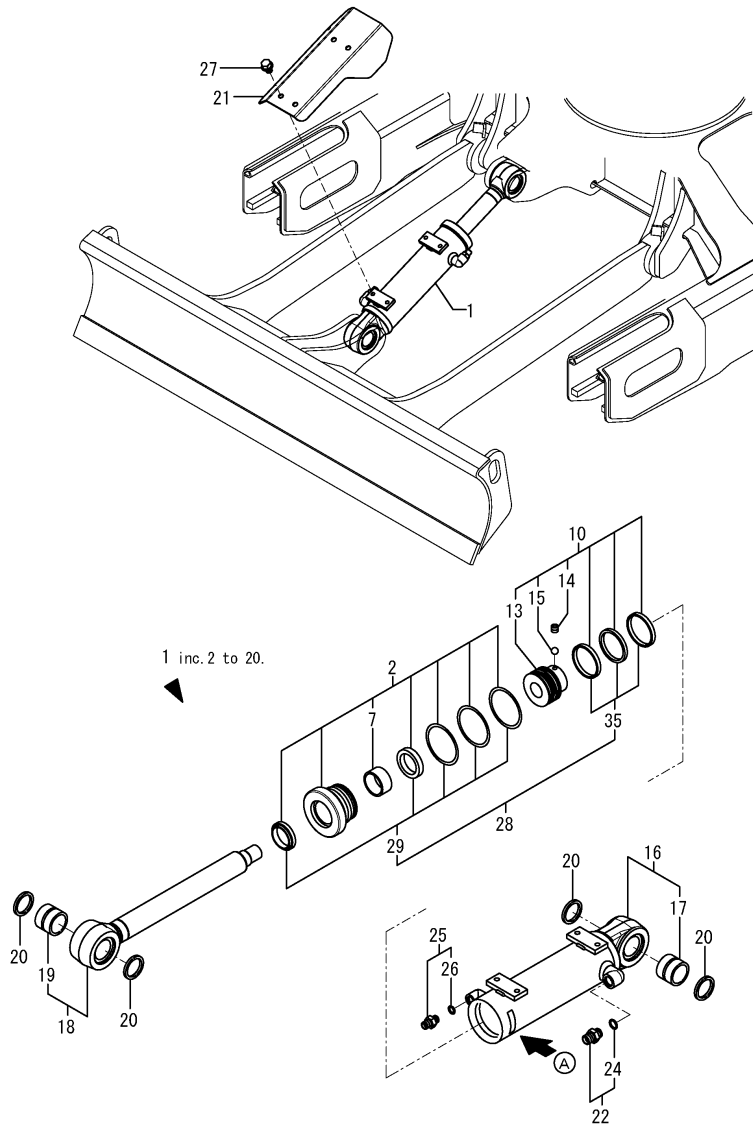
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-72800 (A=M66163)	CYLINDER ASSY, BLADE	1						Z	1
2	2	172A23-71470	PISTON ASSY	1							
3	3	172A23-71480	PISTON	1							
4	3	172A79-72870	SCREW, M8	1							
5	3	24190-070002	BALL, STEEL 7/32	1							
6	2	172B57-72070	SEAL KIT, CYL70X40	1							
7	3	172B04-72690	SEAL SET, PISTON 70	1							
8	3	172B57-72780	SEAL SET, HEAD 70X40	1							
9	2	172B57-72130	HEAD ASSY, 70 40	1							
10	3	172A23-71460	BEARING, SLEEVE	1							
12	2	172B57-72810	TUBE ASSY, BLADE	1							
13	3	172168-72240	BUSH, 38-50-40	1							
14	2	172B57-72830	ROD ASSY, BLADE	1							
15	3	172168-72240	BUSH, 38-50-40	1							
16	2	172168-81270	SEAL, DUST 38X50X4	4							
17	1	172B57-72970	COVER ASSY, BLADE	1							
18	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
20	2	24319-000140	PACKING,HNBR-90 P 14	1							
21	1	172123-76122	ADAPTER PF1/2	1							
22	2	24319-000110	PACKING,HNBR-90 P 11	1							
23	1	26106-100122	BOLT, M10X 12 PLATED	4							

Remarks
(1)A : There is serial No.(172B57-72800).
Interchangeable by Fig.134(86A) No.1 The inner parts are not compatible.

Fig.134. (86A)BLADE CYLINDER(FROM M66163)

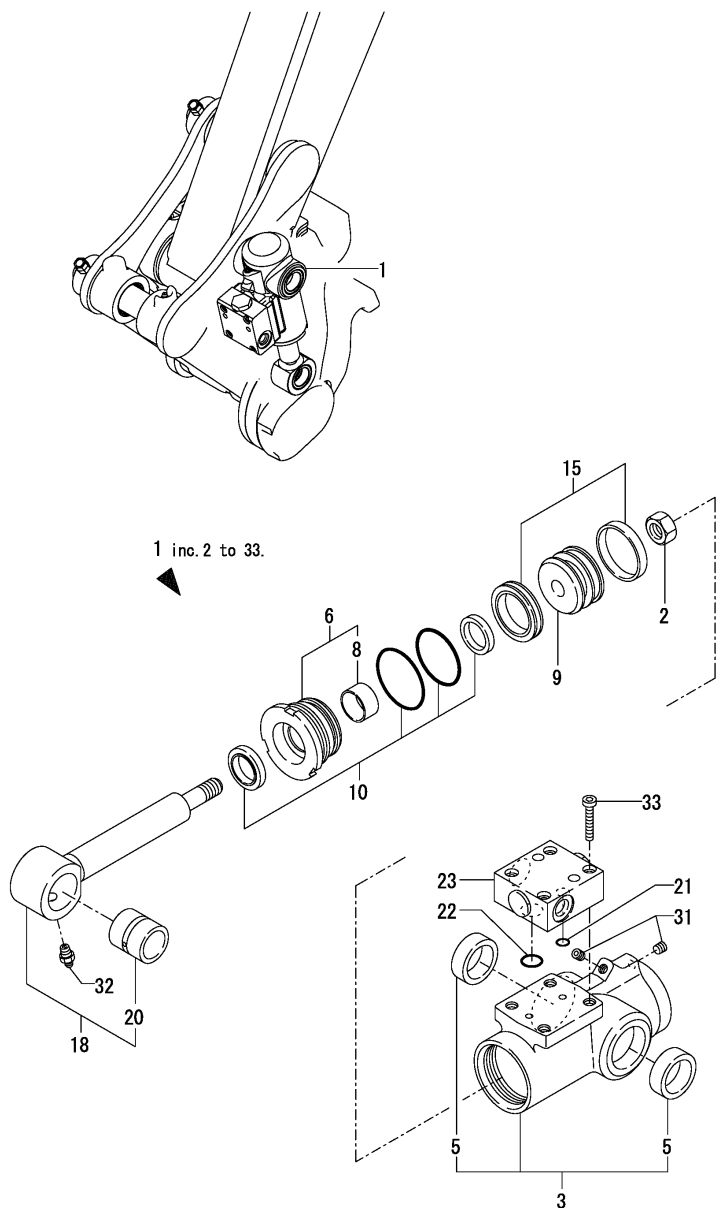


Remarks
(1)A : There is serial No.(172B57-72801).
(2)Spare parts.

(A)=VIO20-6(KR)
(B)=
(C)=

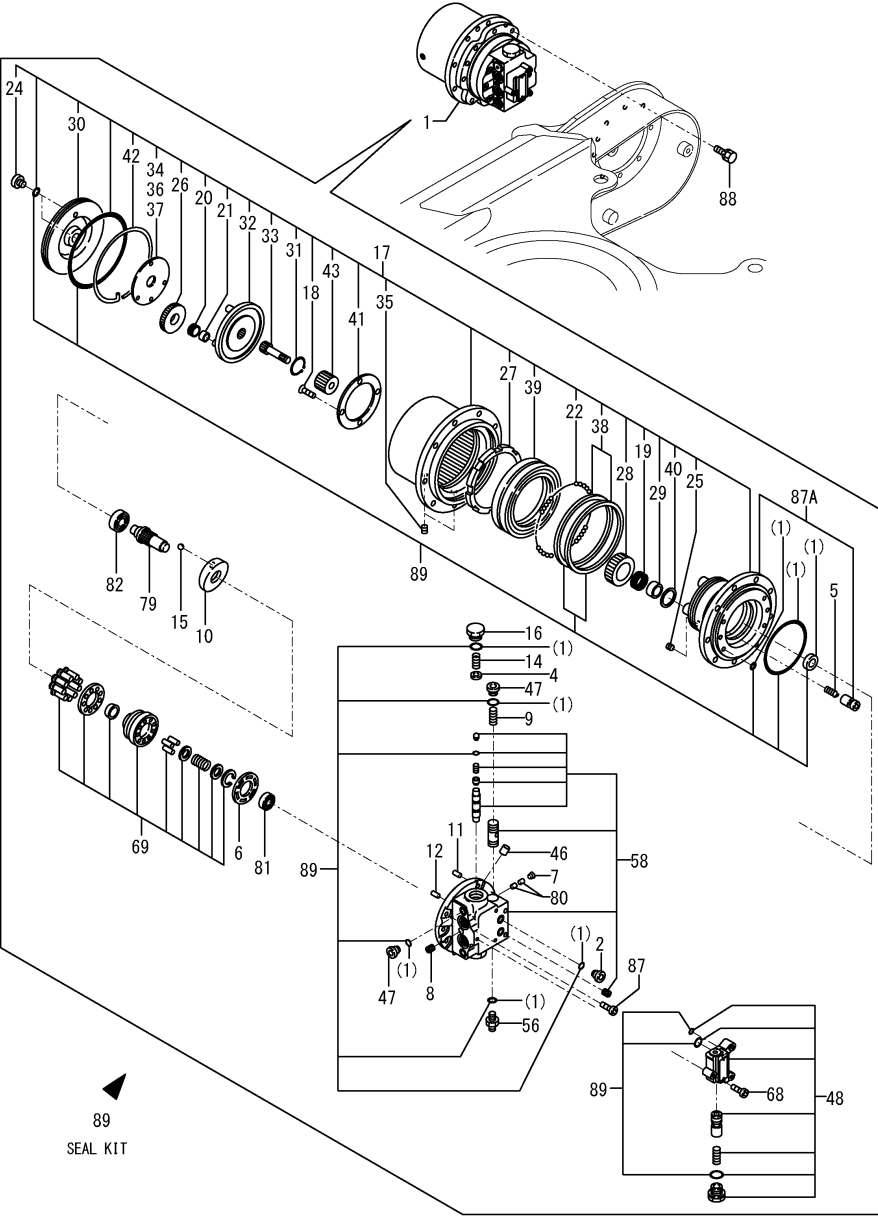
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-72801 (A=M66163)	CYLINDER ASSY, BLADE	1						W	1
2	2	172B57-70600	HEAD ASSY, 70 40	1							
7	3	172A23-71460	BEARING, SLEEVE	1							
10	2	172A23-71470	PISTON ASSY	1							
13	3	172A23-71480	PISTON	1							
14	3	172A79-72870	SCREW, M8	1							
15	3	24190-070002	BALL, STEEL 7/32	1							
16	2	172B57-72810	TUBE ASSY, BLADE	1							
17	3	172168-72240	BUSH, 38-50-40	1							
18	2	172B57-72830	ROD ASSY, BLADE	1							
19	3	172168-72240	BUSH, 38-50-40	1							
20	2	172168-81270	SEAL, DUST 38X50X4	4							
21	1	172B57-72970	COVER ASSY, BLADE	1							
22	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
24	2	24319-000140	PACKING,HNBR-90 P 14	1							
25	1	172123-76122	ADAPTER PF1/2	1							
26	2	24319-000110	PACKING,HNBR-90 P 11	1							
27	1	26106-100122	BOLT, M10X 12 PLATED	4							
28	1	172B57-70680	SEAL KIT, CYL70X40	1							2
29	2	172B57-70710	SEAL SET, HEAD 70X40	1							
35	2	172B04-72690	SEAL SET, PISTON 70	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-72800-N	CYLINDER ASSY, HITCH	1							
2	2	172156-72400	U-NUT, M14	1							
3	2	172956-72810-N	TUBE ASSY, HITCH	1							
5	3	172956-72880	BUSH, 25-33-14.5	2							
6	2	172956-72860	HEAD ASSY, 45 25	1							
8	3	24550-025150	BUSH, 25X15	1							
9	2	172956-72890	PISTON, 45 25	1							
10	2	172956-72900	SEAL SET, HEAD 45X25	1							
15	2	172956-72910	SEAL SET,PISTON 50-2	1							
18	2	172956-72920	ROD ASSY, HITCH	1							
20	3	172156-84440	BUSH, PIN 25 35	1							
21	2	172958-72950	O-RING, P8	1							
22	2	172958-72960	O-RING, P14	1							
23	2	172958-72983-N	VALVE ASSY, OPERATE	1							
31	2	23871-005000	PLUG, R005	2							
32	2	24761-020000	NIPPLE, GREASE PT1/8	1							
33	2	26450-060302	BOLT, M6X 30	4							

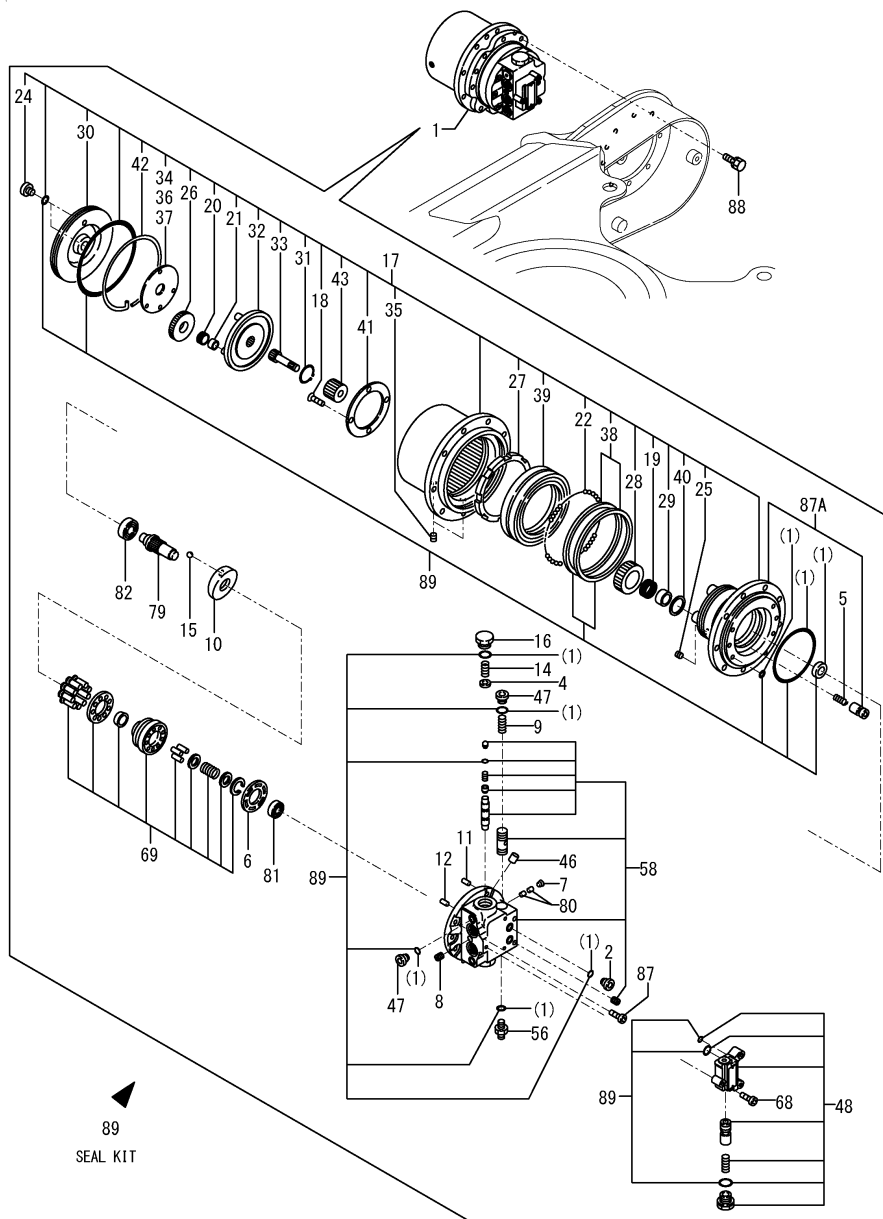
Fig.88. TRAVEL MOTOR



Remarks
(1)A package contains 2 floating seals.
1 package per 1 travel motor.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-73303	MOTOR ASSY,TRAVELING	2							
2	2	1A6240-37360	PLUG	4							
4	2	172141-70450	SEAT, SPRING	4							
5	2	172168-71951	SPRING	4							
6	2	172B03-73290	PLATE, VALVE	2							
7	2	172B03-73330	PLUG	4							
8	2	172B03-73340	PLUG, M10X1.5	2							
9	2	172421-73400	SPRING	2							
10	2	172456-73461	PLATE	2							
11	2	172122-73470	PIN	2							
12	2	172122-73480	PIN	4							
14	2	172456-73500	SPRING	4							
15	2	172450-73510	BALL, STEEL	4							
16	2	172456-73510	CAP, STEERING WHEEL	4							
17	2	172A23-73511	REDUCTION GEAR	2							
18	3	172141-70110	SCREW	8							
19	3	172147-70120	GAUGE ASSY	8							
20	3	172141-70150	GAUGE, W/ROLLER	6							
21	3	172141-70160	INNER RACE	6							
22	3	172122-70350	BALL, STEEL	218							
24	3	172147-70500	PLUG	4							
25	3	172450-73330	PLUG	4							
26	3	172421-73350	GEAR, PLANETARY A	6							
27	3	172456-73351	NUT, RING	2							
28	3	172456-73360	GEAR, PLANETARY B	8							
29	3	172456-73370	INNER RACE	8							
30	3	172B16-73380	COVER	2							
31	3	172456-73390	RING, SNAP	2							
32	3	172456-73400	HOLDER	2							
33	3	172456-73410	GEAR, DRIVE	2							
34	3	172456-73420	PLATE, THRUST	2							
35	3	172122-73430	PLUG	4							
36	3	172456-73430	PLATE, THRUST	2							
37	3	172456-73440	PLATE, THRUST	2							
38	3	172183-73510	SEAL, FLOATING	4							1
39	3	172183-73520	BEARING, ANGULAR	2							
40	3	172183-73560	WASHER, THRUST	8							
41	3	172183-73570	PLATE, THRUST	2							
42	3	172183-73660	WIRE	2							
43	3	172456-73980	GEAR, SUN	2							
46	2	172456-73520	ORIFICE	4							
47	2	172A23-73530	PLUG	6							
48	2	172456-73540	VALVE ASSY	2							
56	2	172A23-73540	PLUG	2							
58	2	172A23-73551	PLATE KIT, BASE	2							
68	2	172456-73570	BOLT, SOCKET HEAD	6							
69	2	172450-73621	CYLINDER BLOCK KIT	2							
79	2	172183-73670	SHAFT	2							
80	2	172312-74790	ORIFICE	8							
81	2	24101-060024	BEARING, BALL 6002	2							
82	2	24101-060044	BEARING, BALL 6004	2							

Fig.88. TRAVEL MOTOR



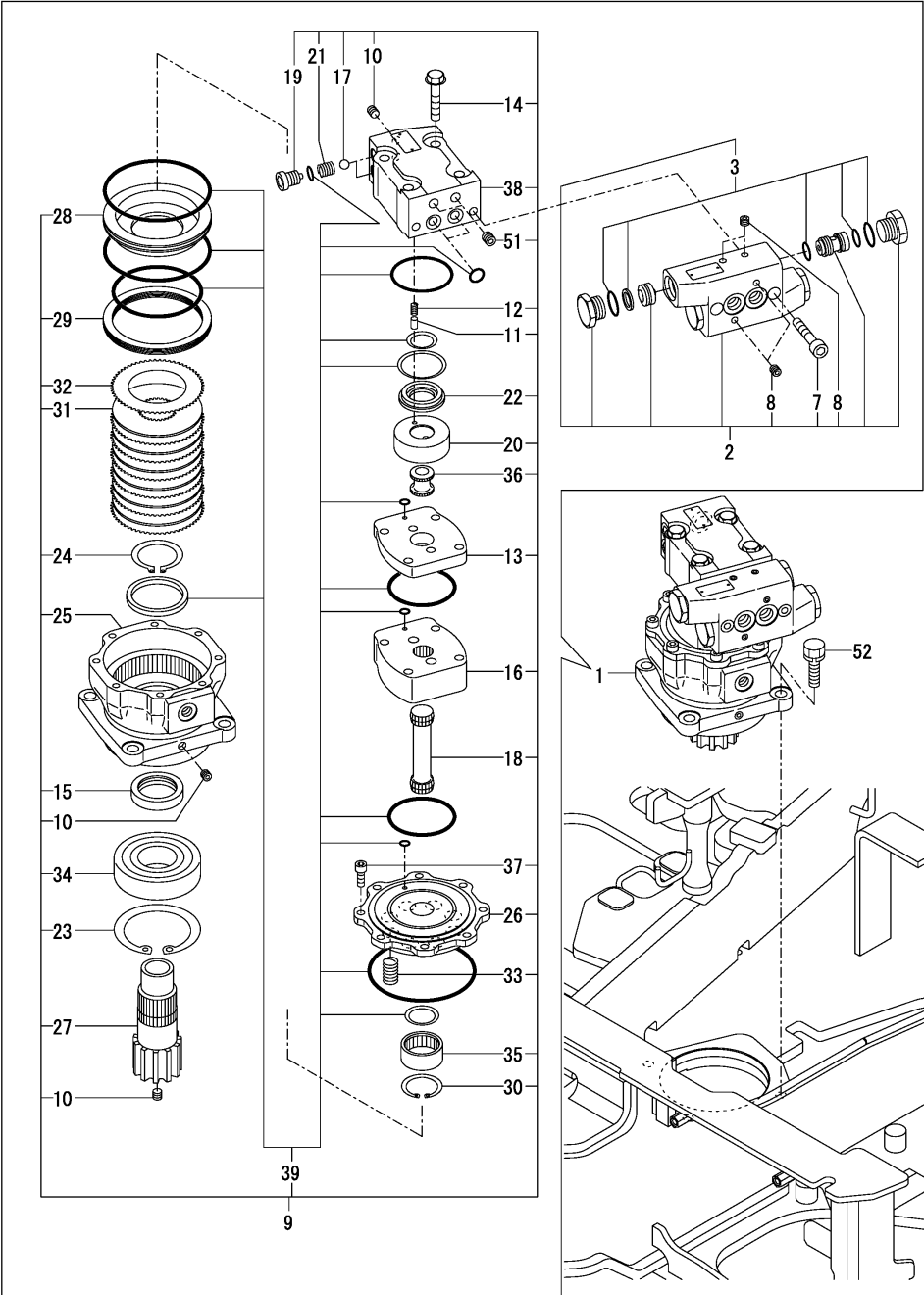
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
87	2	26450-080202	BOLT, M8X 20	12							
87A	2	172C02-73310	FLANGE KIT	2							
88	1	26013-100252	BOLT, M10X 25	16							
89	1	172456-73320	SEAL SET, MOTOR	1							

Remarks
(1)A package contains 2 floating seals.
1 package per 1 travel motor.

Fig.89. TURNING MOTOR

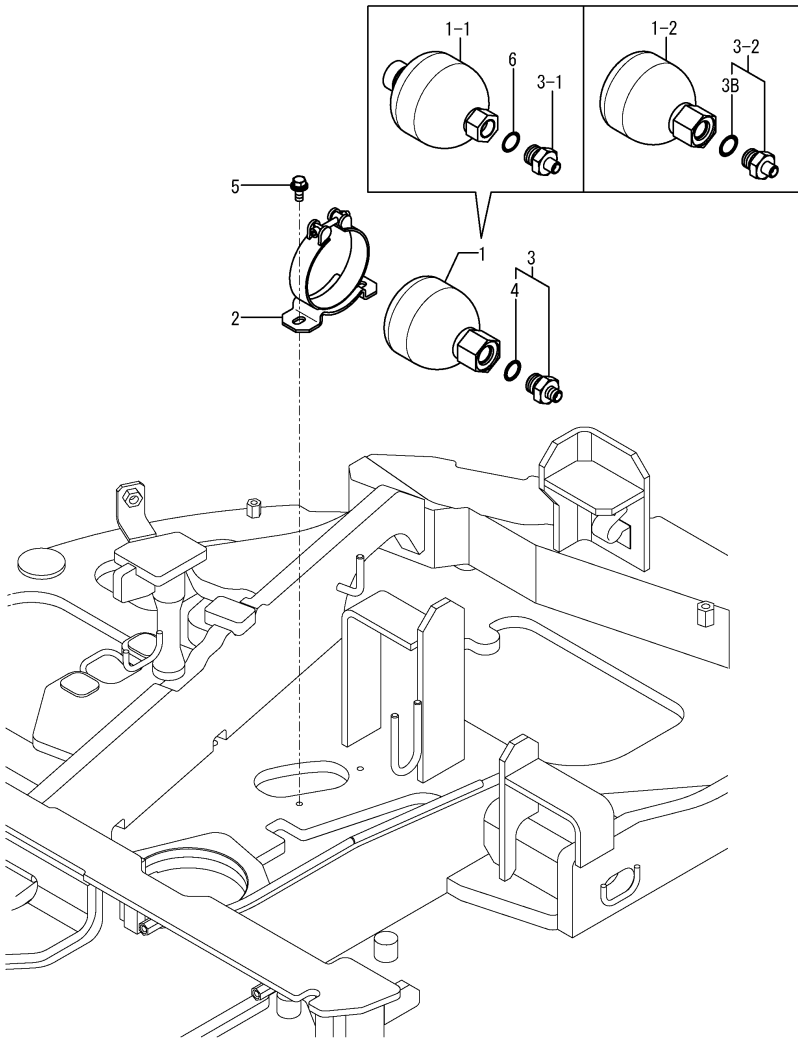
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-73312	MOTOR ASSY, SWING	1							
2	2	172456-77101	VALVE ASSY	1							
3	3	172456-77110	SEAL SET, VALVE	1							
7	3	172456-77130	BOLT, 6X65	2							
8	3	23871-010000	PLUG, R01	6							
9	2	172456-77140	MOTOR, SWING	1							
10	3	172137-70490	PLUG, BORE	4							
11	3	172137-70570	PIN	2							
12	3	172137-70580	SPRING	2							
13	3	172148-73350	PLATE, VALVE	1							
14	3	172173-73510	BOLT, HEXAGON 12X40	4							
15	3	172173-73520	COLLAR	1							
16	3	172173-73570	GEROLLER	1							
17	3	172168-73580	BALL, STEEL	2							
18	3	172173-73580	DRIVE	1							
19	3	172168-73590	PLUG	2							
20	3	172173-73590	VALVE	1							
21	3	172168-73600	SPRING	2							
22	3	172173-73600	RING, BALANCING	1							
23	3	172173-73690	CIRCLIP	1							
24	3	172173-73700	CIRCLIP	1							
25	3	172456-77150	HOUSING, BEARING	1							
26	3	172456-77160	FLANGE, MOUTING	1							
27	3	172456-77170	GEAR, PINION	1							
28	3	172456-77180	PISTON, HYDRAULIC	1							
29	3	172456-77190	RING	1							
30	3	172456-77200	CIRCLIP	1							
31	3	172456-77210	PLATE, FRICTION	6							
32	3	172456-77220	PLATE	7							
33	3	172456-77230	SPRING	8							
34	3	172456-77240	BEARING, FRONT	1							
35	3	172456-77250	BEARING, REAR	1							
36	3	172141-77260	DRIVE, VALVE	1							
37	3	172456-77270	BOLT, 6X65	8							
38	3	172456-77280	HOUSING, VALVE	1							
39	3	172456-77290	SEAL SET, MOTOR	1							
51	3	172141-77400	PLUG, SCREW	2							
52	1	26013-120402	BOLT, M12X 40	4							

Fig.90. ACCUMULATOR

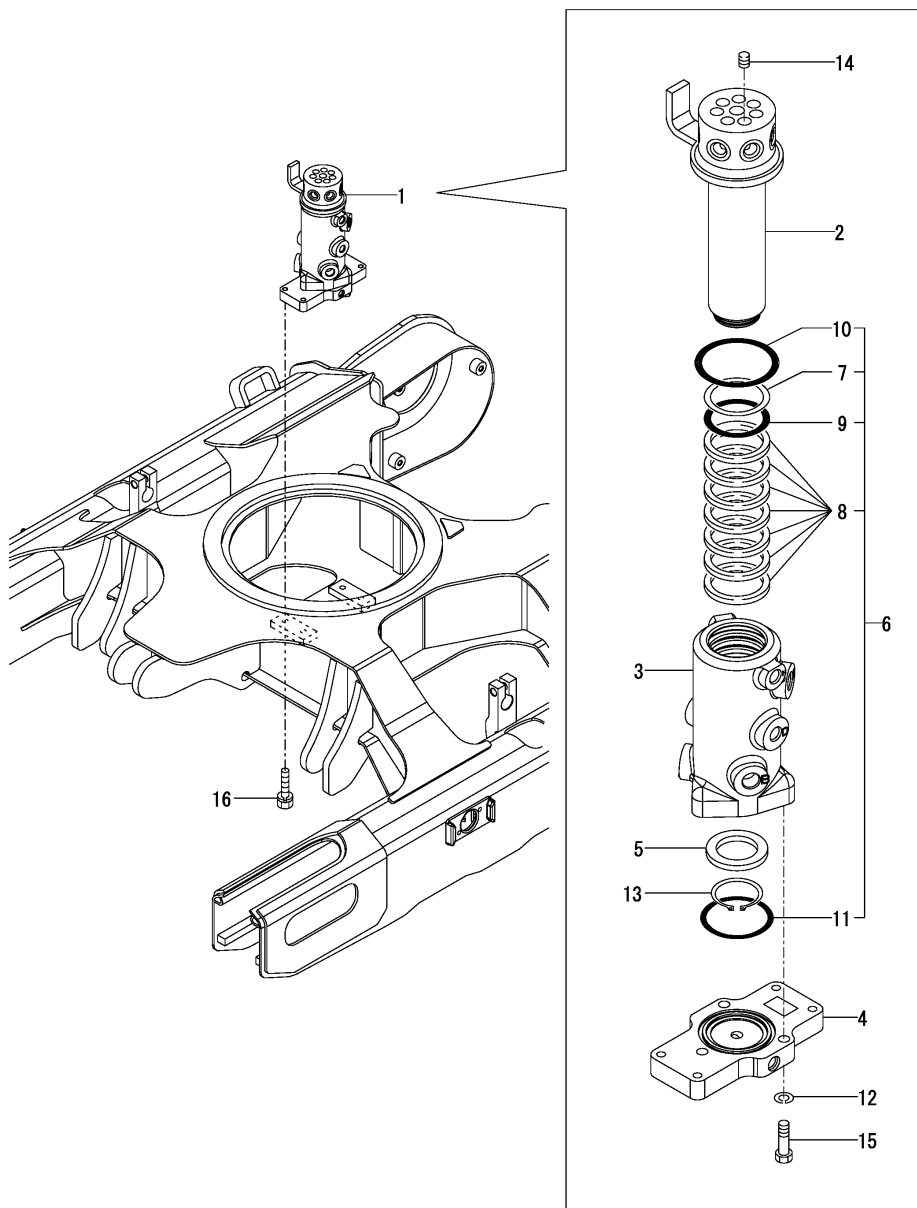


Remarks
(1)Interchangeable by simultaneous replacement with No.3-1 & 6.
(2)Interchangeable by simultaneous replacement with No.3-2.

(A)=VIO20-6(KR)
(B)=
(C)=

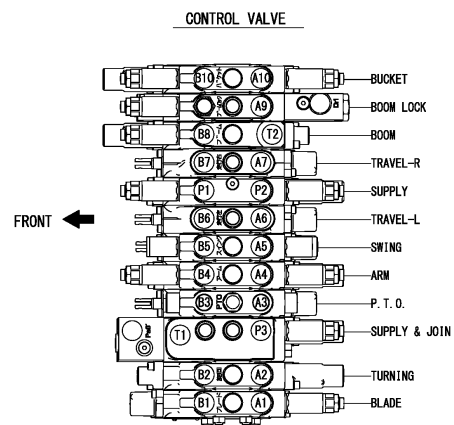
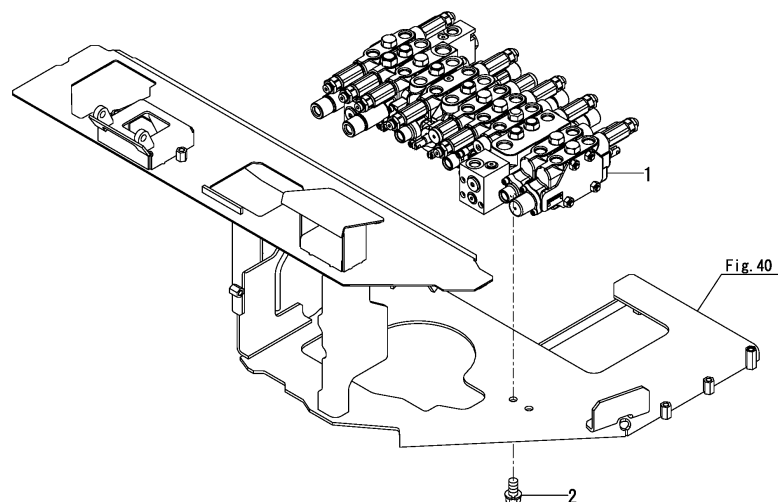
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B11-73600	ACCUMULATOR	1							
1-1	1	172B57-73600	ACCUMULATOR	1						F	1
(A=M64799)											
1-2	1	172B11-73600	ACCUMULATOR	1						F	2
(A=M64996)											
2	1	172B11-73630	CLAMP	1							
3	1	172423-76121	CONNECTOR PF1/2-1/4	1							
3-1	1	172B57-76150	CONNECTOR,G1/2-G1/4	1						F	
(A=M64799)											
3-2	1	172423-76121	CONNECTOR PF1/2-1/4	1						F	
(A=M64996)											
3B	2	24319-000180	PACKING,HNBR-90 P 18	1						W	
(A=M64996)											
4	2	24319-000180	PACKING,HNBR-90 P 18	1						Z	
(A=M64799)											
5	1	26014-080162	BOLT, M8X 16	2							
6	1	172B12-76240	SEAL RING, BS 1/2	1						W	
(A=M64799)											
6-1	1	172B12-76240	SEAL RING, BS 1/2	1						Z	
(A=M64996)											



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B02-73800	JOINT ASSY, SWIVEL	1							
2	2	172B02-73810	SHAFT ASSY, SWIVEL	1							
3	2	172B02-73840	HUB, SWIVEL	1							
4	2	172B02-73850	FLANGE, SWIVEL	1							
5	2	172B02-73860	SPACER, SWIVEL	1							
6	2	172B02-73910	SEAL KIT, SWIVEL	1							
7	3	172B02-73880	RING, BACK UP T3 55	1							
8	3	172B02-73890	SEAL, SWIVEL	7							
9	3	24315-000560	O-RING, 1BP56.0	1							
10	3	24315-000750	O-RING, 1BP75.0	1							
11	3	24325-000700	O-RING, 1BG70.0	1							
12	2	22217-100000	WASHER, SPRING 10	3							
13	2	22242-000451	RING, 45	1							
14	2	23871-020000	PLUG, R02	7							
15	2	26076-100352	BOLT, 10.910X 35	3							
16	1	26013-100402	BOLT, M10X 40	4							

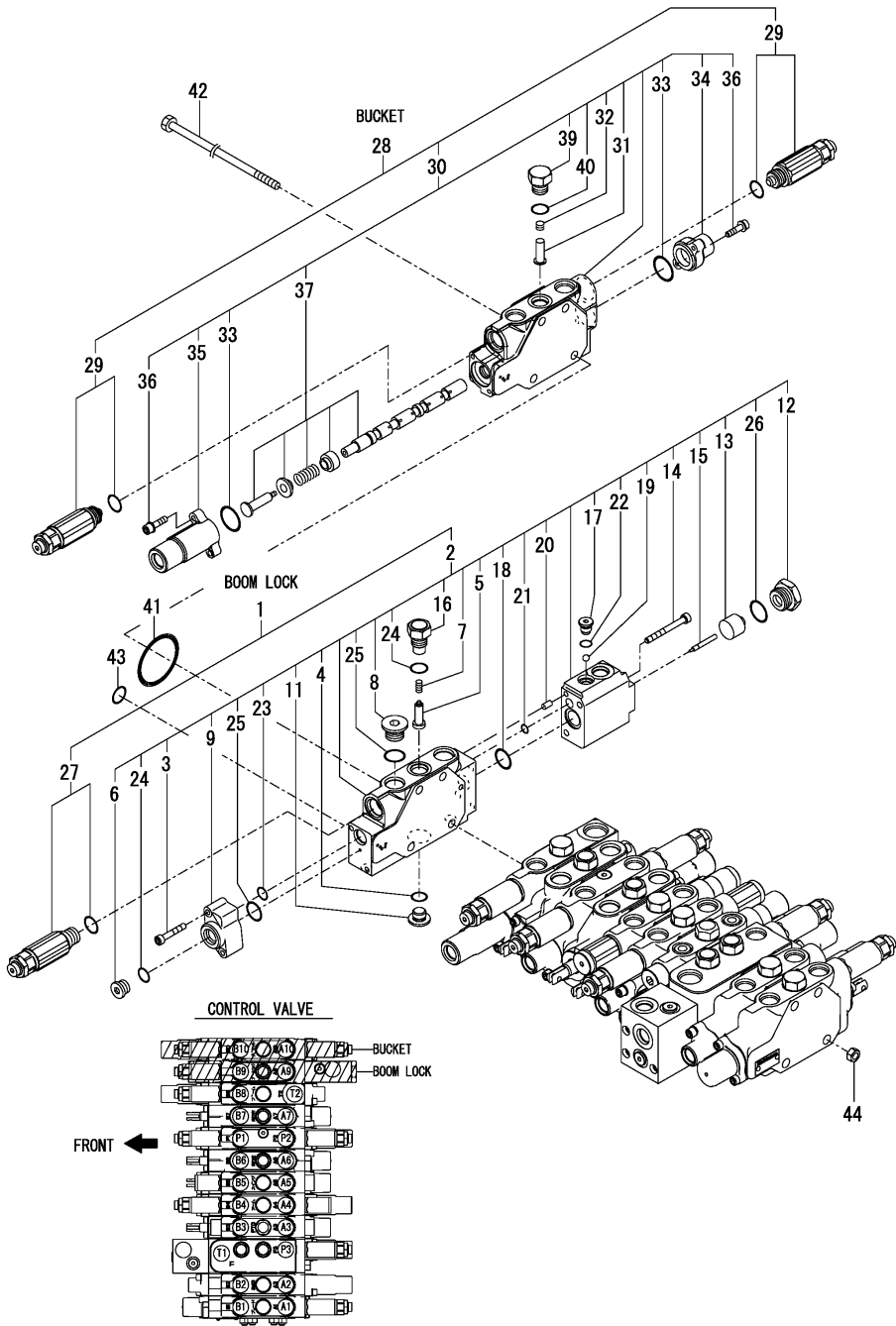
Fig.92. CONTROL VALVE(1/7)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-74112	VALVE ASSY, CV FG	1							1
2	1	26013-100162	BOLT, M10X 16	3							

Remarks
(1) Inner parts are shown in Fig.98 from Fig.93

Fig.93. CONTROL VALVE(2/7)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74271	VALVE ASSY, LOCK	1							
2	3	172B57-74261	SECTION ASSY, LOCK	1							
3	4	172458-74260	BOLT, HEXAGON 5X20	2							
4	4	172A47-74270	O-RING, 1B S16	1							
5	4	172458-74290	VALVE, REVERSE	1							
6	4	172183-74350	PLUG, PF1/4	1							
7	4	172458-74360	SPRING, CHECK VALVE	1							
8	4	172B57-74370	PLUG, PF3/8	1							
9	4	172B57-74390	BODY ASSY,DISCHARGE	1							
11	4	172A47-74460	PLUG, M12X1.25	1							
12	4	172A47-74560	BUSH, PF1/2X1/4	1							
13	4	172A47-74570	PISTON, B	1							
14	4	172B57-74570	BOLT, 6X 65	2							
15	4	172A47-74580	PISTON, A1	1							
16	4	172458-74640	STAY, CHECK VALVE	1							
17	4	172A47-74920	HOLDER, BALL	1							
18	4	172A47-75680	O-RING, AS 1B17	1							
19	4	172A47-75690	BALL, STEEL 7MM	1							
20	4	22312-050100	PIN, PARALLEL M5X10	2							
21	4	24311-000060	O-RING, 1AP6.0	1							
22	4	24315-000080	O-RING, 1BP8.0	1							
23	4	24315-000100	O-RING, 1BP10.0	1							
24	4	24315-000110	O-RING, 1BP11.0	2							
25	4	24315-000140	O-RING, 1BP14.0	2							
26	4	24315-000180	O-RING, 1BP18.0	1							
27	3	172456-74440	VALVE, RELIEF 300/5	1							
28	2	172B57-74290	VALVE ASSY, BUCKET	1							
29	3	172456-74280	VALVE, OVER-LOAD	2							
30	3	172B57-74280	SECTION ASSY, BUCKET	1							
31	4	172458-74150	VALVE, REVERSE	1							
32	4	172458-74160	SPRING, CHECK VALVE	1							
33	4	172458-74230	O-RING, 1B S22	2							
34	4	172458-74240	COVER, PILOT B1	1							
35	4	172458-74250	COVER, PILOT A1	1							
36	4	172458-74260	BOLT, HEXAGON 5X20	4							
37	4	172B57-74350	SPOOL ASSY, BUCKET	1							
39	4	172458-74630	STAY, CHECK VALVE	1							
40	4	24315-000110	O-RING, 1BP11.0	1							
41	2	172458-74720	O-RING, 1BW G4	11							
42	2	172458-74730	BOLT, L380	4							
43	2	24311-000200	O-RING, 1AP20.0	11							
44	2	26716-080002	NUT, M8	4							

Fig.94. CONTROL VALVE(3/7)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74250	VALVE ASSY, BOOM	1							
2	3	172B57-74240	SECTION ASSY, BOOM	1							
3	4	172458-74150	VALVE, REVERSE	1							
4	4	172458-74160	SPRING, CHECK VALVE	1							
5	4	172458-74230	O-RING, 1B S22	2							
6	4	172458-74240	COVER, PILOT B1	1							
7	4	172458-74250	COVER, PILOT A1	1							
8	4	172458-74260	BOLT, HEXAGON 5X20	4							
9	4	172B57-74340	SPOOL ASSY, BOOM	1							
11	4	172458-74630	STAY, CHECK VALVE	1							
12	4	24315-000110	O-RING, 1BP11.0	1							
13	3	172456-74280	VALVE, OVER-LOAD	1							
14	2	172B16-74320	SECTION ASSY, TRAVEL2	1							
15	3	172458-74130	WIPER, DUST	1							
16	3	172458-74140	RETAINER, SEAL	1							
17	3	172458-74170	CAP, SPRING	1							
18	3	172458-74290	VALVE, REVERSE	1							
19	3	172458-74360	SPRING, CHECK VALVE	1							
21	3	172B16-74440	SPOOL ASSY, TRAVEL	1							
22	3	172458-74640	STAY, CHECK VALVE	1							
23	3	24311-000120	O-RING, 1AP12.0	1							
24	3	24315-000110	O-RING, 1BP11.0	1							
25	3	26450-050102	BOLT, M5X 10	2							
26	3	26450-050182	BOLT, M5X 18	2							
27	2	24315-000090	O-RING, 1BP9.0	1							
28	2	24315-000100	O-RING, 1BP10.0	1							

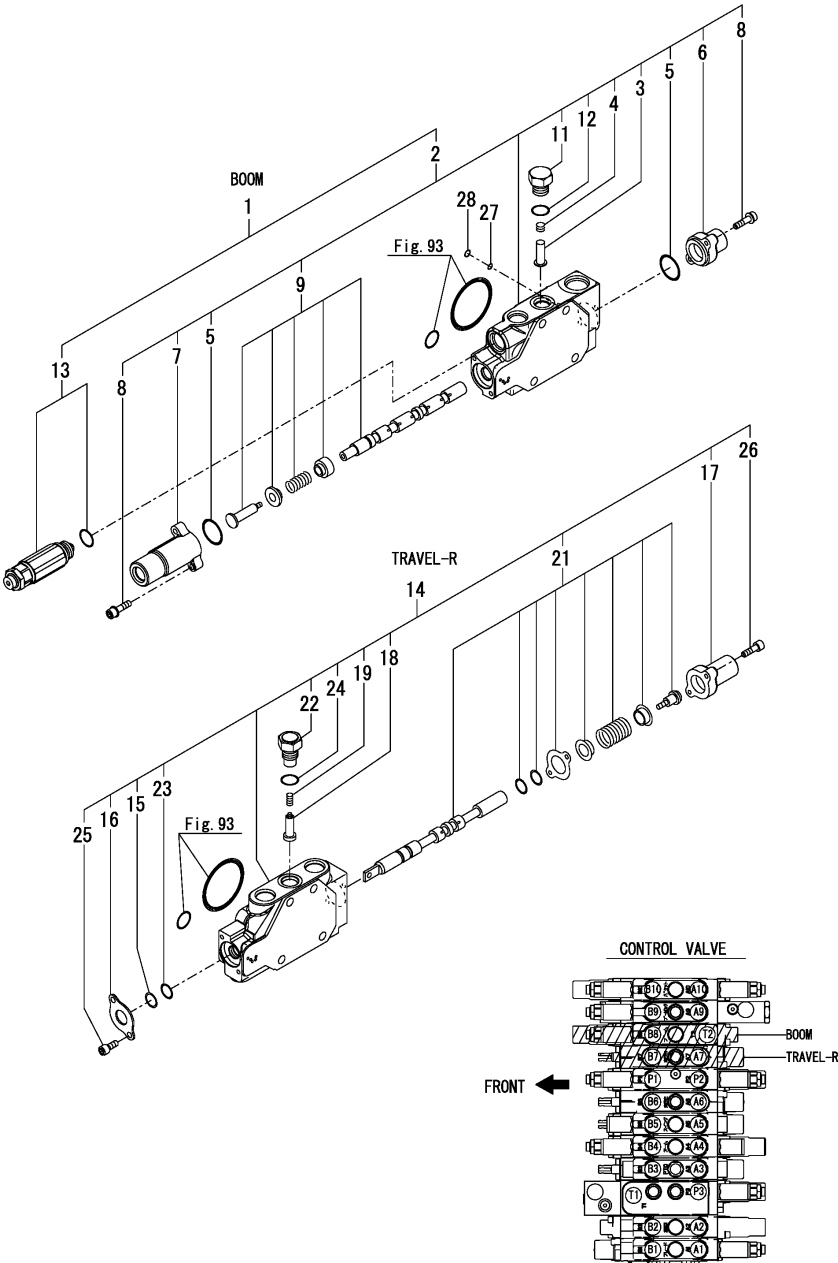
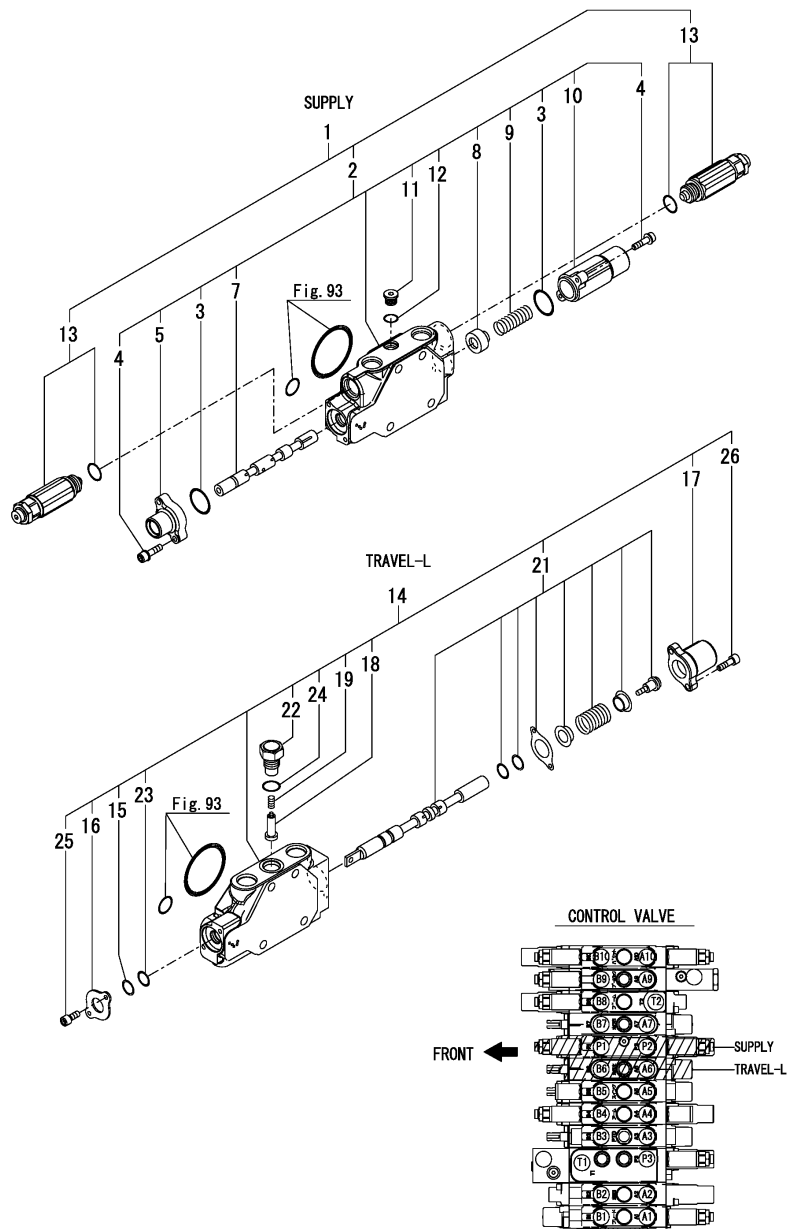
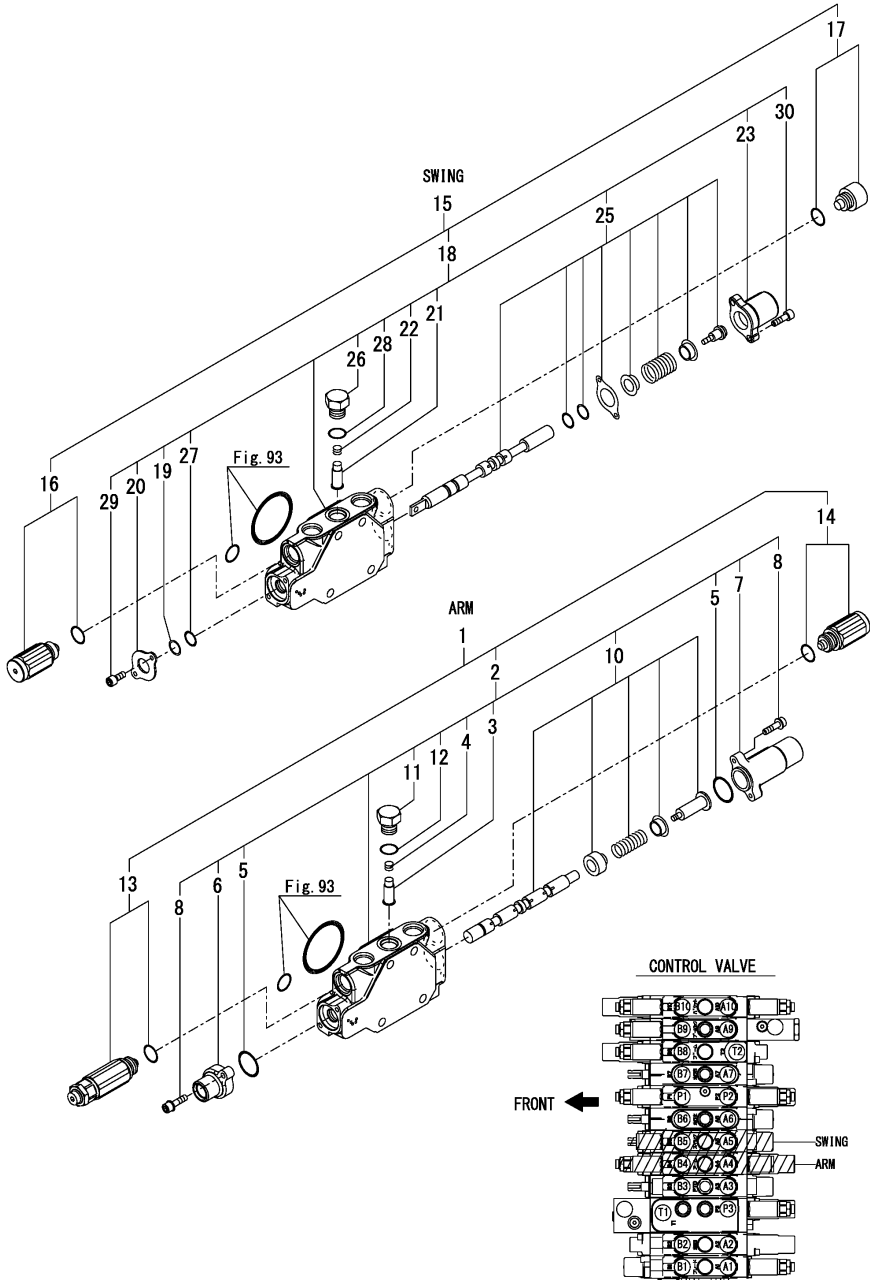


Fig.95. CONTROL VALVE(4/7)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74230	VALVE ASSY, INLET	1							
2	3	172B16-74310	SECTION ASSY, INLET	1							
3	4	172458-74230	O-RING, 1B S22	2							
4	4	172458-74260	BOLT, HEXAGON 5X20	4							
5	4	172A47-74380	COVER, PILOT B5	1							
7	4	172B16-74470	SPOOL ASSY, INLET	1							
8	4	172458-74530	SEAT, SPRING	1							
9	4	172458-74540	SPRING, RETURN	1							
10	4	172458-74550	COVER, PILOT A2	1							
11	4	172458-74670	PLUG, PF1/8	1							
12	4	24315-000080	O-RING, 1BP8.0	1							
13	3	172456-74400	VALVE, RELIEF 210/20	2							
14	2	172B16-74300	SECTION ASSY, TRAVEL 1	1							
15	3	172458-74130	WIPER, DUST	1							
16	3	172458-74140	RETAINER, SEAL	1							
17	3	172458-74170	CAP, SPRING	1							
18	3	172458-74290	VALVE, REVERSE	1							
19	3	172458-74360	SPRING, CHECK VALVE	1							
21	3	172B16-74440	SPOOL ASSY, TRAVEL	1							
22	3	172458-74640	STAY, CHECK VALVE	1							
23	3	24311-000120	O-RING, 1AP12.0	1							
24	3	24315-000110	O-RING, 1BP11.0	1							
25	3	26450-050102	BOLT, M5X 10	2							
26	3	26450-050182	BOLT, M5X 18	2							

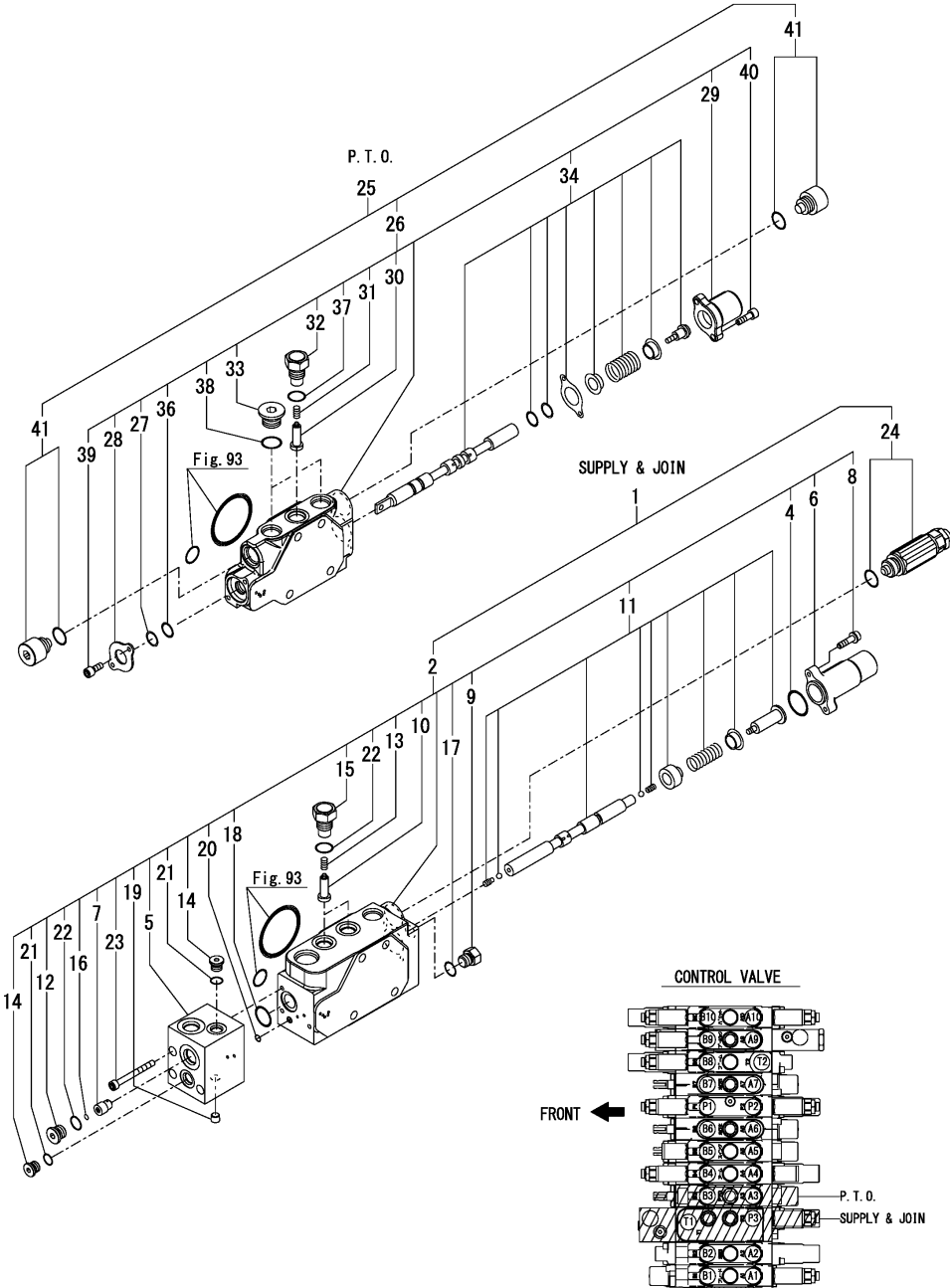
Fig.96. CONTROL VALVE(5/7)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74210	VALVE ASSY, ARM	1							
2	3	172B57-74200	SECTION ASSY, ARM	1							
3	4	172458-74150	VALVE, REVERSE	1							
4	4	172458-74160	SPRING, CHECK VALVE	1							
5	4	172458-74230	O-RING, 1B S22	2							
6	4	172458-74240	COVER, PILOT B1	1							
7	4	172458-74250	COVER, PILOT A1	1							
8	4	172458-74260	BOLT, HEXAGON 5X20	4							
10	4	172B57-74330	SPOOL ASSY, ARM	1							
11	4	172458-74630	STAY, CHECK VALVE	1							
12	4	24315-000110	O-RING, 1BP11.0	1							
13	3	172447-74221	VALVE ASSY, RELIEF	1							
14	3	172447-74230	ANTI-CAVITATION ASSY	1							
15	2	172B57-74222	VALVE ASSY, B SWING	1							
16	3	172447-74230	ANTI-CAVITATION ASSY	1							
17	3	172456-74290	PLUG, RELIEF VALVE	1							
18	3	172B02-74320	SECTION ASSY, SWING	1							
19	4	172458-74130	WIPER, DUST	1							
20	4	172458-74140	RETAINER, SEAL	1							
21	4	172458-74150	VALVE, REVERSE	1							
22	4	172458-74160	SPRING, CHECK VALVE	1							
23	4	172458-74170	CAP, SPRING	1							
25	4	172B02-74340	SPOOL ASSY, SWING	1							
26	4	172458-74630	STAY, CHECK VALVE	1							
27	4	24311-000120	O-RING, 1AP12.0	1							
28	4	24315-000110	O-RING, 1BP11.0	1							
29	4	26450-050102	BOLT, M5X 10	2							
30	4	26450-050182	BOLT, M5X 18	2							

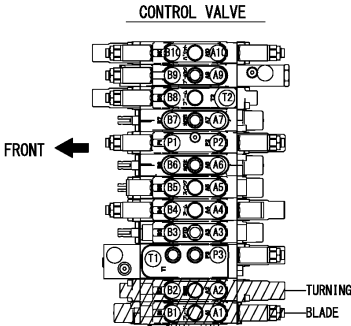
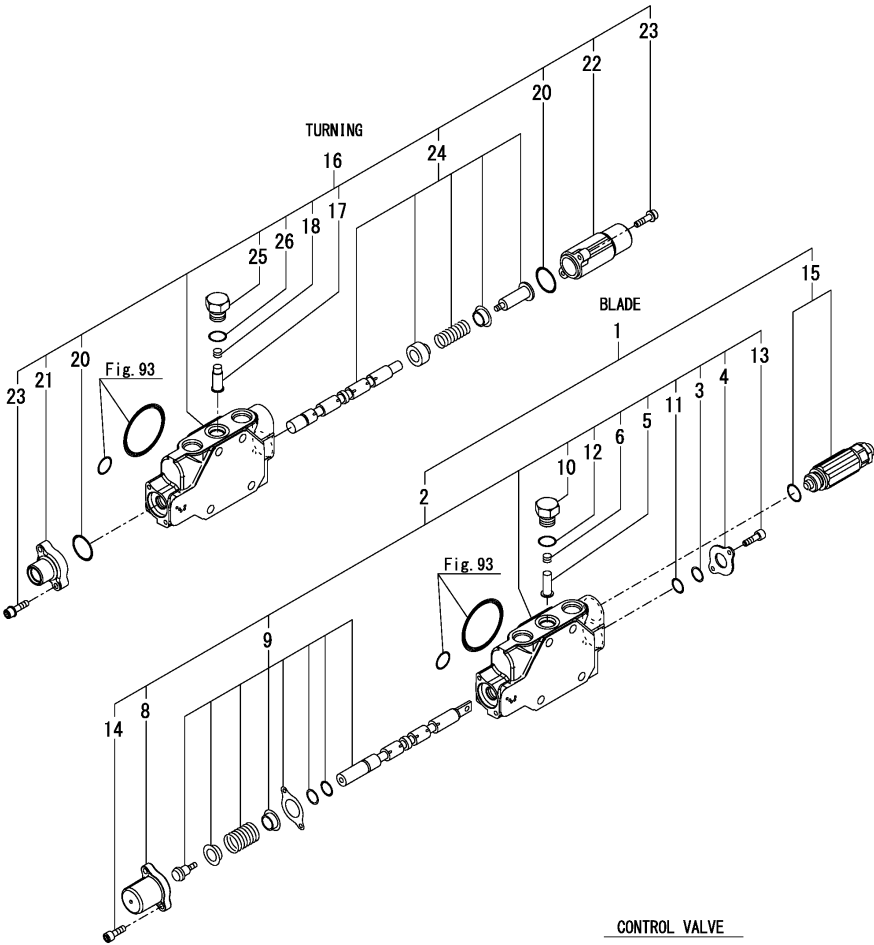
(A)=VIO20-6(KR)
(B)=
(C)=

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

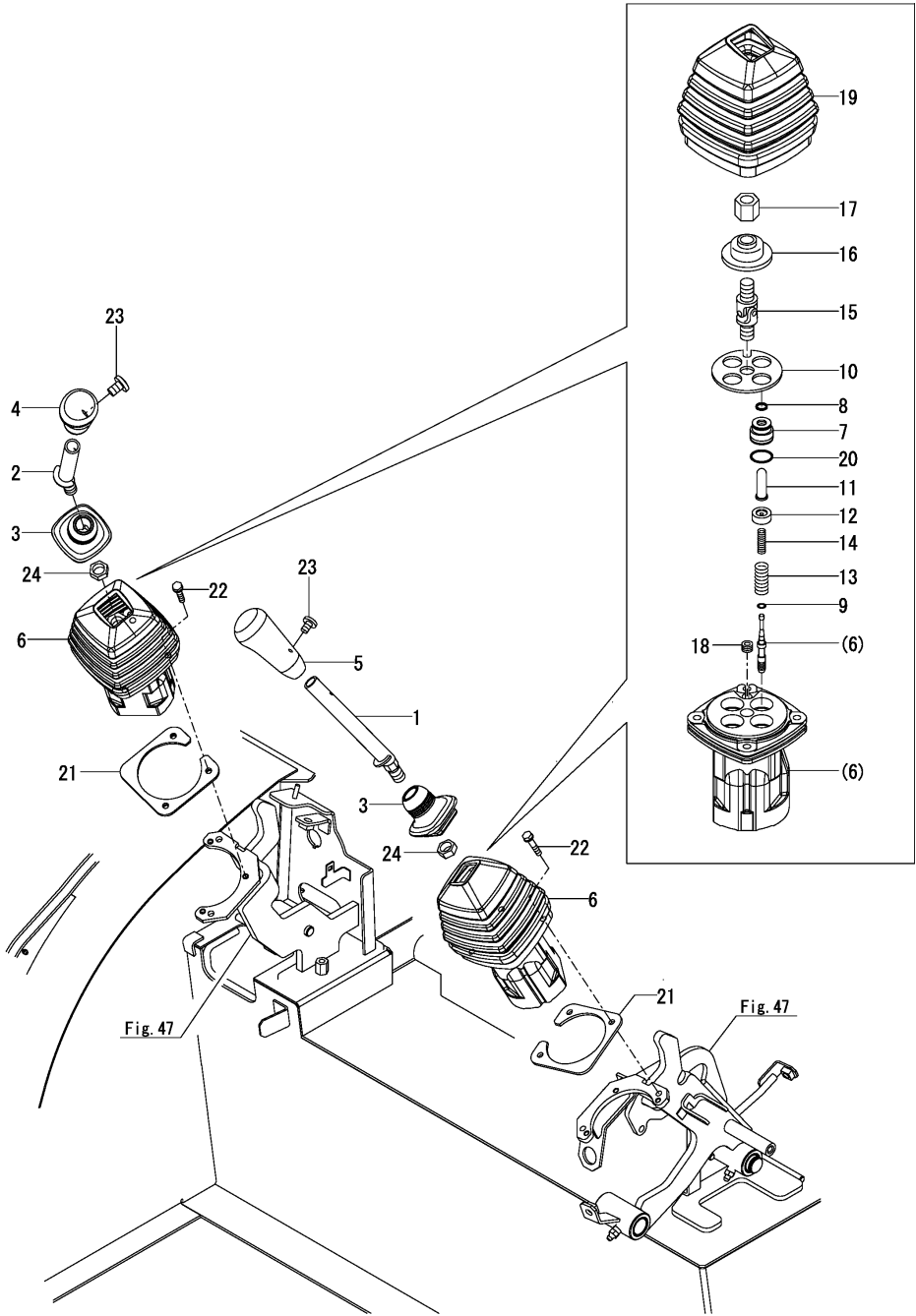


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74170	VALVE ASSY, CONFLUX	1							
2	3	172B57-74160	SECTION ASSY, CONFLUX	1							
4	4	172458-74230	O-RING, 1B S22	1							
5	4	172B02-74240	BLOCK, PILOT	1							
6	4	172458-74250	COVER, PILOT A1	1							
7	4	172B02-74250	PLUG, THROTTLE	1							
8	4	172458-74260	BOLT, HEXAGON 5X20	2							
9	4	172A47-74260	PLUG, SAE1/4	1							
10	4	172458-74290	VALVE, REVERSE	2							
11	4	172B57-74320	SPOOL ASSY, CONFLUX	1							
12	4	172183-74350	PLUG, PF1/4	1							
13	4	172458-74360	SPRING, CHECK VALVE	2							
14	4	172B57-74360	PLUG, PF1/8	2							
15	4	172458-74640	STAY, CHECK VALVE	2							
16	4	172499-74860	FILTER, COIN	1							
17	4	172A47-74950	O-RING, AS568-904	1							
18	4	172A47-75680	O-RING, AS 1B17	1							
19	4	172A47-75720	PLUG, NPT1/16	1							
20	4	24315-000050	O-RING, 1BP5.0	2							
21	4	24315-000080	O-RING, 1BP8.0	2							
22	4	24315-000110	O-RING, 1BP11.0	3							
23	4	26450-050502	BOLT, M5X 50	3							
24	3	172456-74270	VALVE, RELIEF 170/20	1							
25	2	172B57-74192	VALVE ASSY, PTO	1							
26	3	172B57-74182	SECTION ASSY, PTO	1							
27	4	172458-74130	WIPER, DUST	1							
28	4	172458-74140	RETAINER, SEAL	1							
29	4	172458-74170	CAP, SPRING	1							
30	4	172490-74310	VALVE, REVERSE	1							
31	4	172490-74320	SPRING, CHECK VALVE	1							
32	4	172490-74330	STAY, CHECK VALVE	1							
33	4	172B57-74370	PLUG, PF3/8	2							
34	4	172B16-74390	SPOOL ASSY, PTO	1							
36	4	24311-000120	O-RING, 1AP12.0	1							
37	4	24315-000110	O-RING, 1BP11.0	1							
38	4	24315-000140	O-RING, 1BP14.0	2							
39	4	26450-050102	BOLT, M5X 10	2							
40	4	26450-050182	BOLT, M5X 18	2							
41	3	172456-74290	PLUG, RELIEF VALVE	2							

Fig.98. CONTROL VALVE(7/7)



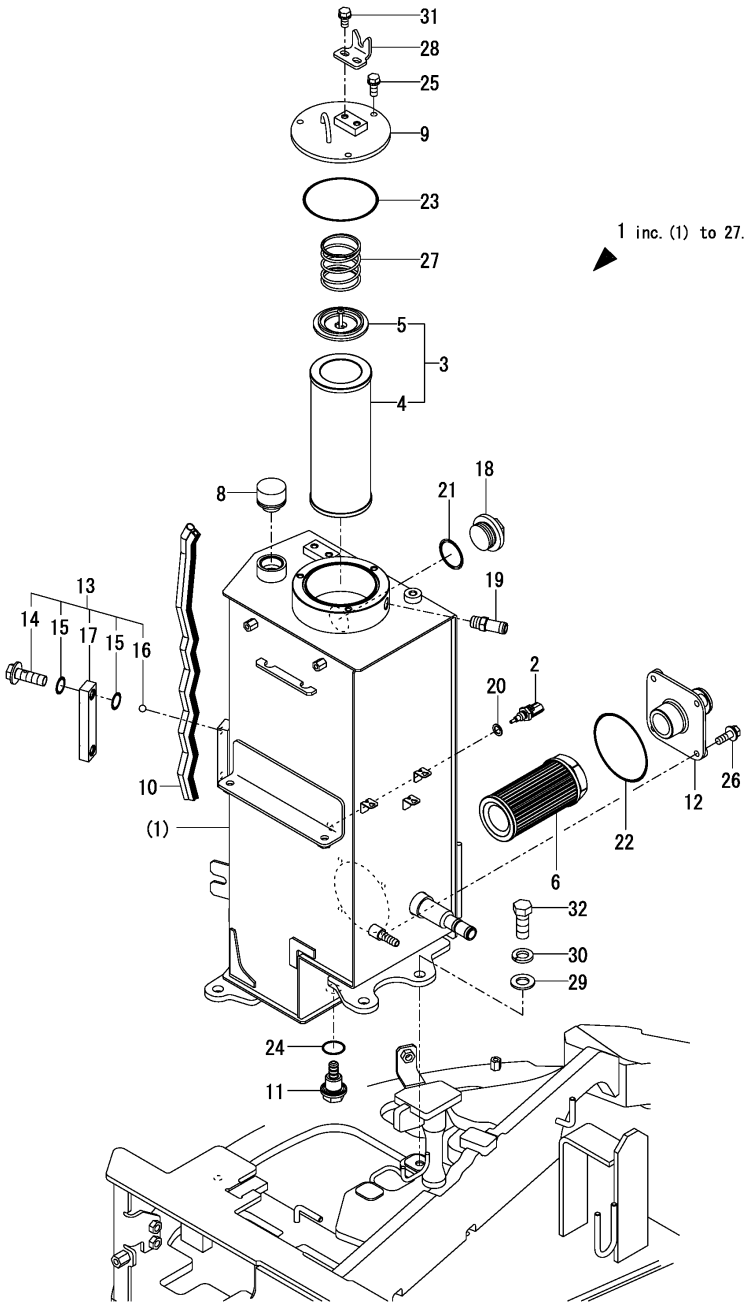
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							(A)=VIO20-6(KR)						(D)=	
							(B)=						(E)=	
							(C)=						(F)=	
No.	Lev.	Parts No.	Description				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172B57-74152	VALVE ASSY, BLADE				1							
2	3	172B16-74240	SECTION ASSY, BLADE				1							
3	4	172458-74130	WIPER, DUST				1							
4	4	172458-74140	RETAINER, SEAL				1							
5	4	172458-74150	VALVE, REVERSE				1							
6	4	172458-74160	SPRING, CHECK VALVE				1							
8	4	172458-74170	CAP, SPRING				1							
9	4	172B16-74360	SPOOL ASSY, BLADE				1							
10	4	172458-74630	STAY, CHECK VALVE				1							
11	4	24311-000120	O-RING, 1AP12.0				1							
12	4	24315-000110	O-RING, 1BP11.0				1							
13	4	26450-050102	BOLT, M5X 10				2							
14	4	26450-050182	BOLT, M5X 18				2							
15	3	172458-74700	VALVE, OVER-LOAD				1							
16	2	172B16-74250	SECTION ASSY, SWING				1							
17	3	172458-74150	VALVE, REVERSE				1							
18	3	172458-74160	SPRING, CHECK VALVE				1							
20	3	172458-74230	O-RING, 1B S22				2							
21	3	172458-74240	COVER, PILOT B1				1							
22	3	172458-74250	COVER, PILOT A1				1							
23	3	172458-74260	BOLT, HEXAGON 5X20				4							
24	3	172B16-74370	SPOOL ASSY, TURNING				1							
25	3	172458-74630	STAY, CHECK VALVE				1							
26	3	24315-000110	O-RING, 1BP11.0				1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-45010	LEVER ASSY, L	1							
2	1	172B03-45050	LEVER ASSY, R	1							
3	1	172B03-45070	BOOT, LEVER	2							
4	1	172A46-45500	KNOB ASSY, R	1							
5	1	172A46-45510	KNOB ASSY, L	1							
6	1	172B03-74500	VALVE ASSY, REMO-CON	2							
7	2	172151-73400	PLUG	8							
8	2	172151-73420	SEAL	8							
9	2	172151-73450	WASHER	8							
10	2	172A64-74590	PLATE	2							
11	2	172A64-74601	ROD, PUSH	8							
12	2	172A64-74611	SEAT, SPRING	8							
13	2	172A64-74630	SPRING	8							
14	2	172B03-74630	SPRING	8							
15	2	172A64-74640	JOINT	2							
16	2	172A64-74650	PLATE, CIRCULAR	2							
17	2	172A64-74660	NUT, ADJUST	2							
18	2	172A64-74670	BUSH	2							
19	2	172A64-74680	BELLOWS	2							
20	2	24315-000200	O-RING, 1BP20.0	8							
21	1	172A78-74651	PLATE, VALVE	2							
22	1	26014-060352	BOLT, M6X 35	6							
23	1	26587-040062	SCREW, M4X 6	2							
24	1	26756-140002	NUT, LOCK M14	2							

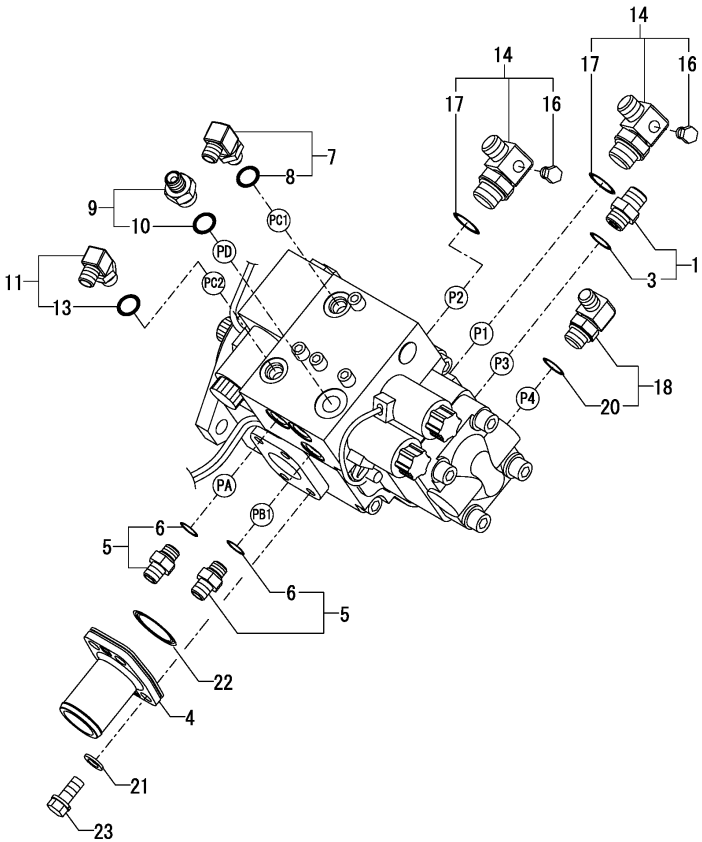
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-08370	RESERVOIR KIT	1							
2	2	129927-44900	SENSOR, TEMPERATURE	1							
3	2	172B57-73700	FILTER ASSY, RETURN	1							
4	3	172B57-73710	ELEMENT	1							
5	3	172B57-73720	VALVE, BYPASS	1							
6	2	172B57-73730	STRAINER, SUCTION	1							
8	2	172446-75250	CAP, RESERVOIR	1							
9	2	172B57-75430	COVER ASSY,INTAKE	1							
10	2	172B16-75450	RUBBER, SEAL 495	1							
11	2	172187-75500	PLUG, MAGNET 24	1							
12	2	172A46-75500	FLANGE, SUCTION	1							
13	2	172A69-75600	GAUGE, OIL LEVEL	1							
14	3	172455-75290	BOLT, OIL M10	2							
15	3	172455-75300	O-RING	4							
16	3	172455-75310	FLOAT	1							
17	3	172A69-75610	GAUGE, OIL LEVEL	1							
18	2	172116-75850-B	PLUG, OIL FEED	1							
19	2	172637-76110	ADAPTER, DRAIN	1							
20	2	22190-120002	WASHER, SEAL 12	1							
21	2	24311-000380	O-RING, 1AP38.0	1							
22	2	24321-001050	O-RING, 1AG105.0	1							
23	2	24321-001050	O-RING, 1AG105.0	1							
24	2	24341-000300	O-RING, 1AS30.0	1							
25	2	26014-080202	BOLT, M8X 20	3							
26	2	26014-080252	BOLT, M8X 25	4							
27	2	933152-02710	SPRING, CLUTCH	1							
28	1	172B57-65560	PLATE, GUIDE	1							
29	1	22137-140000	WASHER, 14	3							
30	1	22217-140000	WASHER, SPRING 14	3							
31	1	26014-080162	BOLT, M8X 16	2							
32	1	26116-140352	BOLT, M14X 35 PLATED	3							

Fig.101. HYDRAULIC PUMP(FITTING)(QUICK COUPLER SPEC.)



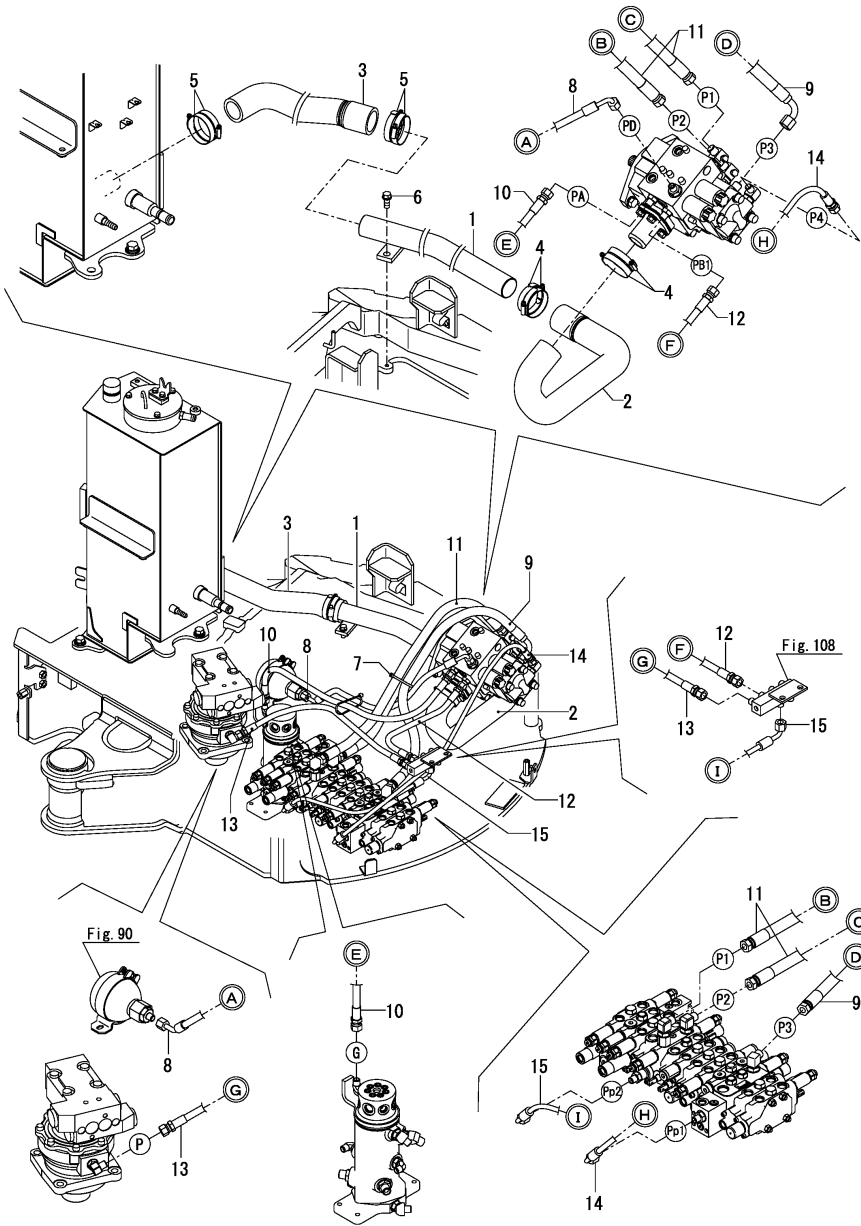
(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
3	2	24319-000140	PACKING,HNBR-90 P 14	1							
4	1	172422-76100	FLANGE, 40.5	1							
5	1	172123-76122	ADAPTER PF1/2	2							
6	2	24319-000110	PACKING,HNBR-90 P 11	2							
7	1	172958-76130	ELBOW, PF-1/4-PF1/4	1							
8	2	24315-000110	O-RING, 1BP11.0	1							
9	1	172124-76161	CONNECTOR	1							
10	2	24319-000140	PACKING,HNBR-90 P 14	1							
11	1	172141-76181	CONNECTOR ASSY, 02FF	1							
13	2	41851-000110	O-RING, P11.0 HNBR	1							
14	1	172653-76220	ELBOW ASSY, 3/8-1/2	2							
16	2	172460-76570	PLUG, SCREW	2							
17	2	24315-000180	O-RING, 1BP18.0	2							
18	1	172141-76920	CONNECTOR ASSY	1							
20	2	24319-000140	PACKING,HNBR-90 P 14	1							
21	1	22117-100000	WASHER, 10	4							
22	1	24321-000400	O-RING, 1AG40.0	1							
23	1	26013-100252	BOLT, M10X 25	4							

(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-76700	TUBE ASSY, SUCTION	1							
2	1	172B57-78100	HOSE, SUCTION A	1							
3	1	172B57-78110	HOSE, SUCTION B	1							
4	1	23001-060000	CLAMP, HOSE 60	4							
5	1	23001-060000	CLAMP, HOSE 60	4							
6	1	26013-100252	BOLT, M10X 25	2							
7	1	172126-11510	BAND, BINDING 300	3							
8	1	172B57-78130	HOSE, F403CE060S	1							
9	1	172B57-78140	HOSE, H206BC074S	1							
10	1	172845-78150	HOSE,F403BB069S	1							
11	1	172B57-78560	HOSE, H206BB068S	2							
12	1	172B03-78600	HOSE, F403BB042S	1							
13	1	172B57-78600	HOSE, F403BB065S	1							
14	1	172B04-78610	HOSE, F403BC088S	1							
15	1	172B57-78640	HOSE, F403CC051S	1							

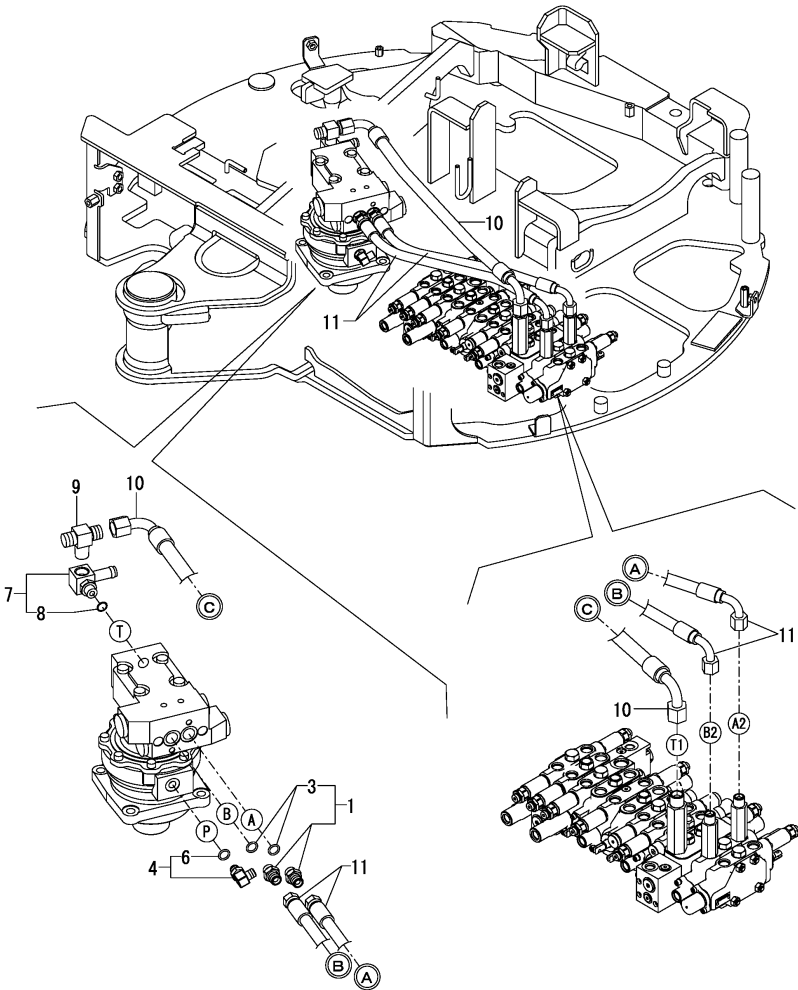
Remarks
* Fitting(hydraulic pump) is shown in Fig.101.
* Fitting(control valve) is shown in Fig.104 & 105,106 & 107 .

Fig.103. CONTROL VALVE - TURNING MOTOR

(A)=VIO20-6(KR)
(B)=
(C)=

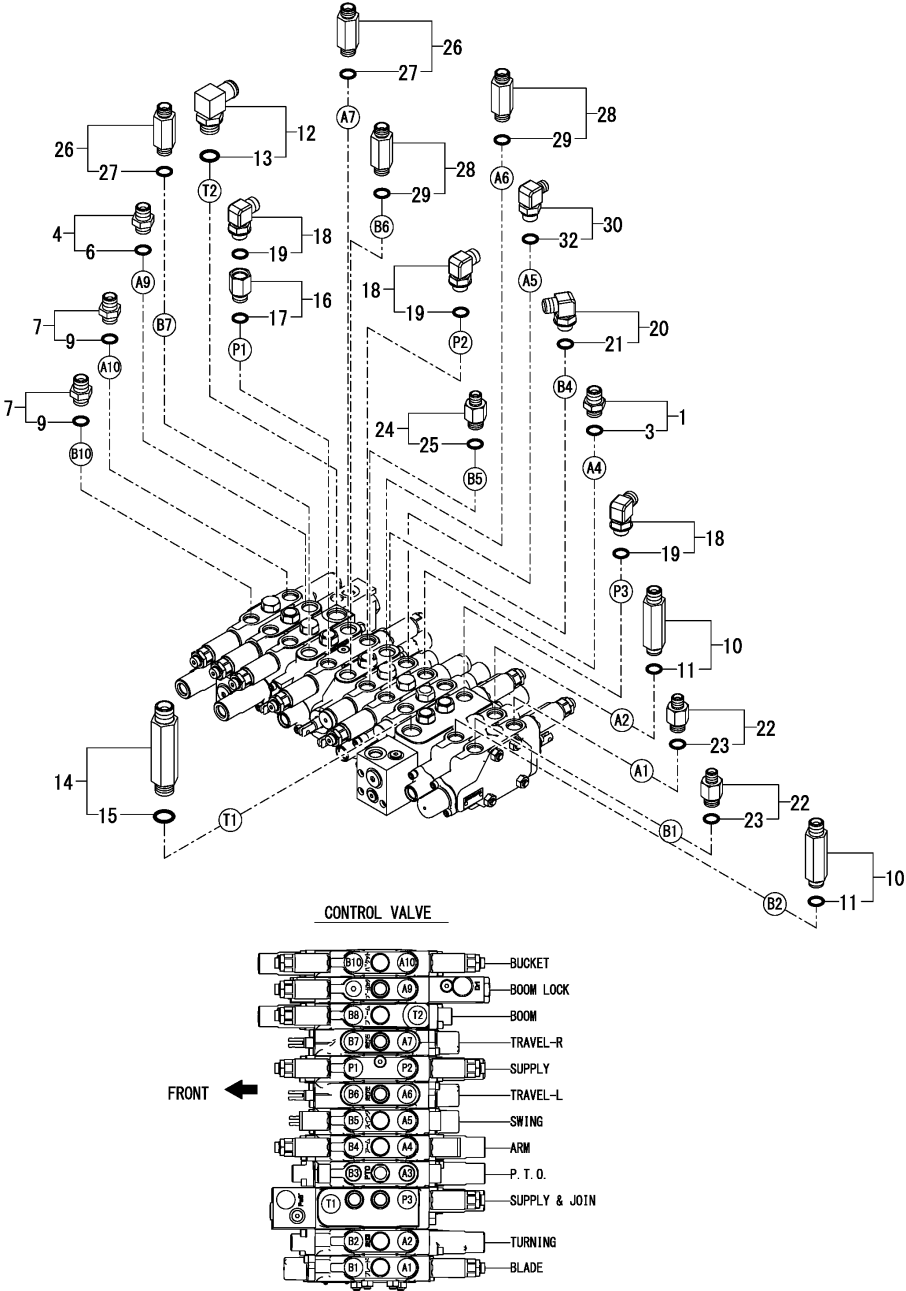
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8	2							
3	2	24319-000140	PACKING,HNBR-90 P 14	2							
4	1	172141-76181	CONNECTOR ASSY, 02FF	1							
6	2	41851-000110	O-RING, P11.0 HNBR	1							
7	1	172A23-76200	ELBOW, 90 1/2-3/8	1							
8	2	41851-000140	O-RING, P 14.0 HNBR	1							
9	1	172456-76100	TEE, PT1/2-PF1/2	1							
10	1	172B57-78180	HOSE, G608CC063S	1							
11	1	172B57-78900	HOSE, P206BC048S	2							



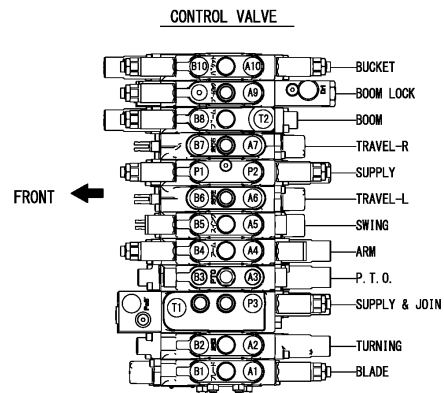
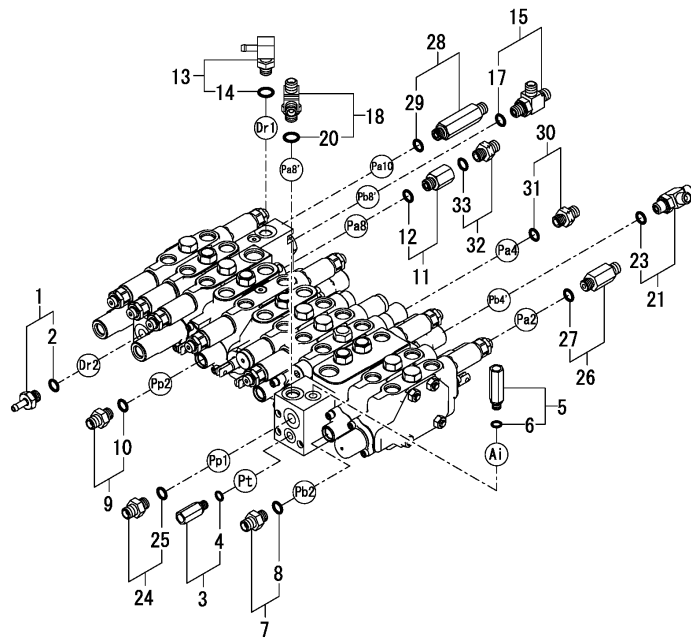
Remarks
* Fitting(control valve) is shown in Fig92.

Fig.104. CONTROL VALVE(FITTING)(1)



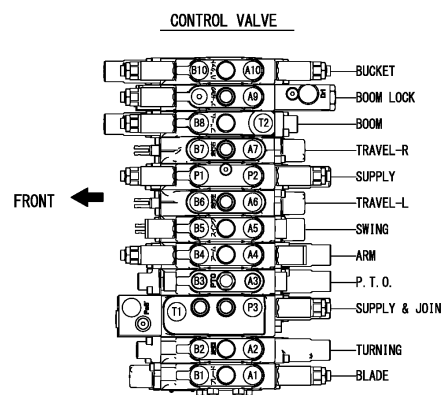
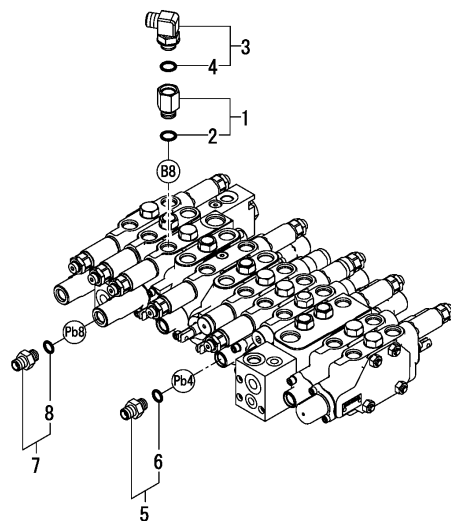
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
3	2	24319-000140	PACKING,HNBR-90 P 14	1							
4	1	172730-75142	CONNECTOR, G3/8-G3/8	1							
6	2	24319-000140	PACKING,HNBR-90 P 14	1							
7	1	172730-75142	CONNECTOR, G3/8-G3/8	2							
9	2	24319-000140	PACKING,HNBR-90 P 14	2							
10	1	172162-76132	ADAPTER, MALE/MALE	2							
11	2	24319-000140	PACKING,HNBR-90 P 14	2							
12	1	172164-76131	ELBOW, 90 3/4-1/2	1							
13	2	24315-000180	O-RING, 1BP18.0	1							
14	1	172458-76131	CONNECTOR PF1/2-1/2	1							
15	2	24319-000180	PACKING,HNBR-90 P 18	1							
16	1	172A52-76130	ADAPTER, G3/8	1							
17	2	24315-000140	O-RING, 1BP14.0	1							
18	1	172142-76181	JOINT, 90-3/8	3							
19	2	24315-000140	O-RING, 1BP14.0	3							
20	1	172142-76181	JOINT, 90-3/8	1							
21	2	24315-000140	O-RING, 1BP14.0	1							
22	1	172147-76261	CONNECTOR 3/8X1/4	2							
23	2	24319-000140	PACKING,HNBR-90 P 14	2							
24	1	172147-76261	CONNECTOR 3/8X1/4	1							
25	2	24319-000140	PACKING,HNBR-90 P 14	1							
26	1	172116-76382	ADAPTER 64	2							
27	2	24319-000140	PACKING,HNBR-90 P 14	2							
28	1	172116-76382	ADAPTER 64	2							
29	2	24319-000140	PACKING,HNBR-90 P 14	2							
30	1	172141-76920	CONNECTOR ASSY	1							
32	2	24319-000140	PACKING,HNBR-90 P 14	1							

Fig.105. CONTROL VALVE(FITTING)(2)



No.	Lev.	Parts No.	Description	(A)=VIO20-6(KR)			(D)=			I	R
				(B)=	(C)=	(E)=	(F)=				
				Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76081	NIPPLE, G1/4	1							
2	2	24319-000110	PACKING,HNBR-90 P 11	1							
3	1	172A47-76111	CONNECTOR, G1/8XR1/8	1							
4	2	24315-000080	O-RING, 1BP8.0	1							
5	1	172A79-76110	CONNECTOR, G1/8XR1/8	1							
6	2	24315-000080	O-RING, 1BP8.0	1							
7	1	172123-76122	ADAPTER PF1/2	1							
8	2	24319-000110	PACKING,HNBR-90 P 11	1							
9	1	172123-76122	ADAPTER PF1/2	1							
10	2	24319-000110	PACKING,HNBR-90 P 11	1							
11	1	172422-76141	ADAPTER PF1/4, M.&F.	1							
12	2	24319-000110	PACKING,HNBR-90 P 11	1							
13	1	172458-76150	NIPPLE, ELBOW PF1/4	1							
14	2	24315-000110	O-RING, 1BP11.0	1							
15	1	172162-76181	JOINT ASSY, 1/4 T	1							
17	2	41851-000110	O-RING, P11.0 HNBR	1							
18	1	172162-76181	JOINT ASSY, 1/4 T	1							
20	2	41851-000110	O-RING, P11.0 HNBR	1							
21	1	172162-76181	JOINT ASSY, 1/4 T	1							
23	2	41851-000110	O-RING, P11.0 HNBR	1							
24	1	172B03-76180	CONNECTOR, G1/4	1							
25	2	41851-000110	O-RING, P11.0 HNBR	1							
26	1	172183-76201	CONNECTOR 1/4-1/4	1							
27	2	24319-000110	PACKING,HNBR-90 P 11	1							
28	1	172B57-76220	CONNECTOR, 1/4-1/4	1							
29	2	41851-000110	O-RING, P11.0 HNBR	1							
30	1	172164-76331	JOINT PF1/4-0.7	1							
31	2	24319-000110	PACKING,HNBR-90 P 11	1							
32	1	172164-76331	JOINT PF1/4-0.7	1							
33	2	24319-000110	PACKING,HNBR-90 P 11	1							

Fig.106. CONTROL VALVE(FITTING)(3)

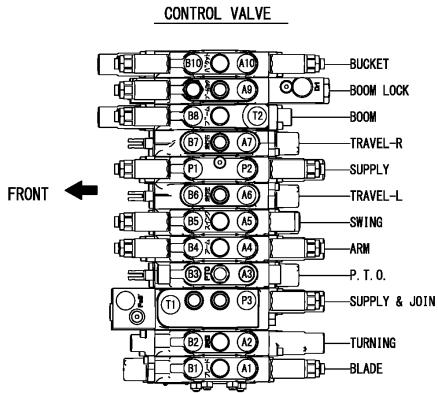
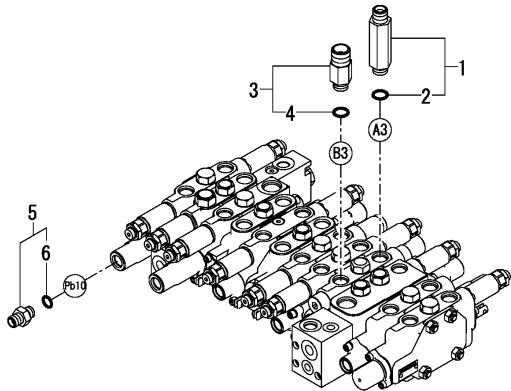


(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A52-76130	ADAPTER, G3/8	1							
2	2	24315-000140	O-RING, 1BP14.0	1							
3	1	172142-76181	JOINT, 90-3/8	1							
4	2	24315-000140	O-RING, 1BP14.0	1							
5	1	172123-76122	ADAPTER PF1/2	1							
6	2	24319-000110	PACKING,HNBR-90 P 11	1							
7	1	172123-76122	ADAPTER PF1/2	1							
8	2	24319-000110	PACKING,HNBR-90 P 11	1							

Fig.107. CONTROL VALVE(FITTING)(5)

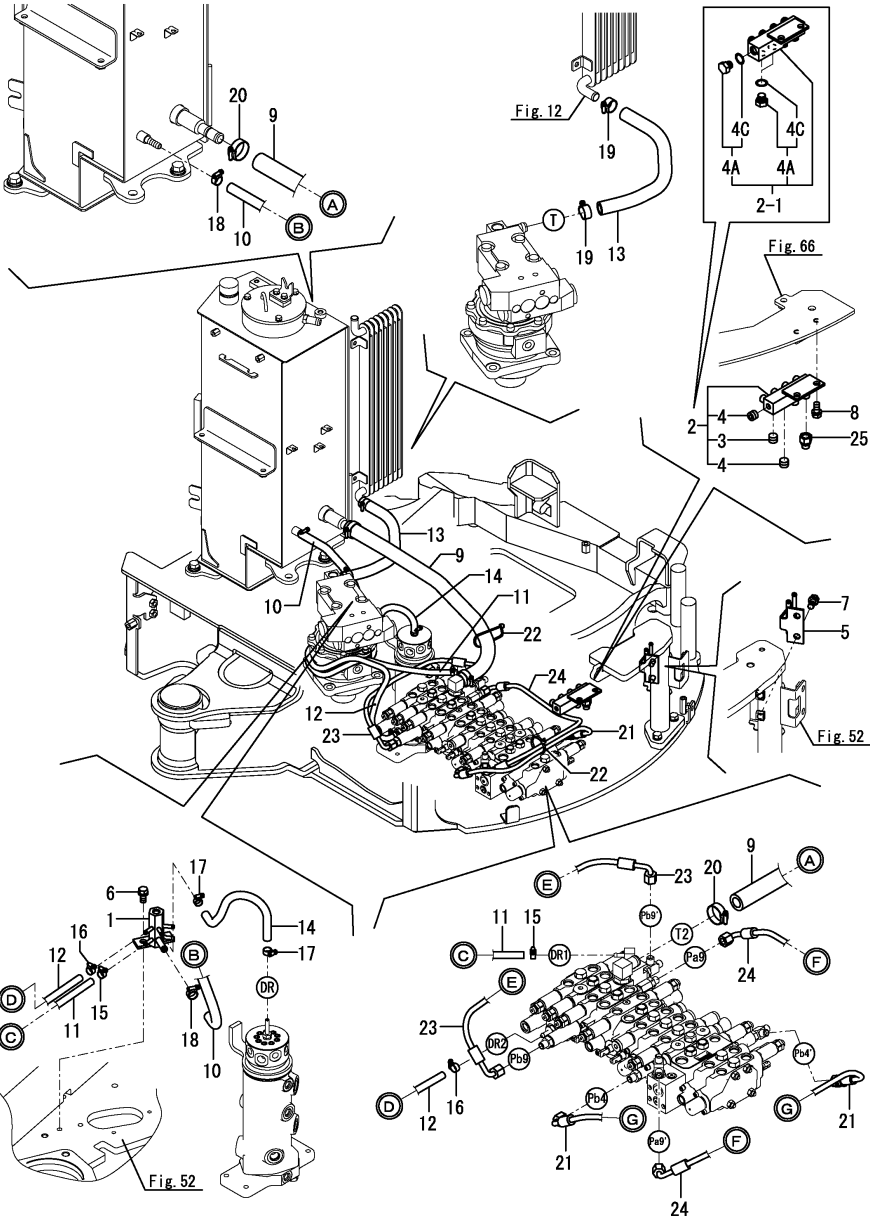


(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76132	ADAPTER, MALE/MALE	1							
2	2	24319-000140	PACKING,HNBR-90 P 14	1							
3	1	172422-76181	CONNECTOR PF3/8-1/2	1							
4	2	24319-000140	PACKING,HNBR-90 P 14	1							
5	1	172123-76122	ADAPTER PF1/2	1							
6	2	24319-000110	PACKING,HNBR-90 P 11	1							

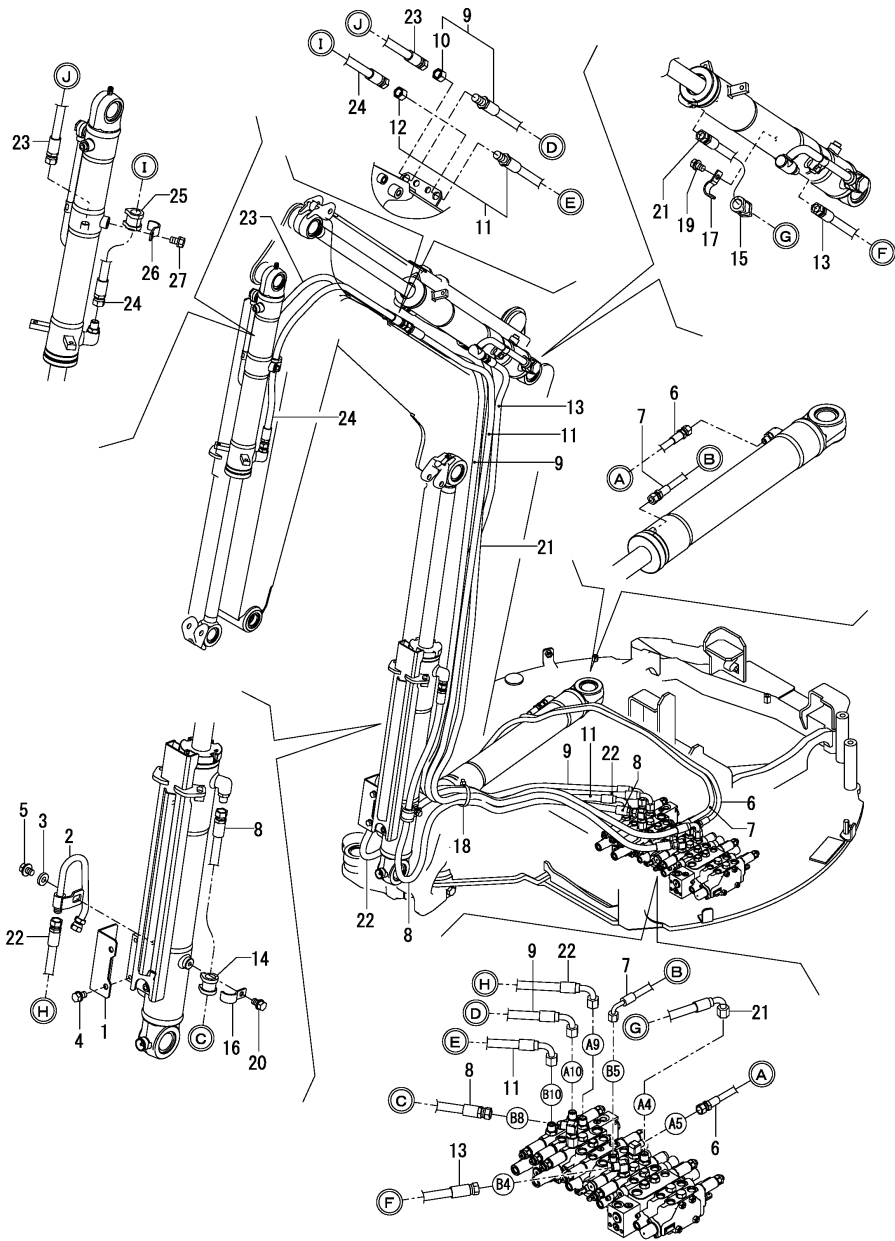
Fig.108. CONTROL VALVE - RETURN & DRAIN



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172445-76153	BLOCK, DRAIN	1							
2	1	172A47-76310	BLOCK, PILOT	1							
2-1	1	172A47-76340	CONNECTOR ASSY,PILOT	1							S
3	2	23871-010000 (A=M64799)	PLUG, R01	1							Z
4	2	23871-020000 (A=M64799)	PLUG, R02	2							Z
4A	2	172165-76591	PLUG, PF1/4	3							W
4C	3	24319-000110 (A=M64799)	PACKING,HNBR-90 P 11	3							W
5	1	172B57-76310	CONNECTOR ASSY	1							
6	1	26013-100202	BOLT, M10X 20	2							
7	1	26013-100202	BOLT, M10X 20	2							
8	1	26013-100202	BOLT, M10X 20	2							
9	1	172B57-78150	HOSE, G612YY063S	1							
10	1	172B57-78160	HOSE, G806YY044S	1							
11	1	172B57-78570	HOSE, G804YY066S	1							
12	1	172B36-78730	HOSE, G804YY076S	1							
13	1	172B57-78930	HOSE, G610YY041	1							
14	1	172B03-79290	HOSE, G804YY034S	1							
15	1	23000-013000	CLAMP, 13	2							
16	1	23000-013000	CLAMP, 13	2							
17	1	23000-013000	CLAMP, 13	2							
18	1	23001-016000	CLAMP, HOSE 16	2							
19	1	23001-022000	CLAMP, HOSE 22	2							
20	1	23001-035000	CLAMP, HOSE 35	2							
21	1	172458-78310	HOSE, F403BC053	1							
22	1	172126-11510	BAND, BINDING 300	2							
23	1	172B57-78440	HOSE, F403CC045S	1							
24	1	172B57-78510	HOSE, F403CC064	1							
25	1	1E3030-78370	CAP, SCREW	1							

Remarks
* Fitting(control valve) is shown in Fig.104, 105 & 106.

Fig.109. CONTROL VALVE - IMPLEMENT CYLINDER



(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-72051-N	COVER, CYLINDER	1							
2	1	172B57-72371	PIPE ASSY, BOOM	1							
3	1	172A79-72570	WASHER, 10.5X24X4.5	1							
4	1	26013-100162	BOLT, M10X 16	2							
5	1	26013-100202	BOLT, M10X 20	1							
6	1	172B57-78190	HOSE, F204BB109S	1							
7	1	172B57-78200	HOSE, F204BC122S	1							
8	1	172B57-78210	HOSE, H206BB149W	1							
9	1	172456-78241	HOSE, H206CX260K	1							
10	2	172455-79770	NUT, LOCK 3/8	1							
11	1	172456-78251	HOSE, H206CX250K	1							
12	2	172455-79770	NUT, LOCK 3/8	1							
13	1	172B57-78820	HOSE, H206BE232K	1							
14	1	172B03-79861	RUBBER, HOSE CLAMP	1							
15	1	172B03-79861	RUBBER, HOSE CLAMP	1							
16	1	172B03-79871	CLAMP, HOSE	1							
17	1	172B03-79871	CLAMP, HOSE	1							
18	1	172122-79890	CLAMP, HOSE 350	1							
19	1	26013-100162	BOLT, M10X 16	1							
20	1	26013-100162	BOLT, M10X 16	1							
21	1	172456-78180	HOSE, H206BC270K	1							
22	1	172456-78230	HOSE, H206BC114W	1							
23	1	172B57-78451	HOSE, H206BB073K	1							
24	1	172B57-78461	HOSE, H206BB091K	1							
25	1	172B03-79861	RUBBER, HOSE CLAMP	1							
26	1	172B03-79871	CLAMP, HOSE	1							
27	1	26013-100162	BOLT, M10X 16	1							

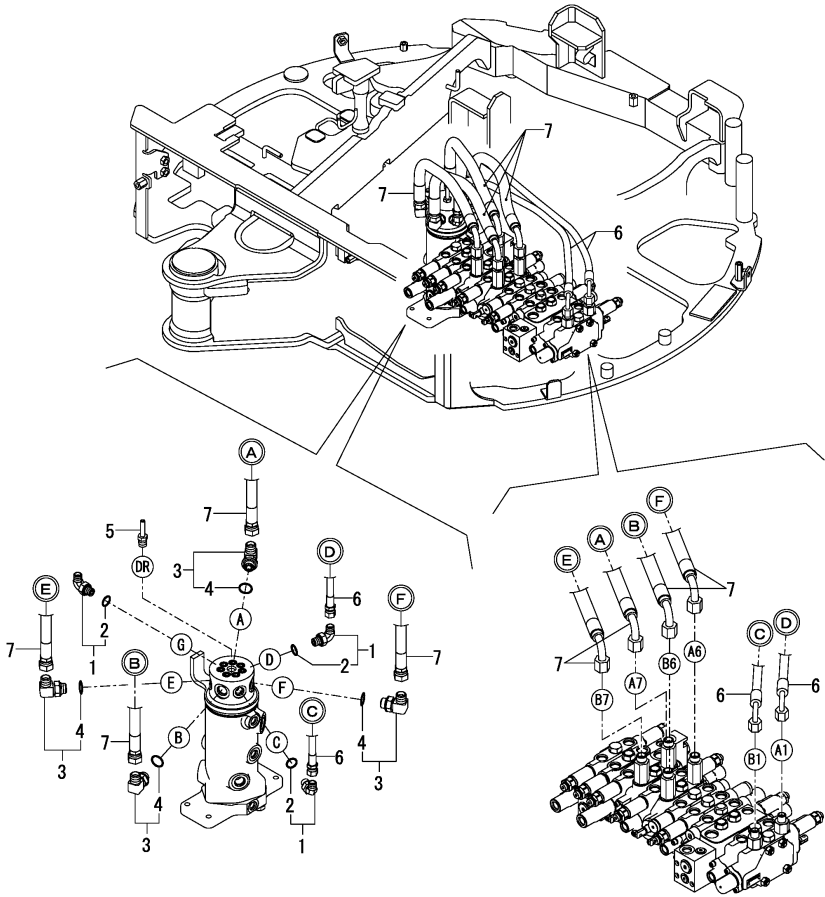
Remarks

* Fitting(control valve) is shown in Fig.104 & 106.

Fig.110. CONTROL VALVE - SWIVEL JOINT

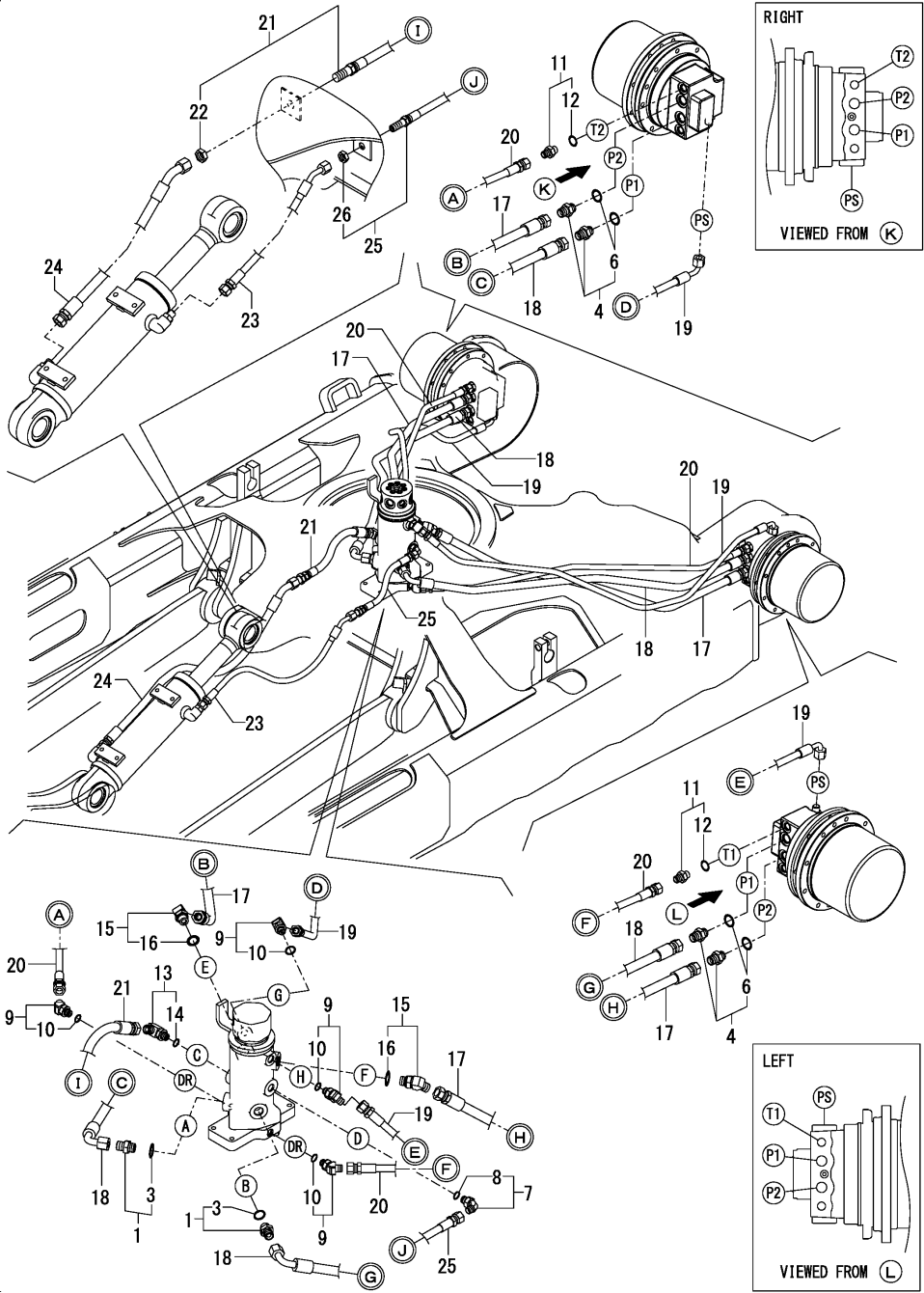
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-76010	ELBOW, G1/4	3							
2	2	41851-000110	O-RING, P11.0 HNBR	3							
3	1	172142-76181	JOINT, 90-3/8	4							
4	2	24315-000140	O-RING, 1BP14.0	4							
5	1	172141-76220	NIPPLE, 02	1							
6	1	172456-78170	HOSE, F204BC067S	2							
7	1	172422-78200	HOSE, P206BC048S	4							

Remarks
* Fitting(control valve) is shown in Fig.104.



(A)=VIO20-6(KR)
(B)=
(C)=

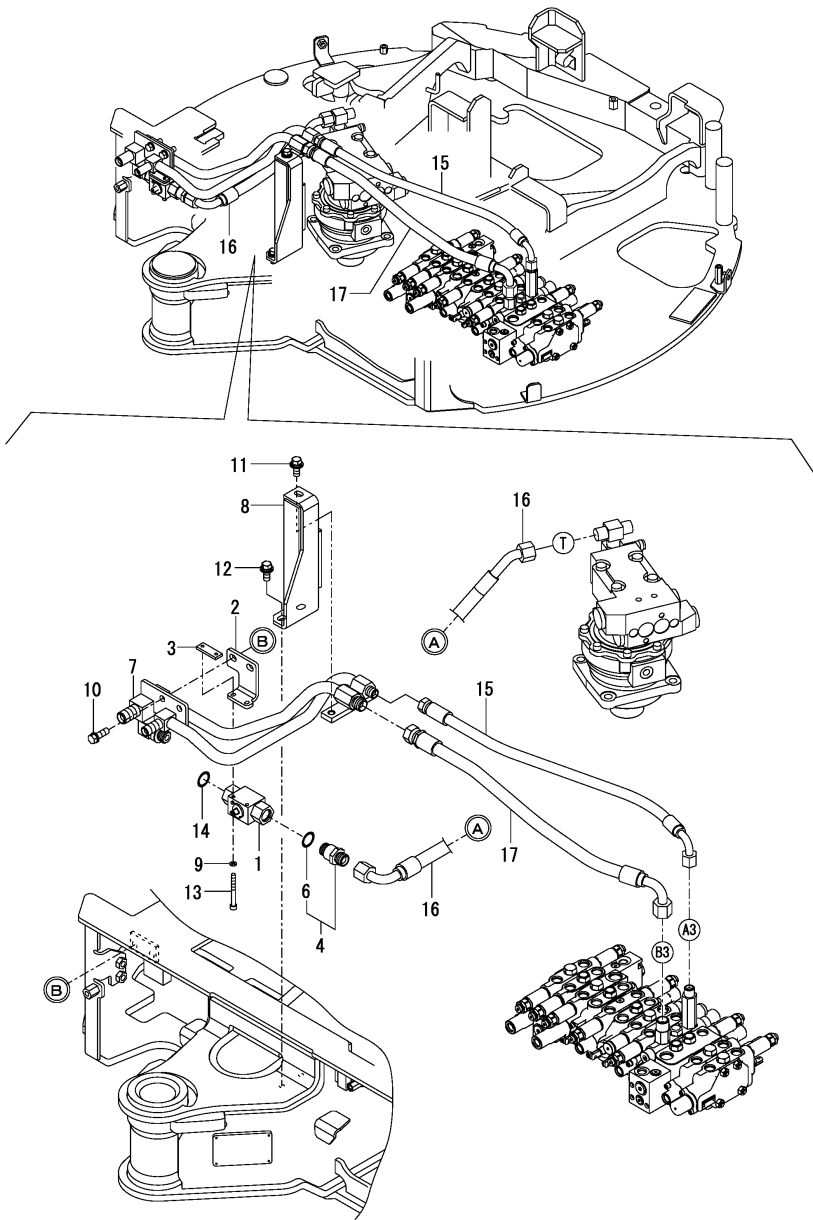
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8	2							
3	2	24319-000140	PACKING,HNBR-90 P 14	2							
4	1	172730-75142	CONNECTOR, G3/8-G3/8	4							
6	2	24319-000140	PACKING,HNBR-90 P 14	4							
7	1	172B03-76010	ELBOW, G1/4	1							
8	2	41851-000110	O-RING, P11.0 HNBR	1							
9	1	172173-76102	CONNECTOR ASSY	4							
10	2	41851-000110	O-RING, P11.0 HNBR	4							
11	1	172123-76122	ADAPTER PF1/2	2							
12	2	24319-000110	PACKING,HNBR-90 P 11	2							
13	1	172173-76121	CONNECTOR ASSY	1							
14	2	24315-000110	O-RING, 1BP11.0	1							
15	1	172644-76161	ELBOW, ADJUST 45	2							
16	2	24315-000140	O-RING, 1BP14.0	2							
17	1	172421-78131	HOSE, F206BB087W	2							
18	1	172456-78291	HOSE, F206BC087W	2							
19	1	172456-78301	HOSE, F204BC100W	2							
20	1	172456-78312	HOSE, F204BB083W	2							
21	1	172B57-78730	HOSE, H206BX025	1							
22	2	172455-79750	NUT, LOCK 3/8	1							
23	1	172B57-78780	HOSE, F204BE057W	1							
24	1	172B57-78790	HOSE, F206BE074W	1							
25	1	172B57-78990	HOSE, H204BX024	1							
26	2	172455-79740	NUT, LOCK 1/4	1							

(A)=VIO20-6(KR)
(B)=
(C)=

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

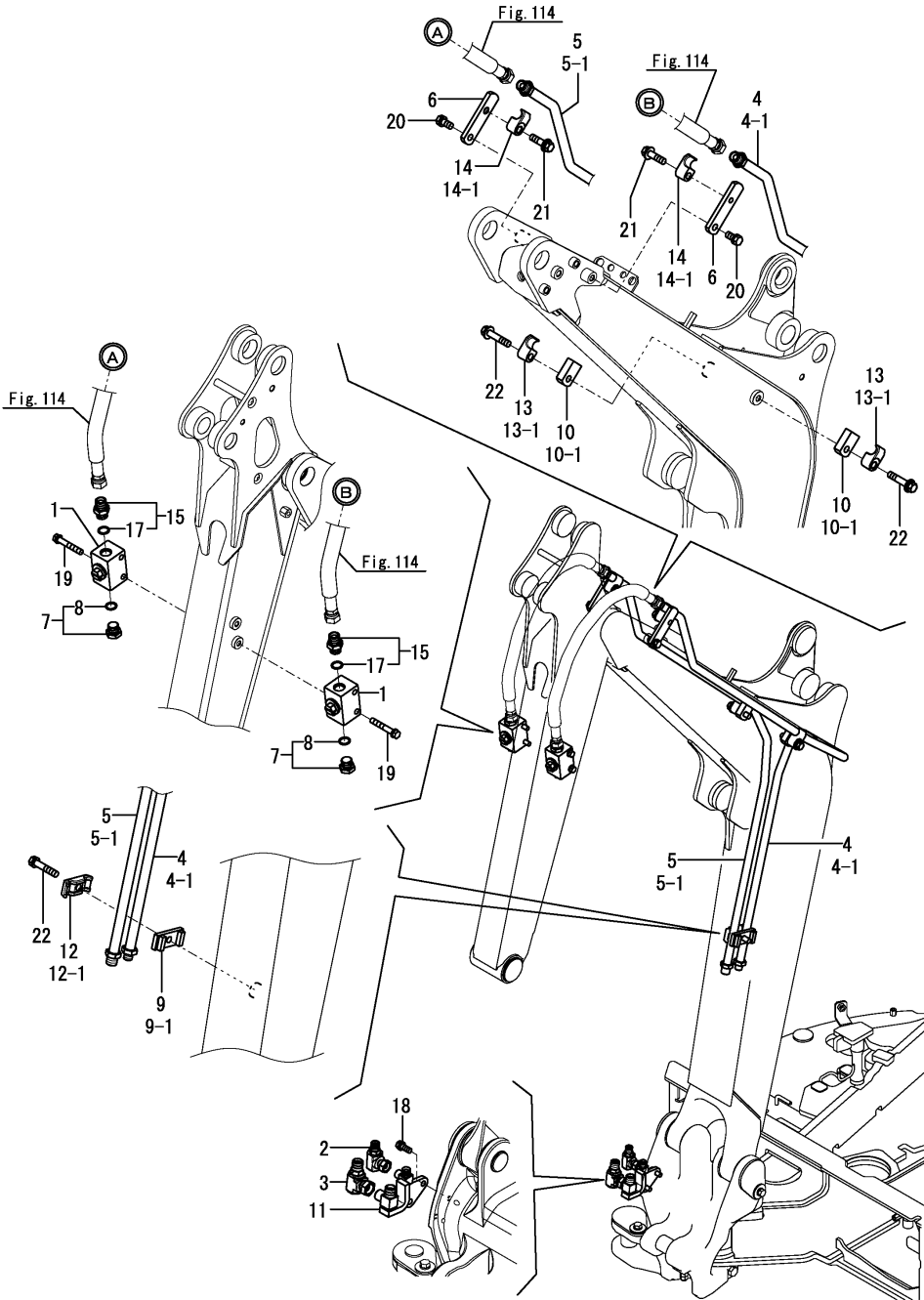
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B16-74800	VALVE ASSY,STOP G1/2	1							
2	1	172B57-74850	BRACKET, STOP V	1							
3	1	172B57-74860	PLATE, M5	1							
4	1	172147-76272	CONNECTOR 1/2X1/2	1							
6	2	24319-000180	PACKING,HNBR-90 P 18	1							
7	1	172B57-76800	TUBE ASSY, F-END	1							
8	1	172B57-76900	SUPPORT ASSY, TUBE	1							
9	1	22217-050000	WASHER, SPRING 5	2							
10	1	26013-100302	BOLT, M10X 30	2							
11	1	26014-100252	BOLT, M10X 25	1							
12	1	26014-100252	BOLT, M10X 25	2							
13	1	26450-050502	BOLT, M5X 50	2							
14	1	41851-000180	O-RING, P 18.0 HNBR	1							
15	1	172B57-78880	HOSE, H206BC057	1							
16	1	172B57-78890	HOSE, G608CE036S	1							
17	1	172456-78960	HOSE, H208BC055	1							



Remarks
* Fitting(control valve) is shown in Fig.107.

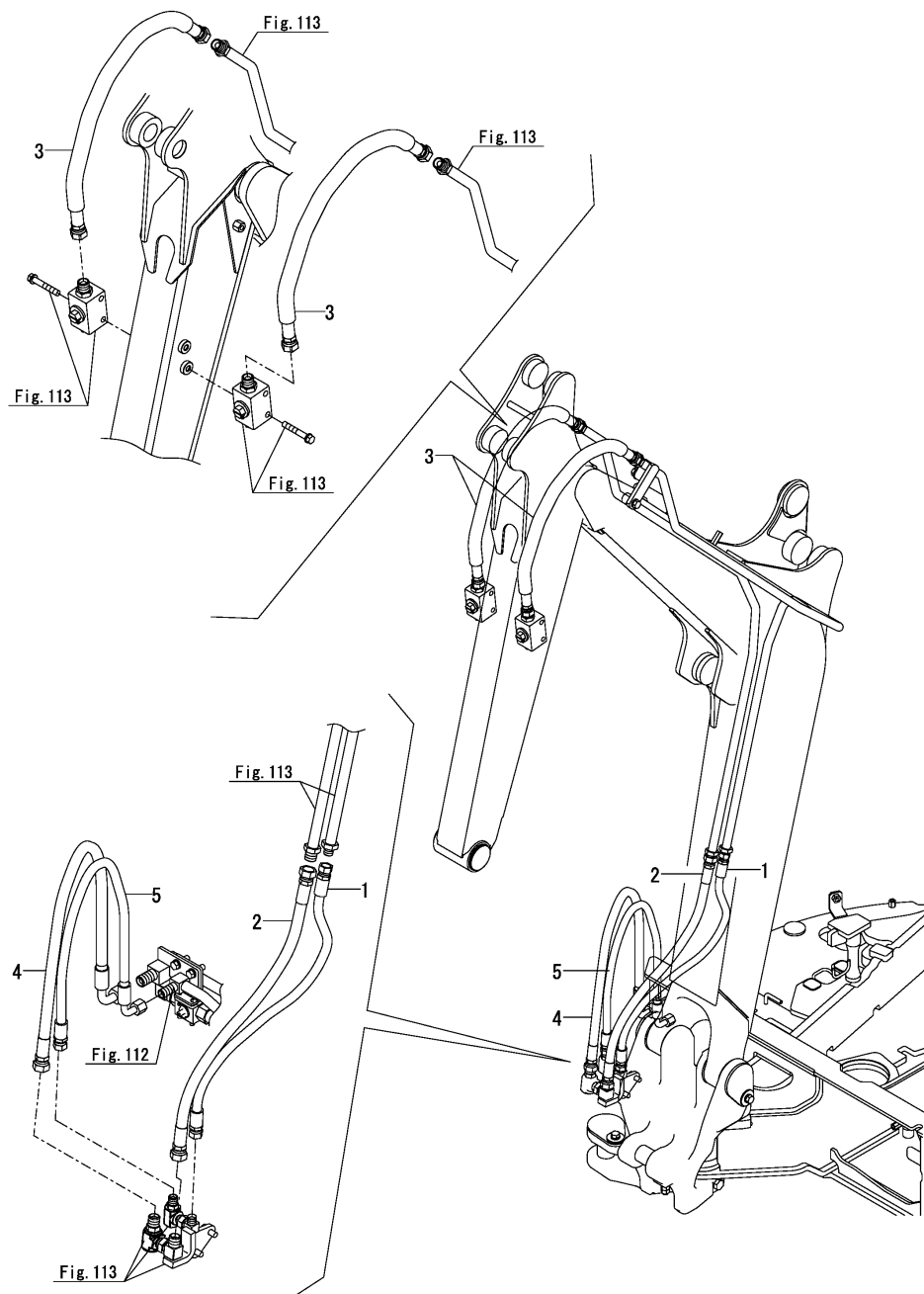
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-74900	VALVE ASSY,STOP G1/2	2							
2	1	172B57-76250	JOINT, SWIVEL 3/8	1							
3	1	172B57-76260	JOINT, SWIVEL 1/2	1							
4	1	172B57-76350	TUBE ASSY,PTO L	1							
4-1	1	172B57-76350-1	TUBE ASSY,PTO L	1							S
(A=M64455)											
5	1	172B57-76370	TUBE ASSY,PTO R	1							
5-1	1	172B57-76370-1	TUBE ASSY,PTO R	1							S
(A=M64455)											
6	1	172B03-76511	STAY, CLAMP PTO	2							
7	1	172165-76581	PLUG, PF1/2,HEX.	2							
8	2	24319-000180	PACKING,HNBR-90 P 18	2							
9	1	172175-76640-Y	SPACER ASSY	1							
9-1	1	172175-76640-3	SPACER ASSY	1							S
(A=M64455)											
10	1	172187-76690-Y	PLATE, SPACER T16	2							
10-1	1	172187-76690-N	PLATE, SPACER T16	2							S
(A=M64455)											
11	1	172456-76700	JOINT ASSY, PTO	1							
11-1	1	172456-76701	JOINT ASSY, PTO	1							N
(A=M6A217)											
12	1	172175-76750-Y	CLAMP, PIPING 1/2	1							
12-1	1	172175-76750-6	CLAMP, PIPING 1/2	1							S
(A=M64455)											
13	1	172142-76951	CLAMP, 1/2	2							
13-1	1	172142-76951-N	CLAMP, 1/2	2							S
(A=M64455)											
14	1	172142-76951	CLAMP, 1/2	2							
14-1	1	172142-76951-N	CLAMP, 1/2	2							S
(A=M64455)											
15	1	172112-77362	CONNECTOR, PF1/2-1/2	2							
17	2	24319-000180	PACKING,HNBR-90 P 18	2							
18	1	26013-100252	BOLT, M10X 25	2							
19	1	26013-100652	BOLT, M10X 65	4							
20	1	26013-120252	BOLT, M12X 25	2							
21	1	26014-120452	BOLT, M12X 45	2							
22	1	26014-120602	BOLT, M12X 60	3							

Fig.114. P.T.O.(ARM END)(2)

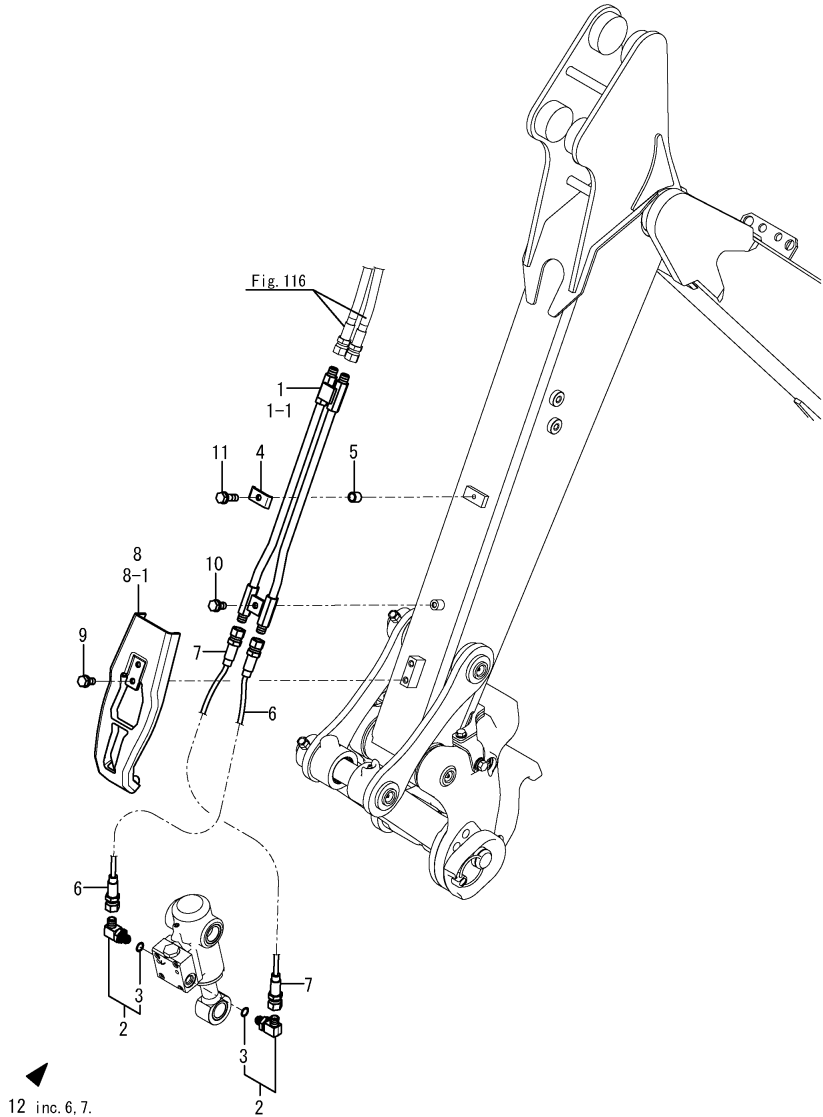


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-78040	HOSE, H206BB068K	1							
2	1	172B57-78050	HOSE, H208BB065K	1							
3	1	172B57-78360	HOSE, H208BB065W	2							
4	1	172B57-78940	HOSE, H208BC090K	1							
5	1	172B57-78950	HOSE, H206BC077K	1							

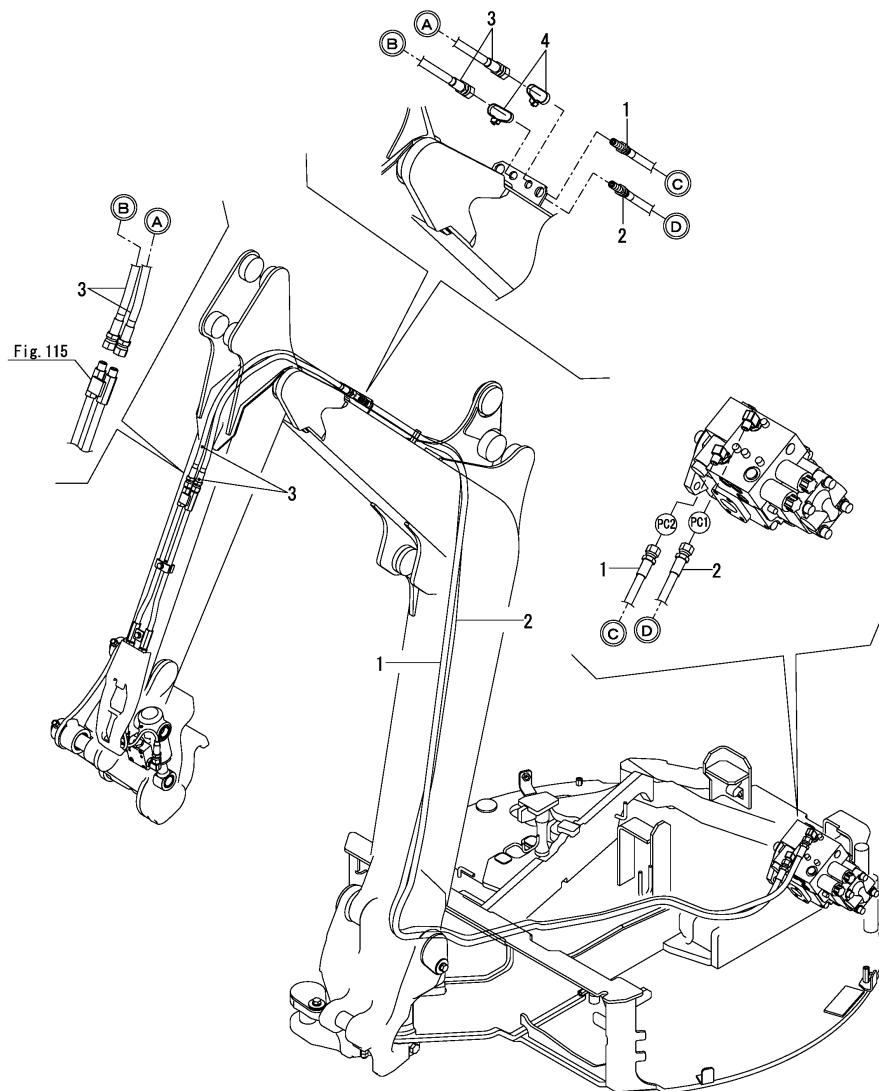
(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-76100-Y	TUBE ASSY, HITCH	1							
1-1	1	172956-76100-2	TUBE, HITCH	1							S
(A=M64455)											
2	1	172958-76130	ELBOW, PF-1/4-PF1/4	2							
3	2	24315-000110	O-RING, 1BP11.0	2							
4	1	172110-76170	PLATE	1							
5	1	172137-76580	COLLAR, 9X11	1							
6	1	172956-78120	HOSE, F102BB051W	1							
7	1	172958-78200	HOSE, F102BB050W	1							
8	1	172956-81901-Y	COVER, ARM	1							
8-1	1	172956-81901-2	COVER, ARM	1							S
(A=M64455)											
9	1	26013-080162	BOLT, M8X 16	2							
10	1	26013-080162	BOLT, M8X 16	1							
11	1	26013-080252	BOLT, M8X 25	1							
12	1	172B57-09580	HOSE,QH KIT	1							1



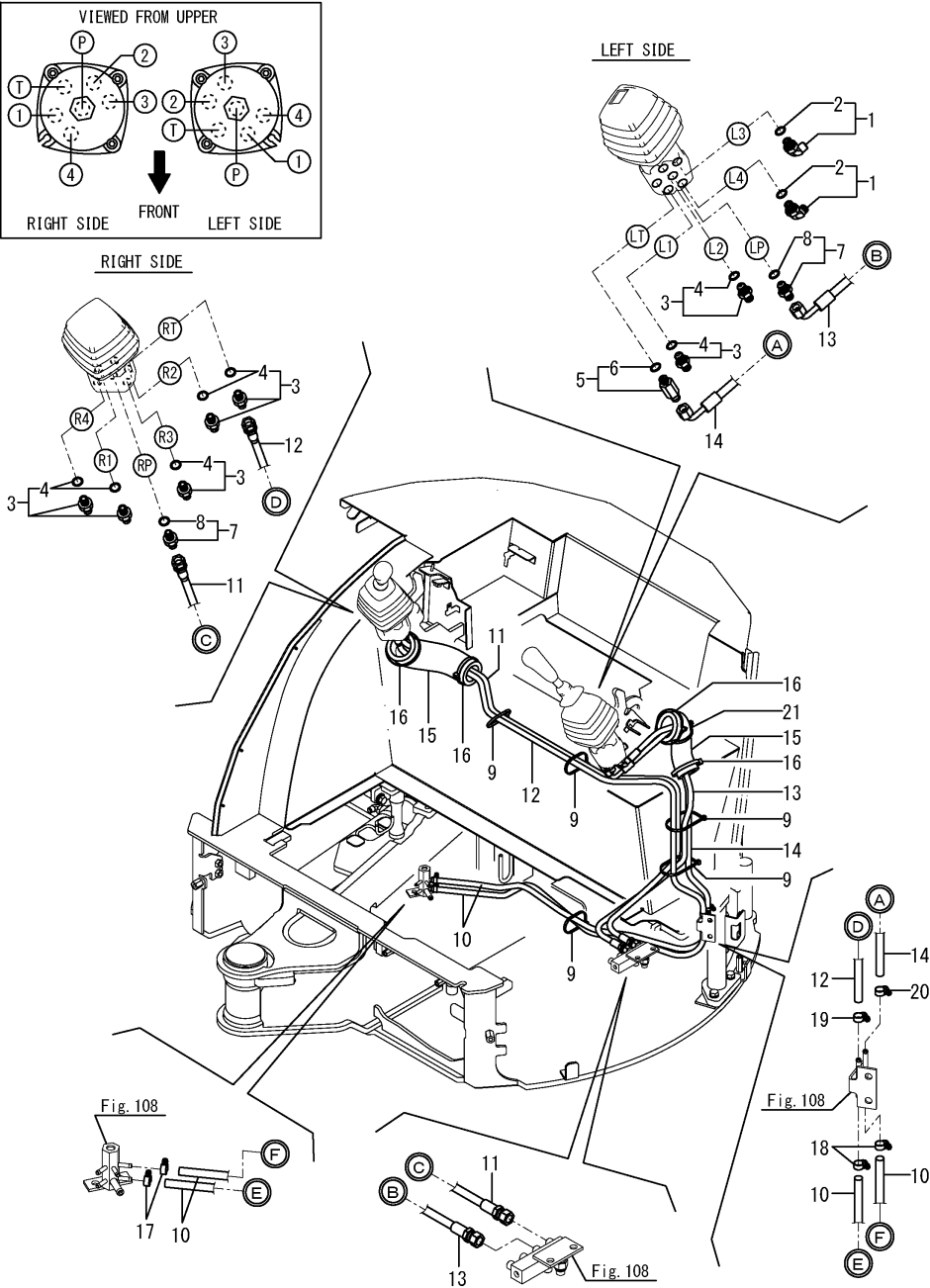
Remarks
(1)Spare parts.



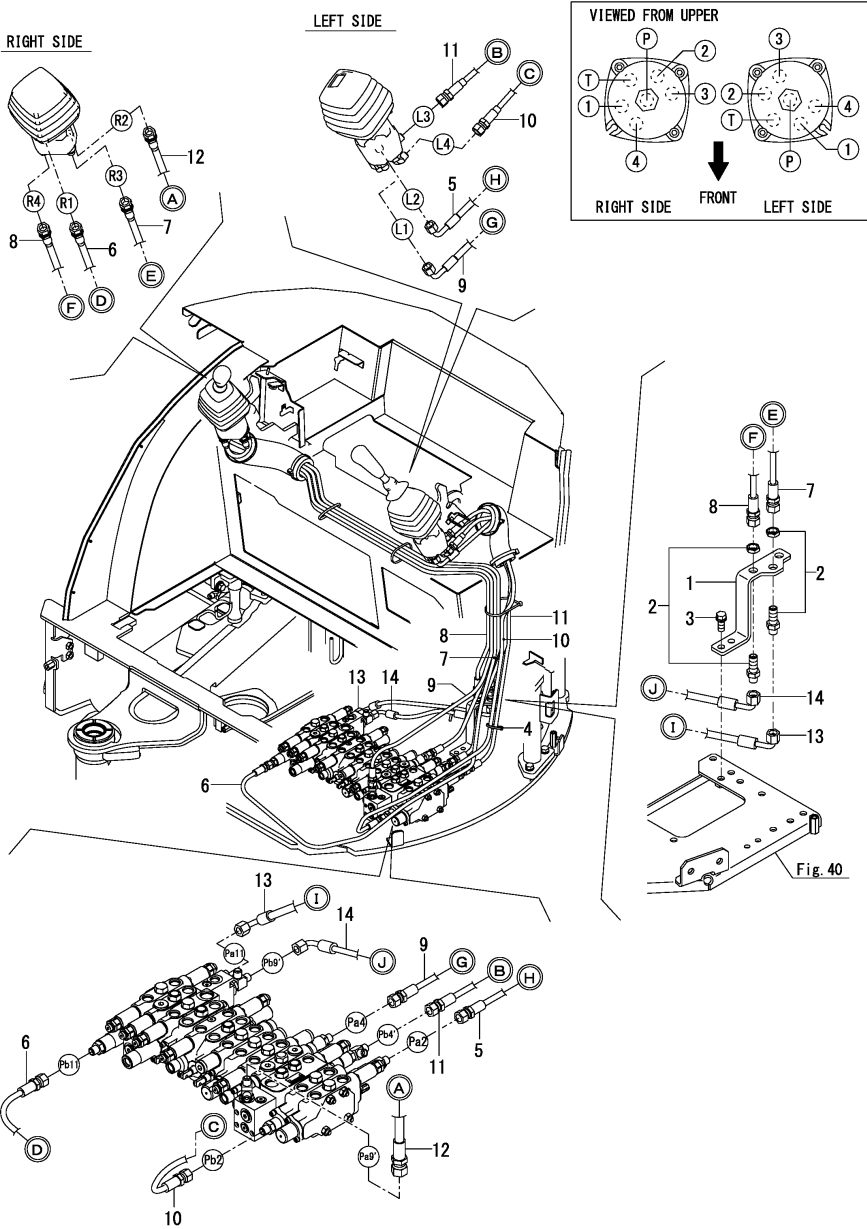
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-78100	HOSE, H205XB313K	1							
2	1	172956-78110	HOSE, H205XB313K	1							
3	1	172B57-78960	HOSE, H204BB077K	2							
4	1	172122-79890	CLAMP, HOSE 350	2							

* Fitting(hydraulic pump) is shown in Fig.101

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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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	41851-000110	O-RING, P11.0 HNBR	2							
3	1	172123-76122	ADAPTER PF1/2	7							
4	2	24319-000110	PACKING,HNBR-90 P 11	7							
5	1	172183-76201	CONNECTOR 1/4-1/4	1							
6	2	24319-000110	PACKING,HNBR-90 P 11	1							
7	1	172455-76221	CONNECTOR PF1/4	2							
8	2	24319-000110	PACKING,HNBR-90 P 11	2							
9	1	172126-11510	BAND, BINDING 300	5							
10	1	172B57-78220	HOSE, G804YY083S	2							
11	1	172B57-78230	HOSE, F403BB153	1							
12	1	172B57-78240	HOSE, G804BY137	1							
13	1	172B57-78250	HOSE, F403BC098	1							
14	1	172B57-78260	HOSE, G804CY077	1							
15	1	172458-78571	SPONGE, HOSE	2							
16	1	172122-79930	CLAMP, HOSE B	4							
16-1	1	172122-79890	CLAMP, HOSE 350	4							R
(A=M63509)											
17	1	23000-013000	CLAMP, 13	2							
18	1	23000-013000	CLAMP, 13	2							
19	1	23000-013000	CLAMP, 13	1							
20	1	23000-013000	CLAMP, 13	1							
21	1	172122-79930	CLAMP, HOSE B	1							W
(A=M66042)											



(A)=VIO20-6(KR)
(B)=
(C)=

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

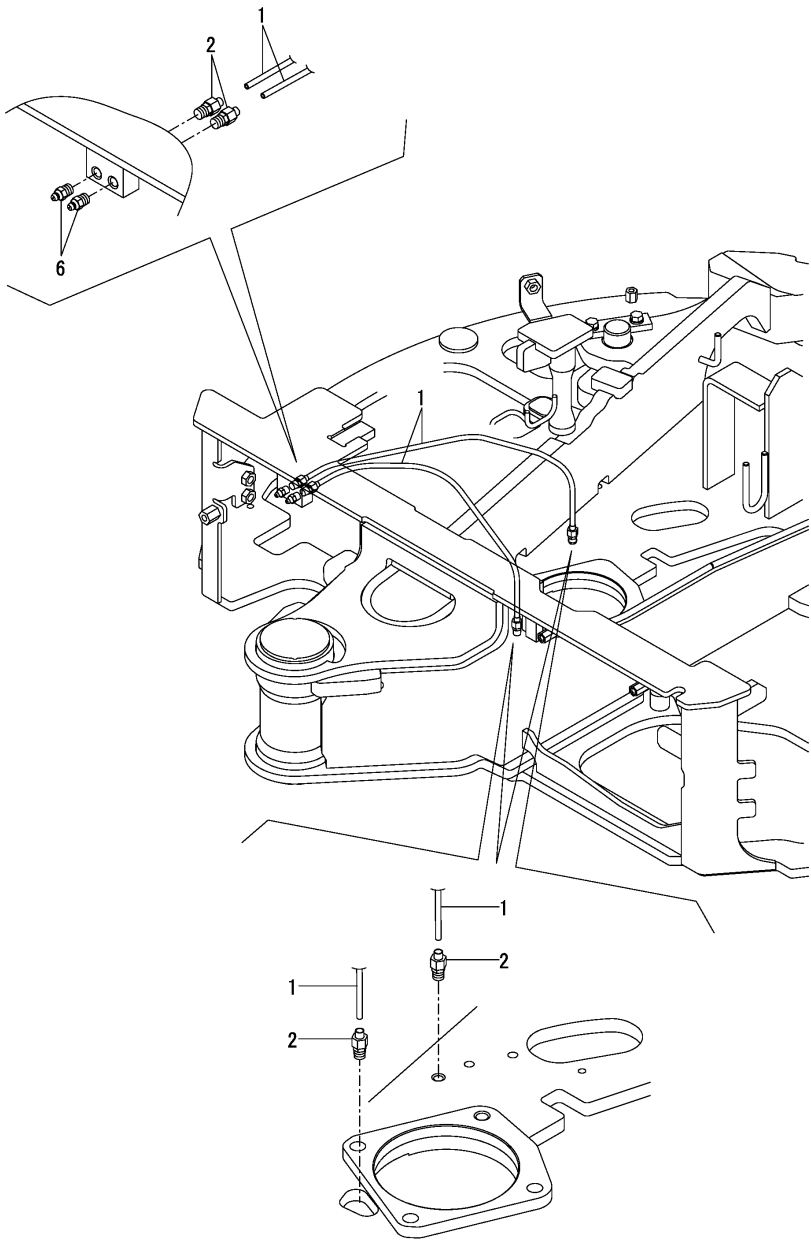
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-74451	STAY, PARTITION	1							
2	1	172151-76050	JOINT	3							
3	1	26013-100252	BOLT, M10X 25	2							
4	1	172126-11510	BAND, BINDING 300	1							
5	1	172B57-78060	HOSE, F403BC098S	1							
6	1	172B16-78400	HOSE, F403BB233S	1							
7	1	172B16-78420	HOSE, F403BB136	1							
8	1	172B16-78440	HOSE, F403BB138	1							
9	1	172B16-78480	HOSE, F403BC106	1							
10	1	172B57-78861	HOSE, H603BB135	1							
11	1	172B57-78070	HOSE, F403BB097S	1							
12	1	172B16-78410	HOSE, F403BB189S	1							
13	1	172B57-78500	HOSE, F403CC034S	1							
14	1	172B57-78550	HOSE, F403CC029S	1							

Remarks
* Fitting(control valve) is shown in Fig.105.
* Fitting(remote control valve) is shown in Fig.105.

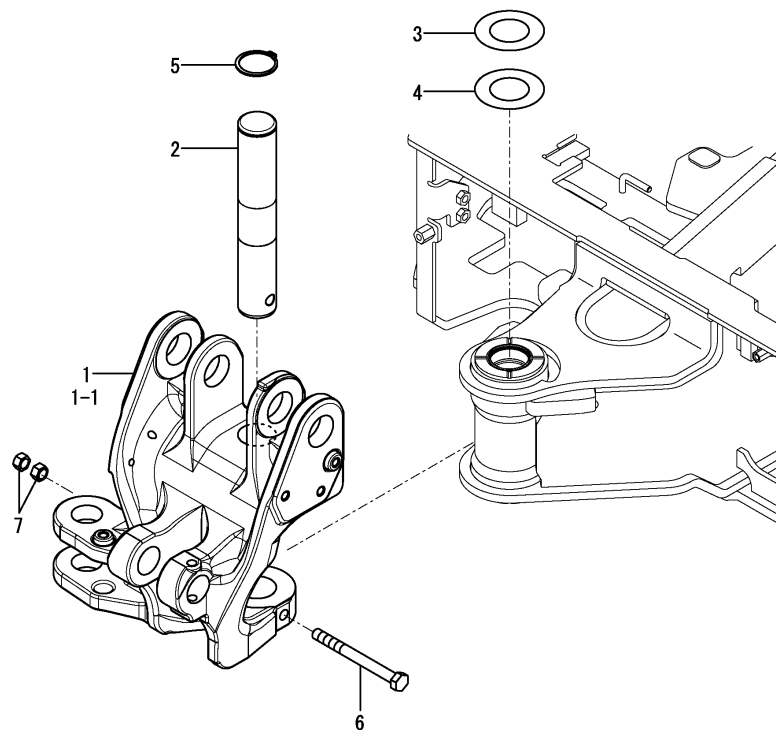
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(B)=
(C)=

(D)=
(E)=
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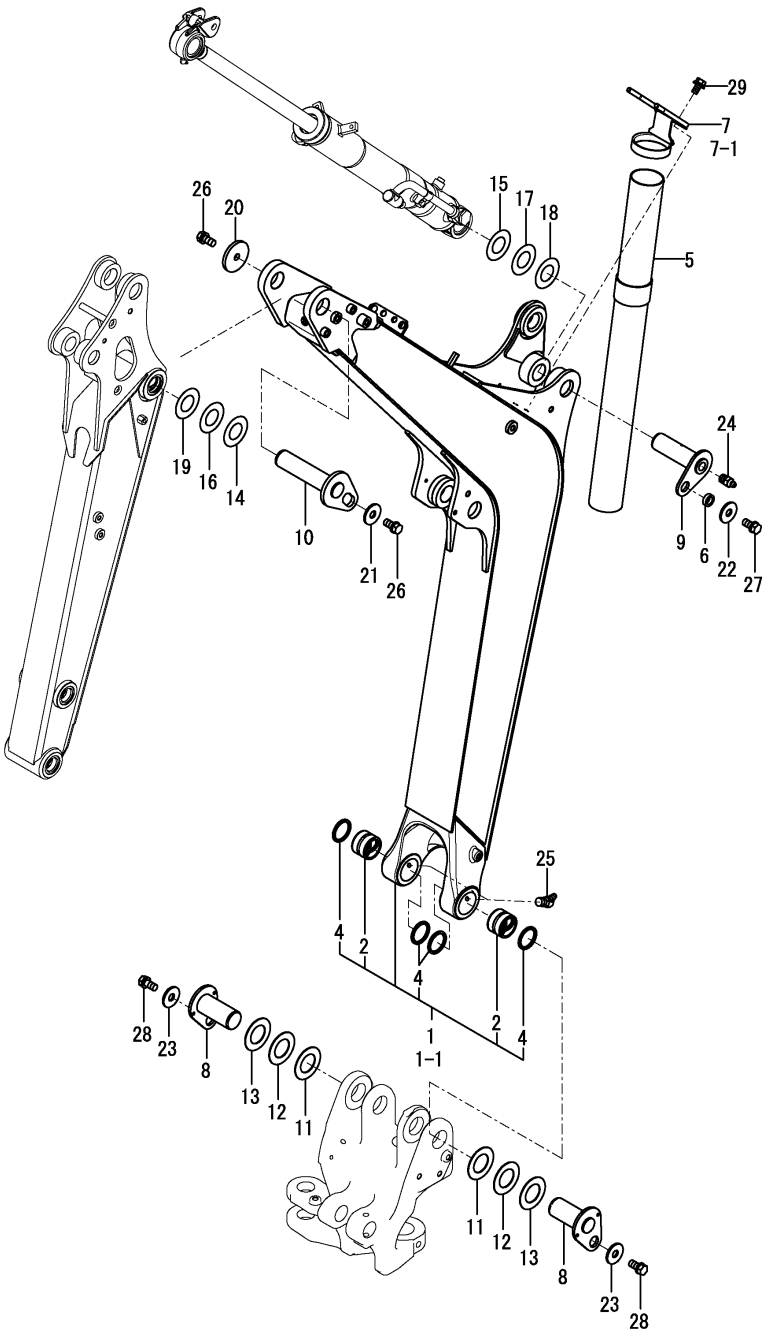
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-77800	HOSE, P602YY055	2							
2	1	172A47-77820	JOINT, GREASE	4							
6	1	24761-020000	NIPPLE, GREASE PT1/8	2							



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

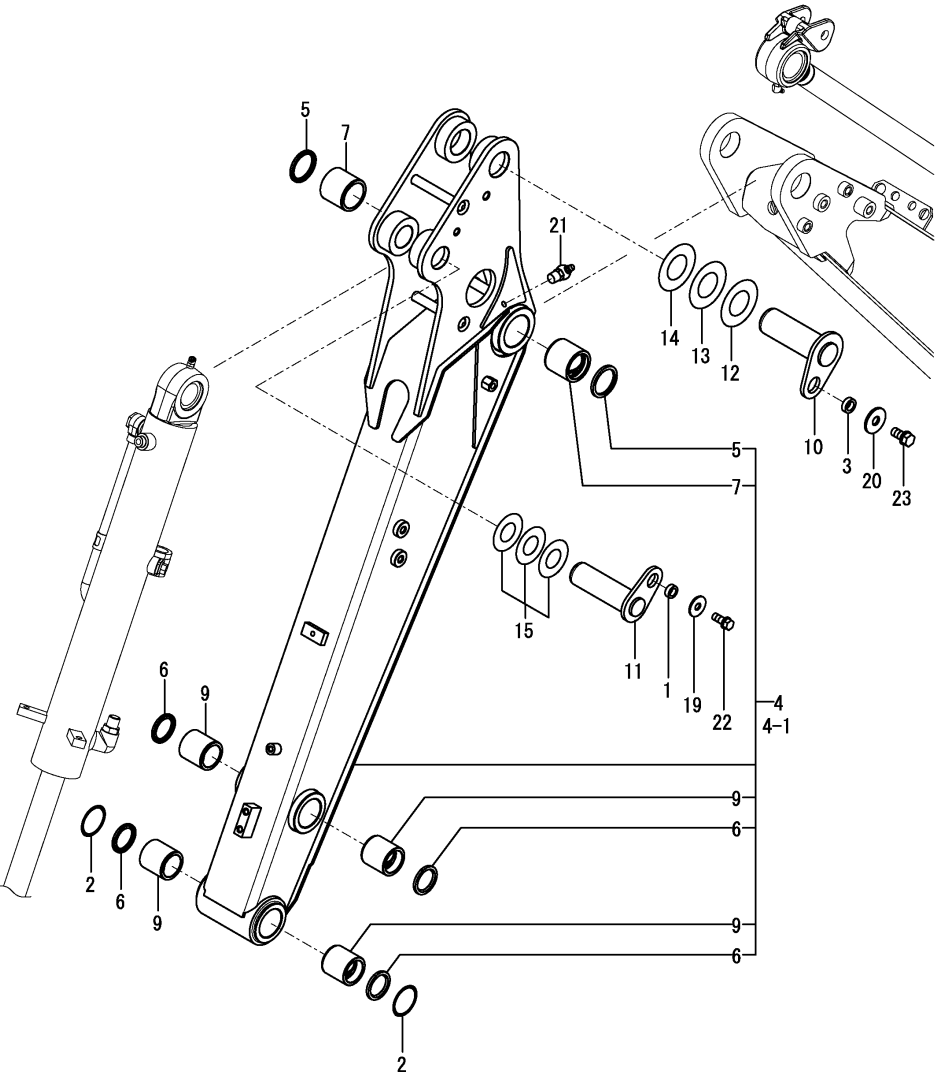


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-82300	BRACKET, BOOM	1							
1-1	1	172B57-82300-1 (A=M64455)	BRACKET, BOOM	1							S
2	1	172B57-82350	PIN, 50X295.5	1							
3	1	172165-82520	SHIM, 50X90X0.5	1							
4	1	172165-82530	SHIM, 50X90X1.2	1							
5	1	22242-000500	RING, 50	1							
6	1	26206-141502	BOLT, M14X150 PLATED	1							
7	1	26716-140002	NUT, M14	2							



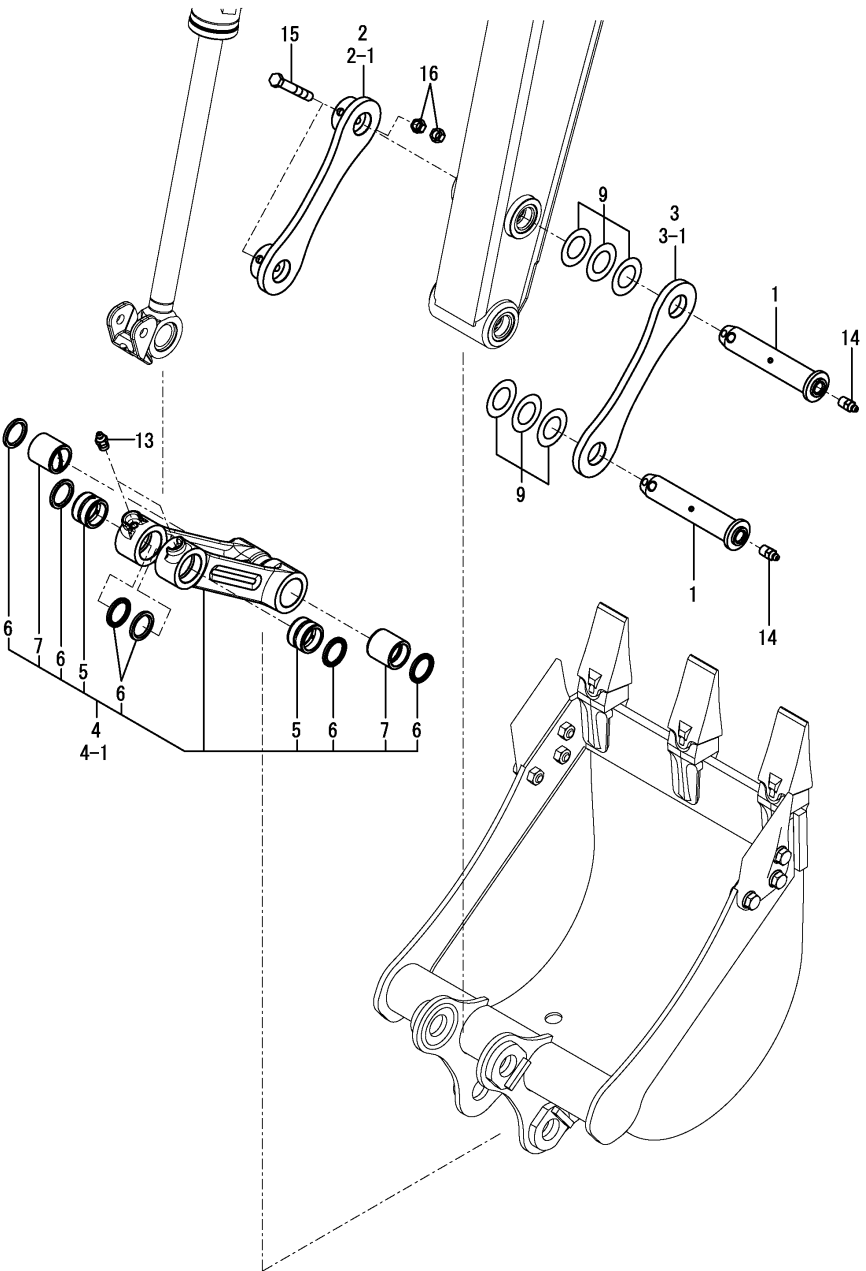
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B57-81100	BOOM ASSY	1							
1-1	1	172B57-81100-1	BOOM ASSY	1							S
(A=M64455)											
2	2	172168-72400	BUSH, 45-55-40	2							
4	2	172168-81410	SEAL, DUST 45X55X4	4							
5	1	172456-81450	PIPE ASSY, PROTECT	1							
5-1	1	172456-81451	PIPE ASSY	1							N
(A=M68160)											
6	1	172164-81670	SPACER	1							
7	1	172458-81751-Y	CLAMP ASSY, PIPE	1							
7-1	1	172458-81751-4	CLAMP ASSY, PIPE	1							S
(A=M64455)											
8	1	172B16-81800	PIN ASSY, 45X98	2							
9	1	172B57-81800	PIN ASSY,40X133	1							
10	1	172B57-81820	PIN ASSY,40X170	1							
11	1	172165-82550	SHIM, 45X80X0.5	2							
12	1	172165-82560	SHIM, 45X80X1.2	2							
13	1	172165-82570	SHIM, 45X80X1.6	2							
14	1	172165-82580	SHIM, 40X75X0.5	1							
15	1	172165-82580	SHIM, 40X75X0.5	1							
16	1	172165-82590	SHIM, 40X75X1.2	1							
17	1	172165-82590	SHIM, 40X75X1.2	1							
18	1	172165-82600	SHIM, 40X75X1.6	1							
19	1	172165-82600	SHIM, 40X75X1.6	1							
20	1	172146-82910	SPACER	1							
21	1	172444-82990	WASHER, 13X50X3.2	1							
22	1	22157-120000	WASHER, 12	1							
23	1	22157-120000	WASHER, 12	2							
24	1	24761-020000	NIPPLE, GREASE PT1/8	1							
25	1	24761-040000	NIPPLE, GREASE B	2							
26	1	26013-120252	BOLT, M12X 25	2							
27	1	26013-120252	BOLT, M12X 25	1							
28	1	26013-120252	BOLT, M12X 25	2							
29	1	26014-080162	BOLT, M8X 16	2							

OCK50-M02280 IMPLEMENT
Fig.122. ARM(QUICK COUPLER)



				OCK50-M02280 Fig.122								
				(A)=VIO20-6(KR)	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172010-01640	SPACER	1								
2	1	172171-81270	O-RING, 61X6.0	2								
3	1	172164-81670	SPACER	1								
4	1	172B57-81700	ARM ASSY,950 Q	1								
4-1	1	172B57-81700-1	ARM ASSY,950 Q	1							S	
(A=M64455)												
5	2	172448-72650	SEAL, DUST 40X50X4	2								
6	2	172448-81610	SEAL, DUST 35X45X4	4								
7	2	172456-81650	BUSH, 40X50X45	2								
9	2	172141-82270	BUSH, PIN 35 45	4								
10	1	172B57-81840	PIN ASSY,40X115	1								
11	1	172B57-81860	PIN ASSY,35X115	1								
12	1	172B57-82960	SHIM, 40X65X0.5	1								
13	1	172B57-82970	SHIM, 40X65X1.2	1								
14	1	172B57-82980	SHIM, 40X65X1.5	1								
15	1	172141-84601	SHIM ASSY, 35	1								
19	1	22157-100000	WASHER, 10	1								
20	1	22157-120000	WASHER, 12	1								
21	1	24761-040000	NIPPLE, GREASE B	1								
22	1	26013-100252	BOLT, M10X 25	1								
23	1	26013-120252	BOLT, M12X 25	1								

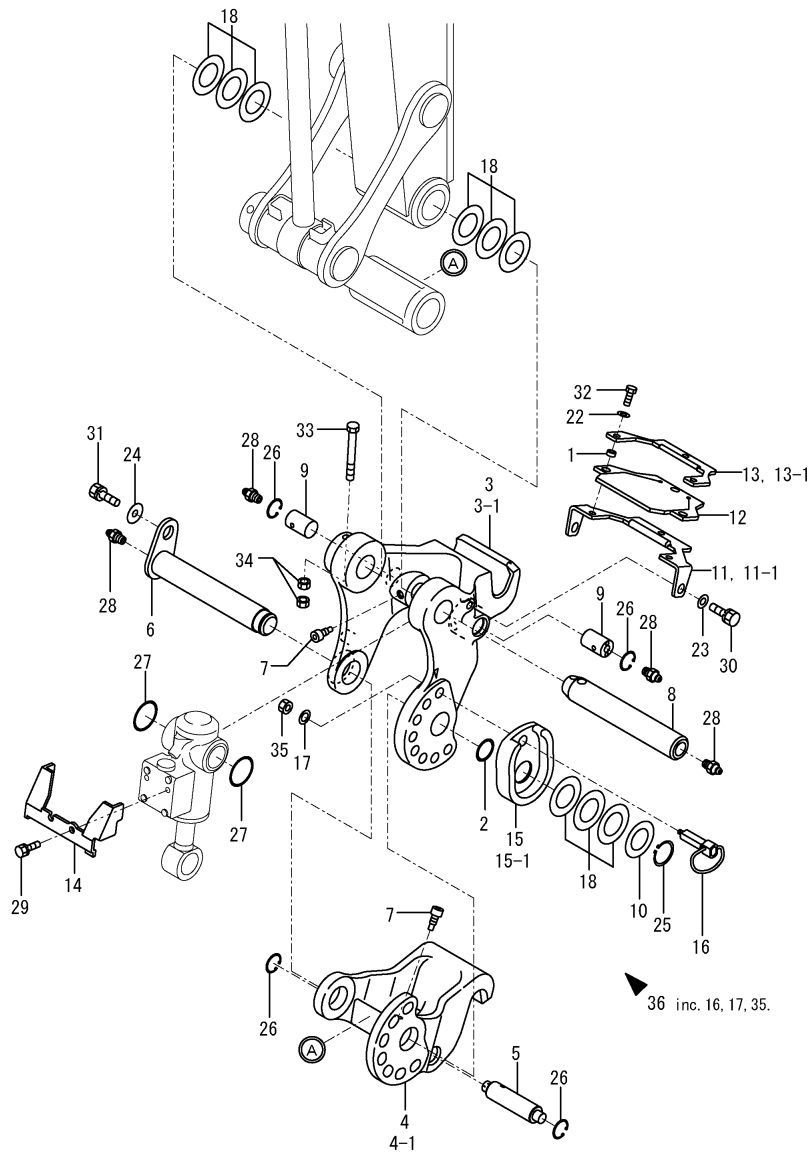
OCK50-M02280 IMPLEMENT
Fig.123. BUCKET ARM & LINK



										0CK50-M02280		Fig.123	
										(A)=VIO20-6(KR)		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
No.	Lev.	Parts No.	Description	Q'ty		I	R						
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172B57-81900	PIN ASSY,35X184	2									
2	1	172B57-82700	PLATE ASSY,BUC ARM R	1									
2-1	1	172B57-82700-1	PLATE ASSY,BUC ARM R	1							S		
(A=M64455)													
3	1	172456-82710-Y	ARM, BUCKET	1									
3-1	1	172456-82710-3	ARM, BUCKET	1							S		
(A=M64455)													
4	1	172B57-82750	LINK ASSY, BUCKET	1									
4-1	1	172B57-82750-1	LINK ASSY, BUCKET	1							S		
(A=M64455)													
5	2	172141-72561	BUSH, 35-45-30	2									
6	2	172448-81610	SEAL, DUST 35X45X4	6									
7	2	172141-82270	BUSH, PIN 35 45	2									
9	1	172141-84601	SHIM ASSY, 35	2									
13	1	24761-020000	NIPPLE, GREASE PT1/8	2									
14	1	24761-020000	NIPPLE, GREASE PT1/8	2									
15	1	26116-100702	BOLT, M10X 70 PLATED	2									
16	1	26716-100002	NUT, M10	4									

(A)=VIO20-6(KR)
(B)=
(C)=

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

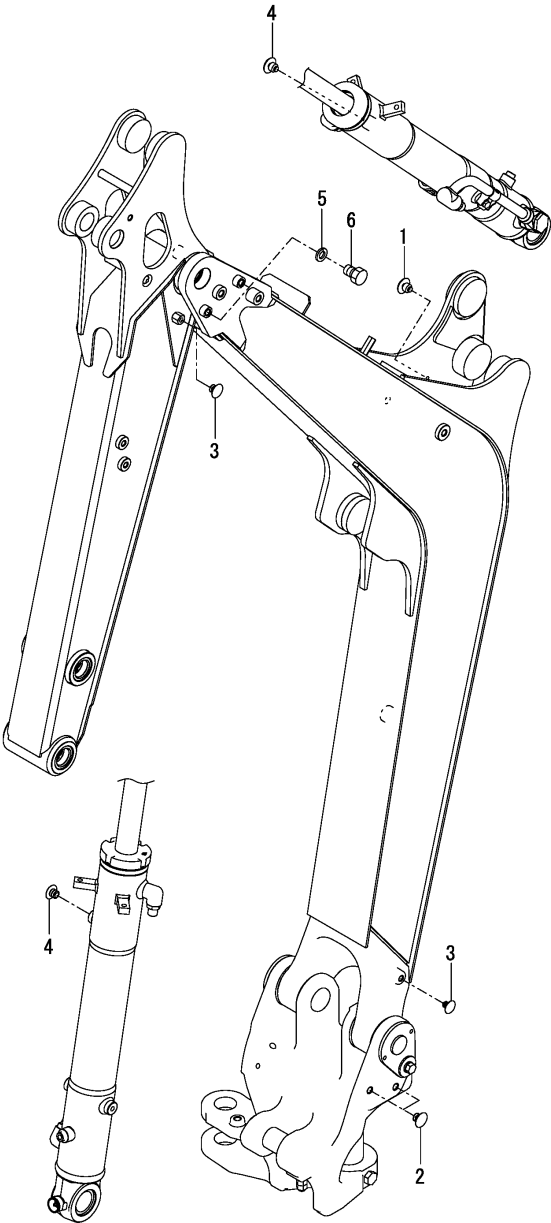


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17121	COLLAR, 9X4	3							
2	1	172124-46200	O-RING, 27.6X5.7	1							
3	1	172956-83102-Y	BRACKET, A	1							
3-1	1	172956-83102-2	BRACKET, A	1							S
(A=M64455)											
4	1	172956-83112-Y	BRACKET, B	1							
4-1	1	172956-83112-2	BRACKET, B	1							S
(A=M64455)											
5	1	172958-83131	PIN, 25X86	1							
6	1	172956-83140	PIN ASSY, 35X213.5	1							
6-1	1	172956-83141	PIN ASSY, 35X213.5	1							N
(A=M63492)											
7	1	172958-83140	BOLT, HEX SOCKET	3							
8	1	172956-83160	PIN, 35X218	1							
8-1	1	172956-83161	PIN, 35X218	1							N
(A=M63492)											
9	1	172956-83200	PIN, 25-38	2							
9-1	1	172956-83201	PIN, 25X38	2							N
(A=M63492)											
10	1	172956-83221	COLLAR, 32.5X55X1.2	1							
11	1	172956-83252-Y	GUARD ASSY	1							
11-1	1	172956-83252-2	GUARD ASSY	1							S
(A=M64455)											
12	1	172956-83282	PLATE, RUBBER	1							
13	1	172956-83291-Y	PLATE ASSY	1							
13-1	1	172956-83291-2	PLATE ASSY	1							S
(A=M64455)											
14	1	172958-83292-N	COVER, HITCH	1							
15	1	172956-83350-Y	PLATE, LOCK	1							
15-1	1	172956-83350-2	PLATE, LOCK	1							S
(A=M64455)											
16	1	172956-83362	PIN ASSY, LOCK	1							
17	1	172956-83381	WASHER, 6.4X14X1.5	1							
18	1	172141-84601	SHIM ASSY, 35	3							
22	1	22137-080000	WASHER, 8	3							
23	1	22137-100000	WASHER, 10	2							
24	1	22157-100000	WASHER, 10	1							
25	1	22242-000320	RING, 32	1							
26	1	22252-000250	RING, 25	4							
27	1	24311-000400	O-RING, 1AP40.0	2							
28	1	24761-020000	NIPPLE, GREASE PT1/8	4							
29	1	26013-080162	BOLT, M8X 16	2							
30	1	26013-100202	BOLT, M10X 20	2							
31	1	26013-100252	BOLT, M10X 25	1							
32	1	26116-080252	BOLT, M8X 25 PLATED	3							
33	1	26116-100802	BOLT, M10X 80 PLATED	1							
34	1	26716-100002	NUT, M10	2							
35	1	26756-060002	NUT, LOCK M6	1							
36	1	172B57-09990	LOCK, PIN QH KIT	1							

Remarks
(1)Spare parts.

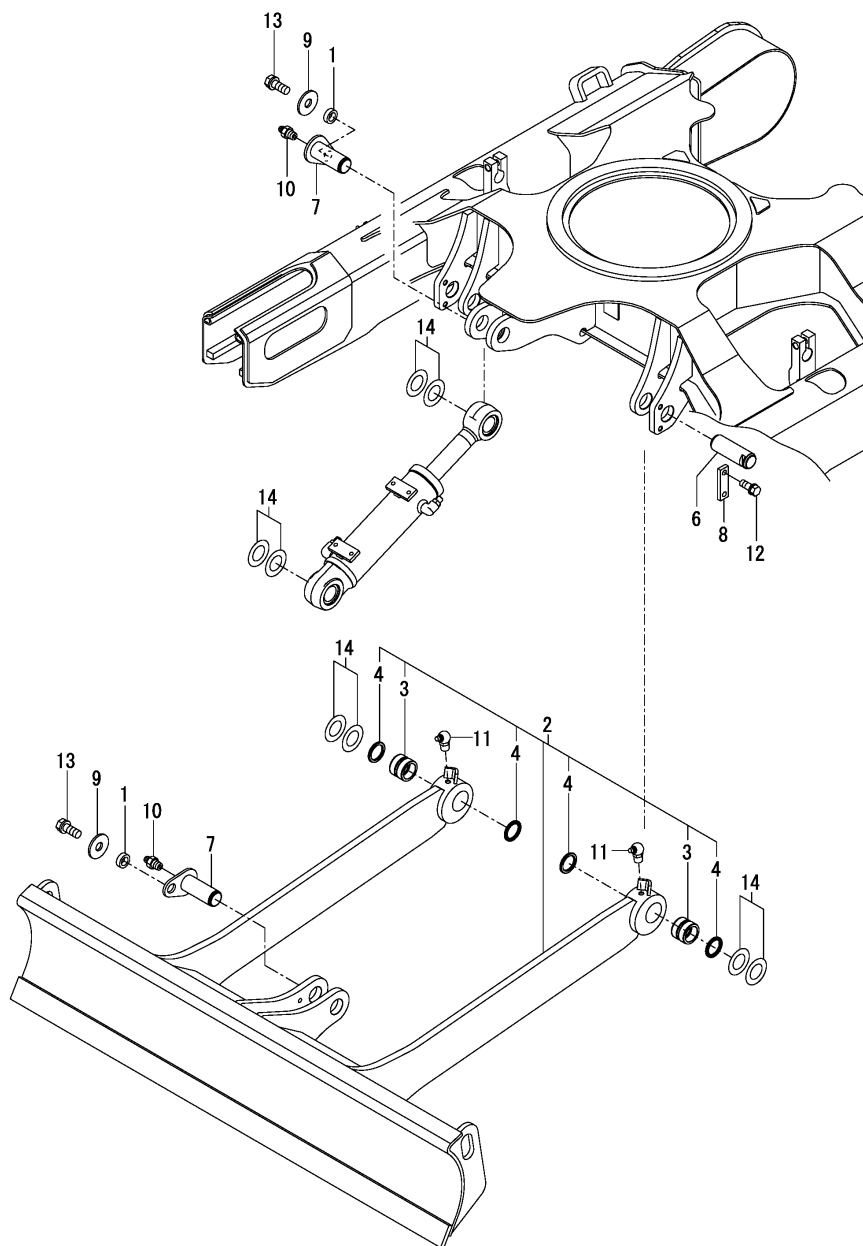
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE 8	1							
2	1	172176-68210	CLIP, TREE D25XL15	2							
3	1	172183-81160	CLIP, TREE 9.5	2							
4	1	172183-81160	CLIP, TREE 9.5	2							
5	1	22117-120000	WASHER, 12	2							
6	1	26116-120162	BOLT, M12X 16 PLATED	2							

Fig.126. BLADE



				(A)=VIO20-6(KR)						(D)=		
				(B)=						(E)=		
				(C)=						(F)=		
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172164-81670	SPACER	2								
2	1	172B57-94100	BLADE ASSY	1								
3	2	172168-72240	BUSH, 38-50-40	2								
4	2	172168-81270	SEAL, DUST 38X50X4	4								
4-1	2	172B82-81800	SEAL, DUST 38X50X4 J	4							R	
(A=M69423)												
6	1	172422-94210	PIN, 38X114	2								
7	1	172B57-94300	PIN ASSY, 38X94	2								
8	1	172124-94310-5	PLATE, LOCK	2								
9	1	22157-120000	WASHER, 12	2								
10	1	24761-020000	NIPPLE, GREASE PT1/8	2								
11	1	24761-040000	NIPPLE, GREASE B	2								
12	1	26013-100252	BOLT, M10X 25	4								
13	1	26013-120302	BOLT, M12X 30	2								
14	1	933171-29751	SHIM ASSY, PIN 38	4								

Fig.127. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)

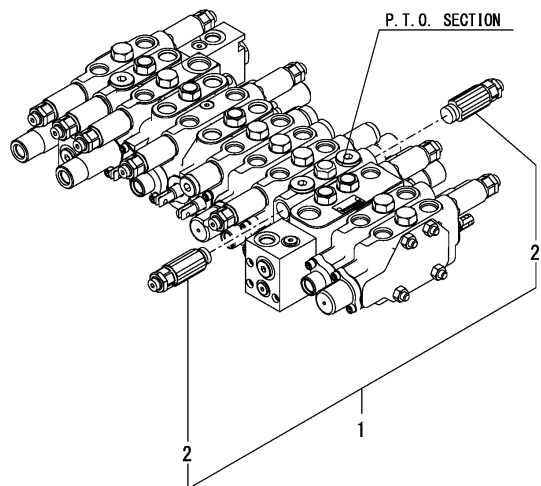
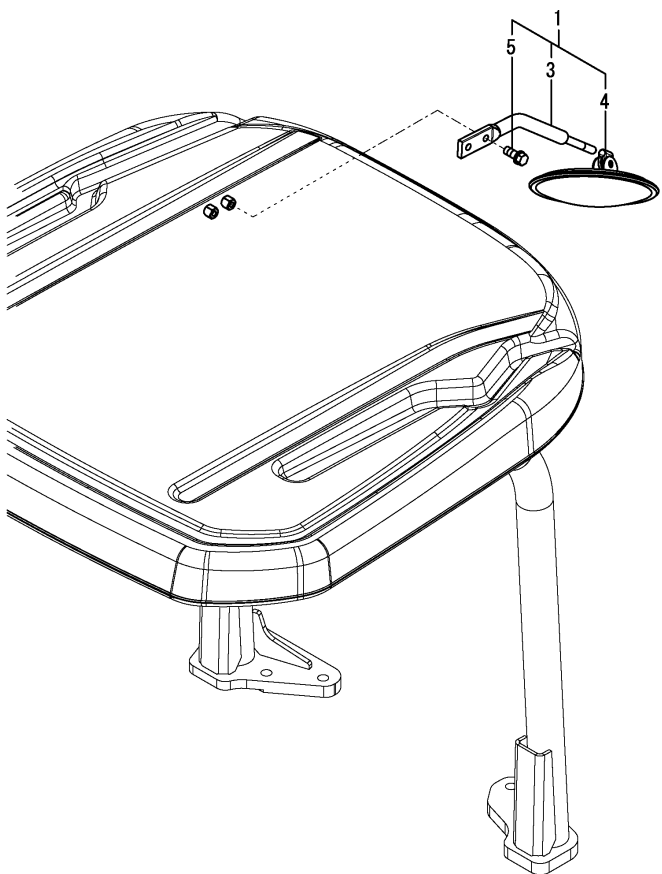
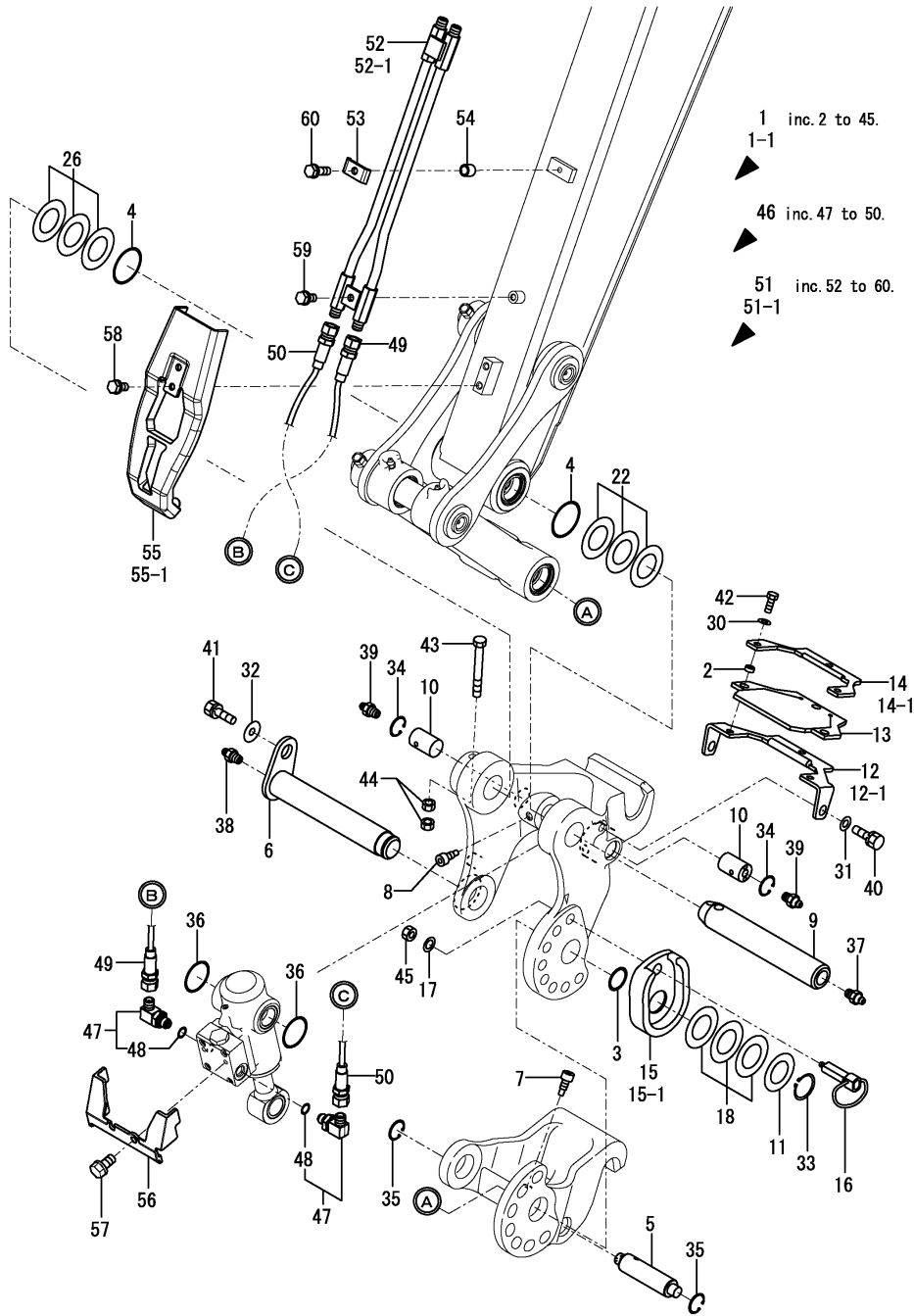
[illegible]

Fig.128. REARVIEW MIRROR KIT(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-08550	MIRROR KIT, REARVIEW	1							
3	3	172B03-67410	BRACKET ASSY, MIRROR	1							
4	3	172A25-68500	MIRROR, REARVIEW	1							
5	3	26013-100252	BOLT, M10X 25	2							

Fig.129. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-08730	OVERHAUL KIT, QH 2T	1							
1-1	1	172956-08730-1	OVERHAUL KIT, QH 2T	1							S
(A=*2021.12)											
2	2	172958-17121	COLLAR, 9X4	3							
3	2	172124-46200	O-RING, 27.6X5.7	1							
4	2	172171-81270	O-RING, 61X6.0	2							
5	2	172958-83131	PIN, 25X86	1							
6	2	172956-83141	PIN ASSY, 35X213.5	1							
7	2	172958-83140	BOLT, HEX SOCKET	1							
8	2	172958-83140	BOLT, HEX SOCKET	2							
9	2	172956-83161	PIN, 35X218	1							
10	2	172956-83201	PIN, 25X38	2							
11	2	172956-83221	COLLAR, 32.5X55X1.2	1							
12	2	172956-83252-Y	GUARD ASSY	1							
12-1	2	172956-83252-2	GUARD ASSY	1							S
(A=*2021.12)											
13	2	172956-83282	PLATE, RUBBER	1							
14	2	172956-83291-Y	PLATE ASSY	1							
14-1	2	172956-83291-2	PLATE ASSY	1							S
(A=*2021.12)											
15	2	172956-83350-Y	PLATE, LOCK	1							
15-1	2	172956-83350-2	PLATE, LOCK	1							S
(A=*2021.12)											
16	2	172956-83362	PIN ASSY, LOCK	1							
17	2	172956-83381	WASHER, 6.4X14X1.5	1							
18	2	172141-84601	SHIM ASSY, 35	1							
22	2	172141-84601	SHIM ASSY, 35	1							
26	2	172141-84601	SHIM ASSY, 35	1							
30	2	22137-080000	WASHER, 8	3							
31	2	22137-100000	WASHER, 10	2							
32	2	22157-100000	WASHER, 10	1							
33	2	22242-000320	RING, 32	1							
34	2	22252-000250	RING, 25	2							
35	2	22252-000250	RING, 25	2							
36	2	24311-000400	O-RING, 1AP40.0	2							
37	2	24761-020000	NIPPLE, GREASE PT1/8	1							
38	2	24761-020000	NIPPLE, GREASE PT1/8	1							
39	2	24761-020000	NIPPLE, GREASE PT1/8	2							
40	2	26013-100202	BOLT, M10X 20	2							
41	2	26013-100252	BOLT, M10X 25	1							
42	2	26116-080252	BOLT, M8X 25 PLATED	3							
43	2	26116-100802	BOLT, M10X 80 PLATED	1							
44	2	26716-100002	NUT, M10	2							
45	2	26756-060002	NUT, LOCK M6	1							
46	1	172956-08740	HOSE KIT, HYD QH 2T	1							
47	2	172958-76130	ELBOW, PF-1/4-PF1/4	2							
48	3	24315-000110	O-RING, 1BP11.0	2							
49	2	172956-78120	HOSE, F102BB051W	1							
50	2	172958-78200	HOSE, F102BB050W	1							
51	1	172956-08750	COVER KIT, HYD QH 2T	1							
51-1	1	172956-08750-1	COVER KIT, HYD QH 2T	1							S

Fig.129. OVERHAUL KIT(QUICK COUPLER)(OPTIONAL)

(A)=VIO20-6(KR)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(A=*2021.12)											
52	2	172956-76100-Y	TUBE ASSY, HITCH	1							
52-1	2	172956-76100-2	TUBE, HITCH	1							S
(A=*2021.12)											
53	2	172110-76170	PLATE	1							
54	2	172137-76580	COLLAR, 9X11	1							
55	2	172956-81901-Y	COVER, ARM	1							
55-1	2	172956-81901-2	COVER, ARM	1							S
(A=*2021.12)											
56	2	172958-83292-N	COVER, HITCH	1							
57	2	26013-080162	BOLT, M8X 16	2							
58	2	26013-080162	BOLT, M8X 16	2							
59	2	26013-080162	BOLT, M8X 16	1							
60	2	26013-080252	BOLT, M8X 25	1							

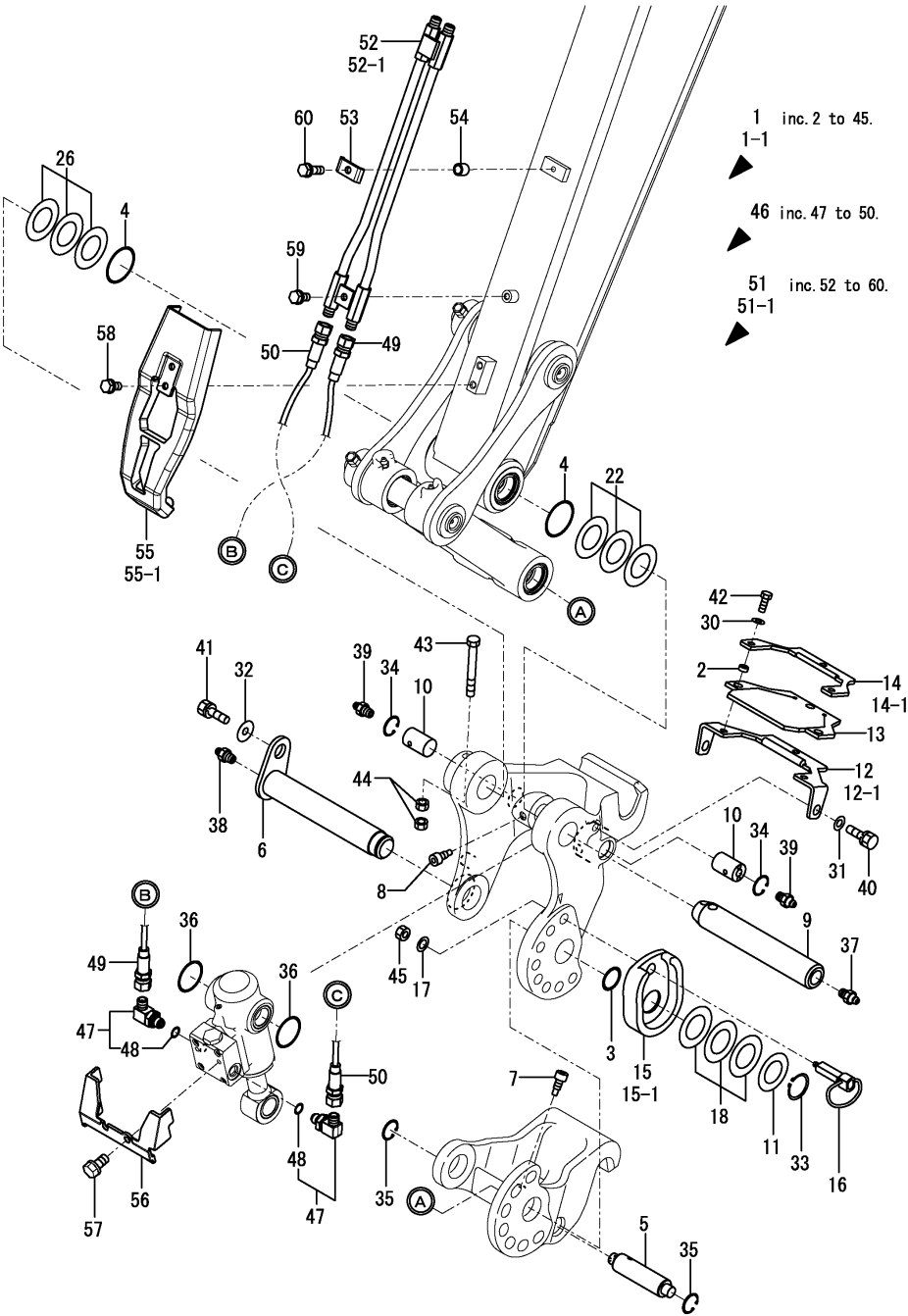
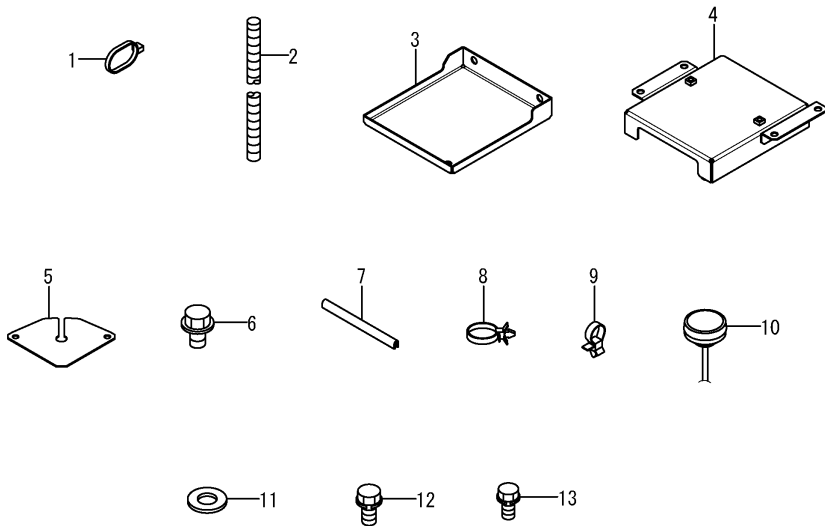


Fig.136. (34A)GPS(3.0G)(READY SPEC.)

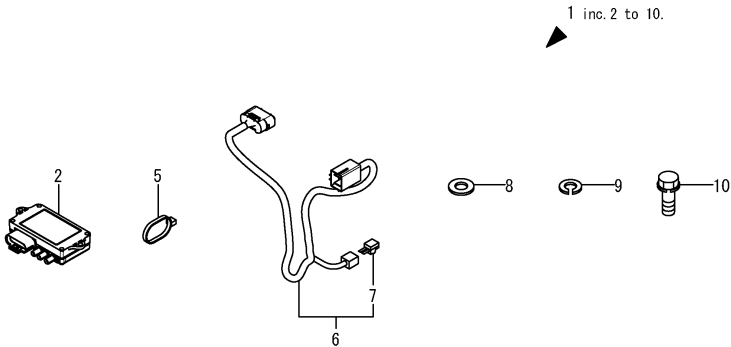
(A)=VIO20-6(KR)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	10							
2	1	172B11-16540	TUBE, PROTECTOR 7	1							
3	1	172B57-17860	COVER,GPS	1							
4	1	172B57-17880	BRACKET ASSY,GPS	1							
5	1	172B16-18100	BRACKET, ANTENNA	1							
6	1	172162-68370	BOLT, M8X12	3							
7	1	172533-68500	SEAL, 105	2							
8	1	1E8775-84120	CLAMP, BAND B	1							
9	1	1E8490-84130	CLAMP, BAND	2							
10	1	1RF001-93600	ANTENNA,SA-R3	1							
11	1	22137-080000	WASHER, 8	4							
12	1	26013-060122	BOLT, M6X 12	2							
13	1	26013-080162	BOLT, M8X 16	4							

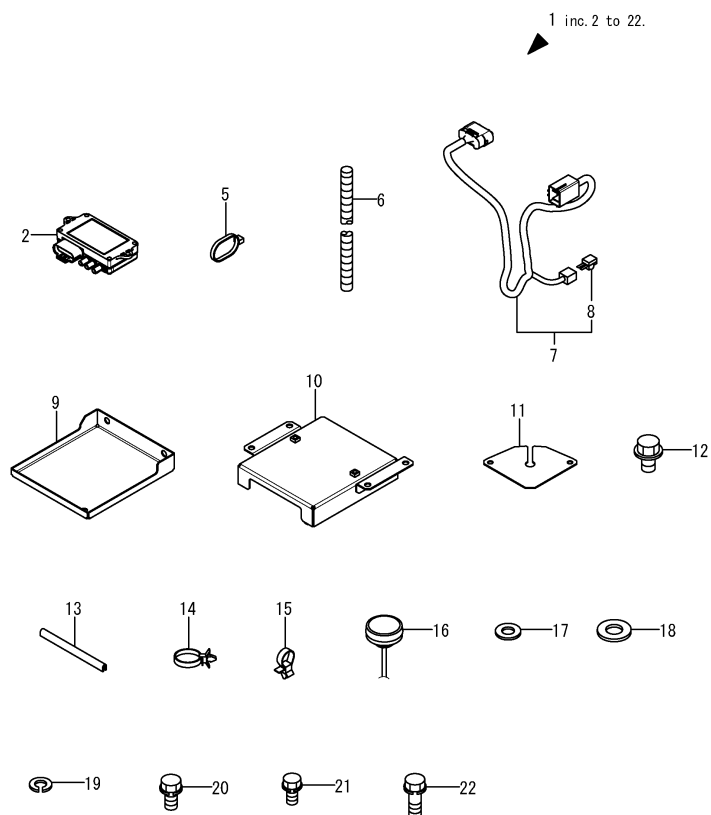
Fig.137. REMOTE CONTROLLER KIT(3.0G)(READY SPEC.)(OPTIONAL)



							0CK50-M02280		Fig.137	
							(A)=VIO20-6(KR)		(D)=	
							(B)=		(E)=	
							(C)=		(F)=	
							Q'ty			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	172B57-09490	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
(A=M65698)										
2-2	2	1RF001-00650	CONTROLLER,SA-R3IBKR	1						N 1
(A=M65699)										
2-3	2	1RF001-00651	CONTROLLER,SA-R3IBKR	1						N 1
(A=M66242)										
2-4	2	1RF001-00652	CONTROLLER,SA-R3IBKR	1						N 1
(A=M67227)										
2-5	2	1RF001-00660	CONTROLLER,SAR3IBOKR	1						N 1
(A=M68002)										
2-6	2	1RF001-00661	CONTROLLER,SAR3IBOKR	1						N 1
(A=*2024.12)										
2-7	2	1RF001-00662	CONTROLLER,SAR3IBOKR	1						N 1
(A=*2025.09)										
5	2	172126-11510	BAND, BINDING 300	5						
6	2	172B57-16690	HARNESS ASSY,REMOTE3	1						
7	3	1A6382-51510	RESISTANCE, 2W R120	1						
8	2	22117-060000	WASHER, 6	2						
9	2	22217-060000	WASHER, SPRING 6	2						
10	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.138. REMOTE CONTROLLER KIT(3.0G)(OPTIONAL)



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172B57-08990	CONTROLLER KIT,R3GKR	1							1
2	2	1RF001-00650	CONTROLLER,SA-R3IBKR	1							1
2-1	2	1RF001-00651	CONTROLLER,SA-R3IBKR	1						N	1
		(A=M66242)									
2-2	2	1RF001-00652	CONTROLLER,SA-R3IBKR	1						N	1
		(A=M67227)									
2-3	2	1RF001-00660	CONTROLLER,SAR3IBOKR	1						N	1
		(A=M68002)									
2-4	2	1RF001-00661	CONTROLLER,SAR3IBOKR	1						N	1
		(A=*2024.12)									
2-5	2	1RF001-00662	CONTROLLER,SAR3IBOKR	1						N	1
		(A=*2025.09)									
5	2	172126-11510	BAND, BINDING 300	10							
6	2	172B11-16540	TUBE, PROTECTOR 7	1							
7	2	172B57-16690	HARNES ASSY,REMOTE3	1							
8	3	1A6382-51510	RESISTANCE, 2W R120	1							
9	2	172B57-17860	COVER,GPS	1							
10	2	172B57-17880	BRACKET ASSY,GPS	1							
11	2	172B16-18100	BRACKET, ANTENNA	1							
12	2	172162-68370	BOLT, M8X12	3							
13	2	172533-68500	SEAL, 105	2							
14	2	1E8775-84120	CLAMP, BAND B	1							
15	2	1E8490-84130	CLAMP, BAND	2							
16	2	1RF001-93600	ANTENNA,SA-R3	1							
17	2	22117-060000	WASHER, 6	2							
18	2	22137-080000	WASHER, 8	4							
19	2	22217-060000	WASHER, SPRING 6	2							
20	2	26013-060122	BOLT, M6X 12	2							
21	2	26013-080162	BOLT, M8X 16	4							
22	2	26450-060162	BOLT, M6X 16	2							

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

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Parts No.	Fig. No.	Ref. No.
101720-55750	17	42
102103-55520	16	5
	17	37
104200-55321	17	33
104200-55330	16	2
	17	34
104200-55341	17	35
104200-55750	16	8
	17	43
106990-44660	15	38
		39
	17	30
110250-55610	16	6
	17	38
114110-07761	1	17
	130	22
119650-77911	26	37
119740-55601	16	1
119740-55651	16	10
119802-77200	26	36
119810-55340	16	3
119810-55650	16	7
121250-49121	13	6
121254-55510	16	4
121257-55720	17	39
121257-55731	17	40
121450-44531	12	3
121468-44520	12	2
121470-44581	12	6
124064-55510	17	36
124450-44560	12	5
124766-59050	13	21
		22
	17	47
		48
		49
		50
		51
129211-77920	26	38
129335-55701	17	32
129612-52100	17	31
129927-44900	100	2
171081-55910	17	44
172010-01640	122	1
172068-28490	42	2
		10
	48	1
		2
172110-45050	42	5
		13

Parts No.	Fig. No.	Ref. No.
172110-45050	48	18
172110-76170	115	4
	129	53
172112-77362	113	15
172116-46630	48	29
172116-75850-B	100	18
172116-76382	104	26
		28
172122-17190	26	22
	68	1
	77	8
172122-46590	41	14
	43	20
	48	24
		25
172122-70350	88	22
172122-73430	88	35
172122-73470	88	11
172122-73480	88	12
172122-79890	109	18
	116	4
	117	16 -1
172122-79930	117	16
		21
172123-76122	85	18
	86	21
	101	5
	105	7
		9
	106	5
		7
	107	5
	111	11
	117	3
	133	22
	134	25
172124-46200	41	13
	43	12
	48	15
		16
	124	2
	129	3
172124-76161	101	9
172124-94310-5	126	8
172126-11510	13	1
	17	1
		2
		3
		4
		5

Parts No.	Fig. No.	Ref. No.
172126-11510	26	2
	27	1
	34	5
	65	1
	102	7
	108	22
	117	9
	118	4
	135	4
	136	1
	137	5
	138	5
172137-16560	23	2
	26	18
172137-46210	28	4
	33	17
	65	2
172137-66230	56	12
172137-70490	89	10
172137-70570	89	11
172137-70580	89	12
172137-76580	115	5
	129	54
172141-17150	31	3
172141-37140	36	6
172141-41340	41	1
172141-41370	41	3
		6
	43	17
	47	3
	48	10
		13
172141-57650	53	5
172141-57651	53	5 -1
172141-70110	88	18
172141-70150	88	20
172141-70160	88	21
172141-70450	88	4
172141-72561	123	5
172141-76181	101	11
	103	4
172141-76220	110	5
172141-76920	101	18
	104	30
172141-77260	89	36
172141-77400	89	51
172141-82270	122	9
	123	7
172141-84601	122	15
	123	9

Parts No.	Fig. No.	Ref. No.
172141-84601	124	18
	129	18
		22
		26
172142-76181	104	18
		20
	106	3
	110	3
172142-76951	113	13
		14
172142-76951-N	113	13 -1
		14 -1
172146-82910	121	20
172147-70120	88	19
172147-70500	88	24
172147-76261	104	22
		24
172147-76272	112	4
172148-73350	89	13
172151-73400	99	7
172151-73420	99	8
172151-73450	99	9
172151-76050	118	2
172156-65690	74	11
172156-72400	87	2
172156-84440	87	20
172157-45990	43	11
172162-12480	44	1
172162-14200	15	4
172162-68370	34	12
	45	4
	64	6
	135	11
	136	6
	138	12
172162-76132	104	10
	107	1
172162-76181	105	15
		18
		21
172164-45970	46	9
172164-76131	104	12
172164-76331	105	30
		32
172164-81670	82	37
	121	6
	122	3
	126	1
	131	43
172165-46340	43	19

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Parts No.	Fig. No.	Ref. No.
172165-47550	47	12
172165-53500	78	1
172165-62830	31	14
172165-71201	80	1
172165-76581	113	7
172165-76591	108	4 A
172165-82520	120	3
172165-82530	120	4
172165-82550	121	11
172165-82560	121	12
172165-82570	121	13
172165-82580	82	40
		41
	85	23
		24
	121	14
		15
	131	46
		47
	133	27
		28
172165-82590	82	42
		43
	85	25
		26
	121	16
		17
	131	48
		49
	133	29
		30
172165-82600	82	44
		45
	85	27
		28
	121	18
		19
	131	50
		51
	133	31
		32
172168-71101-4	79	1
172168-71951	88	5
172168-72240	86	13
		15
	126	3
	134	17
		19
172168-72400	121	2
172168-73580	89	17

Parts No.	Fig. No.	Ref. No.
172168-73590	89	19
172168-73600	89	21
172168-81270	86	16
	126	4
	134	20
172168-81410	121	4
172171-54750	52	4
172171-81270	122	2
	129	4
172173-29100-2	35	1
172173-61191-1	57	2
172173-73510	89	14
172173-73520	89	15
172173-73570	89	16
172173-73580	89	18
172173-73590	89	20
172173-73600	89	22
172173-73690	89	23
172173-73700	89	24
172173-76102	111	9
172173-76121	111	13
172175-76640-3	113	9 -1
172175-76640-Y	113	9
172175-76750-6	113	12 -1
172175-76750-Y	113	12
172176-68210	77	4
	125	2
172179-13211	9	8
172183-03280	3	14
172183-73510	88	38
172183-73520	88	39
172183-73560	88	40
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26014-060202	34	19
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26116-100202	19	21
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26116-100702	123	15
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26116-140652	38	13
26116-160452	78	11
26116-160502	51	6
26206-141502	120	6
26347-080002	42	8
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26347-100002	73	25
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26366-100002	6	5
26367-100002	15	45
26450-050102	94	25
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26716-080002	18	48
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26716-140002	38	14
	120	7
26756-060002	124	35
	129	45
26756-080002	46	24
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933147-03400	82	54
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933147-08501	51	7
933152-02710	100	27
933168-14170	82	55
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933168-55770	17	60
933171-13691	36	20
933171-15801	18	49
933171-18750	76	28
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Parts No.	Fig. No.	Ref. No.
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0CB50-M00360EN

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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.
6. If you are using a booklet or PDF parts catalog, you must verify the latest information via the online parts catalog.

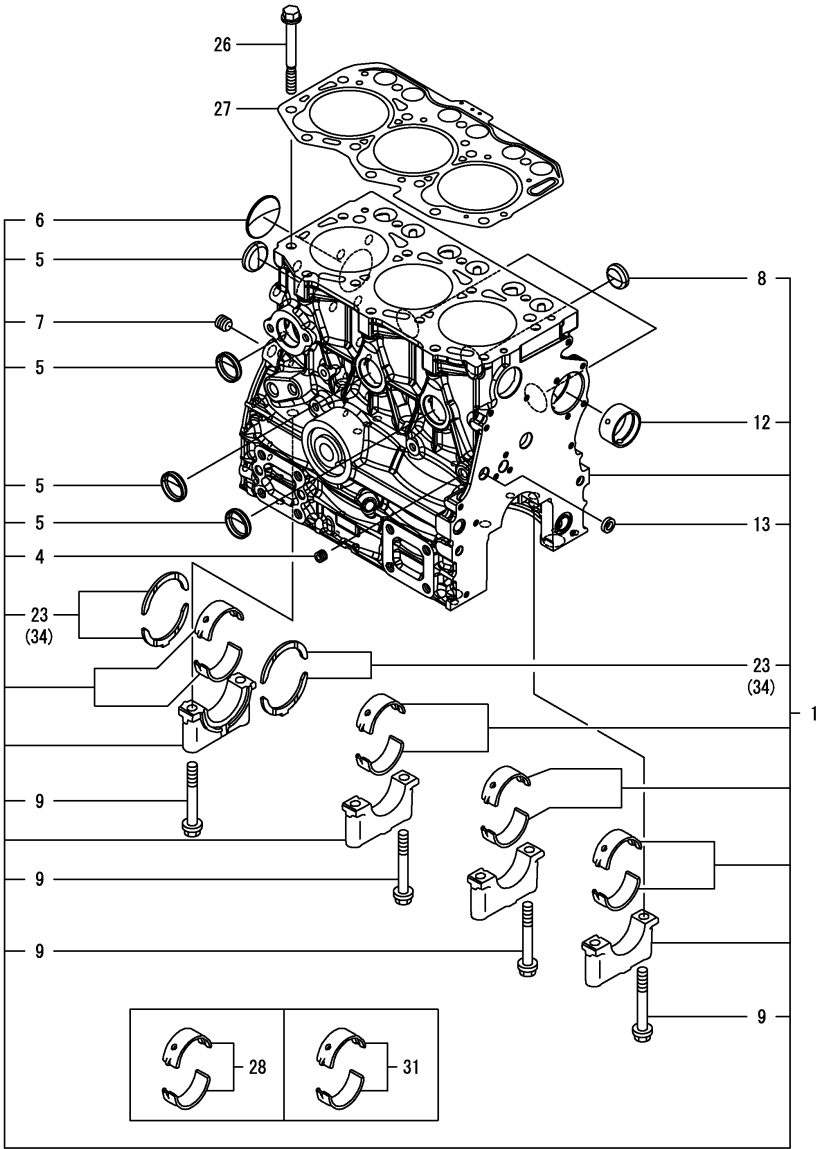
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4.	CYLINDER HEAD & BONNET		
5.	EXHAUST MANIFOLD & SILENCER		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB. OIL SYSTEM		
9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	FUEL PIPE		
14.	STARTER MOTOR(TO 120299)		
17.	(14A)STARTER MOTOR(FROM 120300)		
15.	GENERATOR		
16.	GASKET 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.

0CB50-M00360 Fig.1

(A)=3TNV76-PBV1

(D)=

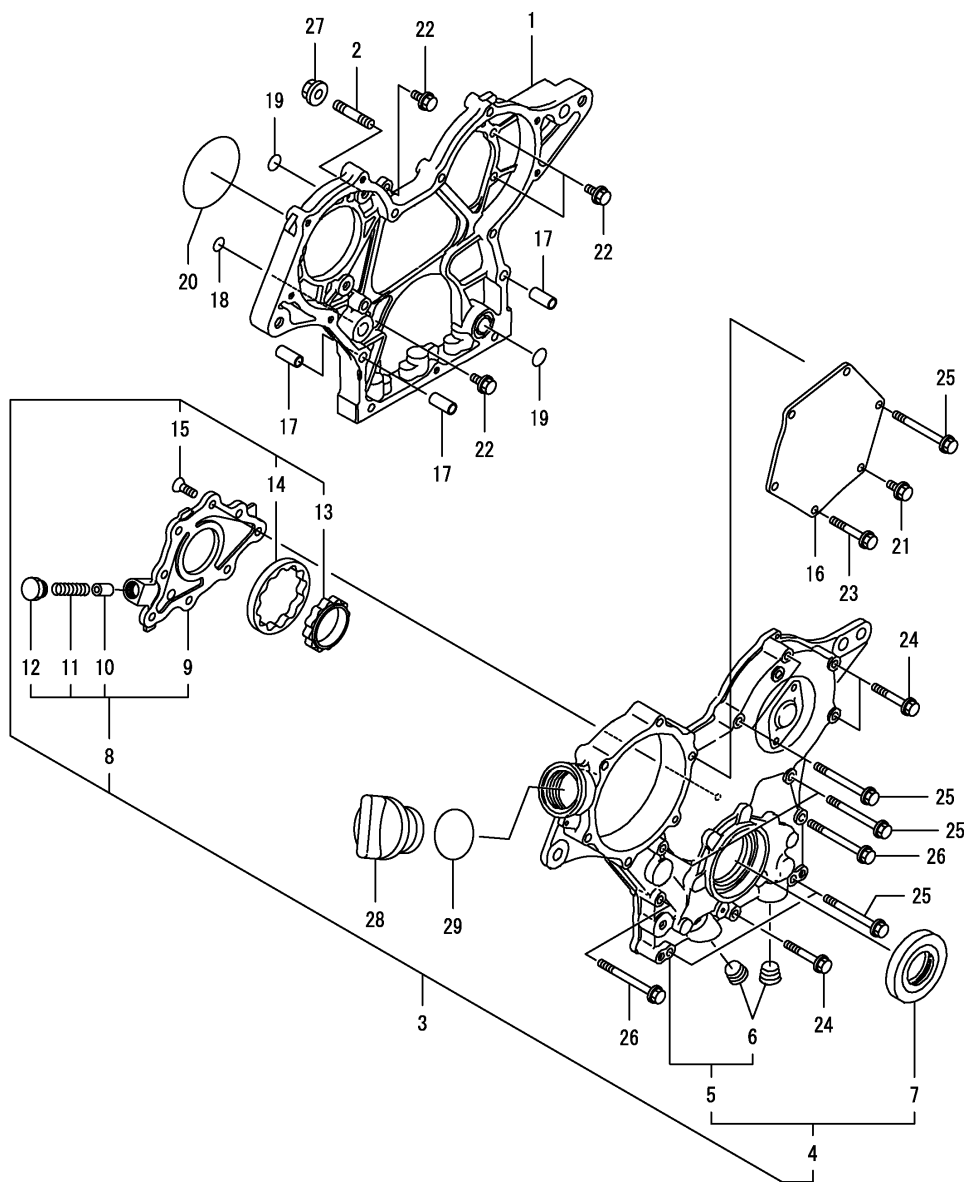
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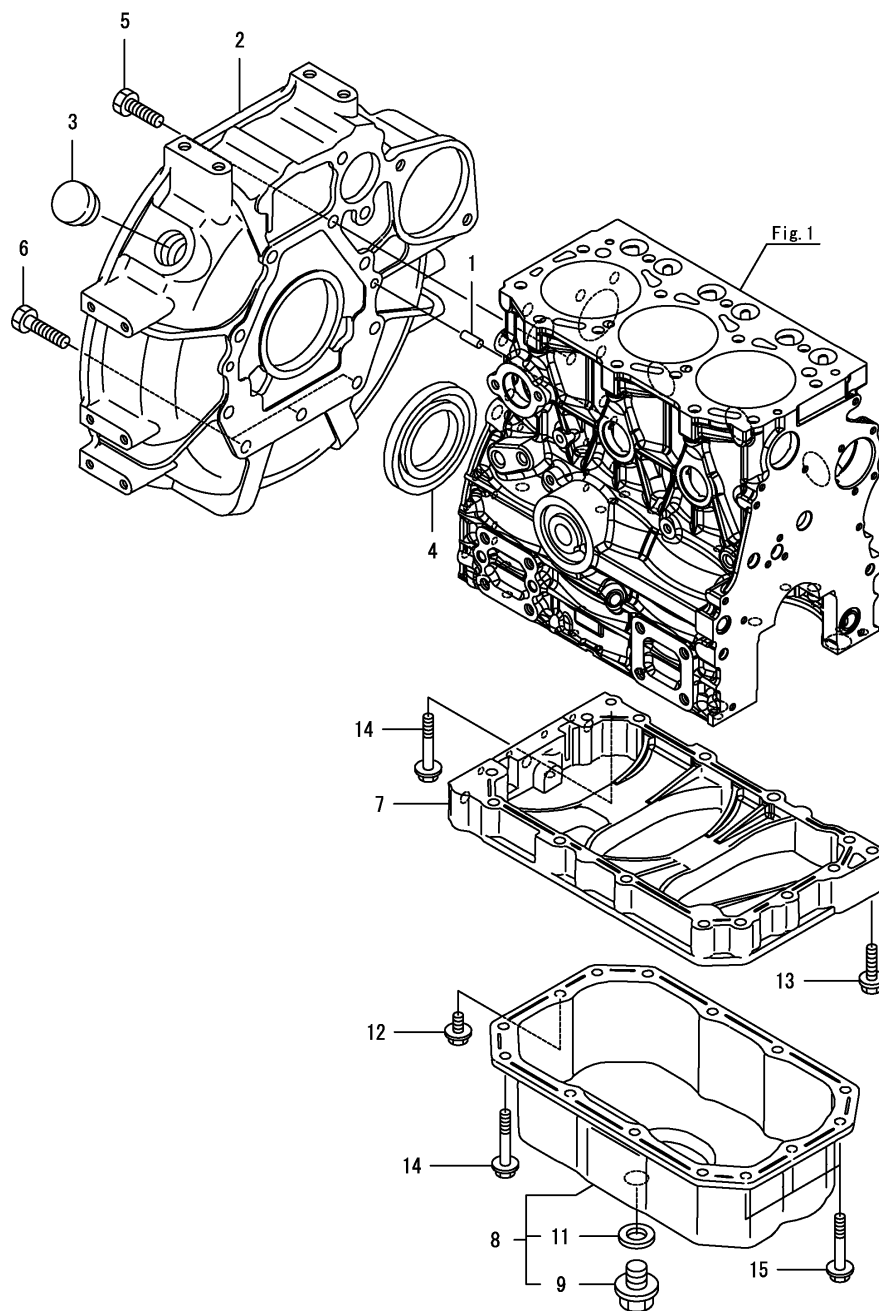
(C)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719717-01561	BLOCK ASSY, CYLINDER	1							
4	2	124060-01050	PLUG, PT1/8	1							
5	2	105311-01090	PLUG, 30	4							
6	2	119623-01250	PLUG, 45	1							
7	2	124160-01910	PLUG, PT1/4	1							
8	2	119285-01990	PLUG, 25	3							
9	2	119620-02020	BOLT, METAL CAP	8							
12	2	119717-02411	BUSH, CAMSHAFT	1							
13	2	27241-120000	PLUG, 12	1							
23	2	119717-02930	METAL ASSY, THRUST	2							
26	1	119810-01200	BOLT, CYLINDER HEAD	14							
27	1	119717-01331	GASKET, HEAD	1							
28	1	719717-02901	METAL ASSY, MAIN	4							1
31	1	719717-02911	METAL ASSY, MAIN .25	4							2
34	1	119810-02941	METAL ASSY, 0.25 OS	2							3

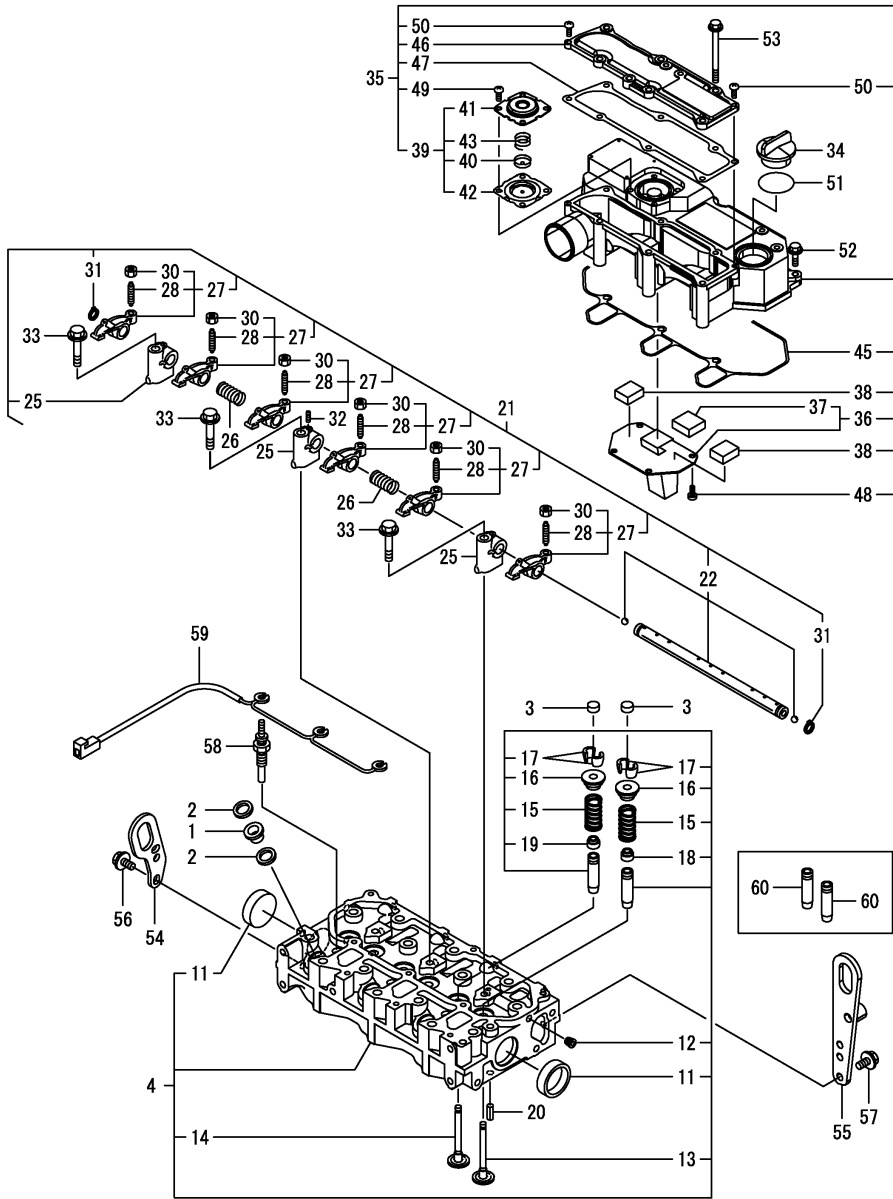


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-01501	CASE, GEAR	1							
2	1	119717-01570	STUD	3							
3	1	119734-01590	COVER ASSY, CASE	1							
4	2	719734-01500	COVER ASSY, CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	4	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY, PUMP	1							
9	3	119717-32080	COVER, OIL PUMP	1							
10	3	129900-32130	VALVE, RELIEF	1							
11	3	129001-32320	SPRING	1							
12	3	129001-32330	PLUG	1							
13	2	119717-32110	ROTOR, INNER	1							
14	2	119717-32120	ROTOR, OUTER	1							
15	2	119802-32130	SCREW, M6X16	8							
16	1	119717-01750	COVER, PUMP	1							
17	1	119660-01911	PIPE, KNOCK 6X17	4							
18	1	119624-32040	O-RING, P12.0	1							
19	1	119717-32050	O-RING, P17.0	3							
20	1	121850-51960	O-RING, FUEL PUMP	1							
21	1	26106-060122	BOLT, M6X 12 PLATED	1							
22	1	26106-060162	BOLT, M6X 16 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	4							
24	1	26106-060402	BOLT, M6X 40 PLATED	3							
25	1	26106-060602	BOLT, M6X 60 PLATED	7							
26	1	26106-060652	BOLT, M6X 65 PLATED	2							
27	1	26306-080002	NUT, M8	3							
28	1	124160-01751	CAP, FILLER	1							
29	1	24311-000320	O-RING, 1AP32.0	1							



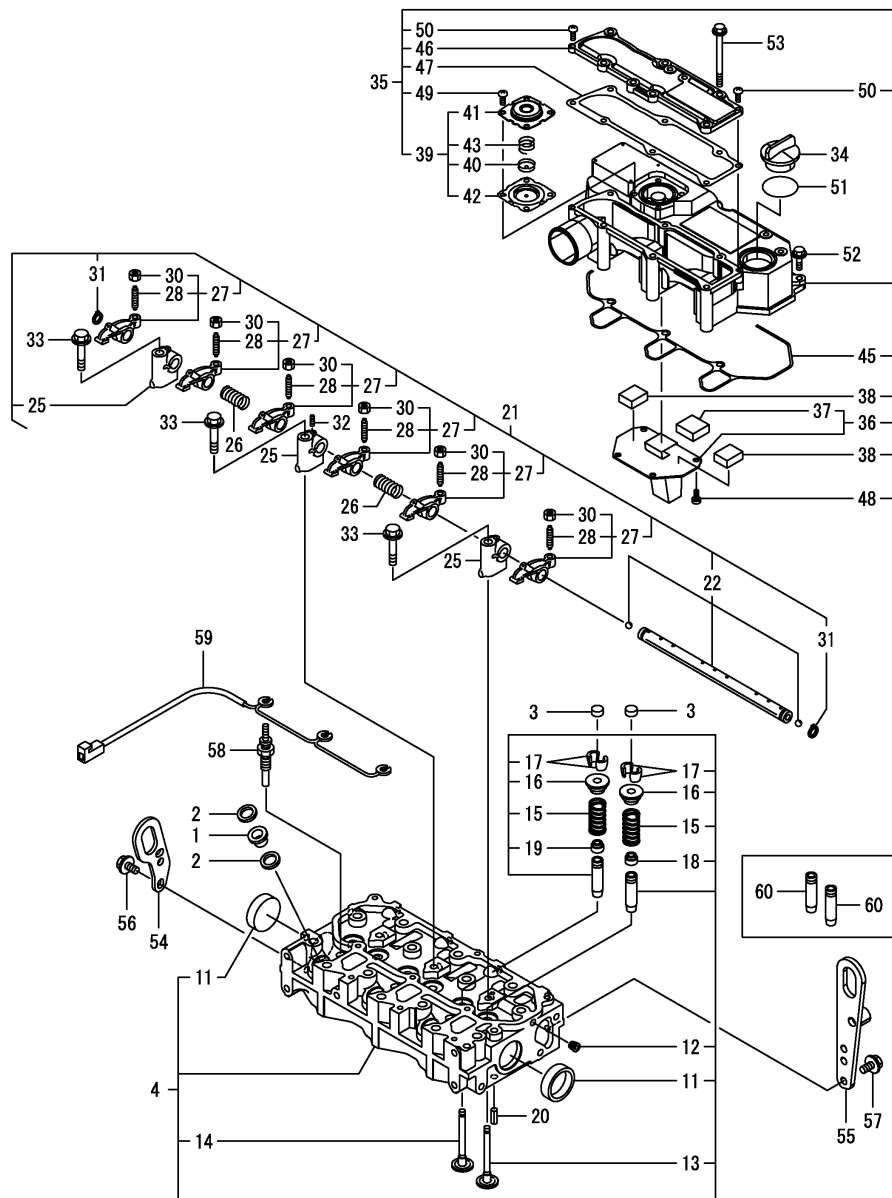
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	119717-01601	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP, WHEEL COVER	1							
4	1	119734-02220	SEAL, OIL WHEEL SIDE	1							
5	1	26206-100252	BOLT, M10X 25 PLATED	8							
6	1	26206-100302	BOLT, M10X 30 PLATED	3							
7	1	119717-01720	SPACER, OIL PAN	1							
8	1	119740-01770	OIL PAN ASSY	1							
9	2	105425-01690	PLUG, DRAIN M16	1							
11	2	22190-160002	WASHER, SEAL 16	1							
12	1	26106-080122	BOLT, M8X 12 PLATED	1							
13	1	26106-080302	BOLT, M8X 30 PLATED	1							
14	1	26106-080452	BOLT, M8X 45 PLATED	11							
15	1	26106-080502	BOLT, M8X 50 PLATED	3							

Fig.4. CYLINDER HEAD & BONNET



Remarks
(1)Spare parts.

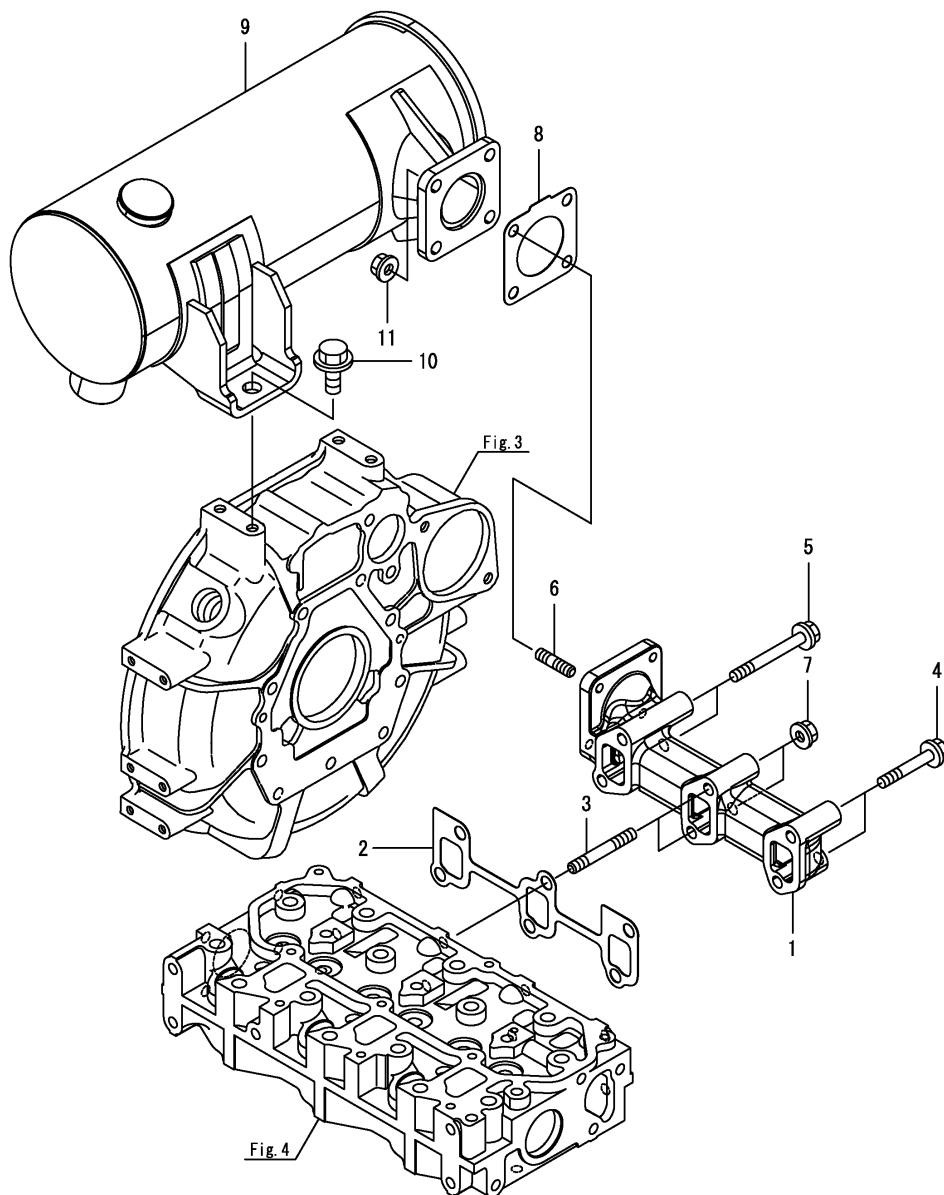
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129901-11450	PROTECTOR, NOZZLE	3							
2	1	119600-11460	GASKET, NOZZLE	6							
3	1	105010-11490	CAP, VALVE	6							
4	1	119717-11740	HEAD ASSY, CYLINDER	1							
11	2	119285-11990	PLUG, 35	2							
12	2	23876-005000	PLUG, R005	1							
13	2	119717-11101	VALVE, INTAKE	3							
14	2	119717-11110	VALVE, EXHAUST	3							
15	2	119717-11131	SPRING, VALVE	6							
16	2	129508-11180	RETAINER, SPRING	6							
17	2	119717-11190	COTTER, VALVE	12							
18	2	119717-11340	SEAL, VALVE STEM	3							
19	2	119717-11350	SEAL, VALVE STEM	3							
20	1	22351-060012	PIN, SPRING 6.0X12	2							
21	1	119717-11200	SUPPORT ASSY, ROCKER	1							
22	2	119717-11240	SHAFT ASSY, ARM	1							
25	2	119717-11260	SUPPORT, ROCKER ARM	3							
26	2	119620-11280	SPRING, SHAFT	2							
27	2	119717-11650	ARM ASSY, ROCKER INT	6							
28	3	129150-11230	SCREW, VALVE ADJUST	6							
30	3	129150-11750	NUT, M8XP1.0	6							
31	2	22242-000120	RING, 12	2							
32	2	26979-050162	SCREW, M5X16	1							
33	1	26106-080402	BOLT, M8X 40 PLATED	3							
34	1	124160-01751	CAP, FILLER	1							
35	1	119717-11381	BONNET ASSY, HEAD	1							
36	2	119717-03031	PLATE, BAFFLE	1							
37	3	119717-03070	BAFFLE, BREATHER	1							
38	2	119717-03070	BAFFLE, BREATHER	2							
39	2	119802-03100	DIAPHRAGM ASSY	1							
40	3	119802-03110	PLATE, DIAPHRAGM	1							
41	3	119802-03121	COVER, DIAPHRAGM	1							
42	3	119802-03131	DIAPHRAGM, BREATHER	1							
43	3	119802-03141	SPRING, DIAPHRAGM	1							
45	2	119718-11310	GASKET, BONNET	1							
46	2	119717-11320	COVER, BONNET	1							
47	2	119717-11331	GASKET, BONNET COVER	1							
48	2	22857-500100	SCREW, 5X10	4							
49	2	22857-500100	SCREW, 5X10	4							
50	2	22857-500160	SCREW, 5X16	2							
51	1	24311-000320	O-RING, 1AP32.0	1							
52	1	26106-060202	BOLT, M6X 20 PLATED	3							
53	1	26106-060752	BOLT, M6X 75 PLATED	6							
54	1	119626-07900	LIFTER, ENGINE	1							
55	1	119940-07900	LIFTER, ENGINE	1							
56	1	26106-080142	BOLT, M8X 14 PLATED	2							
57	1	26106-080162	BOLT, M8X 16 PLATED	2							
58	1	119717-77801	PLUG, GLOW	3							
58-1	1	119717-77810	PLUG, GLOW 12V	3							N
(A)=*2023.06)											
59	1	119717-77820	CONNECTOR, GLOW PLUG	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
60	1	119717-11800	GUIDE, VALVE	6							1

Remarks
(1) Spare parts.

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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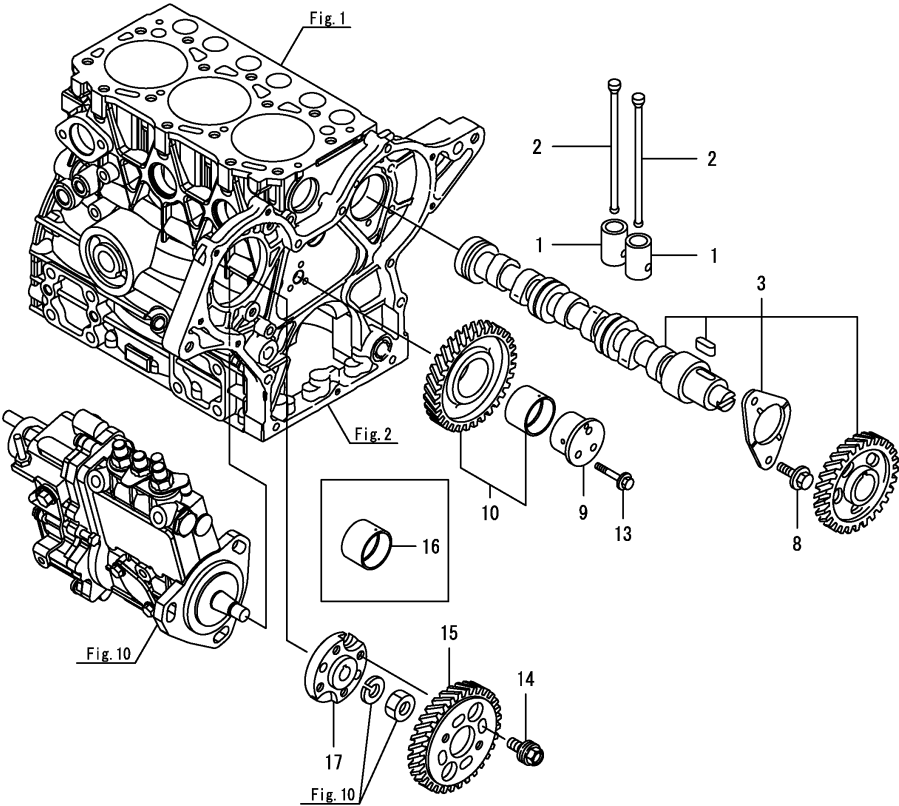
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119740-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET, MANIFOLD	1							
3	1	119717-13600	STUD, M8X50	2							
4	1	129E00-13610	BOLT, M8X50 10.9T	2							
5	1	129E00-13630	BOLT, M8X71 10.9T	2							
6	1	119131-18320	STUD, M8X22	4							
7	1	26306-080002	NUT, M8	2							
8	1	119515-13200	GASKET, SILENCER	1							
9	1	119740-13511	SILENCER	1							
10	1	26106-100162	BOLT, M10X 16 PLATED	1							
11	1	26306-080002	NUT, M8	4							

Fig.6. CAMSHAFT & DRIVING GEAR

(A)=3TNV76-PBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119620-14200	TAPPET	6							
2	1	119717-14400	ROD, PUSH	6							
3	1	119717-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE GEAR	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT, INJECTION PUMP	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-25911	BUSH, IDLE GEAR	1							1
17	1	119717-51150	FLANGE, CAMSHAFT	1							

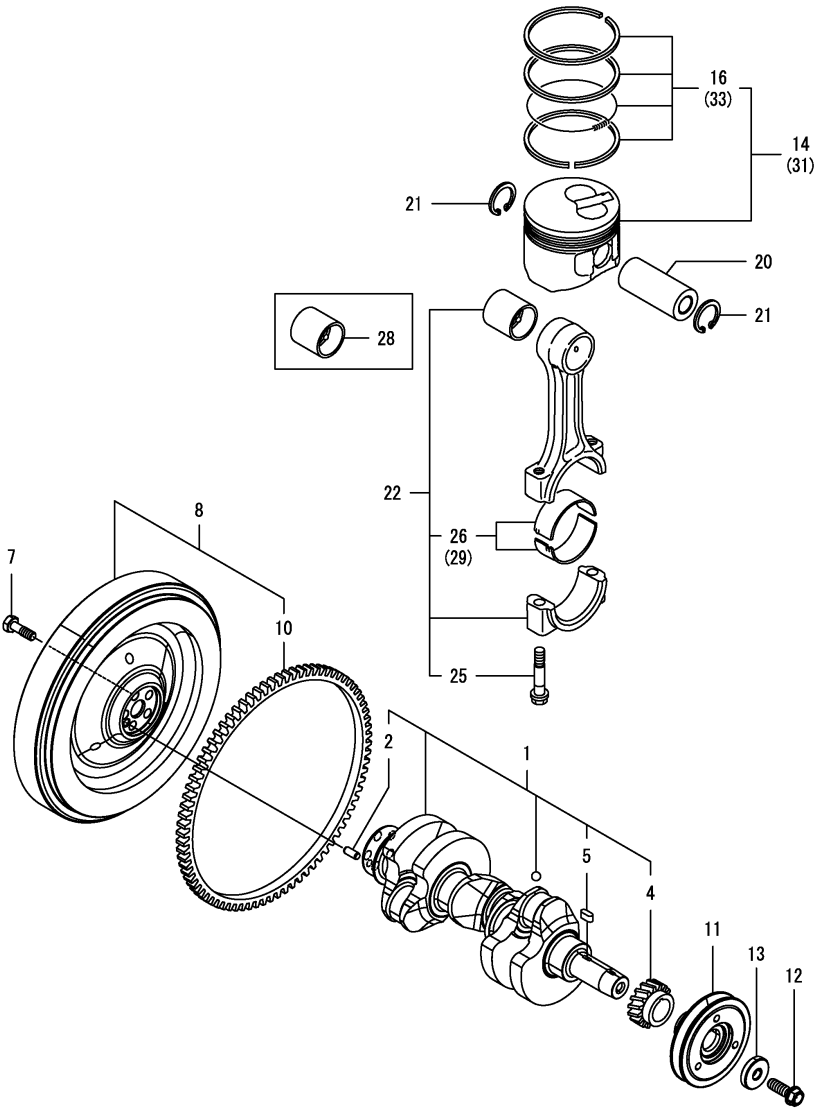


Remarks
(1)Spare parts.

Fig.7. CRANKSHAFT & PISTON

(A)=3TNV76-PBV1
(B)=
(C)=

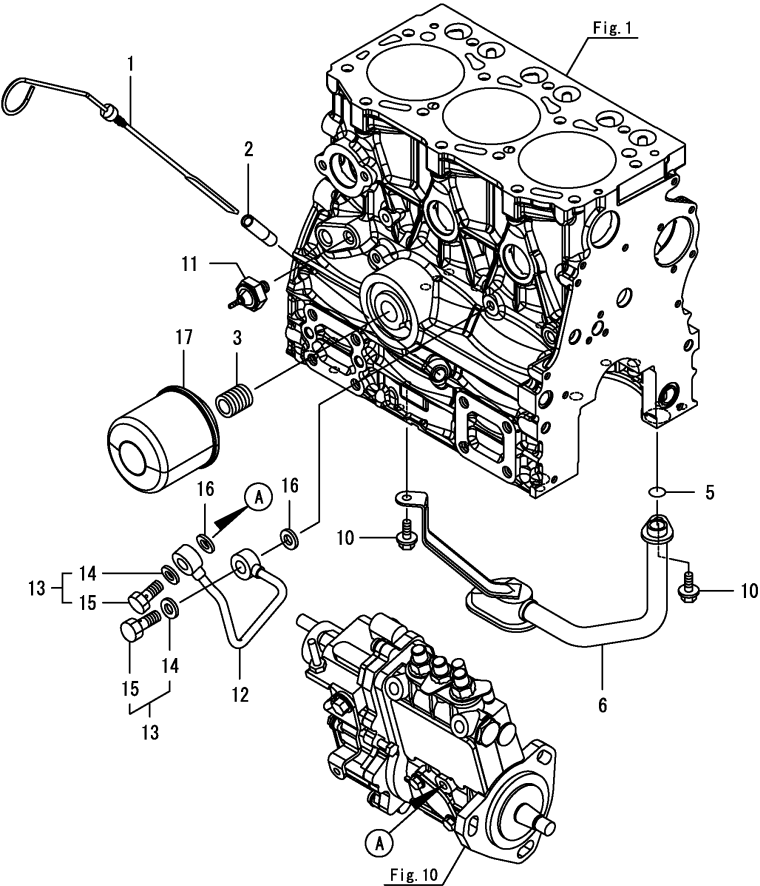
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	119717-21200	GEAR, CRANKSHAFT	1							
5	2	22512-040120	KEY, 4X 12	1							
7	1	121111-21501	BOLT, FLYWHEEL	5							
8	1	119636-21580	FLYWHEEL ASSY	1							
10	2	119865-21600	GEAR, RING Z=116	1							
11	1	119717-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21681	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER, 12	1							
14	1	119717-22080	PISTON ASSY	3							
16	2	119717-22500	RING SET, PISTON	3							
20	1	119717-22300	PIN, PISTON	3							
21	1	22252-000220	RING, 22	6							
22	1	119717-23001	ROD ASSY, CONNECTING	3							
25	2	119717-23200	BOLT, CONNECTING ROD	6							
26	2	119717-23601	METAL ASSY,CRANK PIN	3							
28	1	119717-23911	BUSH, PISTON PIN	3							1
29	1	119717-23611	METAL ASSY, PIN .25	3							2
31	1	119717-22090	PISTON ASSY, 0.25 OS	3							3
33	2	119717-22550	RING SET, PISTON .25	3							3

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

Fig.8. LUB. OIL SYSTEM



(A)=3TNV76-PBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119740-34801	DIPSTICK, OIL	1							
2	1	121520-34810	GUIDE, DIPSTICK	1							
3	1	119717-35140	STUD	1							
3-1	1	119417-35140 (A=X5014)	STUD, LO FILTER	1						N	
5	1	119717-32060	O-RING, P15.0	1							
6	1	119717-35080	PIPE ASSY, OIL INLET	1							
10	1	26106-060102	BOLT, M6X 10 PLATED	2							
11	1	114250-39450	SWITCH, HYDRAULIC	1							
12	1	119717-39210	PIPE, PUMP	1							
13	1	129005-59830	BOLT ASSY, JOINT M8	2							
14	2	22190-080002	WASHER, SEAL 8	2							
15	2	23857-030000	BOLT, JOINT 3	2							
16	1	22190-080002	WASHER, SEAL 8	2							
17	1	119305-35170	FILTER ASSY, D68XL65	1							1

Remarks
(1)Spare parts.

Fig.9. COOLING WATER SYSTEM

(A)=3TNV76-PBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-42000	PUMP ASSY, WATER	1							
1-1	1	119E10-42001	PUMP ASSY, CW	1						N	
(A=R3906)											
3	2	119717-42031	GASKET, WATER PUMP	1							
9	2	119C10-42320	O-RING, 2028	1							
13	1	119717-42020	GASKET, WATER PUMP	1							
14	1	23414-080000	GASKET, 8X1.0	1							
15	1	26106-080122	BOLT, M8X 12 PLATED	1							
16	1	26106-080502	BOLT, M8X 50 PLATED	3							
17	1	119740-42350	V-PULLEY, PUMP D=90	1							
18	1	25152-003550	V BELT, A 35.5	1							
19	1	171353-44760	SPACER, FAN 25MM	1							
20	1	26106-060352	BOLT, M6X 35 PLATED	4							
21	1	119233-44740	FAN, COOLING D290XUH	1							
22	1	129350-49530	COVER, THERMOSTAT	1							
23	1	119717-49800	THERMOSTAT, 71C	1							
24	1	26106-080202	BOLT, M8X 20 PLATED	2							
25	1	171056-49120	PLUG, DRAIN R1/4	1							
26	1	121250-44901	SWITCH, TEMPERATURE	1							
27	1	129927-44900	SENSOR, TEMPERATURE	1							
28	1	124465-44950	GASKET, 16	2							
29	1	129974-49350	JOINT, SENSOR	1							
30	1	22190-120002	WASHER, SEAL 12	1							

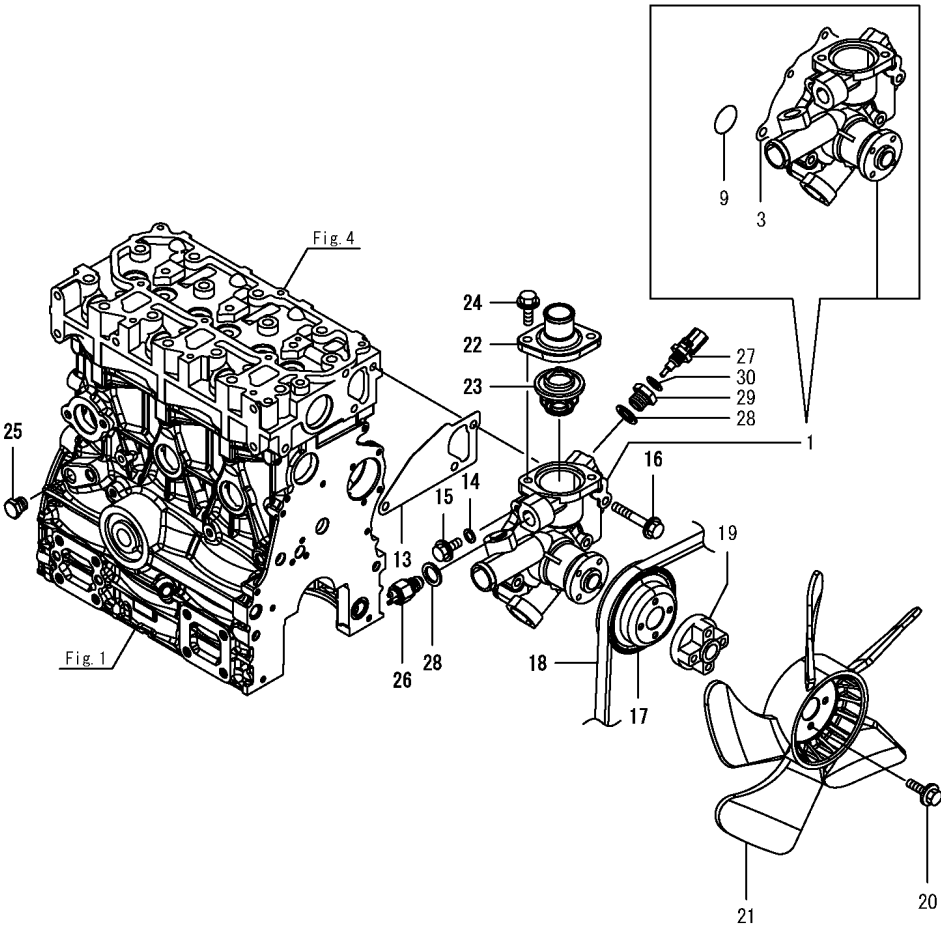
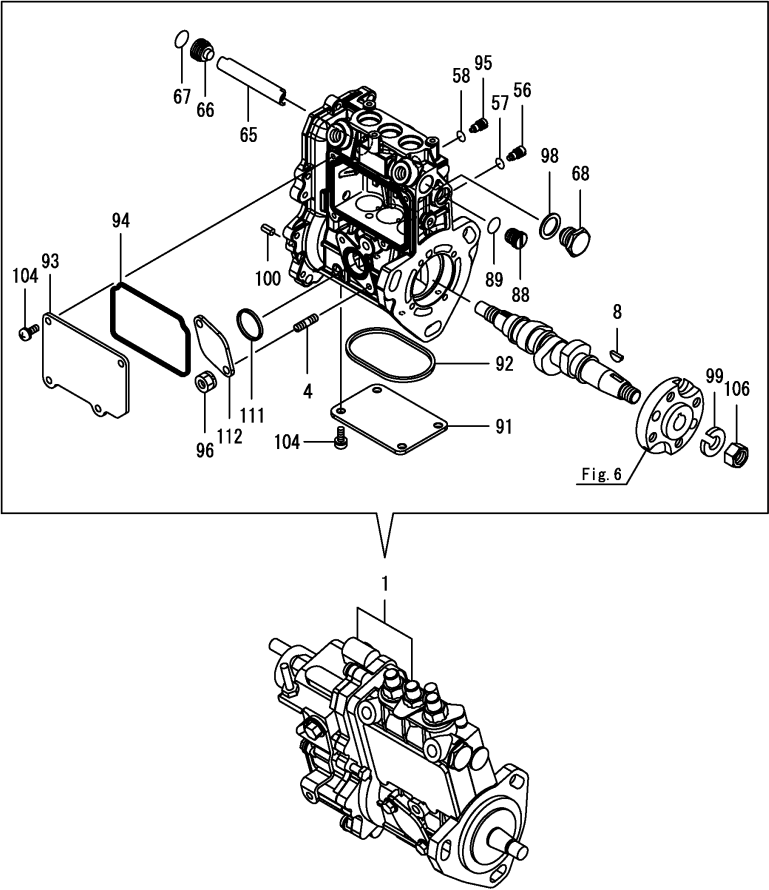


Fig.10. FUEL INJECTION PUMP

(A)=3TNV76-PBV1
(B)=
(C)=

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



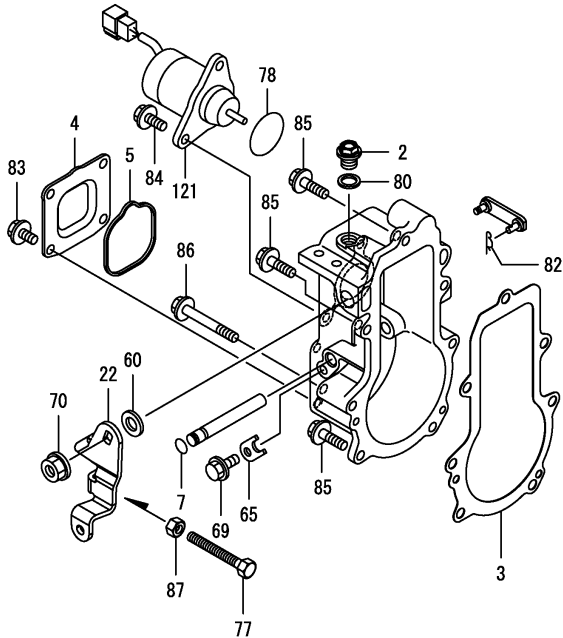
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719740-51360	PUMP ASSY, INJECTION	1							1
4	2	129155-51020	STUD	2							
8	2	122710-51090	KEY, FEATHER	1							
56	2	158600-51270	STOPPER, TAPPET	3							
57	2	129155-51280	O-RING, S6	3							
58	2	129155-51280	O-RING, S6	1							
65	2	129155-51400	PROTECTOR	1							
66	2	158600-51410	PLUG, DEFLIFTER M12	1							
67	2	119717-51420	O-RING	1							
68	2	158600-51420	PLUG, DEFLIFTER M16	1							
88	2	158600-51570	PLUG, RACK	1							
89	2	129155-51580	O-RING	1							
91	2	129155-51701	COVER, PUMP BOTTOM	1							
92	2	119717-51711	GASKET, PUMP	1							
93	2	119717-51750	COVER, BODY SIDE	1							
94	2	119717-51761	GASKET, PUMP COVER	1							
95	2	158600-51790	STOPPER, RACK	1							
96	2	119717-51860	NUT, M6	2							
98	2	22190-160002	WASHER, SEAL 16	1							
99	2	22217-120000	WASHER, SPRING 12	1							
100	2	22351-050010	PIN, SPRING 5.0X10	2							
104	2	26022-050122	SCREW, M5X12	8							
106	2	26716-120002	NUT, M12	1							
111	2	129155-52051	GASKET, PUMP COVER	1							
112	2	129100-52200	COVER, FEED PUMP	1							

Remarks

(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

(A)=3TNV76-PBV1
(B)=
(C)=

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



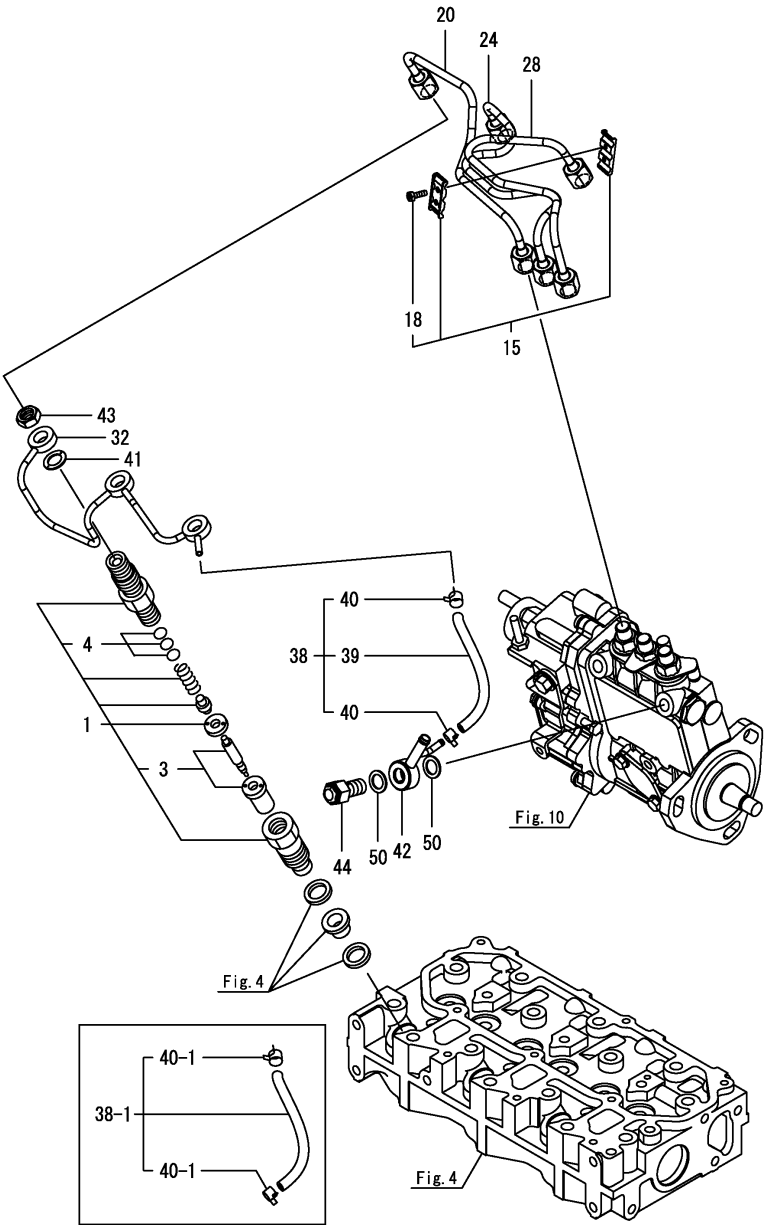
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	2	119717-51930	PLUG, M10	1							
3	2	119717-61050	GASKET, CASE	1							
4	2	119717-61060	COVER, GOVERNOR CASE	1							
5	2	119717-61070	GASKET, COVER	1							
7	2	129155-51280	O-RING, S6	1							
22	2	119740-61440	LEVER, CONTROL	1							
60	2	158552-61700	SHIM SET	1							
65	2	119660-61901	STOPPER, SHAFT	1							
69	2	26106-060102	BOLT, M6X 10 PLATED	1							
70	2	26366-080002	NUT, M8	1							
77	2	129155-61461	BOLT,IDLE LIMIT	1							
78	2	158552-61900	O-RING	1							
80	2	22190-100002	WASHER, SEAL 10	1							
82	2	22372-040000	PIN, SNAP 4	1							
83	2	26106-060102	BOLT, M6X 10 PLATED	4							
84	2	26106-060142	BOLT, M6X 14 PLATED	2							
85	2	26106-060202	BOLT, M6X 20 PLATED	4							
86	2	26106-060452	BOLT, M6X 45 PLATED	3							
87	2	119740-61470	NUT	1							
121	2	119233-77932	SOLENOID, STOP	1							

Remarks
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

Fig.12. FUEL INJECTION VALVE

(A)=3TNV76-PBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-53001	VALVE ASSY,INJECTION	3							
3	2	119717-53010	NOZZLE ASSY	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							1
15	1	129150-59120	RETAINER, PIPE	1							
18	2	129150-59131	BOLT, M4X14	2							
20	1	119717-59810	PIPE, INJECTION NO.1	1							
24	1	119717-59820	PIPE, INJECTION NO.2	1							
28	1	119717-59830	PIPE, INJECTION NO.3	1							
32	1	119717-59510	PIPE ASSY, RETURN	1							
38	1	119416-59520	PIPE ASSY, RETURN	1							
38-1	1	119416-59521	PIPE ASSY, FO RETURN	1							N
(A=U7766)											
39	2	119416-59510	PIPE, FUEL RETURN	1							
40	2	124060-77680	CLAMP, HOSE 10	2							
40-1	2	124066-59100	CLAMP, HOSE 8	2							S
(A=U8275)											
41	1	129901-59560	GASKET, FUEL RETURN	3							
42	1	119840-59570	JOINT, OVERFLOW	1							
43	1	119620-59700	NUT, NOZZLE RETURN	3							
44	1	119813-59950	VALVE ASSY, CHECK	1							
50	1	22190-120002	WASHER, SEAL 12	2							

Remarks
(1)Spare parts.

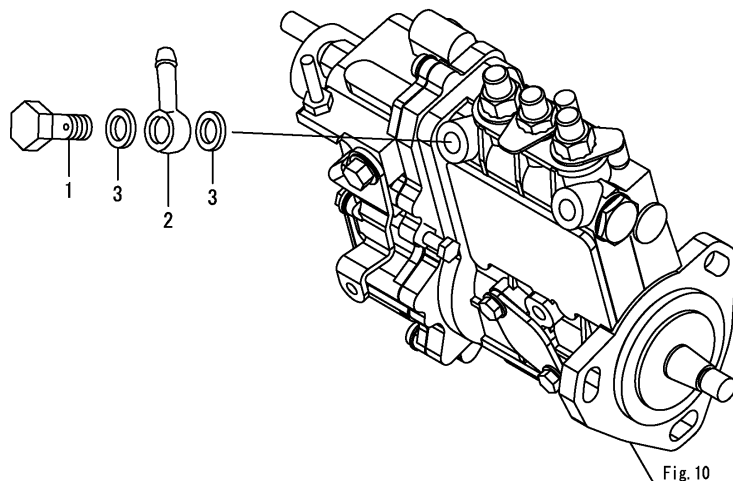


Fig. 10

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	103854-39140	BOLT, PIPE JOINT	1							
2	1	101304-59020	JOINT, PIPE 12	1							
3	1	22190-120002	WASHER, SEAL 12	2							

Fig.14. STARTER MOTOR(TO 120299)

(A)=3TNV76-PBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119717-77010	STARTER, P1.1	1							
2	2	X0281007750	YOKE ASSY	1							
3	3	X0280996180	STARTER KIT	2							
4	2	X0285105190	HOLDER ASSY	1							
5	3	X0285205030	SPRING	4							
6	2	X0282005991	ARMATURE ASSY	1							
7	2	X0283006960	CLUTCH	1							
8	2	X4284001590	HOUSING ASSY	1							
9	3	X9491050100	BEARING, NEEDLE	1							
10	2	X0285007030	FRAME ASSY	1							
11	3	X9491040990	BEARING	1							
12	3	X0280626010	COVER	1							
13	2	X0284105040	BEARING ASSY, SUB	1							
14	3	X9491034330	BEARING	1							
15	2	X0286105010	SHAFT ASSY, SUB	1							
16	3	X9491034320	BEARING	1							
17	2	X0286305010	GEAR	3							
18	2	X0286355010	GEAR	1							
19	2	X0287405140	LEVER	1							
20	2	X2534000090	SWITCH ASSY	1							
21	2	X9055715000	RING	1							
22	2	X9490721360	RING	1							
23	2	X0280210331	NUT	1							
24	2	X9490138110	WASHER	1							
25	2	X9490138090	WASHER	1							
26	2	X9490138100	WASHER	1							
27	2	X0284525010	PLATE	1							
28	2	X9490562360	NUT	1							
29	2	X9490560750	NUT	2							
30	2	X9490423420	BOLT, THROUGH	2							
32	2	X9490065670	SCREW, M4X6	2							
33	2	X1280330020	COVER, TERMINAL	1							
34	2	X1289510130	NUT	1							
35	1	26106-100252	BOLT, M10X 25 PLATED	2							

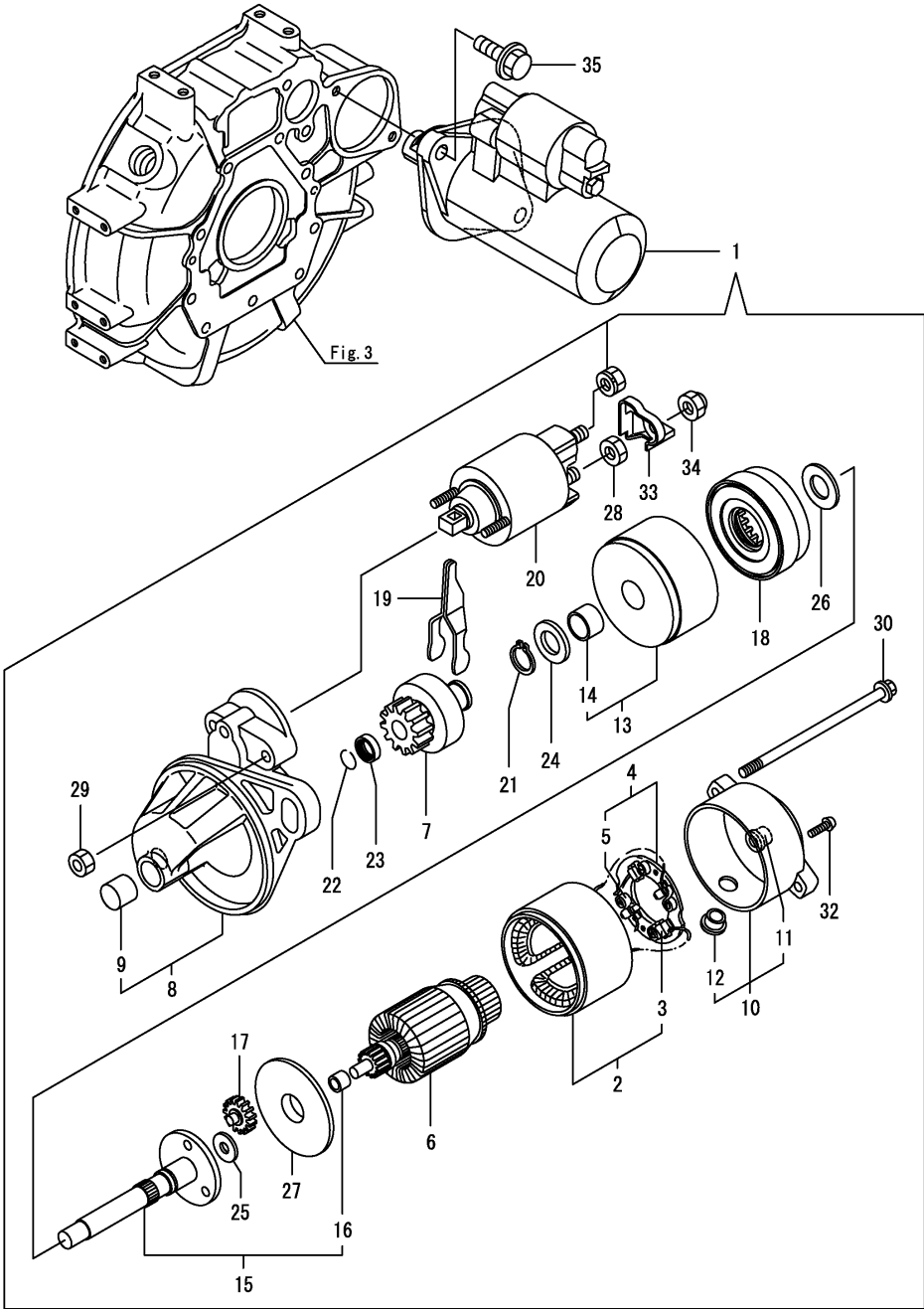
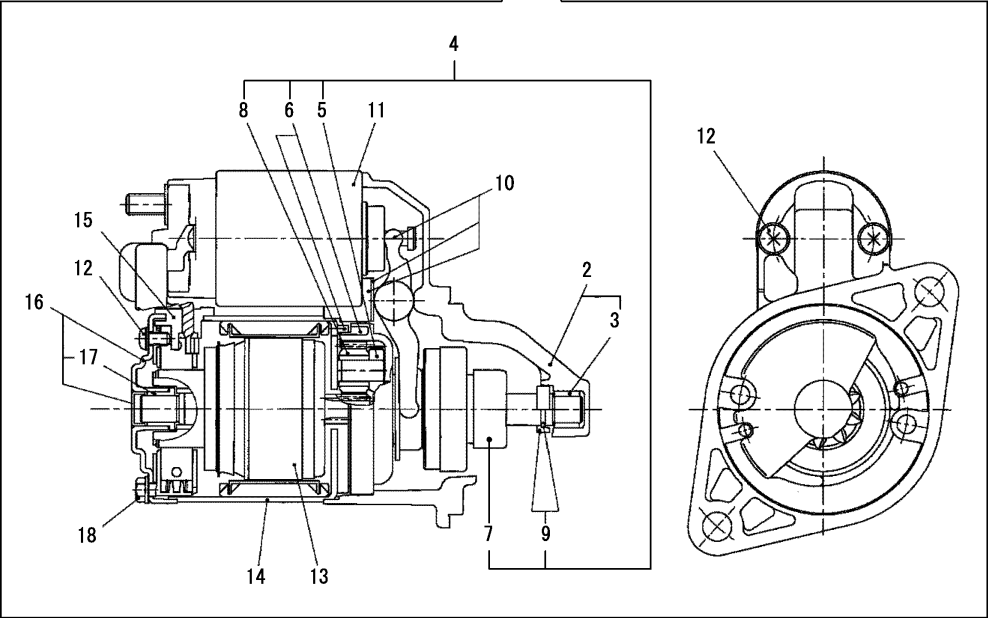
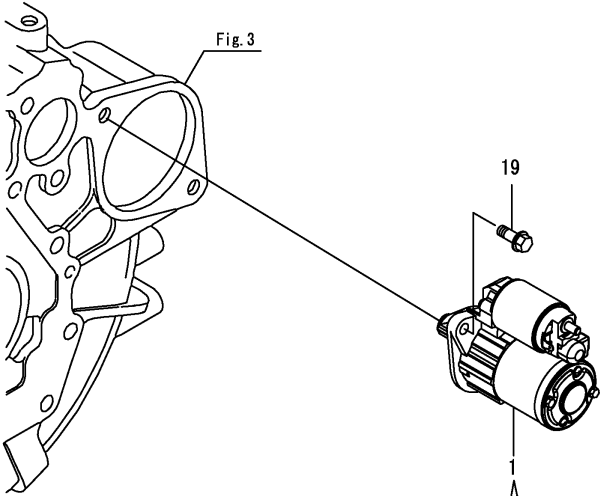


Fig.17. (14A)STARTER MOTOR(FROM 120300)

(A)=3TNV76-PBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119E10-77000	STARTER, 12V-1.1KW	1							N
(A=120300)											
2	2	119E10-77500	BRACKET ASSY, FRONT	1							
3	3	119E10-77510	METAL, FR	1							
4	2	119E10-77520	SHAFT ASSY, CLUTCH	1							
5	3	119E10-77530	SHAFT ASSY, GEAR	1							
6	3	119E10-77540	GEAR ASSY, INTERNAL	1							
7	3	119E10-77550	CLUTCH, OVER RUNNING	1							
8	3	119E10-77560	GEAR ASSY	3							
9	3	119E10-77570	STOPPER SET	1							
10	2	119E10-77580	LEVER	1							
11	2	119E10-77590	SWITCH ASSY	1							
12	2	119E10-77600	SCREW SET	1							
13	2	119E10-77610	ARMATURE	1							
14	2	119E10-77620	YOKE ASSY	1							
15	2	119E10-77630	BRUSH ASSY	1							
16	2	119E10-77640	COVER ASSY	1							
17	3	119E10-77650	METAL, RR	1							
18	2	119E10-77660	BOLT SET	1							
19	1	26106-100252	BOLT, M10X 25 PLATED	2							

(A)=3TNV76-PBV1
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129423-77210	ALTERNATOR, 12V-40A	1							
2	2	X9490561001	NUT	1							
3	2	119620-77380	ROTOR ASSY	1							
4	3	123501-79240	BEARING, BALL	1							
5	3	119620-79250	COVER, BEARING	1							
6	2	119620-77421	FRAME ASSY, DRIVE	1							
7	3	119620-79200	BEARING, BALL	1							
8	3	119620-79210	PLATE, RETAINER	1							
9	3	119620-79220	SCREW	4							
10	3	119620-79230	STUD	2							
11	2	119620-77440	FRAME ASSY, REAR	1							
12	2	119620-77461	PULLEY, GENERATOR	1							
13	2	119620-77471	NUT	1							
14	2	119620-77490	COLLAR	1							
15	2	129423-77720	REGULATOR ASSY	1							
16	2	119620-79260	HOLDER ASSY	1							
17	2	129052-79270	HOLDER ASSY, BRUSH	1							
18	3	119620-77480	BRUSH ASSY, SUB	2							
19	3	119620-79280	SPRING	2							
20	2	119620-79290	SCREW	6							
21	2	119620-79300	SCREW	1							
22	2	129240-79300	COVER	1							
23	2	119620-79310	BOLT	3							
24	2	119620-79320	SCREW, W/WASHER	2							
25	2	119620-79330	BOLT	2							
26	2	119620-79340	BUSH, INSULATION	1							
27	2	119620-79350	NUT	2							
28	2	119620-79360	WASHER, THRUST	1							
29	1	26106-100452	BOLT, M10X 45 PLATED	1							
30	1	119940-77270	SPACER, GENERATOR	1							
31	1	119740-77310	ADJUSTER, BELT	1							
32	1	119624-77351	BLOCK ASSY, ADJUSTER	1							
34	2	26106-081004	BOLT, M8X100 PLATED	1							
35	2	26306-080002	NUT, M8	1							
36	1	26106-080202	BOLT, M8X 20 PLATED	1							
37	1	26106-080552	BOLT, M8X 55 PLATED	1							

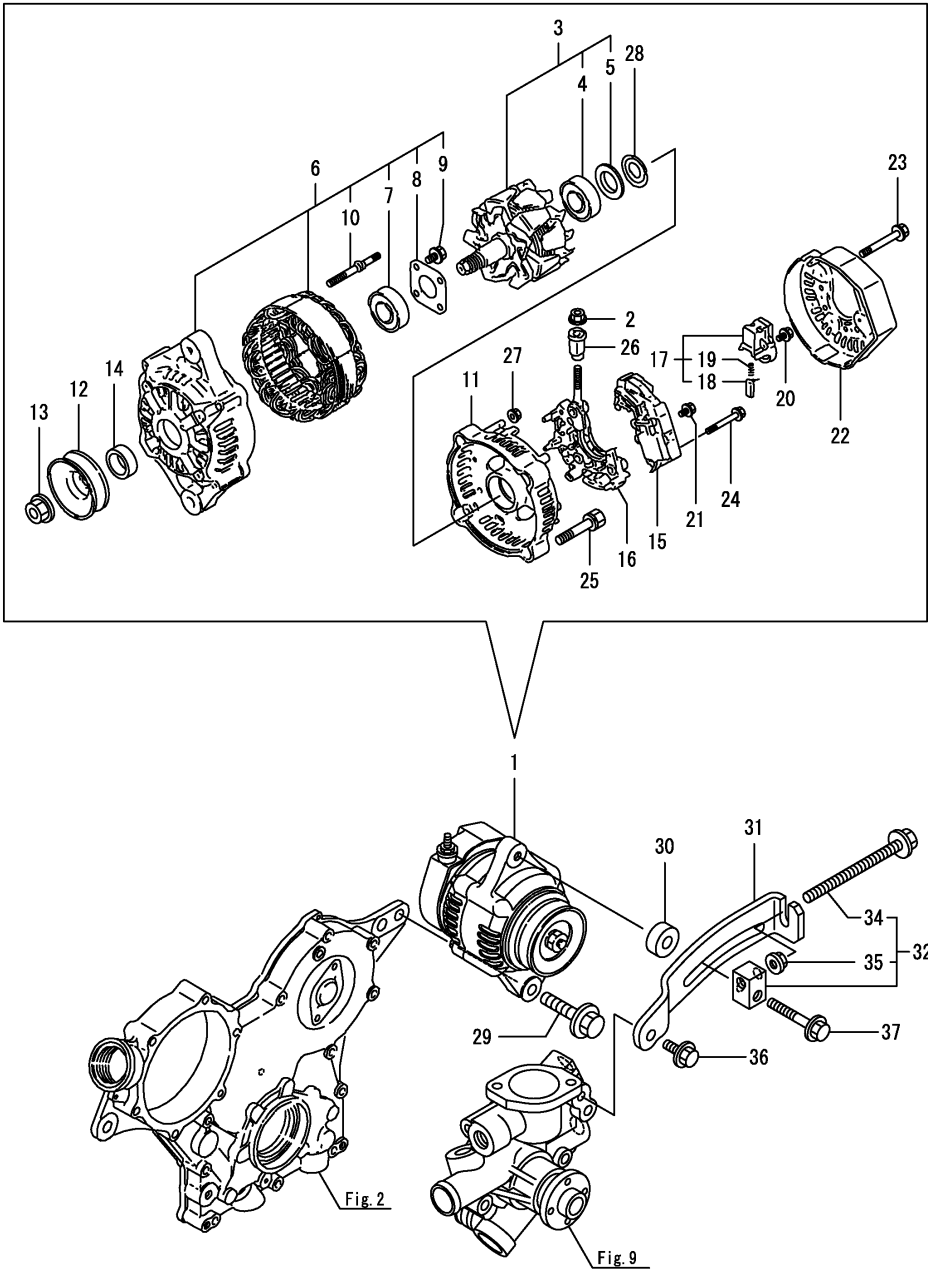
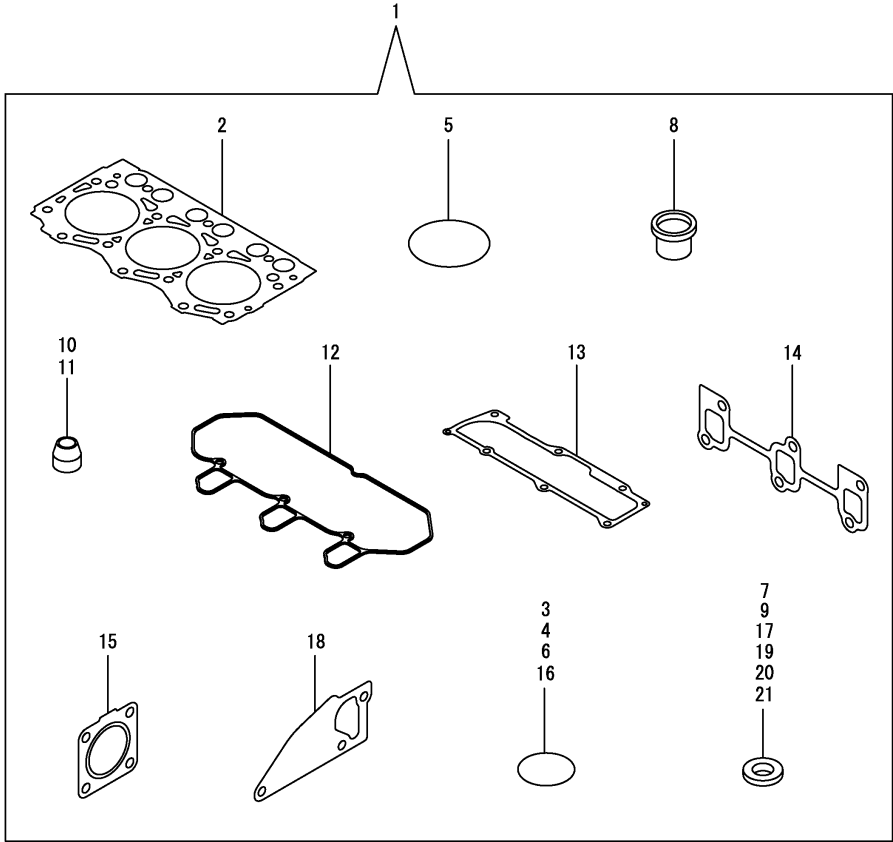


Fig.16. GASKET SET

(A)=3TNV76-PBV1
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719740-92600	GASKET SET	1							1
2	2	119717-01330	GASKET, HEAD	1							
3	2	119624-32040	O-RING, P12.0	1							
4	2	119717-32050	O-RING, P17.0	2							
5	2	121850-51960	O-RING, FUEL PUMP	1							
6	2	24311-000320	O-RING, 1AP32.0	2							
7	2	22190-160002	WASHER, SEAL 16	1							
8	2	129901-11450	PROTECTOR, NOZZLE	3							
9	2	119600-11460	GASKET, NOZZLE	6							
10	2	119717-11340	SEAL, VALVE STEM	3							
11	2	119717-11350	SEAL, VALVE STEM	3							
12	2	119718-11310	GASKET, BONNET	1							
13	2	119717-11331	GASKET, BONNET COVER	1							
14	2	119717-13110	GASKET, MANIFOLD	1							
15	2	119515-13200	GASKET, SILENCER	1							
16	2	119717-32060	O-RING, P15.0	1							
17	2	22190-080002	WASHER, SEAL 8	4							
18	2	119717-42020	GASKET, WATER PUMP	1							
19	2	23414-080000	GASKET, 8X1.0	1							
20	2	124465-44950	GASKET, 16	1							
21	2	129150-49360	GASKET, 10	1							

Remarks
(1)Optional parts.

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101304-59020	13	2
103854-39140	13	1
105010-11490	4	3
105311-01090	1	5
105425-01690	3	9
114250-39450	8	11
119131-18320	5	6
119233-44740	9	21
119233-77932	11	121
119285-01990	1	8
119285-11990	4	11
119305-35170	8	17
119416-59510	12	39
119416-59520	12	38
119416-59521	12	38 -1
119417-35140	8	3 -1
119515-13200	5	8
119600-11460	16	15
	4	2
119620-01750	16	9
	3	3
119620-02020	1	9
119620-11280	4	26
119620-14200	6	1
119620-21941	7	13
119620-59700	12	43
119620-77380	15	3
119620-77421	15	6
119620-77440	15	11
119620-77461	15	12
119620-77471	15	13
119620-77480	15	18
119620-77490	15	14
119620-79200	15	7
119620-79210	15	8
119620-79220	15	9
119620-79230	15	10
119620-79250	15	5
119620-79260	15	16
119620-79280	15	19
119620-79290	15	20
119620-79300	15	21
119620-79310	15	23
119620-79320	15	24
119620-79330	15	25
119620-79340	15	26
119620-79350	15	27
119620-79360	15	28
119621-21681	7	12
119623-01250	1	6

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119624-32040	2	18
119624-77351	16	3
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119626-07900	4	54
119636-21580	7	8
119660-01911	2	17
119660-61901	11	65
119717-01330	16	2
119717-01331	1	27
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01601	3	2
119717-01720	3	7
119717-01750	2	16
119717-01800	2	7
119717-02411	1	12
119717-02930	1	23
119717-03031	4	36
119717-03070	4	37
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119717-11101	4	13
	4	14
119717-11110	4	15
119717-11131	4	17
119717-11190	4	21
119717-11200	4	22
119717-11240	4	25
119717-11260	4	46
119717-11320	4	47
119717-11331	16	13
119717-11340	4	18
	16	10
119717-11350	4	19
	16	11
119717-11381	4	35
	4	27
119717-11650	4	4
119717-11740	4	4
119717-11800	4	60
119717-13110	5	2
	16	14
119717-13600	5	3
119717-14400	6	2
119717-14581	6	3
119717-21200	7	4
119717-21650	7	11
119717-21700	7	1
119717-22080	7	14
119717-22090	7	31
119717-22300	7	20

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119717-22500	7	16
119717-22550	7	33
119717-23001	7	22
119717-23200	7	25
119717-23601	7	26
119717-23611	7	29
119717-23911	7	28
119717-25050	6	9
119717-25101	6	10
119717-25911	6	16
119717-25930	6	15
119717-32050	2	19
	16	4
119717-32060	8	5
	16	16
119717-32080	2	9
119717-32100	2	8
119717-32110	2	13
119717-32120	2	14
119717-35080	8	6
119717-35140	8	3
119717-39210	8	12
119717-42020	9	13
	16	18
119717-42031	9	3
119717-49800	9	23
119717-51150	6	17
119717-51420	10	67
119717-51711	10	92
119717-51750	10	93
119717-51761	10	94
119717-51860	10	96
119717-51930	11	2
119717-53001	12	1
119717-53010	12	3
119717-59510	12	32
119717-59810	12	20
119717-59820	12	24
119717-59830	12	28
119717-61050	11	3
119717-61060	11	4
119717-61070	11	5
119717-77010	14	1
119717-77801	4	58
119717-77810	4	58 -1
119717-77820	4	59
119718-11310	4	45
	16	12
119734-01590	2	3
119734-02220	3	4

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119740-01770	3	8
119740-13100	5	1
119740-13511	5	9
119740-34801	8	1
119740-42350	9	17
119740-61440	11	22
119740-61470	11	87
119740-77310	15	31
119802-03100	4	39
119802-03110	4	40
119802-03121	4	41
119802-03131	4	42
119802-03141	4	43
119802-32130	2	15
119810-01200	1	26
119810-02941	1	34
119813-59950	12	44
119840-59570	12	42
119865-21600	7	10
119940-07900	4	55
119940-77270	15	30
119C10-42320	9	9
119E10-42000	9	1
119E10-42001	9	1 -1
119E10-77000	17	1
119E10-77500	17	2
119E10-77510	17	3
119E10-77520	17	4
119E10-77530	17	5
119E10-77540	17	6
119E10-77550	17	7
119E10-77560	17	8
119E10-77570	17	9
119E10-77580	17	10
119E10-77590	17	11
119E10-77600	17	12
119E10-77610	17	13
119E10-77620	17	14
119E10-77630	17	15
119E10-77640	17	16
119E10-77650	17	17
119E10-77660	17	18
121111-21501	7	7
121250-44901	9	26
121520-34810	8	2
121850-51960	2	20
	16	5
122710-51090	10	8
123501-79240	15	4
124060-01050	1	4

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124160-01751	2	28
	4	34
124160-01910	1	7
124465-44950	9	28
	16	20
129001-32320	2	11
129001-32330	2	12
129005-59830	8	13
129052-79270	15	17
129100-01580	3	1
	7	2
129100-52200	10	112
129150-11230	4	28
129150-11750	4	30
129150-25301	6	14
129150-49360	16	21
129150-59120	12	15
129150-59131	12	18
129155-51020	10	4
129155-51280	10	57
		58
	11	7
129155-51400	10	65
129155-51580	10	89
129155-51701	10	91
129155-52051	10	111
129155-61461	11	77
129240-79300	15	22
129350-49530	9	22
129423-77210	15	1
129423-77720	15	15
129508-11180	4	16
129900-32130	2	10
129901-11450	4	1
	16	8
129901-53800	12	4
129901-59560	12	41
129927-44900	9	27
129974-49350	9	29
129E00-13610	5	4
129E00-13630	5	5
158552-61700	11	60
158552-61900	11	78
158600-51270	10	56
158600-51410	10	66
158600-51420	10	68
158600-51570	10	88
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22190-080002	8	14
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22190-100002	11	80
22190-120002	9	30
	12	50
	13	3
22190-160002	3	11
	10	98
	16	7
22217-120000	10	99
22242-000120	4	31
22252-000220	7	21
22351-050010	10	100
22351-060012	4	20
22372-040000	11	82
22512-040120	7	5
22857-500100	4	48
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22857-500160	4	50
23414-080000	9	14
	16	19
23857-030000	8	15
23876-005000	4	12
23876-030000	2	6
24311-000320	2	29
	4	51
	16	6
25152-003550	9	18
26022-050122	10	104
26106-060102	8	10
	11	69
		83
26106-060122	2	21
	6	8
26106-060142	11	84
26106-060162	2	22
26106-060202	4	52
	11	85
26106-060352	6	13
	9	20
26106-060402	2	23
		24
26106-060452	11	86
26106-060602	2	25
26106-060652	2	26
26106-060752	4	53
26106-080122	3	12

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26106-080142	4	56
26106-080162	4	57
26106-080202	9	24
	15	36
26106-080302	3	13
26106-080402	4	33
26106-080452	3	14
26106-080502	3	15
	9	16
26106-080552	15	37
26106-081004	15	34
26106-100162	5	10
26106-100252	14	35
	17	19
26106-100452	15	29
26206-100252	3	5
26206-100302	3	6
26306-080002	2	27
	5	7
		11
	15	35
26366-080002	11	70
26716-120002	10	106
26979-050162	4	32
27241-120000	1	13
719717-01561	1	1
719717-02901	1	28
719717-02911	1	31
719734-01500	2	4
719740-51360	10	1
719740-92600	16	1
X0280210331	14	23
X0280626010	14	12
X0280996180	14	3
X0281007750	14	2
X0282005991	14	6
X0283006960	14	7
X0284105040	14	13
X0284525010	14	27
X0285007030	14	10
X0285105190	14	4
X0285205030	14	5
X0286105010	14	15
X0286305010	14	17
X0286355010	14	18
X0287405140	14	19
X1280330020	14	33
X1289510130	14	34
X2534000090	14	20

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X4284001590	14	8
X9055715000	14	21
X9490065670	14	32
X9490138090	14	25
X9490138100	14	26
X9490138110	14	24
X9490423420	14	30
X9490560750	14	29
X9490561001	15	2
X9490562360	14	28
X9490721360	14	22
X9491034320	14	16
X9491034330	14	14
X9491040990	14	11
X9491050100	14	9