

YANMAR 굴삭기**ViO17-1****PARTS CATALOG**

0CK50-M02440EN

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) VI017-1/-1B for Korea.
(M/# 10501~)

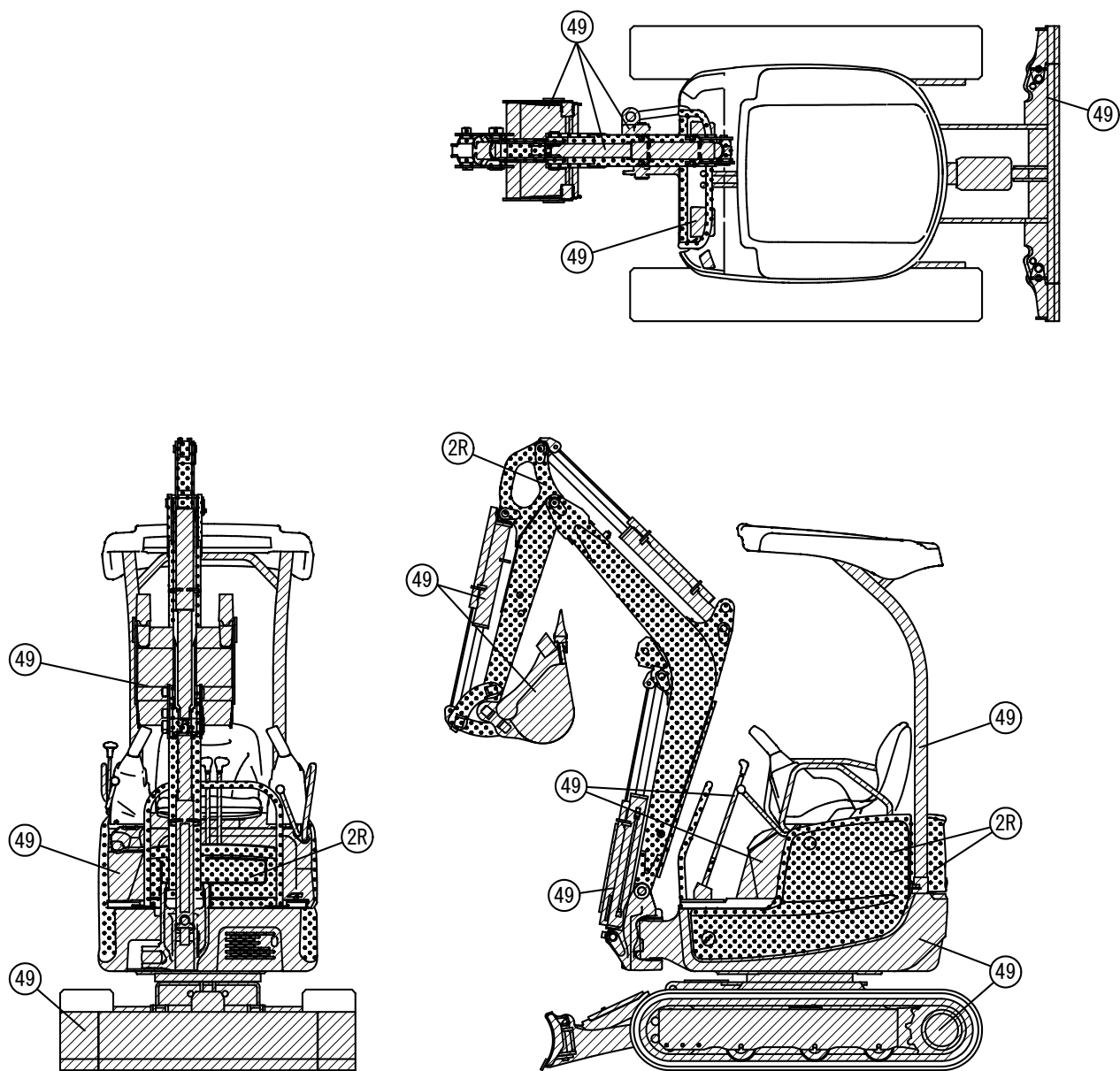
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI017-1/-1B (KR)	Jul., 2021	
	Engine	3TNV70-XBV		

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

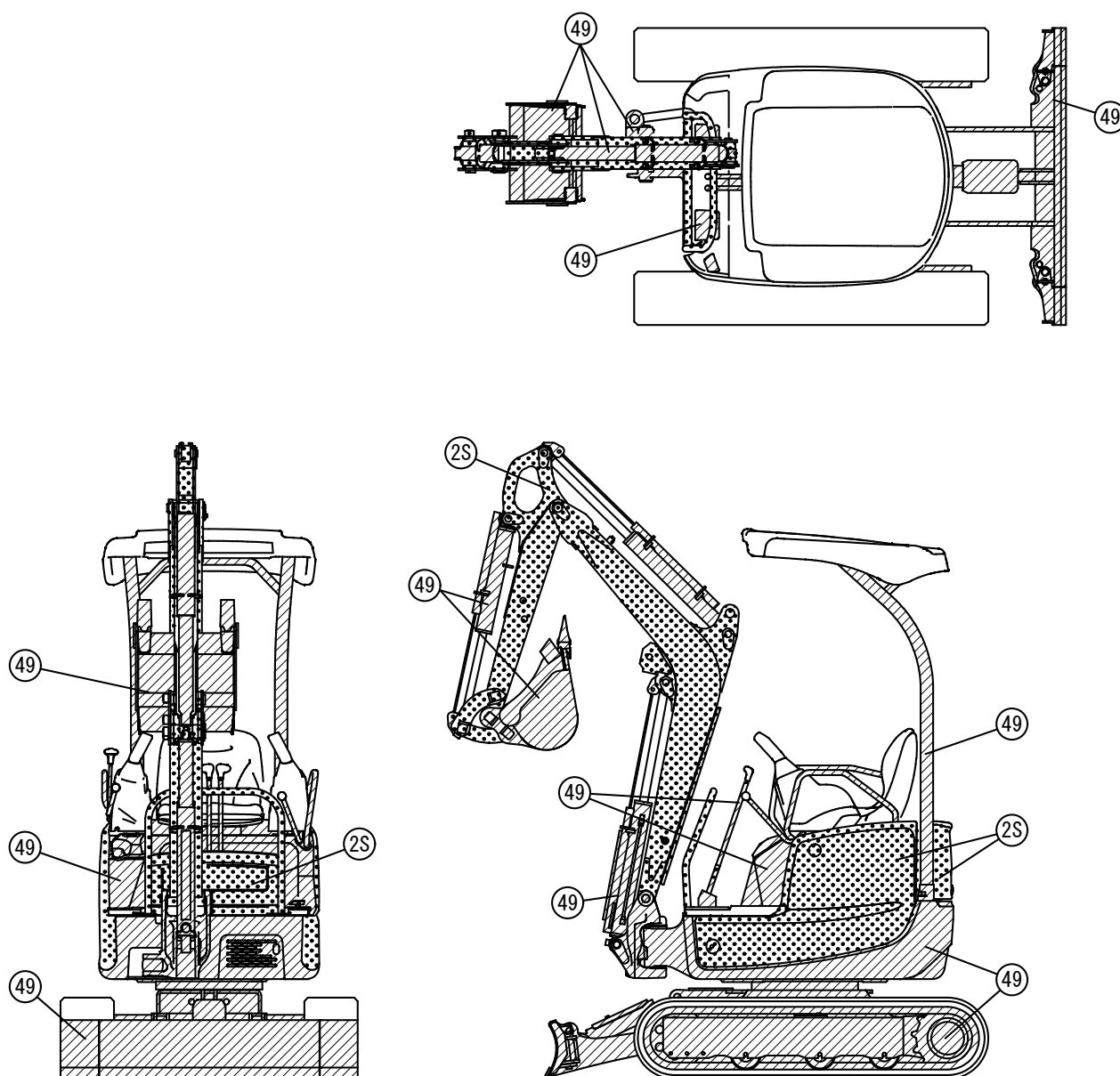
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR



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

VEHICLE PAINTED COLOR (PREMIUM RED SPEC.)



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

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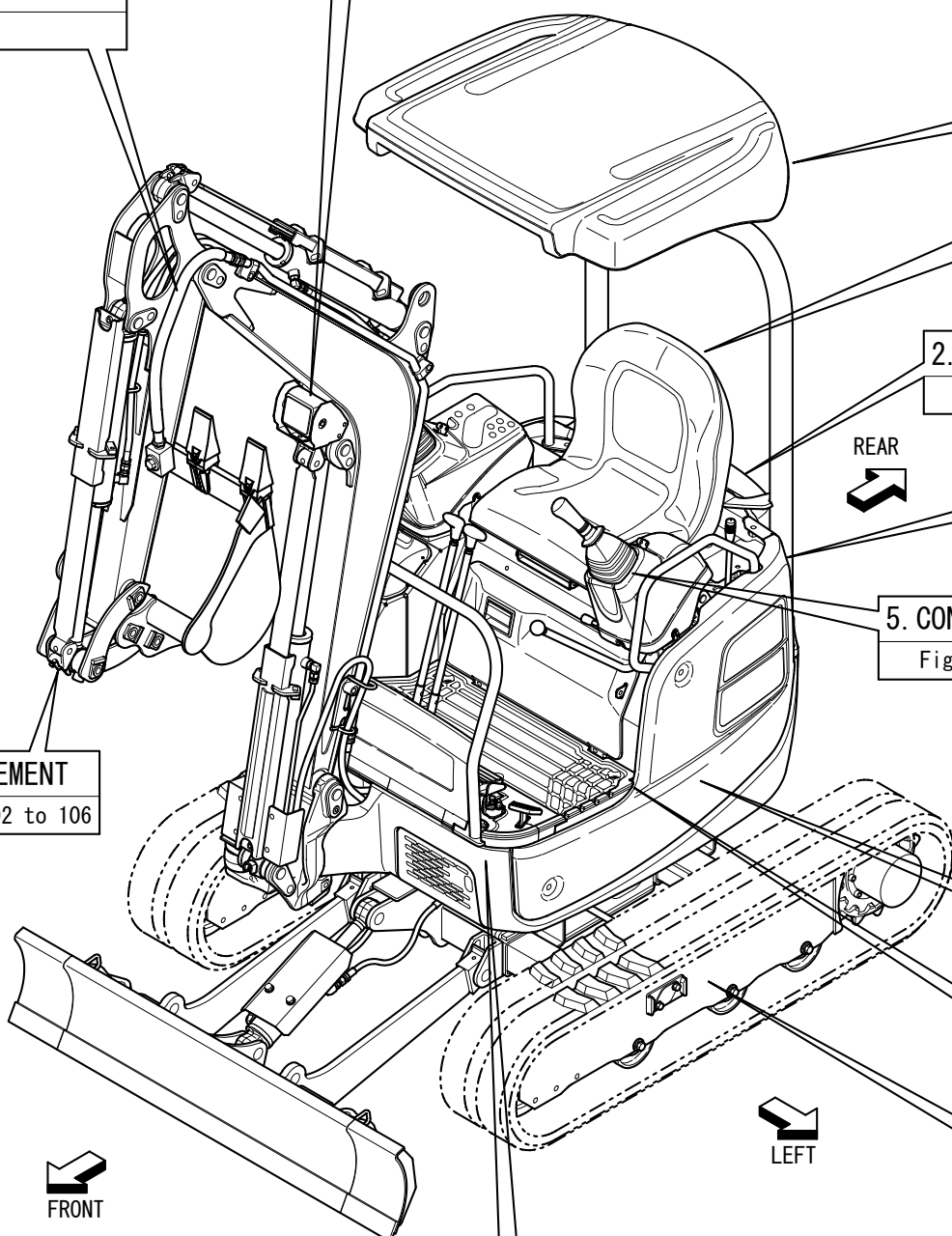
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RIGHT
➤

REAR
➤

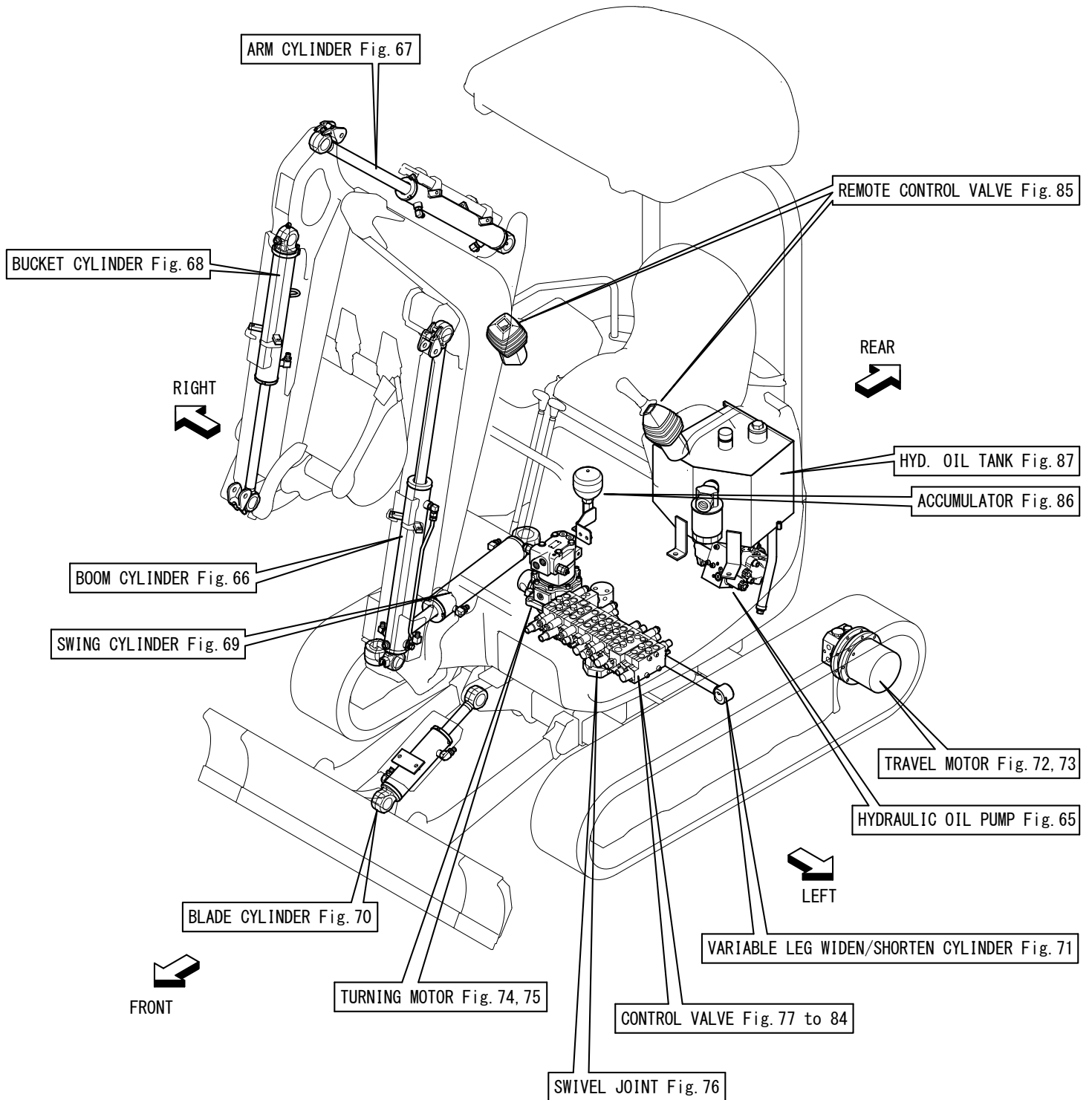
FRONT
➤

LEFT
➤



PICTURESQUE INDEX (2) ■ ■ ■ HYDRAULIC SECTION

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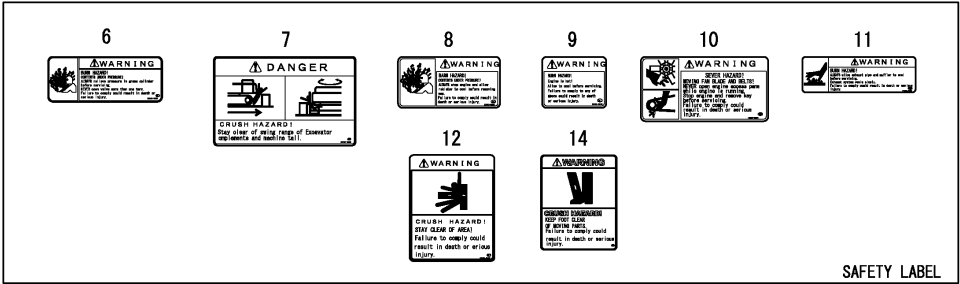
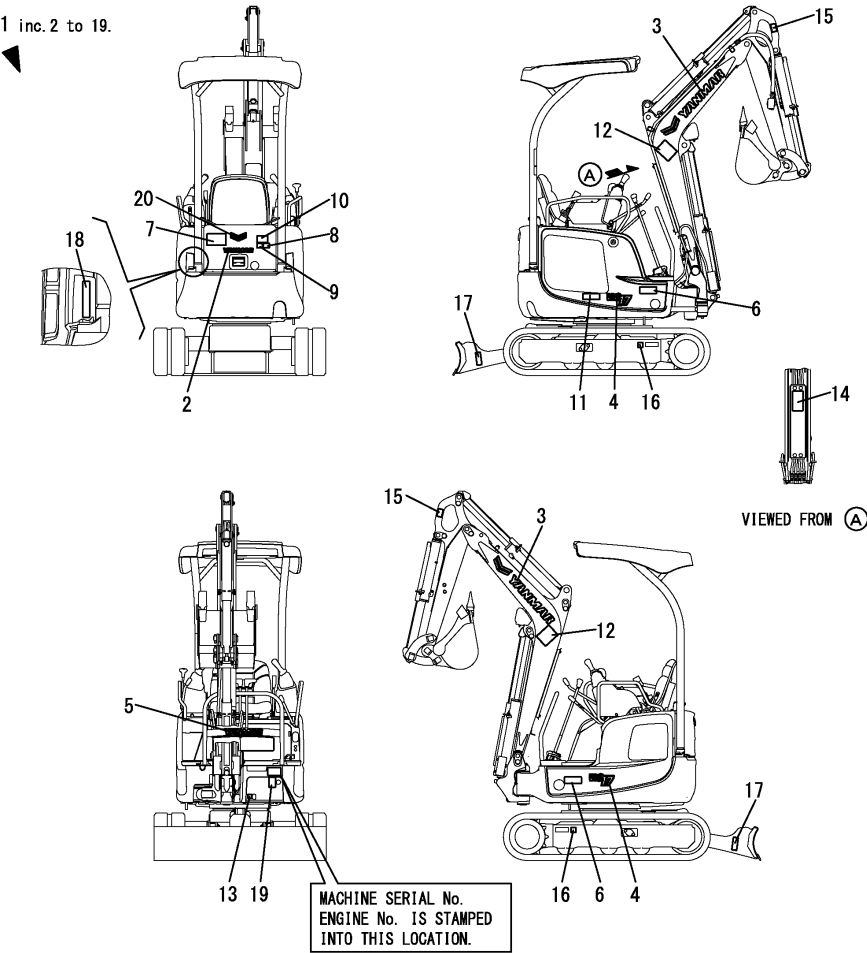
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OPTIONAL & KIT

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Fig.1. LABEL(EXTERIOR)(STANDARD SPEC.)

1 inc. 2 to 19.

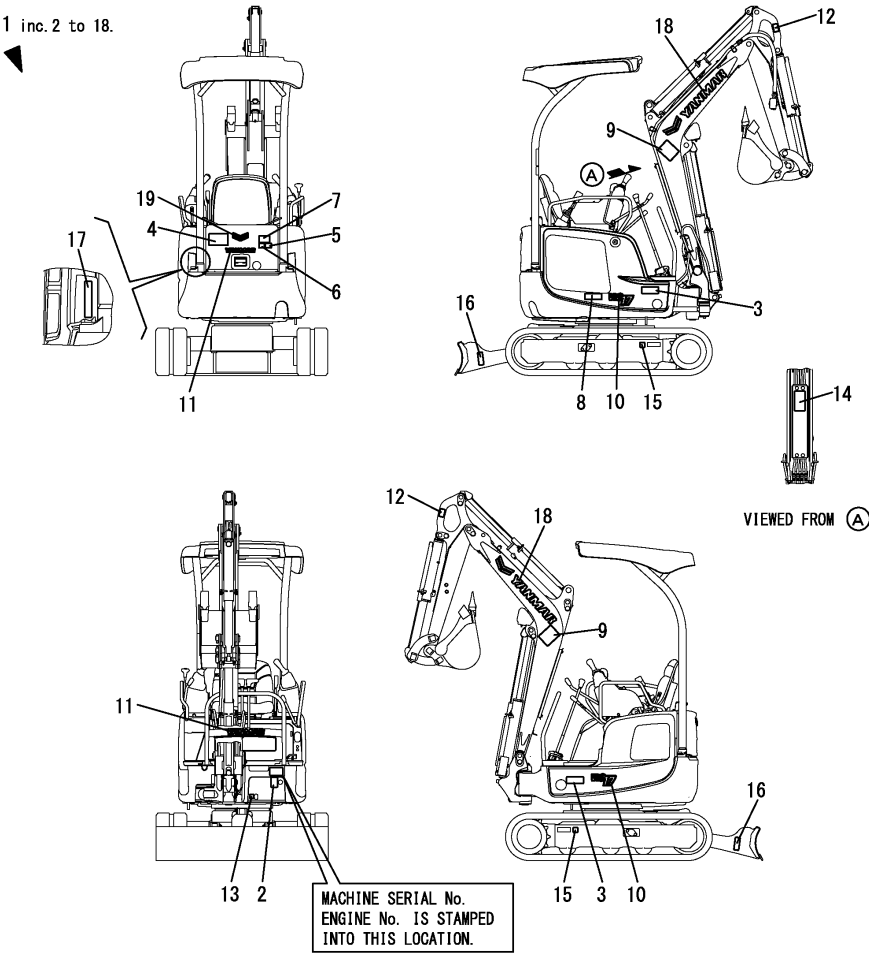


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08040	LABEL SET,OUT KR	1							
2	2	172A86-03750	LABEL, YANMAR 280 B	1							
3	2	172A86-04170	LABEL,FY&YANMAR 450B	2							
4	2	172A64-03470	LABEL, MODEL VIO17	2							
5	2	172A86-03750	LABEL, YANMAR 280 B	1							
6	2	172437-03352	LABEL, GREASE CYL US	2							
7	2	172A64-03380	LABEL, SWING AREA US	1							
8	2	172437-03391	LABEL, RADIATOR	1							
9	2	172437-03402	LABEL, ENGINE COVER	1							
10	2	172A36-03411	LABEL, ENGINE ROOM	1							
11	2	172437-03422	LABEL, SILENCER	1							
12	2	172437-03461	LABEL, BOOM	2							
13	2	172A55-03591	LABEL, GREASE	1							
14	2	172C02-03710	LABEL,WARNING US	1							
15	2	172437-03511	LABEL, LIFTING	2							
15-1	2	172437-03512	LABEL,LIFTING	2							N
(A=M10687)											
16	2	172B03-03930	LABEL,TIE-DOWN	2							
17	2	172B03-03940	LABEL,LIFTING & TIE	2							
18	2	172B04-03970	LABEL, REFLECTOR S	2							
19	2	172438-03300	LABEL, PTO SELECT	1							
20	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

Fig.109. (1A)LABEL(EXTERIOR)(STANDARD SPEC.)(PREMIUM RED SPEC.)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



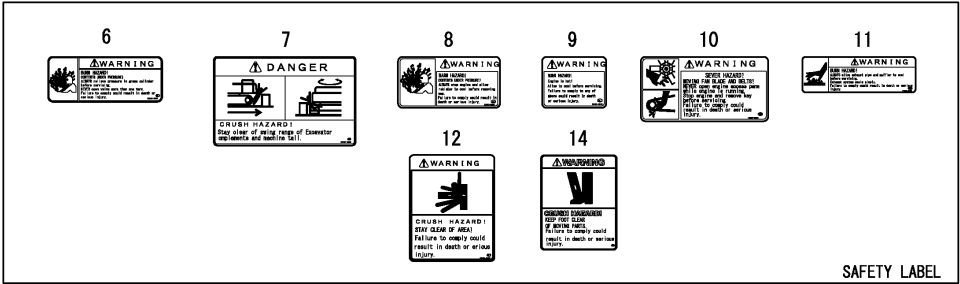
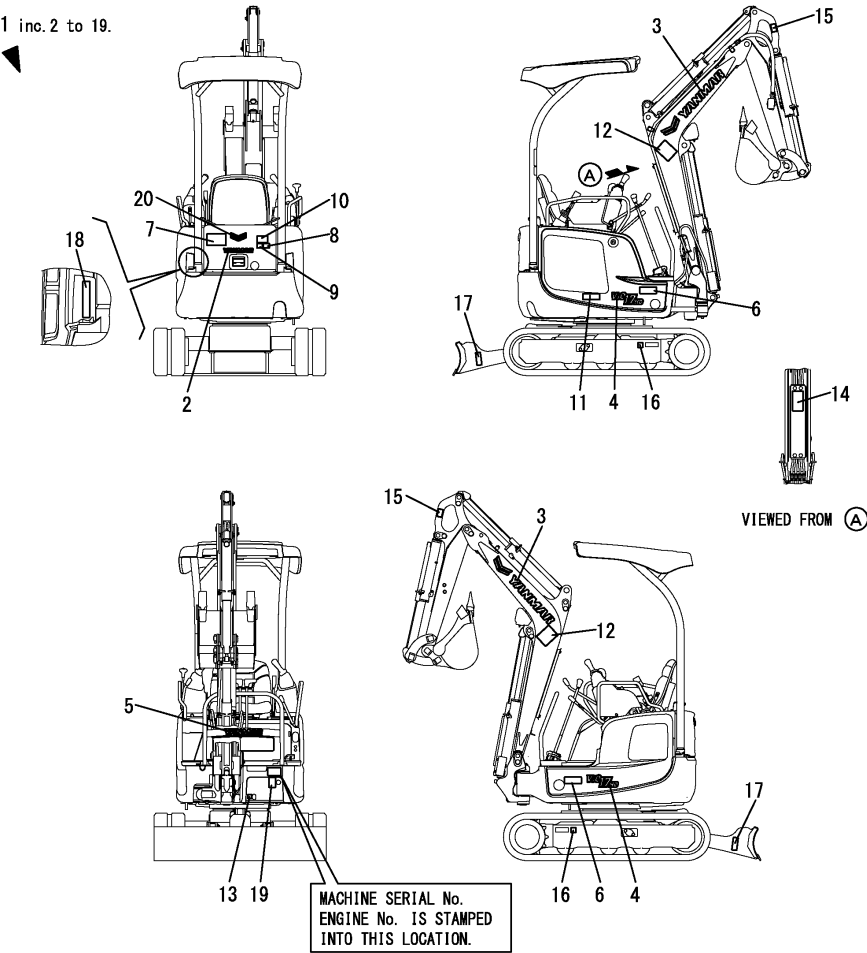
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08660	LABEL SET,OUT KR PR	1							
2	2	172438-03300	LABEL, PTO SELECT	1							
3	2	172437-03352	LABEL, GREASE CYL US	2							
4	2	172A64-03380	LABEL, SWING AREA US	1							
5	2	172437-03391	LABEL, RADIATOR	1							
6	2	172437-03402	LABEL, ENGINE COVER	1							
7	2	172A36-03411	LABEL, ENGINE ROOM	1							
8	2	172437-03422	LABEL, SILENCER	1							
9	2	172437-03461	LABEL, BOOM	2							
10	2	172A64-03470	LABEL, MODEL VIO17	2							
11	2	172A86-03480	LABEL, YANMAR 280 W	2							
12	2	172437-03512	LABEL,LIFTING	2							
13	2	172A55-03591	LABEL, GREASE	1							
14	2	172C02-03710	LABEL,WARNING US	1							
15	2	172B03-03930	LABEL,TIE-DOWN	2							
16	2	172B03-03940	LABEL,LIFTING & TIE	2							
17	2	172B04-03970	LABEL, REFLECTOR S	2							
18	2	172A86-04370	LABEL,FY&YANMAR 450W	2							
19	1	172A64-03450	EMBLEM ASSY,FY L2 BK	1							

Fig.2. LABEL(EXTERIOR)(HD SPEC.)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

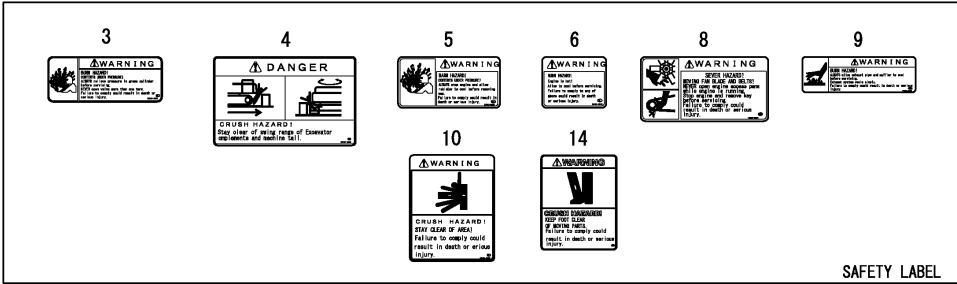
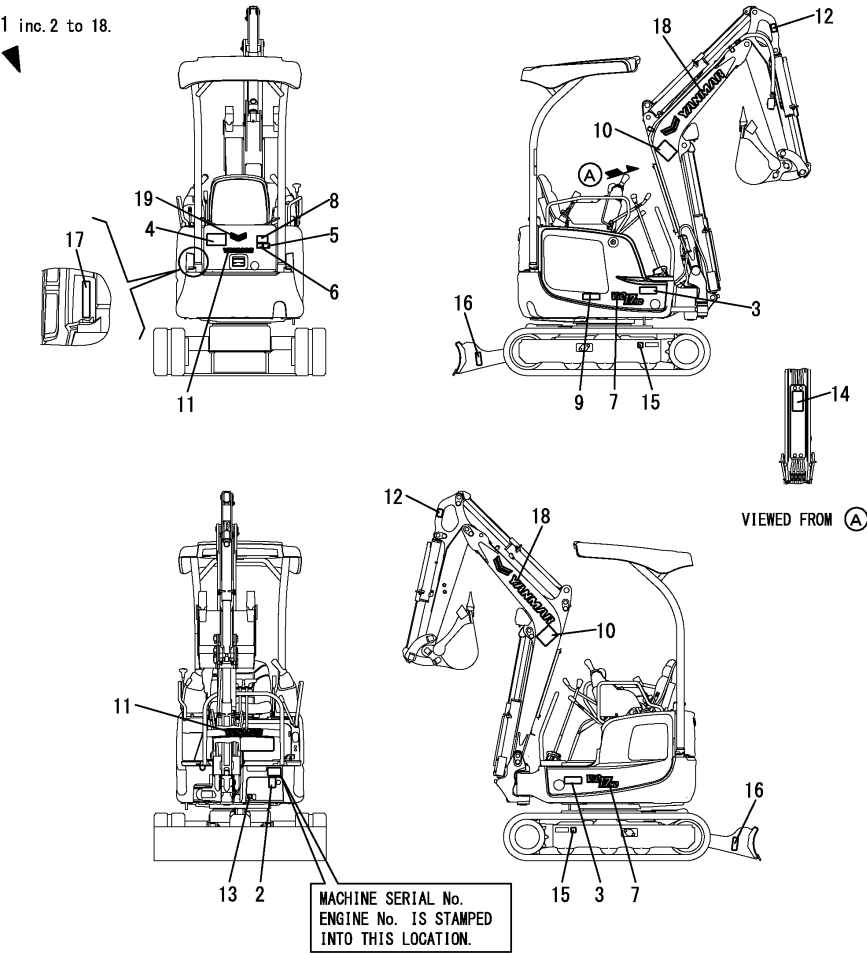
1 inc. 2 to 19.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08050	LABEL SET,OUT KR HD		1						
2	2	172A86-03750	LABEL, YANMAR 280 B		1						
3	2	172A86-04170	LABEL,FY&YANMAR 450B		2						
4	2	172C02-03400	LABEL,MODEL VIO17 HD		2						
5	2	172A86-03750	LABEL, YANMAR 280 B		1						
6	2	172437-03352	LABEL, GREASE CYL US		2						
7	2	172A64-03380	LABEL, SWING AREA US		1						
8	2	172437-03391	LABEL, RADIATOR		1						
9	2	172437-03402	LABEL, ENGINE COVER		1						
10	2	172A36-03411	LABEL, ENGINE ROOM		1						
11	2	172437-03422	LABEL, SILENCER		1						
12	2	172437-03461	LABEL, BOOM		2						
13	2	172A55-03591	LABEL, GREASE		1						
14	2	172C02-03710	LABEL,WARNING US		1						
15	2	172437-03511	LABEL, LIFTING		2						
15-1	2	172437-03512	LABEL,LIFTING		2						N
		(B=*2021.12)									
16	2	172B03-03930	LABEL,TIE-DOWN		2						
17	2	172B03-03940	LABEL,LIFTING & TIE		2						
18	2	172B04-03970	LABEL, REFLECTOR S		2						
19	2	172438-03300	LABEL, PTO SELECT		1						
20	1	172A64-03400	EMBLEM ASSY, FY L2 Y		1						

Fig.110. (2A)LABEL(EXTERIOR)(HD SPEC.)(PREMIUM RED SPEC.)

1 inc. 2 to 18.



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

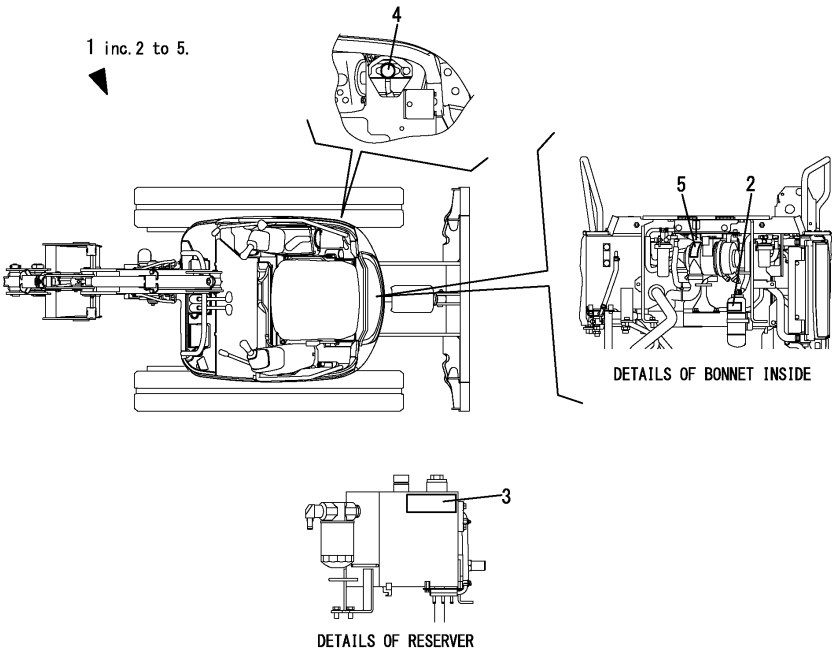
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08670	LABEL SET,OUT KRHDPR		1						
2	2	172438-03300	LABEL, PTO SELECT		1						
3	2	172437-03352	LABEL, GREASE CYL US		2						
4	2	172A64-03380	LABEL, SWING AREA US		1						
5	2	172437-03391	LABEL, RADIATOR		1						
6	2	172437-03402	LABEL, ENGINE COVER		1						
7	2	172C02-03400	LABEL,MODEL VIO17 HD		2						
8	2	172A36-03411	LABEL, ENGINE ROOM		1						
9	2	172437-03422	LABEL, SILENCER		1						
10	2	172437-03461	LABEL, BOOM		2						
11	2	172A86-03480	LABEL, YANMAR 280 W		2						
12	2	172437-03512	LABEL,LIFTING		2						
13	2	172A55-03591	LABEL, GREASE		1						
14	2	172C02-03710	LABEL,WARNING US		1						
15	2	172B03-03930	LABEL,TIE-DOWN		2						
16	2	172B03-03940	LABEL,LIFTING & TIE		2						
17	2	172B04-03970	LABEL, REFLECTOR S		2						
18	2	172A86-04370	LABEL,FY&YANMAR 450W		2						
19	1	172A64-03450	EMBLEM ASSY,FY L2 BK		1						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08130	LABEL SET,IN KR	1	1						
2	2	172A38-03201	LABEL, SUB TANK	1	1						
3	2	172437-03322	LABEL, RESERVOIR US	1	1						
4	2	172462-03320	LABEL, RADIATOR	1	1						
5	2	172125-03951	LABEL, AIR CLEANER	1	1						



SAFETY LABEL

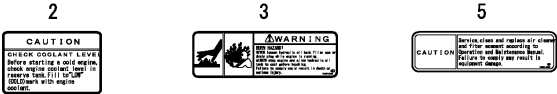
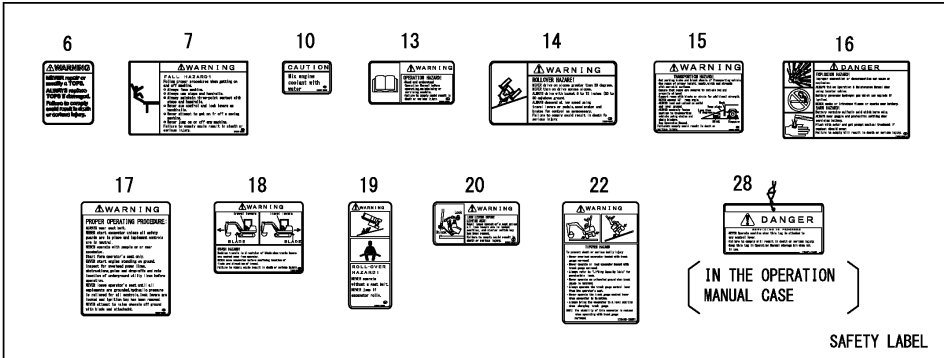
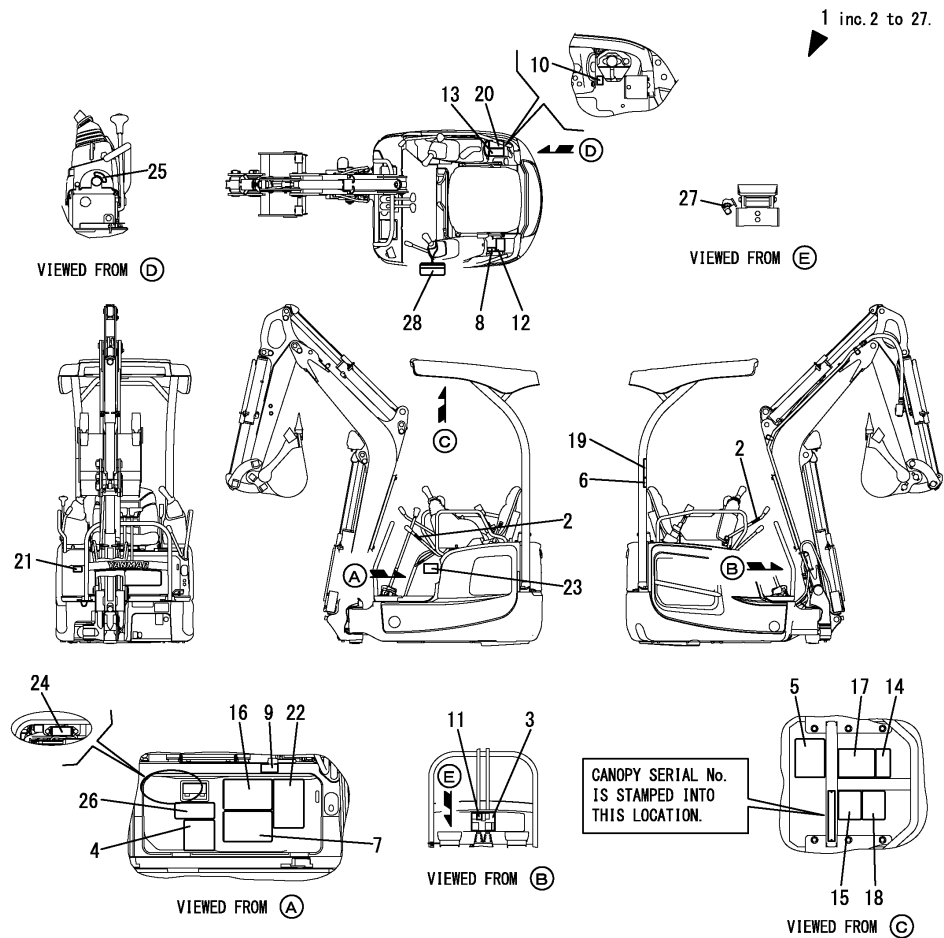
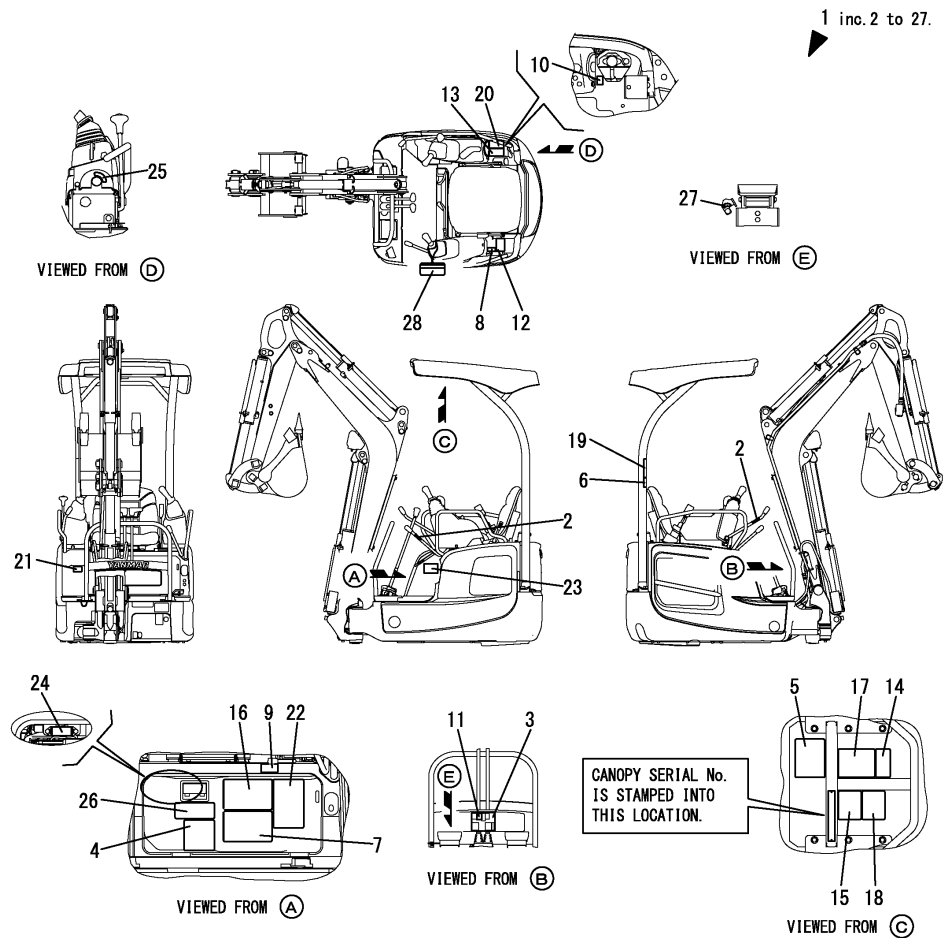


Fig.4. LABEL(CANOPY)(STANDARD SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08230	LABEL SET,2P KR	1							
2	2	172183-03280	LABEL, LOCK	2							
3	2	172490-03200	LABEL, OPERATION	1							
4	2	172437-03242	LABEL,ADJUST CRAWLER	1							
5	2	172A64-03270	LABEL, OIL&WATER US	1							
6	2	172499-03270	LABEL, TOPS	1							
7	2	172472-03141	LABEL, SUPPORT	1							
8	2	172519-03150	LABEL, ACCELERATOR	1							
9	2	172A64-03180	LABEL, W/S OPERATION	1							
10	2	172A38-03211	LABEL, ANTI-FREEZING	1							
11	2	172496-03250	LABEL, PTO	1							
12	2	172463-03290	LABEL, OILING US	1							
13	2	172437-03302	LABEL, MANUAL	1							
14	2	172437-03312	LABEL, SLOPE	1							
15	2	172437-03343	LABEL, TRANSPORT	1							
16	2	172437-03361	LABEL, BATTERY	1							
17	2	172437-03372	LABEL, NEUTRAL	1							
18	2	172437-03432	LABEL, STEERING	1							
19	2	172437-03451	LABEL, SEAT BELT	1							
20	2	172437-03471	LABEL, LEVER LOCK US	1							
21	2	172437-03501	LABEL, FUEL US	1							
22	2	172446-03652	LABEL, VARIABLE US	1							
23	2	172C02-04110	LABEL,GREASING EX	1							
24	2	172C02-03310	LABEL, FUSE BOX EX	1							
25	2	172B03-03220	LABEL, KEY SWITCH	1							
26	2	172C02-03130	LABEL,SPEC KR	1							
27	2	172458-03240	LABEL, LOCK	1							
28	1	172437-03252	TAG ASSY, CAUTION	1							

Fig.5. LABEL(CANOPY)(HD SPEC.)



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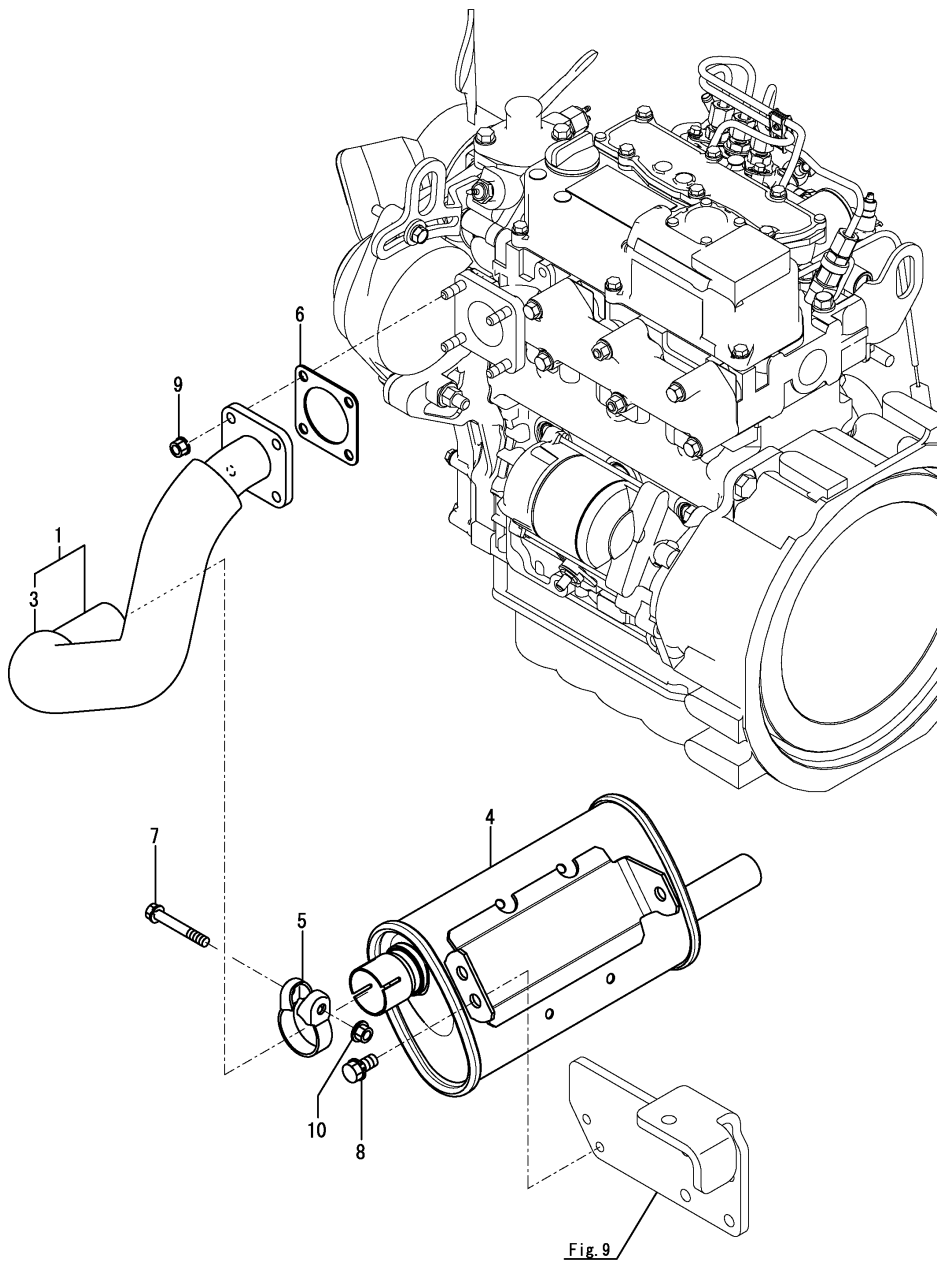
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SAFETY LABEL

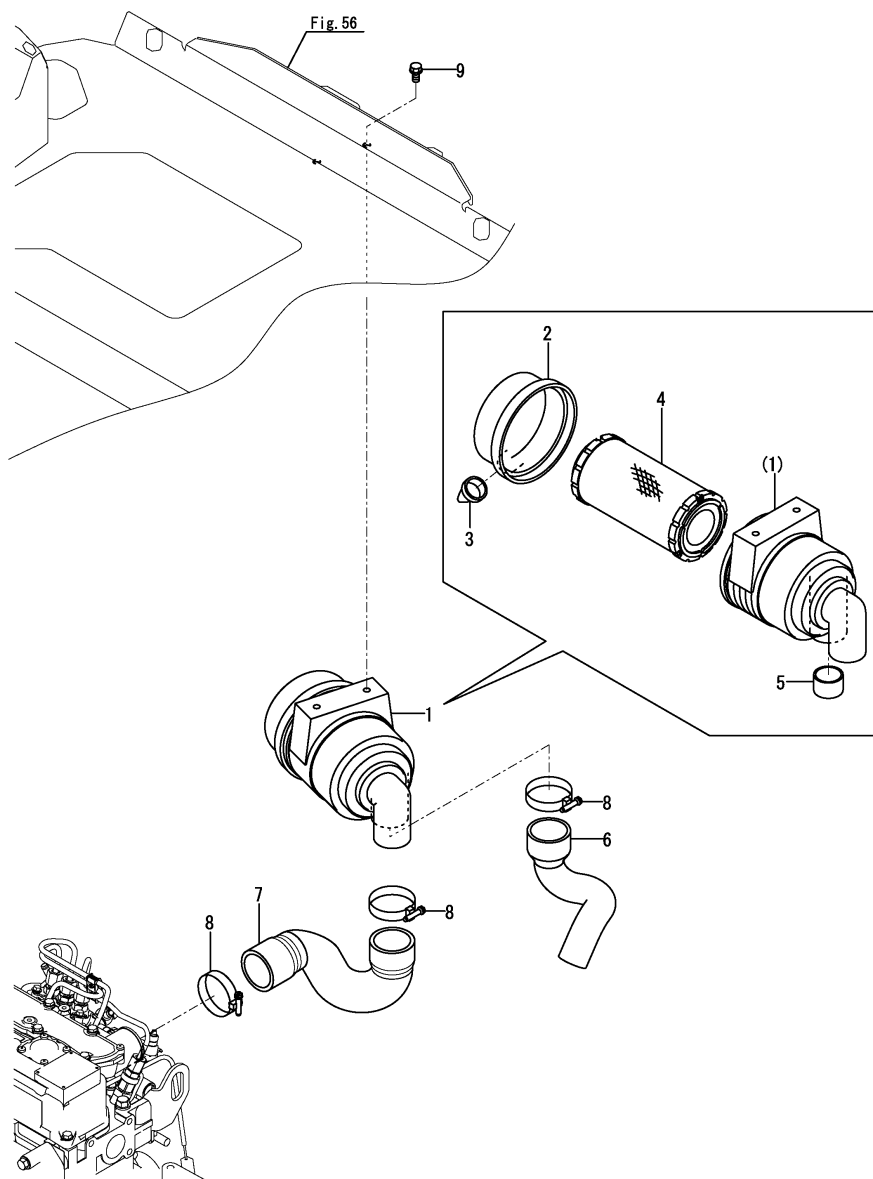
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08240	LABEL SET,2P KR HD		1						
2	2	172183-03280	LABEL, LOCK		2						
3	2	172490-03200	LABEL, OPERATION		1						
4	2	172437-03242	LABEL,ADJUST CRAWLER		1						
5	2	172C02-03610	LABEL,OIL&WATER EXHD		1						
6	2	172499-03270	LABEL, TOPS		1						
7	2	172472-03141	LABEL, SUPPORT		1						
8	2	172519-03150	LABEL, ACCELERATOR		1						
9	2	172A64-03180	LABEL, W/S OPERATION		1						
10	2	172A38-03211	LABEL, ANTI-FREEZING		1						
11	2	172496-03250	LABEL, PTO		1						
12	2	172463-03290	LABEL, OILING US		1						
13	2	172437-03302	LABEL, MANUAL		1						
14	2	172437-03312	LABEL, SLOPE		1						
15	2	172437-03343	LABEL, TRANSPORT		1						
16	2	172437-03361	LABEL, BATTERY		1						
17	2	172437-03372	LABEL, NEUTRAL		1						
18	2	172437-03432	LABEL, STEERING		1						
19	2	172437-03451	LABEL, SEAT BELT		1						
20	2	172437-03471	LABEL, LEVER LOCK US		1						
21	2	172437-03501	LABEL, FUEL US		1						
22	2	172446-03652	LABEL, VARIABLE US		1						
23	2	172C02-04110	LABEL,GREASING EX		1						
24	2	172C02-03310	LABEL, FUSE BOX EX		1						
25	2	172B03-03220	LABEL, KEY SWITCH		1						
26	2	172C02-03230	LABEL,SPEC KR HD		1						
27	2	172458-03240	LABEL, LOCK		1						
28	1	172437-03252	TAG ASSY, CAUTION		1						

Fig.6. SILENCER



				(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=				(D)= (E)= (F)=			
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A64-11310	PIPE ASSY, INLET	1	1						
1-1	1	172A64-11311	PIPE ASSY, INLET	1	1					N	
		(A=M1B129)	(B=M1B129)								
3	2	172183-11400	HEAT INSULATOR	1	1					Z	
		(A=M1B129)	(B=M1B129)								
4	1	172A64-11330	SILENCER ASSY	1	1						
5	1	172A64-11340	CLAMP	1	1						
6	1	124701-11911	GASKET, SILENCER	1	1						
7	1	26013-080552	BOLT, M8X 55	1	1						
8	1	26013-100162	BOLT, M10X 16	3	3						
9	1	26051-080002	NUT, M8	4	4						
10	1	26366-080002	NUT, M8	1	1						

Fig.7. AIR CLEANER



* Safety element(optional) is shown in Fig.107.

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-11500	CLEANER ASSY, AIR	1	1						
2	2	119258-12530	COVER ASSY, CLEANER	1	1						
3	2	119808-12540	VALVE, UNLODER	1	1						
4	2	119655-12560	ELEMENT, AIR CLEANER	1	1						
5	2	105027-12580	RING, VALVE	1	1						
6	1	172A64-11520	HOSE, AIR CLEANER A	1	1						
7	1	172A64-11531	HOSE, AIR CLEANER B	1	1						
8	1	23000-060000	CLAMP, 60	3	3						
9	1	26013-080162	BOLT, M8X 16	2	2						

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-12100	BRACKET, WIRE	1	1						
2	1	172A64-12200	CABLE, ACCELERATOR	1	1						
3	1	172113-12522	PIN, CABLE	1	1						
4	1	1C6281-52310	PIN, SNAP 6	2	2						
4-1	1	1C6281-52310	PIN, SNAP 6	1	1						K
		(A=M10504)	(B=M10504)								
5	1	1A1040-56900	PIN, FLAT HEAD 6X17	1	1						
6	1	1A1686-57850	CLAMP, 80	1	1						
7	1	22137-060000	WASHER, 6	2	2						
8	1	22137-060000	WASHER, 6	1	1						
9	1	26013-080162	BOLT, M8X 16	2	2						
10	1	26013-080162	BOLT, M8X 16	1	1						
11	1	26116-080304	BOLT, M8X 30 PLATED	1	1						
12	1	26716-080002	NUT, M8	1	1						
13	1	22417-200160	PIN, COTTER 2.0X16	1	1						W
		(A=M10504)	(B=M10504)								

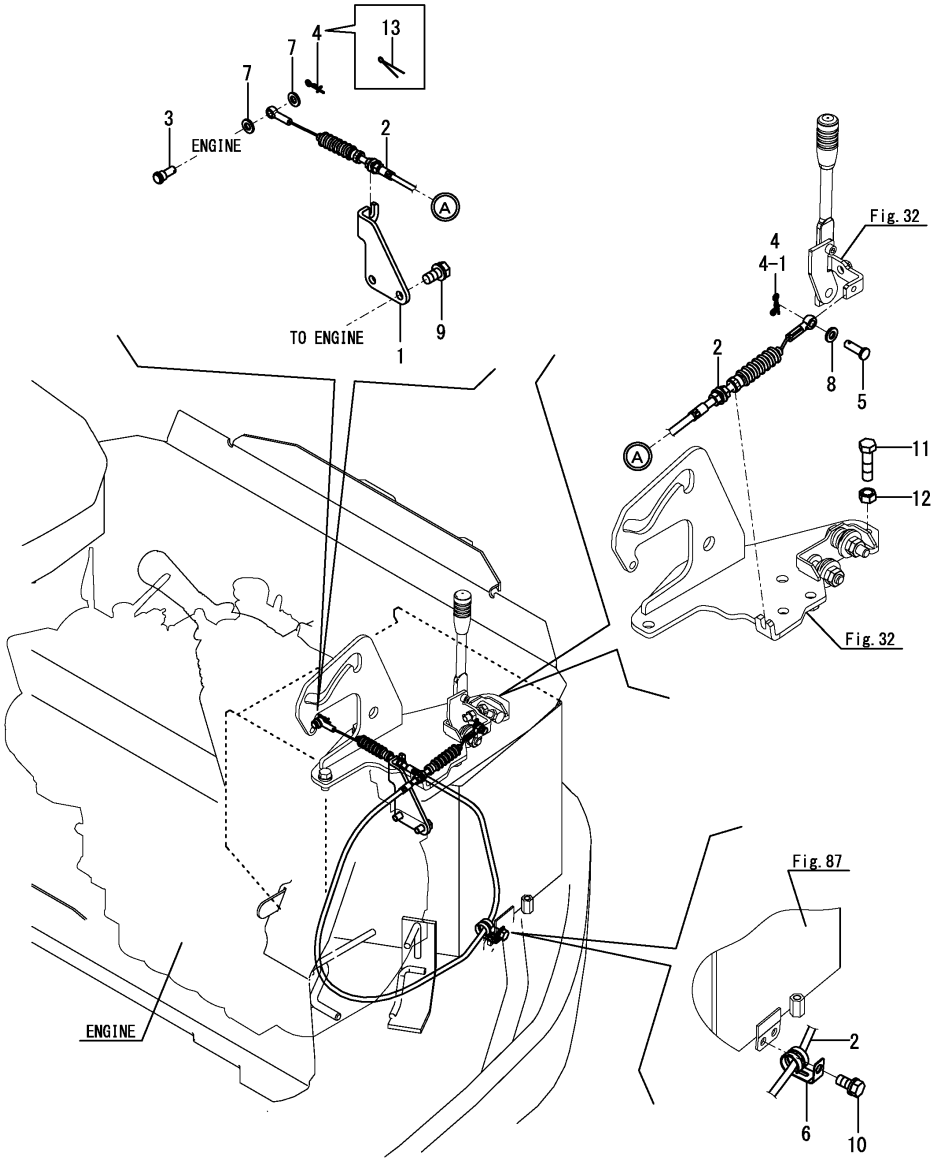
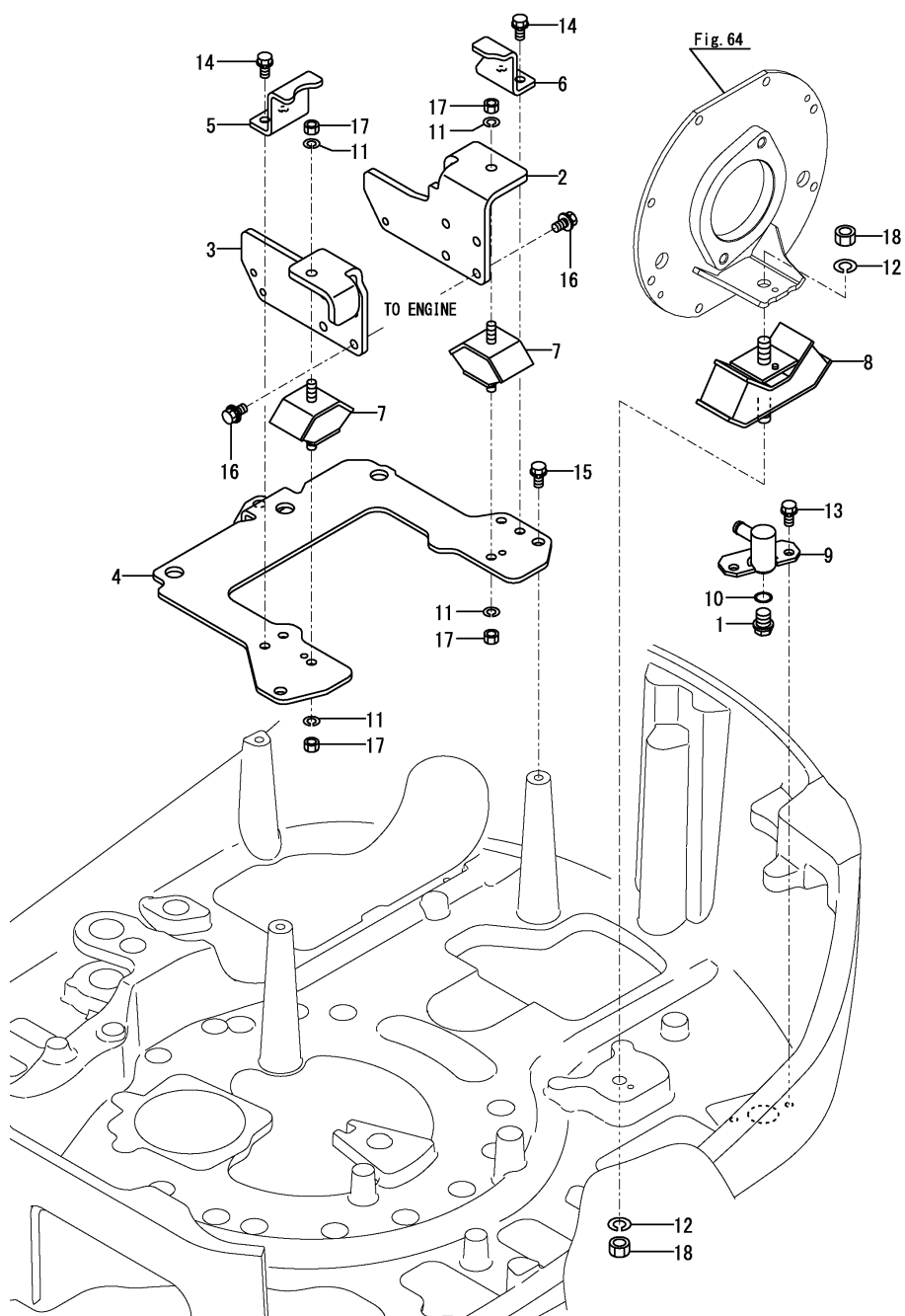


Fig.9. ENGINE MOUNT



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

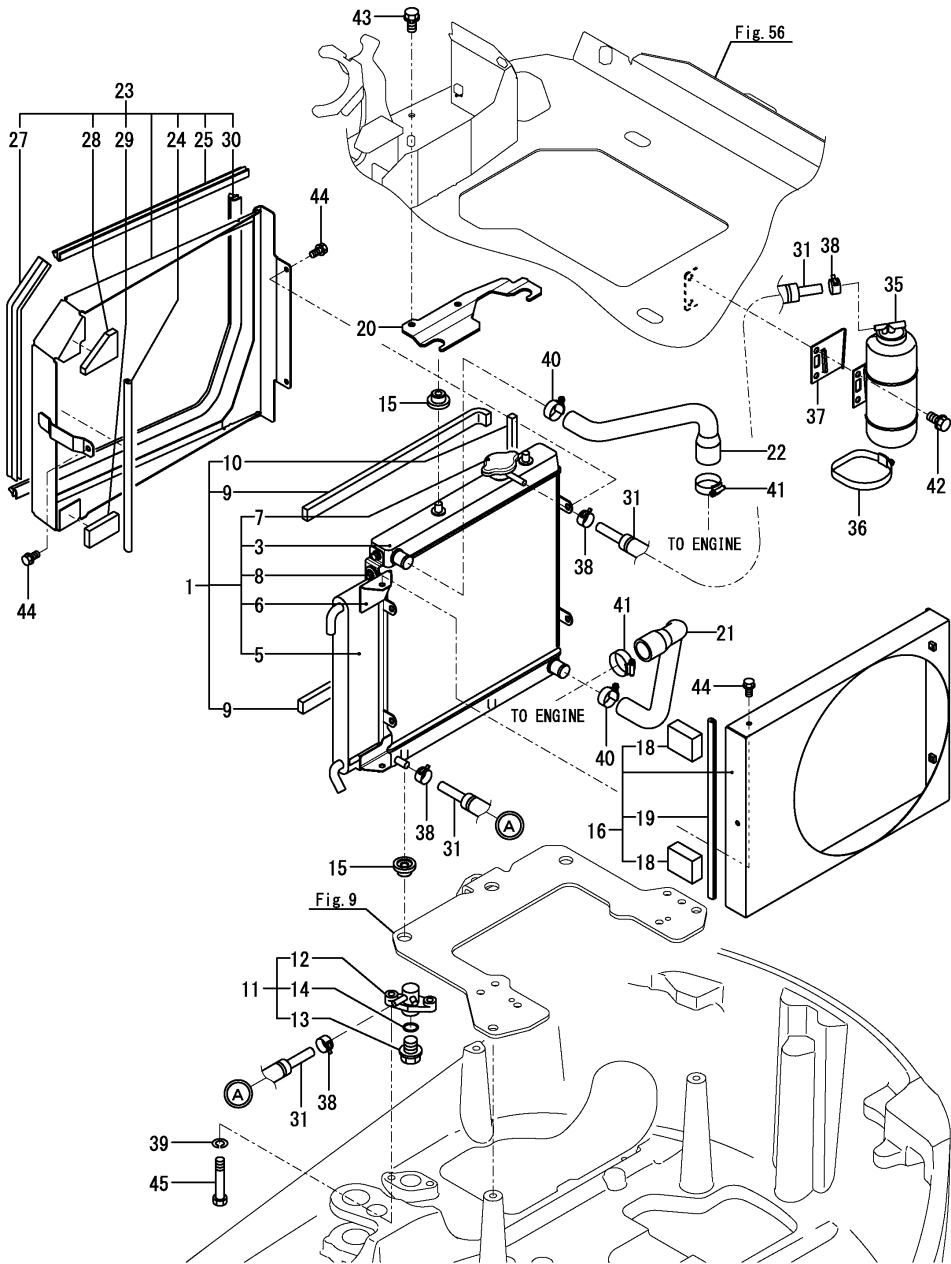
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	105425-01690	PLUG, DRAIN M16	1	1						
2	1	172A64-13100	MOUNT, ENGINE FL	1	1						
3	1	172A64-13110	MOUNT, ENGINE FR	1	1						
4	1	172C02-13120	BASE ASSY, MOUNT	1	1						
5	1	172A64-13150	STOPPER, F	1	1						
6	1	172A64-13160	STOPPER, R	1	1						
7	1	172179-13211	RUBBER, ABSORBER	2	2						
8	1	172447-13260	RUBBER, ABSORBER 290K	1	1						
9	1	172A55-13700	BLOCK ASSY, DRAIN	1	1						
10	1	22190-160002	WASHER, SEAL 16	1	1						
11	1	22217-100000	WASHER, SPRING 10	4	4						
12	1	22217-140000	WASHER, SPRING 14	2	2						
13	1	26013-100202	BOLT, M10X 20	2	2						
14	1	26013-100252	BOLT, M10X 25	4	4						
15	1	26013-120302	BOLT, M12X 30	3	3						
16	1	26014-100252	BOLT, M10X 25	8	8						
17	1	26716-100002	NUT, M10	4	4						
18	1	26736-140002	NUT, M14	2	2						

Fig.10. RADIATOR & MOUNT

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-13190	RADIATOR ASSY, OIL	1	1						
3	3	172A64-13210	RADIATOR ASSY	1	1						
5	3	172C02-13220	COOLER ASSY, OIL	1	1						
6	3	172A64-13230	SUPPORT ASSY	1	1						
7	3	172446-13450	CAP, PRESSURE	1	1						
8	3	26014-060122	BOLT, M6X 12	5	5						
9	2	172A64-13310	SEAL, A	2	2						
10	2	172A64-13320	SEAL, B	1	1						
11	1	172444-13210	COCK ASSY, 2WAY	1	1						
12	2	172444-13220	BODY	1	1						
13	2	121250-49121	PLUG, DRAIN M16	1	1						
14	2	24311-000160	O-RING, 1AP16.0	1	1						
15	1	172446-13330	RUBBER, ABSORBER	4	4						
16	1	172C02-13360	SHROUD ASSY, OC	1	1						
18	2	172C02-13390	SEAL, 20X40X50	2	2						
19	2	172456-13480	RUBBER, EDGE 315	1	1						
20	1	172C02-13400	BRACKET ASSY, UP	1	1						
21	1	172C02-13510	HOSE, CW-T A	1	1						
22	1	172C02-13520	HOSE, CW-T B	1	1						
23	1	172C02-13700	DUCT ASSY, OC	1	1						
24	2	172638-06710	RUBBER, CUSHION 300	1	1						
25	2	172A64-13680	SEAL, C	1	1						
27	2	172A64-13760	SEAL, A	1	1						
28	2	172C02-13770	SEAL, OC B	1	1						
29	2	172C02-13780	SEAL, OC C	1	1						
30	2	172A64-13790	SEAL, D	1	1						
31	1	172186-13810	HOSE ASSY, 500	2	2						
35	1	119813-44510	TANK ASSY, SUB	1	1						
36	1	124450-44550	BAND, SUB TANK	1	1						
37	1	121256-44600-3	BRACKET, SUB TANK	1	1						
38	1	124766-59050	CLAMP, HOSE 11.5	4	4						
39	1	22217-080000	WASHER, SPRING 8	2	2						
40	1	23001-025000	CLAMP, HOSE 25	2	2						
41	1	23001-041000	CLAMP, HOSE 41	2	2						
42	1	26013-080122	BOLT, M8X 12	2	2						
43	1	26013-080162	BOLT, M8X 16	2	2						
44	1	26014-060122	BOLT, M6X 12	5	5						
45	1	26116-080452	BOLT, M8X 45 PLATED	2	2						

Fig.11. FUEL TANK

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08370	TANK KIT, FUEL	1	1						
2	2	172A64-14111	TANK ASSY, FUEL	1	1						
3	3	194151-04141	STRAINER, FUEL TANK	1	1						
4	3	194151-04150	GASKET, STRAINER	1	1						
5	3	194250-04301	CAP ASSY, FUEL TANK	1	1						
7	4	194250-04321	VALVE, VENT	1	1						
9	3	172A29-62900	PLATE, RUBBER A	3	3						
10	2	172456-14153	GAUGE ASSY, FUEL OIL	1	1						
11	2	172162-14200	GASKET	1	1						
12	2	26022-050122	SCREW, M5X12	5	5						
13	1	172A64-14200	CLAMP ASSY, FUEL	1	1						
15	2	172A64-14230	PLATE, RUBBER	1	1						
16	1	172458-14370	SUMP, FUEL	1	1						
17	1	172C02-14400	MOUNT ASSY, FO TANK	1	1						
18	2	172446-14250	PLATE, RUBBER C	1	1						
20	1	172455-14470	HOSE, 9.5X600	1	1						
21	1	172B04-15960	HOSE, FO 260	1	1						
22	1	106990-44660	CLAMP, HOSE 12.5	2	2						
23	1	22487-080160	PIN, H 8X 16	1	1						
24	1	23080-013000	CLAMP, 13	1	1						
25	1	26013-100202	BOLT, M10X 20	3	3						
26	1	26367-100002	NUT, M10	2	2						

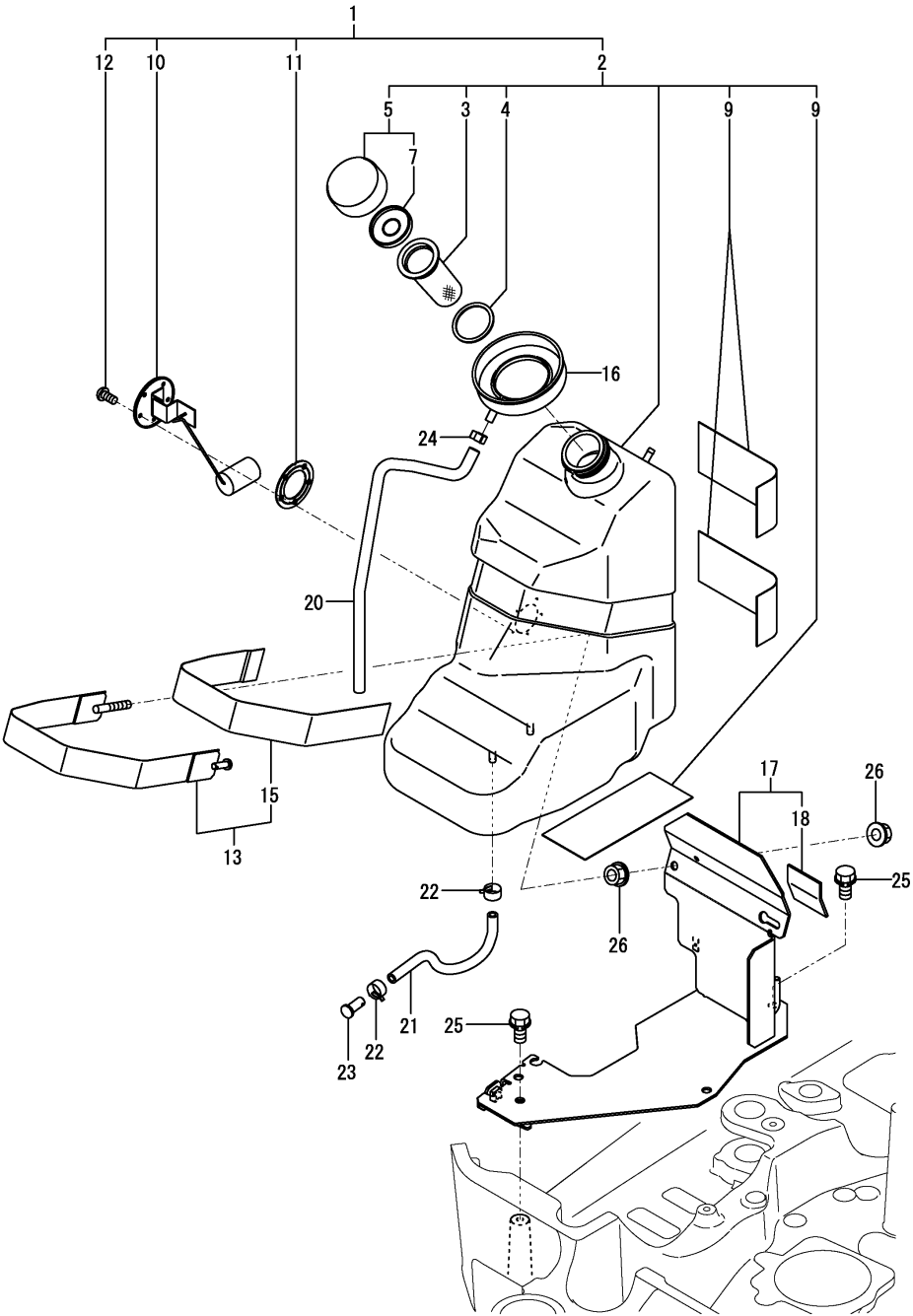
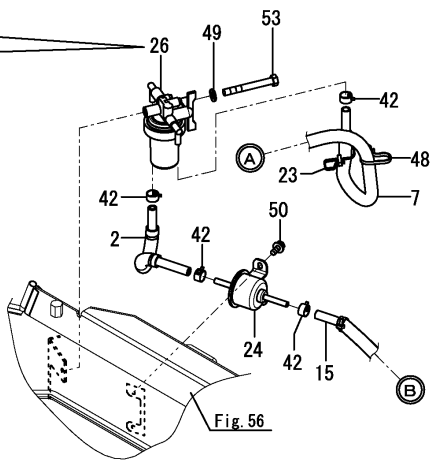
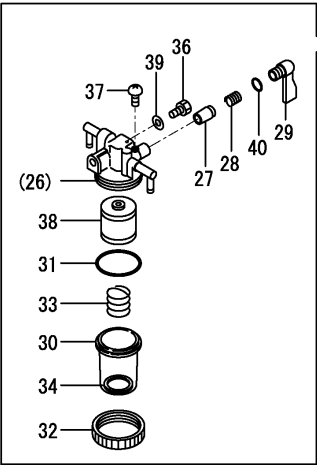
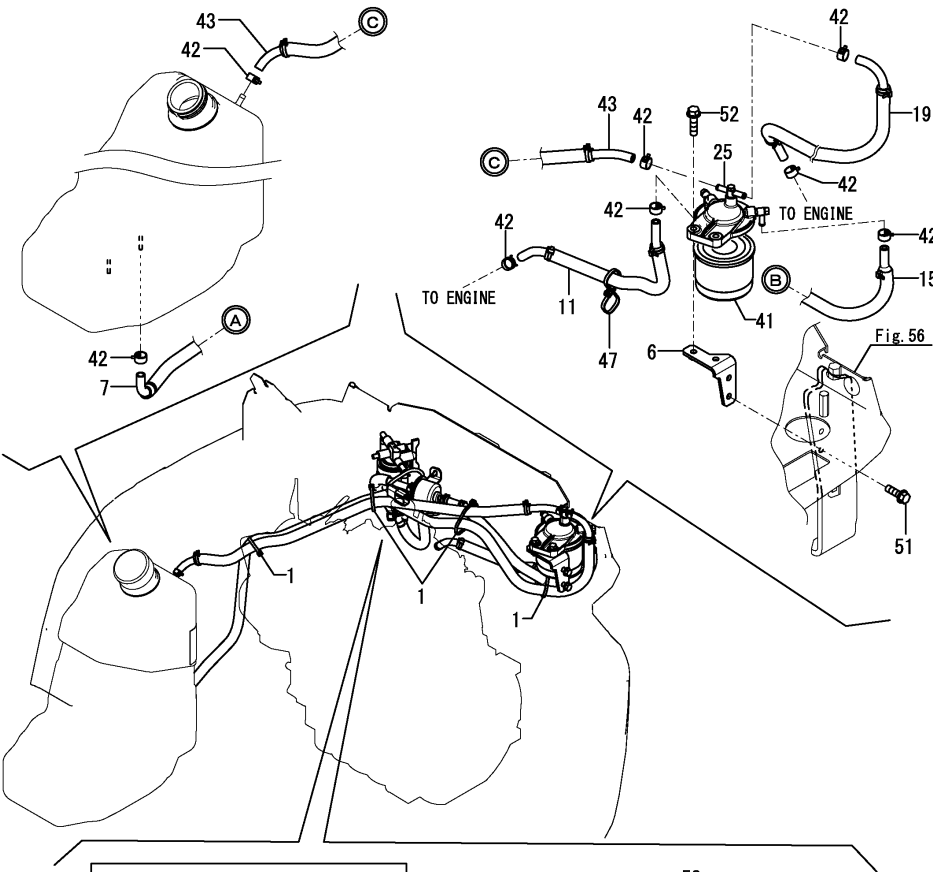


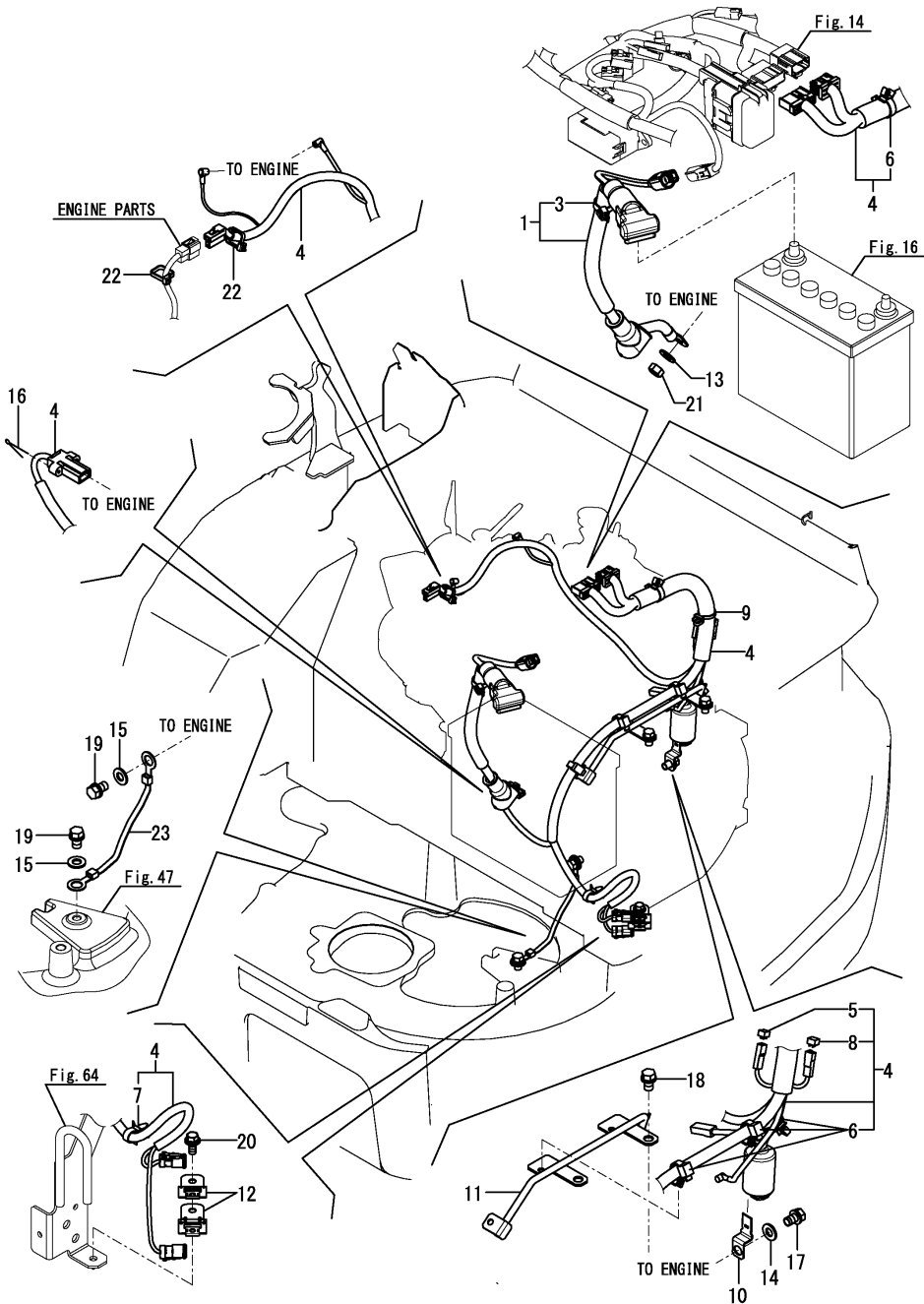
Fig.12. FUEL PIPE

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



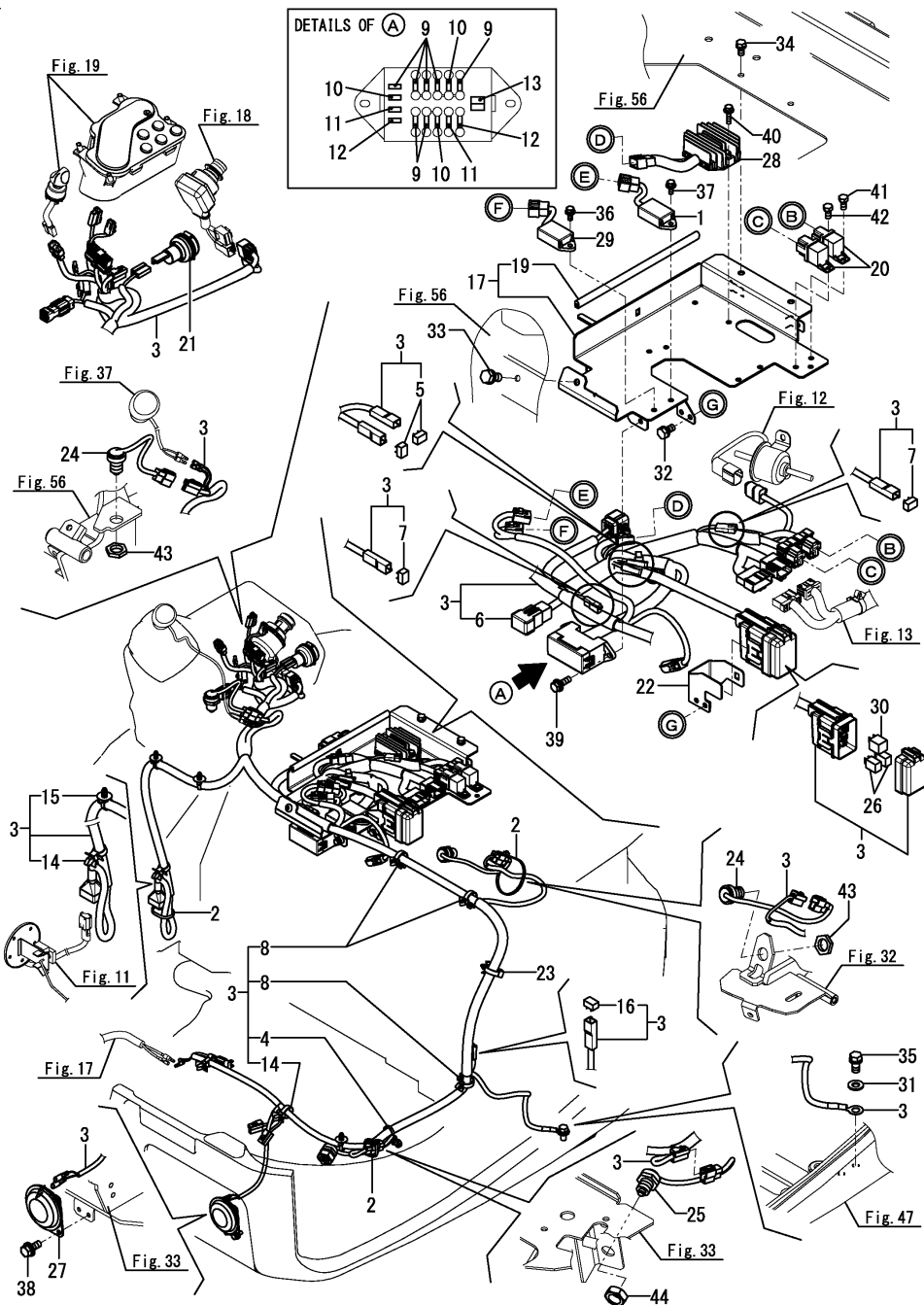
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	4	4						
2	1	172A64-14250	HOSE ASSY, FUEL 260	1	1						
6	1	172C02-14380	STAY ASSY, FO FILTER	1	1						
7	1	172456-14610	HOSE ASSY, FUEL 1470	1	1						
11	1	172448-14670	HOSE ASSY, FUEL 400	1	1						
15	1	172C02-14700	HOSE ASSY, FO 480	1	1						
19	1	172C02-14730	HOSE ASSY, FO 780	1	1						
23	1	172137-16560	BAND, BINDING W	1	1						
24	1	129612-52100	PUMP, FUEL FEED	1	1						
25	1	119934-55611	BRACKET, FILTER	1	1						
26	1	129335-55701	SEPARATOR ASSY, WATER	1	1						
27	2	104200-55321	VALVE, TAPER	1	1						
28	2	104200-55330	SPRING, FUEL VALVE	1	1						
29	2	104200-55341	HANDLE, COCK	1	1						
30	2	124064-55510	CUP, FUEL STARINER	1	1						
31	2	102103-55520	O-RING, FILTER	1	1						
32	2	110250-55610	RING, CUP RETAINING	1	1						
33	2	121257-55720	SPRING, ELEMENT	1	1						
34	2	121257-55731	FLOAT	1	1						
36	2	101720-55750	PLUG, HEXAGON M6	2	2						
37	2	104200-55750	SCREW, M4	1	1						
38	2	171081-55910	FILTER, FUEL 100M	1	1						
39	2	23418-060000	GASKET, 6X1.0	2	2						
40	2	24311-240100	O-RING, 1AP10A	1	1						
41	1	119802-55810	FILTER, FUEL	1	1						
42	1	124766-59050	CLAMP, HOSE 11.5	12	12						
43	1	184015-59250	HOSE ASSY, FUEL 850	1	1						
47	1	172187-78580	BAND, BINDING W 397	1	1						
48	1	1E8915-84120	CLAMP, BAND C	1	1						
49	1	22217-080000	WASHER, SPRING 8	1	1						
50	1	26014-060162	BOLT, M6X 16	2	2						
51	1	26106-080252	BOLT, M8X 25 PLATED	2	2						
52	1	26106-080302	BOLT, M8X 30 PLATED	2	2						
53	1	26116-080652	BOLT, M8X 65 PLATED	1	1						



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-16100	CABLE ASSY,BATTERY +	1	1						
3	2	194680-51670	BAND, CLIP	1	1						
4	1	172C02-16500	HARNESS ASSY, A	1	1						
5	2	172648-16600	DIODE, 1.5-2P	1	1						
6	2	194680-51670	BAND, CLIP	5	5						
7	2	1E8775-84120	CLAMP, BAND B	1	1						
8	2	1E8235-84910	DIODE, 090 31	1	1						
9	1	172137-16560	BAND, BINDING W	1	1						
10	1	172460-16700	STAY, A	1	1						
11	1	172C02-16700	GUIDE ASSY, HARNESS	1	1						
12	1	1A7347-51200	CLIP, METAL DTM	2	2						
13	1	22137-080000	WASHER, 8	1	1						
14	1	22137-100000	WASHER, 10	1	1						
15	1	22137-100000	WASHER, 10	2	2						
16	1	22417-200250	PIN, COTTER 2.0X25	1	1						
17	1	26013-100162	BOLT, M10X 16	1	1						
18	1	26013-100162	BOLT, M10X 16	2	2						
19	1	26013-100162	BOLT, M10X 16	2	2						
20	1	26014-080202	BOLT, M8X 20	1	1						
21	1	26716-080002	NUT, M8	1	1						
22	1	933168-55770	BAND, BINDING 146	2	2						
23	1	933171-15801	CORD, ENGINE EARTH	1	1						



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1E8665-05100	TIMER, 3SEC	1	1						
2	1	172126-11510	BAND, BINDING 300	3	3						
3	1	172C02-16520	HARNESS ASSY, B	1	1						
4	2	172137-16560	BAND, BINDING W	1	1						
5	2	172648-16600	DIODE, 1.5-2P	2	2						
6	2	172447-17150	FUSE, SLOW BLOW 40A	1	1						
7	2	1A7500-51140	DIODE, 1.5AX2	2	2						
8	2	194680-51670	BAND, CLIP	5	5						
9	2	1E8665-83150	FUSE, MINI 5A	7	7						
10	2	1E8665-83160	FUSE, MINI 10A	3	3						
11	2	1E8665-83170	FUSE, MINI 15A	2	2						
12	2	1E8665-83180	FUSE, MINI 20A	2	2						
13	2	1E9570-83900	PULLER, MINI FUSE	1	1						
14	2	1E8775-84120	CLAMP, BAND B	3	3						
15	2	1E8915-84120	CLAMP, BAND C	3	3						
16	2	1E8235-84910	DIODE, 090 31	1	1						
17	1	172C02-17100	BRACKET ASSY, ELC	1	1						
19	2	172147-62290	SEAL, STEP A	1	1						
20	1	172B16-17190	RELAY, CB TYPE C	2	2						
21	1	172A64-17250	SOCKET ASSY	1	1						
22	1	172C02-17300	STAY ASSY, RELAY 4	1	1						
23	1	194680-51670	BAND, CLIP	1	1						
24	1	194464-52190	SWITCH, SAFETY START	2	2						
25	1	194464-52190	SWITCH, SAFETY START	1	1						
26	1	1A7522-52950	RELAY, ACM13221M19	2	2						
27	1	194151-57100	HORN	1	1						
28	1	119653-77711	LIMITER, CURRENT 20A	1	1						
29	1	129211-77920	TIMER, SECTION 1	1	1						
30	1	129927-77920	RELAY, ISO 70A	1	1						
31	1	22137-100000	WASHER, 10	1	1						
32	1	26013-060122	BOLT, M6X 12	2	2						
33	1	26013-080162	BOLT, M8X 16	1	1						
33-1	1	172958-83320	BOLT, BUTTON M8X12	1	1						N
(A=M15037)											
34	1	26013-080162	BOLT, M8X 16	2	2						
35	1	26013-100202	BOLT, M10X 20	1	1						
36	1	26014-060162	BOLT, M6X 16	1	1						
37	1	26014-060162	BOLT, M6X 16	1	1						
38	1	26014-060162	BOLT, M6X 16	2	2						
39	1	26014-060202	BOLT, M6X 20	2	2						
40	1	26014-060252	BOLT, M6X 25	2	2						
41	1	26116-050102	BOLT, M5X 10 PLATED	1	1						
42	1	26116-050102	BOLT, M5X 10 PLATED	1	1						
43	1	26776-180002	NUT, LOCK M18	2	2						
44	1	26776-180002	NUT, LOCK M18	1	1						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-16130	CABLE ASSY, BATT MNS	1	1						
2	2	194680-51670	BAND, CLIP	1	1						
3	1	172137-16560	BAND, BINDING W	2	2						
4	1	22137-100000	WASHER, 10	1	1						
5	1	26013-100202	BOLT, M10X 20	1	1						

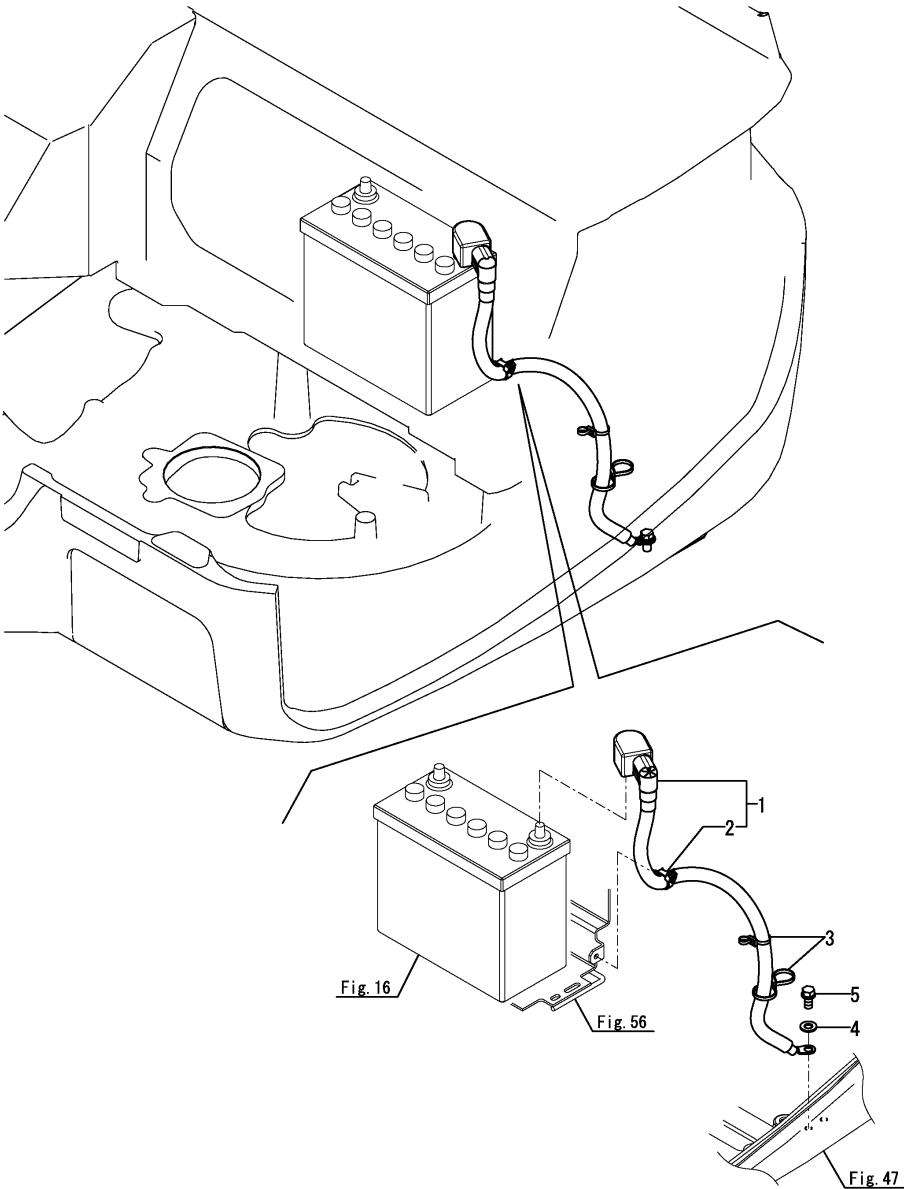
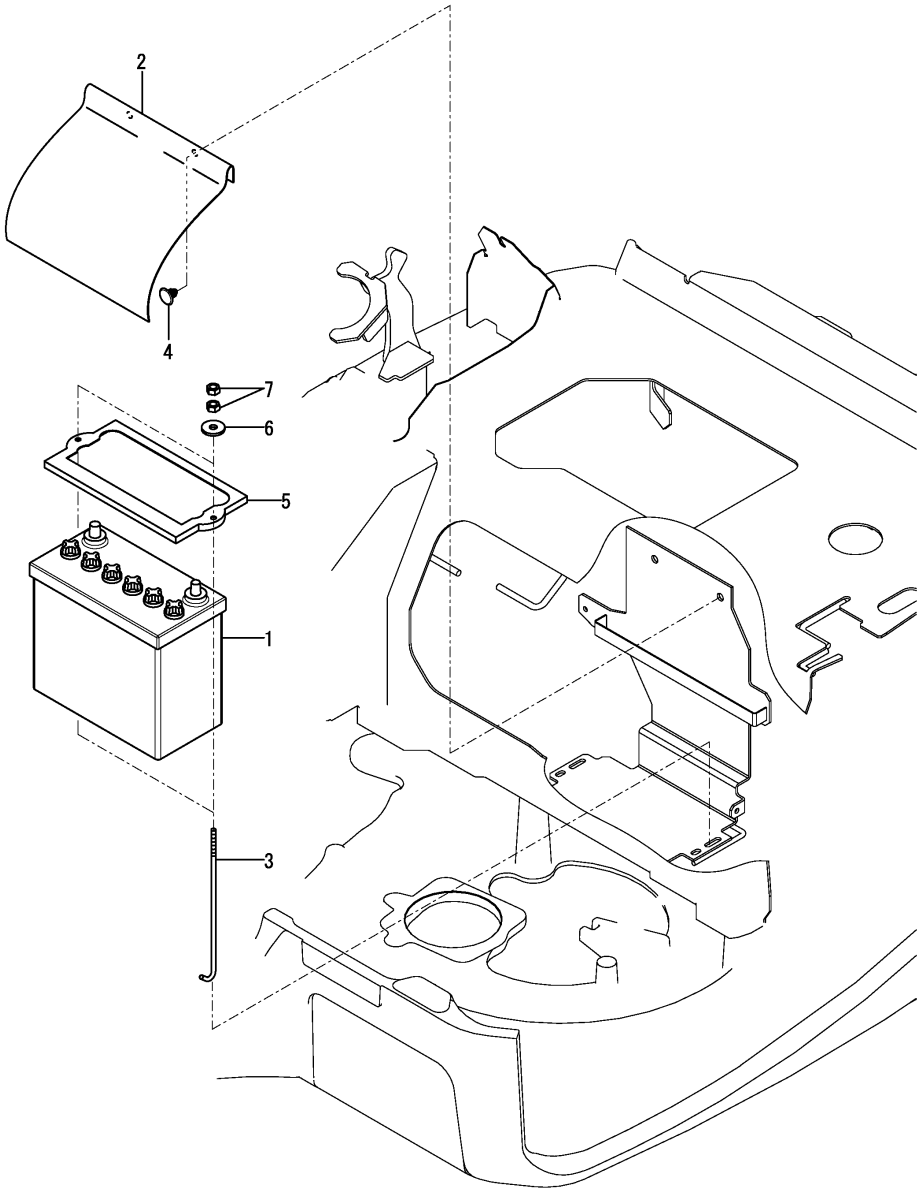


Fig.16. BATTERY

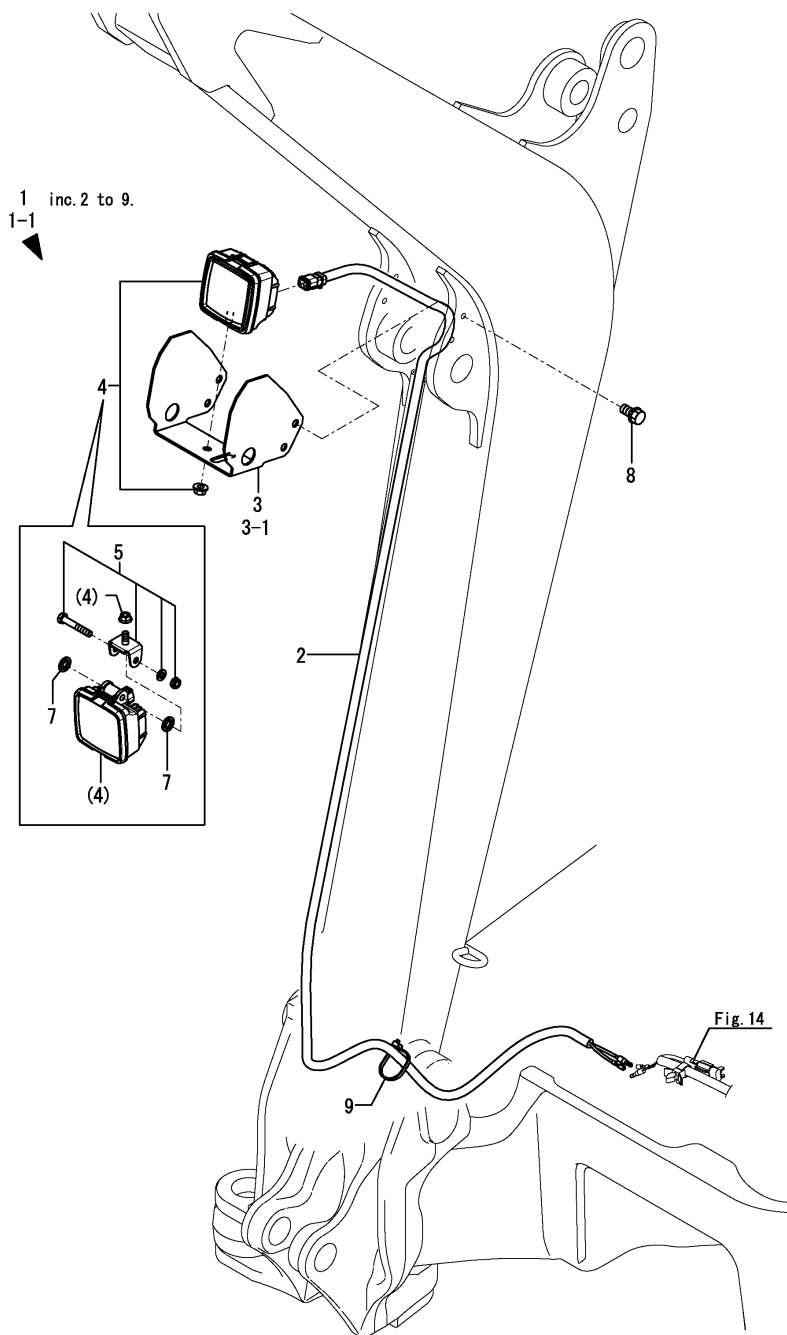


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-16110	BATTERY	1	1						
1-1	1	172458-16111	BATTERY,65B24L	1	1						N
(A=M18720) (B=M18718)											
2	1	172C02-16150	COVER,BATTERY	1	1						
3	1	172725-16160	ROD, BATTERY CLAMP	2	2						
4	1	172122-17190	CLIP, TREE	2	2						
5	1	194940-64750	CLAMP, BATTERY	1	1						
5-1	1	194940-64751	CLAMP, BATTERY	1	1						R
(A=*2025.10) (B=*2025.10)											
6	1	22157-060000	WASHER, 6	2	2						
7	1	26716-060002	NUT, M6	4	4						

Fig.17. WORK LAMP

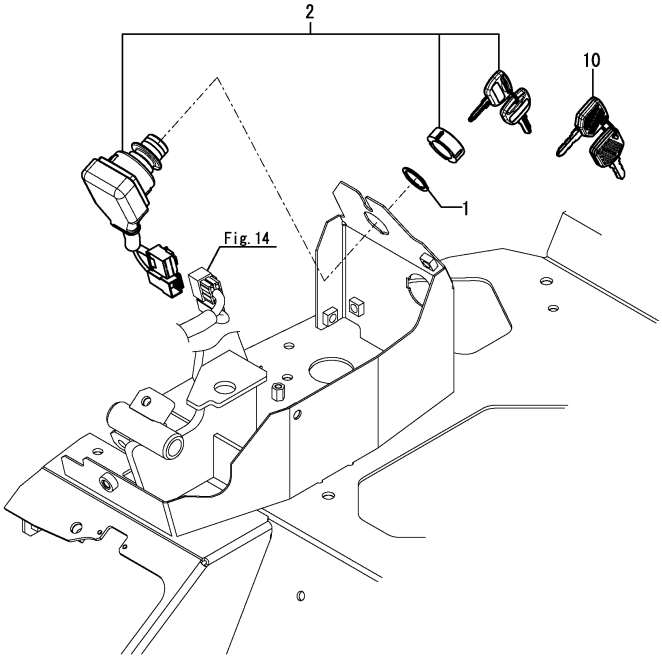


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-07910-Y	LAMP KIT,WORK LED	1	1						
1-1	1	172A64-07910-1	LAMP KIT,WORK LED	1	1						S
		(A=M11633)	(B=M11633)								
2	2	172A64-16650	HARNESS,BOOM LED	1	1						
3	2	172A64-17230	BRACKET,W-LAMP LED	1	1						
3-1	2	172A64-17230-1	BRACKET,W-LAMP LED	1	1						S
		(A=M11633)	(B=M11633)								
4	2	172B57-17351	LAMP ASSY,WORK LED	1	1						
5	3	172B57-17360	BRACKET,LED LAMP	1	1						
7	3	172B57-17370	SPACER,LED LAMP	2	2						
8	2	26014-080162	BOLT, M8X 16	4	4						
9	2	933168-55770	BAND, BINDING 146	2	2						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

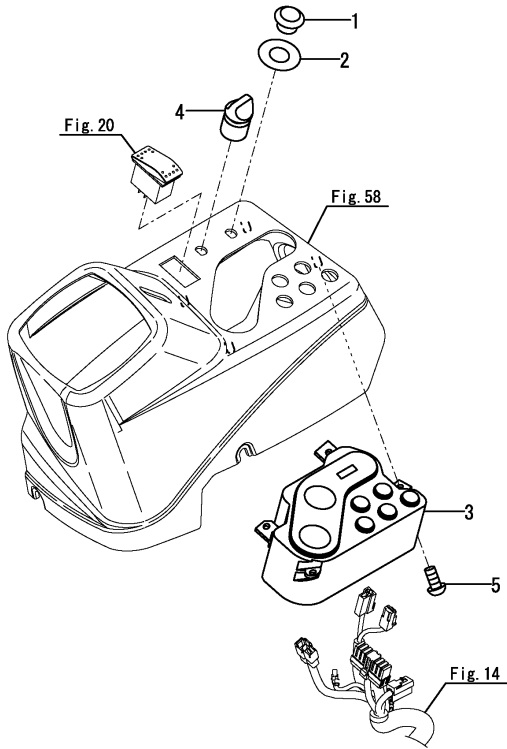
(D)=
(E)=
(F)=

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



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

Fig.19. AROUND THE INSTRUMENT PANEL

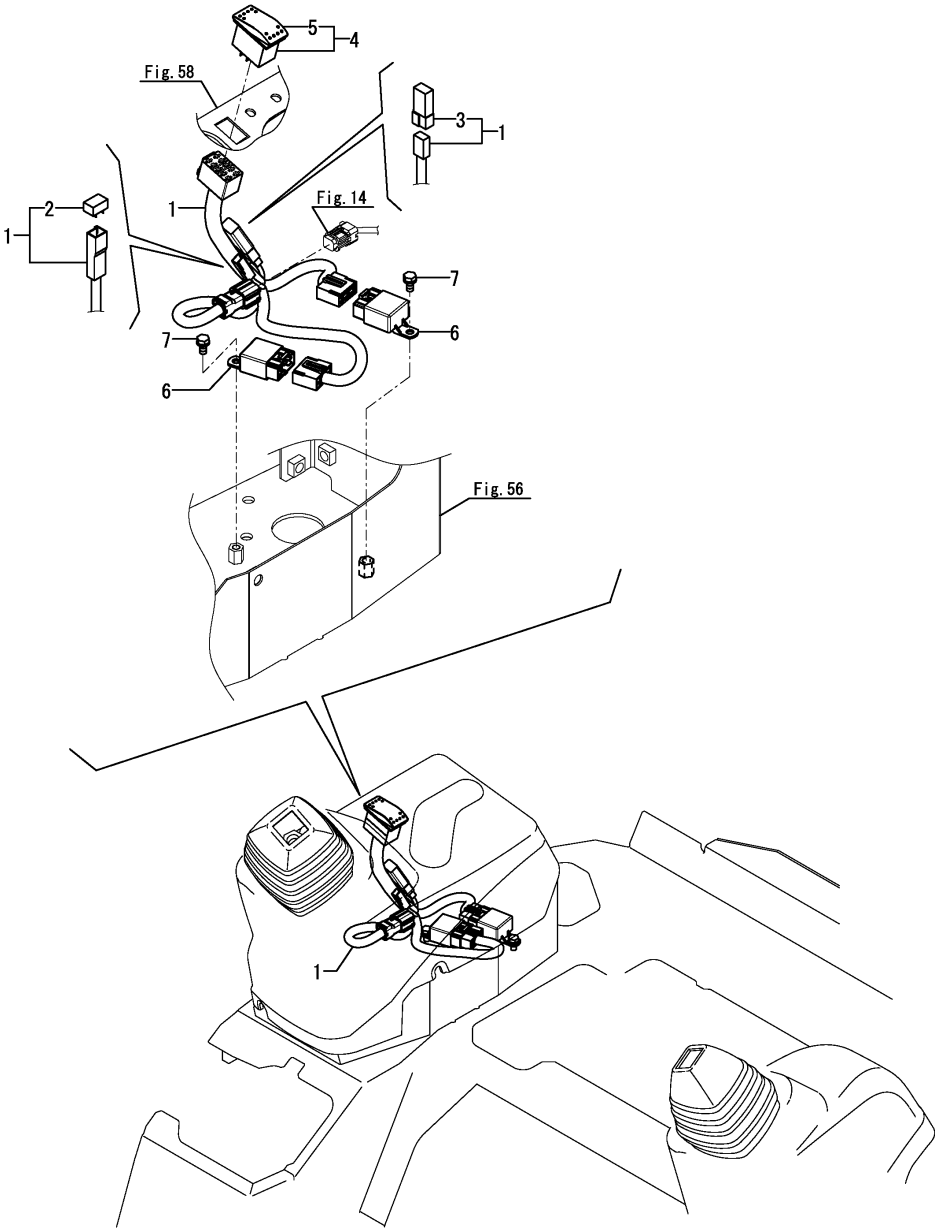


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17560	CAP, STEERING WHEEL	1	1						
2	1	172187-17570	GASKET	1	1						
3	1	172A77-17250	MONITOR ASSY	1	1						
3-1	1	172A77-17251 (A=M19751) (B=M19730)	MONITOR ASSY	1	1						N
4	1	172187-17760	SWITCH ASSY, LAMP D	1	1						
4-1	1	172187-17761 (A=M19294) (B=M19286)	SWITCH ASSY, LAMP D	1	1						R
4-2	1	172187-17762 (A=M19623) (B=M19609)	SWITCH ASSY, LAMP D	1	1						N
5	1	22857-500121	SCREW 5X12	4	4						

Fig.20. TRAVEL ALARM(SWITCH)(INSTRUMENT PANEL)



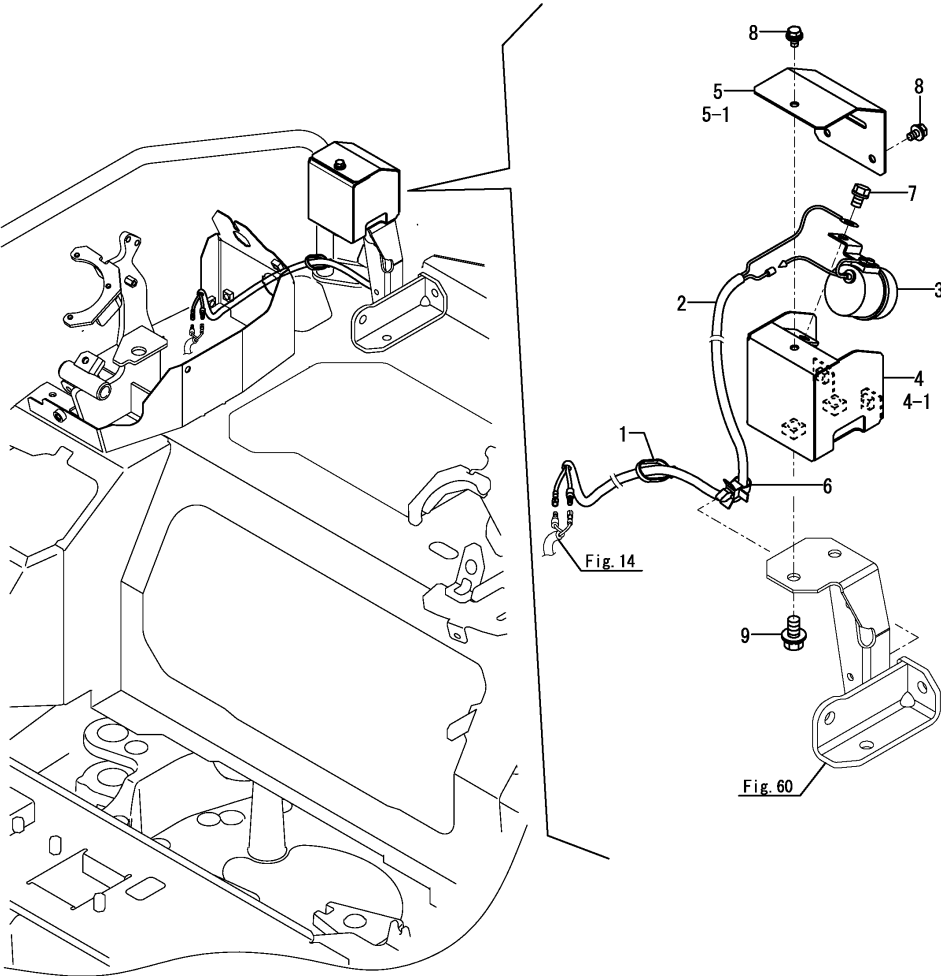
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-16560	HARNESS ASSY, TRAVEL	1	1						
2	2	172648-16600	DIODE, 1.5-2P	1	1						
3	2	1A6382-51510	RESISTANCE, 2W R120	1	1						
4	1	172B71-17350	SWITCH,TRAVEL ALARM	1	1						
5	2	172B71-17360	COVER,SWITCH TRAVEL	1	1						
6	1	119247-77100	RELAY, POWER SN2213	2	2						
7	1	26013-060122	BOLT, M6X 12	2	2						
7-1	1	26014-060122	BOLT, M6X 12	2	2						R
		(A=M11137) (B=M11137)									

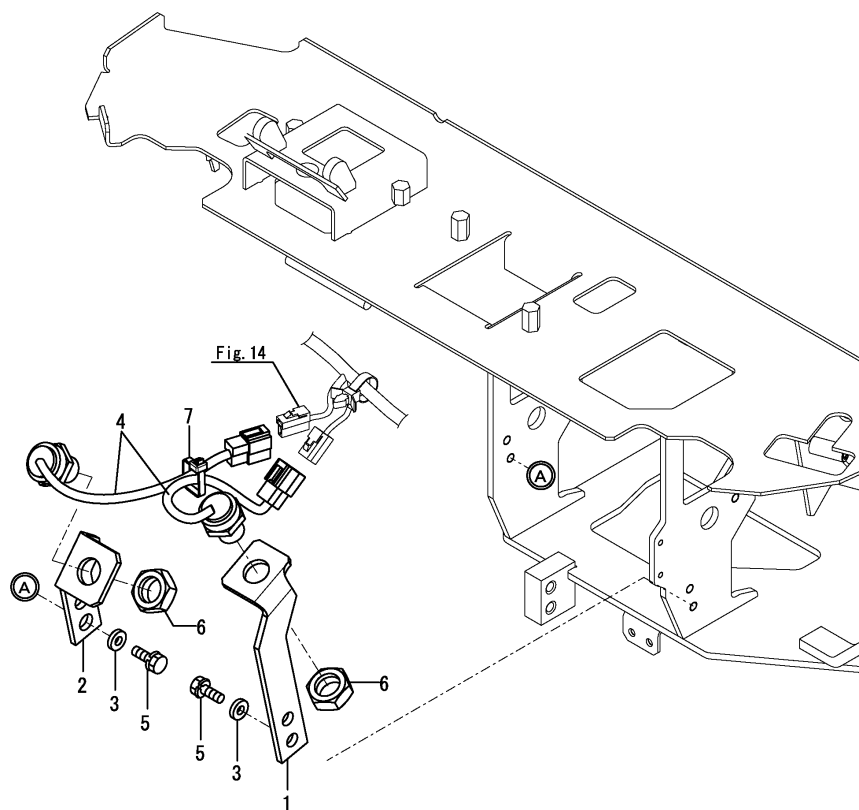
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

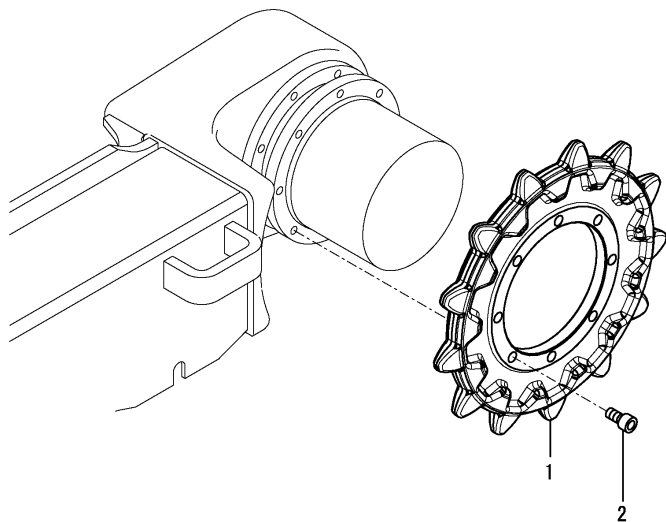


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1	1						
2	1	172448-16600	HARNESS ASSY, D	1	1						
3	1	172511-17351	BUZZER, BACK	1	1						
4	1	172472-17401-Y	ALARM CASE ASSY	1	1						
4-1	1	172472-17401-3	CASE ASSY, ALARM	1	1						S
(A=M11633) (B=M11633)											
5	1	172472-17470-Y	COVER, ALARM CASE	1	1						
5-1	1	172472-17470-3	COVER, ALARM CASE	1	1						S
(A=M11633) (B=M11633)											
6	1	1E8775-84120	CLAMP, BAND B	1	1						
7	1	26013-080122	BOLT, M8X 12	1	1						
8	1	26014-060122	BOLT, M6X 12	3	3						
9	1	26014-100202	BOLT, M10X 20	2	2						

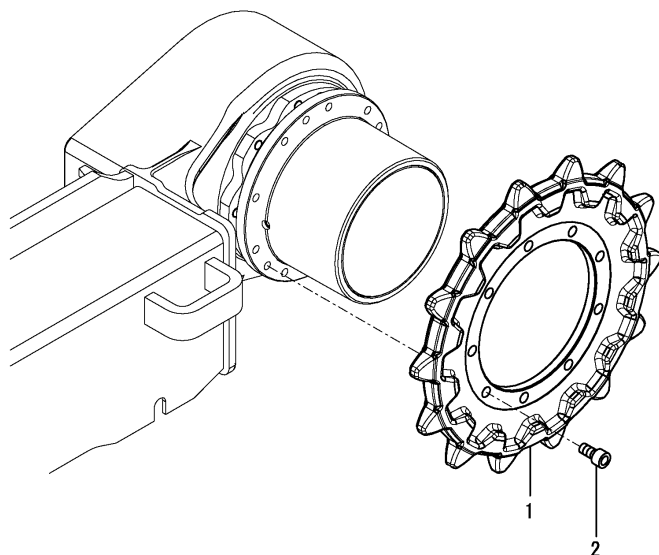
Fig.22. TRAVEL ALARM(SWITCH)(LEVER)



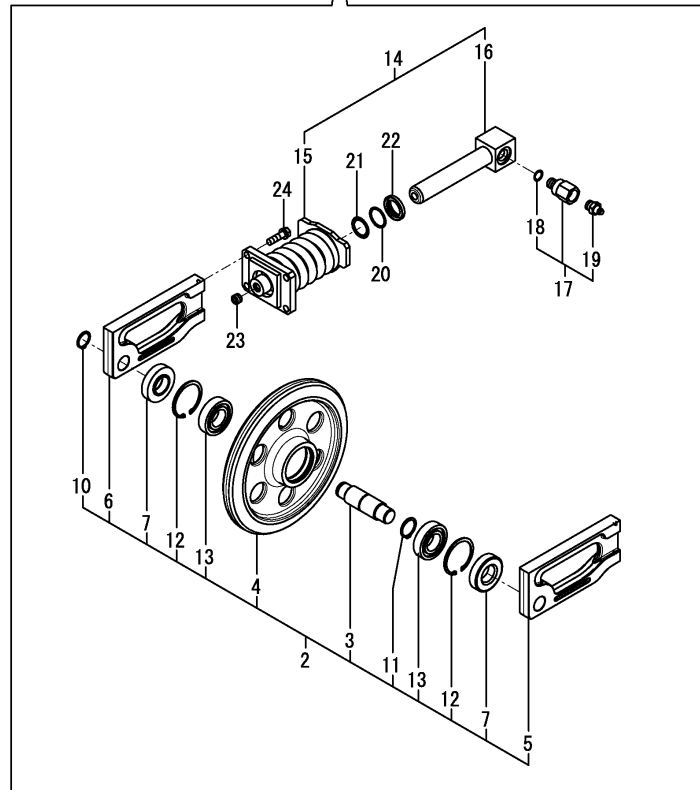
No.	Lev.	Parts No.	Description	(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-45310	STAY, L SSW	1	1						
2	1	172C02-45320	STAY, R SSW	1	1						
3	1	172157-45840	WASHER, 8X18X4	4	4						
4	1	194464-52190	SWITCH, SAFETY START	2	2						
5	1	26013-080202	BOLT, M8X 20	4	4						
6	1	26776-180002	NUT, LOCK M18	2	2						
7	1	933168-55770	BAND, BINDING 146	1	1						



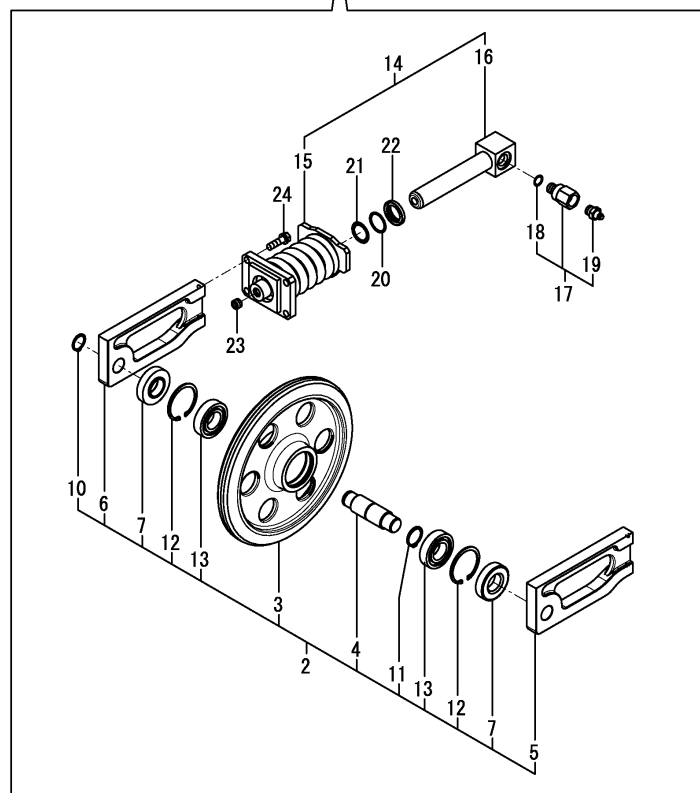
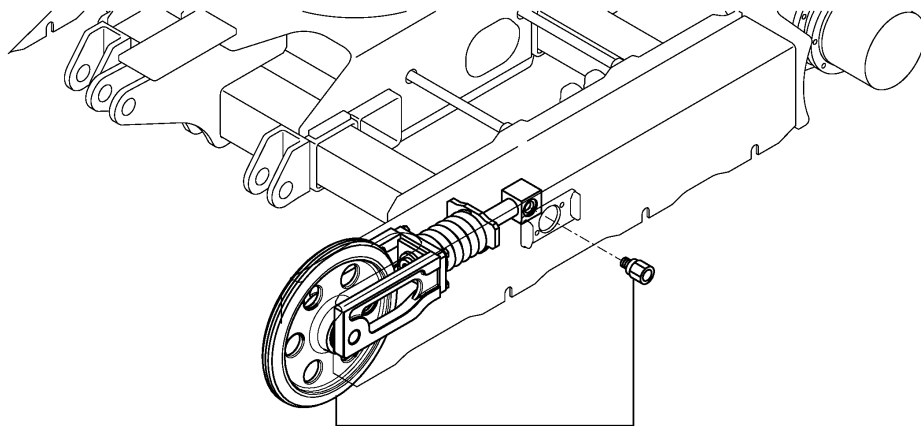
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-29100	SPROCKET, T13	2							
2	1	26450-100252	BOLT, M10X 25	16							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-29100-2	SPROCKET, T14		2						
2	1	26450-100252	BOLT, M10X 25		18						



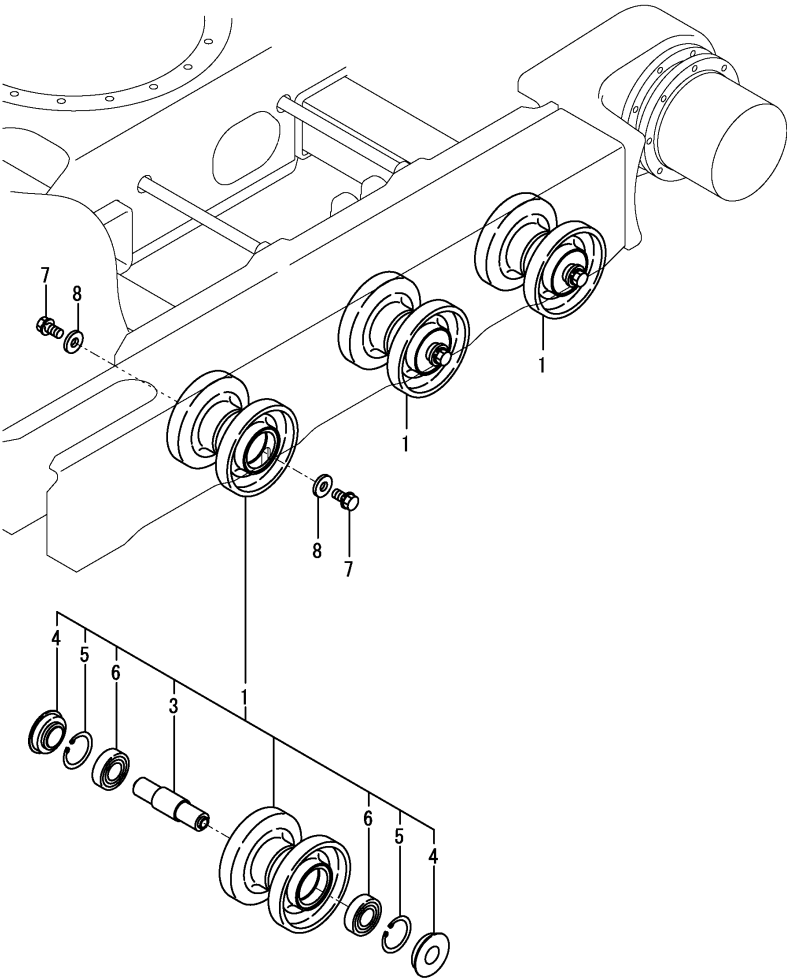
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-37010	IDLER ASSY, ADJUST R	2							
2	2	172A64-37020	IDLER ASSY	2							
3	3	172A64-37120	SHAFT, IDLER	2							
4	3	172A64-37150	IDLER, 270 FCD	2							
5	3	172A64-37720	FORK, IDLER L	2							
6	3	172A64-37730	FORK, IDLER R	2							
7	3	1A1060-48300	SEAL, QLN306213.2	4							
10	3	22242-000250	RING, 25	2							
11	3	22242-000300	RING, 30	2							
12	3	22252-000620	RING, 62	4							
13	3	24101-062064	BEARING, BALL 6206	4							
14	2	172C02-37700	ADJUSTER ASSY, CRAW	2							
15	3	172C02-37710	SPRING ASSY, CRAWLER	2							
16	3	172C02-37750	TUBE ASSY, ADJUST	2							
17	3	172B03-37840	VALVE ASSY, NIPPLE	2							
18	4	172B03-37850	SEAL, SQUARE	2							
19	4	24761-020000	NIPPLE, GREASE PT1/8	2							
20	3	172137-37850	RING, BACKUP P30	2							
21	3	24315-000300	O-RING, 1BP30.0	2							
22	3	933126-38600	SEAL, DUST DKB	2							
23	3	933171-13691	PLUG, PT1/8	2							
24	2	26013-100352	BOLT, M10X 35	8							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-37100	IDLER ASSY, ADJUST R		2						
2	2	172C02-37120	IDLER ASSY, RUBBER		2						
3	3	172449-37100-N	IDLER ASSY, 295		2						
4	3	172A64-37120	SHAFT, IDLER		2						
5	3	172C02-37820	FORK, IDLER L		2						
6	3	172C02-37830	FORK, IDLER R		2						
7	3	1A1060-48300	SEAL, QLN306213.2		4						
10	3	22242-000250	RING, 25		2						
11	3	22242-000300	RING, 30		2						
12	3	22252-000620	RING, 62		4						
13	3	24101-062064	BEARING, BALL 6206		4						
14	2	172C02-37700	ADJUSTER ASSY, CRAW		2						
15	3	172C02-37710	SPRING ASSY, CRAWLER		2						
16	3	172C02-37750	TUBE ASSY, ADJUST		2						
17	3	172B03-37840	VALVE ASSY, NIPPLE		2						
18	4	172B03-37850	SEAL, SQUARE		2						
19	4	24761-020000	NIPPLE, GREASE PT1/8		2						
20	3	172137-37850	RING, BACKUP P30		2						
21	3	24315-000300	O-RING, 1BP30.0		2						
22	3	933126-38600	SEAL, DUST DKB		2						
23	3	933171-13691	PLUG, PT1/8		2						
24	2	26013-100352	BOLT, M10X 35		8						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



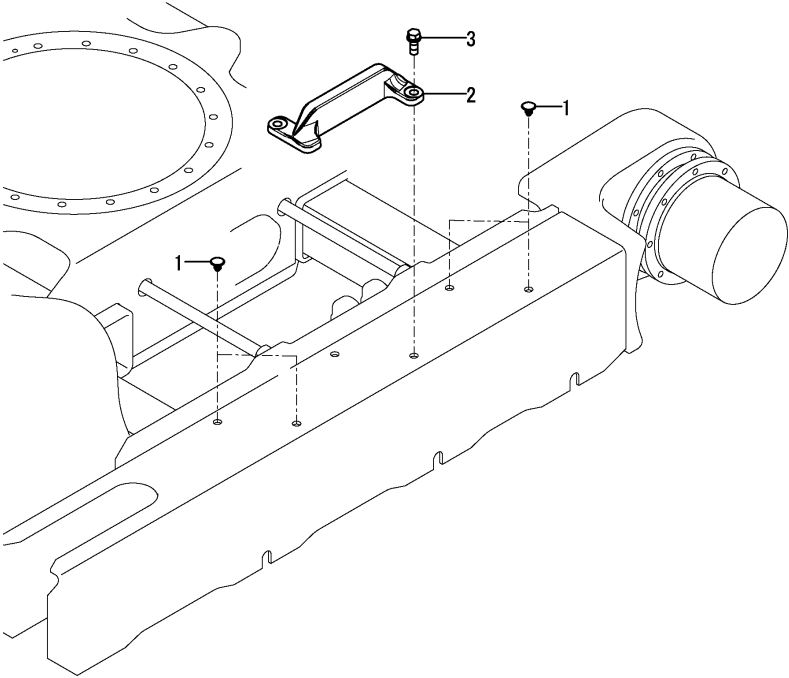
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-37400	ROLLER ASSY, LOWER	6	6						
1-1	1	172A64-37401	ROLLER ASSY, LOWER	6	6						R
(A=M1C116) (B=M1C162)											
3	2	172A64-37420	SHAFT	6	6						
4	2	1E6140-73420	SEAL, OIL 25X52X18	12	12						
5	2	22252-000520	RING, 52	12	12						
6	2	24101-062054	BEARING, BALL 6205	12	12						
7	1	26013-120252	BOLT, M12X 25	12	12						
8	1	933152-03700	WASHER, CLUTCH CAM	12	12						

Fig.28. GUIDE(STANDARD SPEC.)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

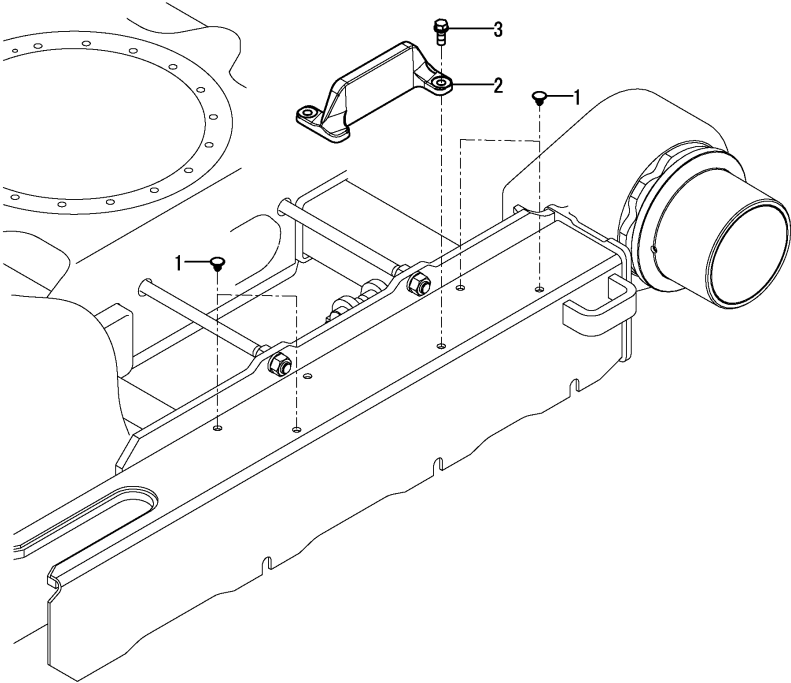
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	8							
2	1	172A64-37850	PLATE ASSY, SLIDE	2							
3	1	26013-100252	BOLT, M10X 25	4							



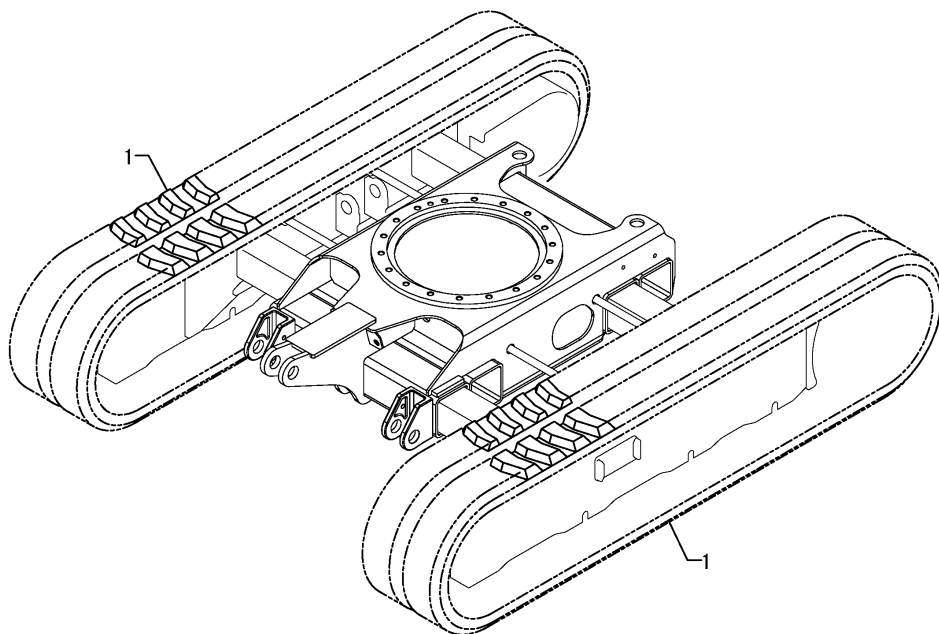
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE		8						
2	1	172C02-37800	GUIDE, SLIDE RUB		2						
3	1	26013-100252	BOLT, M10X 25		4						



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	172A64-38601	CRAWLER, RUBBER 230	2						
1-1	1	172A64-38602 (A=M15258)	CRAWLER,RUBBER230	2						N



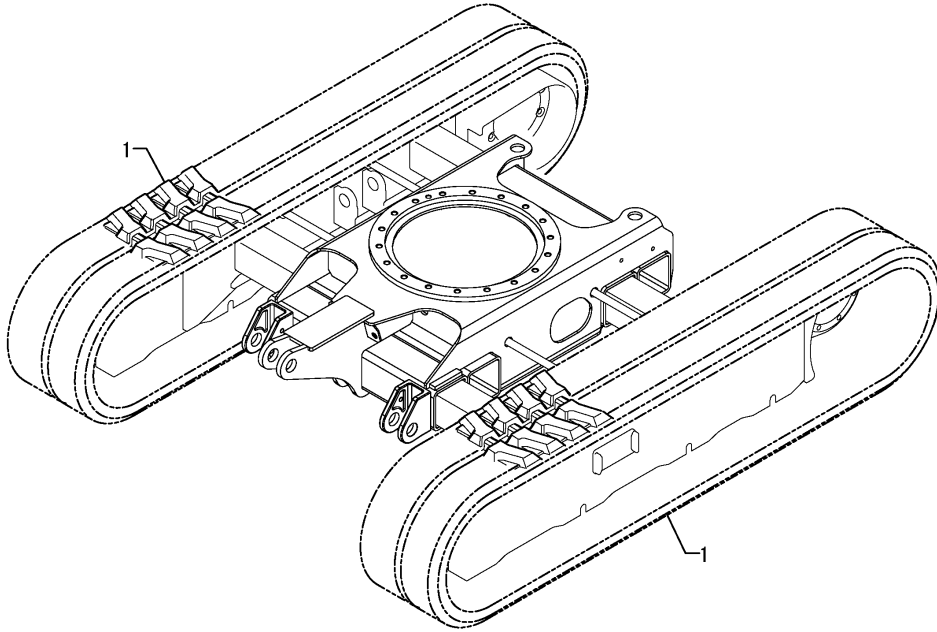
[illegible]

Fig.32. LEVER STAND

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A78-46101	STAND ASSY, LEVER L	1	1						
2	2	172141-41370	BUSH, 20 15	4	4						
4	1	172124-46200	O-RING, 27.6X5.7	4	4						
5	1	172A47-46230	PLATE ASSY, BASE	1	1						
6	1	172A69-46270	SPRING, 2.3X15X60	1	1						
7	1	172A47-46310	ROD ASSY, SPRING	1	1						
8	1	172455-46890	SPRING, GAS	1	1						
9	1	172165-47550	BUSH	1	1						
10	1	22137-080000	WASHER, 8	2	2						
11	1	22272-000070	RING, E- 7	1	1						
12	1	22417-200200	PIN, COTTER 2.0X20	2	2						
13	1	26014-100252	BOLT, M10X 25	2	2						
14	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
15	1	24761-050000	NIPPLE, GREASE C	1	1						
16	1	172C02-46200	BASE ASSY, LEVER L	1	1						
17	2	172498-12250	GRIP, ACCELERATOR	1	1						
18	2	172C02-46610	LEVER, ACCELERATOR	1	1						
19	2	172C02-46620	BRACKET, LEVER	1	1						
20	2	172C02-46630	BOLT, SOCKET HEAD	1	1						
21	2	172C02-46650	NUT, 10	2	2						
22	2	172C02-46660	WASHER, 10	1	1						
23	2	172C02-46670	SPRING, ADJUST	2	2						
24	2	172C02-46680	WASHER	2	2						
25	2	172C02-46690	BRACKET ASSY, LEVER	1	1						
26	2	22137-100000	WASHER, 10	1	1						
27	1	26013-100202	BOLT, M10X 20	3	3						

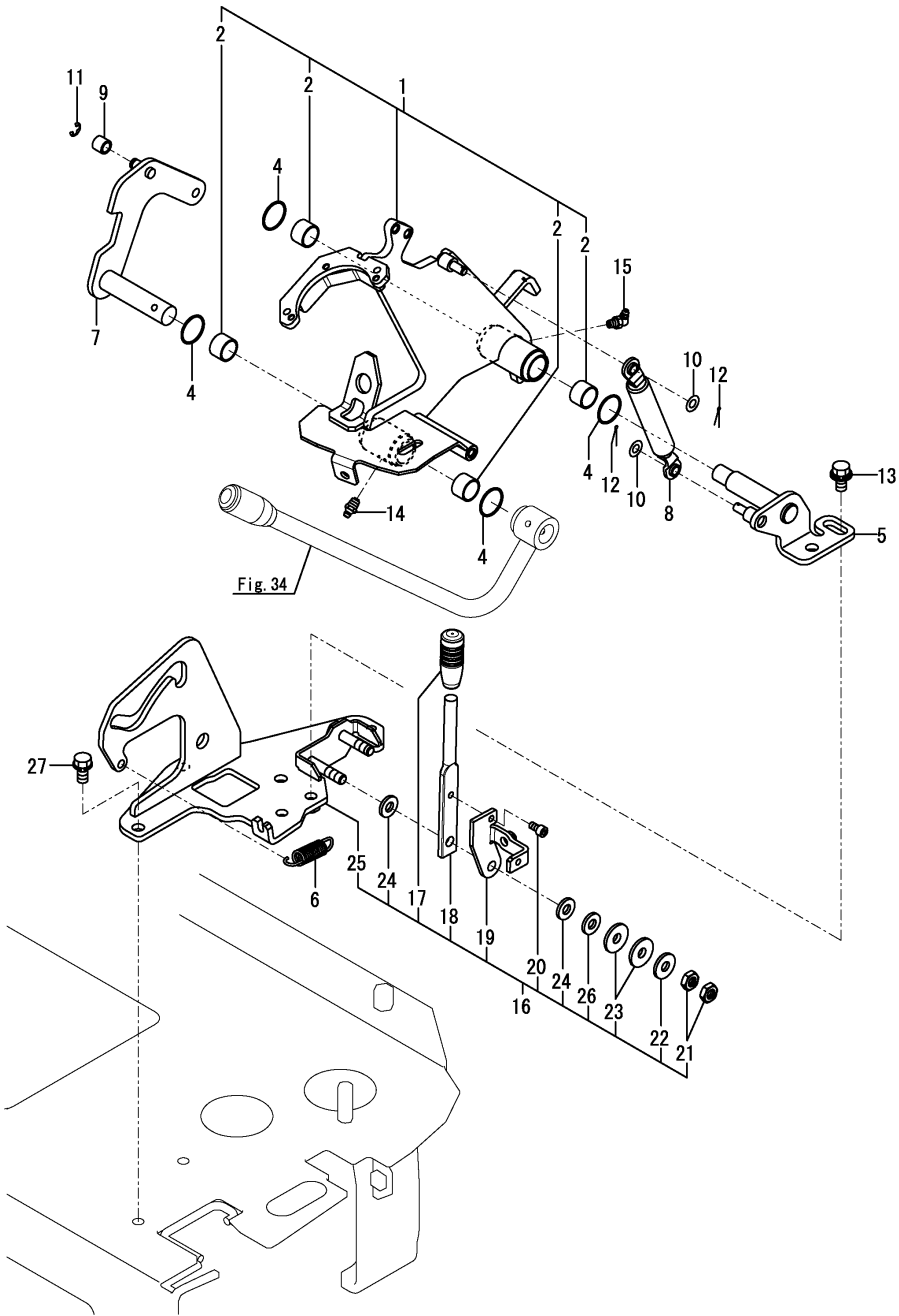
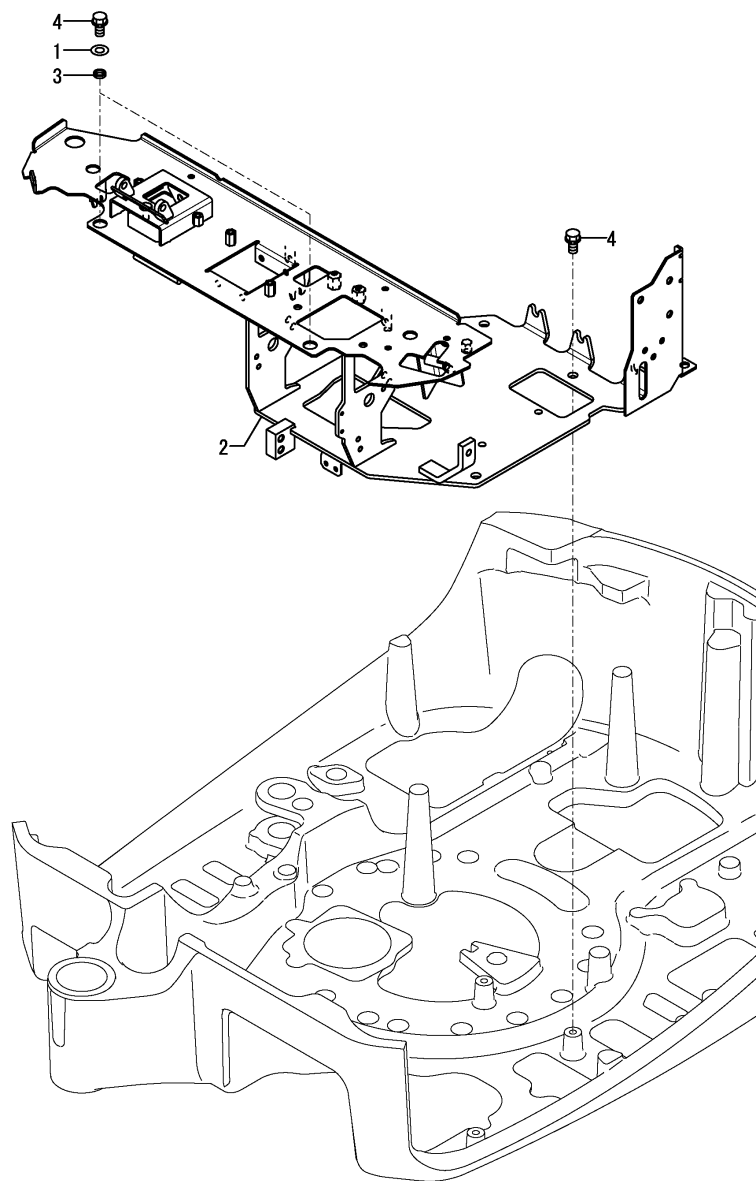


Fig.33. CONTROL VALVE PLATE



No.	Lev.	Parts No.	Description	(A)=VIO17-1(KR)	(B)=VIO17-1B(KR)	(C)=	(D)=	(E)=	(F)=
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172730-05250	WASHER, 12	2	2				
2	1	172C02-45420	MOUNT ASSY, LINK	1	1				
3	1	172A64-45580	COLLAR, 17.3X2.3X4	2	2				
4	1	26013-120252	BOLT, M12X 25	6	6				

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-46051	GRIP,RED	1	1						
2	1	172A47-46344	LEVER ASSY, LOCK L	1	1						
3	1	22351-035040	PIN, SPRING 3.5X40	1	1						
4	1	22351-060040	PIN, SPRING 6.0X40	1	1						

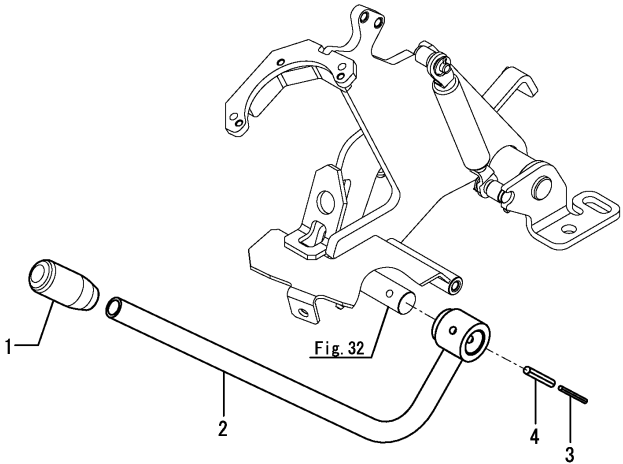


Fig.35. LOCK LEVER(RIGHT)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-45190	SPRING	1	1						
2	1	172A77-46051	GRIP,RED	1	1						
3	1	172A64-46451	LEVER ASSY, LOCK R	1	1						
4	1	172C02-46470	SHAFT ASSY, LEVER R	1	1						
4-1	1	172C02-46471	SHAFT ASSY, LEVER R	1	1						N
		(A=*2025.01)	(B=*2025.01)								
5	1	22351-050032	PIN, SPRING 5.0X32	1	1						
6	1	24311-000210	O-RING, 1AP21.0	3	3						

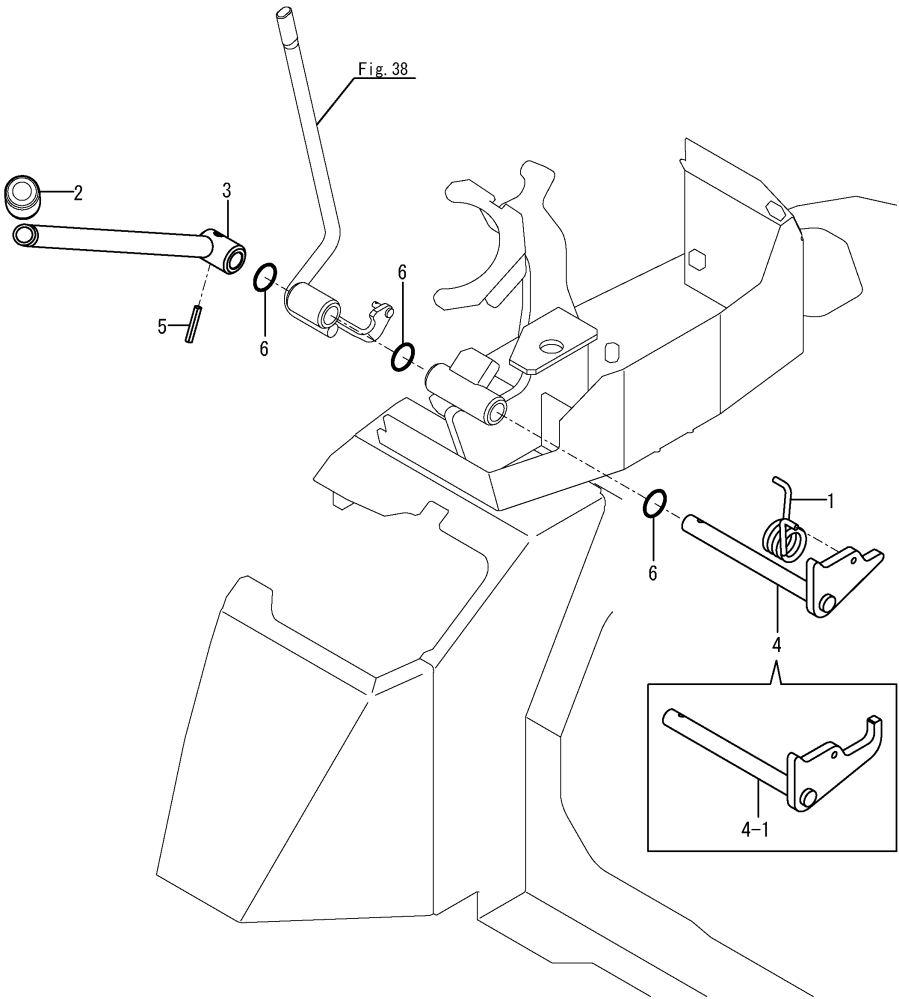
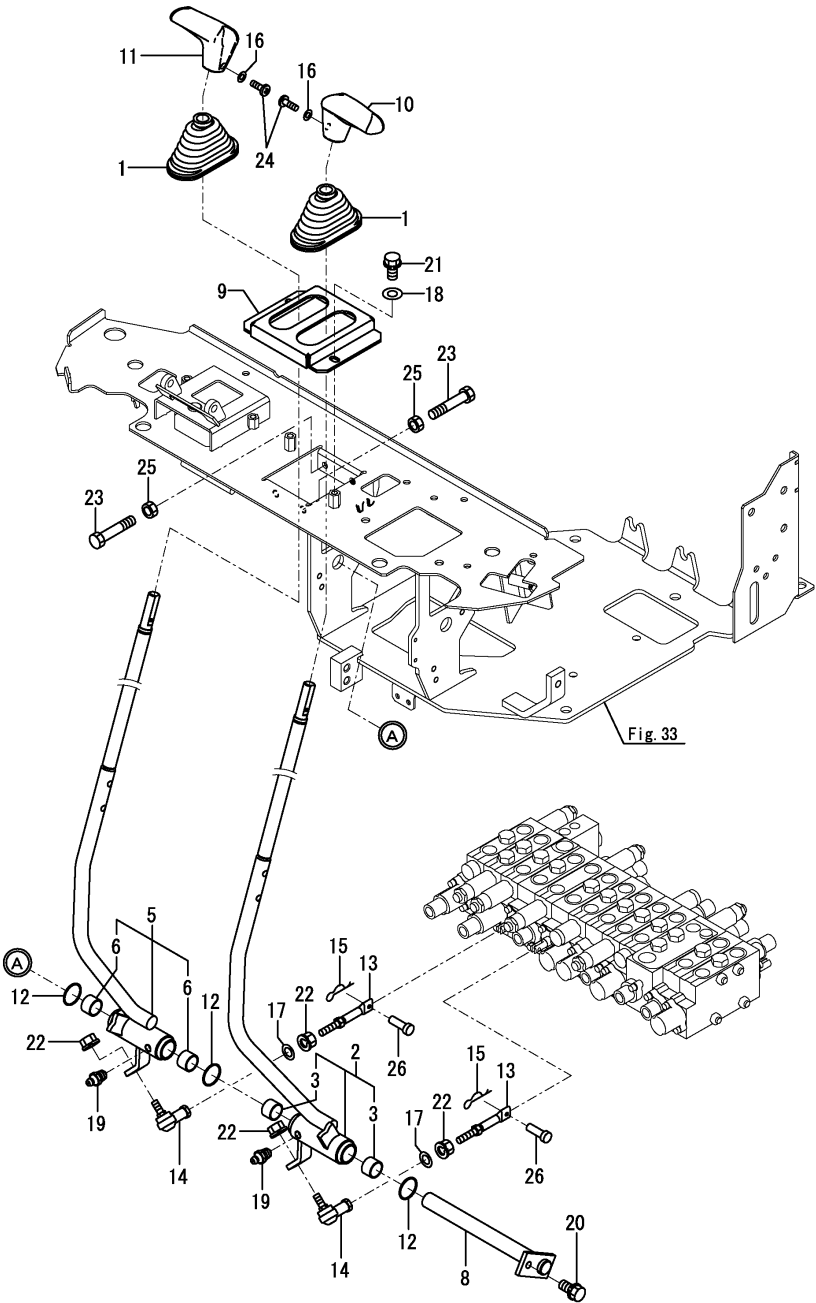


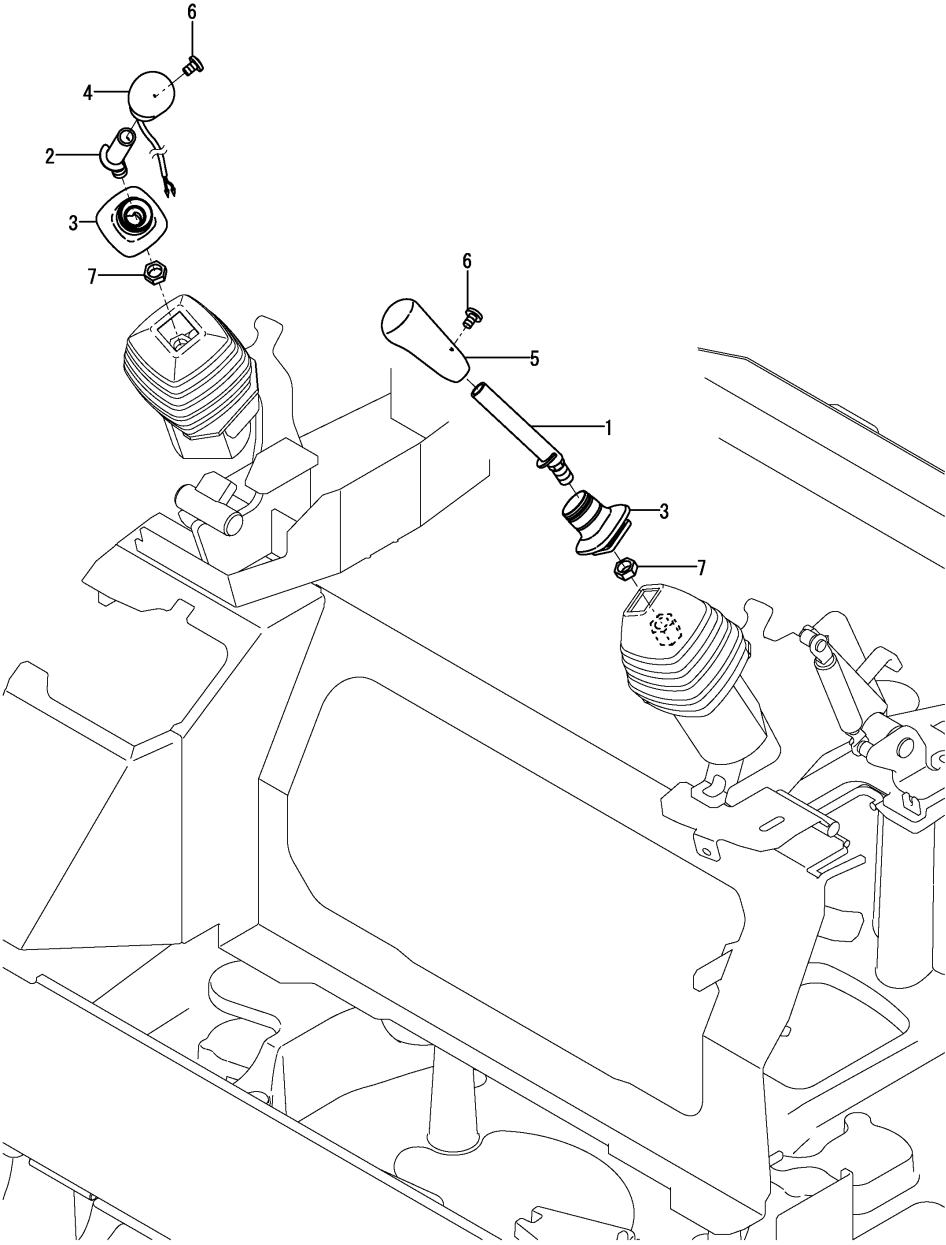
Fig.36. TRAVEL LEVER

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(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						
2	1	172C02-45100	LEVER ASSY, TRACK L	1	1						
2-1	1	172C02-45101	LEVER ASSY, TRACK L	1	1						N
(A=M16411) (B=M16411)											
3	2	172141-41370	BUSH, 20 15	2	2						
5	1	172C02-45130	LEVER ASSY, TRACK R	1	1						
5-1	1	172C02-45131	LEVER ASSY, TRACK R	1	1						N
(A=M16411) (B=M16411)											
6	2	172141-41370	BUSH, 20 15	2	2						
8	1	172A64-45202	SHAFT ASSY	1	1						
9	1	172458-45510-1	BRACKET, BOOT	1	1						
10	1	172187-45870	GRIP, DRIVE L	1	1						
11	1	172187-45880	GRIP, DRIVE R	1	1						
12	1	172124-46200	O-RING, 27.6X5.7	3	3						
13	1	172124-46340-1	ROD ASSY, SPOOL A	2	2						
14	1	172122-46590	ELBOW, 8	2	2						
15	1	1C6281-52310	PIN, SNAP 6	2	2						
16	1	22117-040000	WASHER, 4	2	2						
17	1	22117-080000	WASHER, 8	2	2						
18	1	22137-080000	WASHER, 8	2	2						
19	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
20	1	26013-080162	BOLT, M8X 16	1	1						
21	1	26013-080162	BOLT, M8X 16	2	2						
22	1	26051-080002	NUT, M8	4	4						
23	1	26116-080404	BOLT, M8X 40 PLATED	4	4						
24	1	26587-040122	SCREW, M4X12	2	2						
25	1	26756-080002	NUT, LOCK M8	4	4						
26	1	933110-54100	PIN, 4.75X14	2	2						



0CK50-M02440 Fig.37

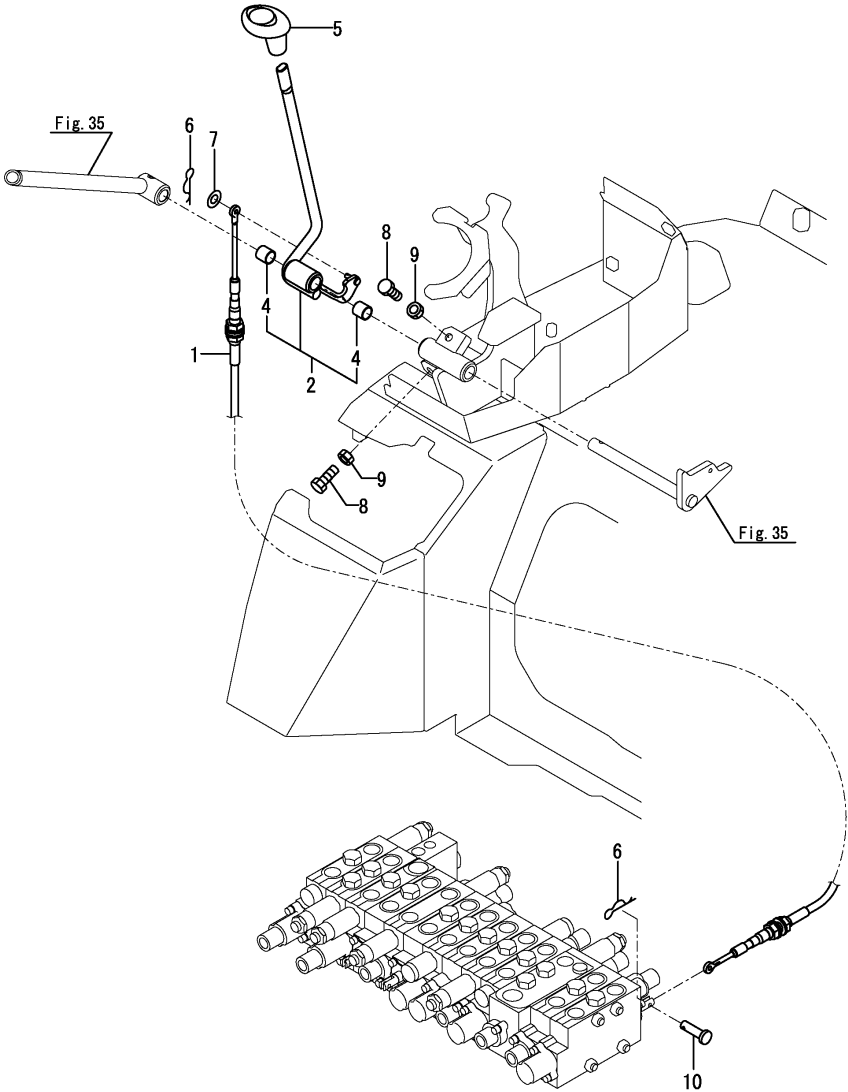
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45010	LEVER ASSY, L	1	1						
2	1	172A64-45040	LEVER ASSY, R	1	1						
3	1	172A64-45070	BOOT, RUBBER	2	2						
4	1	172A46-45500	KNOB ASSY, R	1	1						
5	1	172A46-45510	KNOB ASSY, L	1	1						
6	1	26587-040062	SCREW, M4X 6	2	2						
7	1	26756-140002	NUT, LOCK M14	2	2						

Fig.38. BLADE LEVER

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

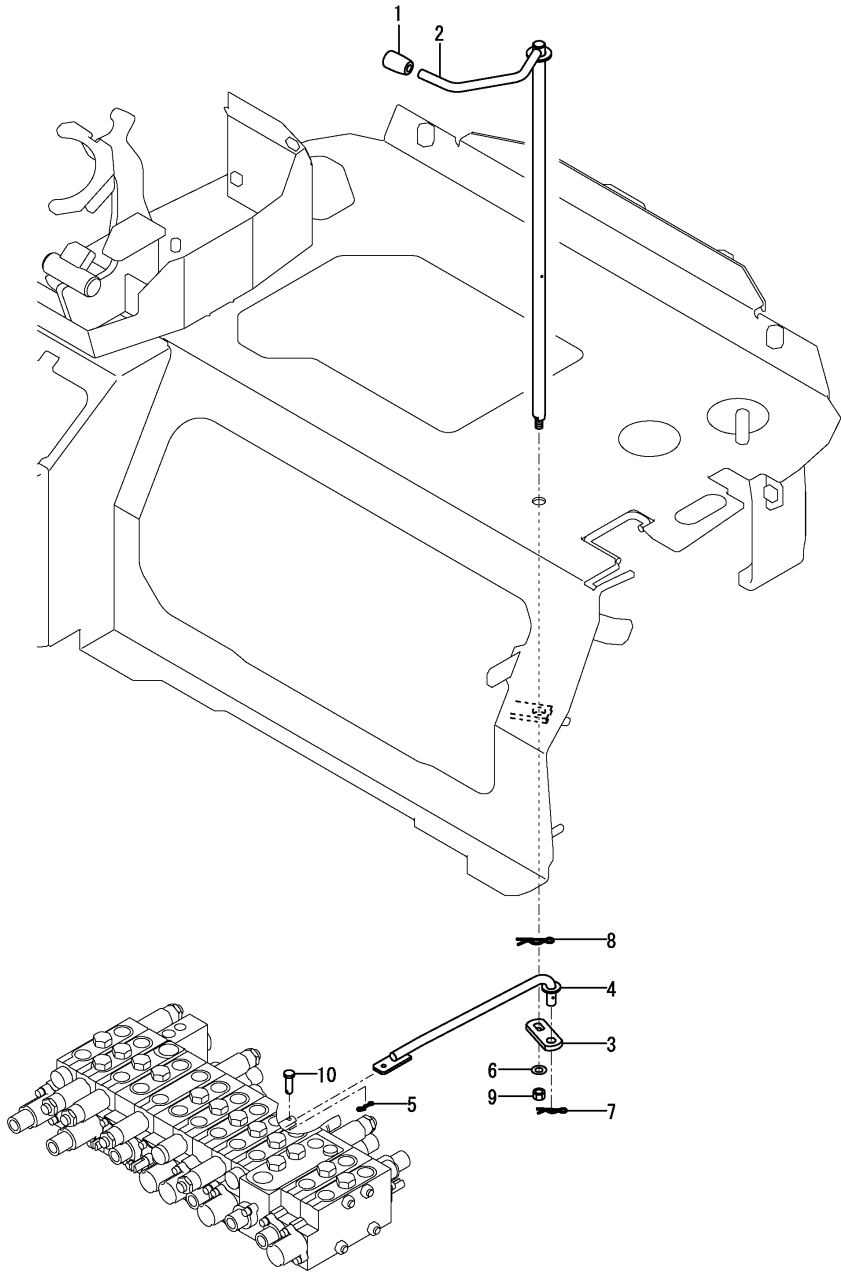
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45690	CABLE, BLADE	1	1						
2	1	172A64-45700	LEVER ASSY, BLADE	1	1						
4	2	24550-014150	BUSH, 14X15	2	2						
5	1	172164-45970	GRIP, BLADE	1	1						
6	1	1C6281-52310	PIN, SNAP 6	2	2						
7	1	22137-050000	WASHER, 5	1	1						
8	1	26116-080252	BOLT, M8X 25 PLATED	2	2						
8-1	1	26116-080254	BOLT, M8X 25 PLATED	2	2						R
(A=*2025.11.) (B=*2025.11.)											
9	1	26756-080002	NUT, LOCK M8	2	2						
10	1	933110-54100	PIN, 4.75X14	1	1						

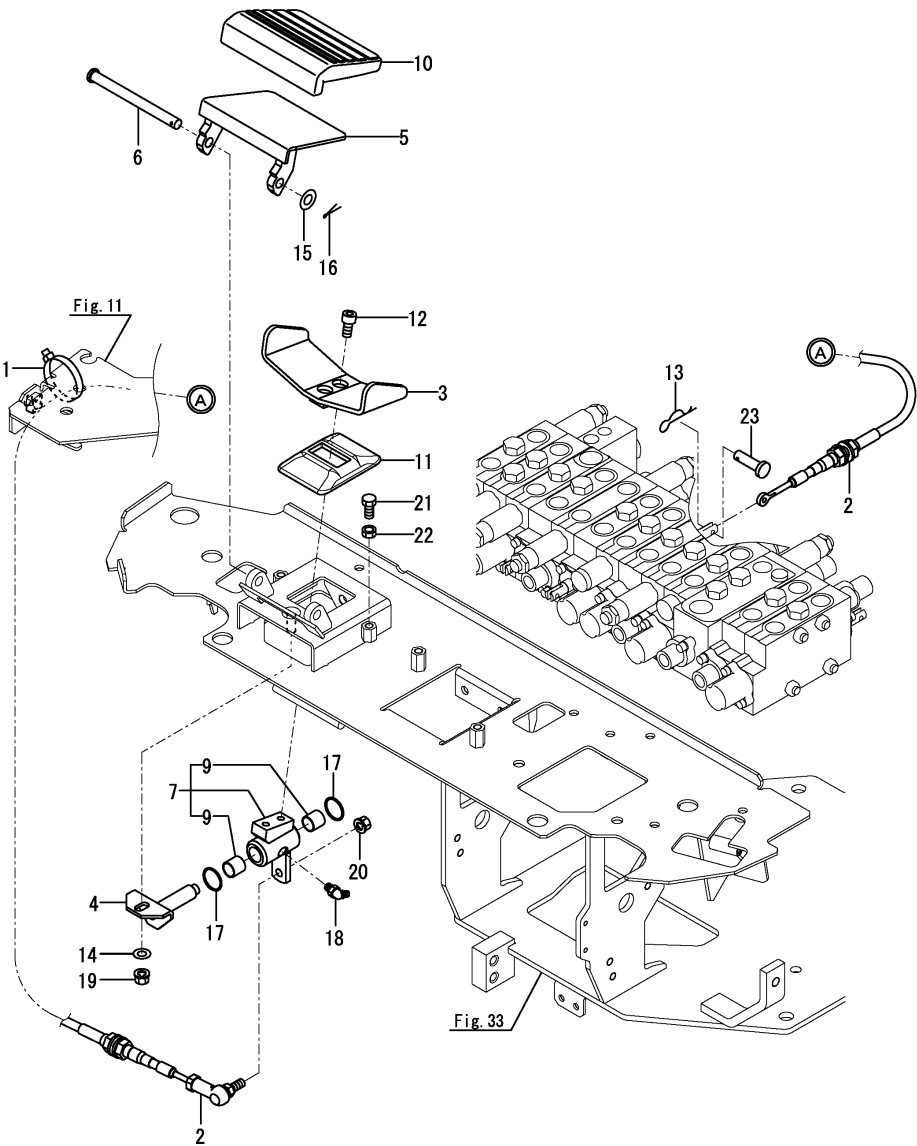


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194150-01190	Knob, Accel Lever	1	1						
2	1	172A64-45800	Lever Assy, W-N	1	1						
3	1	172A64-45840	Plate, Link	1	1						
4	1	172A64-45850	Arm Assy, Link W-N	1	1						
5	1	1C6281-52310	Pin, Snap 6	1	1						
6	1	22137-080000	Washer, 8	1	1						
7	1	22372-100000	Pin, Snap 10	1	1						
8	1	22372-140000	Pin, Snap 14	1	1						
9	1	26347-080002	Nut, M8	1	1						
10	1	933110-54100	Pin, 4.75X14	1	1						

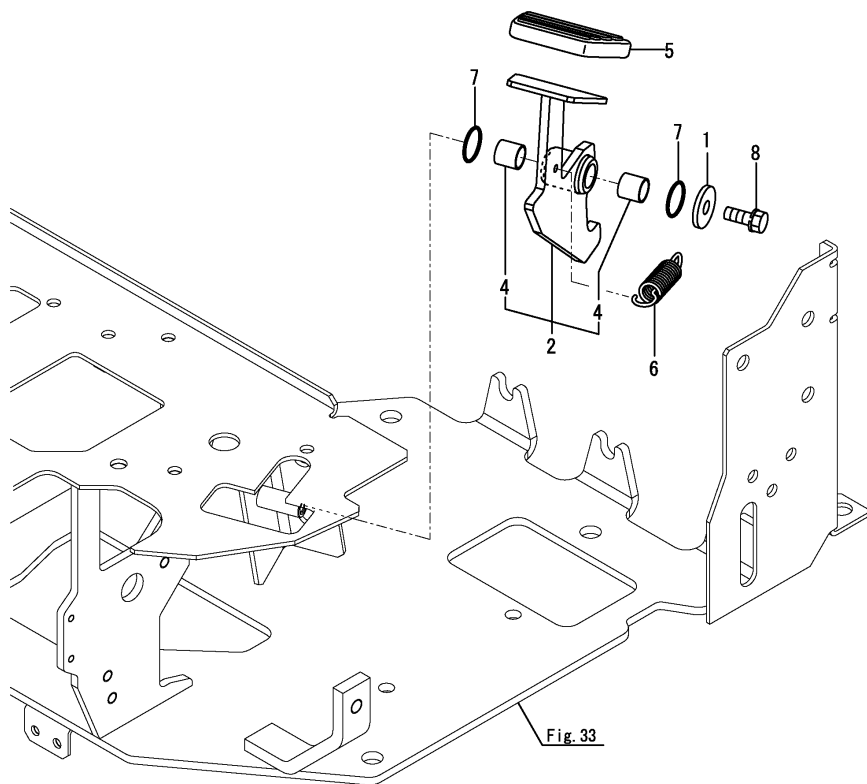


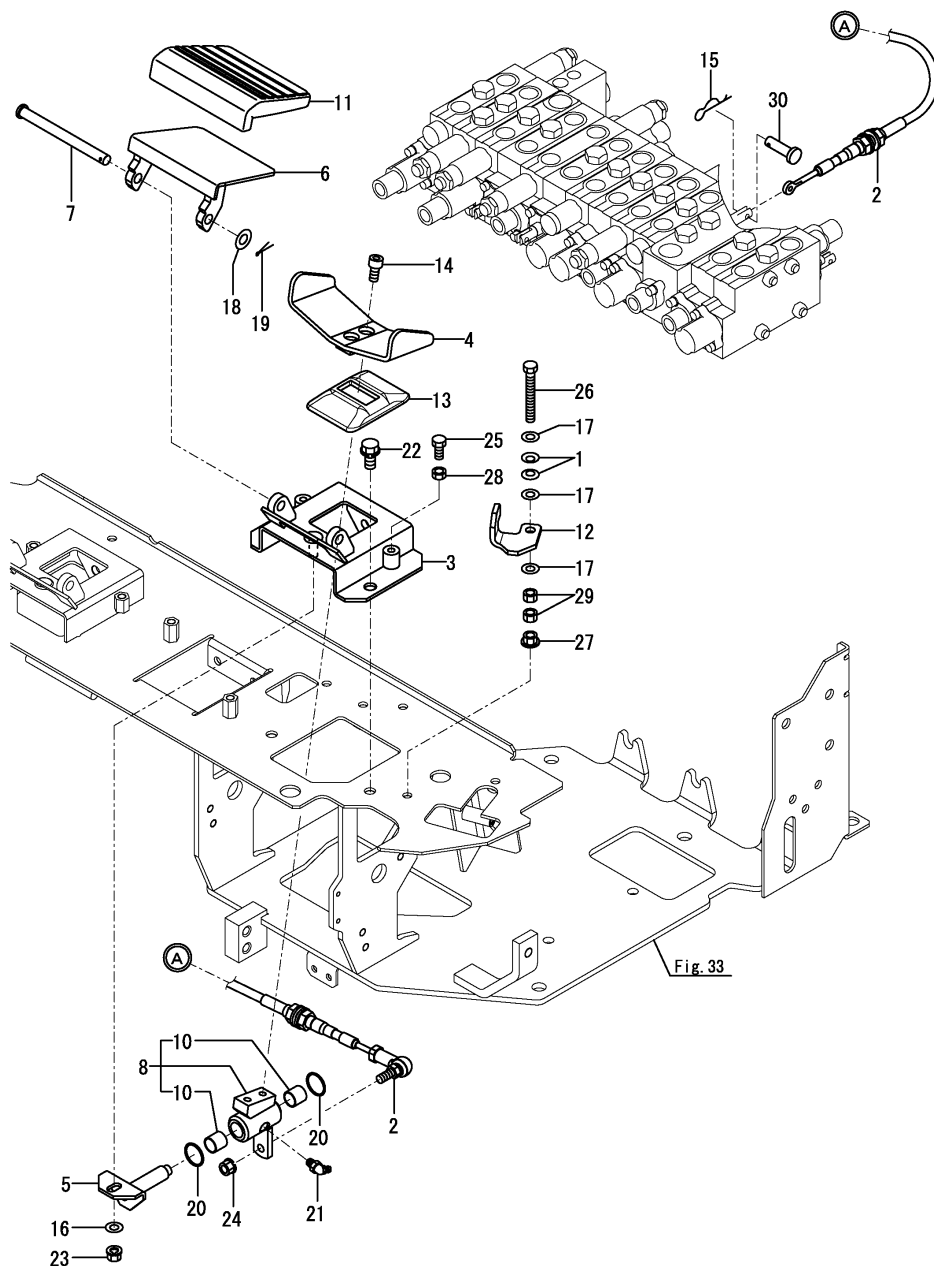
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172614-16520	BAND 100	1	1						
2	1	172A64-45280	CABLE, SWING	1	1						
3	1	172458-45521-1	PEDALL ASSY, SWING	1	1						
4	1	172187-45530	SHAFT ASSY	1	1						
5	1	172458-45540-1	COVER ASSY, PEDAL	1	1						
6	1	172187-45651	SHAFT, PEDAL COVER	1	1						
7	1	172A64-45650	LINK ASSY	1	1						
9	2	24550-014150	BUSH, 14X15	2	2						
10	1	172187-45760	PAD	1	1						
11	1	172157-45990	BOOT, PEDAL	1	1						
12	1	172165-46340	BOLT, HEX SOCKET M8	2	2						
13	1	1C6281-52310	PIN, SNAP 6	1	1						
14	1	22137-080000	WASHER, 8	1	1						
15	1	22137-100000	WASHER, 10	1	1						
16	1	22417-250200	PIN, COTTER 2.5X20	1	1						
17	1	24311-000210	O-RING, 1AP21.0	2	2						
18	1	24761-040000	NIPPLE, GREASE B	1	1						
19	1	26051-080002	NUT, M8	1	1						
20	1	26051-080002	NUT, M8	1	1						
21	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
22	1	26716-080002	NUT, M8	2	2						
23	1	933110-54100	PIN, 4.75X14	1	1						

Fig.41. LOW-HIGH PEDAL

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1040-43900	WASHER, SPRING	1	1						
2	1	172A64-45901-N	PEDAL ASSY	1	1						
4	2	24550-014150	BUSH, 14X15	2	2						
5	1	172458-45950	PAD, PEDAL	1	1						
6	1	172162-46690	SPRING	1	1						
7	1	24311-000210	O-RING, 1AP21.0	2	2						
8	1	26013-080162	BOLT, M8X 16	1	1						



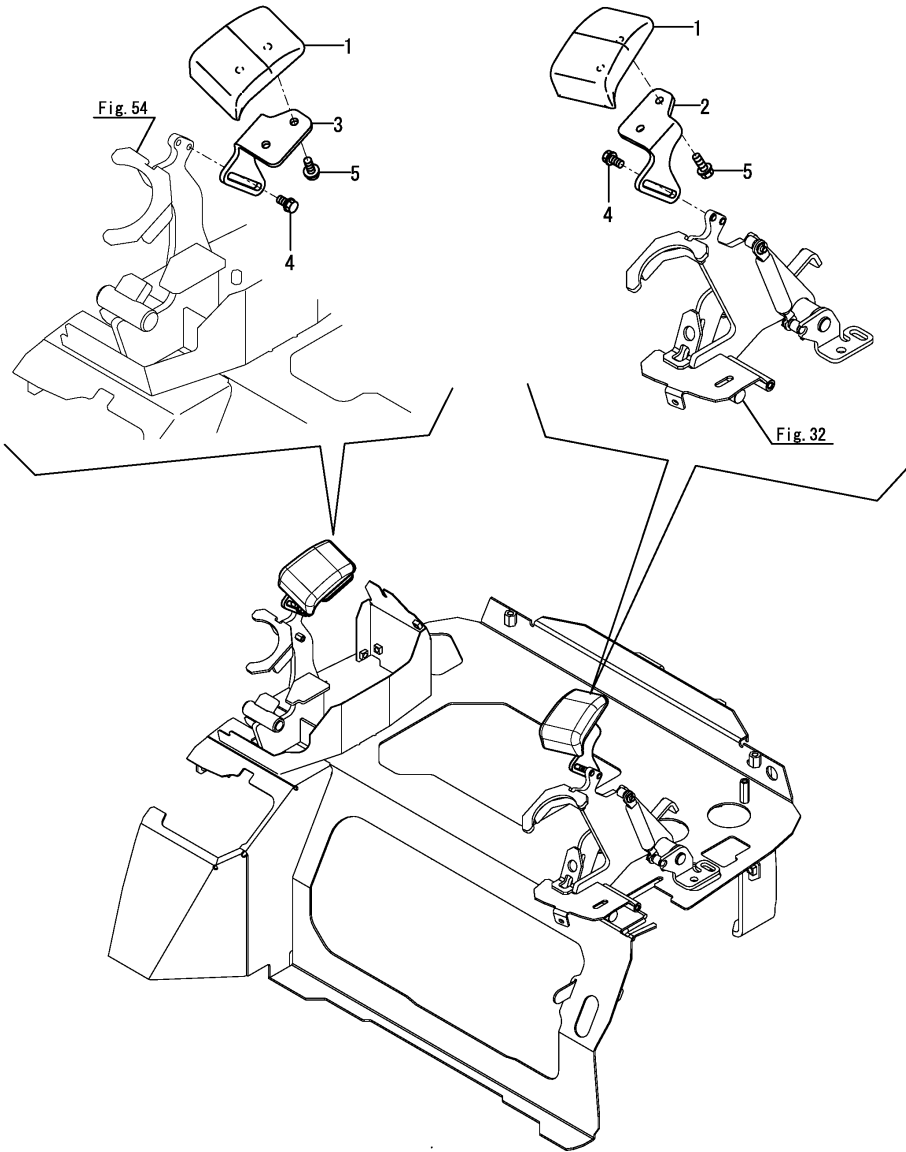


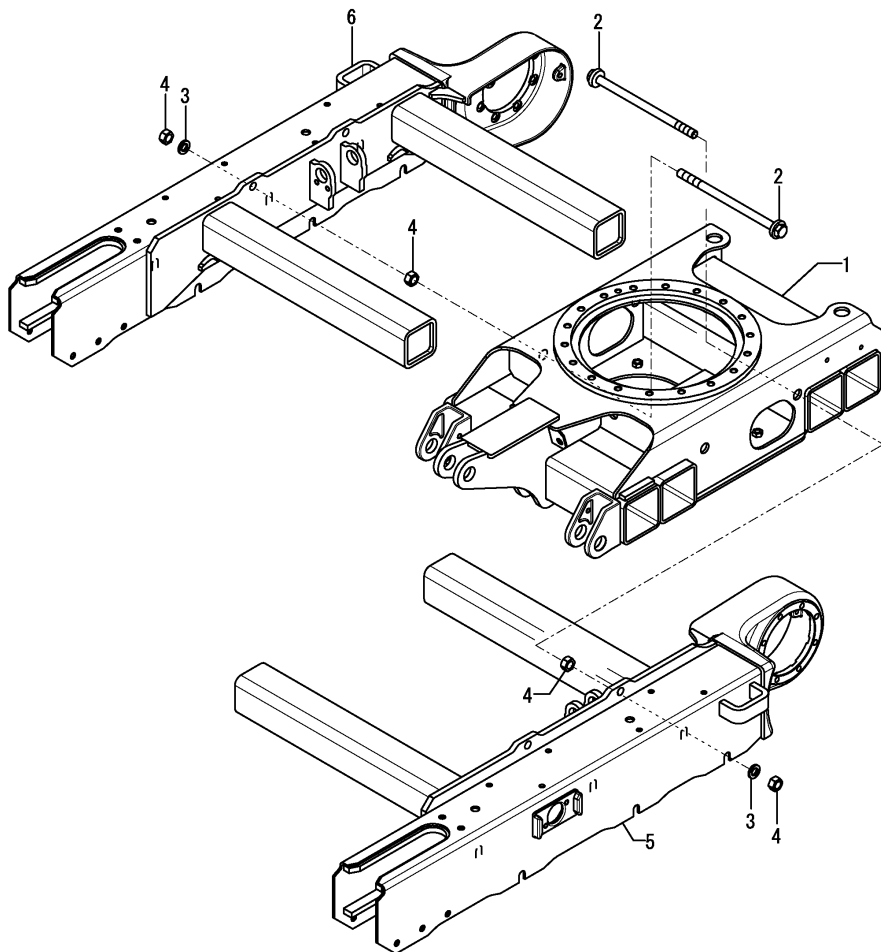
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING, SCREW 8	2	2						
2	1	172A64-45290	CABLE, PTO	1	1						
3	1	172448-45380-1	BRACKET, PTO	1	1						
4	1	172458-45521-1	PEDAL ASSY, SWING	1	1						
5	1	172187-45530	SHAFT ASSY	1	1						
6	1	172458-45540-1	COVER ASSY, PEDAL	1	1						
7	1	172187-45651	SHAFT, PEDAL COVER	1	1						
8	1	172A64-45650	LINK ASSY	1	1						
10	2	24550-014150	BUSH, 14X15	2	2						
11	1	172187-45760	PAD	1	1						
12	1	172448-45800	PLATE, LOCK	1	1						
13	1	172157-45990	BOOT, PEDAL	1	1						
14	1	172165-46340	BOLT, HEX SOCKET M8	2	2						
15	1	1C6281-52310	PIN, SNAP 6	1	1						
16	1	22137-080000	WASHER, 8	1	1						
17	1	22137-080000	WASHER, 8	3	3						
18	1	22137-100000	WASHER, 10	1	1						
19	1	22417-250200	PIN, COTTER 2.5X20	1	1						
20	1	24311-000210	O-RING, 1AP21.0	2	2						
21	1	24761-040000	NIPPLE, GREASE B	1	1						
22	1	26013-100202	BOLT, M10X 20	2	2						
23	1	26051-080002	NUT, M8	1	1						
24	1	26051-080002	NUT, M8	1	1						
25	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
26	1	26116-080604	BOLT, M8X 60 PLATED	1	1						
27	1	26366-080002	NUT, M8	1	1						
28	1	26716-080002	NUT, M8	2	2						
29	1	26757-080002	NUT, LOCK M8	2	2						
29-1	1	26756-080002	NUT, LOCK M8	2	2						R
		(A=*2023.02.)	(B=*2023.02.)								
30	1	933110-54100	PIN, 4.75X14	1	1						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

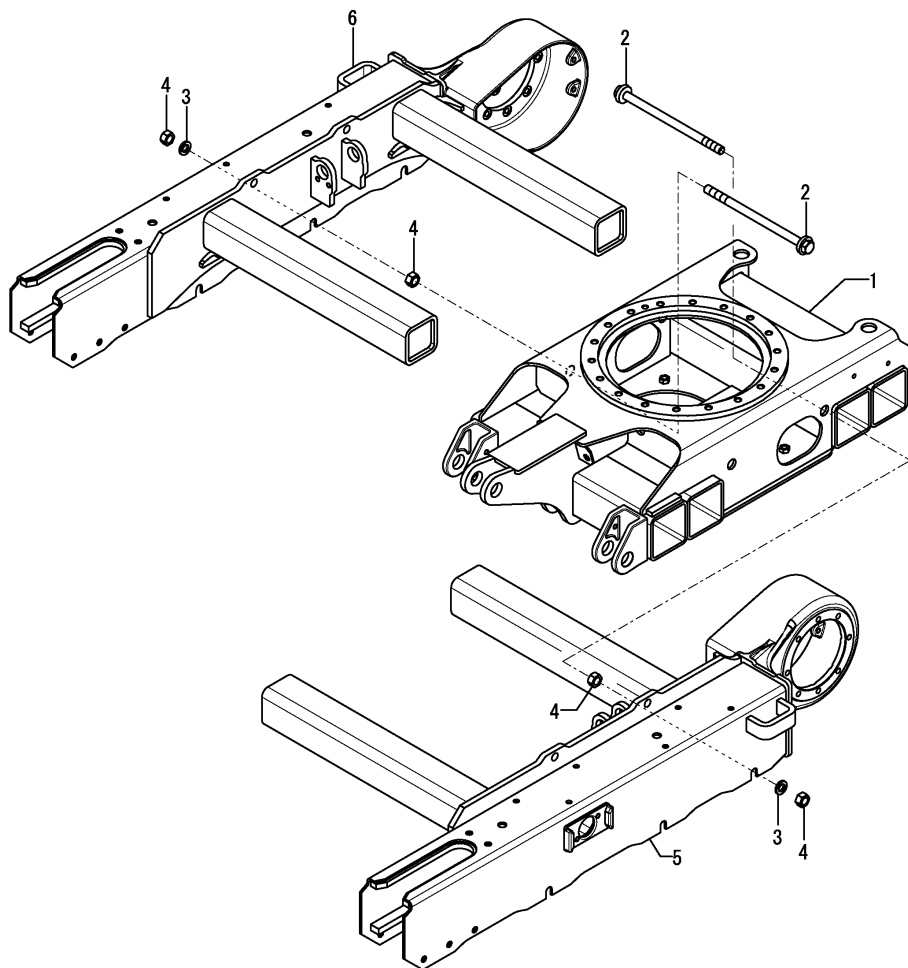
(D)=
(E)=
(F)=

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



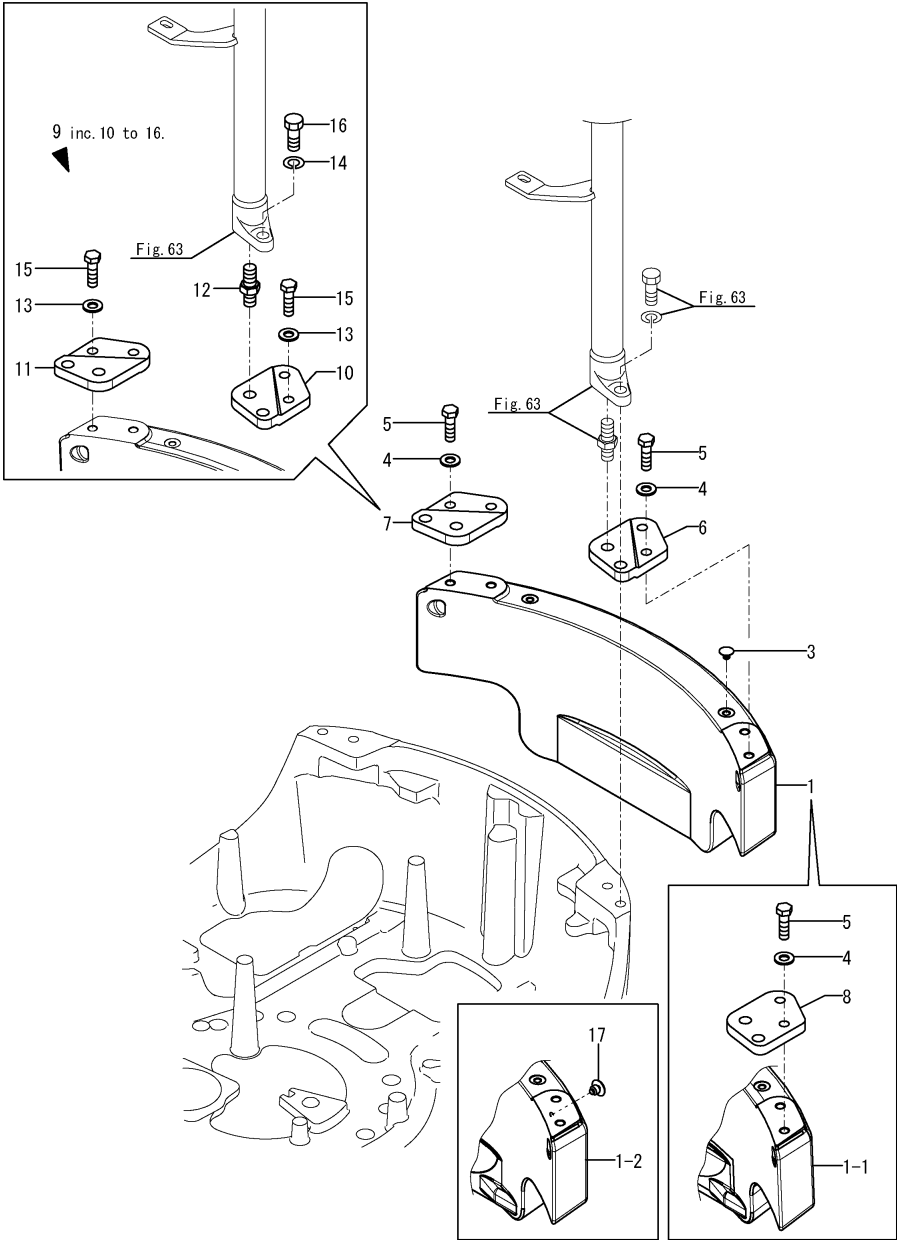


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-50200	FRAME ASSY, LOWER C	1							
2	1	172C02-52900	BOLT ASSY, STOPPER	4							
3	1	22217-160000	WASHER, SPRING 16	4							
4	1	26716-160002	NUT, M16	8							
5	1	172A64-50631	FRAME ASSY,CRAWLER L	1							
6	1	172A64-50641	FRAME ASSY,CRAWLER R	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-50200	FRAME ASSY, LOWER C		1						
2	1	172C02-52900	BOLT ASSY, STOPPER		4						
3	1	22217-160000	WASHER, SPRING 16		4						
4	1	26716-160002	NUT, M16		8						
5	1	172C02-50400	FRAME ASSY,CRAWLER L		1						
6	1	172C02-50410	FRAME ASSY,CRAWLER R		1						

Fig.46. ADDITIONAL WEIGHT



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

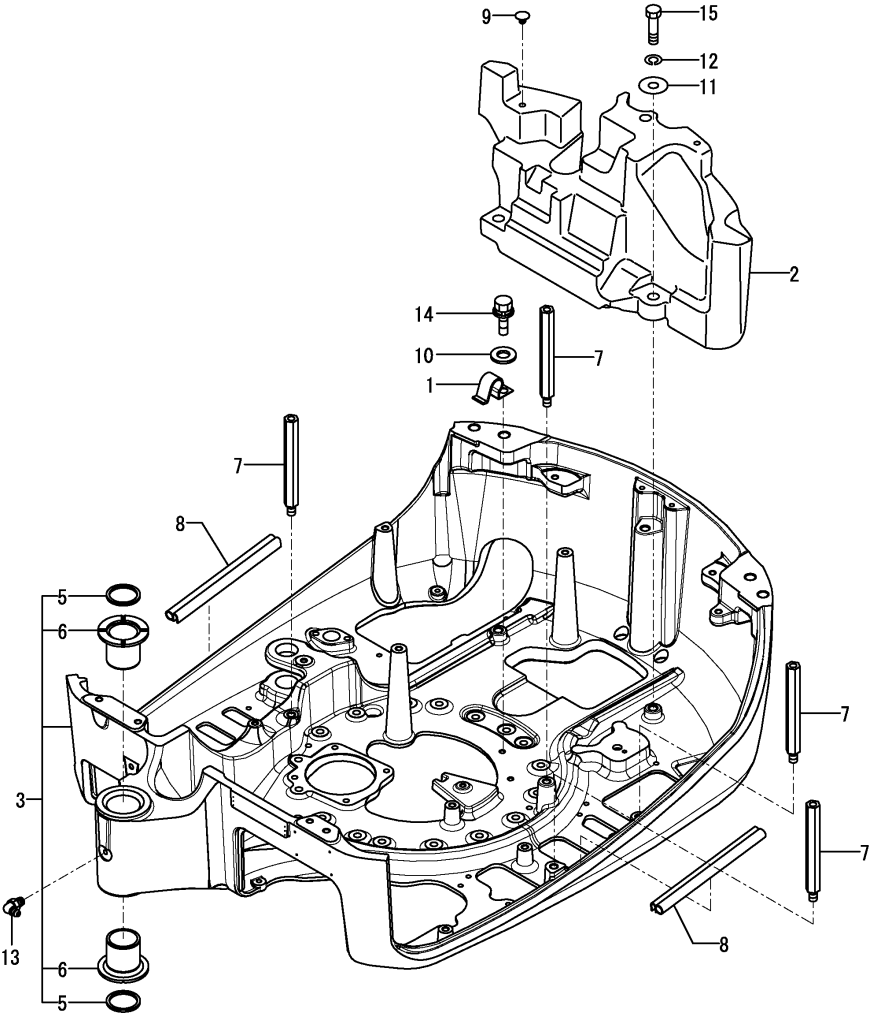
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-53510	WEIGHT,KR	1	1						
1-1	1	172A64-53511	WEIGHT,KR	1	1					F	1
		(A=M13338) (B=M13338)									
1-2	1	172A64-53512	WEIGHT,ADD	1	1					S	
		(A=*2024.02) (B=*2024.02)									
3	1	172176-68210	CLIP, TREE D25XL15	2	2						
4	1	22217-160000	WASHER, SPRING 16	4	4						
5	1	26076-160552	BOLT, 10.916X 55	4	4						
6	1	172C02-53520	BRACKET,WEIGHT L	1	1					Z	
		(A=M13338) (B=M13338)									
7	1	172C02-53530	BRACKET,WEIGHT R	1	1					Z	
		(A=M13338) (B=M13338)									
8	1	172A64-53520	BRACKET,WEIGHT	2	2					W	
		(A=M13338) (B=M13338)									
9	1	172C02-53990	BRACKET KIT, KR W.	1	1						
10	2	172C02-53520	BRACKET,WEIGHT L	1	1						
11	2	172C02-53530	BRACKET,WEIGHT R	1	1						
12	2	172A64-68290	JOINT, 21-M20X48	2	2						
13	2	22217-160000	WASHER, SPRING 16	4	4						
14	2	22217-200000	WASHER, SPRING 20	2	2						
15	2	26076-160552	BOLT, 10.916X 55	4	4						
16	2	26076-200702	BOLT, 10.920X 70	2	2						
17	1	172444-17660	CLIP, TREE 8	2	2					W	
		(A=*2024.02) (B=*2024.02)									

Remarks
(1)Interchangeable with a set of No.8.

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

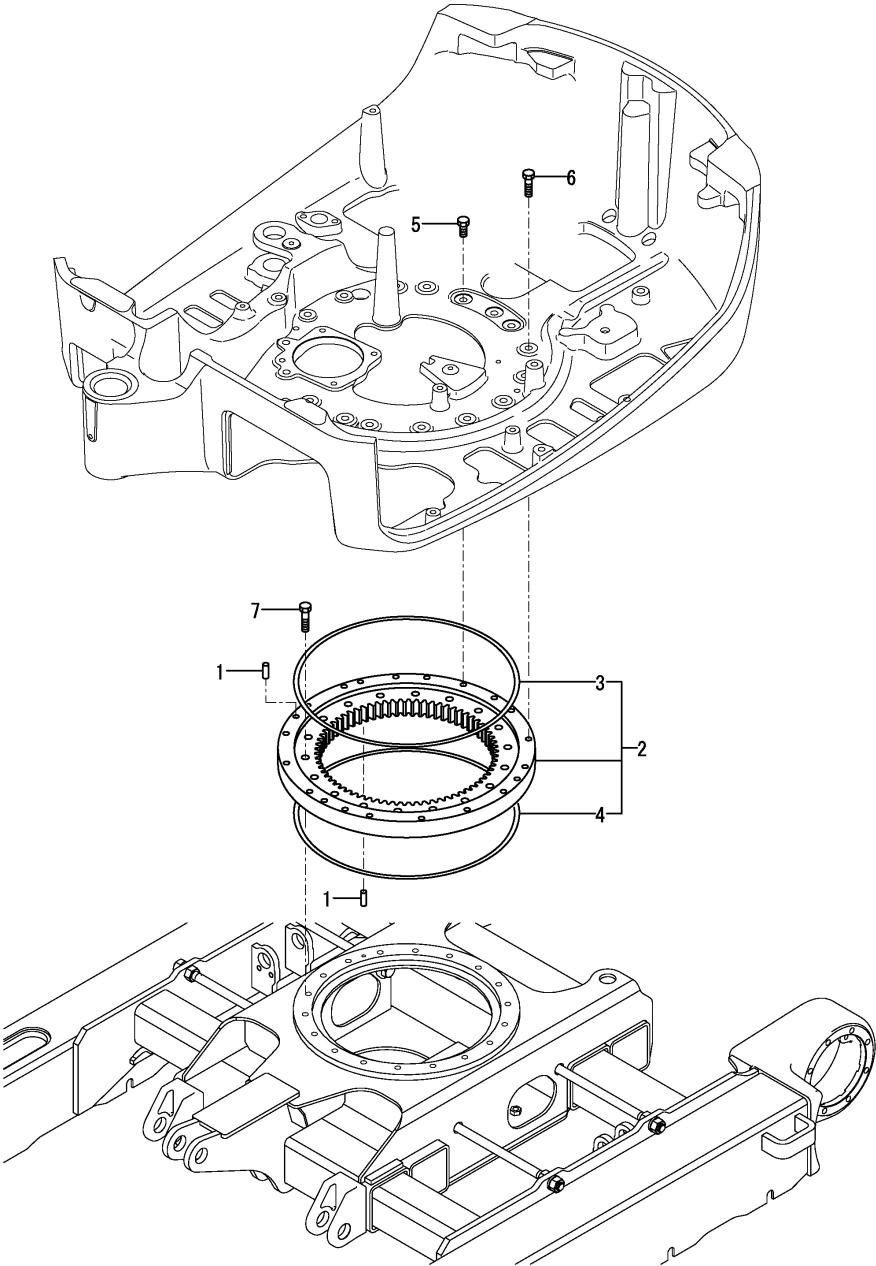


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172112-16650	CLAMP	1	1						
2	1	172A64-53300	WEIGHT	1	1						
3	1	172C02-54100	FRAME ASSY, TURNING	1	1						
5	2	172448-54120	SEAL, DUST 50X60X4	2	2						
6	2	172171-54750	BUSH, 50X65	2	2						
7	1	172A64-54230	SUPPORT, STAND 185	4	4						
8	1	172444-54920	SEAL, WEIGHT C	2	2						
9	1	172176-68210	CLIP, TREE D25XL15	2	2						
10	1	22137-100000	WASHER, 10	1	1						
11	1	22157-140000	WASHER, 14	3	3						
12	1	22217-160000	WASHER, SPRING 16	3	3						
13	1	24761-050000	NIPPLE, GREASE C	1	1						
14	1	26013-100162	BOLT, M10X 16	1	1						
15	1	26116-160602	BOLT, M16X 60 PLATED	3	3						

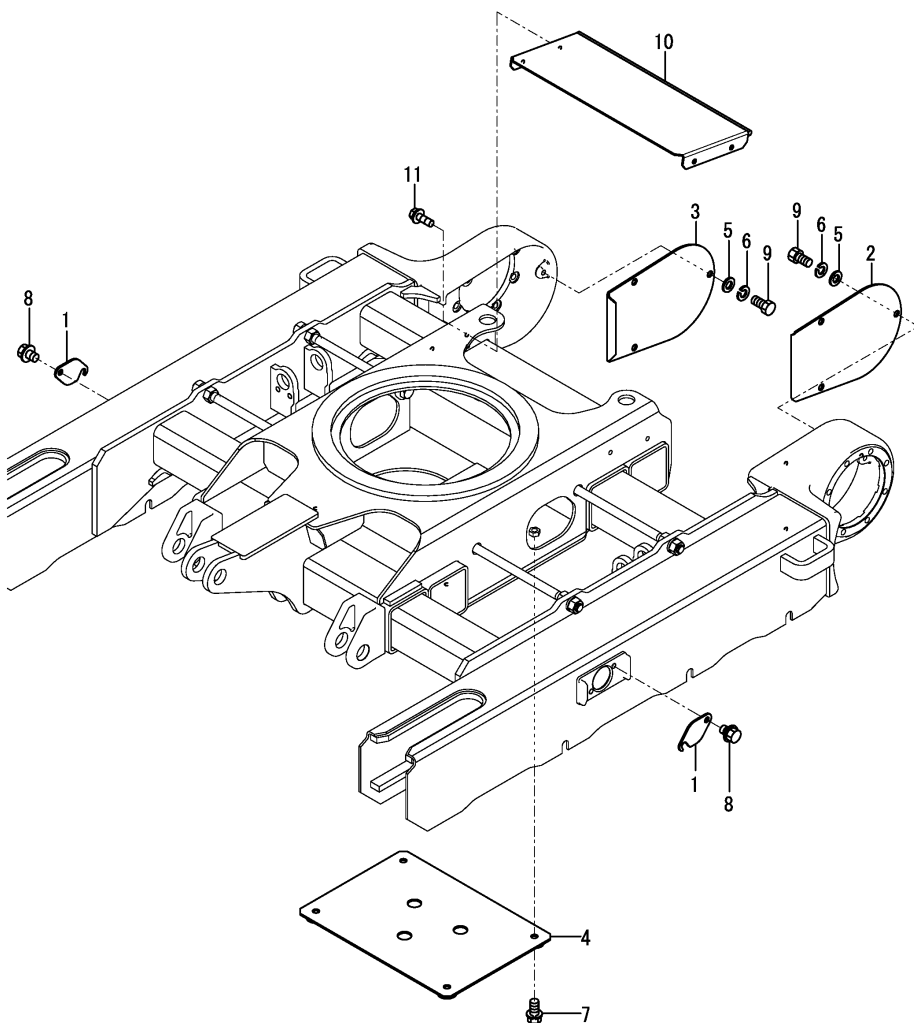
Fig.48. TURNING BEARING

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(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	3						
2	1	172447-57601	BEARING, SWING	1	1						
3	2	172A64-57620	SEAL, A	1	1						
4	2	172A64-57630	SEAL, B	1	1						
5	1	26076-120252	BOLT, 10.912X 25	3	3						
6	1	26076-120402	BOLT, 10.912X 40	14	14						
7	1	26076-120502	BOLT, 10.912X 50	18	18						



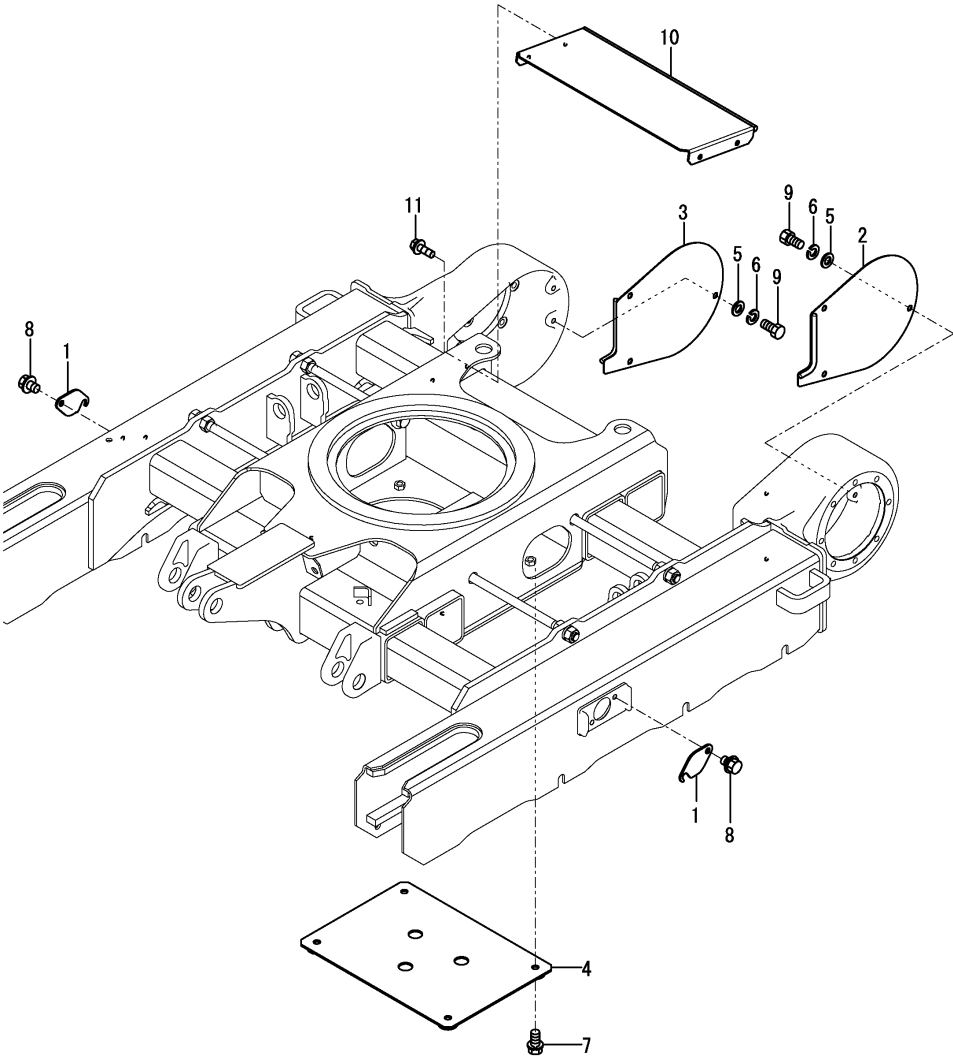
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-50480-2	COVER, FRAME	2							
2	1	172A64-61500	COVER, MOTOR L	1							
3	1	172A64-61510	COVER, MOTOR R	1							
4	1	172A64-61520	COVER ASSY, SJ	1							
5	1	22137-100000	WASHER, 10	6							
6	1	22217-100000	WASHER, SPRING 10	6							
7	1	26013-100252	BOLT, M10X 25	4							
8	1	26106-100122	BOLT, M10X 12 PLATED	4							
9	1	26116-100202	BOLT, M10X 20 PLATED	6							
10	1	172C02-61900	COVER ASSY, HOSE	1							
11	1	26014-080252	BOLT, M8X 25	4							

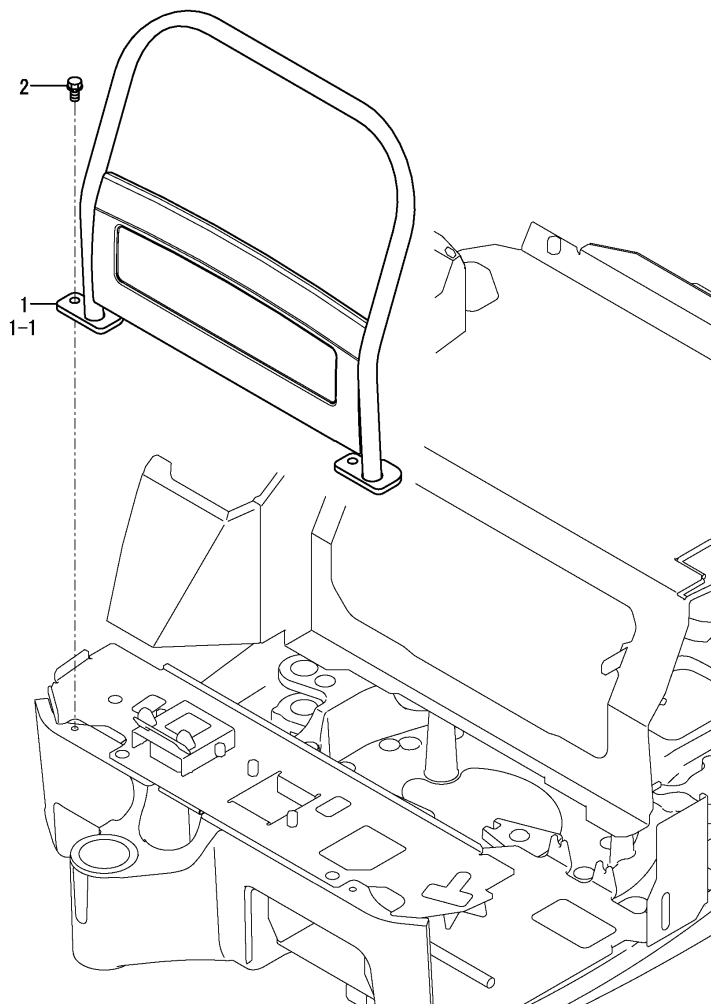
Fig.50. TRAVEL FRAME(HD SPEC.)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

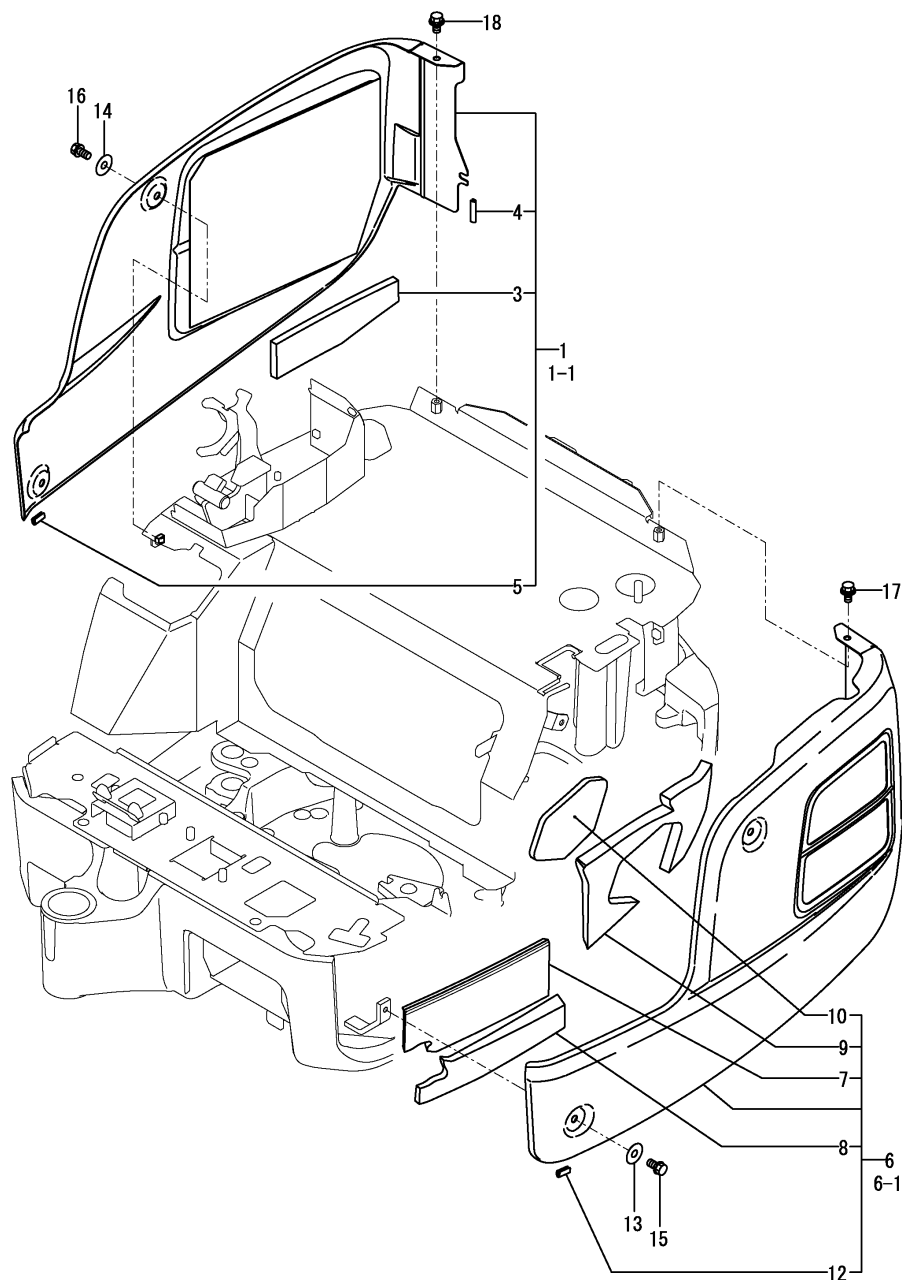
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-50480-2	COVER, FRAME		2						
2	1	172C02-61480	COVER ASSY, MOTOR L		1						
3	1	172C02-61490	COVER ASSY, MOTOR R		1						
4	1	172A64-61520	COVER ASSY, SJ		1						
5	1	22137-100000	WASHER, 10		6						
6	1	22217-100000	WASHER, SPRING 10		6						
7	1	26013-100252	BOLT, M10X 25		4						
8	1	26106-100122	BOLT, M10X 12 PLATED		4						
9	1	26116-100202	BOLT, M10X 20 PLATED		6						
10	1	172C02-61900	COVER ASSY, HOSE		1						
11	1	26014-080252	BOLT, M8X 25		4						



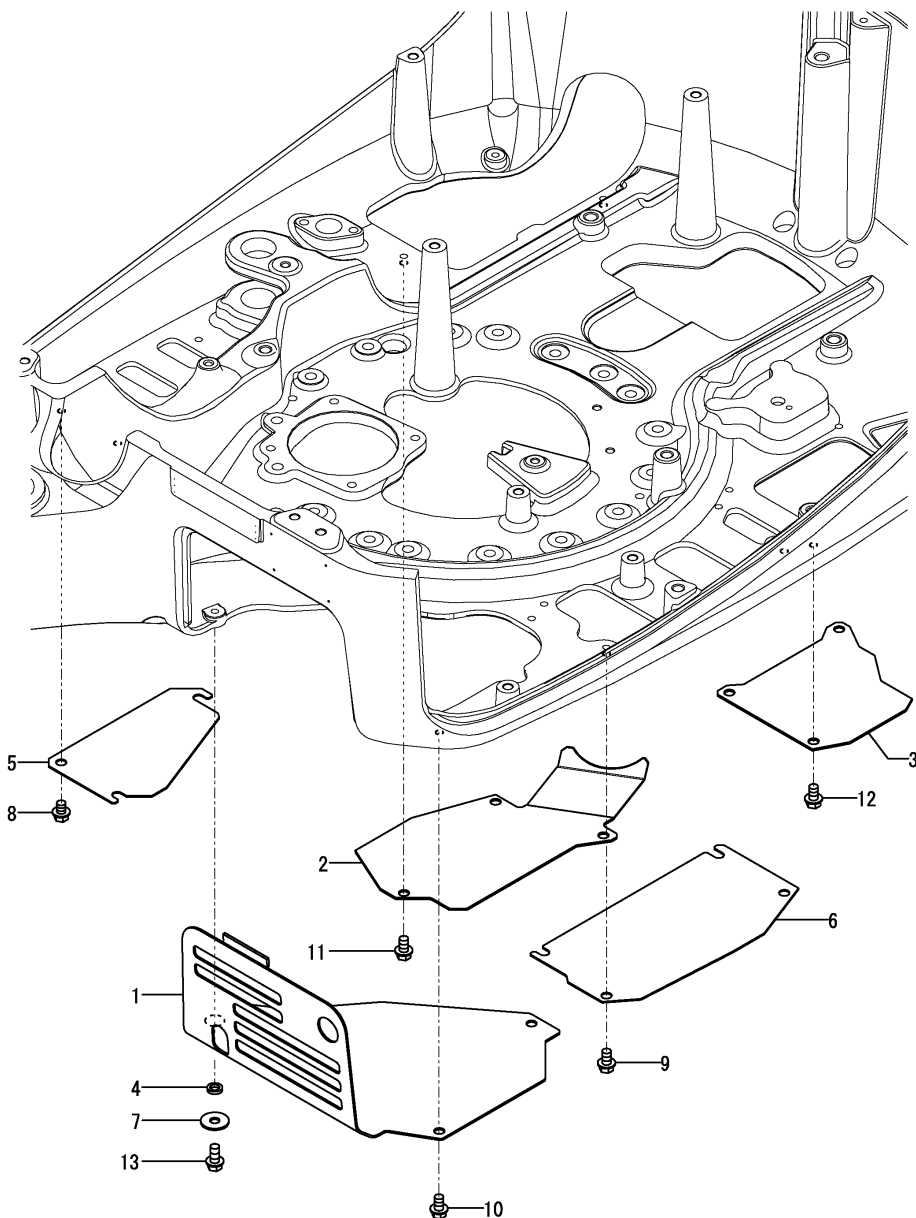


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	F
1	1	172A64-61100-Y	COVER ASSY, FRONT	1	1						
1-1	1	172A64-61100-3	COVER ASSY, FRONT	1	1						S
		(A=M11633)	(B=M11633)								
2	1	26013-120302	BOLT, M12X 30	2	2						

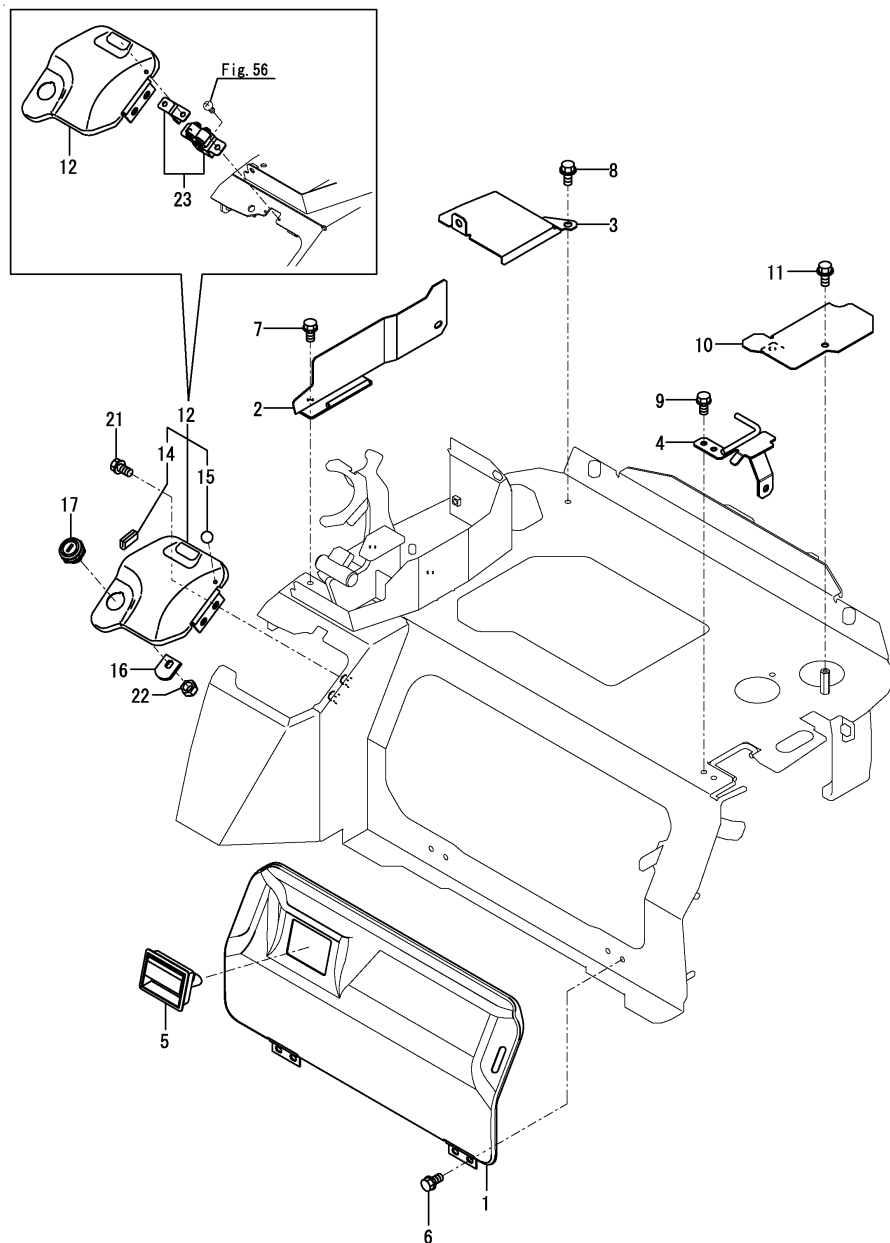


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-61260	COVER ASSY, R	1	1						
1-1	1	172C02-61260-1	COVER ASSY, R	1	1						S
		(A=M11633)	(B=M11633)								
3	2	172A64-61470	PAD, COVER A R	1	1						
4	2	172445-62010	RUBBER, EDGE 45	1	1						
5	2	172478-65220	RUBBER, EDGE 20	1	1						
6	1	172C02-61400	COVER ASSY, L	1	1						
6-1	1	172C02-61400-1	COVER ASSY, L	1	1						S
		(A=M11633)	(B=M11633)								
7	2	172C02-61120	SPONGE, COVER L B	1	1						
8	2	172C02-61130	SPONGE, COVER L C	1	1						
9	2	172C02-61160	SPONGE, COVER L E	1	1						
10	2	172C02-61170	SPONGE, COVER L F	1	1						
12	2	172478-65220	RUBBER, EDGE 20	1	1						
13	1	22157-100000	WASHER, 10	2	2						
14	1	22157-100000	WASHER, 10	2	2						
15	1	26013-100202	BOLT, M10X 20	2	2						
16	1	26013-100202	BOLT, M10X 20	2	2						
17	1	26014-100202	BOLT, M10X 20	2	2						
18	1	26014-100202	BOLT, M10X 20	2	2						

Fig.53. TURNING FRAME(UNDER)



No.	Lev.	Parts No.	Description	(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172C02-61310	COVER ASSY,C/V	1	1				
2	1	172A64-61340	COVER, UNDER EX	1	1				
3	1	172A64-61350	COVER, PUMP UNDER	1	1				
4	1	172A64-61360	COLLAR	1	1				
5	1	172C02-61370	COVER, UNDER R	1	1				
6	1	172C02-61380	COVER, UNDER L	1	1				
7	1	22157-100000	WASHER, 10	1	1				
8	1	26106-100122	BOLT, M10X 12 PLATED	3	3				
9	1	26106-100162	BOLT, M10X 16 PLATED	4	4				
10	1	26106-100162	BOLT, M10X 16 PLATED	2	2				
11	1	26106-100162	BOLT, M10X 16 PLATED	3	3				
12	1	26106-100162	BOLT, M10X 16 PLATED	3	3				
13	1	26106-100202	BOLT, M10X 20 PLATED	1	1				

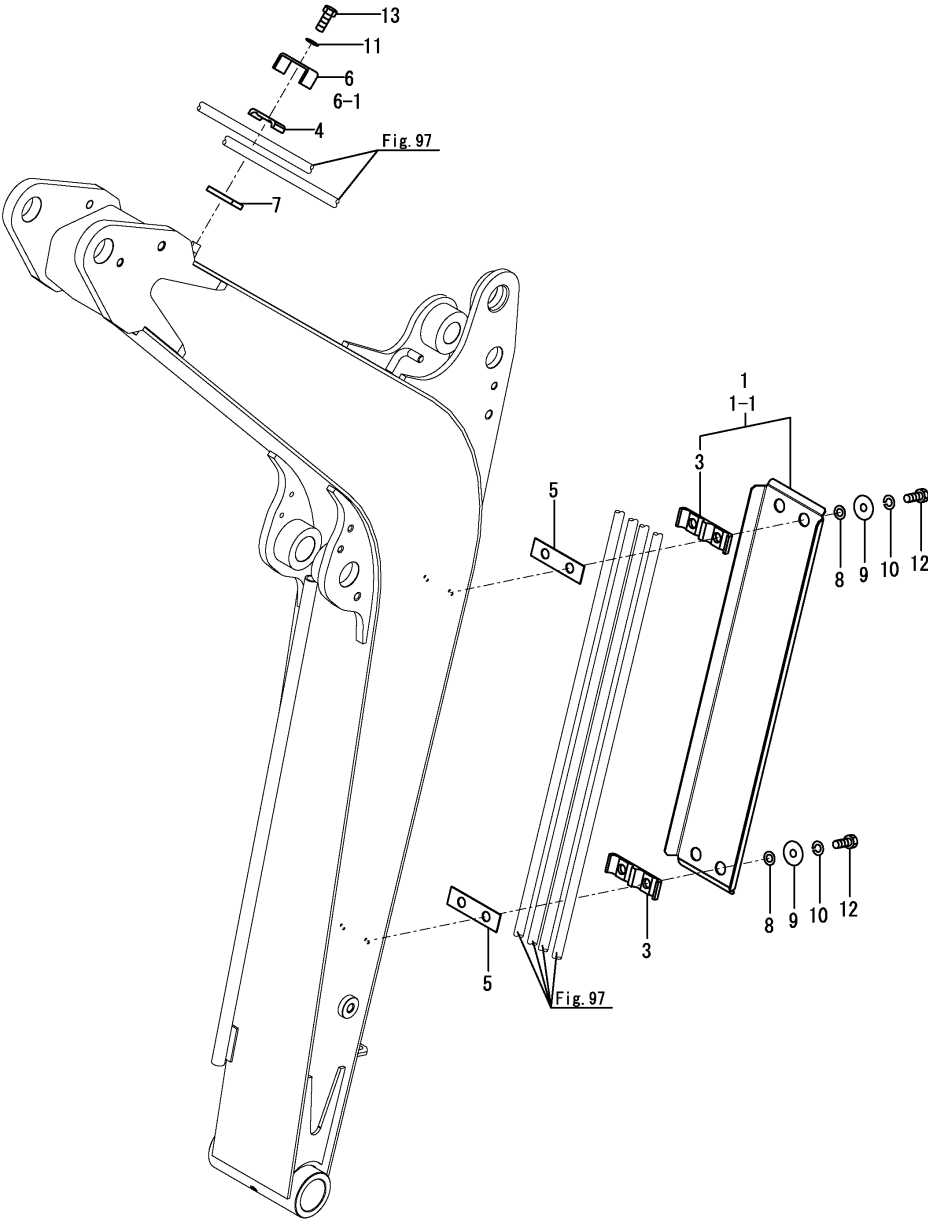


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61610-N	COVER ASSY, BATTERY	1	1						
2	1	172C02-61630	PLATE ASSY, COVER R	1	1						
3	1	172A64-61710-N	COVER, RADIATOR CAP	1	1						
4	1	172C02-61850	PLATE ASSY,COVER L	1	1						
5	1	172B02-69040	HANDLE, LOCK BLACK	1	1						
6	1	26014-080162	BOLT, M8X 16	4	4						
7	1	26014-080162	BOLT, M8X 16	2	2						
8	1	26014-080162	BOLT, M8X 16	2	2						
9	1	26014-080162	BOLT, M8X 16	2	2						
10	1	172C02-61700	COVER,RES CAP	1	1						
11	1	26014-080162	BOLT, M8X 16	2	2						
12	1	172C02-61660	COVER ASSY, FO	1	1						
14	2	172478-65220	RUBBER, EDGE 20	1	1						
15	2	172176-67790	PLUG, RB516	1	1						
16	1	172C02-61820	PLATE, LOCK FO	1	1						
17	1	172B03-66170	CYLINDER ASSY, KEY	1	1						
21	1	26014-080162	BOLT, M8X 16	2	2						
22	1	26347-100002	NUT, M10	1	1						
23	1	172448-08330	CATCH KIT, ROLLER	1	1						

(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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OCK50-M02440 COVER
Fig.55. HOSE(BOOM)

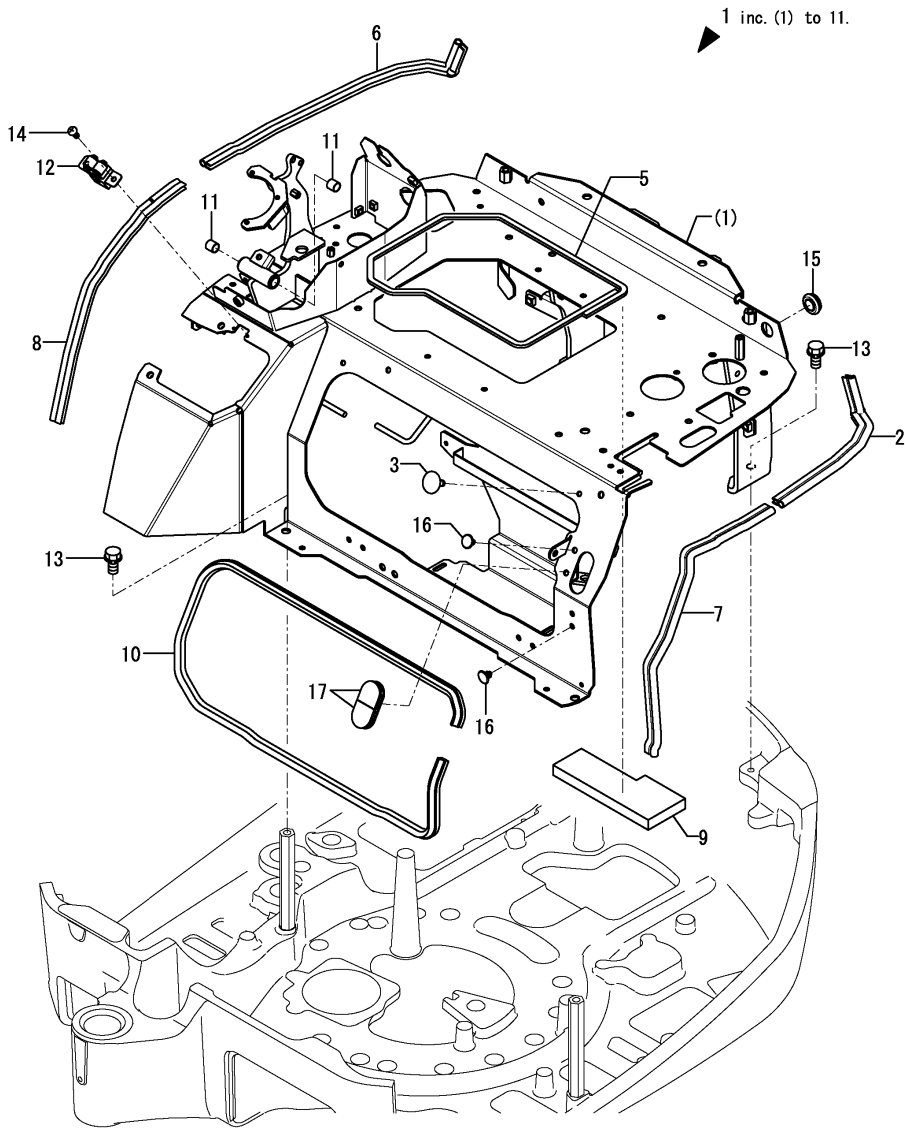


OCK50-M02440 Fig.55

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

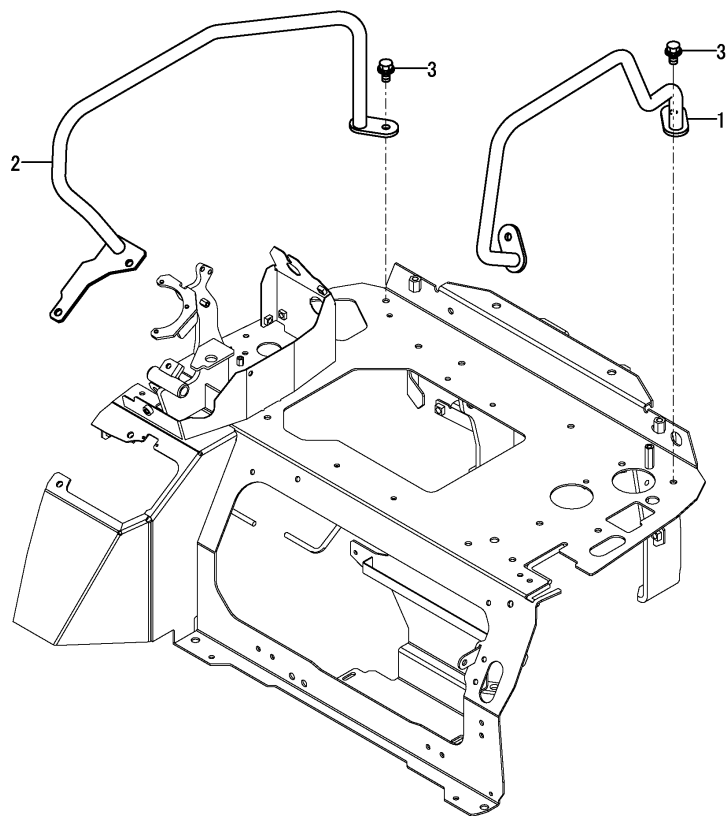
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-61550	COVER ASSY, HOSE	1	1						
1-1	1	172C02-61550-1	COVER ASSY, HOSE	1	1						S
		(A=M11633) (B=M11633)									
3	2	172C02-61570	SUPPORT,HOSE A	2	2						
4	1	172C02-78520	SUPPORT,HOSE B	1	1						
5	1	172C02-78530	PLATE, RUBBER	2	2						
6	1	172446-78750-Y	CLAMP, HOSE	1	1						
6-1	1	172446-78750-4	CLAMP, HOSE	1	1						S
		(A=M11633) (B=M11633)									
7	1	172446-78770	PLATE, RUBBER B	1	1						
8	1	22117-080000	WASHER, 8	4	4						
9	1	22157-080000	WASHER, 8	4	4						
10	1	22217-080000	WASHER, SPRING 8	4	4						
11	1	22217-080000	WASHER, SPRING 8	1	1						
12	1	26116-080162	BOLT, M8X 16 PLATED	4	4						
13	1	26116-080162	BOLT, M8X 16 PLATED	1	1						

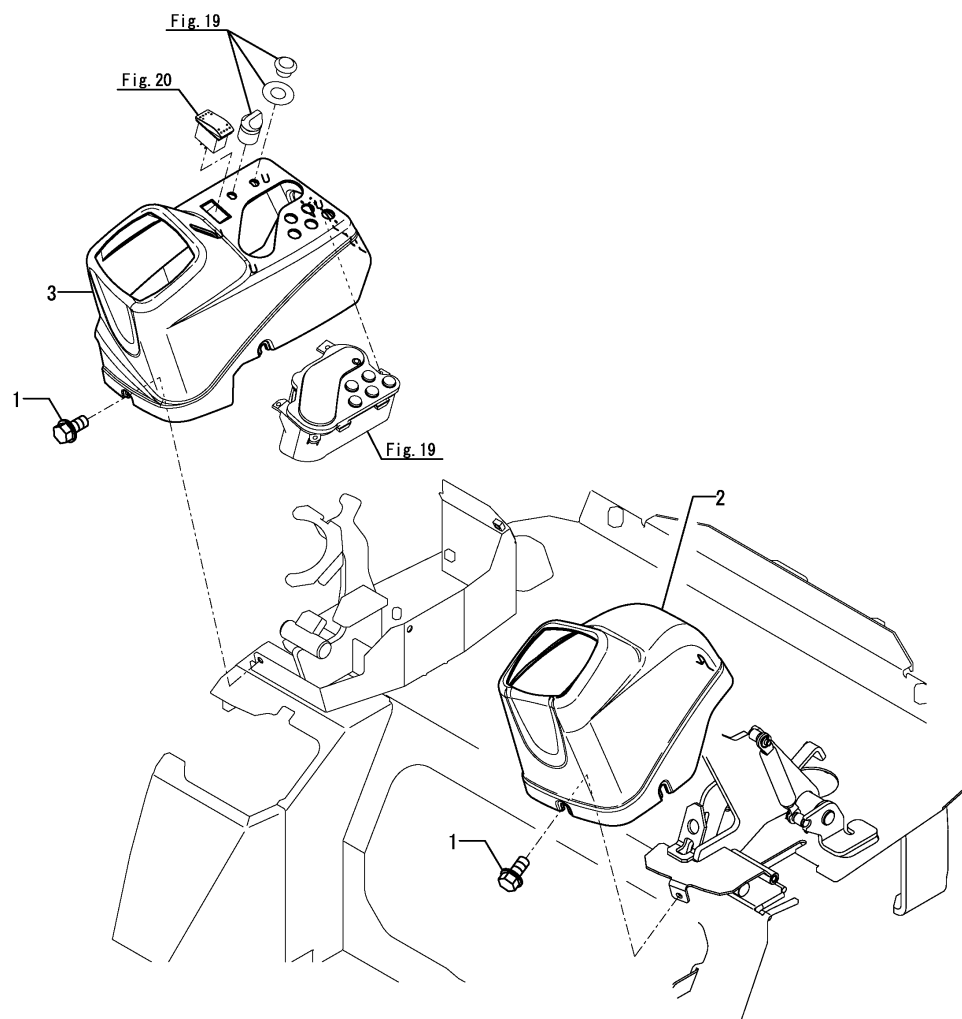


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-64200	MOUNT ASSY,SEAT	1	1						
2	2	172A64-13660	SEAL, A	1	1						
3	2	172122-17190	CLIP, TREE	2	2						
5	2	172B12-64820	SEAL, 1200	1	1						
6	2	172A64-64910	SEAL, 600	1	1						
7	2	172B16-64910	RUBBER, SEAL 545	1	1						
8	2	172A64-64920	SEAL, 480	1	1						
9	2	172C02-64960	SPONGE, SEAT MOUNT	1	1						
10	2	172458-65080	RUBBER, SEAL 1450	1	1						
11	2	24550-014150	BUSH, 14X15	2	2						
12	1	172448-65680	CATCH, ROLLER	1	1						
13	1	26013-120302	BOLT, M12X 30	4	4						
14	1	26557-040082	SCREW, M4X 8	2	2						
15	1	172B16-17180	GROMMET, 26X35X3	1	1						
16	1	172122-17190	CLIP, TREE	4	4						
17	1	172165-62830	GROMMET	2	2						

Fig.57. HANDRAIL



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)
1	1	172C02-64710	PIPE ASSY,HAND HOLD	1	1				
2	1	172A64-64730-N	PIPE ASSY, R	1	1				
3	1	26013-100202	BOLT. M10X 20	5	5				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172519-63240	BOLT, M8X16	6	6						
2	1	172A47-63610	COVER, LEVER L D	1	1						
3	1	172C02-63620	COVER, LEVER R	1	1						

Fig.59. SEAT

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(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	2	2						
2	1	172455-61710	BOLT, BUTTON 8X16	4	4						
3	1	172A64-64070	SEAT ASSY, RECLINING	1	1						
3-1	1	172A64-64071	SEAT ASSY, RECLINING	1	1						N
		(A=M15058) (B=M15058)									
4	2	172A64-64040	HINGE ASSY	1	1						
5	2	172A64-64060	COVER	1	1						
6	2	172A64-64080	HINGE ASSY	1	1						
7	2	172A64-64090	COVER	1	1						
8	2	172B02-64210	SEAT ASSY, BACK	1	1						
9	3	172B02-64270	BOX ASSY,MANUAL	1	1						
12	4	172A89-64950	BAND	1	1						
15	3	22857-500200	SCREW 5X20	4	4						
16	2	172B02-64230	BRACKET ASSY, SEAT	1	1						
17	2	172A89-64780	SEAT, CUSHION	1	1						
18	2	172A89-64800	RAIL ASSY, TL	1	1						
18-1	2	172B02-64900	RAIL ASSY, L	1	1						S
		(A=M15058) (B=M15058)									
18-2	2	172A89-64800	RAIL ASSY, TL	1	1						S
		(A=*2023.02) (B=*2023.02)									
19	2	172A89-64810	RAIL ASSY, TR	1	1						
19-1	2	172B02-64910	RAIL ASSY, R	1	1						S
		(A=M15058) (B=M15058)									
19-2	2	172A89-64810	RAIL ASSY, TR	1	1						S
		(A=*2023.02) (B=*2023.02)									
20	2	172A89-64870	COVER	2	2						
21	2	172A89-64880	LEVER	1	1						
22	2	26106-080252	BOLT, M8X 25 PLATED	4	4						
23	2	26106-100162	BOLT, M10X 16 PLATED	6	6						
24	2	26106-100252	BOLT, M10X 25 PLATED	2	2						
25	2	26557-050202	SCREW, M5X20	1	1						
26	1	172C02-64100	PLATE ASSY, SEAT	1	1						
27	1	172A64-64970	STOPPER,RAIL	1	1						
28	1	26014-100202	BOLT, M10X 20	3	3						
29	1	26014-100252	BOLT, M10X 25	1	1						

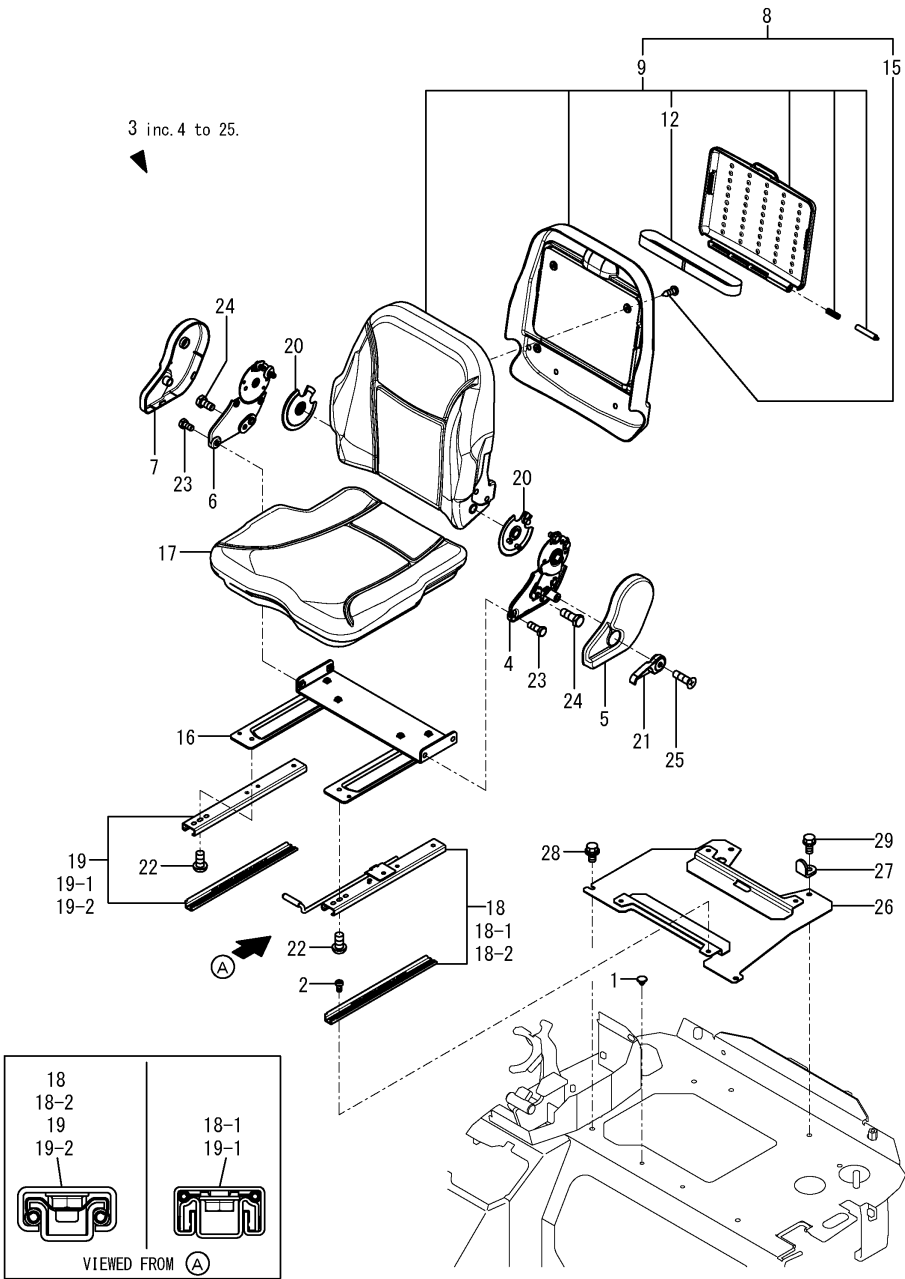
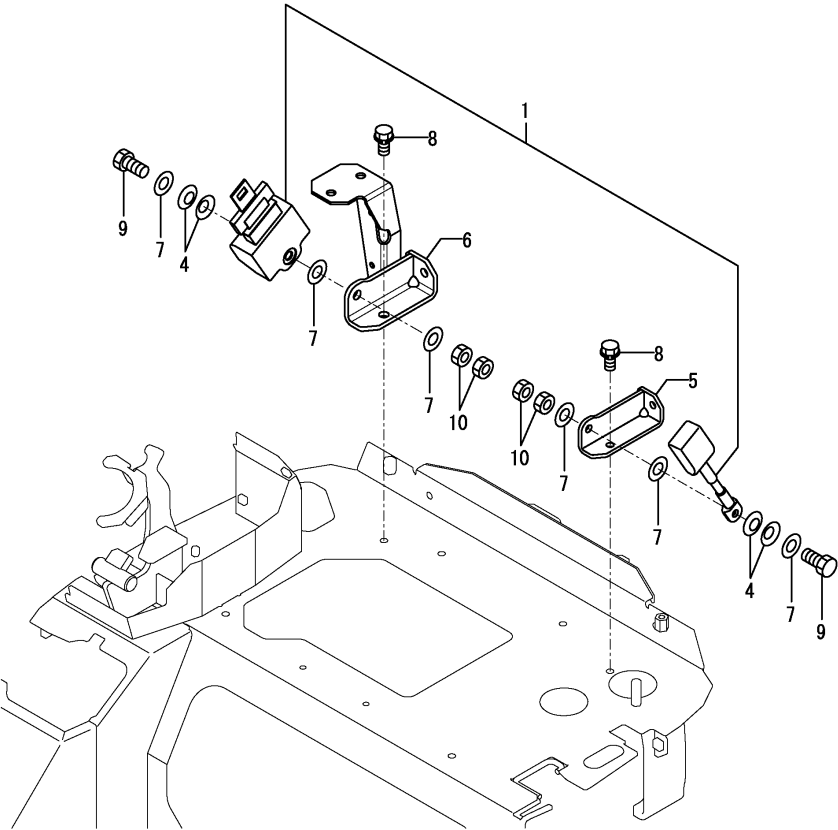


Fig.60. SEAT BELT



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

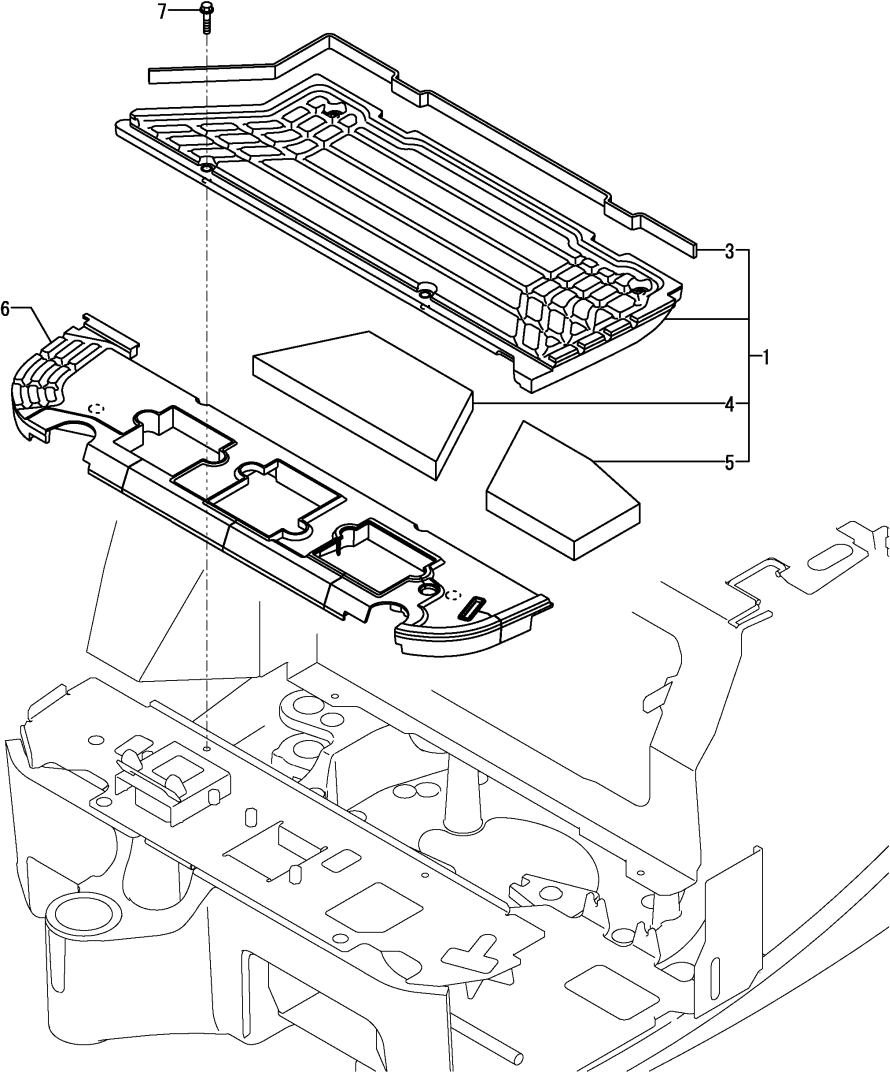
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8160-63401	BELT ASSY, SEAT	1	1						
4	1	172A77-64270	SPRING, DISK 10	4	4						
5	1	172C02-64800	BRACKET, SEAT BELT	1	1						
6	1	172C02-64820	BRACKET ASSY, BELT	1	1						
7	1	22137-100000	WASHER, 10	6	6						
8	1	26014-100252	BOLT, M10X 25	4	4						
9	1	26116-100352	BOLT, M10X 35 PLATED	2	2						
10	1	26716-100002	NUT, M10	4	4						

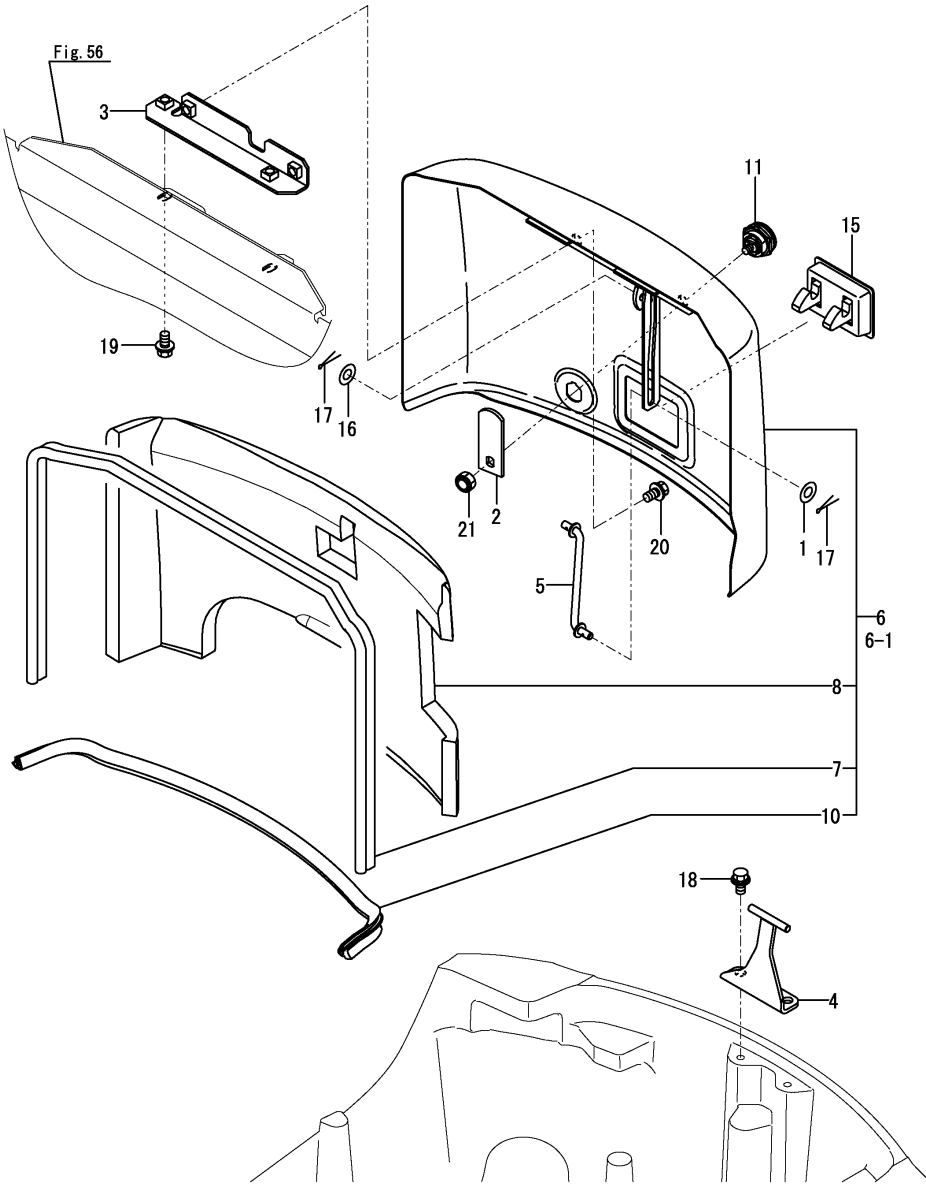
Fig.61. STEP

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-62100	STEP ASSY	1	1						
3	2	172A64-62120	SEAL, STEP	1	1						
4	2	172C02-62130	SPONGE, STEP A	1	1						
5	2	172C02-62140	SPONGE, STEP B	1	1						
6	1	172A64-62270	MAT, FLOOR	1	1						
7	1	172448-62400	BOLT, M8X35	4	4						

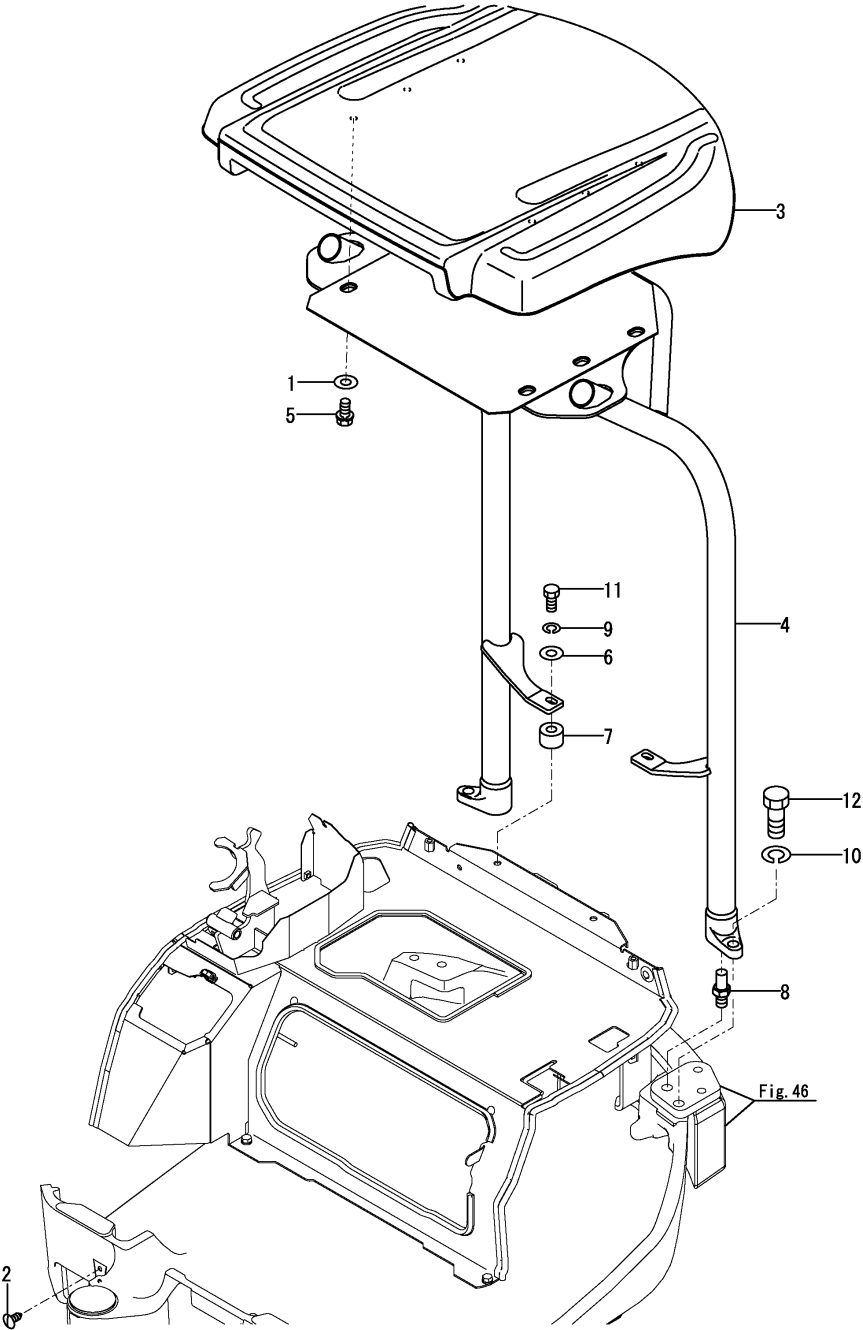




No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1380-62160	WASHER, BELT COVER	1	1						
2	1	172C02-65180	PLATE, LOCK	1	1						
3	1	172A64-65200-N	MOUNT ASSY, BONNET	1	1						
4	1	172A64-65250	LOCK ASSY	1	1						
5	1	172A64-65300	ROD ASSY, STOPPER	1	1						
6	1	172C02-65600	BONNET ASSY, A	1	1						
6-1	1	172C02-65600-1	BONNET ASSY, A	1	1						S
(A=M11633) (B=M11633)											
7	2	172A64-65160	SEAL, 1170	1	1						
7-1	2	172C02-65160	SEAL, 1150	1	1						N
(A=M13566) (B=M15493)											
8	2	172C02-65270	SPONGE, BONNET A	1	1						
10	2	172649-65770	RUBBER, SEAL C	1	1						
11	1	172B03-66170	CYLINDER ASSY, KEY	1	1						
15	1	172B02-69040	HANDLE, LOCK BLACK	1	1						
16	1	22137-080000	WASHER, 8	1	1						
17	1	22417-200200	PIN, COTTER 2.0X20	2	2						
18	1	26014-100202	BOLT, M10X 20	2	2						
19	1	26014-100202	BOLT, M10X 20	2	2						
20	1	26014-100252	BOLT, M10X 25	2	2						
21	1	26347-100002	NUT, M10	1	1						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

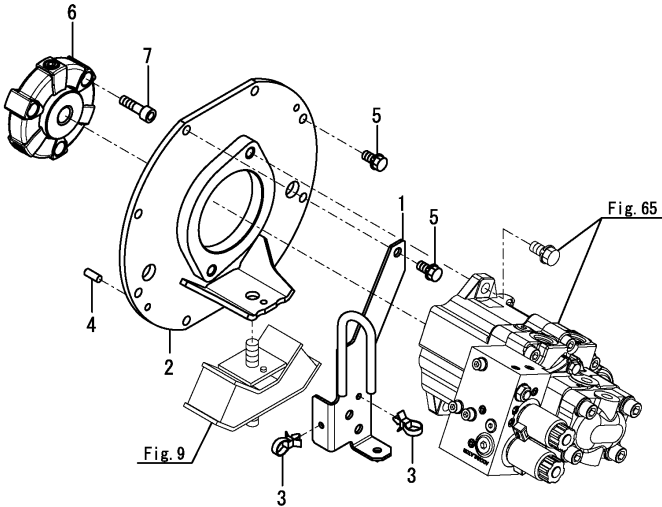


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER, 12	6	6						
2	1	172122-17190	CLIP, TREE	2	2						
3	1	172A64-67000	ROOF ASSY, CANOPY D	1	1						
4	1	172A64-68111-N	CANOPY ASSY, TOPS HG	1	1						
5	1	26013-120302	BOLT, M12X 30	6	6						
6	1	172730-05250	WASHER, 12	2	2						
7	1	172A64-53450	SPACER, R	2	2						
8	1	172A64-68290	JOINT, 21-M20X48	2	2						
9	1	22217-120000	WASHER, SPRING 12	2	2						
10	1	22217-200000	WASHER, SPRING 20	2	2						
11	1	26076-120602	BOLT, 12 X 60	2	2						
12	1	26076-200702	BOLT, 10.920X 70	2	2						

Fig.64. HYDRAULIC PUMP MOUNT & JOINT

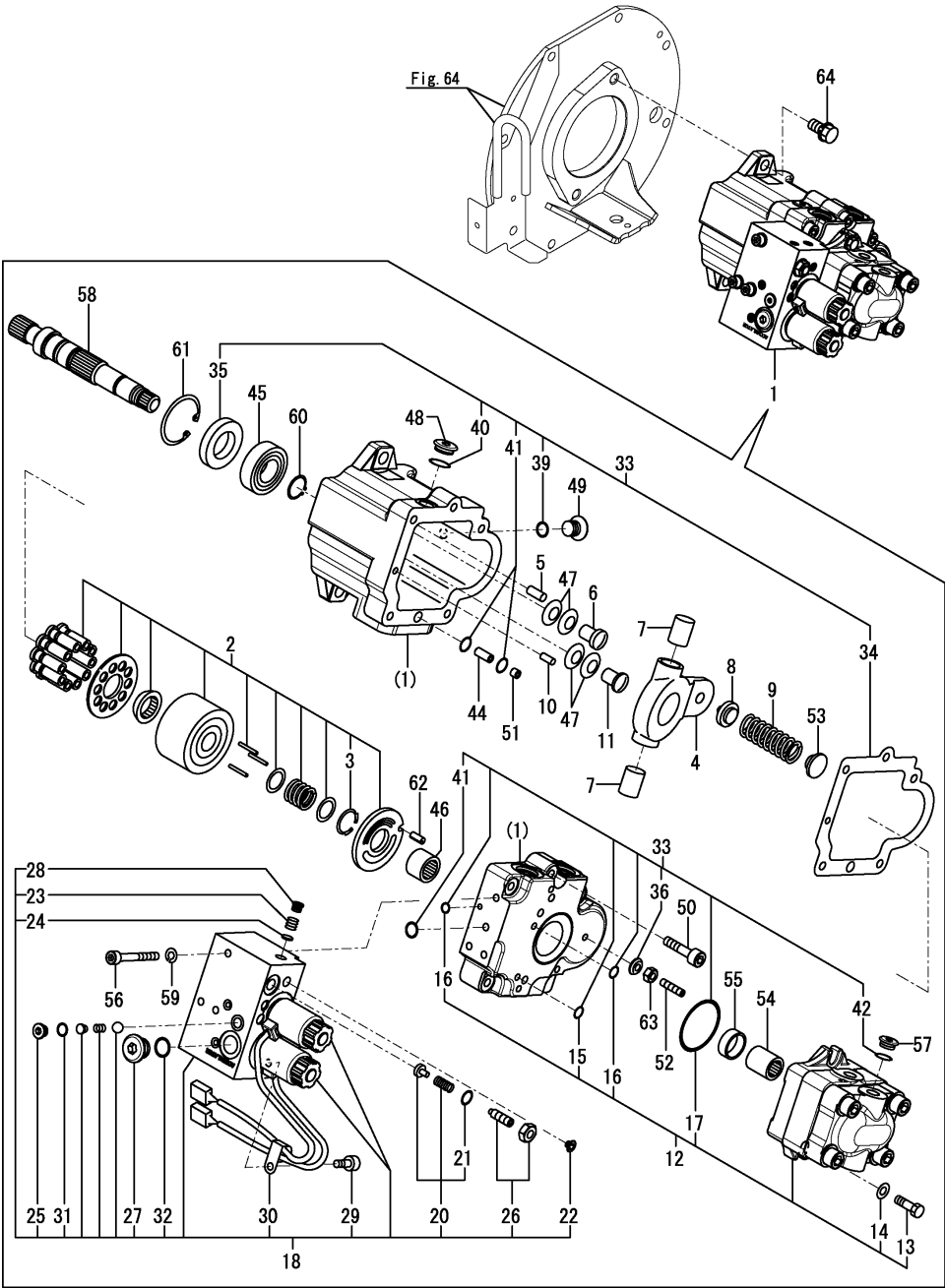
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(B)=VIO17-1B(KR)
(C)=

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



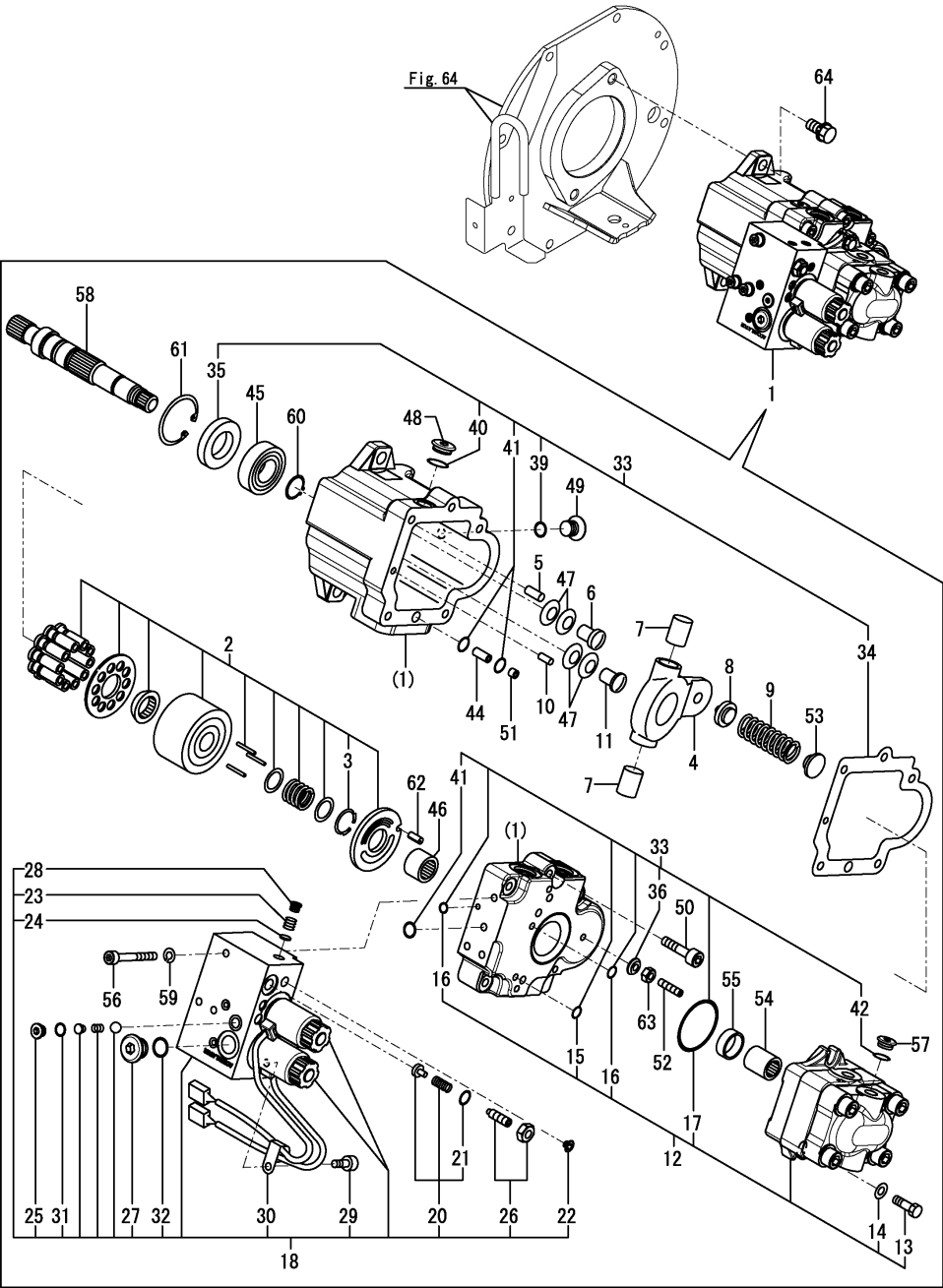
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-71212	GUIDE ASSY,HOSE	1	1						
2	1	172A64-71300	MOUNT ASSY, PUMP	1	1						
3	1	1E8775-84120	CLAMP, BAND B	1	1						
4	1	22312-080200	PIN, PARALLEL M8X20	2	2						
5	1	26013-100252	BOLT, M10X 25	8	8						
6	1	172448-71201	COUPLING	1	1						
7	1	26450-100352	BOLT, M10X 35	3	3						

Fig.65. HYDRAULIC PUMP



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73200	PUMP ASSY, PVD	1	1						
2	2	172A23-73110	BARREL KIT, CYLINDER	1	1						
3	3	172448-73190	SNAP RING	1	1						
4	2	172422-73140	PLATE, SWASH	1	1						
5	2	172B16-73140	ROD, G	2	2						
6	2	172B16-73150	PIN, STOPPER A	1	1						
7	2	172422-73160	PIN, SWING	2	2						
8	2	172422-73200	HOLDER	1	1						
9	2	172A64-73210	SPRING, T1 PVD	1	1						
10	2	172422-73220	PIN	1	1						
11	2	172A64-73220	PIN, STOPPER B PVD	1	1						
12	2	172A64-73230	PUMP KIT, GEAR PVD	1	1						
13	3	172450-73120	BOLT, HEXAGON 8X25	2	2						
14	3	172450-73130	WASHER	2	2						
15	3	24315-000070	O-RING, 1BP7.0	1	1						
16	3	24315-000080	O-RING, 1BP8.0	2	2						
17	3	24325-000550	O-RING, 1BG55.0	1	1						
18	2	172A64-73242	VALVE KIT,SOL PVD	1	1						
20	3	172A64-73280	RELIEF KIT	1	1						
21	4	24315-000100	O-RING, 1BP10.0	1	1						
22	3	172422-73550	PLUG	7	7						
23	3	172422-73620	SPRING	1	1						
24	3	172422-73630	FILTER, COIN	1	1						
25	3	172458-73630	PLUG	1	1						
26	3	172422-73640	ADJUSTER KIT	1	1						
27	3	172458-73640	PLUG	1	1						
28	3	172422-73650	PLUG	2	2						
29	3	172422-73660	BOLT, HEX SOCKET	1	1						
30	3	172422-73670	BAND, BANDING	1	1						
31	3	24315-000080	O-RING, 1BP8.0	1	1						
32	3	24315-000140	O-RING, 1BP14.0	1	1						
33	2	172A64-73260	SEAL KIT, PVD	1	1						
34	3	172422-73170	GASKET	1	1						
35	3	172422-73510	SEAL, OIL	1	1						
36	3	172422-73570	WASHER, SEAL	1	1						
39	3	24315-000110	O-RING, 1BP11.0	1	1						
40	3	24315-000110	O-RING, 1BP11.0	1	1						
41	3	24315-000120	O-RING, 1BP12.0	3	3						
42	3	24315-000140	O-RING, 1BP14.0	1	1						
44	2	172422-73280	PIN	1	1						
45	2	172422-73290	BEARING, BALL	1	1						
46	2	172422-73500	BEARING, NEEDLE	1	1						
47	2	172422-73520	SPRING	4	4						
48	2	172422-73530	PLUG	1	1						
49	2	172422-73530	PLUG	1	1						
50	2	172422-73540	BOLT, HEX SOCKET	5	5						
51	2	172422-73550	PLUG	5	5						
52	2	172422-73560	SCREW, HEX. SOCKET	1	1						
53	2	172458-73570	GUIDE, SPRING	1	1						
54	2	172422-73580	COUPLING	1	1						
55	2	172422-73590	COLLAR	1	1						

Fig.65. HYDRAULIC PUMP

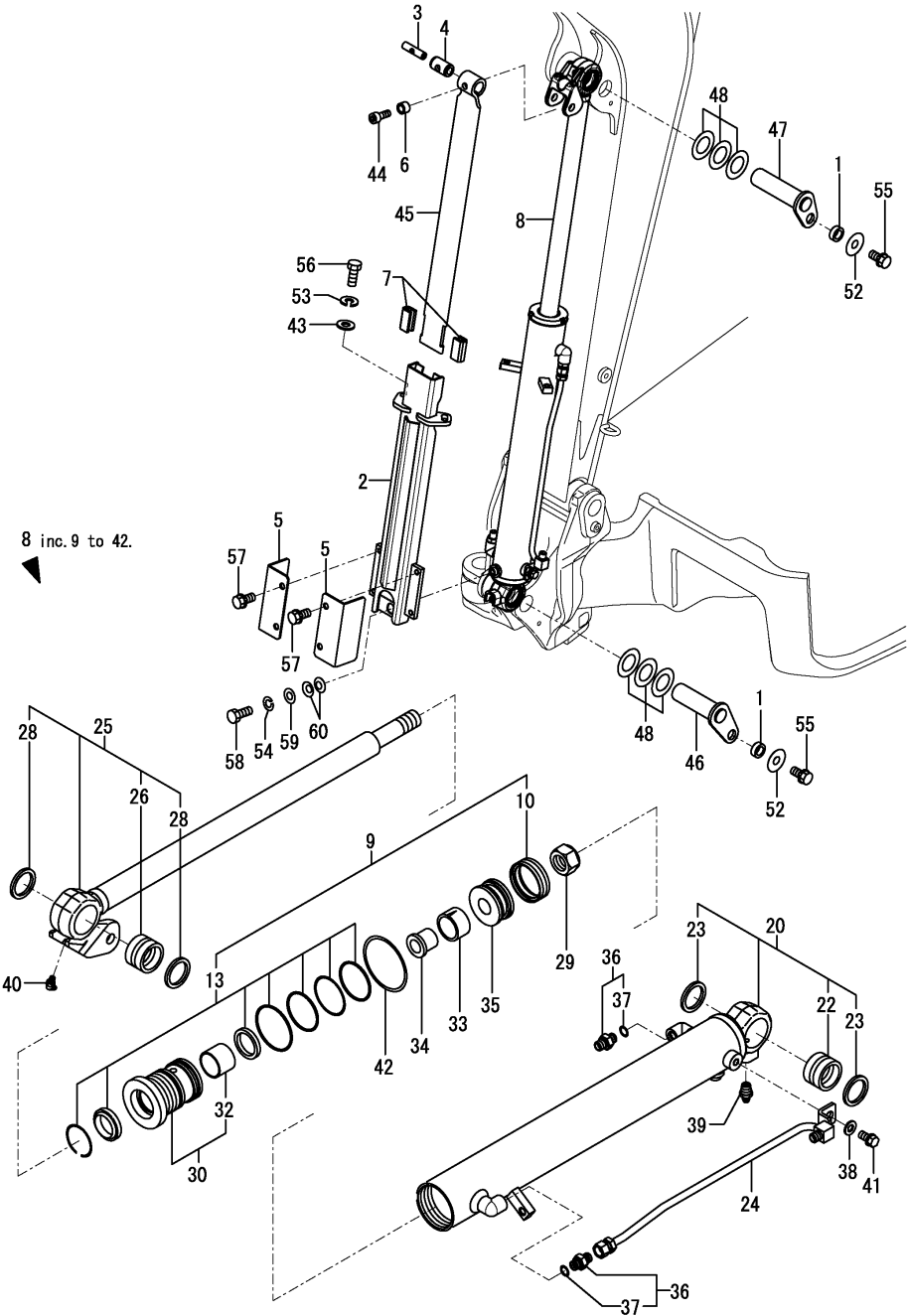


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

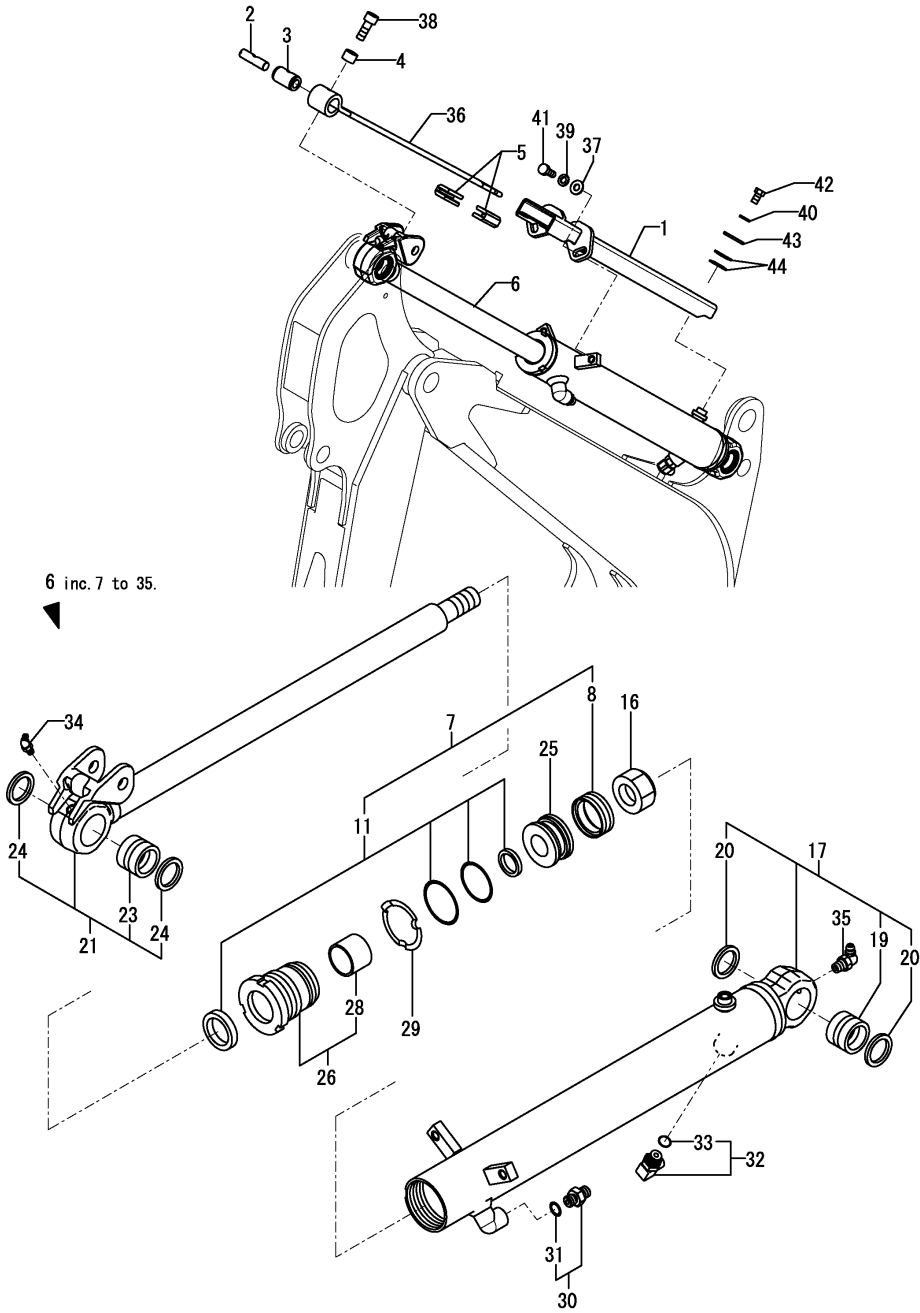
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	2	172422-73610	BOLT, HEX SOCKET	3	3						
57	2	172458-73640	PLUG	1	1						
58	2	172458-73660	SHAFT	1	1						
59	2	22212-080000	WASHER 8	3	3						
60	2	22242-000250	RING, 25	1	1						
61	2	22252-000520	RING, 52	1	1						
62	2	22351-060016	PIN, SPRING 6.0X16	1	1						
63	2	26711-080002	NUT, M8	1	1						
64	1	26013-120352	BOLT, M12X 35	2	2						

Fig.66. BOOM CYLINDER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172C02-71900	GUIDE ASSY, 545	1	1						
3	1	172A23-72043	SHAFT, 14X53	1	1						
4	1	172A23-72052	GROMMET	1	1						
5	1	172A64-72051-N	COVER, CYLINDER	2	2						
6	1	172A46-72070	SPACER	1	1						
7	1	172A23-72081	GUIDE, SLIDE	2	2						
8	1	172C02-72100	CYLINDER ASSY,BOOM	1	1						
9	2	172C02-70010	SEAL KIT, CYL.60X35	1	1						
10	3	172A64-70140	SEAL SET, RGU-60	1	1						
13	3	172A64-72030	SEAL SET, HEAD 65X35	1	1						
20	2	172C02-72110	TUBE ASSY, BOOM	1	1						
22	3	172A64-72190	BUSH, 35-45-30	1	1						
23	3	172448-81610	SEAL, DUST 35X45X4	2	2						
24	2	172C02-72150	PIPE ASSY, BOOM	1	1						
25	2	172C02-72200	ROD ASSY, BOOM	1	1						
26	3	172A64-72190	BUSH, 35-45-30	1	1						
28	3	172448-81610	SEAL, DUST 35X45X4	2	2						
29	2	172A64-72230	U-NUT, M24X1.5	1	1						
30	2	172149-72242	HEAD ASSY, 60 35	1	1						
32	3	24550-035300	BUSH, 35X30	1	1						
33	2	172A64-72240	PLUNGER, CUSHION 41	1	1						
34	2	172449-72350	COLLAR, 41	1	1						
35	2	172A20-72431	PISTON, 60 24-28	1	1						
36	2	172123-76122	ADAPTER PF1/2	2	2						
37	3	24319-000110	PACKING,HNBR-90 P 11	2	2						
38	2	22137-100000	WASHER, 10	1	1						
39	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
40	2	24761-040000	NIPPLE, GREASE B	1	1						
41	2	26013-100202	BOLT, M10X 20	1	1						
42	2	933125-59600	WASHER, LOCK 60 B	1	1						
43	1	172A79-72570	WASHER, 10.5X24X4.5	2	2						
44	1	172A47-72840	BOLT, M6X16	1	1						
45	1	172A23-72951-N	PLATE, SLIDE 585	1	1						
46	1	172A64-82620	PIN ASSY, 35X110	1	1						
47	1	172A64-82760	PIN ASSY, 35X127	1	1						
48	1	172141-84601	SHIM ASSY, 35	2	2						
52	1	22157-100000	WASHER, 10	2	2						
53	1	22217-100000	WASHER, SPRING 10	2	2						
54	1	22217-100000	WASHER, SPRING 10	1	1						
55	1	26013-100252	BOLT, M10X 25	2	2						
56	1	26076-100252	BOLT, 10.910X 25	2	2						
57	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
58	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
59	1	933147-03400	WASHER, BRAKE ARM	1	1						
60	1	933168-14170	SPRING, 16	2	2						

Fig.67. ARM CYLINDER

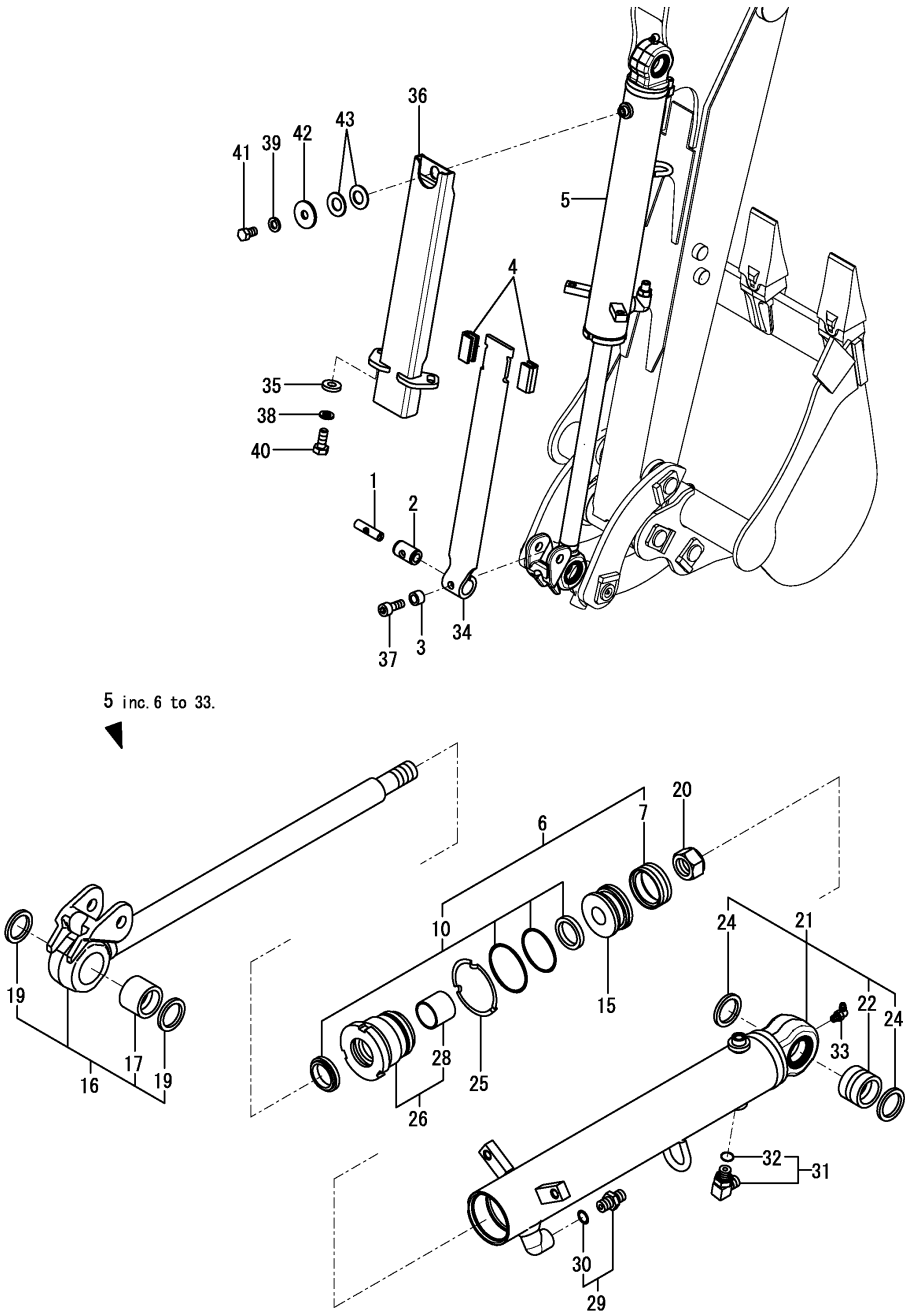


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-71950	GUIDE ASSY, 527	1	1						
2	1	172A23-72043	SHAFT, 14X53	1	1						
3	1	172A23-72052	GROMMET	1	1						
4	1	172A46-72070	SPACER	1	1						
5	1	172A23-72081	GUIDE, SLIDE	2	2						
6	1	172C02-72300	CYLINDER ASSY, ARM	1	1						
7	2	172C02-70030	SEAL KIT, CYL.55X35	1	1						
8	3	172A64-70110	SEAL SET, RGU-55	1	1						
11	3	172449-72020	SEAL SET, HEAD 55X35	1	1						
16	2	172141-72250	U-NUT, M27	1	1						
17	2	172C02-72310	TUBE ASSY, ARM	1	1						
19	3	172149-72440	BUSH, PIN 30X30A	1	1						
20	3	172448-81600	SEAL, DUST 30X40X4	2	2						
21	2	172A64-72350	ROD ASSY, ARM	1	1						
23	3	172149-72440	BUSH, PIN 30X30A	1	1						
24	3	172448-81600	SEAL, DUST 30X40X4	2	2						
25	2	172A64-72391	PISTON, 55 27-28	1	1						
26	2	172449-72410	HEAD ASSY, 55 35 B	1	1						
28	3	24550-035300	BUSH, 35X30	1	1						
29	2	172173-72550	WASHER, LOCK 55	1	1						
30	2	172123-76122	ADAPTER PF1/2	1	1						
31	3	24319-000110	PACKING,HNBR-90 P 11	1	1						
32	2	172A64-76180	ELBOW,G1/4-1/4	1	1						
33	3	41851-000110	O-RING, P11.0 HNBR	1	1						
34	2	24761-040000	NIPPLE, GREASE B	1	1						
35	2	24761-050000	NIPPLE, GREASE C	1	1						
36	1	172C02-72360	PLATE, SLIDE 510	1	1						
37	1	172A79-72570	WASHER, 10.5X24X4.5	2	2						
38	1	172A47-72840	BOLT, M6X16	1	1						
39	1	22217-100000	WASHER, SPRING 10	2	2						
40	1	22217-100000	WASHER, SPRING 10	1	1						
41	1	26076-100252	BOLT, 10.910X 25	2	2						
42	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
43	1	933147-03400	WASHER, BRAKE ARM	1	1						
44	1	933168-14170	SPRING, 16	2	2						

Fig.68. BUCKET CYLINDER



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

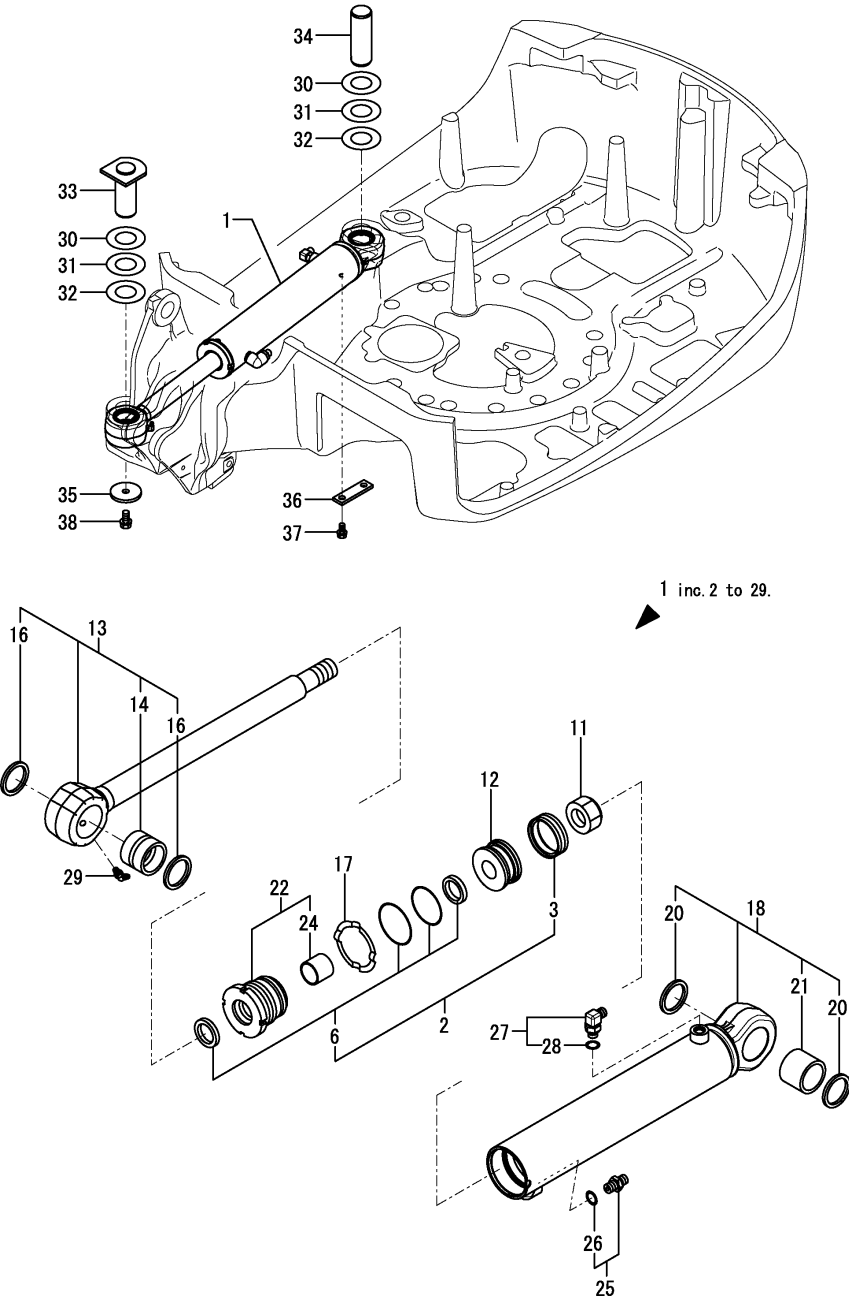
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72043	SHAFT, 14X53	1	1						
2	1	172A23-72052	GROMMET	1	1						
3	1	172A46-72070	SPACER	1	1						
4	1	172A23-72081	GUIDE, SLIDE	2	2						
5	1	172C02-72500	CYLINDER ASSY,BUCKET	1	1						
6	2	172C02-70050	SEAL KIT, CYL.55X30	1	1						
7	3	172A64-70110	SEAL SET, RGU-55	1	1						
10	3	172A64-72040	SEAL SET, HEAD 55X30	1	1						
15	2	172A64-72441	PISTON, 55 22-28	1	1						
16	2	172A64-72450	ROD ASSY, BUCKET	1	1						
17	3	172149-72440	BUSH, PIN 30X30A	1	1						
19	3	172448-81600	SEAL, DUST 30X40X4	2	2						
20	2	172A64-72490	U-NUT, M22X1.5	1	1						
21	2	172C02-72510	TUBE ASSY, BUCKET	1	1						
22	3	172149-72440	BUSH, PIN 30X30A	1	1						
24	3	172448-81600	SEAL, DUST 30X40X4	2	2						
25	2	172173-72550	WASHER, LOCK 55	1	1						
26	2	172449-72560	HEAD ASSY, 55 30	1	1						
28	3	24550-030300	BUSH, 30X30	1	1						
29	2	172123-76122	ADAPTER PF1/2	1	1						
30	3	24319-000110	PACKING,HNBR-90 P 11	1	1						
31	2	172A64-76180	ELBOW,G1/4-1/4	1	1						
32	3	41851-000110	O-RING, P11.0 HNBR	1	1						
33	2	24761-050000	NIPPLE, GREASE C	1	1						
34	1	172C02-72560	PLATE, SLIDE 440	1	1						
35	1	172A79-72570	WASHER, 10.5X24X4.5	2	2						
36	1	172C02-72570	GUIDE ASSY, 445	1	1						
37	1	172A47-72840	BOLT, M6X16	1	1						
38	1	22217-100000	WASHER, SPRING 10	2	2						
39	1	22217-100000	WASHER, SPRING 10	1	1						
40	1	26076-100252	BOLT, 10.910X 25	2	2						
41	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
42	1	933147-03400	WASHER, BRAKE ARM	1	1						
43	1	933168-14170	SPRING, 16	2	2						

Fig.69. SWING CYLINDER

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-72600	CYLINDER ASSY, SWING	1	1						
2	2	172C02-70060	SEAL KIT, CYL.65X35	1	1						
3	3	172A64-70170	SEAL SET, RGU-65	1	1						
6	3	172449-72040	SEAL SET, HEAD 65X35	1	1						
11	2	172141-72250	U-NUT, M27	1	1						
12	2	172A64-72541	PISTON, 65 27-31	1	1						
13	2	172A64-72550	ROD ASSY, SWING	1	1						
14	3	172168-72410	BUSH, 40-50-40	1	1						
16	3	172448-72650	SEAL, DUST 40X50X4	2	2						
17	2	172142-72560	WASHER, LOCK 65	1	1						
18	2	172C02-72610	TUBE ASSY, SWING	1	1						
20	3	172448-72650	SEAL, DUST 40X50X4	2	2						
21	3	172458-72741	BUSH, 40X40SO	1	1						
22	2	172449-72810	HEAD ASSY, 65 35	1	1						
24	3	24550-035300	BUSH, 35X30	1	1						
25	2	172123-76122	ADAPTER PF1/2	1	1						
26	3	24319-000110	PACKING,HNBR-90 P 11	1	1						
27	2	172A64-76180	ELBOW,G1/4-1/4	1	1						
28	3	41851-000110	O-RING, P11.0 HNBR	1	1						
29	2	24761-050000	NIPPLE, GREASE C	1	1						
30	1	172165-82580	SHIM, 40X75X0.5	2	2						
31	1	172165-82590	SHIM, 40X75X1.2	2	2						
32	1	172165-82600	SHIM, 40X75X1.6	2	2						
33	1	172A64-82650	PIN ASSY, 40X96	1	1						
34	1	172A64-82670	PIN, 40X120	1	1						
35	1	172146-82910	SPACER	1	1						
36	1	172117-83970-7	PLATE, LOCK	1	1						
37	1	26013-100202	BOLT, M10X 20	2	2						
38	1	26013-120252	BOLT, M12X 25	1	1						

Fig.70. BLADE CYLINDER

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-72800	CYLINDER ASSY, BLADE	1	1						
2	2	172C02-70080	SEAL KIT, CYL.60X30	1	1						
3	3	172A64-70140	SEAL SET, RGU-60	1	1						
6	3	172A64-72020	SEAL SET, HEAD 60X30	1	1						
11	2	172A64-72490	U-NUT, M22X1.5	1	1						
12	2	172A64-72641	PISTON, 60 22-28	1	1						
13	2	172A64-72651	ROD ASSY, BLADE	1	1						
14	3	172149-72440	BUSH, PIN 30X30A	1	1						
16	3	172448-81600	SEAL, DUST 30X40X4	2	2						
17	2	172C02-72810	TUBE ASSY, BLADE	1	1						
18	3	172149-72440	BUSH, PIN 30X30A	1	1						
20	3	172448-81600	SEAL, DUST 30X40X4	2	2						
21	2	172447-72860	HEAD ASSY, 60 30	1	1						
23	3	24550-030300	BUSH, 30X30	1	1						
24	2	172123-76122	ADAPTER PF1/2	2	2						
25	3	24319-000110	PACKING,HNBR-90 P 11	2	2						
26	2	933125-59600	WASHER, LOCK 60 B	1	1						
27	1	172C02-72950	COVER ASSY, BLADE	1	1						
28	1	26106-100162	BOLT, M10X 16 PLATED	2	2						

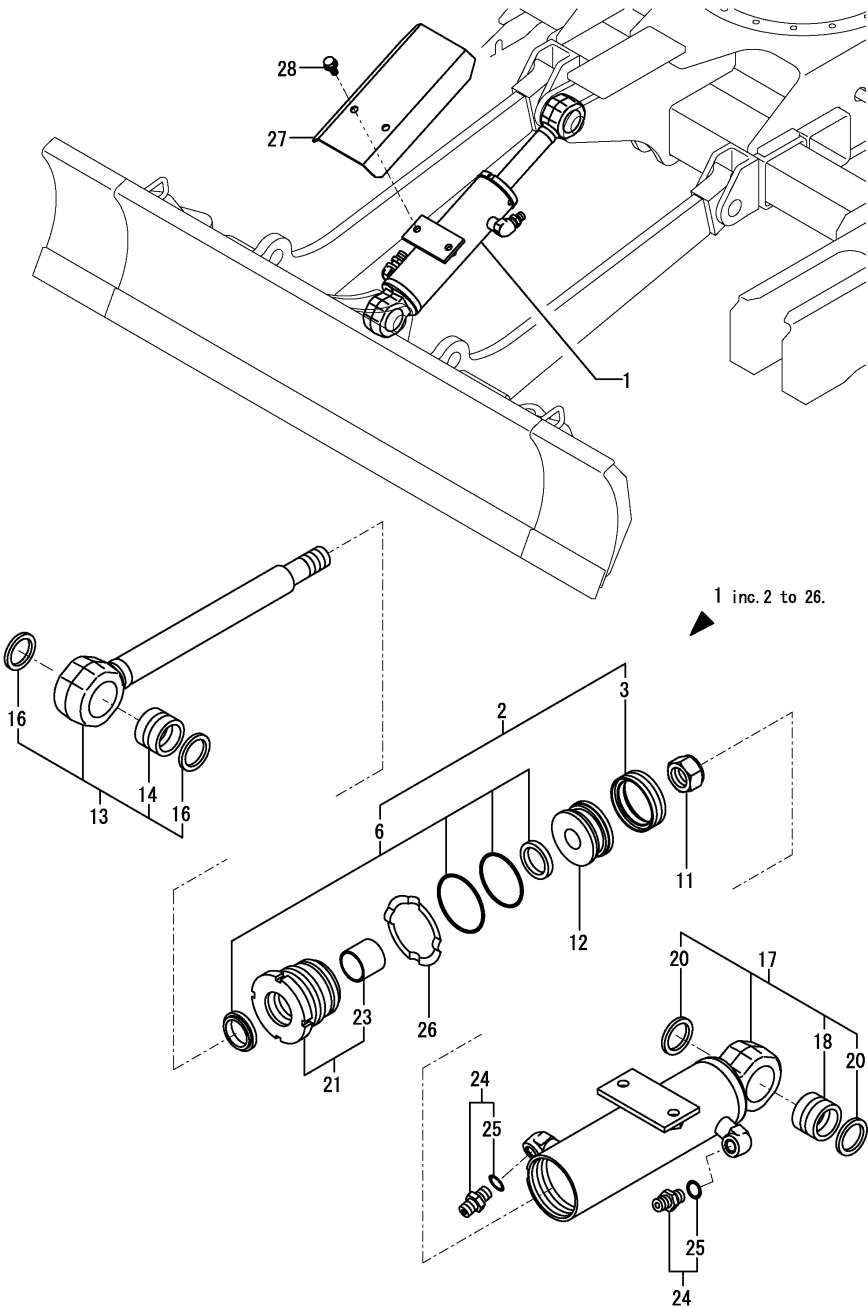
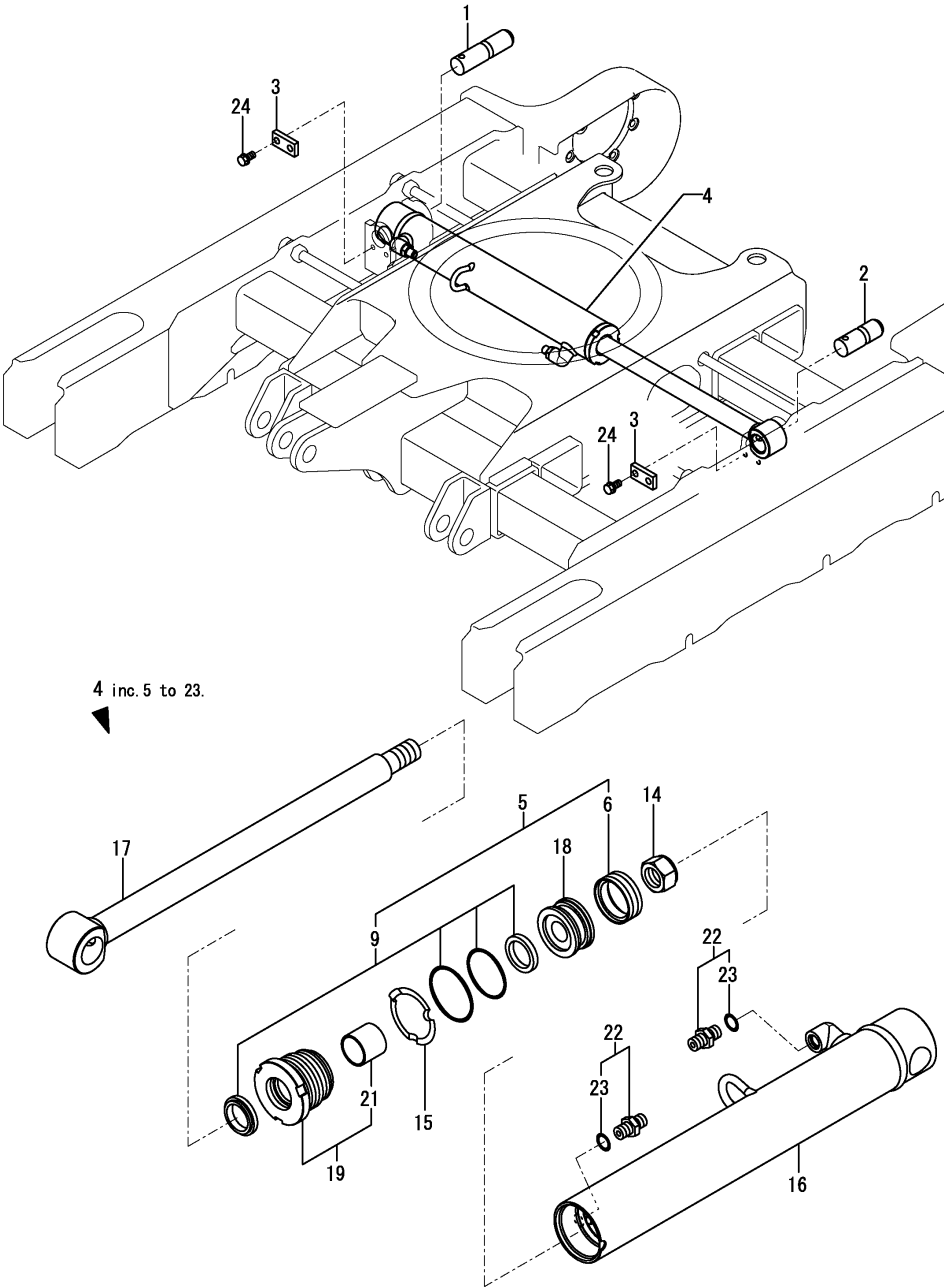


Fig.71. VARIABLE LEG WIDEN / SHORTEN CYLINDER

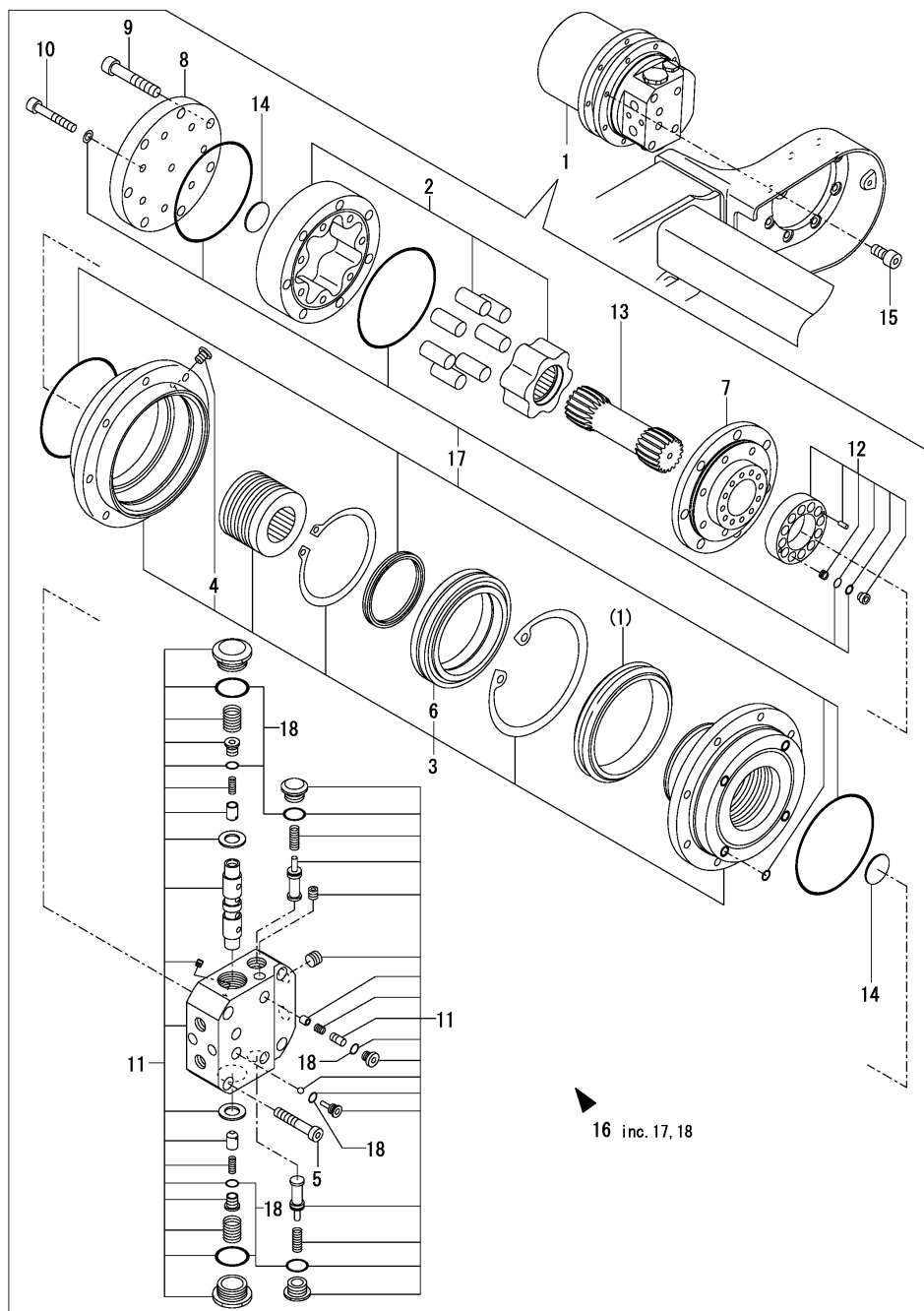
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

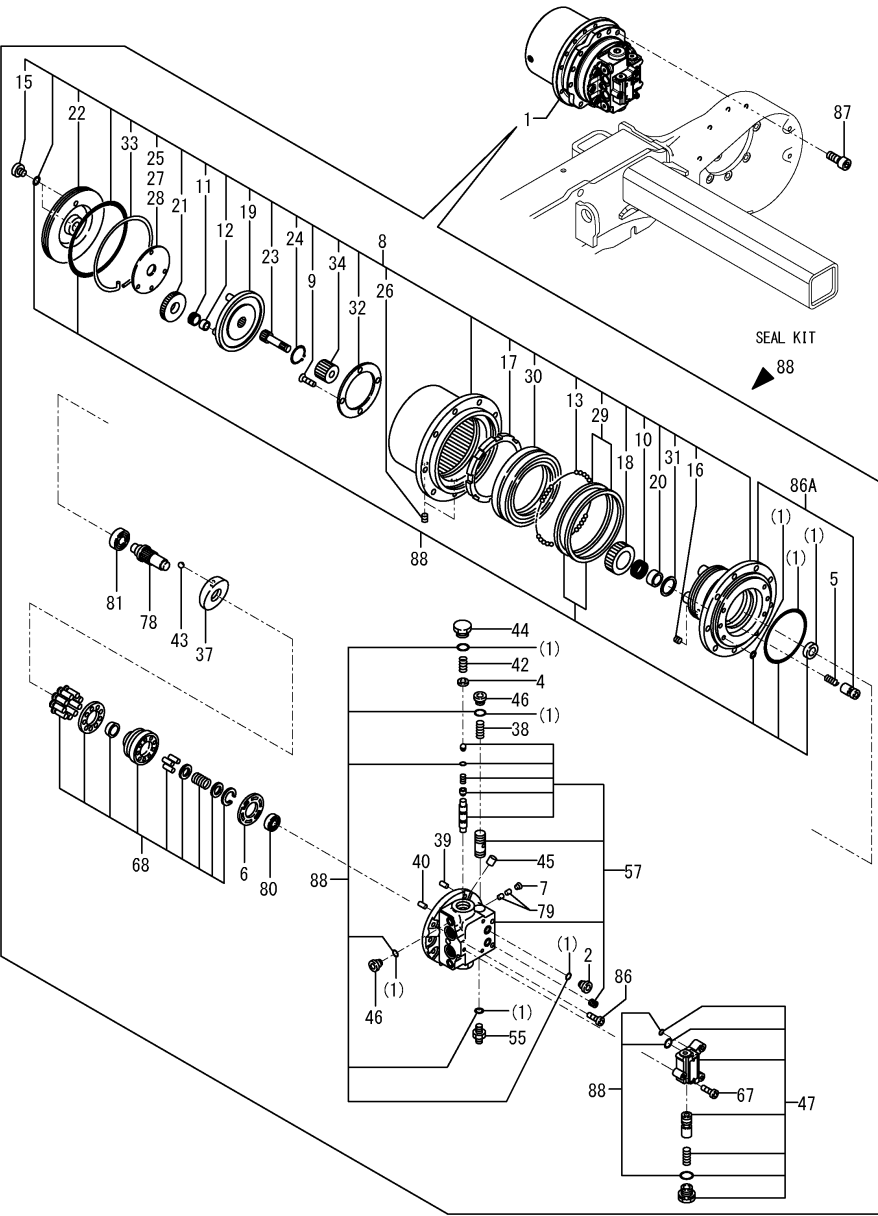


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-50720	PIN, 30X95	1	1						
2	1	172A64-50730	PIN, 30X65	1	1						
3	1	172A64-50770	PLATE, LOCK	2	2						
4	1	172C02-72700	CYLINDER ASSY, VR	1	1						
5	2	172C02-70070	SEAL KIT, CYL.55X30	1	1						
6	3	172A64-70110	SEAL SET, RGU-55	1	1						
9	3	172A64-72040	SEAL SET, HEAD 55X30	1	1						
14	2	172A64-72490	U-NUT, M22X1.5	1	1						
15	2	172173-72550	WASHER, LOCK 55	1	1						
16	2	172C02-72710	TUBE ASSY, VARIABLE	1	1						
17	2	172A64-72750	ROD ASSY, VARIABLE	1	1						
18	2	172C02-72780	PISTON, 55 22	1	1						
19	2	172A64-72810	HEAD ASSY, 55 30	1	1						
21	3	24550-030300	BUSH, 30X30	1	1						
22	2	172123-76122	ADAPTER PF1/2	2	2						
23	3	24319-000110	PACKING,HNBR-90 P 11	2	2						
24	1	26014-100252	BOLT, M10X 25	4	4						

Fig.72. TRAVEL MOTOR(STANDARD SPEC.)

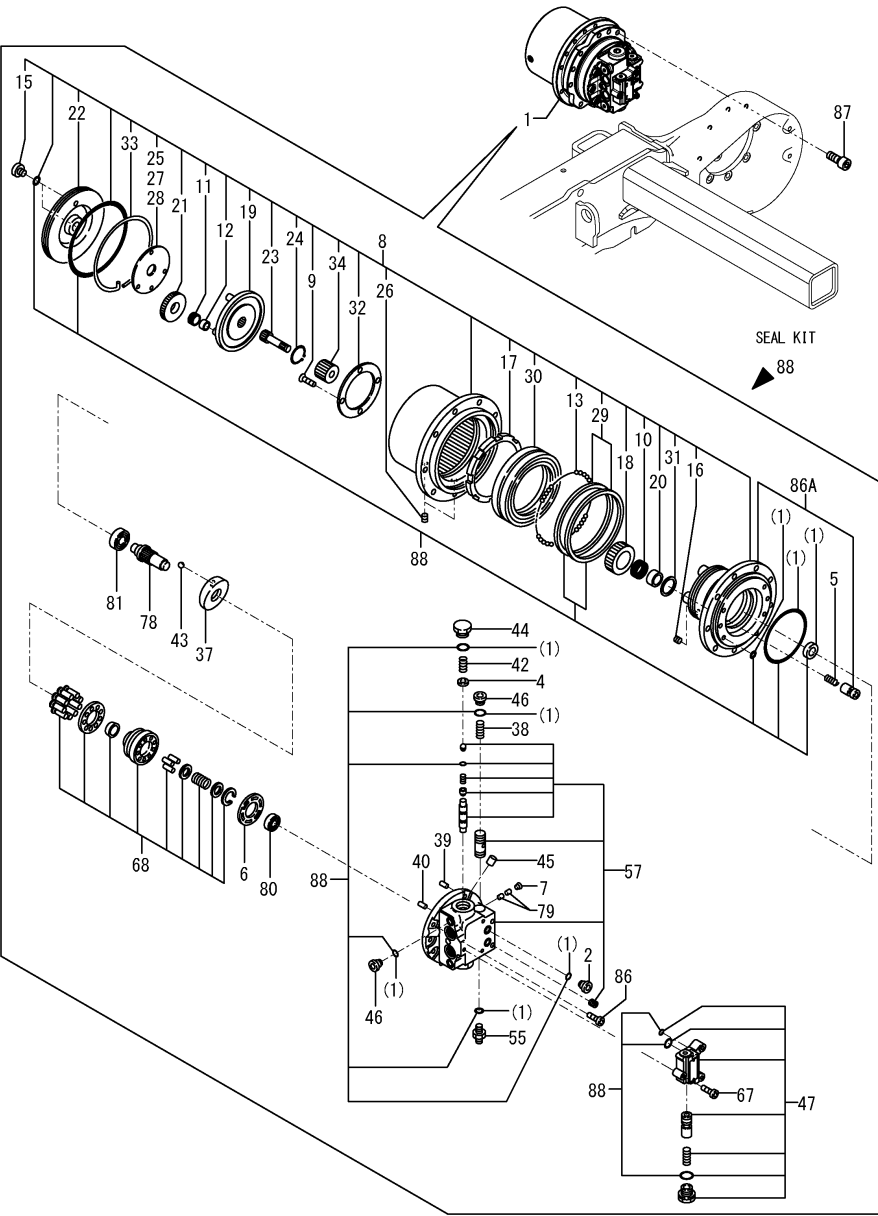


No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172A64-73300	MOTOR ASSY, TRAVEL	2					
2	2	172A64-73350	GEROLLER ASSY	2					
3	2	172A64-73360	SPINDLE ASSY,W/WHEEL	2					
4	3	172A64-73440	PLUG	2					
5	2	172168-73370	BOLT	8					
6	2	172A64-73370	SEAL, FLOATING	2					
7	2	172A64-73380	PLATE, VALVE	2					
8	2	172A64-73390	COVER, GEROLLER	2					
9	2	172A64-73400	BOLT, 10X80	14					
10	2	172A64-73410	BOLT, 8X73	14					
11	2	172A64-73420	COVER ASSY, END	2					
12	2	172A64-73430	VALVE ASSY	2					
13	2	172A64-73450	DRIVE	2					
14	2	172A64-73460	SPACER	4					
15	1	26450-100252	BOLT, M10X 25	16					
16	1	172A64-73500	MOTOR KIT, TRAVEL	1					
17	2	172A64-73510	SEAL SET, MOTOR	1					
18	2	172A64-73520	SEAL SET, END COVER	1					



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

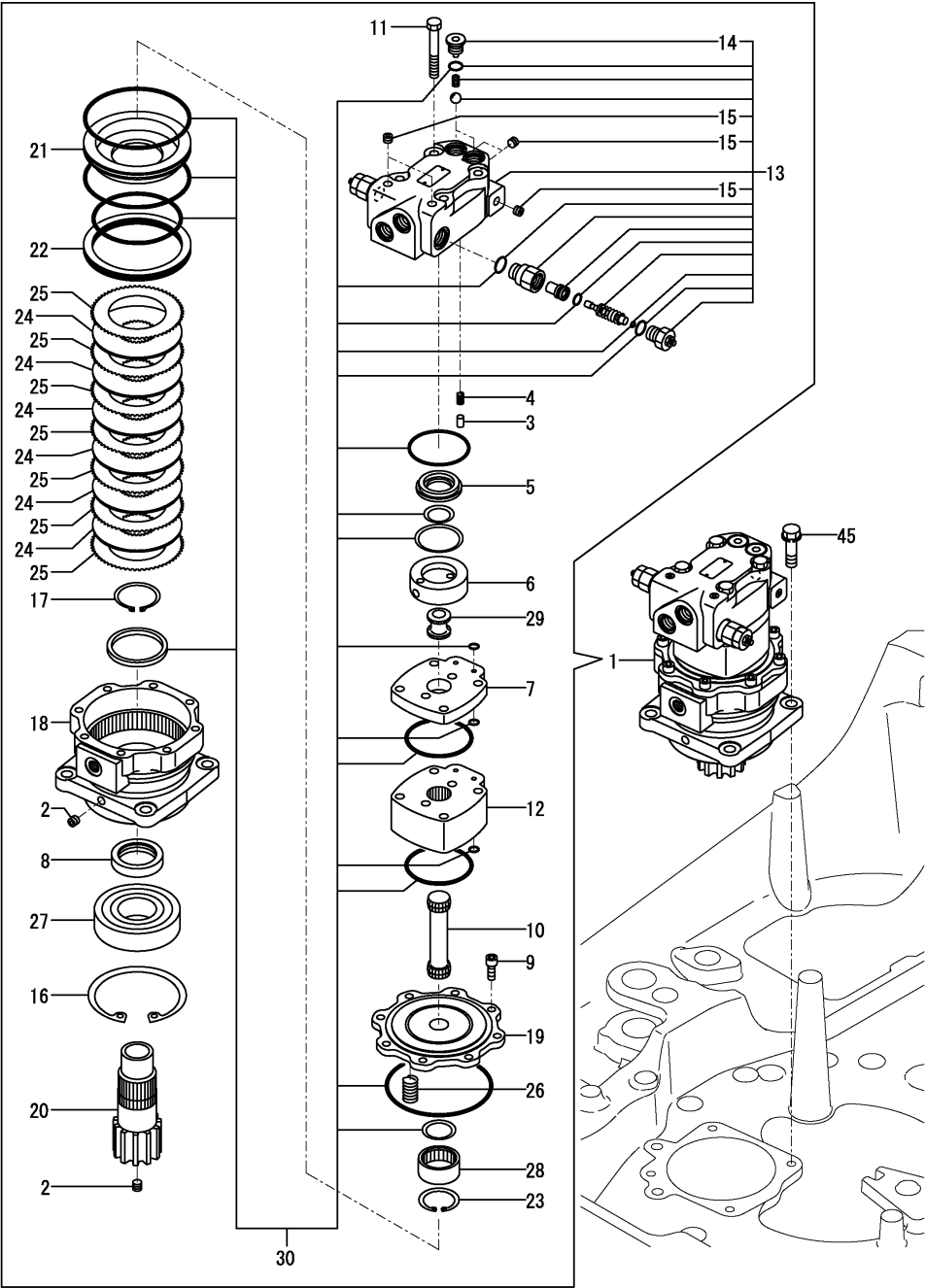
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-73300	MOTOR ASSY, TRAVEL		2						
2	2	1A6240-37360	PLUG		4						
4	2	172141-70450	SEAT, SPRING		4						
5	2	172168-71951	SPRING		4						
6	2	172B03-73290	PLATE, VALVE		2						
7	2	172B03-73330	PLUG		4						
8	2	172C02-73350	REDUCTION GEAR		2						
9	3	172141-70110	SCREW		8						
10	3	172147-70120	GAUGE ASSY		8						
11	3	172141-70150	GAUGE, W/ROLLER		6						
12	3	172141-70160	INNER RACE		6						
13	3	172122-70350	BALL, STEEL		218						
15	3	172147-70500	PLUG		4						
16	3	172450-73330	PLUG		4						
17	3	172456-73351	NUT, RING		2						
18	3	172456-73360	GEAR, PLANETARY B		8						
19	3	172C02-73360	HOLDER		2						
20	3	172456-73370	INNER RACE		8						
21	3	172C02-73370	GEAR, PLANETARY		6						
22	3	172B16-73380	COVER		2						
23	3	172C02-73380	GEAR, DRIVE		2						
24	3	172456-73390	RING, SNAP		2						
25	3	172456-73420	PLATE, THRUST		2						
26	3	172122-73430	PLUG		4						
27	3	172456-73430	PLATE, THRUST		2						
28	3	172456-73440	PLATE, THRUST		2						
29	3	172183-73510	SEAL, FLOATING		4						1
30	3	172183-73520	BEARING, ANGULAR		2						
31	3	172183-73560	WASHER, THRUST		8						
32	3	172183-73570	PLATE, THRUST		2						
33	3	172183-73660	WIRE		2						
34	3	172456-73980	GEAR, SUN		2						
37	2	172C02-73390	PLATE, SWASH		2						
38	2	172421-73400	SPRING		2						
39	2	172122-73470	PIN		2						
40	2	172122-73480	PIN		4						
42	2	172456-73500	SPRING		4						
43	2	172450-73510	BALL, STEEL		4						
44	2	172456-73510	CAP, STEERING WHEEL		4						
45	2	172456-73520	ORIFICE		8						
46	2	172A23-73530	PLUG		6						
47	2	172456-73540	VALVE ASSY		2						
55	2	172A23-73540	PLUG		2						
57	2	172A23-73551	PLATE KIT, BASE		2						
67	2	172456-73570	BOLT, SOCKET HEAD		6						
68	2	172450-73621	CYLINDER BLOCK KIT		2						
78	2	172183-73670	SHAFT		2						
79	2	172312-74790	ORIFICE		8						
80	2	24101-060024	BEARING, BALL 6002		2						
81	2	24101-060044	BEARING, BALL 6004		2						
86	2	26450-080202	BOLT, M8X 20		12						



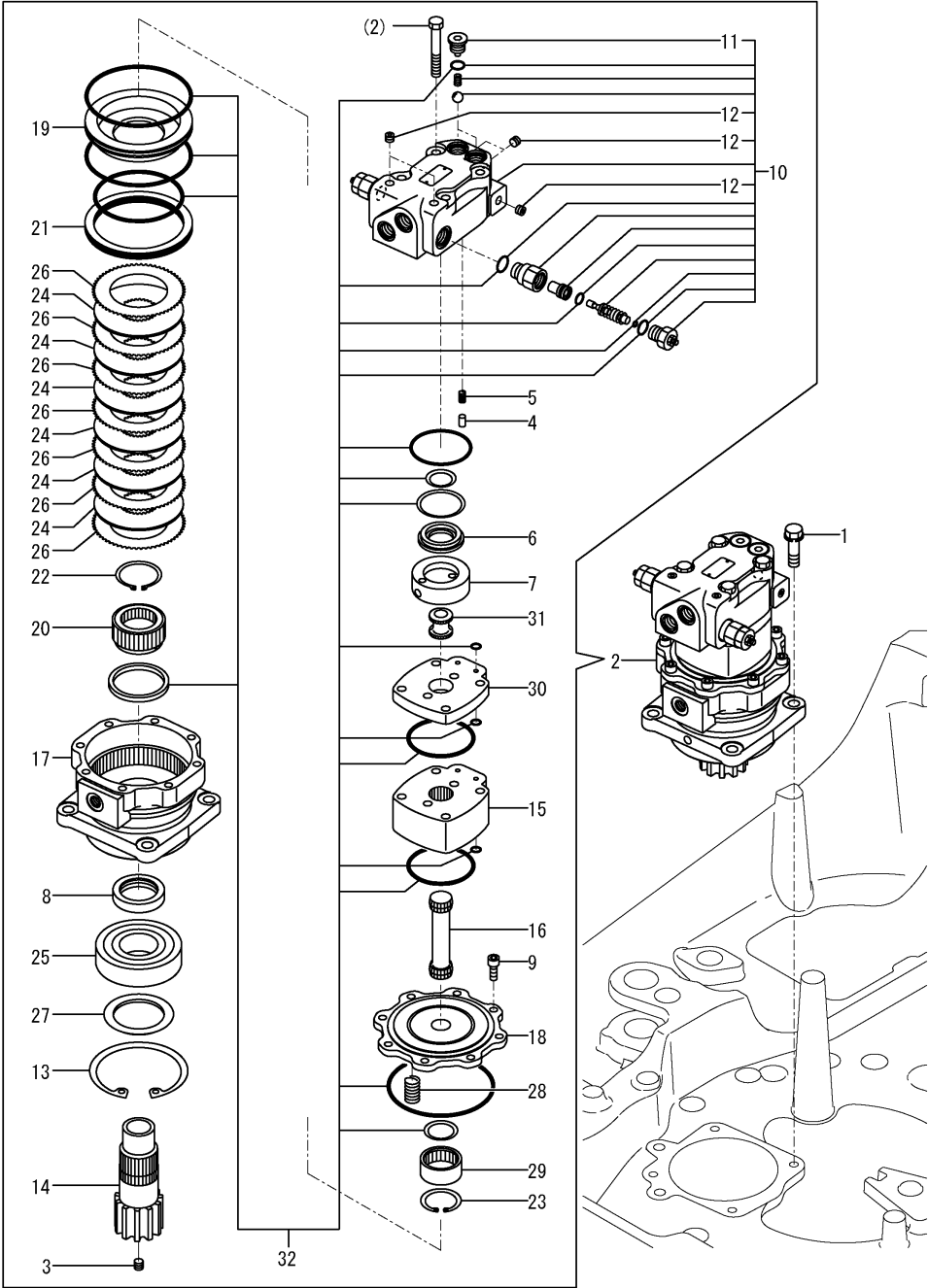
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
86A	2	172C02-73310	FLANGE KIT		2						
87	1	26450-100252	BOLT, M10X 25		18						
88	1	172B16-73350	SEAL KIT, MOTOR		2						

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

Fig.74. TURNING MOTOR(STANDARD SPEC.)

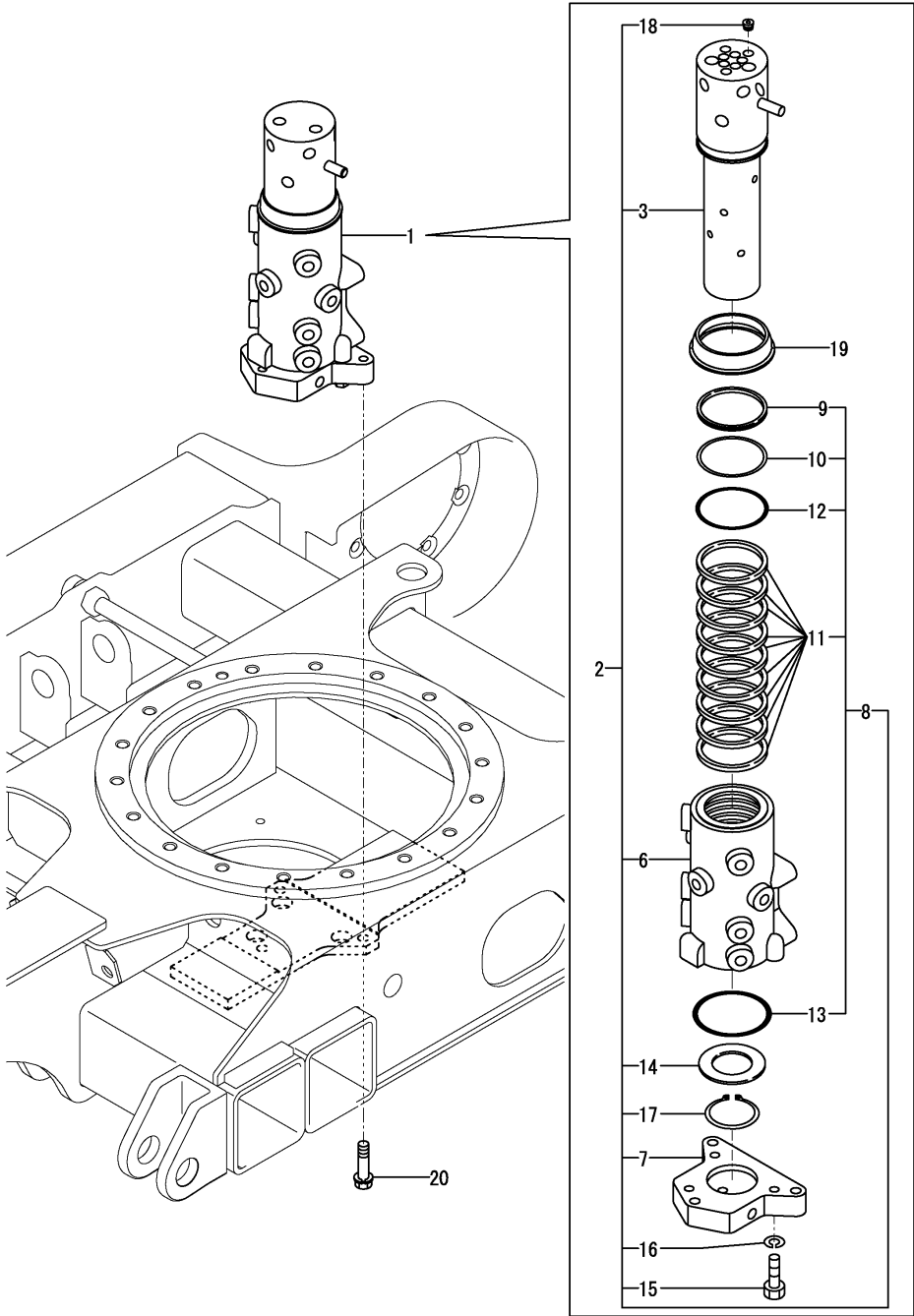


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73310	MOTOR ASSY, SWING	1							
2	2	172137-70490	PLUG, BORE	2							
3	2	172137-70570	PIN	2							
4	2	172137-70580	SPRING	2							
5	2	172137-70590	PLATE, BALANCE	1							
6	2	172137-70600	VALVE	1							
7	2	172148-73350	PLATE, VALVE	1							
8	2	172173-73520	COLLAR	1							
9	2	172A64-73600	BOLT, 8X20	8							
10	2	172A64-73610	DRIVE	1							
11	2	172A64-73620	BOLT, HEXAGON	4							
12	2	172A64-73630	GEROLLER	1							
13	2	172A64-73640	HOUSING ASSY, VALVE	1							
14	3	172168-73590	PLUG	2							
15	3	23871-010000	PLUG, R01	3							
16	2	172173-73690	CIRCLIP	1							
17	2	172173-73700	CIRCLIP	1							
18	2	172456-77150	HOUSING, BEARING	1							
19	2	172456-77160	FLANGE, MOUTING	1							
20	2	172456-77170	GEAR, PINION	1							
21	2	172456-77180	PISTON, HYDRAULIC	1							
22	2	172456-77190	RING	1							
23	2	172456-77200	CIRCLIP	1							
24	2	172456-77210	PLATE, FRICTION	6							
25	2	172456-77220	PLATE	7							
26	2	172456-77230	SPRING	8							
27	2	172456-77240	BEARING, FRONT	1							
28	2	172456-77250	BEARING, REAR	1							
29	2	172141-77260	DRIVE, VALVE	1							
30	2	172A64-73660	SEAL SET, MOTOR	1							
45	1	26013-120402	BOLT, M12X 40	4							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26013-120402	BOLT, M12X 40		4						
2	1	172A64-73320	MOTOR ASSY, SW 2.5K		1						
3	2	172137-70490	PLUG, BORE		1						
4	2	172137-70570	PIN		2						
5	2	172137-70580	SPRING		2						
6	2	172137-70590	PLATE, BALANCE		1						
7	2	172137-70600	VALVE		1						
8	2	172173-73520	COLLAR		1						
9	2	172A64-73600	BOLT, 8X20		8						
10	2	172A64-73640	HOUSING ASSY, VALVE		1						
11	3	172168-73590	PLUG		2						
12	3	23871-010000	PLUG, R01		4						
13	2	172173-73690	CIRCLIP		1						
14	2	172A64-73900	GEAR, PINION		1						
15	2	172A64-73910	GEROLLER		1						
16	2	172A64-73920	DRIVE		1						
17	2	172A36-77150	HOUSING, BEARING		1						
18	2	172A36-77160	FLANGE, MOUTING		1						
19	2	172456-77180	PISTON, HYDRAULIC		1						
20	2	172A36-77180	GEAR, RING		1						
21	2	172456-77190	RING		1						
22	2	172A36-77190	CIRCLIP, C		1						
23	2	172456-77200	CIRCLIP		1						
24	2	172A36-77200	PLATE, FRICTION		6						
25	2	172A36-77210	BEARING, NUP309		1						
26	2	172456-77220	PLATE		7						
27	2	172A36-77220	COVER, BEARING		1						
28	2	172456-77230	SPRING		8						
29	2	172A36-77230	BEARING, RLM3720		1						
30	2	172A36-77260	PLATE, VALVE		1						
31	2	172A36-77270	DRIVE, VALVE		1						
32	2	172A64-73660	SEAL SET, MOTOR		1						

Fig.76. SWIVEL JOINT

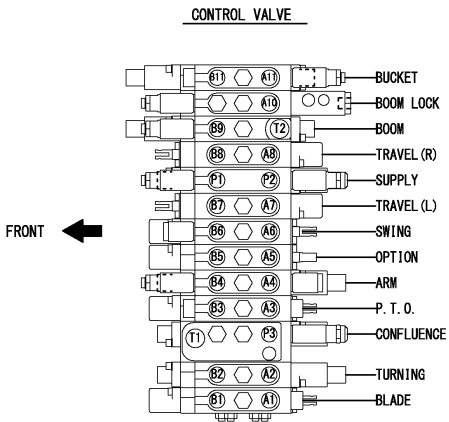
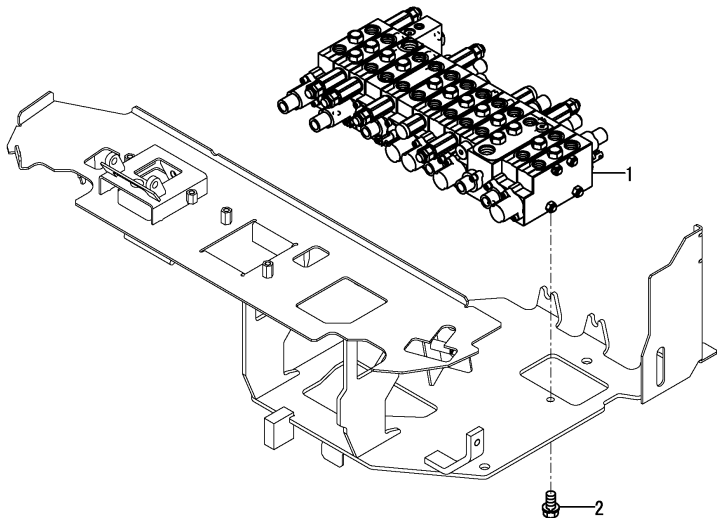


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73790	JOINT ASSY, SWIVEL S	1	1						
2	2	172A64-73800	JOINT ASSY, SWIVEL S	1	1						
3	3	172A64-73810	SHAFT ASSY,SWIVEL SL	1	1						
6	3	172A64-73840	HUB, SWIVEL S	1	1						
7	3	172A64-73850	FLANGE, SWIVEL SL	1	1						
8	3	172A64-73860	SEAL KIT, SWIVEL	1	1						
9	4	172A64-73870	V-RING	1	1						
10	4	172B02-73880	RING, BACK UP T3 55	1	1						
11	4	172B02-73890	SEAL, SWIVEL	9	9						
12	4	24315-000560	O-RING, 1BP56.0	1	1						
13	4	24325-000700	O-RING, 1BG70.0	1	1						
14	3	172B02-73860	SPACER, SWIVEL	1	1						
15	3	172A64-73890	BOLT, 10.9 8X40	3	3						
16	3	22217-080000	WASHER, SPRING 8	3	3						
17	3	22242-000451	RING, 45	1	1						
18	3	23871-010000	PLUG, R01	8	8						
19	2	172448-73900	COVER, DUCT	1	1						
20	1	26013-100302	BOLT, M10X 30	3	3						

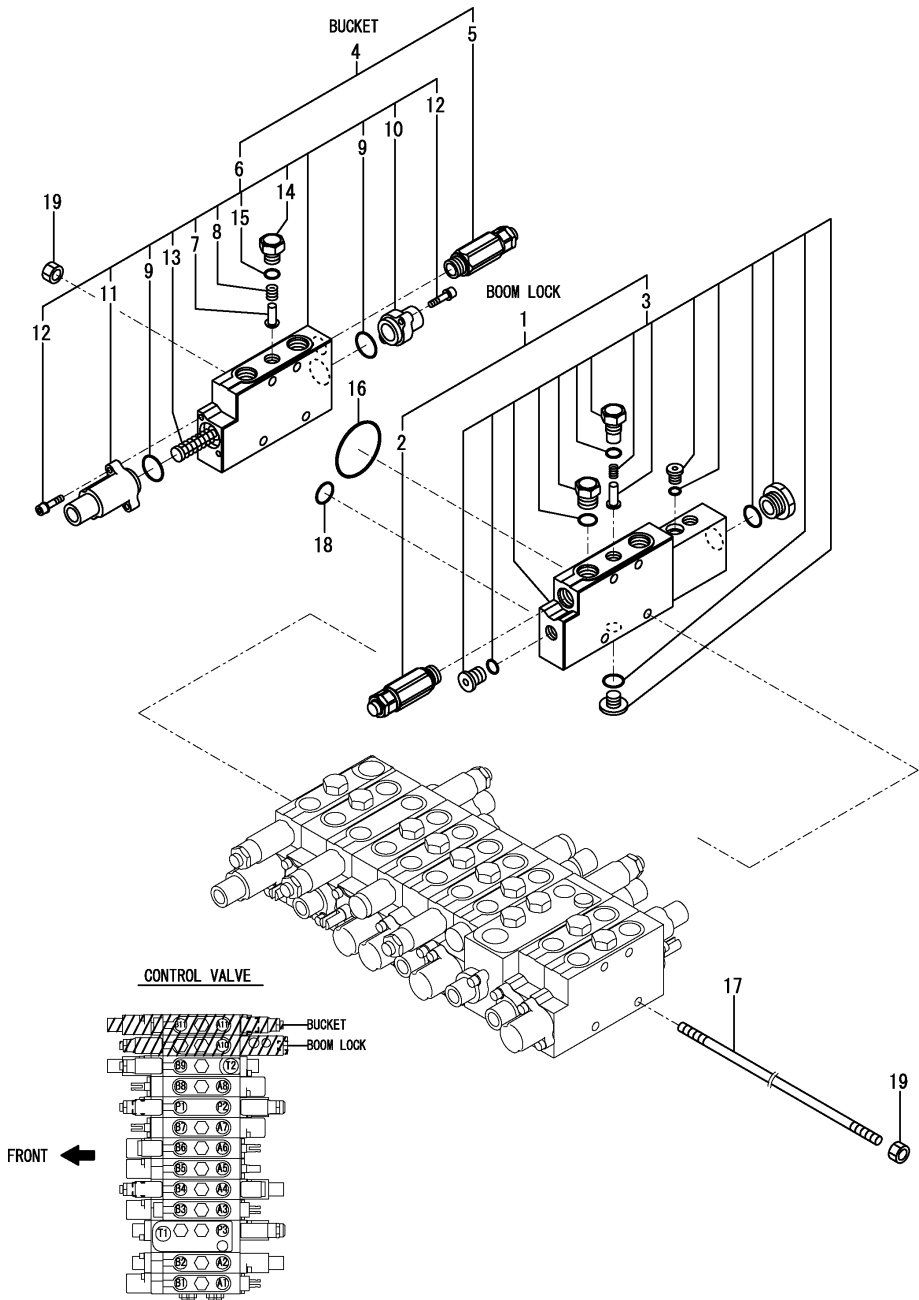
Fig.77. CONTROL VALVE(1/8)



Remarks
(1)Inner parts are shown in Fig.84 from Fig.78.

						0CK50-M02440 Fig.77					
						(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=			(D)= (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-74051	VALVE ASSY, CONTROL	1	1						1
2	1	26013-100162	BOLT, M10X 16	3	3						

Fig.78. CONTROL VALVE(2/8)

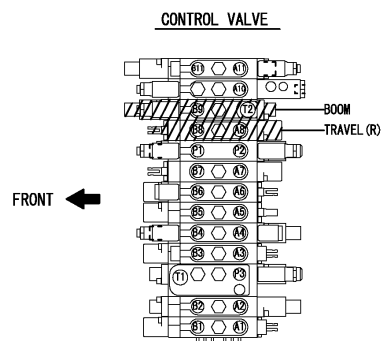
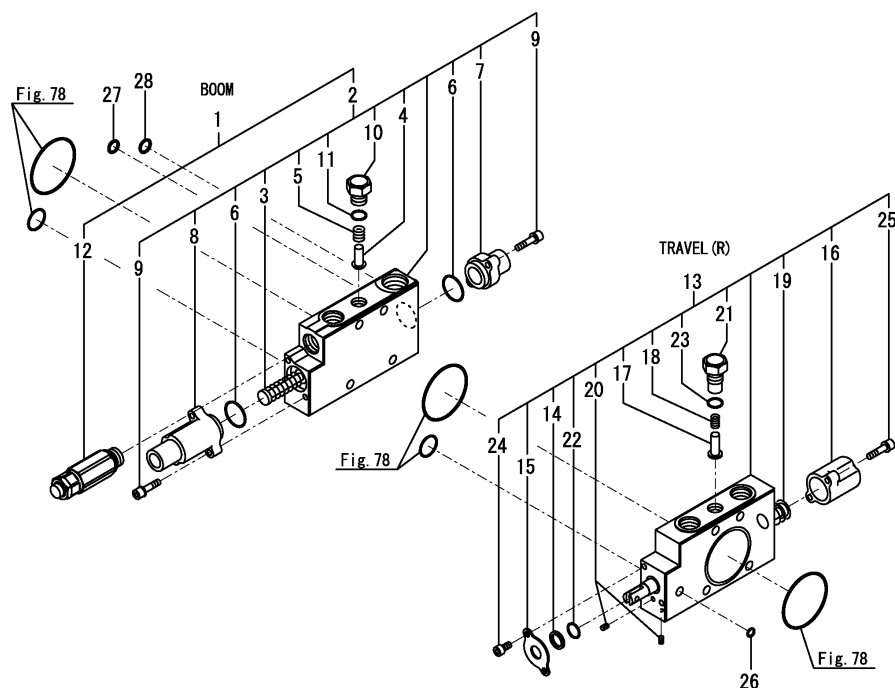


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74431	VALVE ASSY, LOCK	1	1						
2	3	172456-74440	VALVE, RELIEF 300/5	1	1						
3	3	172A64-74441	SECTION ASSY, LOCK	1	1						
4	2	172A64-74450	SECTION, BUCKET	1	1						
5	3	172456-74280	VALVE, OVER-LOAD	1	1						
6	3	172A64-74460	SECTION ASSY, BUCKET	1	1						
7	4	172458-74150	VALVE, REVERSE	1	1						
8	4	172458-74160	SPRING, CHECK VALVE	1	1						
9	4	172458-74230	O-RING, 1B S22	2	2						
10	4	172458-74240	COVER, PILOT B1	1	1						
11	4	172458-74250	COVER, PILOT A1	1	1						
12	4	172458-74260	BOLT, HEXAGON 5X20	4	4						
13	4	172A64-74470	SPOOL ASSY, BUCKET	1	1						
14	4	172458-74630	STAY, CHECK VALVE	1	1						
15	4	24315-000110	O-RING, 1BP11.0	1	1						
16	2	172458-74720	O-RING, 1BW G4	12	12						
17	2	172A47-75450	BOLT, L=412	4	4						
18	2	24311-000180	O-RING, 1AP18.0	7	7						
19	2	26716-080002	NUT, M8	4	4						

Fig.79. CONTROL VALVE(3/8)



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

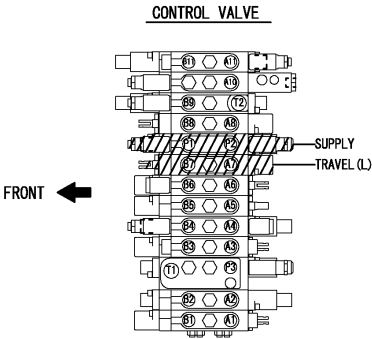
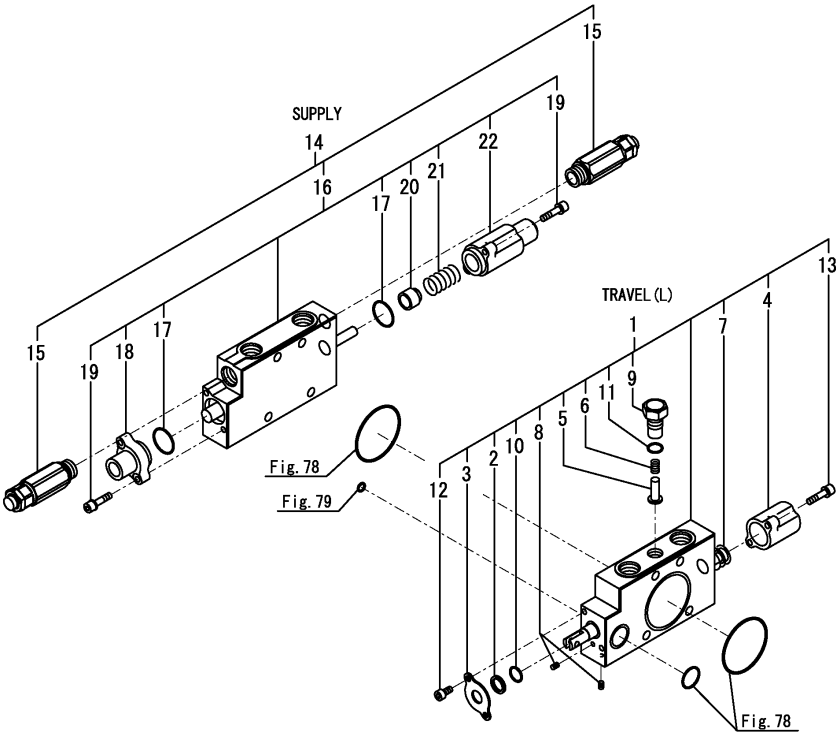
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74010	SECTION ASSY,BOOM	1	1						
2	3	172A64-74020	SECTION ASSY,BOOM	1	1						
3	4	172A64-74030	SPOOL ASSY, BOOM	1	1						
4	4	172458-74150	VALVE, REVERSE	1	1						
5	4	172458-74160	SPRING, CHECK VALVE	1	1						
6	4	172458-74230	O-RING, 1B S22	2	2						
7	4	172458-74240	COVER, PILOT B1	1	1						
8	4	172458-74250	COVER, PILOT A1	1	1						
9	4	172458-74260	BOLT, HEXAGON 5X20	4	4						
10	4	172458-74630	STAY, CHECK VALVE	1	1						
11	4	24315-000110	O-RING, 1BP11.0	1	1						
12	3	172462-74340	VALVE ASSY, OVERLOAD	1	1						
13	2	172A64-74390	SECTION ASSY, R	1	1						
14	3	172458-74130	WIPER, DUST	1	1						
15	3	172458-74140	RETAINER, SEAL	1	1						
16	3	172458-74170	CAP, SPRING	1	1						
17	3	172458-74290	VALVE, REVERSE	1	1						
18	3	172458-74360	SPRING, CHECK VALVE	1	1						
19	3	172A64-74360	SPOOL ASSY, TRAVEL	1	1						
20	3	172458-74460	PLUG, GPM1/32	2	2						
21	3	172458-74640	STAY, CHECK VALVE	1	1						
22	3	24311-000120	O-RING, 1AP12.0	1	1						
23	3	24315-000110	O-RING, 1BP11.0	1	1						
24	3	26450-050102	BOLT, M5X 10	2	2						
25	3	26450-050182	BOLT, M5X 18	2	2						
26	2	24311-000060	O-RING, 1AP6.0	5	5						
27	2	24315-000090	O-RING, 1BP9.0	1	1						
28	2	24315-000100	O-RING, 1BP10.0	1	1						

Fig.80. CONTROL VALVE(4/8)

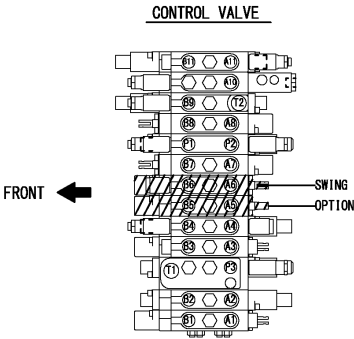
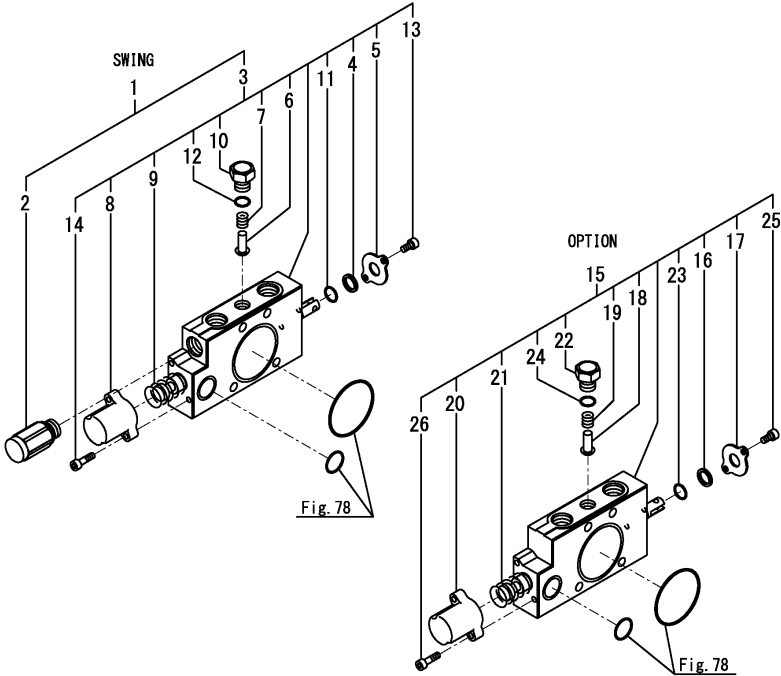
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74350	SECTION ASSY, L	1	1						
2	3	172458-74130	WIPER, DUST	1	1						
3	3	172458-74140	RETAINER, SEAL	1	1						
4	3	172458-74170	CAP, SPRING	1	1						
5	3	172458-74290	VALVE, REVERSE	1	1						
6	3	172458-74360	SPRING, CHECK VALVE	1	1						
7	3	172A64-74360	SPOOL ASSY, TRAVEL	1	1						
8	3	172458-74460	PLUG, GPM1/32	2	2						
9	3	172458-74640	STAY, CHECK VALVE	1	1						
10	3	24311-000120	O-RING, 1AP12.0	1	1						
11	3	24315-000110	O-RING, 1BP11.0	1	1						
12	3	26450-050102	BOLT, M5X 10	2	2						
13	3	26450-050182	BOLT, M5X 18	2	2						
14	2	172A64-74980	SECTION ASSY, INLET	1	1						
15	3	172A64-74480	VALVE, RELIEF 210	2	2						
16	3	172A64-74990	SECTION ASSY, INLET	1	1						
17	4	172458-74230	O-RING, 1B S22	2	2						
18	4	172458-74240	COVER, PILOT B1	1	1						
19	4	172458-74260	BOLT, HEXAGON 5X20	4	4						
20	4	172458-74530	SEAT, SPRING	1	1						
21	4	172458-74540	SPRING, RETURN	1	1						
22	4	172458-74550	COVER, PILOT A2	1	1						

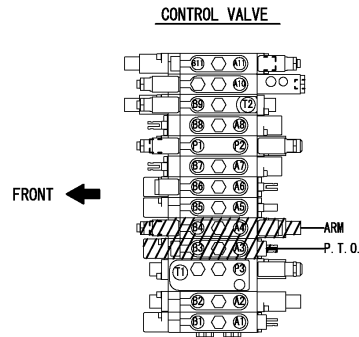
Fig.81. CONTROL VALVE(5/8)



OCK50-M02440 Fig.81

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74280	SECTION, SWING	1	1						
2	3	172447-74230	ANTI-CAVITATION ASSY	1	1						
3	3	172A64-74290	SECTION ASSY, SWING	1	1						
4	4	172458-74130	WIPER, DUST	1	1						
5	4	172458-74140	RETAINER, SEAL	1	1						
6	4	172458-74150	VALVE, REVERSE	1	1						
7	4	172458-74160	SPRING, CHECK VALVE	1	1						
8	4	172458-74170	CAP, SPRING	1	1						
9	4	172A64-74300	SPOOL ASSY, SWING	1	1						
10	4	172458-74630	STAY, CHECK VALVE	1	1						
11	4	24311-000120	O-RING, 1AP12.0	1	1						
12	4	24315-000110	O-RING, 1BP11.0	1	1						
13	4	26450-050102	BOLT, M5X 10	2	2						
14	4	26450-050182	BOLT, M5X 18	2	2						
15	2	172A64-74970	SECTION ASSY, OPTION	1	1						
16	3	172458-74130	WIPER, DUST	1	1						
17	3	172458-74140	RETAINER, SEAL	1	1						
18	3	172458-74150	VALVE, REVERSE	1	1						
19	3	172458-74160	SPRING, CHECK VALVE	1	1						
20	3	172458-74170	CAP, SPRING	1	1						
21	3	172A64-74270	SPOOL ASSY, OPTION	1	1						
22	3	172458-74630	STAY, CHECK VALVE	1	1						
23	3	24311-000120	O-RING, 1AP12.0	1	1						
24	3	24315-000110	O-RING, 1BP11.0	1	1						
25	3	26450-050102	BOLT, M5X 10	2	2						
26	4	26450-050182	BOLT, M5X 18	2	2						

Fig.82. CONTROL VALVE(6/8)

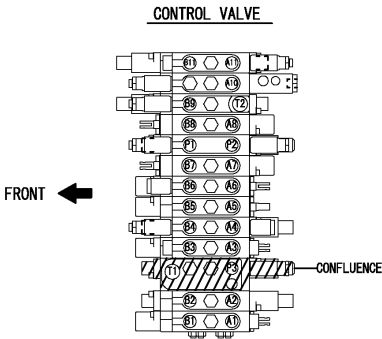
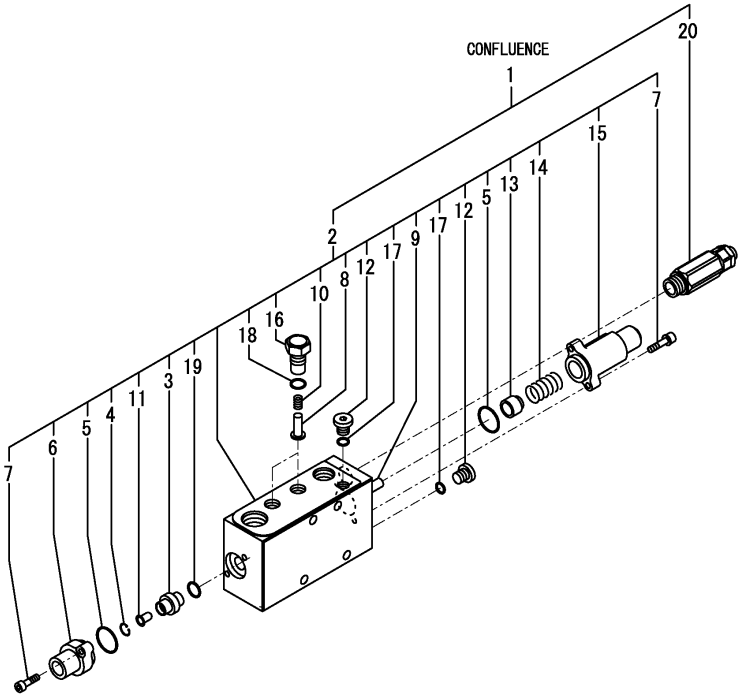


No.	Lev.	Parts No.	Description	(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=			(D)= (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74080	SECTION ASSY, ARM	1	1						
2	3	172A64-74090	SECTION ASSY, ARM	1	1						
3	4	172A64-74040	SPOOL ASSY, ARM	1	1						
4	4	172458-74150	VALVE, REVERSE	1	1						
5	4	172458-74160	SPRING, CHECK VALVE	1	1						
6	4	172458-74230	O-RING, 1B S22	2	2						
7	4	172458-74240	COVER, PILOT B1	1	1						
8	4	172458-74250	COVER, PILOT A1	1	1						
9	4	172458-74260	BOLT, HEXAGON 5X20	4	4						
10	4	172458-74630	STAY, CHECK VALVE	1	1						
11	4	24315-000110	O-RING, 1BP11.0	1	1						
12	3	172447-74221	VALVE ASSY, RELIEF	1	1						
13	3	172447-74230	ANTI-CAVITATION ASSY	1	1						
14	2	172A64-74201	VALVE ASSY, PTO	1	1						
15	3	172A64-74211	SECTION ASSY, PTO	1	1						
16	4	172458-74130	WIPER, DUST	1	1						
17	4	172458-74140	RETAINER, SEAL	1	1						
18	4	172458-74170	CAP, SPRING	1	1						
19	4	172A64-74220	SPOOL ASSY, PTO	1	1						
20	4	172490-74310	VALVE, REVERSE	1	1						
21	4	172490-74320	SPRING, CHECK VALVE	1	1						
22	4	172490-74330	STAY, CHECK VALVE	1	1						
23	4	172B57-74370	PLUG, PF3/8	2	2						
24	4	24311-000120	O-RING, 1AP12.0	1	1						
25	4	24315-000110	O-RING, 1BP11.0	1	1						
26	4	24315-000140	O-RING, 1BP14.0	2	2						
27	4	26450-050102	BOLT, M5X 10	2	2						
28	4	26450-050182	BOLT, M5X 18	2	2						
29	3	172456-74290	PLUG, RELIEF VALVE	2	2						

Fig.83. CONTROL VALVE(7/8)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

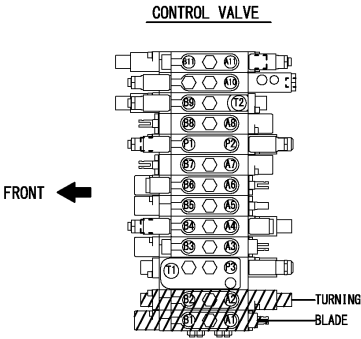
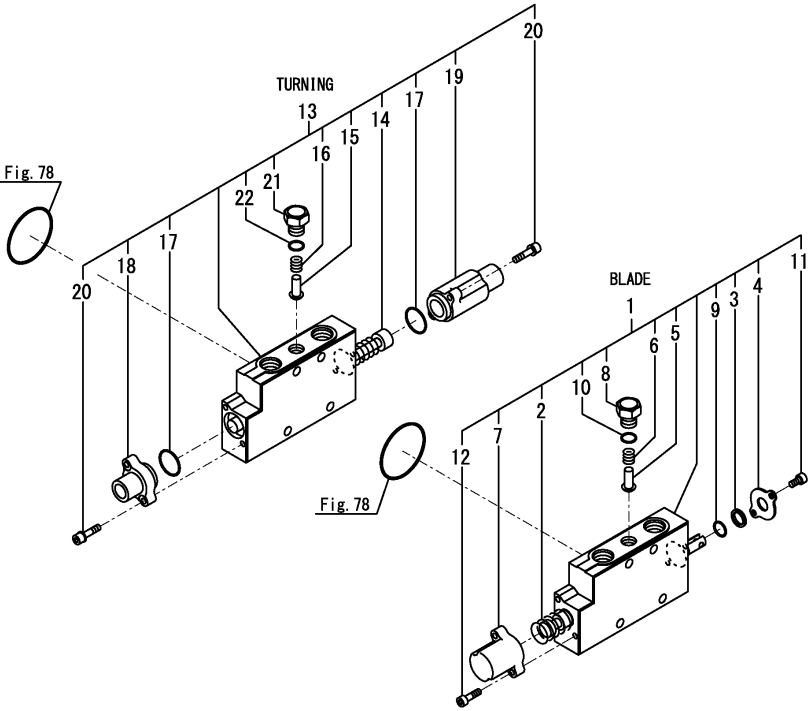


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74062	VALVE ASSY, CONFLUX	1	1						
2	3	172A64-74072	SECTION ASSY, CONFLUX	1	1						
3	4	172A64-74170	CASE, FILTER	1	1						
4	4	172A64-74190	CIRCLIP, 8	1	1						
5	4	172458-74230	O-RING, 1B S22	2	2						
6	4	172458-74240	COVER, PILOT B1	1	1						
7	4	172458-74260	BOLT, HEXAGON 5X20	4	4						
8	4	172458-74290	VALVE, REVERSE	2	2						
9	4	172A64-74340	SPOOL ASSY	1	1						
10	4	172458-74360	SPRING, CHECK VALVE	2	2						
11	4	172A47-74360	FILTER	1	1						
12	4	172B57-74360	PLUG, PF1/8	2	2						
13	4	172458-74530	SEAT, SPRING	1	1						
14	4	172458-74540	SPRING, RETURN	1	1						
15	4	172458-74550	COVER, PILOT A2	1	1						
16	4	172458-74640	STAY, CHECK VALVE	2	2						
17	4	24315-000080	O-RING, 1BP8.0	2	2						
18	4	24315-000110	O-RING, 1BP11.0	1	1						
19	4	24315-240100	O-RING, 1BP10A	1	1						
20	3	172A64-74490	VALVE, RELIEF 170	1	1						

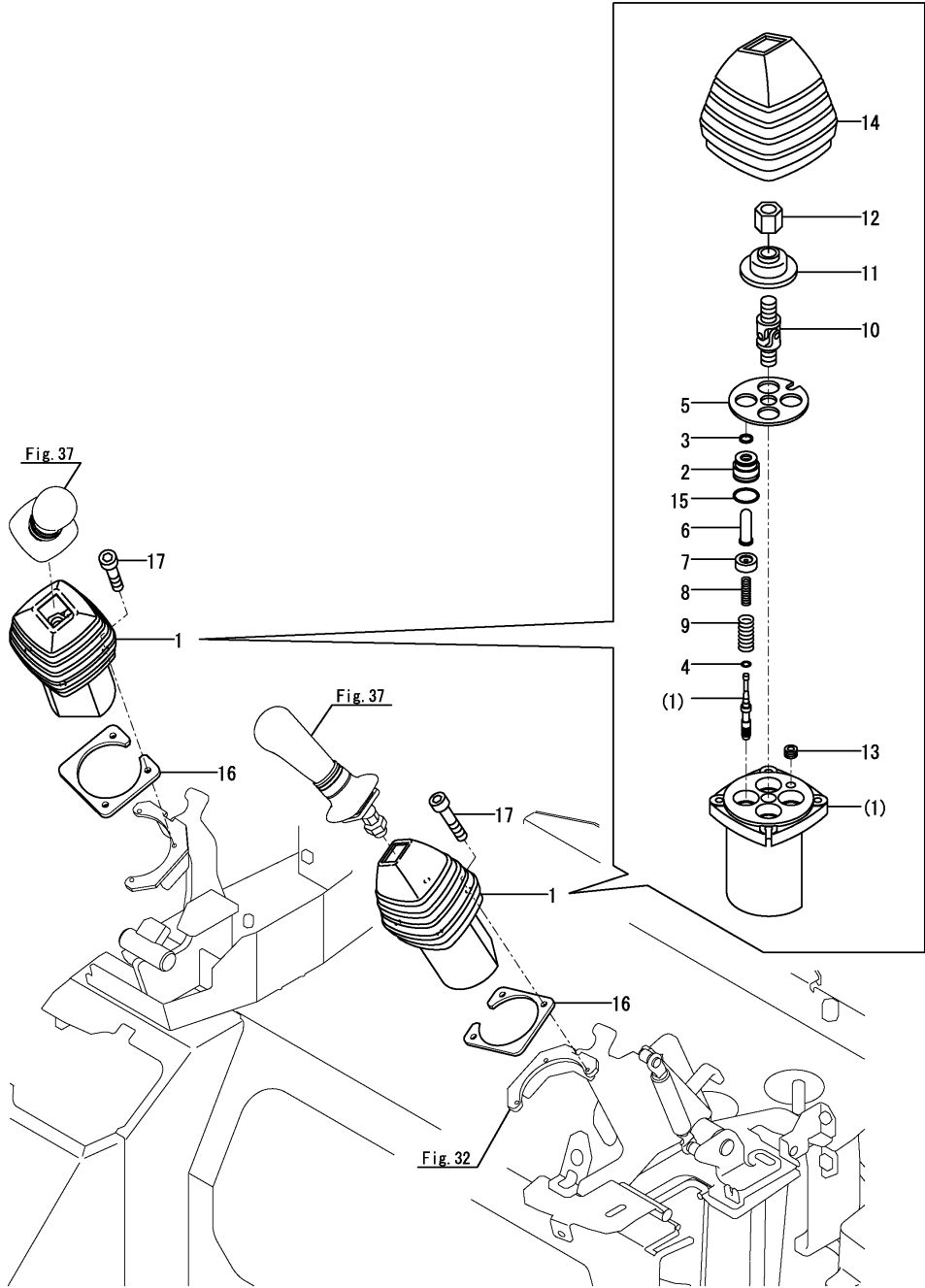
Fig.84. CONTROL VALVE(8/8)

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

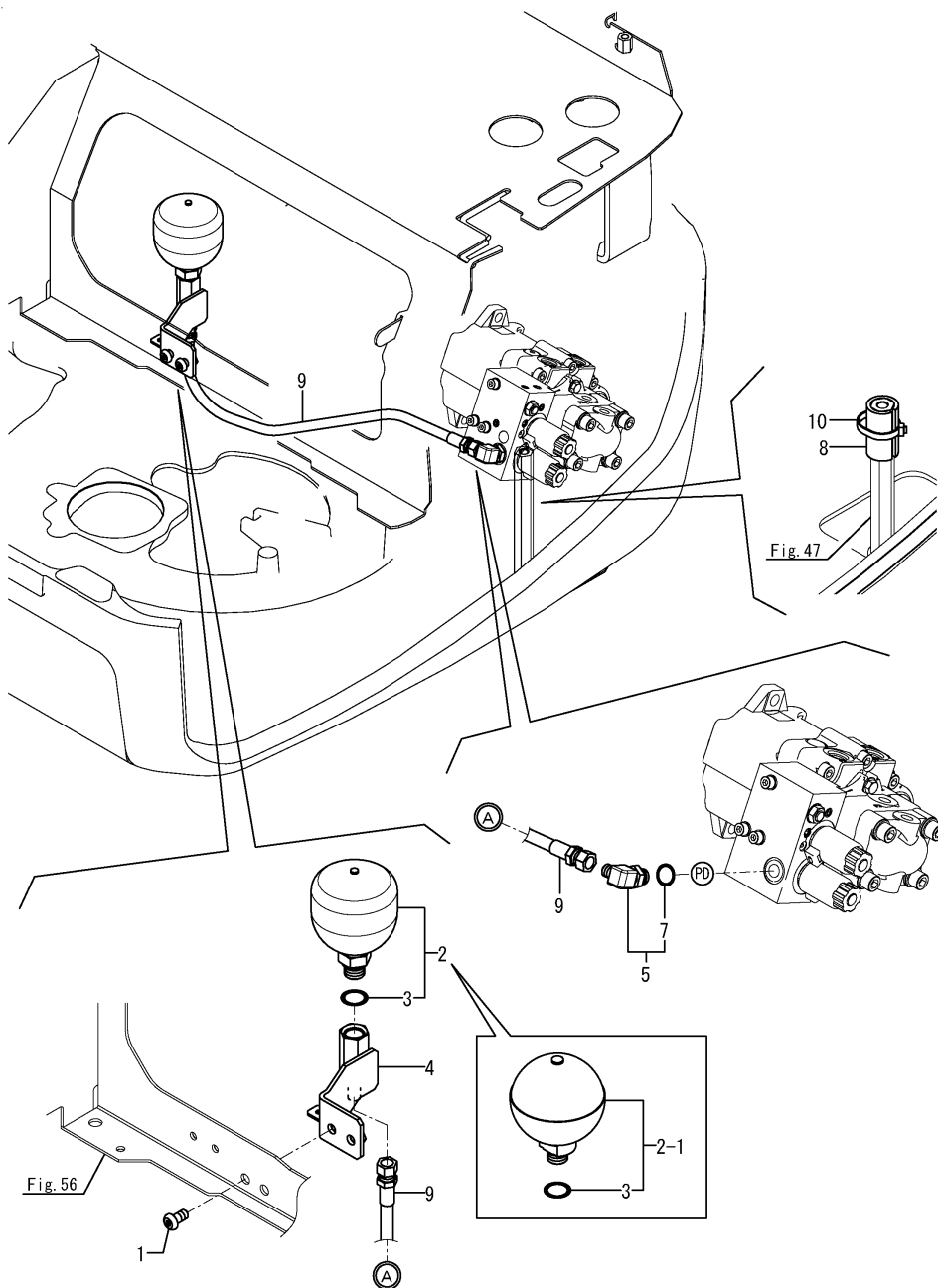


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74110	SECTION ASSY, BLADE	1	1						
2	3	172A64-74120	SPOOL ASSY, BLADE	1	1						
3	3	172458-74130	WIPER, DUST	1	1						
4	3	172458-74140	RETAINER, SEAL	1	1						
5	3	172458-74150	VALVE, REVERSE	1	1						
6	3	172458-74160	SPRING, CHECK VALVE	1	1						
7	3	172458-74170	CAP, SPRING	1	1						
8	3	172458-74630	STAY, CHECK VALVE	1	1						
9	3	24311-000120	O-RING, 1AP12.0	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050102	BOLT, M5X 10	2	2						
12	3	26450-050182	BOLT, M5X 18	2	2						
13	2	172A64-74130	SECTION ASSY, SWING	1	1						
14	3	172A64-74140	SPOOL ASSY, TURNING	1	1						
15	3	172458-74150	VALVE, REVERSE	1	1						
16	3	172458-74160	SPRING, CHECK VALVE	1	1						
17	3	172458-74230	O-RING, 1B S22	2	2						
18	3	172458-74240	COVER, PILOT B1	1	1						
19	3	172458-74250	COVER, PILOT A1	1	1						
20	3	172458-74260	BOLT, HEXAGON 5X20	4	4						
21	3	172458-74630	STAY, CHECK VALVE	1	1						
22	3	24315-000110	O-RING, 1BP11.0	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-74500	VALVE ASSY, REMO-CON	2	2						
2	2	172151-73400	PLUG	8	8						
3	2	172151-73420	SEAL	8	8						
4	2	172151-73450	WASHER	8	8						
5	2	172A64-74590	PLATE	2	2						
6	2	172A64-74601	ROD, PUSH	8	8						
7	2	172A64-74611	SEAT, SPRING	8	8						
8	2	172A64-74620	SPRING	8	8						
9	2	172A64-74630	SPRING	8	8						
10	2	172A64-74640	JOINT	2	2						
11	2	172A64-74650	PLATE, CIRCULAR	2	2						
12	2	172A64-74660	NUT, ADJUST	2	2						
13	2	172A64-74670	BUSH	2	2						
14	2	172A64-74680	BELLOWS	2	2						
15	2	24315-000200	O-RING, 1BP20.0	8	8						
16	1	172A78-74651	PLATE, VALVE	2	2						
17	1	26014-060352	BOLT, M6X 35	6	6						

Fig.86. ACCUMULATOR

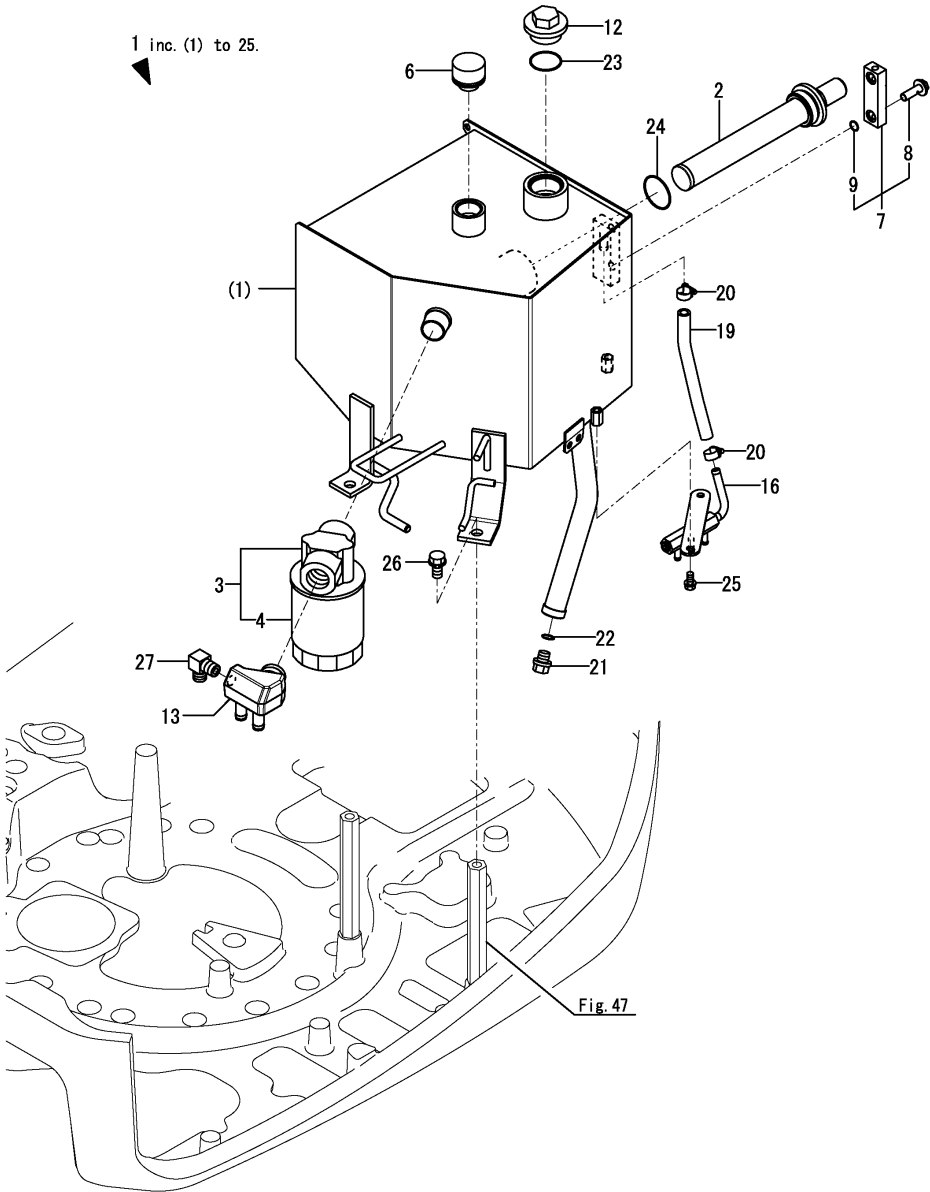


No.	Lev.	Parts No.	Description	(A)=VIO17-1(KR) (B)=VIO17-1B(KR) (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172455-61720	BOLT, BUTTON	2	2					
2	1	172C02-73600	ACCUMULATOR	1	1					
2-1	1	172B03-73600	ACCUMULATOR	1	1					N
		(A=M12549) (B=M12549)								
3	2	24311-000180	O-RING, 1AP18.0	1	1					
4	1	172C02-73670	STAY ASSY, ACCUM.	1	1					
5	1	172141-76920	CONNECTOR ASSY	1	1					
7	2	24319-000140	PACKING,HNBR-90 P 14	1	1					
8	1	172A46-78500	HOSE, G812YY006	1	1					
9	1	172C02-79250	HOSE, F403BB055S	1	1					
9-1	1	172B04-78760	HOSE, F403BB057S	1	1					N
		(A=M18455) (B=M1A509)								
10	1	172122-79890	CLAMP, HOSE 350	1	1					

Fig.87. HYD. OIL TANK

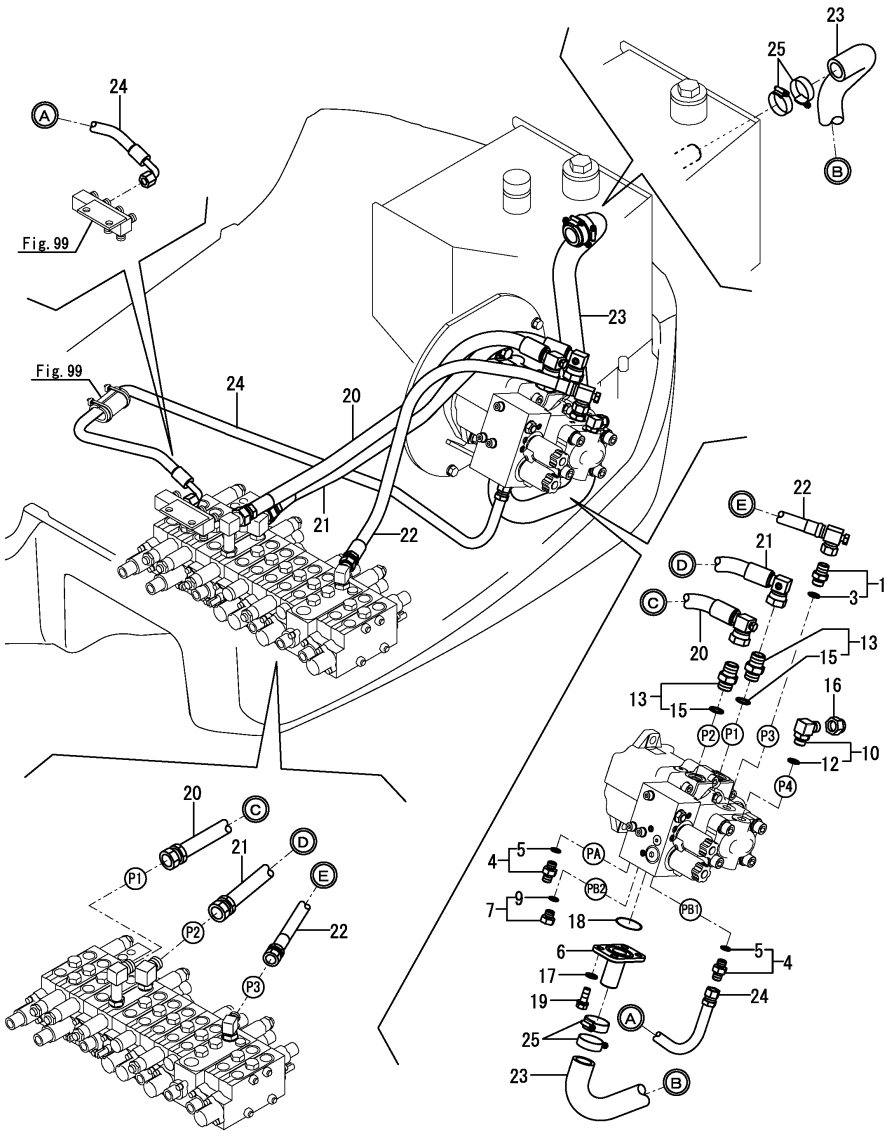
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-08350	RESERVOIR KIT	1	1						
2	2	172A64-73701	FILTER,SUCTION	1	1						
3	2	172C02-73770	FILTER ASSY, RETURN	1	1						
4	3	172C02-73780	ELEMENT,FILTER	1	1						
6	2	172446-75250	CAP, RESERVOIR	1	1						
7	2	172447-75600	GAUGE ASSY,OIL LEVEL	1	1						
8	3	172455-75290	BOLT, OIL M10	2	2						
9	3	172455-75300	O-RING	4	4						
12	2	172116-75850-B	PLUG, OIL FEED	1	1						
13	2	172A64-76110	JOINT ASSY, RETURN	1	1						
16	2	172C02-76140	BLOCK ASSY, DRAIN	1	1						
19	2	172C02-78230	HOSE, G806YY019	1	1						
20	2	23001-016000	CLAMP, HOSE 16	2	2						
21	2	23491-140002	PLUG, 14	1	1						
22	2	24311-000160	O-RING, 1AP16.0	1	1						
23	2	24311-000380	O-RING, 1AP38.0	1	1						
24	2	24315-000440	O-RING 1B P-44.0	1	1						
25	2	26013-080202	BOLT, M8X 20	2	2						
26	1	26013-120252	BOLT, M12X 25	3	3						
27	1	23393-030000	JOINT, 90RGI-3/8	1	1						

Fig.88. TANK - PUMP - CONTROL VALVE

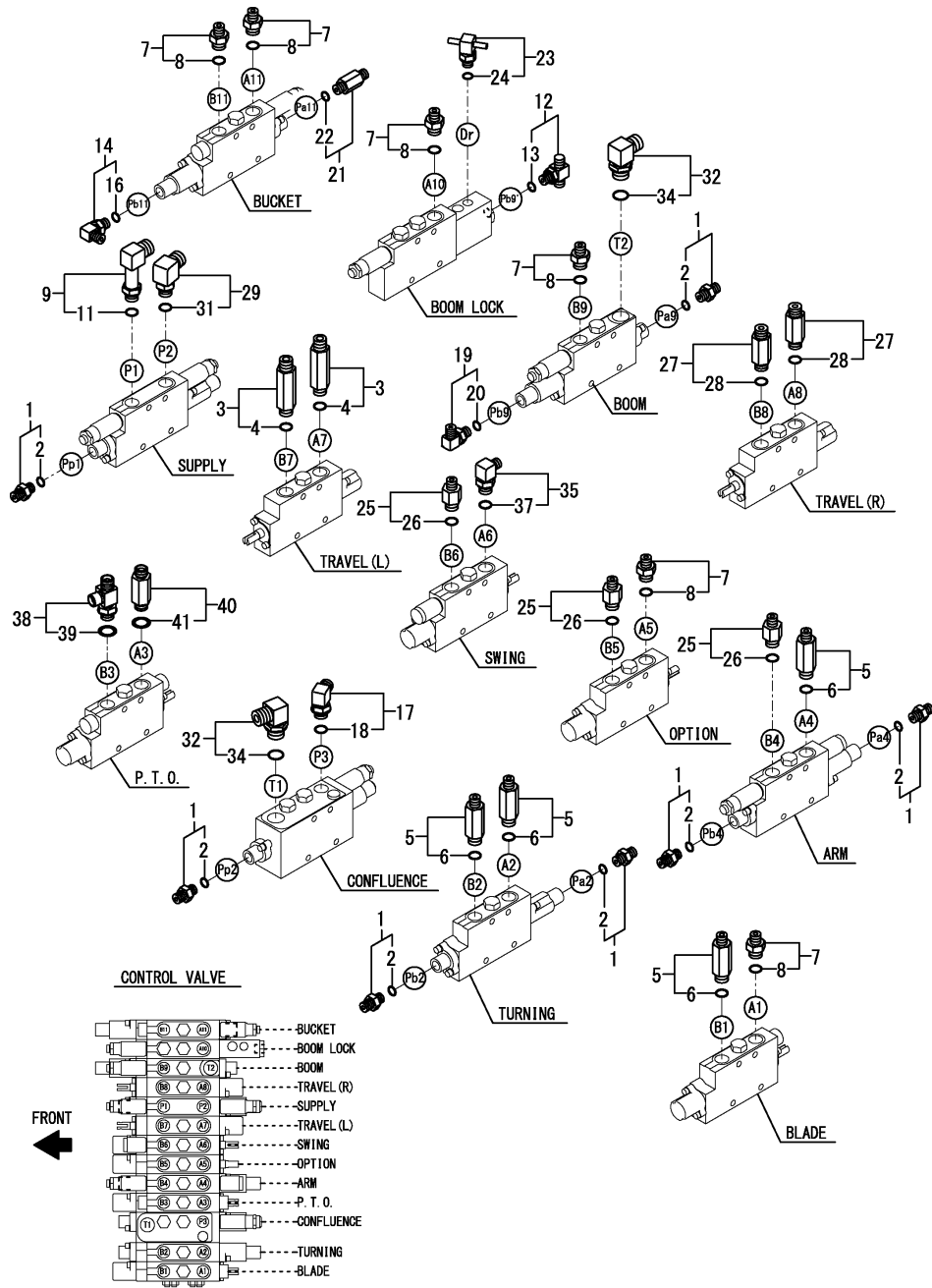


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

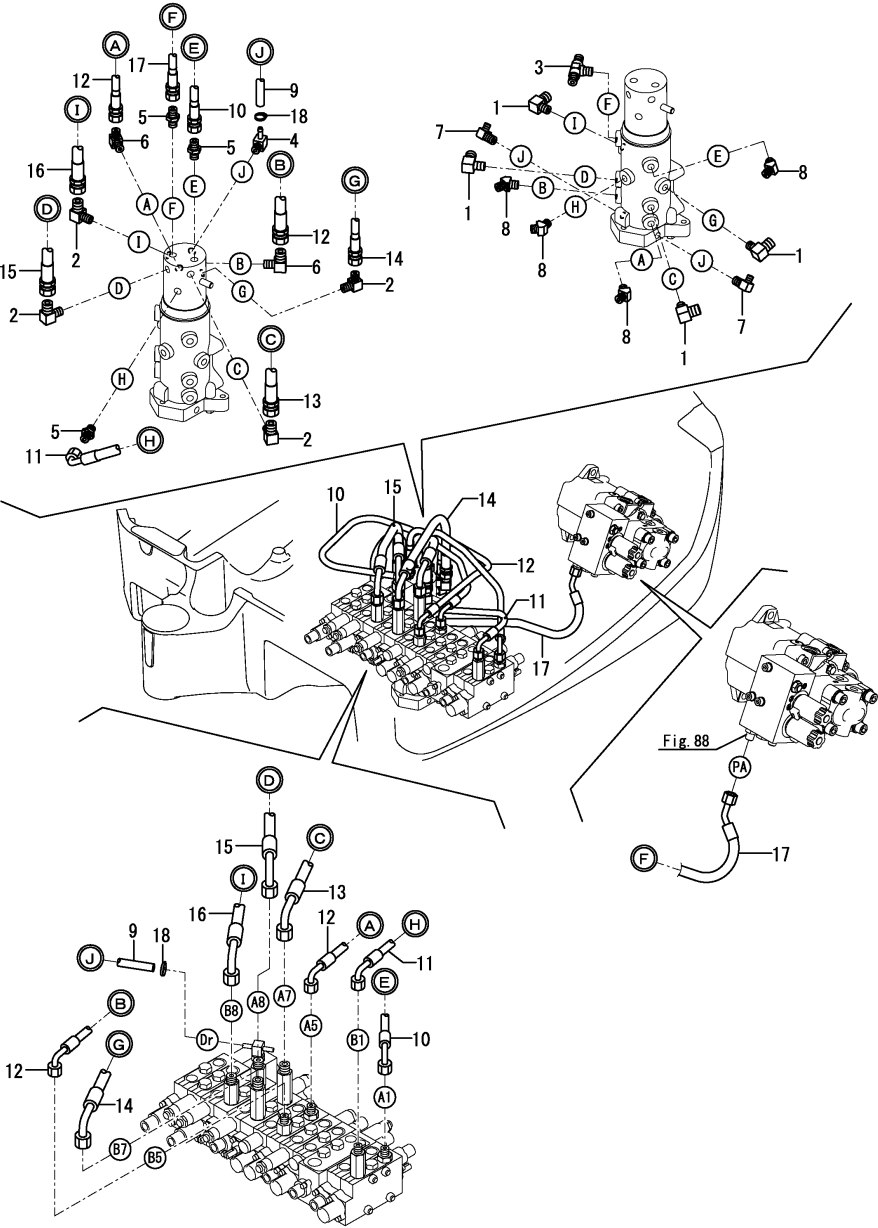
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8	1	1						
3	2	24319-000140	PACKING,HNBR-90 P 14	1	1						
4	1	172123-76122	ADAPTER PF1/2	2	2						
5	2	24319-000110	PACKING,HNBR-90 P 11	2	2						
6	1	172A64-76130	FLANGE, PUMP INLET	1	1						
7	1	172165-76591	PLUG, PF1/4	1	1						
9	2	24319-000110	PACKING,HNBR-90 P 11	1	1						
10	1	172141-76920	CONNECTOR ASSY	1	1						
12	2	24319-000140	PACKING,HNBR-90 P 14	1	1						
13	1	172112-77362	CONNECTOR, PF1/2-1/2	2	2						
15	2	24319-000180	PACKING,HNBR-90 P 18	2	2						
16	1	1E3030-78370	CAP, SCREW	1	1						
17	1	22117-100000	WASHER, 10	4	4						
18	1	24311-000350	O-RING, 1AP35.0	1	1						
19	1	26013-100252	BOLT, M10X 25	4	4						
20	1	172A64-78020	HOSE, H208BZ063S	1	1						
21	1	172A64-78030	HOSE, H208BZ063S	1	1						
22	1	172A64-78040	HOSE, H206BZ064S	1	1						
23	1	172A64-78110	HOSE, SUCTION	1	1						
24	1	172A64-78661	HOSE,H504BC117S	1	1						
24-1	1	172A64-78662	HOSE,H504BC117S	1	1						N
(A=M19303) (B=M19301)											
24-2	1	172A64-78663	HOSE,H504BC117S	1	1						N
(A=M18455) (B=M1A329)											
25	1	23001-041000	CLAMP, HOSE 41	4	4						

Remarks
* Fitting(control valve) is shown in Fig.89.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76122	ADAPTER PF1/2	7	7						
2	2	24319-000110	PACKING,HNBR-90 P 11	7	7						
3	1	172162-76132	ADAPTER, MALE/MALE	2	2						
4	2	24319-000140	PACKING,HNBR-90 P 14	2	2						
5	1	172422-76131	CONNECTOR PF1/4-3/8	4	4						
6	2	24319-000140	PACKING,HNBR-90 P 14	4	4						
7	1	172124-76161	CONNECTOR	6	6						
8	2	24319-000140	PACKING,HNBR-90 P 14	6	6						
9	1	172A64-76160	ELBOW ASSY, 1/2X3/8	1	1						
11	2	24319-000140	PACKING,HNBR-90 P 14	1	1						
12	1	172187-76170	TEE, ADJUSTABLE	1	1						
13	2	24315-000110	O-RING, 1BP11.0	1	1						
14	1	172141-76181	CONNECTOR ASSY, 02FF	1	1						
16	2	41851-000110	O-RING, P11.0 HNBR	1	1						
17	1	172142-76181	JOINT, 90-3/8	1	1						
18	2	24315-000140	O-RING, 1BP14.0	1	1						
19	1	172A47-76180	ELBOW, 90 G1/4-0.6	1	1						
20	2	41851-000110	O-RING, P11.0 HNBR	1	1						
21	1	172183-76201	CONNECTOR 1/4-1/4	1	1						
22	2	24319-000110	PACKING,HNBR-90 P 11	1	1						
23	1	172A47-76230	NIPPLE, TEE G1/4	1	1						
24	2	41851-000110	O-RING, P11.0 HNBR	1	1						
25	1	172147-76261	CONNECTOR 3/8X1/4	3	3						
26	2	24319-000140	PACKING,HNBR-90 P 14	3	3						
27	1	172116-76382	ADAPTER 64	2	2						
28	2	24319-000140	PACKING,HNBR-90 P 14	2	2						
29	1	172645-76570	CONNECTOR ASSY	1	1						
31	2	24315-000140	O-RING, 1BP14.0	1	1						
32	1	172141-76900	CONNECTOR ASSY, 1/2L	2	2						
34	2	24315-000180	O-RING, 1BP18.0	2	2						
35	1	172141-76920	CONNECTOR ASSY	1	1						
37	2	24319-000140	PACKING,HNBR-90 P 14	1	1						
38	1	172480-76120	TEE, ADJUSTABLE	1	1						
39	2	24315-000140	O-RING, 1BP14.0	1	1						
40	1	172116-76382	ADAPTER 64	1	1						
41	2	24319-000140	PACKING,HNBR-90 P 14	1	1						

Fig.90. CONTROL VALVE - SWIVEL JOINT



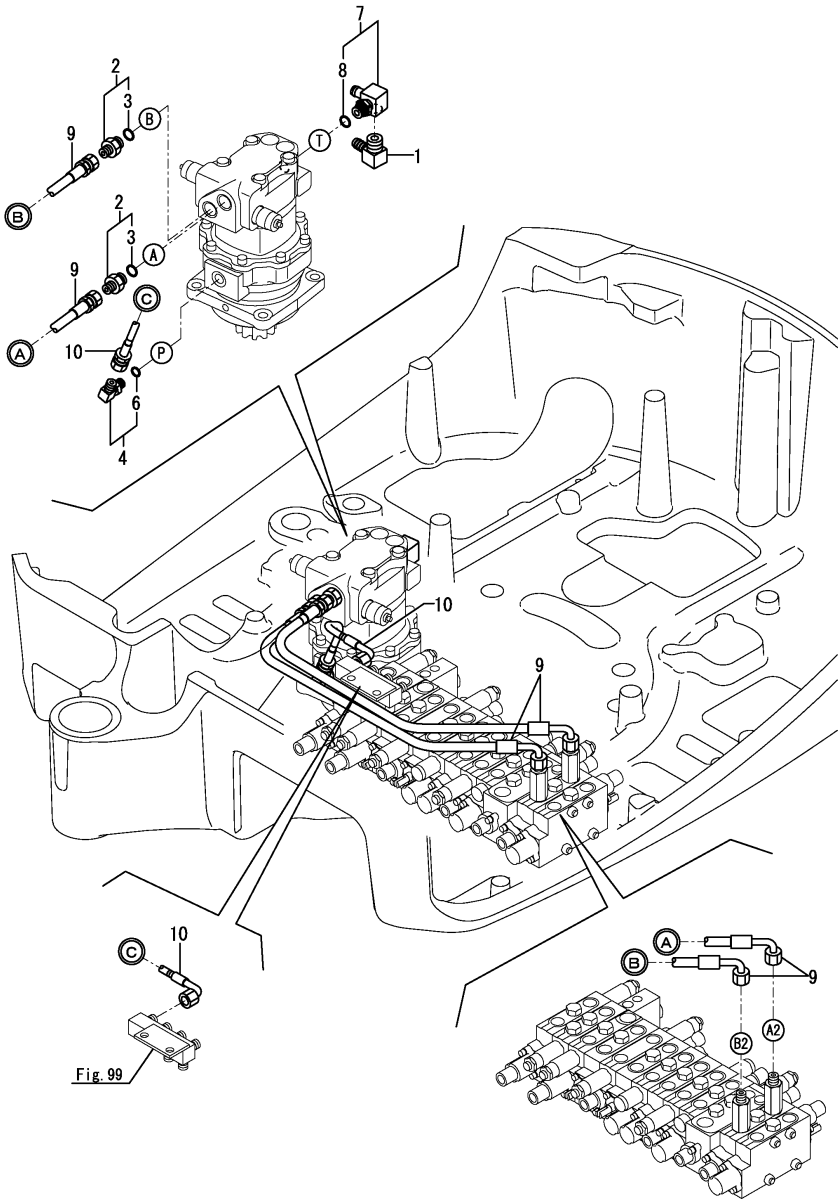
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172147-76180	ELBOW, 90 1/4X3/8	4	4						
2	1	172147-76180	ELBOW, 90 1/4X3/8	4	4						
3	1	172162-76320	CONNECTOR, 3X1/4	1	1						
4	1	172186-76390	NIPPLE, ELBOW 1/4	1	1						
5	1	23391-020000	JOINT, RGI-1/4	3	3						
6	1	23393-020000	JOINT, 90RGI-1/4	2	2						
7	1	23393-020000	JOINT, 90RGI-1/4	2	2						
8	1	23394-020000	JOINT, 45RGI-1/4	4	4						
9	1	172A64-78212	HOSE, G804YY055C	1	1						
10	1	172A64-78250	HOSE, F204BC059	1	1						
11	1	172C02-78260	HOSE, F204CC057S	1	1						
11-1	1	172C02-78261	HOSE, F204CC054S	1	1						N
(A=M10506) (B=M10506)											
12	1	172A64-78310	HOSE, F204BC063	2	2						
13	1	172A64-78350	HOSE, F206BC035	1	1						
14	1	172A64-78360	HOSE, F206BC045	1	1						
15	1	172A64-78371	HOSE, F206BC030	1	1						
16	1	172A64-78380	HOSE, F206BC041	1	1						
17	1	172A64-78612	HOSE, H504CE052S	1	1						
18	1	23000-013000	CLAMP, 13	2	2						

Remarks
* Fitting(control valve) is shown in Fig.89.

Fig.91. CONTROL VALVE - TURNING MOTOR



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172131-76130	NIPPLE, ELBOW	1	1						
2	1	172124-76161	CONNECTOR	2	2						
3	2	24319-000140	PACKING,HNBR-90 P 14	2	2						
4	1	172141-76181	CONNECTOR ASSY, 02FF	1	1						
6	2	41851-000110	O-RING, P11.0 HNBR	1	1						
7	1	172487-76200	ELBOW, 90 1/2-3/8	1	1						
8	2	24315-000140	O-RING, 1BP14.0	1	1						
9	1	172A64-78270	HOSE, F204BC059S	2	2						
10	1	172A64-78651	HOSE, F403BC026	1	1						

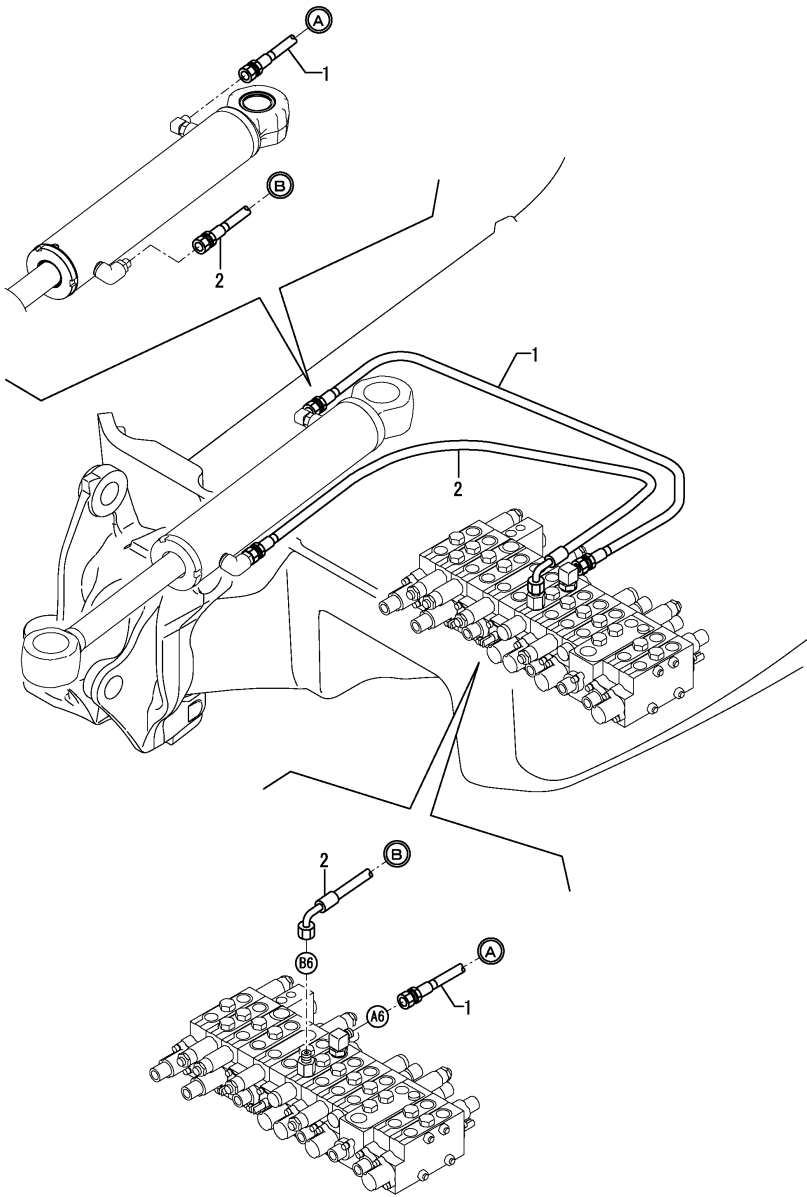
Remarks
* Fitting(control valve) is shown in Fig.89.

Fig.92. CONTROL VALVE - SWING CYLINDER

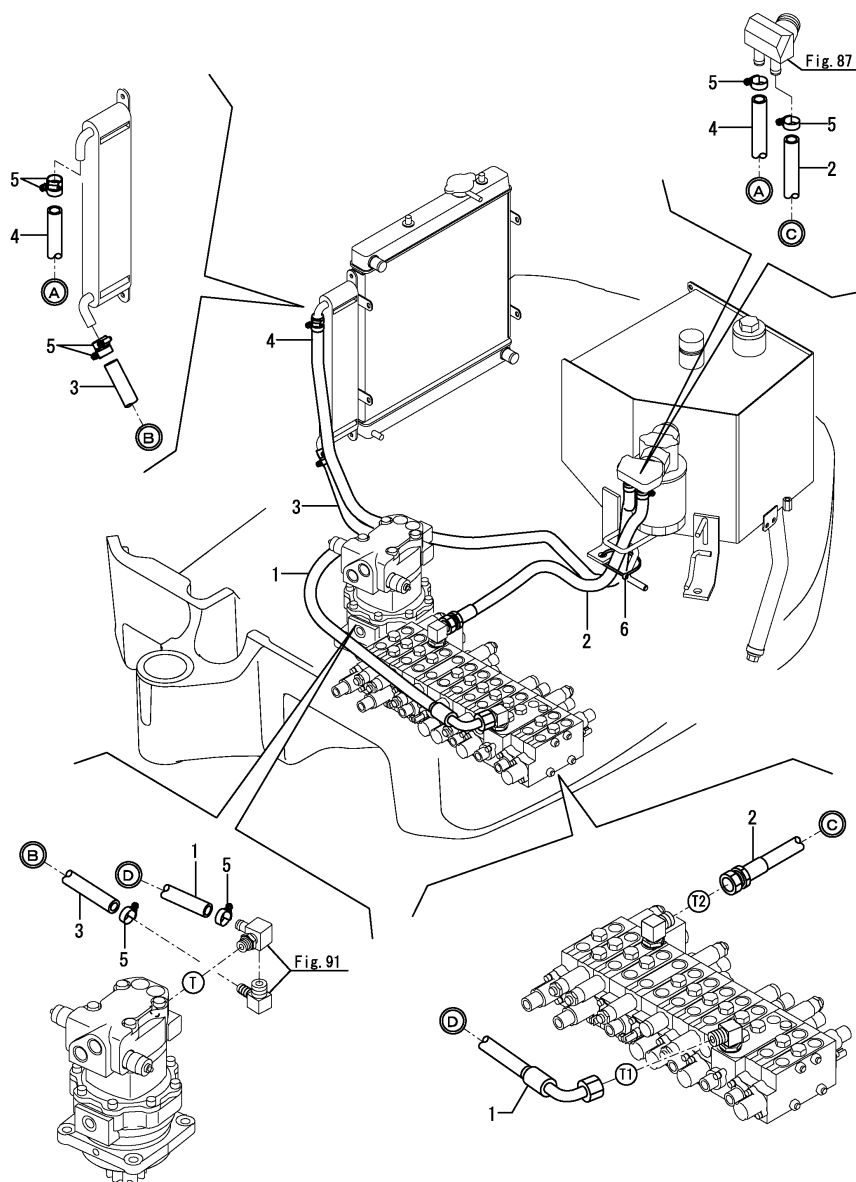
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-78330	HOSE, F204BB092	1	1						
2	1	172A64-78340	HOSE, F204BC111	1	1						



Remarks
* Fitting(control valve) is shown in Fig.89.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-78161	HOSE, G808CY082S	1	1						
2	1	172C02-78170	HOSE, G808BY070	1	1						
3	1	172C02-78190	HOSE, G808YY030S	1	1						
4	1	172C02-78200	HOSE, G808YY136S	1	1						
5	1	23001-019000	CLAMP, HOSE 19	8	8						
6	1	172126-11510	BAND, BINDING 300	1	1						W

(A=M10506) (B=M10506)

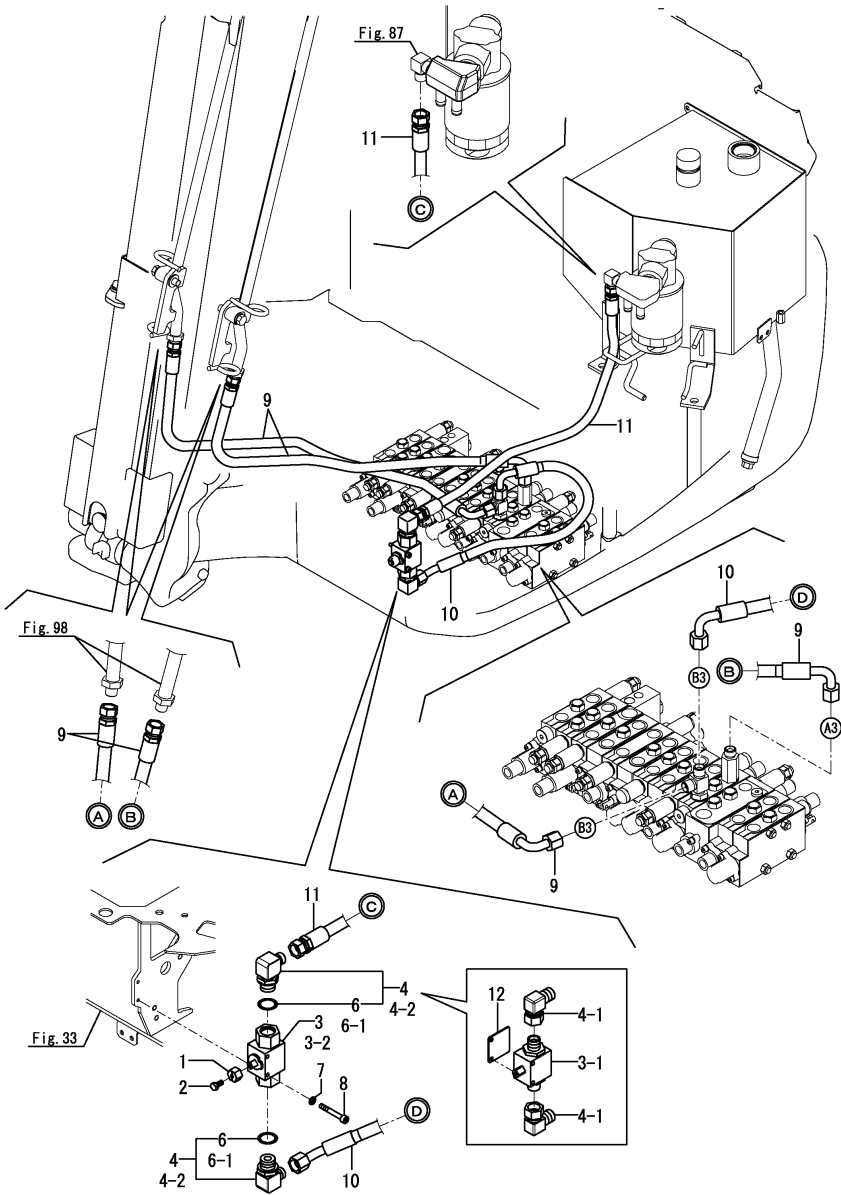
* Fitting(control valve) is shown in Fig.89.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.94. P.T.O.

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

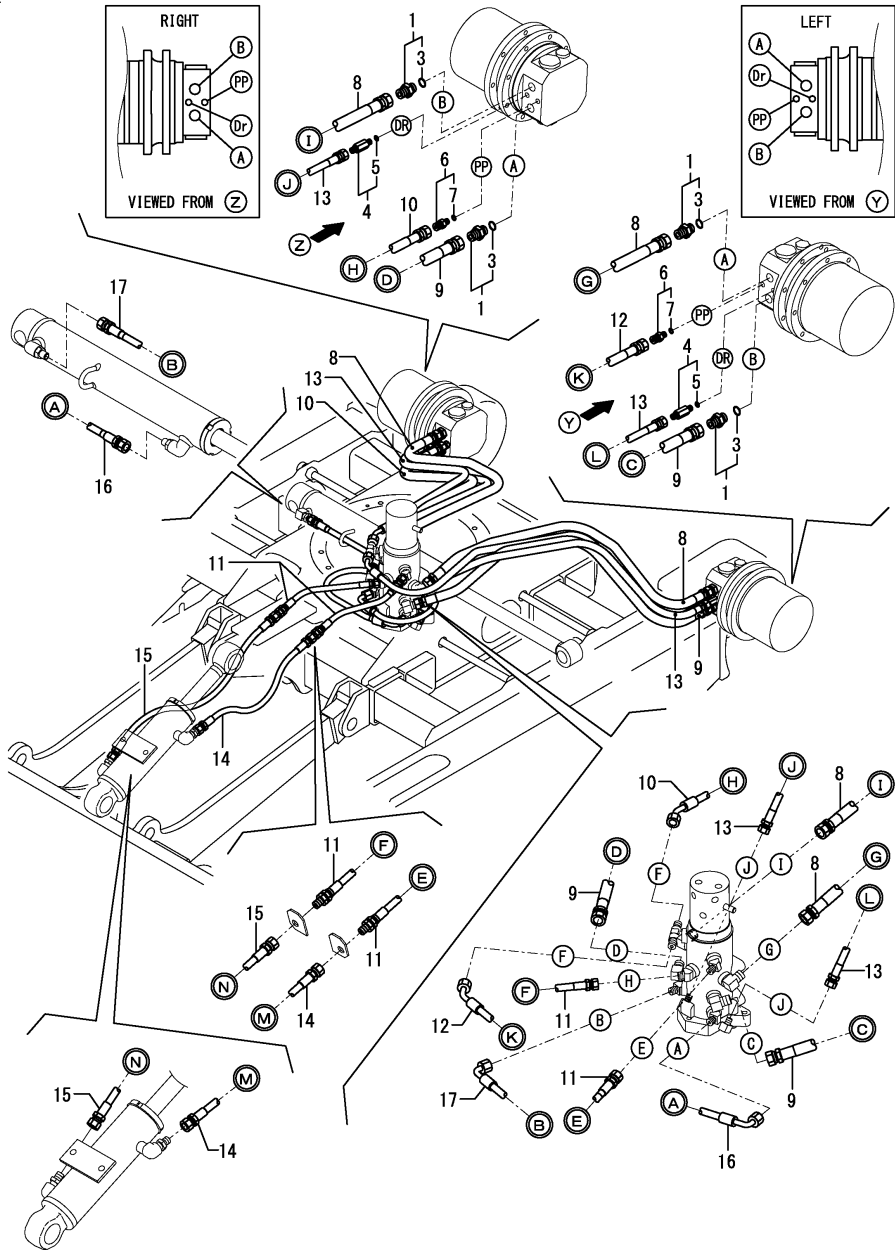
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-73990	CAP	1	1						
2	1	26116-050102	BOLT, M5X 10 PLATED	1	1						
3	1	172B16-74800	VALVE ASSY,STOP G1/2	1	1						
3-1	1	172C02-74800 (A=M10787) (B=M11823)	VALVE ASSY, STOP	1	1					F	1
3-2	1	172B16-74800 (A=M12933) (B=M12933)	VALVE ASSY,STOP G1/2	1	1					F	2
4	1	172157-76300	ELBOW ASSY, 3/8-1/2	2	2						
4-1	1	172C02-76200	CONNECTOR, G3/8-G3/8	2	2						S
4-2	1	172157-76300 (A=M10787) (B=M11823) (A=M12933) (B=M12933)	ELBOW ASSY, 3/8-1/2	2	2						S
6	2	24315-000180 (A=M10787) (B=M11823)	O-RING, 1BP18.0	2	2						Z
6-1	2	24315-000180 (A=M12933) (B=M12933)	O-RING, 1BP18.0	2	2						W
7	1	22217-050000	WASHER, SPRING 5	2	2						
8	1	26450-050452	BOLT, M5X 45	2	2						
9	1	172A64-78552	HOSE, H206BC115K	2	2						
10	1	172C02-78570	HOSE, H206CE056	1	1						
10-1	1	172C02-78571	HOSE, H206CE056S	1	1						N
11	1	172C02-78580 (A=M10506)	HOSE, G606BB074	1	1						
12	1	172C02-73950	PLATE	1	1						W
12-1	1	172C02-73950 (A=M10787) (B=M11823) (A=M12933) (B=M12933)	PLATE	1	1						Z

Remarks
* Fitting(control valve) is shown in Fig.89.
(1)Interchangeable with a set of No.4-1 & 12.
(2)Interchangeable by simultaneous replacement with No.4-2.

Fig.95. TRAVEL FRAME(STANDARD SPEC.)



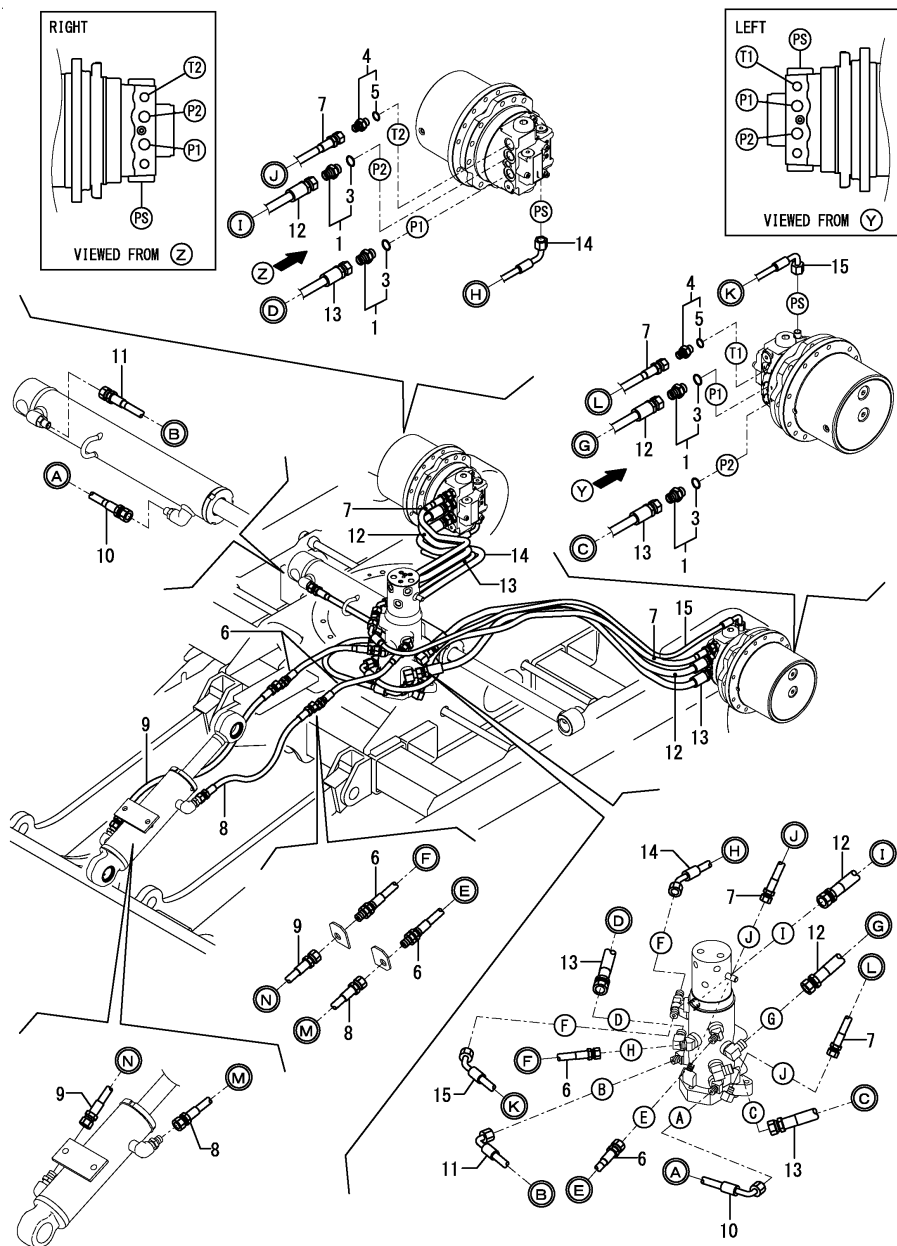
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

(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	4							
3	2	24319-000140	PACKING,HNBR-90 P 14	4							
4	1	172A64-76102	JOINT G1/4-G1/8	2							
5	2	24319-000080	PACKING,HNBR-90 P 8	2							
6	1	172447-76211	JOINT G1/8-G1/4	2							
7	2	24319-000080	PACKING,HNBR-90 P 8	2							
8	1	172A64-78441	HOSE, F205BB085W	2							
9	1	172A64-78451	HOSE, F205BB089W	2							
10	1	172A64-78460	HOSE, F204BE086W	1							
11	1	172A64-78470	HOSE, F204BX031W	2							
12	1	172A64-78482	HOSE, F204BE094W	1							
13	1	172A64-78492	HOSE, F204BB087W	2							
14	1	172A64-78501	HOSE, F204BB043W	1							
15	1	172A64-78511	HOSE, F204BB059W	1							
16	1	172A64-78520	HOSE, F204BC050W	1							
17	1	172A64-78530	HOSE, F204BC068W	1							

Remarks
* Fitting(swivel joint) is shown in Fig.90.

Fig.96. TRAVEL FRAME(HD SPEC.)



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

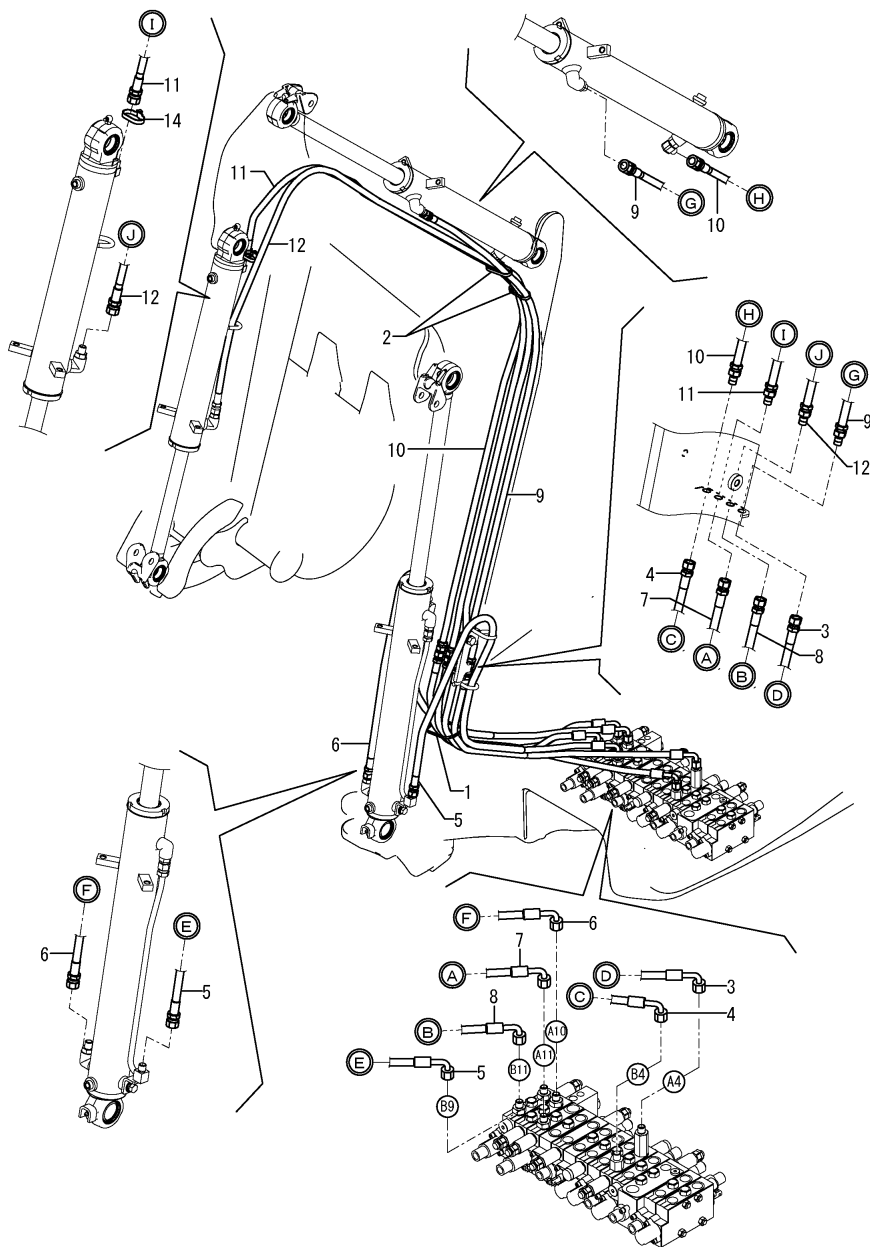
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75142	CONNECTOR, G3/8-G3/8		4						
3	2	24319-000140	PACKING,HNBR-90 P 14		4						
4	1	172123-76122	ADAPTER PF1/2		2						
5	2	24319-000110	PACKING,HNBR-90 P 11		2						
6	1	172A64-78470	HOSE, F204BX031W		2						
7	1	172A64-78492	HOSE, F204BB087W		2						
8	1	172A64-78501	HOSE, F204BB043W		1						
9	1	172A64-78511	HOSE, F204BB059W		1						
10	1	172A64-78520	HOSE, F204BC050W		1						
11	1	172A64-78530	HOSE, F204BC068W		1						
12	1	172C02-79640	HOSE, F205BB080W		2						
13	1	172C02-79650	HOSE, F205BB086W		2						
14	1	172C02-79660	HOSE, F204CE093W		1						
15	1	172C02-79680	HOSE, F204CE109W		1						

Remarks

* Fitting (swivel joint) is shown in Fig.90.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.97. CONTROL VALVE - BOOM(IMP)



(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	1	1						
2	1	194202-56460	BAND, BINDING 200	2	2						
3	1	172C02-78290	HOSE, F204BC096K	1	1						
4	1	172C02-78300	HOSE, F204BC094K	1	1						
5	1	172A64-78391	HOSE, F204BC137K	1	1						
6	1	172A64-78401	HOSE, F204BC147K	1	1						
7	1	172C02-78410	HOSE, F204BC084K	1	1						
8	1	172C02-78420	HOSE, F204BC075K	1	1						
9	1	172C02-78950	HOSE, F204BX151K	1	1						
10	1	172C02-78960	HOSE, F204BX108K	1	1						
11	1	172C02-78970	HOSE, F204BX222K	1	1						
12	1	172C02-78980	HOSE, F204BX256K	1	1						
14	1	172122-79920	CLIP, HOSE A	1	1						

Remarks

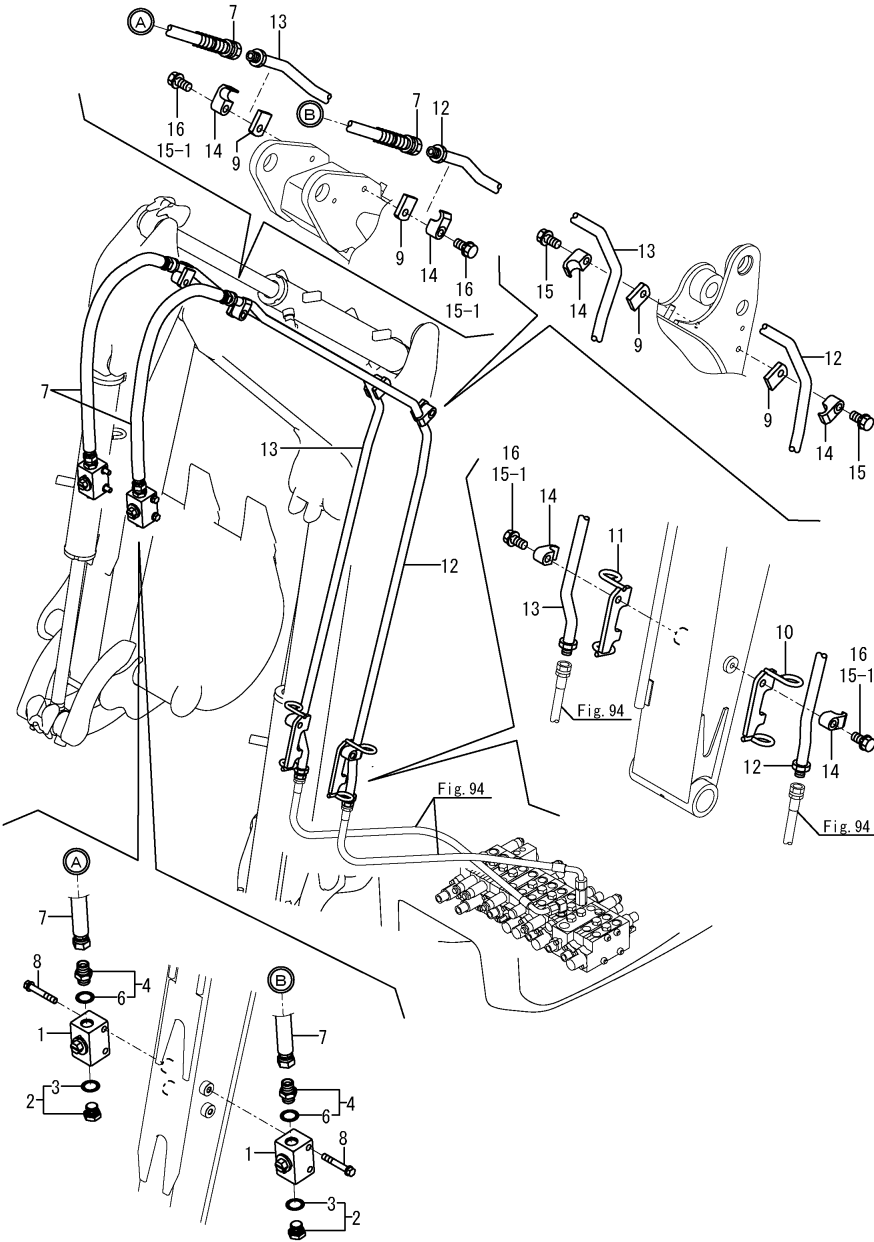
* Fitting(control valve) is shown in Fig.89.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.98. CONTROL VALVE - BOOM(P.T.O.)

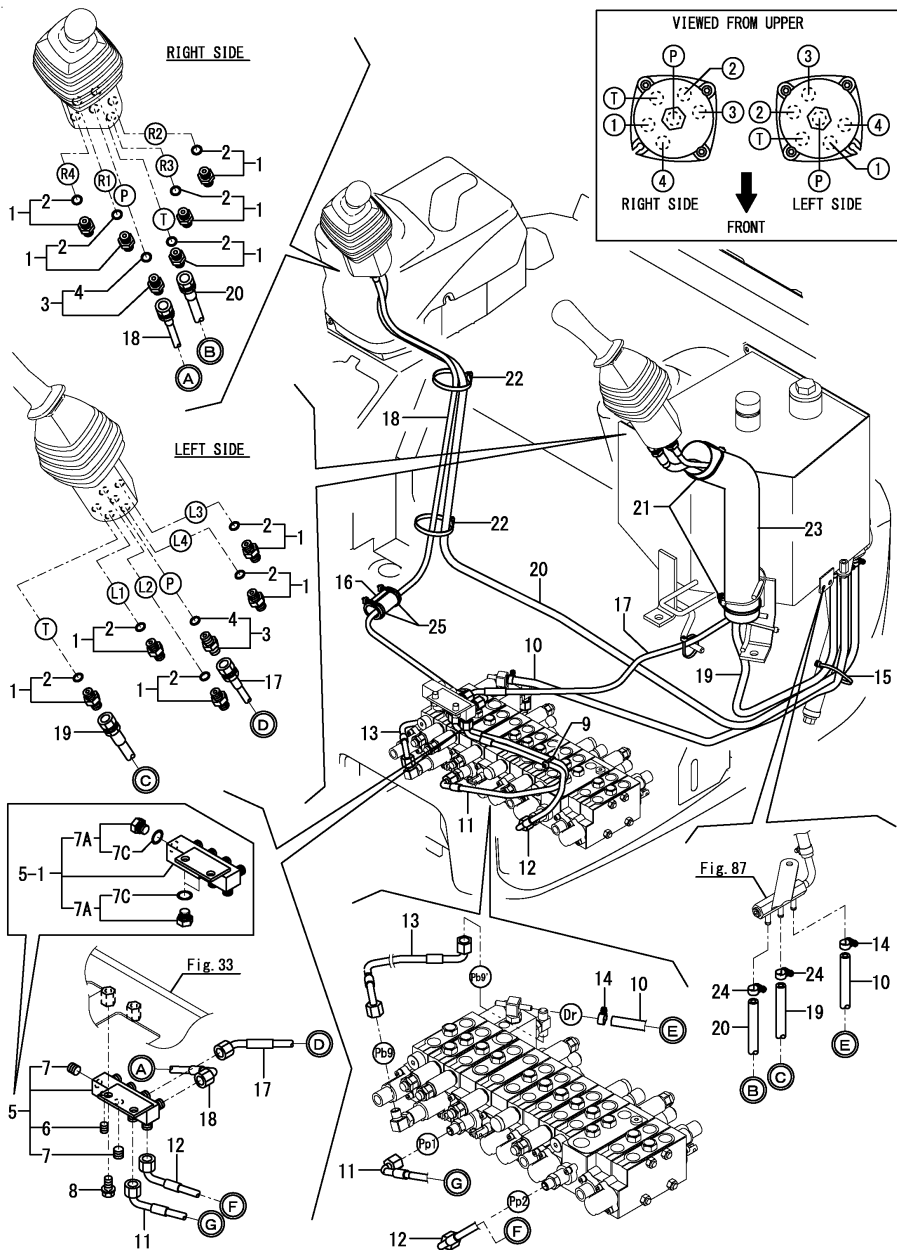
(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

(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						
2	1	172165-76581	PLUG, PF1/2,HEX.	2	2						
3	2	24319-000180	PACKING,HNBR-90 P 18	2	2						
4	1	172112-77362	CONNECTOR, PF1/2-1/2	2	2						
6	2	24319-000180	PACKING,HNBR-90 P 18	2	2						
7	1	172C02-78590	HOSE, H208BB067W	2	2						
8	1	26013-100652	BOLT, M10X 65	4	4						
9	1	172183-76250-3	PLATE, SPACER	4	4						
10	1	172A64-76250	GUIDE ASSY, HOSE PL	1	1						
11	1	172A64-76260	GUIDE ASSY, HOSE PR	1	1						
12	1	172A64-76600-2	TUBE ASSY, PTO L	1	1						
13	1	172A64-76630-2	TUBE ASSY, PTO R	1	1						
14	1	172142-76951-N	CLAMP, 1/2	6	6						
15	1	26014-120502	BOLT, 12 X 50	2	2						
15-1	1	26014-120502	BOLT, 12 X 50	6	6						K
16	1	(A=M19504) (B=M19504) 26014-120552	BOLT, M12X 55	4	4						Z

Remarks
* Fitting(control valve) is shown in Fig.89.

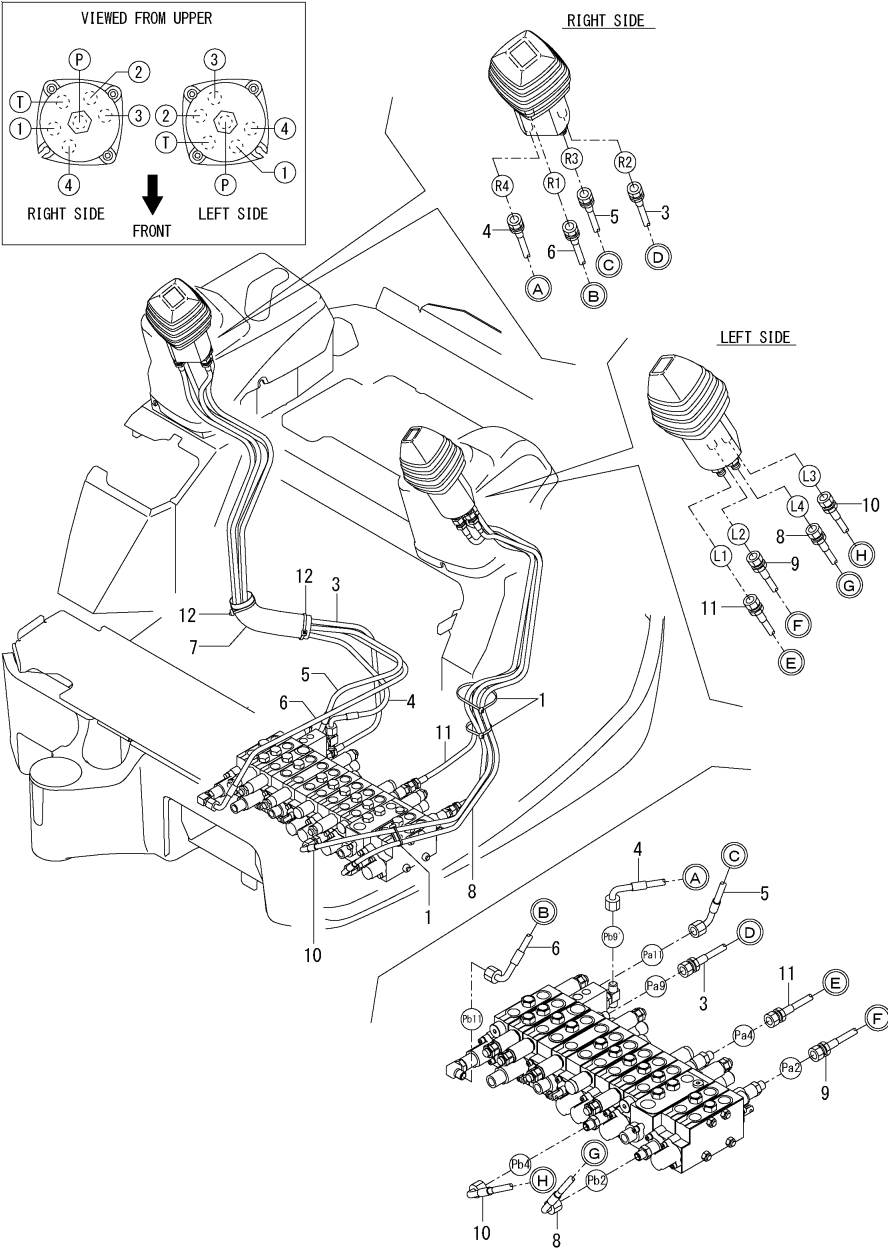


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76122	ADAPTER PF1/2	10	10						
2	2	24319-000110	PACKING,HNBR-90 P 11	10	10						
3	1	172455-76221	CONNECTOR PF1/4	2	2						
4	2	24319-000110	PACKING,HNBR-90 P 11	2	2						
5	1	172A47-76310	BLOCK, PILOT	1	1						
5-1	1	172A47-76340	CONNECTOR ASSY,PILOT	1	1						S
(A=M12458) (B=M12458)											
6	2	23871-010000	PLUG, R01	1	1						Z
(A=M12458) (B=M12458)											
7	2	23871-020000	PLUG, R02	2	2						Z
(A=M12458) (B=M12458)											
7A	2	172165-76591	PLUG, PF1/4	3	3						W
(A=M12458) (B=M12458)											
7C	3	24319-000110	PACKING,HNBR-90 P 11	3	3						W
(A=M12458) (B=M12458)											
8	1	26013-100162	BOLT, M10X 16	2	2						
9	1	172126-11510	BAND, BINDING 300	1	1						
10	1	172A64-78221	HOSE, G804YY077	1	1						
11	1	172A64-78630	HOSE, F403CC066	1	1						
12	1	172A64-78640	HOSE, F403CC042	1	1						
13	1	172A64-78700	HOSE, F403CC038	1	1						
13-1	1	172A64-78701	HOSE, F403CC038S	1	1						N
(A=M10514) (B=M10514)											
14	1	23000-013000	CLAMP, 13	2	2						
15	1	172126-11510	BAND, BINDING 300	1	1						
16	1	172A46-78500	HOSE, G812YY006	1	1						
17	1	172A64-78671	HOSE, F403BE115	1	1						
18	1	172A64-78681	HOSE, F403BC117	1	1						
19	1	172A64-78721	HOSE, G804BY120	1	1						
20	1	172A64-78730	HOSE, G804BY173	1	1						
21	1	172122-79890	CLAMP, HOSE 350	2	2						
22	1	172122-79930	CLAMP, HOSE B	2	2						
23	1	172137-79950	COVER FC425 24, HOSE	1	1						
24	1	23000-013000	CLAMP, 13	2	2						
25	1	933168-55770	BAND, BINDING 146	2	2						

Remarks
* Fitting(control valve) is shown in Fig.89.

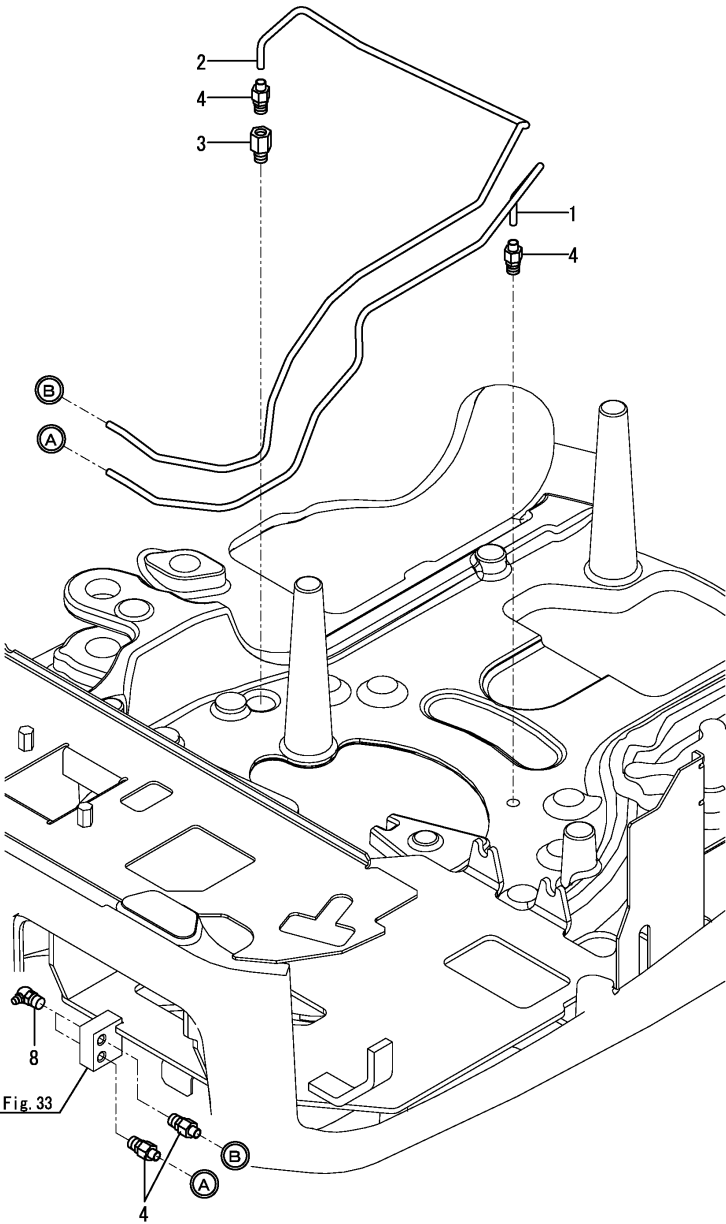


(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND, BINDING 300	3	3						
3	1	172A64-78790	HOSE, F403BB120	1	1						
4	1	172A64-78800	HOSE, F403BC117	1	1						
5	1	172A64-78810	HOSE, F403BC125	1	1						
6	1	172A64-78821	HOSE, F403BC150S	1	1						
7	1	172A64-78920	COVER, HOSE B	1	1						
8	1	172A64-79130	HOSE, F403BC132	1	1						
9	1	172A64-79140	HOSE, F403BB095	1	1						
10	1	172A64-79220	HOSE, F403BC138	1	1						
11	1	172A64-79230	HOSE, F403BB095	1	1						
12	1	933168-55770	BAND, BINDING 146	2	2						

Remarks
* Fitting(control valve) is shown in Fig.89.



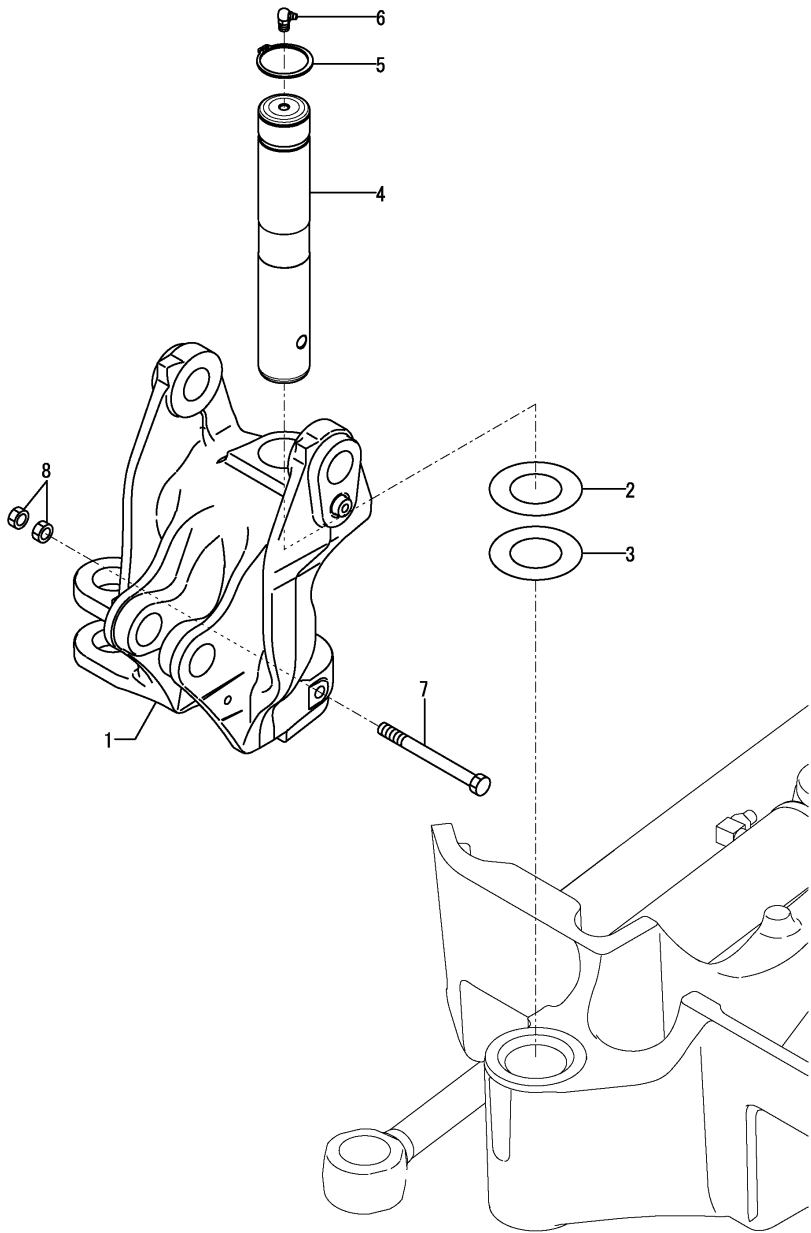
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(B)=VIO17-1B(KR)
(C)=

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

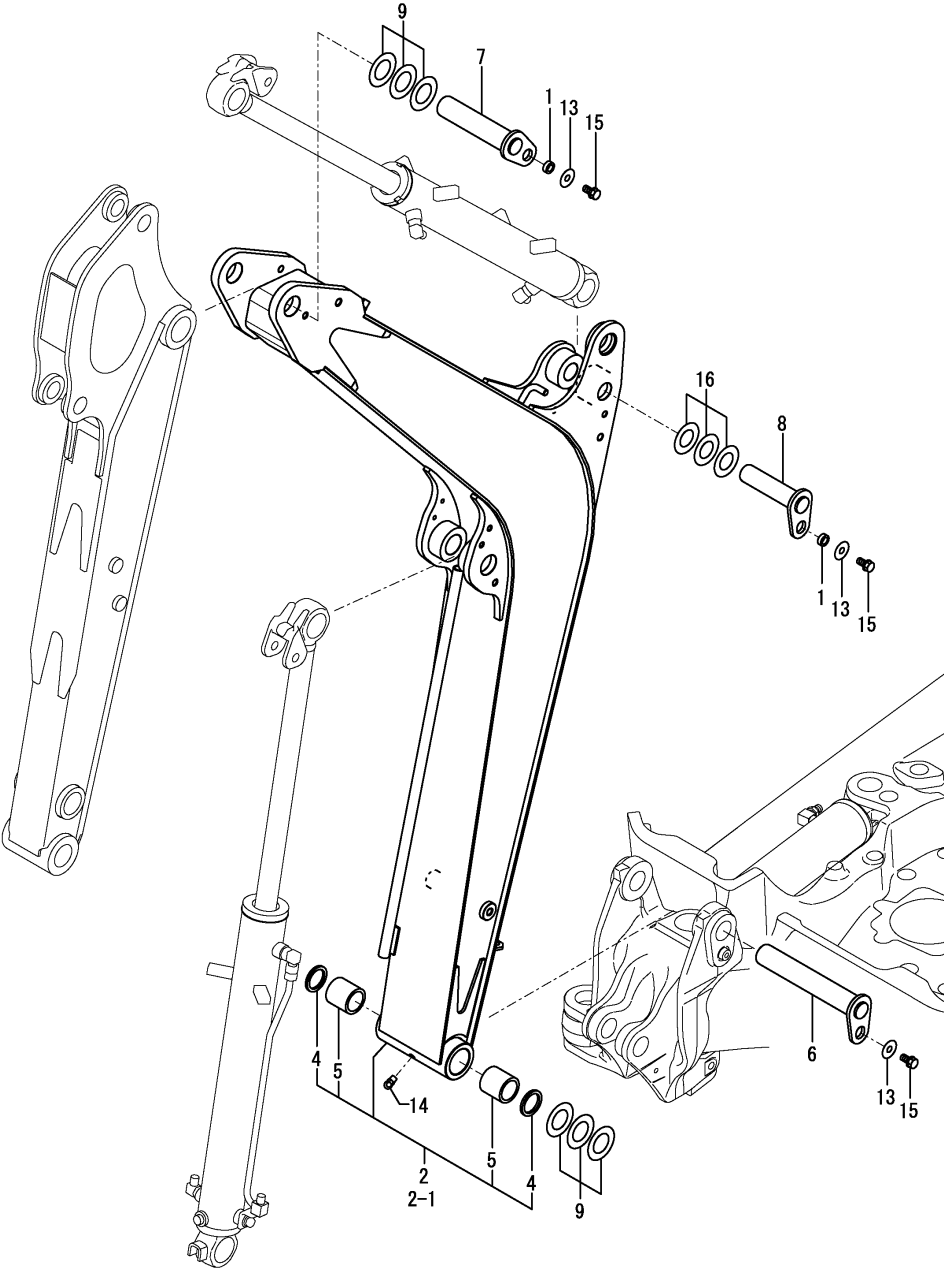
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172C02-77800	HOSE, P602YY092	1	1						
2	1	172C02-77810	HOSE, P602YY121	1	1						
3	1	172312-77820	FITTING, GREASE	1	1						
4	1	172A47-77820	JOINT, GREASE	4	4						
8	1	24761-050000	NIPPLE, GREASE C	2	2						

(A)=VIO17-1(KR)
(B)=VIO17-1B(KR)
(C)=

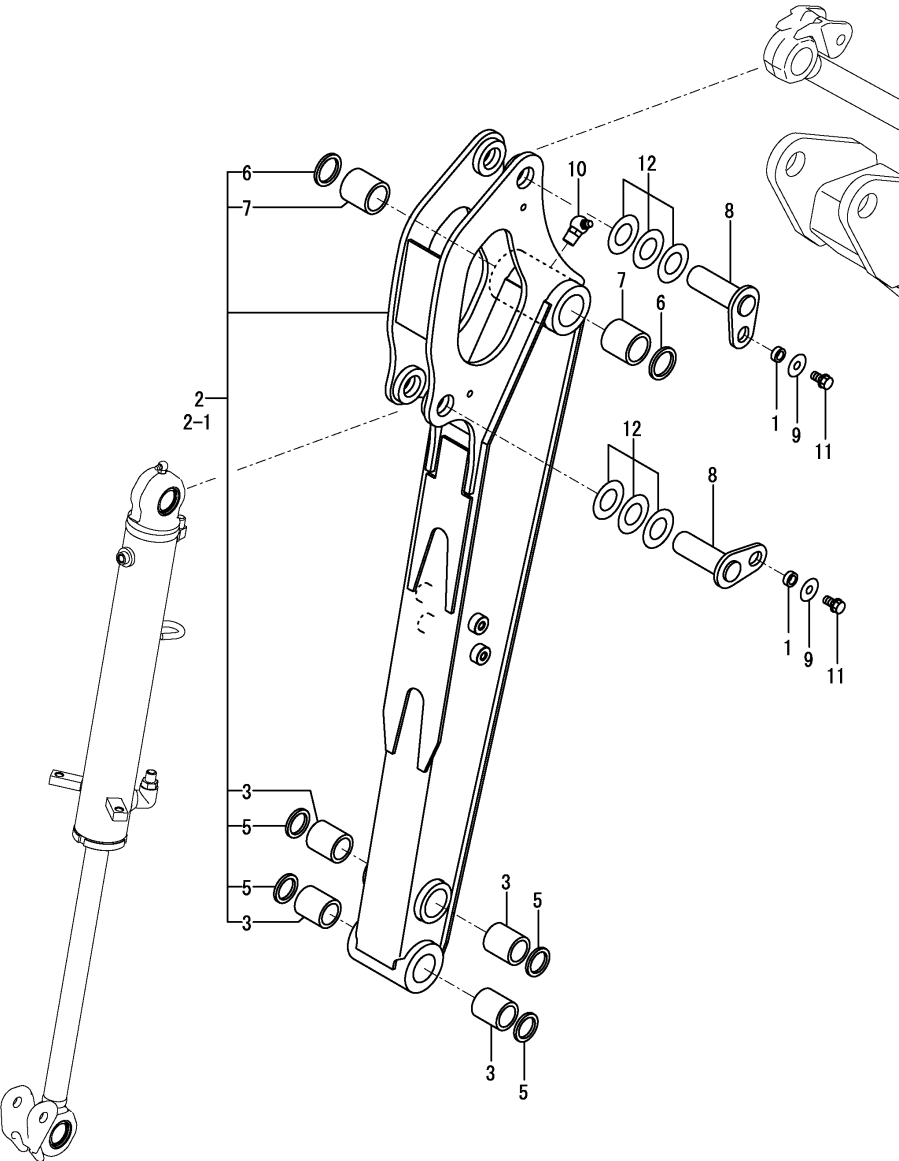
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82302-2	BRACKET, BOOM	1	1						
2	1	172165-82520	SHIM, 50X90X0.5	1	1						
3	1	172165-82530	SHIM, 50X90X1.2	1	1						
4	1	172C02-82640	PIN, 50X313	1	1						
5	1	22242-000500	RING, 50	1	1						
6	1	24761-050000	NIPPLE, GREASE C	1	1						
7	1	26116-121302	BOLT, M12X130 PLATED	1	1						
8	1	26756-120002	NUT, LOCK M12	2	2						

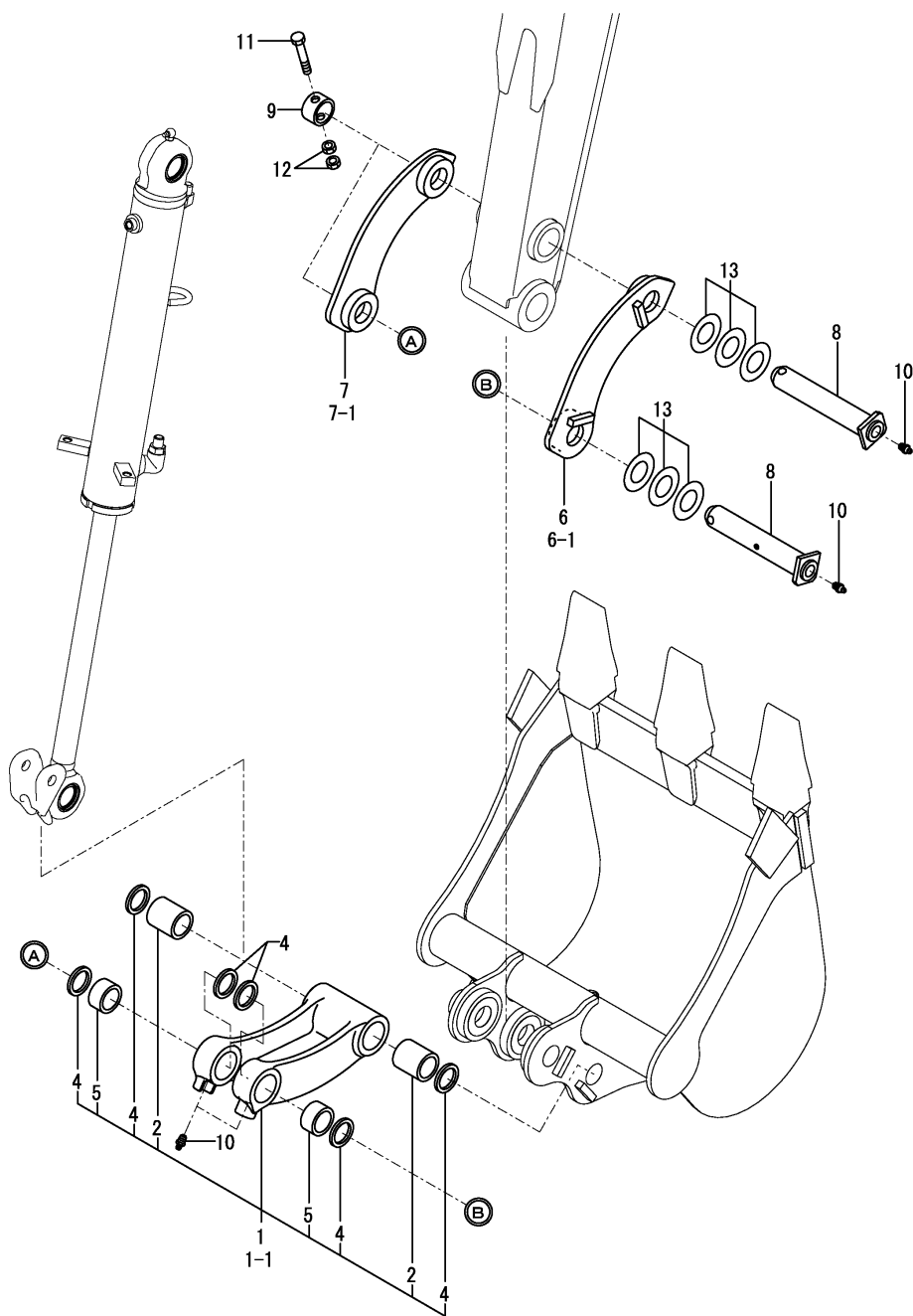


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172C02-81100	BOOM ASSY	1	1						
2-1	1	172C02-81100-1	BOOM ASSY	1	1						S
4	2	172448-81610	SEAL, DUST 35X45X4	2	2						
5	2	172141-82270	BUSH, PIN 35 45	2	2						
6	1	172A64-82601	PIN ASSY, 35X237	1	1						
7	1	172A64-82730	PIN ASSY, 35X155	1	1						
8	1	172A64-82790	PIN ASSY, 30X121	1	1						
9	1	172141-84601	SHIM ASSY, 35	2	2						
13	1	22157-100000	WASHER, 10	3	3						
14	1	24761-050000	NIPPLE, GREASE C	1	1						
15	1	26013-100252	BOLT, M10X 25	3	3						
16	1	933160-06711	SHIM ASSY, 30	1	1						

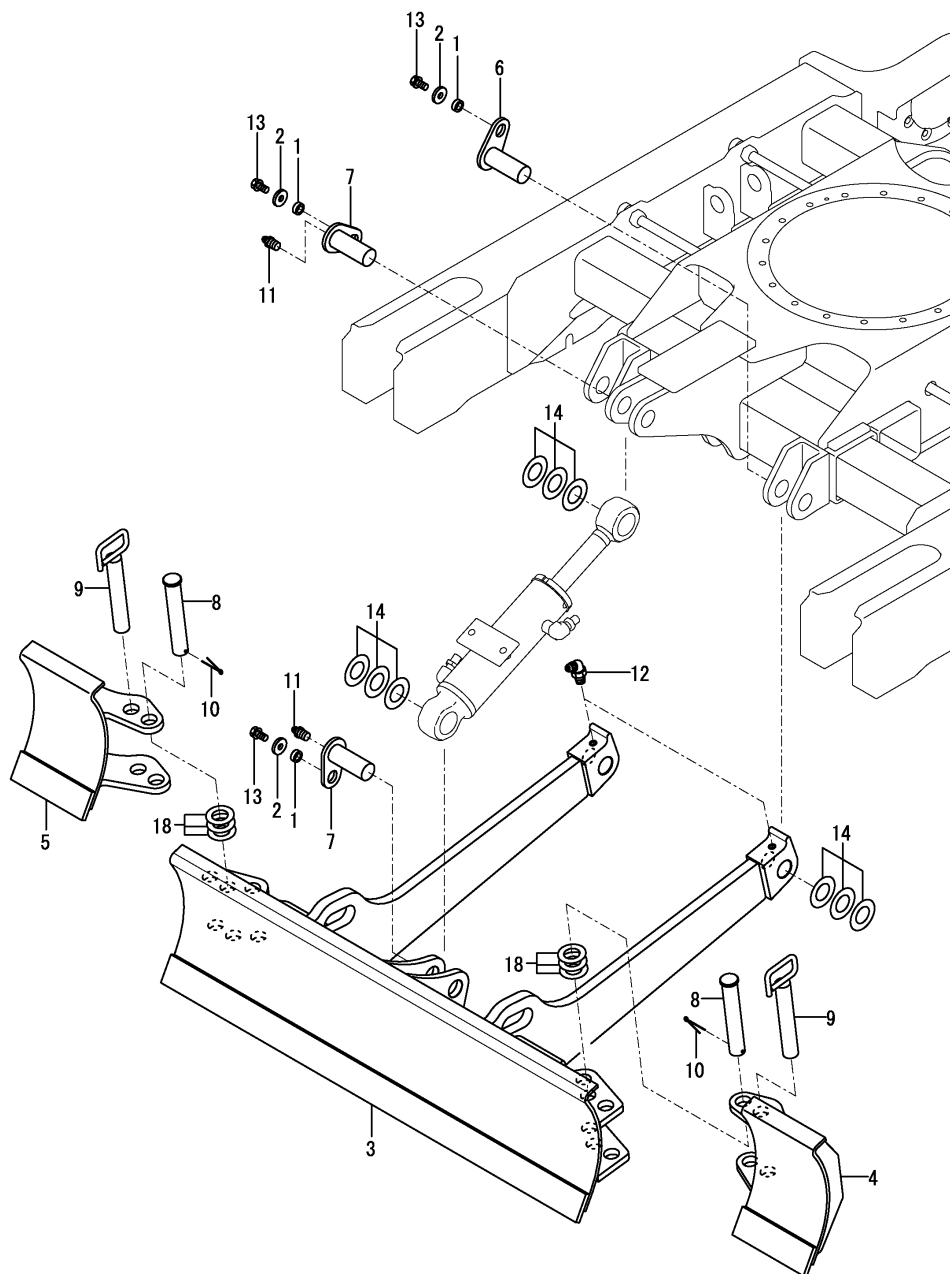


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172C02-81500	ARM ASSY,950	1	1						
2-1	1	172C02-81500-1	ARM ASSY,950	1	1					S	
(A=M11633) (B=M11633)											
3	2	172137-81300	BUSH, PIN 30 45	4	4						
5	2	172448-81600	SEAL, DUST 30X40X4	4	4						
6	2	172448-81610	SEAL, DUST 35X45X4	2	2						
7	2	172141-82270	BUSH, PIN 35 45	2	2						
8	1	172A64-82820	PIN ASSY, 30X87	2	2						
9	1	22157-100000	WASHER, 10	2	2						
10	1	24761-040000	NIPPLE, GREASE B	1	1						
11	1	26013-100252	BOLT, M10X 25	2	2						
12	1	933160-06711	SHIM ASSY, 30	2	2						

Fig.105. BUCKET ARM & LINK



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-81380-Y	LINK ASSY, BUCKET	1	1						
1-1	1	172A64-81380-3	LINK ASSY, BUCKET	1	1						S
		(A=M11633)	(B=M11633)								
2	2	172137-81300	BUSH, PIN 30 45	2	2						
4	2	172448-81600	SEAL, DUST 30X40X4	6	6						
5	2	172137-84451	BUSH, PIN 30X21	2	2						
6	1	172A64-81411-Y	ARM ASSY, BUCKET L	1	1						
6-1	1	172A64-81411-3	ARM ASSY, BUCKET L	1	1						S
		(A=M11633)	(B=M11633)								
7	1	172A64-81441-Y	ARM ASSY, BUCKET R	1	1						
7-1	1	172A64-81441-3	ARM ASSY, BUCKET R	1	1						S
		(A=M11633)	(B=M11633)								
8	1	172A64-82850	PIN ASSY, 30X159	2	2						
9	1	172A64-82880	COLLAR	2	2						
10	1	24761-020000	NIPPLE, GREASE PT1/8	4	4						
11	1	26116-100552	BOLT, M10X 55 PLATED	2	2						
12	1	26716-100002	NUT, M10	4	4						
13	1	933160-06711	SHIM ASSY, 30	2	2						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	4	4						
2	1	172110-36010	COLLAR	4	4						
3	1	172A64-94101	BLADE ASSY	1	1						
4	1	172C02-94250	BLADE ASSY,SIDE L	1	1						
5	1	172C02-94260	BLADE ASSY,SIDE R	1	1						
6	1	172A64-94350	PIN ASSY, 30X76 A	2	2						
7	1	172A64-94370	PIN ASSY, 30X76 B	2	2						
8	1	172C02-94700	PIN, 25X144	2	2						
9	1	172448-94710	PIN ASSY, 25	2	2						
10	1	22417-400400	PIN, COTTER 4.0X40	2	2						
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
12	1	24761-040000	NIPPLE, GREASE B	2	2						
13	1	26013-100252	BOLT, M10X 25	4	4						
14	1	933160-06711	SHIM ASSY, 30	4	4						
18	1	172156-81400	SHIM ASSY, 25-45	2	2						W
		(A=M10501)	(B=M10501)								

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.107. SAFETY ELEMENT(OPTIONAL)

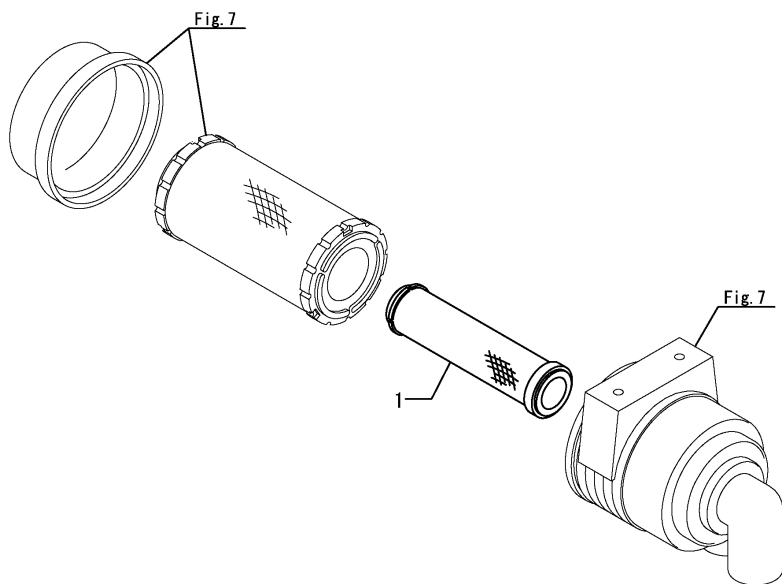
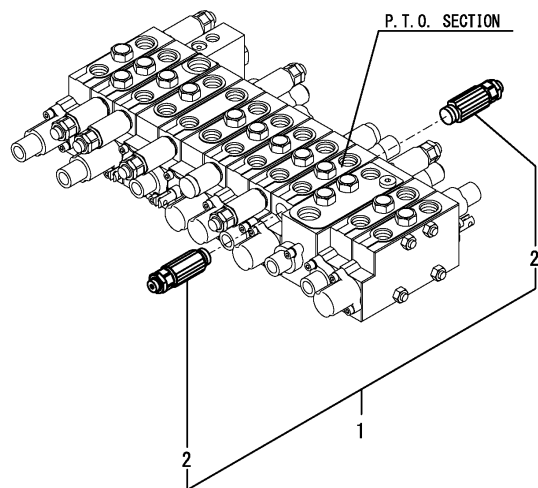
[illegible]

Fig.108. P.T.O. OVER LOAD VALVE KIT(OPTIONAL)

[illegible]

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	12	36
102103-55520	12	31
104200-55321	12	27
104200-55330	12	28
104200-55341	12	29
104200-55750	12	37
105027-12580	7	5
105425-01690	9	1
106990-44660	11	22
110250-55610	12	32
119233-12700	107	1
119247-77100	20	6
119258-12530	7	2
119653-77711	14	28
119655-12560	7	4
119802-55810	12	41
119808-12540	7	3
119813-44510	10	35
119934-55611	12	25
121250-49121	10	13
121256-44600-3	10	37
121257-55720	12	33
121257-55731	12	34
124064-55510	12	30
124450-44550	10	36
124701-11911	6	6
124766-59050	10	38
	12	42
129211-77920	14	29
129335-55701	12	26
129612-52100	12	24
129927-77920	14	30
171081-55910	12	38
172010-01640	66	1
	103	1
	104	1
	106	1
172068-28490	42	1
172110-36010	106	2
172112-16650	47	1
172112-77362	88	13
	98	4
172113-12522	8	3
172116-75850-B	87	12
172116-76382	89	27
		40
172117-83970-7	69	36
172122-17190	16	4
	28	1
	29	1

Parts No.	Fig. No.	Ref. No.
172122-17190	56	3
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	63	2
172122-46590	36	14
172122-70350	73	13
172122-73430	73	26
172122-73470	73	39
172122-73480	73	40
172122-79890	86	10
	99	21
172122-79920	97	14
172122-79930	99	22
172123-76122	66	36
	67	30
	68	29
	69	25
	70	24
	71	22
	88	4
	89	1
	96	4
	99	1
172124-46200	32	4
	36	12
172124-46340-1	36	13
172124-76161	89	7
	91	2
172125-03951	3	5
172126-11510	12	1
	14	2
	21	1
	93	6
	97	1
	99	9
		15
	100	1
172131-76130	91	1
172137-16560	12	23
	13	9
	14	4
	15	3
172137-37850	25	20
	26	20
172137-70490	74	2
	75	3
172137-70570	74	3
	75	4
172137-70580	74	4
	75	5
172137-70590	74	5

Parts No.	Fig. No.	Ref. No.
172137-70590	75	6
172137-70600	74	6
	75	7
172137-79950	99	23
172137-81300	104	3
	105	2
172137-84451	105	5
172141-41340	36	1
172141-41370	32	2
	36	3
		6
172141-70110	73	9
172141-70150	73	11
172141-70160	73	12
172141-70450	73	4
172141-72250	67	16
	69	11
172141-76181	89	14
	91	4
172141-76900	89	32
172141-76920	86	5
	88	10
	89	35
172141-77260	74	29
172141-82270	103	5
	104	7
172141-84601	66	48
	103	9
172142-72560	69	17
172142-76181	89	17
172142-76951-N	98	14
172146-82910	69	35
172147-62290	14	19
172147-70120	73	10
172147-70500	73	15
172147-76180	90	1
		2
172147-76261	89	25
172148-73350	74	7
172149-72242	66	30
172149-72440	67	19
		23
	68	17
		22
	70	14
		18
172151-73400	85	2
172151-73420	85	3
172151-73450	85	4
172156-81400	106	18

Parts No.	Fig. No.	Ref. No.
172157-45840	22	3
172157-45990	40	11
	42	13
172157-76300	94	4
		4 -2
172162-14200	11	11
172162-46690	41	6
172162-68370	43	5
172162-76132	89	3
172162-76320	90	3
172164-45970	38	5
172165-46340	40	12
	42	14
172165-47550	32	9
172165-62830	56	17
172165-76581	98	2
172165-76591	88	7
	99	7 A
172165-82520	102	2
172165-82530	102	3
172165-82580	69	30
172165-82590	69	31
172165-82600	69	32
172168-71951	73	5
172168-72410	69	14
172168-73370	72	5
172168-73590	74	14
	75	11
172171-54750	47	6
172173-72550	67	29
	68	25
	71	15
172173-73520	74	8
	75	8
172173-73690	74	16
	75	13
172173-73700	74	17
172176-67790	54	15
172176-68210	46	3
	47	9
172179-13211	9	7
172183-03280	4	2
	5	2
172183-11400	6	3
172183-73510	73	29
172183-73520	73	30
172183-73560	73	31
172183-73570	73	32
172183-73660	73	33
172183-73670	73	78

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Parts No.	Fig. No.	Ref. No.
172183-76201	89	21
172183-76250-3	98	9
172186-13810	10	31
172186-76390	90	4
172187-17560	19	1
172187-17570	19	2
172187-17760	19	4
172187-17761	19	4 -1
172187-17762	19	4 -2
172187-45530	40	4
	42	5
172187-45651	40	6
	42	7
172187-45760	40	10
	42	11
172187-45870	36	10
172187-45880	36	11
172187-76170	89	12
172187-78580	12	47
172312-74790	73	79
172312-77820	101	3
172421-73400	73	38
172422-73140	65	4
172422-73160	65	7
172422-73170	65	34
172422-73200	65	8
172422-73220	65	10
172422-73280	65	44
172422-73290	65	45
172422-73500	65	46
172422-73510	65	35
172422-73520	65	47
172422-73530	65	48
		49
172422-73540	65	50
172422-73550	65	22
		51
172422-73560	65	52
172422-73570	65	36
172422-73580	65	54
172422-73590	65	55
172422-73610	65	56
172422-73620	65	23
172422-73630	65	24
172422-73640	65	26
172422-73650	65	28
172422-73660	65	29
172422-73670	65	30
172422-76131	89	5
172437-03242	4	4

Parts No.	Fig. No.	Ref. No.
172437-03242	5	4
172437-03252	4	28
	5	28
172437-03302	4	13
	5	13
172437-03312	4	14
	5	14
172437-03322	3	3
172437-03343	4	15
	5	15
172437-03352	1	6
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	110	3
172437-03361	4	16
	5	16
172437-03372	4	17
	5	17
172437-03391	1	8
	2	8
	109	5
	110	5
172437-03402	1	9
	2	9
	109	6
	110	6
172437-03422	1	11
	2	11
	109	8
	110	9
172437-03432	4	18
	5	18
172437-03451	4	19
	5	19
172437-03461	1	12
	2	12
	109	9
	110	10
172437-03471	4	20
	5	20
172437-03501	4	21
	5	21
172437-03511	1	15
	2	15
172437-03512	1	15 -1
	2	15 -1
	109	12
	110	12
172438-03300	1	19
	2	19

Parts No.	Fig. No.	Ref. No.
172438-03300	109	2
	110	2
172441-44320	43	1
172444-13210	10	11
172444-13220	10	12
172444-17660	46	17
	59	1
172444-54920	47	8
172445-62010	52	4
172446-03652	4	22
	5	22
172446-13330	10	15
172446-13450	10	7
172446-14250	11	18
172446-75250	87	6
172446-78750-4	55	6 -1
172446-78750-Y	55	6
172446-78770	55	7
172447-13260	9	8
172447-17150	14	6
172447-57601	48	2
172447-72860	70	21
172447-74221	82	12
172447-74230	81	2
	82	13
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172C02-13510	10	21
172C02-13520	10	22
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172C02-16130	15	1
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0CB10-M75300EN

Precautions

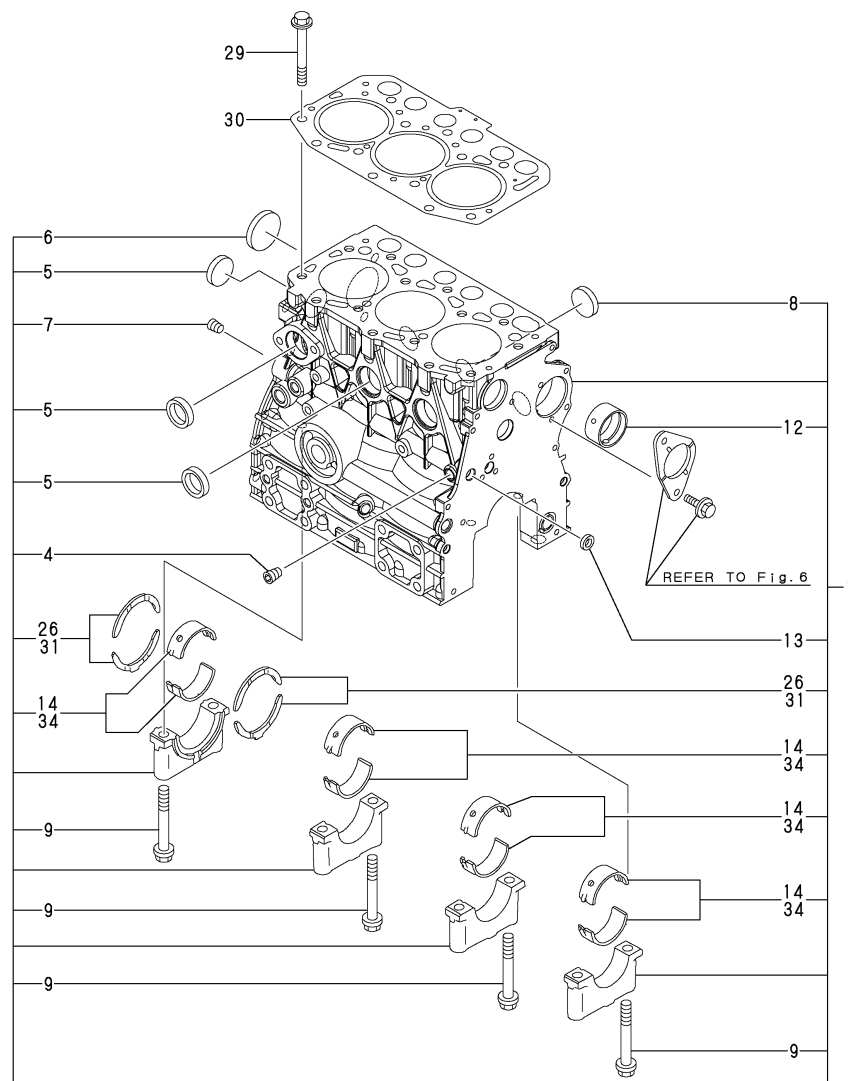
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1.	CYLINDER BLOCK		
2.	GEAR HOUSING		
3.	FLYWHEEL HOUSING & OIL SUMP		
4.	CYLINDER HEAD & BONNET		
5.	EXHAUST MANIFOLD		
6.	CAMSHAFT & DRIVING GEAR		
7.	CRANKSHAFT & PISTON		
8.	LUB. OIL SYSTEM		
9.	COOLING WATER SYSTEM		
10.	FUEL INJECTION PUMP		
11.	GOVERNOR		
12.	FUEL INJECTION VALVE		
13.	STARTER MOTOR		
14.	GENERATOR		
15.	GASKET SET & TOOL		

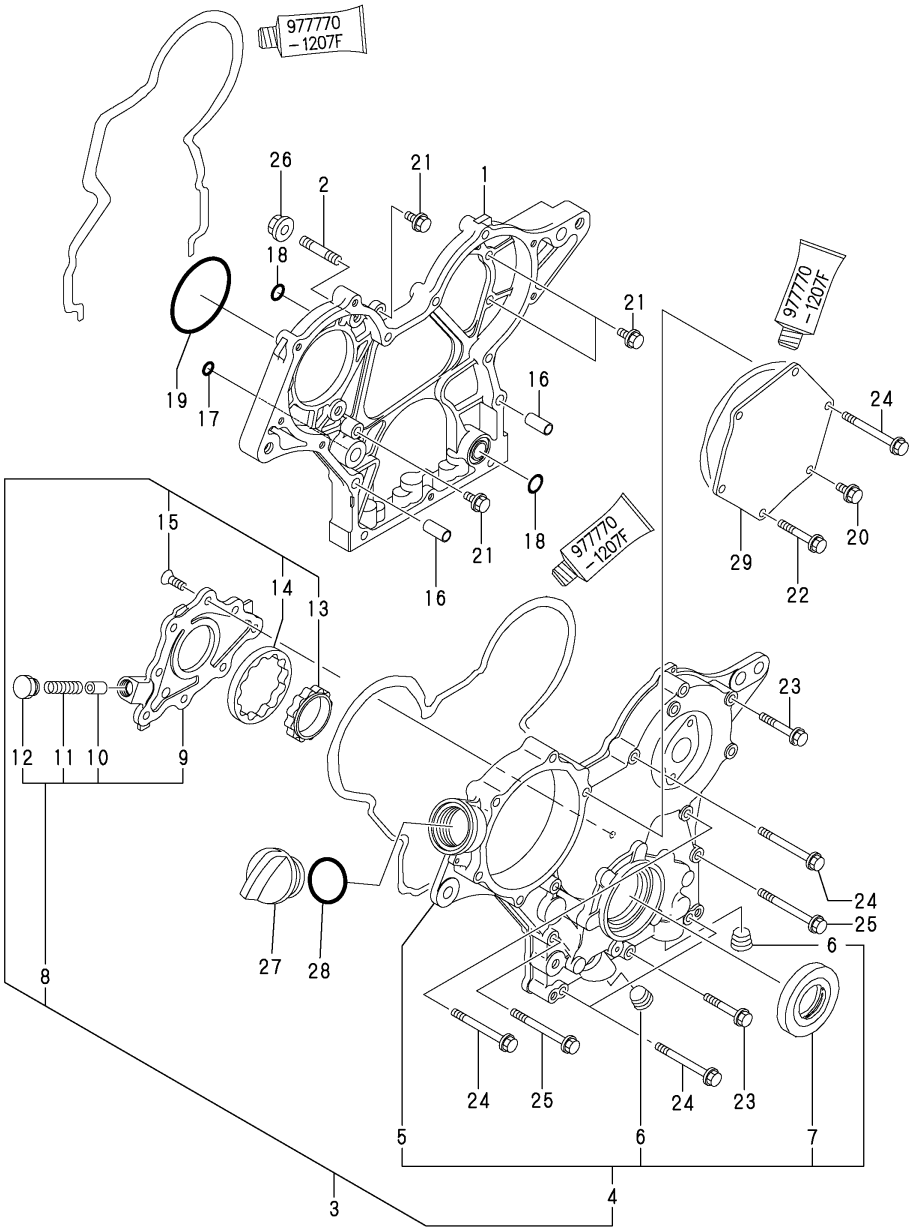


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719515-01560	BLOCK ASSY, CYLINDER	1							
4	3	124060-01050	PLUG, PT1/8	1							
5	3	105311-01090	PLUG, CUP TYPE 30	4							
6	3	119623-01250	PLUG, DISH TYPE 45	1							
7	3	124160-01910	PLUG, PT1/4	1							
8	3	119285-01990	PLUG, CUP TYPE 25	3							
9	3	119620-02020	BOLT, METAL CAP	8							
12	3	119717-02411	BUSH, CAMSHAFT	1							
13	3	27241-120000	PLUG, 12	1							
14	2	719717-02901	BEARING ASSY, MAIN	4							1
26	2	119810-02931	BEARING, THRUST	2							1
29	1	119515-01200	BOLT, CYLINDER HEAD	14							
30	1	119515-01330	GASKET, HEAD	1							
31	1	119810-02941	BEARING, THRUST 0.25	2							2
34	1	719717-02911	BEARING ASSY. MAIN	4							3

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

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.2. GEAR HOUSING

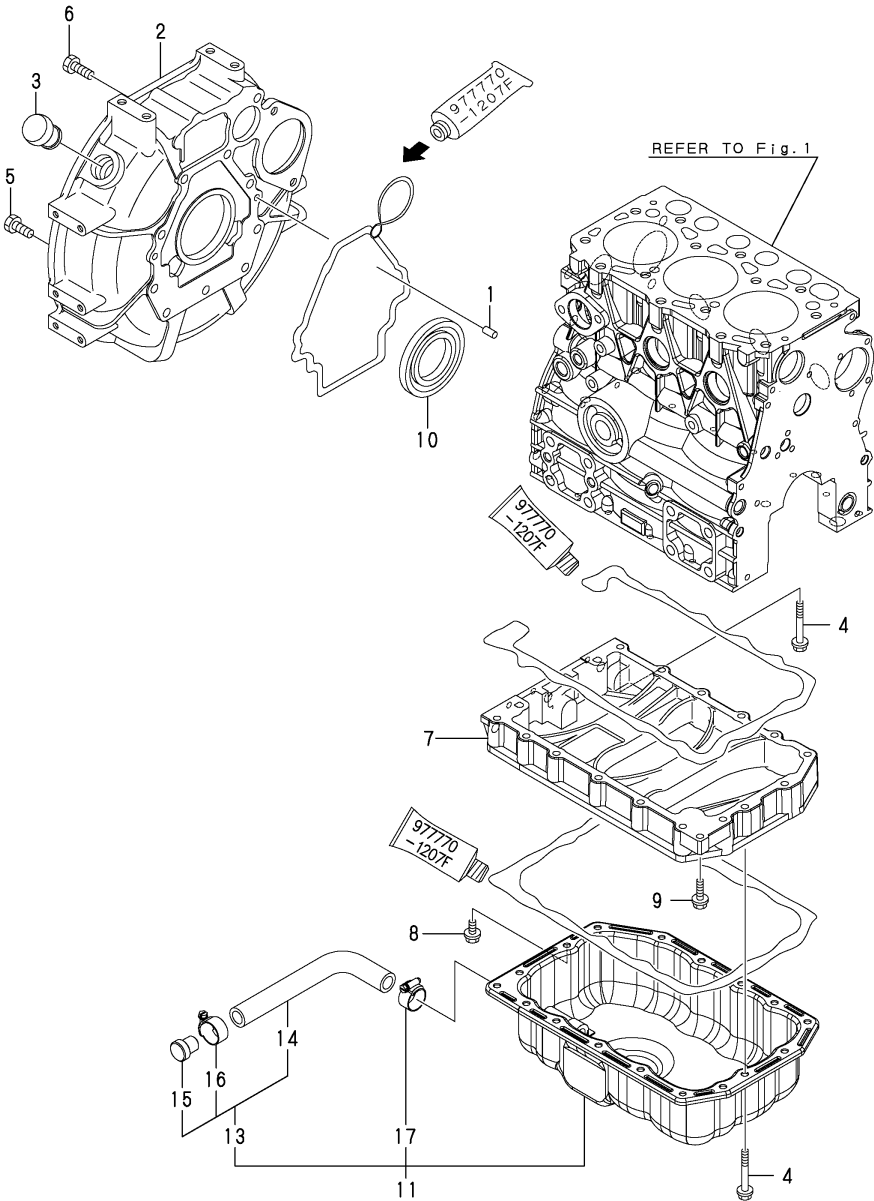


(A)=3TNV70-XBV
(B)=
(C)=

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

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	BOLT, STUD	3							
3	1	119734-01590	COVER ASSY,GEAR CASE	1							
4	2	719734-01500	COVER ASSY,GEAR CASE	1							
5	3	119717-01521	COVER, GEAR CASE	1							
6	3	23876-030000	PLUG, R03	2							
7	3	119717-01800	SEAL, OIL	1							
8	2	119717-32100	COVER ASSY	1							
9	3	119717-32080	COVER, 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	119660-01911	PIPE, DOWEL 6X17	4							
17	1	119624-32040	O-RING, P12.0	1							
18	1	119717-32050	O-RING, P17.0	3							
19	1	121850-51960	O-RING	1							
20	1	26106-060122	BOLT, M6X 12 PLATED	1							
21	1	26106-060162	BOLT, M6X 16 PLATED	4							
22	1	26106-060402	BOLT, M6X 40 PLATED	4							
23	1	26106-060402	BOLT, M6X 40 PLATED	3							
24	1	26106-060602	BOLT, M6X 60 PLATED	7							
25	1	26106-060652	BOLT, M6X 65 PLATED	2							
26	1	26306-080002	NUT, M8	3							
27	1	124160-01751	CAP, FILLER	1							
28	1	24311-000320	O-RING, 1AP32.0	1							
29	1	119717-01750	COVER, PUMP	1							

Fig.3. FLYWHEEL HOUSING & OIL SUMP



(A)=3TNV70-XBV
(B)=
(C)=

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

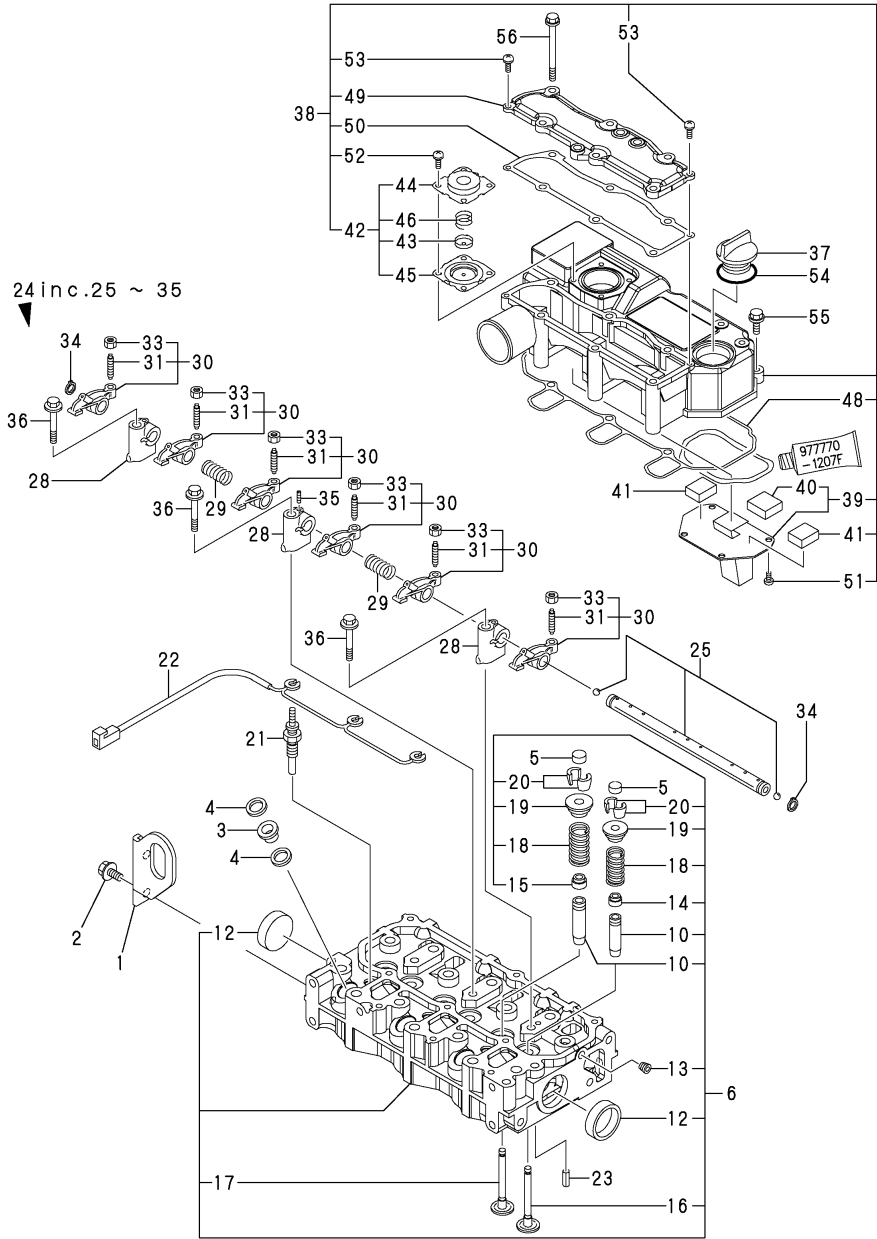
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	129100-01580	PIN, PARALLEL 8X16	2							
2	1	119515-01601	HOUSING, FLYWHEEL	1							
3	1	119620-01750	CAP	1							
4	1	26106-060452	BOLT, M6X 45 PLATED	17							
5	1	26206-100252	BOLT, M10X 25 PLATED	7							
6	1	121120-01620	BOLT, M10X28	3							
7	1	119515-01720	SPACER, OIL-PAN	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	1							
9	1	26106-060252	BOLT, M6X 25 PLATED	1							
10	1	124085-02220	SEAL, OIL	1							
11	1	119540-01780	OIL PAN ASSY	1							
13	2	119540-39910	HOSE ASSY, OIL DRAIN	1							
14	3	119540-39930	HOSE, DRAIN	1							
15	3	119656-39930	PLUG, DRAIN M14	1							
16	3	23001-022000	CLAMP, HOSE 22	1							
17	2	23001-022000	CLAMP, HOSE 22	1							

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4. CYLINDER HEAD & BONNET

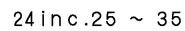
(A)=3TNV70-XBV
(B)=
(C)=

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



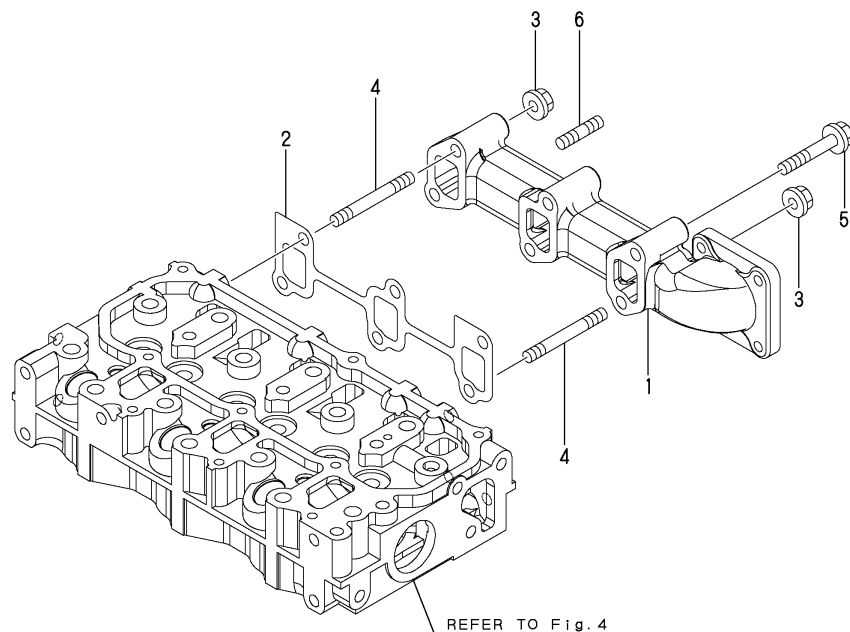
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119718-07910	LIFTER, ENGINE	1							
2	1	26106-080162	BOLT, M8X 16 PLATED	2							
3	1	129901-11450	PROTECTOR, NOZZLE	3							
4	1	119600-11460	GASKET, NOZZLE	6							
5	1	105010-11490	CAP, VALVE	6							
6	1	119515-11740	HEAD ASSY, CYLINDER	1							
10	3	119515-11800	GUIDE, VALVE	6							1
12	3	119285-11990	PLUG, 35	2							
13	3	23876-005000	PLUG, R005	1							
14	2	119717-11340	SEAL, VALVE STEM	3							
15	2	119717-11350	SEAL, VALVE STEM	3							
16	2	119515-11101	VALVE, INTAKE	3							
17	2	119515-11110	VALVE, EXHAUST	3							
18	2	119717-11131	SPRING, VALVE	6							
19	2	129508-11180	RETAINER, SPRING	6							
20	2	119717-11190	COTTER, VALVE	12							
21	1	119717-77800	PLUG, GLOW	3							
21-1	1	119717-77801	PLUG, GLOW	3							N
(A=E87243)											
21-2	1	119717-77810	PLUG, GLOW 12V	3							N
(A=*2022.06)											
22	1	119717-77820	CONNECTOR, GLOW PLUG	1							
23	1	22351-060012	PIN, SPRING 6.0X12	2							
24	1	119515-11200	SUPPORT ASSY, ROCKER	1							
25	2	119515-11240	SHAFT ASSY, ARM	1							
28	2	119717-11260	SUPPORT, ROCKER ARM	3							
29	2	119515-11280	SPRING, SHAFT	2							
30	2	119717-11650	ARM ASSY, ROCKER INT	6							
31	3	129150-11230	SCREW, VALVE ADJUST	6							
33	3	129150-11750	NUT, M8XP1.0	6							
34	2	22242-000120	RING, 12	2							
35	2	26979-050162	SCREW, M5X16	1							
36	1	26106-080402	BOLT, M8X 40 PLATED	3							
37	1	124160-01751	CAP, FILLER	1							
38	1	119515-11380	BONNET ASSY, HEAD	1							
39	2	119717-03031	PLATE, BAFFLE	1							
40	3	119717-03070	BAFFLE, BREATHER	1							
41	2	119717-03070	BAFFLE, BREATHER	2							
42	2	119802-03100	DIAPHRAGM ASSY	1							
43	3	119802-03110	PLATE, DIAPHRAGM	1							
44	3	119802-03121	COVER, DIAPHRAGM	1							
45	3	119802-03131	DIAPHRAGM, BREATHER	1							
46	3	119802-03141	SPRING, DIAPHRAGM	1							
48	2	119515-11310	GASKET, BONNET	1							
49	2	119515-11320	COVER, BONNET	1							
50	2	119515-11330	GASKET, BONNET COVER	1							
51	2	22857-500100	SCREW, 5X10	4							
52	2	22857-500100	SCREW, 5X10	4							
53	2	22857-500160	SCREW, 5X16	2							
54	1	24311-000320	O-RING, 1AP32.0	1							
55	1	26106-060202	BOLT, M6X 20 PLATED	3							

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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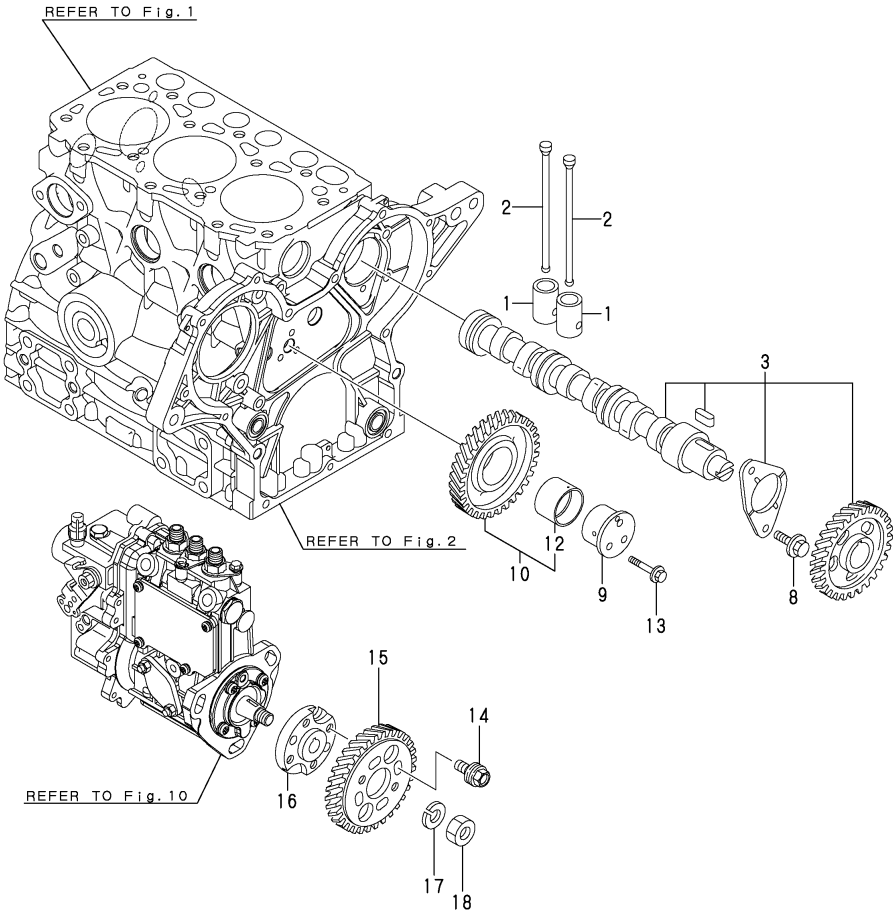
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119540-13100	MANIFOLD, EXHAUST	1							
2	1	119717-13110	GASKET, EXH MANIFOLD	1							
3	1	26306-080002	NUT, M8	2							
4	1	119717-13600	BOLT, STUD M8X50	2							
5	1	119802-13620	BOLT, M8X50	4							
6	1	119131-18320	BOLT, STUD M8X22	4							

Fig.6. CAMSHAFT & DRIVING GEAR

(A)=3TNV70-XBV
(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	119515-14400	PUSH-ROD	6							
3	1	119515-14581	CAMSHAFT ASSY	1							
8	1	26106-060122	BOLT, M6X 12 PLATED	2							
9	1	119717-25050	SHAFT, IDLE	1							
10	1	119717-25101	GEAR ASSY, IDLE	1							
12	2	119717-25911	BUSH, IDLE GEAR	1							1
13	1	26106-060352	BOLT, M6X 35 PLATED	3							
14	1	129150-25301	BOLT	4							
15	1	119717-25930	GEAR, PUMP	1							
16	1	119717-51150	FLANGE	1							
17	1	22217-120000	WASHER, SPRING 12	1							
18	1	26716-120002	NUT, M12	1							



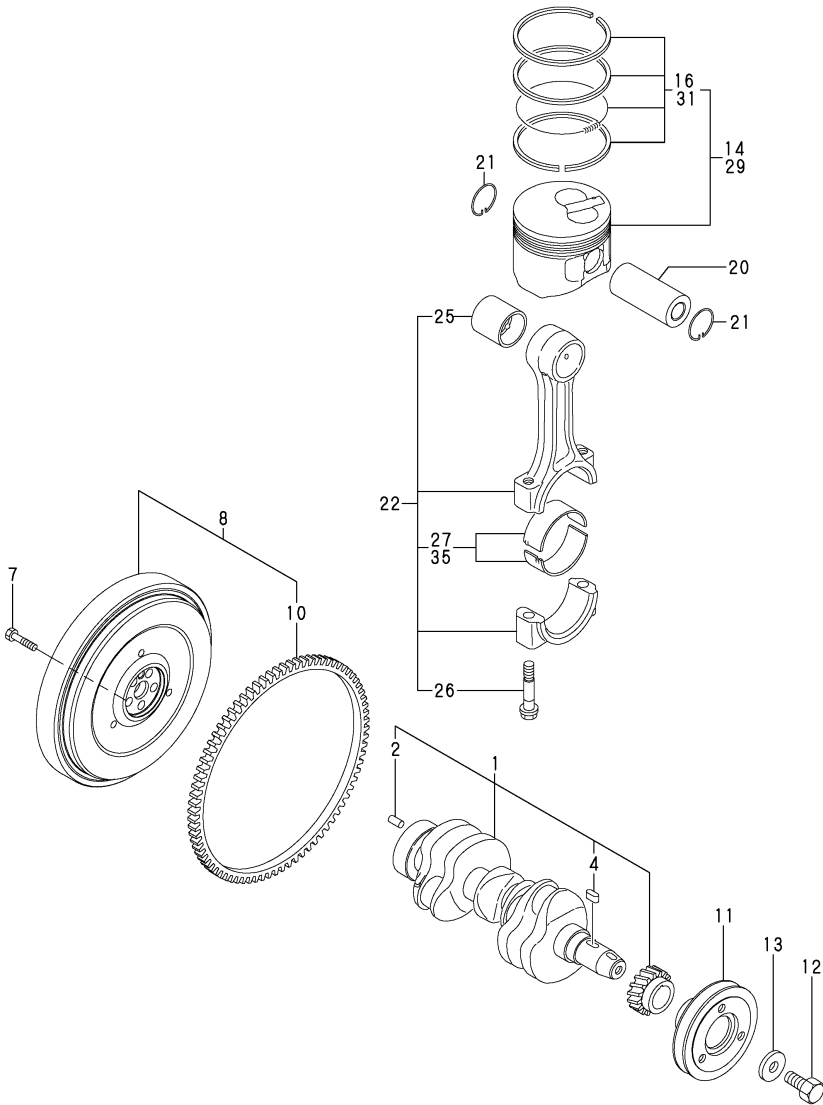
Remarks
(1)Spare parts.

0CB10-M75300 ENGINE
Fig.7. CRANKSHAFT & PISTON

(A)=3TNV70-XBV
(B)=
(C)=

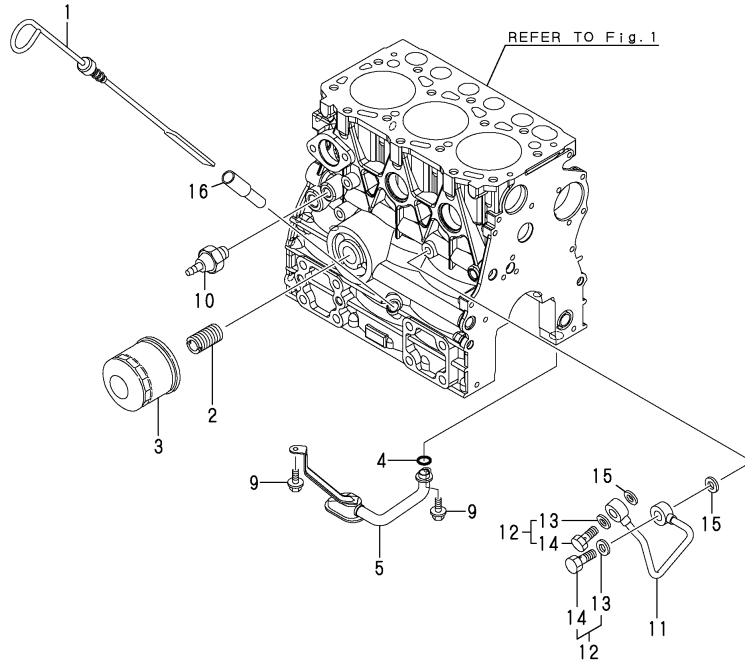
0CB10-M75300 Fig.7

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-21700	CRANKSHAFT ASSY	1							
2	2	129100-01580	PIN, PARALLEL 8X16	1							
4	2	22512-040120	KEY, 4X 12	1							
7	1	119620-21500	BOLT, FLYWHEEL	5							
8	1	119515-21590	FLYWHEEL ASSY	1							
10	2	124950-21600	GEAR, RING	1							
11	1	119717-21650	V-PULLEY, CRANKSHAFT	1							
12	1	119621-21680	BOLT, FLANGE 12X1.25	1							
13	1	119620-21941	WASHER	1							
14	1	119515-22080	PISTON ASSY	3							
16	2	119515-22500	RING SET, PISTON	3							
20	1	119515-22300	PIN, PISTON	3							
21	1	22252-000220	RING, 22	6							
22	1	119515-23000	ROD ASSY, CONNECTING	3							
25	2	119717-23910	BEARING, PISTON PIN	3							1
26	2	119717-23200	BOLT, CONNECTING ROD	6							
27	2	119515-23601	BEARING, CRANK PIN	3							1
29	1	119515-22900	PISTON ASSY, 0.25 OS	3							2
31	2	119515-22550	RING SET, 0.25 OS	3							2
35	1	119515-23611	BEARING ASSY, 0.25	3							3

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

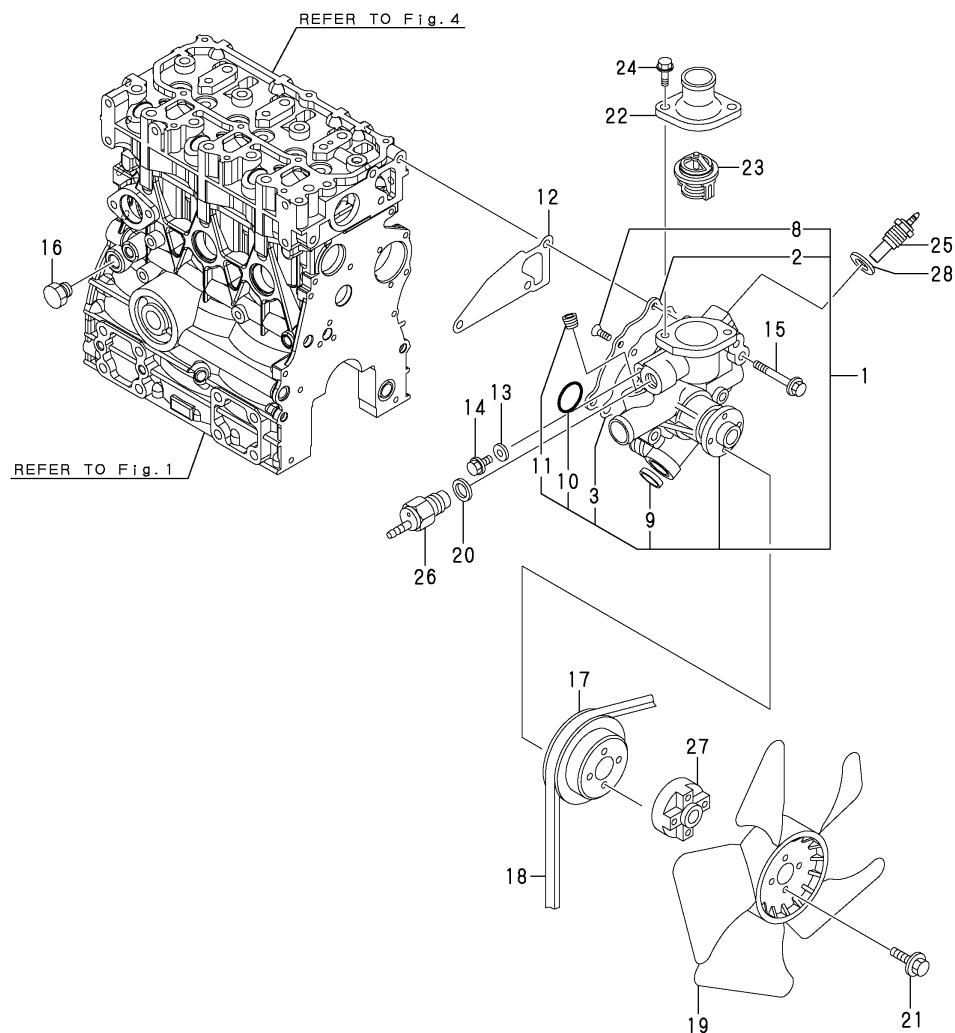


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-34801	DIPSTICK	1							
2	1	129100-35140	BOLT, STUD	1							
3	1	119305-35170	FILTER ASSY, D68XL65	1							
4	1	119717-32060	O-RING, P15.0	1							
5	1	119515-35080	PIPE ASSY, OIL INLET	1							
9	1	26106-060102	BOLT, M6X 10 PLATED	2							
10	1	114250-39450	SWITCH, HYDRAULIC	1							
11	1	119717-39210	PIPE, OIL	1							
12	1	129005-59830	BOLT ASSY, JOINT M8	2							
13	2	22190-080002	WASHER, SEAL 8	2							
14	2	23857-030000	BOLT, JOINT 3	2							
15	1	22190-080002	WASHER, SEAL 8	2							
16	1	121520-34810	GUIDE, DIPSTICK	1							

(1) Spare parts.

N:Old $\begin{matrix} \text{Yes} \\ \text{No} \end{matrix}$ New, Q:Old $\begin{matrix} \text{No} \\ \text{Yes} \end{matrix}$ New, R:Old $\begin{matrix} \text{Yes} \\ \text{Yes} \end{matrix}$ New, S:Old $\begin{matrix} \text{No} \\ \text{No} \end{matrix}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.9. COOLING WATER SYSTEM

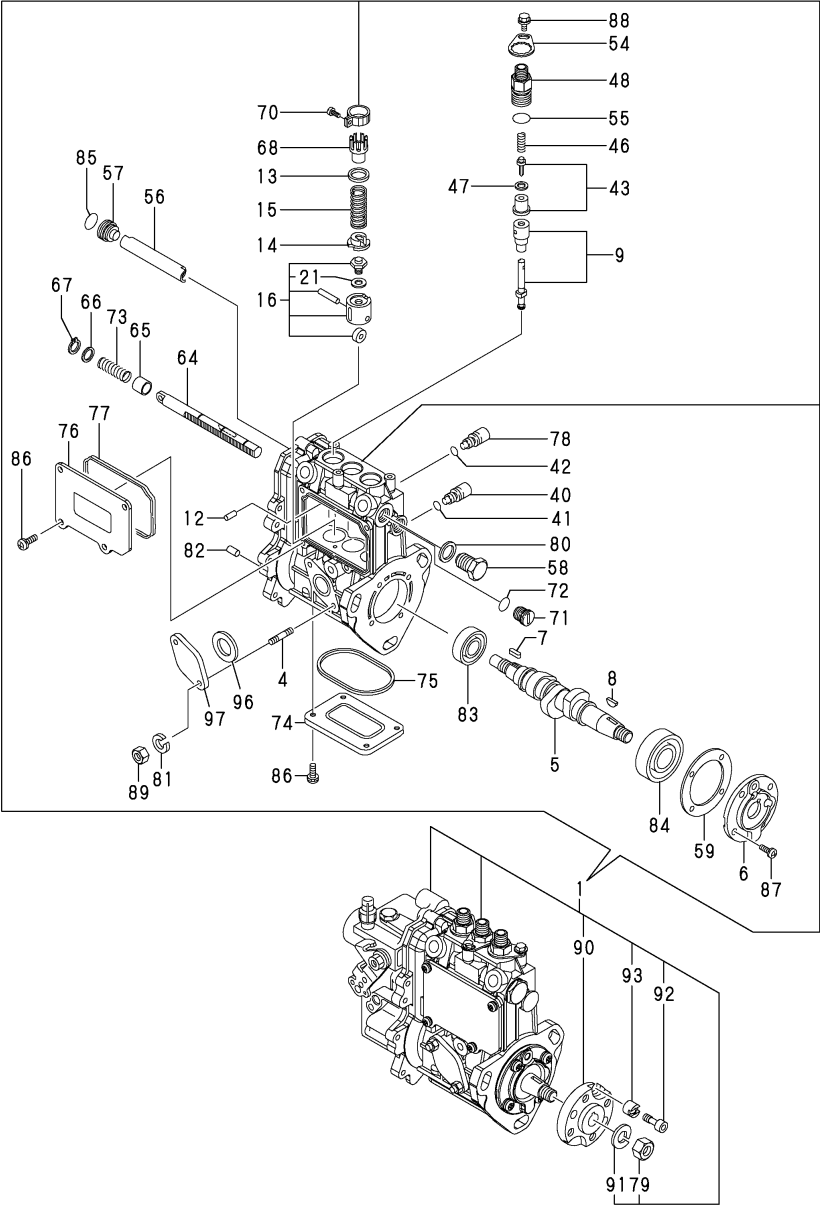


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119515-42001	PUMP ASSY, WATER	1							
1-1	1	119515-42002	PUMP ASSY, CW LOW	1							N
(A=E/ 85914)											
2	2	119515-42041	COVER	1							
3	2	119717-42031	GASKET	1							
8	2	26577-060122	SCREW, M6X12	4							
9	2	27241-250000	PLUG, 25	1							
10	2	119717-42320	O-RING, P26	1							
10-1	2	119C10-42320	O-RING, 2028	1							S
(A=E/ 85914)											
11	2	129916-49740	PLUG, R3/8	1							
12	1	119515-42020	GASKET, WATER PUMP	1							
13	1	23414-080000	GASKET, 8X1.0	1							
14	1	26106-080122	BOLT, M8X 12 PLATED	1							
15	1	26106-080502	BOLT, M8X 50 PLATED	3							
16	1	171056-49120	PLUG, DRAIN R1/4	1							
17	1	119717-42350	V-PULLEY, D=100	1							
18	1	25132-003500	V-BELT, A35	1							
18-1	1	119540-42290	V-BELT, A35.0	1							N
(A=E56003)											
19	1	119233-44740	FAN, D=290XUH	1							
20	1	124465-44950	GASKET, 16	1							
21	1	26106-060302	BOLT, M6X 30 PLATED	4							
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	171056-49351	SENSOR, WATER TEMP.	1							
26	1	121250-44901	SWITCH, THERMO 110	1							
27	1	121267-44760	SPACER, FAN	1							
28	1	129150-49360	GASKET	1							

Fig.10. FUEL INJECTION PUMP

(A)=3TNV70-XBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719540-51450	FIE ASSY	1							1
4	2	129155-51020	BOLT, STUD	2							
5	2	119717-51030	CAMSHAFT	1							
6	2	119717-51060	SUPPORT, CAMSHAFT	1							
7	2	119717-51070	FEATHER KEY,PARALLEL	1							
8	2	122710-51090	FEATHER KEY,WOODRUFF	1							
9	2	119515-51100	PLUNGER ASSY, FUEL	3							
12	2	129155-51140	PIN	3							
13	2	158600-51170	RETAINER, SPRING	3							
14	2	119717-51570	RETAINER, SPRING	3							
15	2	119717-51190	SPRING, PLUNGER	3							
16	2	119717-51200	TAPPET ASSY	3							
21	3	129155-51600	SHIM SET, ADJUSTING	3							
40	2	158600-51270	STOPPER, TAPPET	3							
41	2	129155-51280	O-RING, S6	3							
42	2	129155-51280	O-RING, S6	1							
43	2	119717-51300	VALVE ASSY, DELIVERY	3							
46	2	119717-51330	SPRING, DELIVERY	3							
47	2	124550-51350	GASKET, DELIVERY	3							
48	2	158600-51442	VALVE ASSY, DELIVERY	3							
54	2	118400-51370	PLATE, LOCKING	3							
55	2	24316-000150	O-RING, 4DP15.0	3							
56	2	129155-51400	DEFLECTOR	1							
57	2	158600-51410	PLUG, DEFLECTOR	1							
58	2	158600-51420	PLUG, DEFLECTOR	1							
59	2	129155-51450	SHIM SET, ADJUSTING	1							
64	2	119717-51500	RACK, CONTROL	1							
65	2	129155-51521	BUSH, RACK	1							
66	2	129155-51530	SPACER	1							
67	2	129155-51540	CIRCLIP	1							
68	2	129155-51550	PINION, CONTROL	3							
70	2	129100-51570	SCREW, PINION	3							
71	2	158600-51570	PLUG, RACK	1							
72	2	129155-51580	O-RING	1							
73	2	129155-51591	SPRING, RACK	1							
74	2	129155-51701	COVER	1							
75	2	119717-51711	GASKET	1							
76	2	119717-51750	COVER	1							
77	2	119717-51761	GASKET	1							
78	2	158600-51790	STOPPER, RACK	1							
79	2	26716-120002	NUT, M12	1							
80	2	22190-160002	WASHER, SEAL 16	1							
81	2	22217-060000	WASHER, SPRING 6	2							
82	2	22351-050010	PIN, SPRING 5.0X10	2							
83	2	24101-060034	BEARING, BALL 6003	1							
84	2	24101-063034	BEARING, BALL 6303	1							
85	2	119717-51420	O-RING	1							
86	2	26022-050122	SCREW, M5X12	8							
87	2	26022-060162	SCREW, M6X16	4							
88	2	26106-050102	BOLT, M5X 10 PLATED	3							
89	2	26716-060002	NUT, M6	2							

Remarks

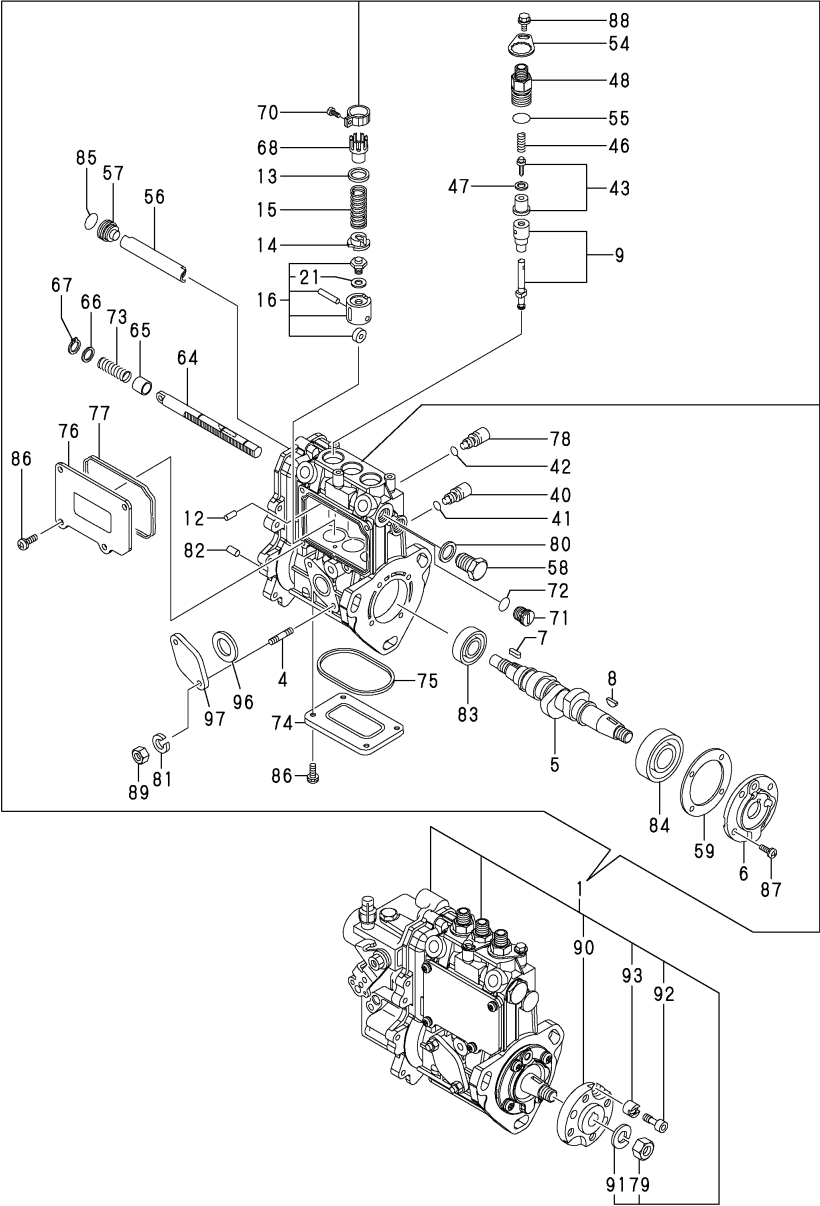
(1)Governor(Fig.11) is incorporated in this Fuel Injection Pump(No.1).

Fig.10. FUEL INJECTION PUMP

0CB10-M75300 Fig.10

(A)=3TNV70-XBV
(B)=
(C)=

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

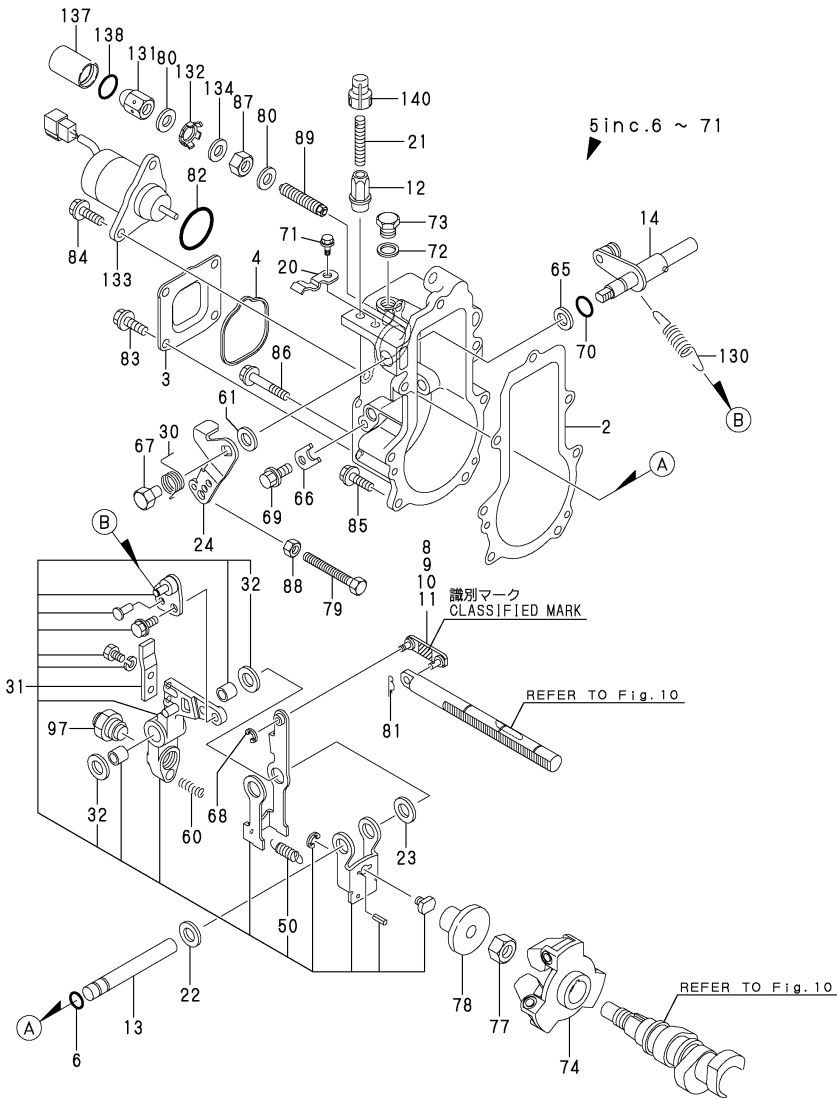


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
90	2	119717-51150	FLANGE	1							
91	2	22217-120000	WASHER, SPRING 12	1							
92	2	119717-51490	BOLT	1							
93	2	119717-51480	COLLAR	1							
96	2	129155-52051	GASKET	1							
97	2	129100-52200	COVER, PUMP	1							

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

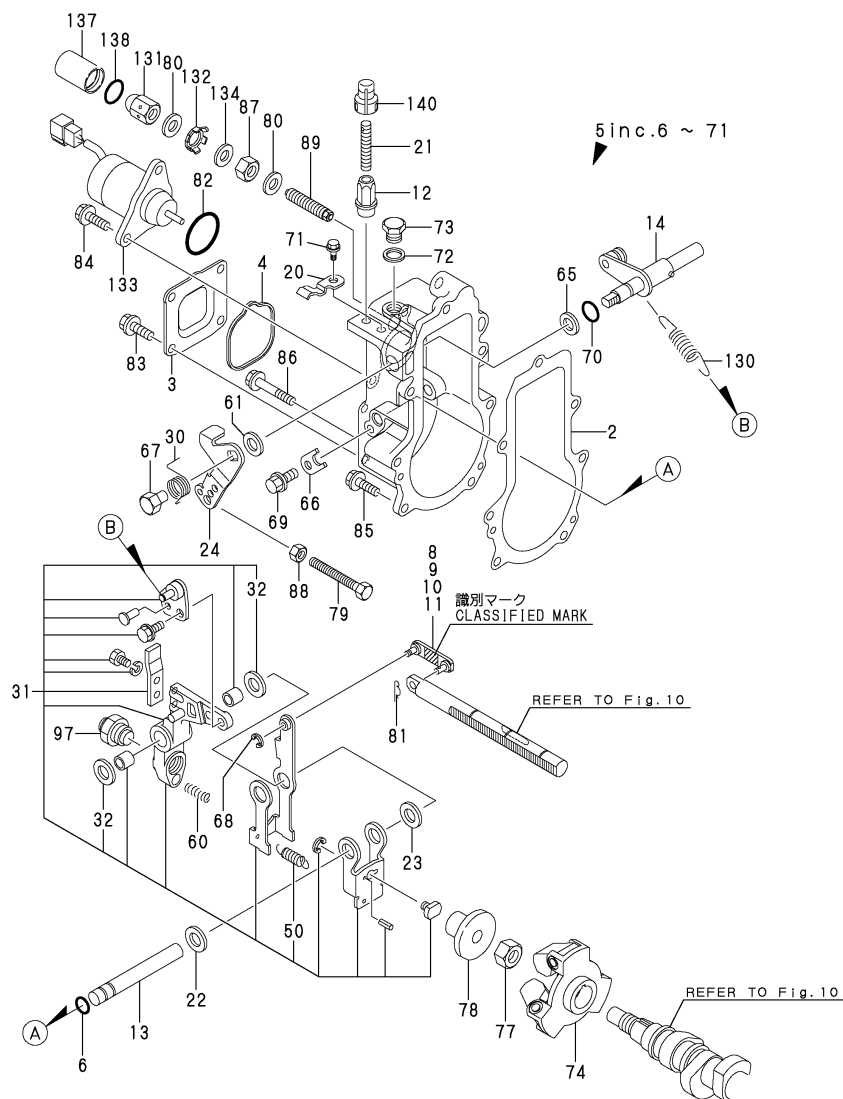
(A)=3TNV70-XBV
(B)=
(C)=

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



Remarks
(1) Selective parts.
Certain the classification mark, then place your order(Refer to illustration).
(2) Spare parts.
* This figure(Governor) is incorporated in the Fuel Injection Pump(Fig.10).

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	3	119717-61050	GASKET	1							
3	3	119717-61060	COVER, GOVERNOR CASE	1							
4	3	119717-61070	GASKET	1							
5	3	119540-61100	CASE ASSY, GOVERNOR	1							
6	3	129155-51280	O-RING, S6	1							
8	3	119717-61120	LINK, MARK :3	1							1
9	3	119717-61130	LINK, MARK 98	1							1
10	3	119717-61140	LINK, MARK 88	1							1
11	3	119717-61150	LINK, MARK 03	1							1
12	3	129209-61370	NUT, ARB M6	1							
13	3	129052-61390	SHAFT,GOVERNOR LEVER	1							
14	3	119717-61400	SHAFT ASSY	1							
20	3	119534-61430	RETAINER	1							
21	3	129155-61450	BOLT, LIMITING	1							
22	3	129156-61460	SHIM, T=0.6	1							
23	3	129155-61480	SHIM ASSY	1							
24	3	119515-61440	LEVER, CONTROL	1							
30	3	119534-61420	SPRING, LEVER	1							
31	4	119761-61500	LEVER ASSY, GOVERNOR	2							
32	4	174307-51700	SHIM SET, PLUNGER	2							
50	4	129486-61540	SPRING, GOV.LEVER	1							
60	3	129486-61650	SPRING, STARTING	1							
61	3	158552-61700	SHIM SET	1							
65	3	158552-61710	SHIM, T=1.0	1							
66	3	119660-61901	STOPPER, SHAFT	1							
67	3	129255-61410	NUT, M8	1							
68	3	22272-000030	RING, E- 3	1							
69	3	26106-060102	BOLT, M6X 10 PLATED	1							
70	3	24341-000070	O-RING, 1AS7.0	1							
71	3	26106-060102	BOLT, M6X 10 PLATED	1							
72	2	22190-100002	WASHER, SEAL 10	1							
73	2	23887-100002	PLUG, 10	1							
74	2	119717-61200	WEIGHT ASSY,GOVERNOR	1							
77	2	119660-61300	NUT	1							
78	2	129155-61341	SLEEVE	1							
79	2	129155-61460	BOLT, LIMITING	1							
80	2	22190-120002	WASHER, SEAL 12	2							
81	2	22372-040000	PIN, SNAP 4	1							
82	3	158552-61900	O-RING	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	26736-120002	NUT, M12	1							
88	2	26756-060002	NUT, LOCK M6	1							
89	2	158601-61790	LIMITER ASSY, FUEL	1							
97	2	119761-61560	ANGLEICH ASSY	1							
130	2	129489-61700	SPRING, GOVERNOR	1							
131	2	129209-61930	NUT, CAP	1							
132	2	129209-61970	PLATE	1							
133	2	119233-77932	SOLENOID, STOP	1							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
134	2	23414-120016	GASKET, 12X1.0	1							
137	1	129209-61961	CASE	1							2
138	1	24311-000160	O-RING, 1AP16.0	1							
140	1	119285-66650	CAP, HIGH-IDLE	1							2

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

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

Fig.12. FUEL INJECTION VALVE

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119517-53001	VALVE ASSY,INJECTION	3							
3	2	119517-53010	NOZZLE	3							
4	2	129901-53800	SHIM SET, ADJUSTING	3							
5	1	129150-59120	RETAINER, PIPE	1							
8	2	129150-59131	BOLT, M4X14	2							
9	1	119546-59810	PIPE ASSY, INJECTION	1							
10	1	119546-59820	PIPE ASSY, INJECTION	1							
11	1	119546-59830	PIPE ASSY, INJECTION	1							
12	1	119840-59570	JOINT	1							
13	1	119515-59540	PIPE ASSY, RETURN	1							
19	1	129901-59560	GASKET	3							
20	1	119540-59570	HOSE ASSY, RETURN	1							
20-1	1	119416-59520	PIPE ASSY, RETURN	1							N
(A=*2020.04.)											
20-2	1	119416-59521	PIPE ASSY, FO RETURN	1							N
(A=EP1928)											
21	2	124066-59100	CLAMP, HOSE 8	2							
22	2	119540-59560	HOSE ASSY, RETURN	1							
22-1	2	119416-59511	PIPE, FO RETURN	1							S
(A=EP1928)											
23	1	119620-59700	NUT, NOZZLE	3							
24	1	119813-59950	VALVE ASSY, CHECK	1							
30	1	22190-120002	WASHER, SEAL 12	2							
31	1	103854-39140	BOLT, PIPE JOINT	1							
32	1	101304-59020	JOINT, PIPE 12	1							
33	1	22190-120002	WASHER, SEAL 12	2							

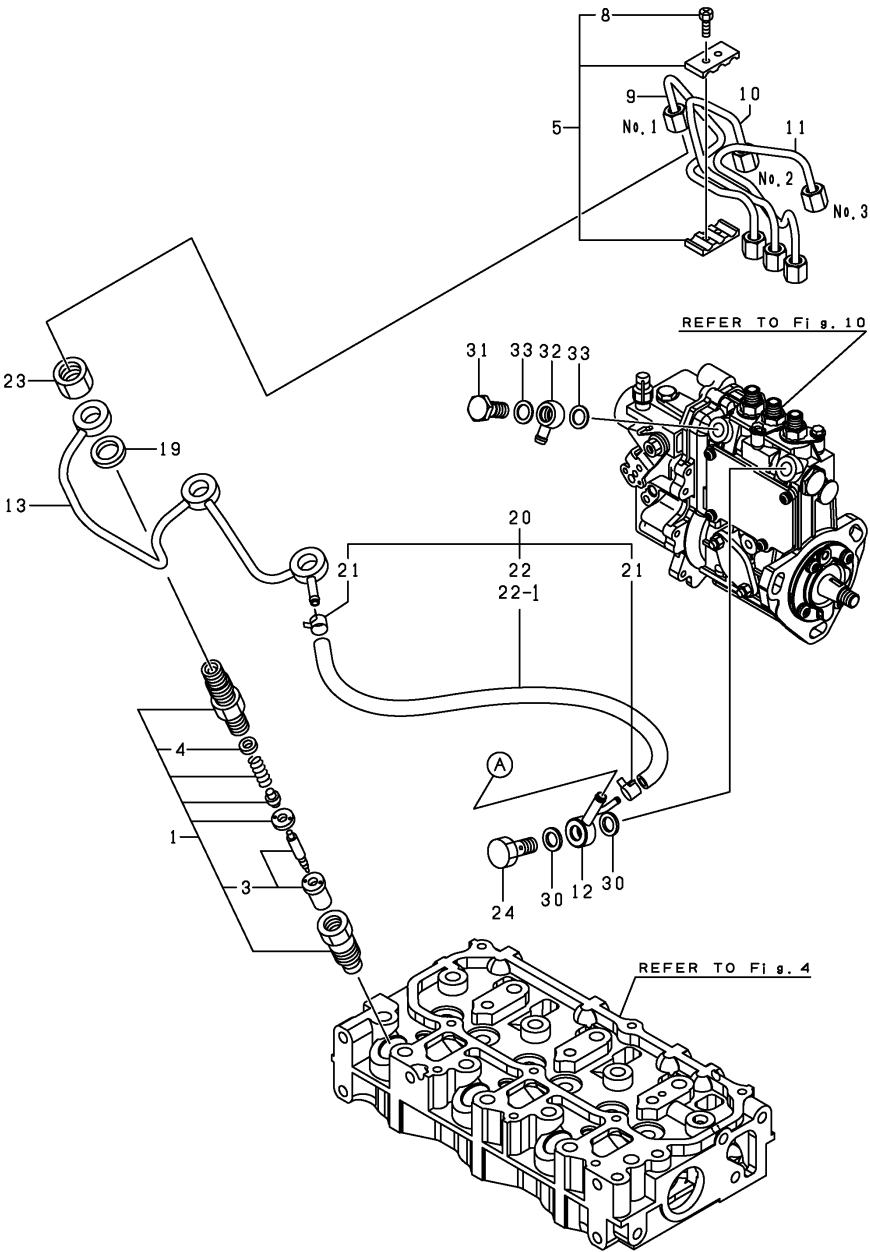
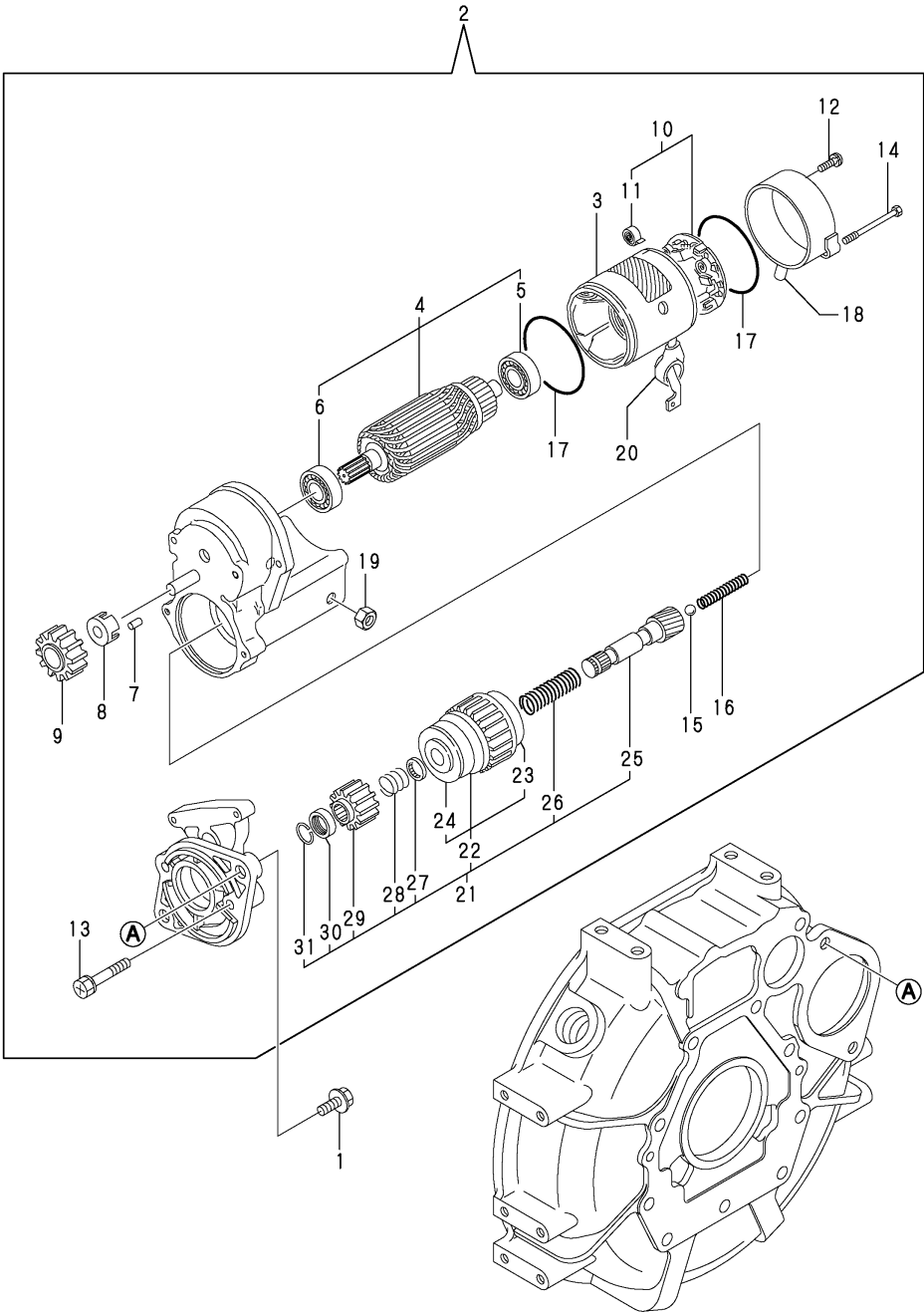


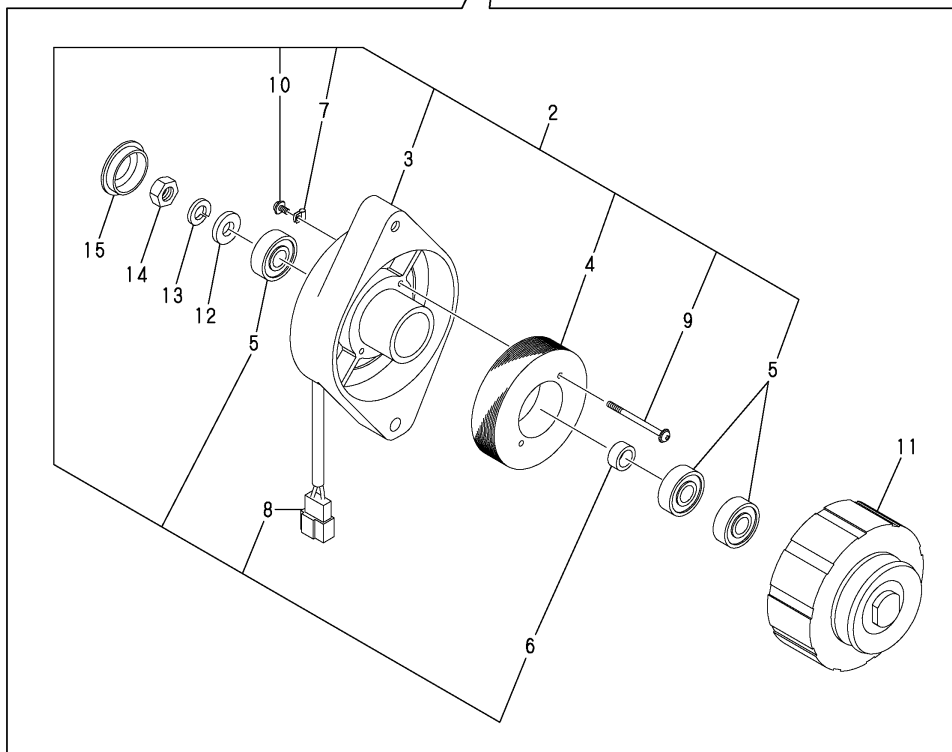
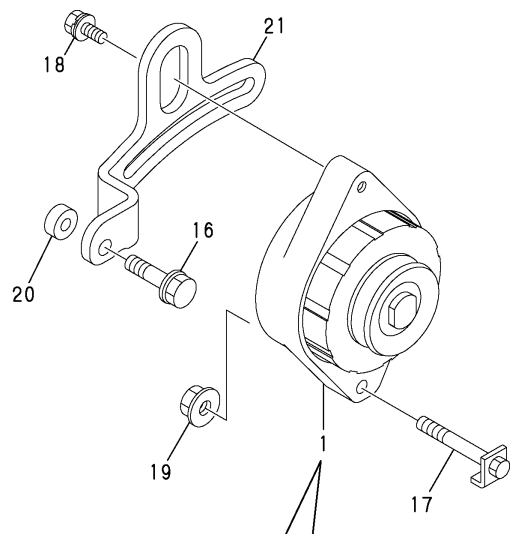
Fig.13. STARTER MOTOR

(A)=3TNV70-XBV
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26106-100252	BOLT, M10X 25 PLATED	2							
2	1	119540-77010	STARTER ASSY	1							
3	2	129407-77210	YOKE ASSY	1							
4	2	129407-77220	ARMATURE ASSY	1							
5	3	129129-77230	BEARING, BALL	1							
6	3	129129-77240	BEARING, BALL	1							
7	2	X0283060061	ROLLER	5							
8	2	129129-77260	RETAINER	1							
9	2	129129-77270	PINION	1							
10	2	129407-77300	HOLDER ASSY	1							
11	3	X9491730461	SPRING	4							
12	2	129129-77460	SCREW	2							
13	2	129129-77320	BOLT	2							
14	2	129407-77330	BOLT	2							
15	2	X9491200240	BALL, STEEL	1							
16	2	129129-77340	SPRING	1							
17	2	129129-77350	O-RING	2							
18	2	129129-77362	COVER	1							
19	2	X9490561370	NUT	1							
20	2	129129-77380	CAP	1							
21	2	X1280996600	STARTER KIT	1							
22	3	129129-77390	CLUTCH ASSY	1							
23	4	129129-77440	BEARING, BALL	1							
24	4	129129-77450	BEARING, BALL	1							
25	3	129129-77400	SHAFT, STATER	1							
26	3	129129-77410	SPRING	1							
27	3	X0283270140	RETAINER	1							
28	3	129407-77410	SPRING	1							
29	3	X0283712350	PINION, STARTER	1							
30	3	X0280210230	NUT	1							
31	3	129129-77430	RING, SNAP	1							



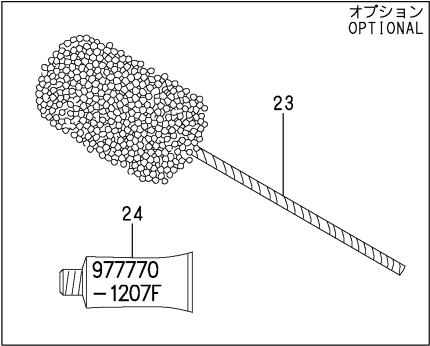
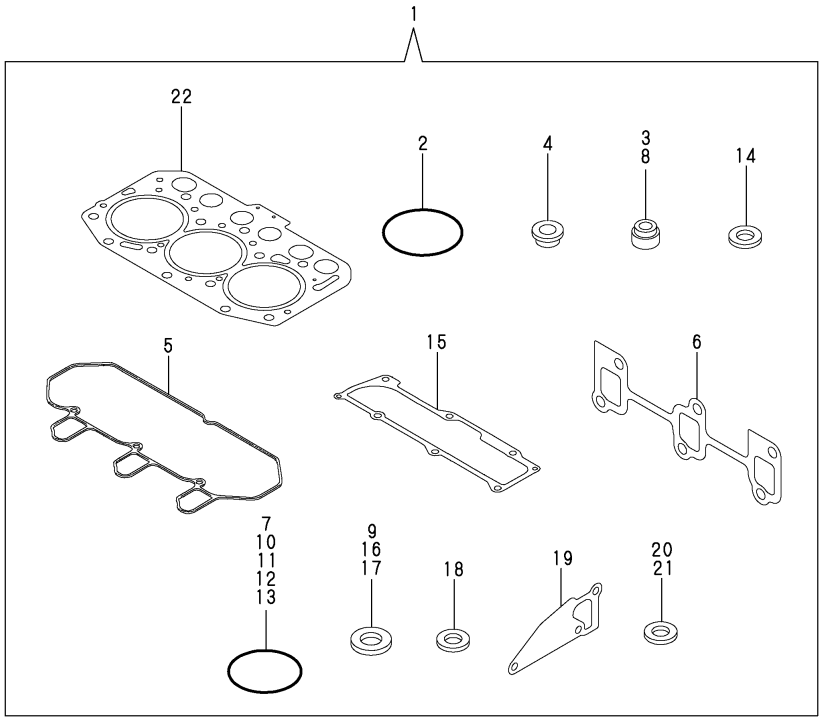


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119910-77200	DYNAMO ASSY	1							
2	2	X2A10592KA	PLATE ASSY	1							
3	3	X2A07075KB	PLATE, COIL	1							
4	3	X3A02982KC	STATOR ASSY	1							
5	3	24104-062010	BEARING, 6201UUC3	3							
6	3	X4A10092KA	COLLAR	1							
7	3	XM069000000	CLAMP	1							
8	3	XM771860000	COUPLER	1							
9	3	119259-77250	SCREW	2							
10	3	XYSPS400800	SCREW	1							
11	2	X3A08863KA	FLYWHEEL ASSY	1							
12	2	XM860250000	WASHER, 10	1							
13	2	XM219230000	WASHER, SPRING	1							
14	2	XM863720000	NUT	1							
15	2	XM771870000	CAP	1							
16	1	26106-080202	BOLT, M8X 20 PLATED	1							
17	1	119740-77250	BOLT, M10X75	1							
18	1	129972-77341	BOLT, ADJUST L=50	1							
19	1	26306-100002	NUT, M10	1							
20	1	119940-77270	SPACER	1							
21	1	119540-77300	ADJUSTER, BELT	1							

Fig.15. GASKET SET & TOOL

(A)=3TNV70-XBV
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	719544-92600	GASKET SET	1							1
2	2	121850-51960	O-RING	1							
3	2	119717-11340	SEAL, VALVE STEM	3							
4	2	129901-11450	PROTECTOR, NOZZLE	3							
5	2	119515-11310	GASKET, BONNET	1							
6	2	119717-13110	GASKET, EXH MANIFOLD	1							
7	2	24341-000240	O-RING, 1AS24.0	1							
8	2	119717-11350	SEAL, VALVE STEM	3							
9	2	22190-080002	WASHER, SEAL 8	4							
10	2	24311-000320	O-RING, 1AP32.0	2							
11	2	119717-32060	O-RING, P15.0	1							
12	2	119624-32040	O-RING, P12.0	1							
13	2	119717-32050	O-RING, P17.0	3							
14	2	119600-11460	GASKET, NOZZLE	6							
15	2	119515-11330	GASKET	1							
16	2	22190-160002	WASHER, SEAL 16	1							
17	2	22190-120002	WASHER, SEAL 12	4							
18	2	129901-59560	GASKET	3							
19	2	119515-42020	GASKET, WATER PUMP	1							
20	2	23414-080000	GASKET, 8X1.0	1							
21	2	124465-44950	GASKET, 16	2							
22	2	119515-01330	GASKET, HEAD	1							
23	1	129400-92410	HONE, FLEX	1							1
24	1	977770-1207F	GASKET.LIQUID	1							1

Remarks
(1)Optional parts.

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105311-01090	1	5
114250-39450	8	10
118400-51370	10	54
119131-18320	5	6
119233-44740	9	19
119233-77932	11	133
119259-77250	14	9
119285-01990	1	8
119285-11990	4	12
119285-66650	11	140
119305-35170	8	3
119416-59511	12	22 -1
119416-59520	12	20 -1
119416-59521	12	20 -2
119515-01200	1	29
119515-01330	1	30
	15	22
119515-01601	3	2
119515-01720	3	7
119515-11101	4	16
119515-11110	4	17
119515-11200	4	24
119515-11240	4	25
119515-11280	4	29
119515-11310	4	48
	15	5
119515-11320	4	49
119515-11330	4	50
	15	15
119515-11380	4	38
119515-11740	4	6
119515-11800	4	10
119515-14400	6	2
119515-14581	6	3
119515-21590	7	8
119515-21700	7	1
119515-22080	7	14
119515-22300	7	20
119515-22500	7	16
119515-22550	7	31
119515-22900	7	29
119515-23000	7	22
119515-23601	7	27
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119515-34801	8	1
119515-35080	8	5
119515-42001	9	1

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119515-42020	9	12
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119515-42041	9	2
119515-51100	10	9
119515-59540	12	13
119515-61440	11	24
119517-53001	12	1
119517-53010	12	3
119534-61420	11	30
119534-61430	11	20
119540-01780	3	11
119540-13100	5	1
119540-39910	3	13
119540-39930	3	14
119540-42290	9	18 -1
119540-59560	12	22
119540-59570	12	20
119540-61100	11	5
119540-77010	13	2
119540-77300	14	21
119546-59810	12	9
119546-59820	12	10
119546-59830	12	11
119600-11460	4	4
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119620-01750	3	3
119620-02020	1	9
119620-14200	6	1
119620-21500	7	7
119620-21941	7	13
119620-59700	12	23
119621-21680	7	12
119623-01250	1	6
119624-32040	2	17
	15	12
119656-39930	3	15
119660-01911	2	16
119660-61300	11	77
119660-61901	11	66
119717-01501	2	1
119717-01521	2	5
119717-01570	2	2
119717-01750	2	29
119717-01800	2	7
119717-02411	1	12
119717-03031	4	39
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119717-11650	4	30
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119717-13600	5	4
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119717-23910	7	25
119717-25050	6	9
119717-25101	6	10
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119717-39210	8	11
119717-42031	9	3
119717-42320	9	10
119717-42350	9	17
119717-49800	9	23
119717-51030	10	5
119717-51060	10	6
119717-51070	10	7
119717-51150	6	16
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119717-51190	10	15
119717-51200	10	16
119717-51300	10	43
119717-51330	10	46
119717-51420	10	85
119717-51480	10	93
119717-51490	10	92
119717-51500	10	64
119717-51570	10	14
119717-51711	10	75
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119717-61150	11	11
119717-61200	11	74
119717-61400	11	14
119717-77800	4	21
119717-77801	4	21 -1
119717-77810	4	21 -2
119717-77820	4	22
119718-07910	4	1
119734-01590	2	3
119740-77250	14	17
119761-61500	11	31
119761-61560	11	97
119802-03100	4	42
119802-03110	4	43
119802-03121	4	44
119802-03131	4	45
119802-03141	4	46
119802-13620	5	5
119802-32130	2	15
119810-02931	1	26
119810-02941	1	31
119813-59950	12	24
119840-59570	12	12
119910-77200	14	1
119940-77270	14	20
119C10-42320	9	10 -1
121120-01620	3	6
121250-44901	9	26
121267-44760	9	27
121520-34810	8	16
121850-51960	2	19
	15	2
122710-51090	10	8
124060-01050	1	4
124066-59100	12	21
124085-02220	3	10
124160-01751	2	27
	4	37
124160-01910	1	7
124465-44950	9	20
	15	21
124550-51350	10	47
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129001-32320	2	11
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129129-77240	13	6
129129-77260	13	8
129129-77270	13	9
129129-77320	13	13
129129-77340	13	16
129129-77350	13	17
129129-77362	13	18
129129-77380	13	20
129129-77390	13	22
129129-77400	13	25
129129-77410	13	26
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129155-51701	10	74
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129407-77210	13	3
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129486-61540	11	50
129486-61650	11	60
129489-61700	11	130
129508-11180	4	19
129900-32130	2	10
129901-11450	4	3
	15	4
129901-53800	12	4
129901-59560	12	19
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129916-49740	9	11
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158600-51270	10	40
158600-51410	10	57
158600-51420	10	58
158600-51442	10	48
158600-51570	10	71
158600-51790	10	78
158601-61790	11	89
171056-49120	9	16
171056-49351	9	25
174307-51700	11	32
22190-080002	8	13
		15
	15	9
22190-100002	11	72
22190-120002	11	80
	12	30
		33
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22512-040120	7	4
22857-500100	4	51
		52
22857-500160	4	53
23001-022000	3	16
		17
23414-080000	9	13
	15	20
23414-120016	11	134
23857-030000	8	14
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26106-060122	2	20
	3	8
	6	8
26106-060142	11	84
26106-060162	2	21
26106-060202	4	55
	11	85
26106-060252	3	9
26106-060302	9	21
26106-060352	6	13
26106-060402	2	22
		23
26106-060452	3	4
	11	86

Parts No.	Fig. No.	Ref. No.
26106-060602	2	24
26106-060652	2	25
26106-060752	4	56
26106-080122	9	14
26106-080162	4	2
26106-080202	9	24
	14	16
26106-080402	4	36
26106-080502	9	15
26106-100252	13	1
26206-100252	3	5
26306-080002	2	26
	5	3
26306-100002	14	19
26577-060122	9	8
26716-060002	10	89
26716-120002	6	18
	10	79
26736-120002	11	87
26756-060002	11	88
26979-050162	4	35
27241-120000	1	13
27241-250000	9	9
719515-01560	1	1
719540-51450	10	1
719544-92600	15	1
719717-02901	1	14
719717-02911	1	34
719734-01500	2	4
977770-1207F	15	24
X0280210230	13	30
X0283060061	13	7
X0283270140	13	27
X0283712350	13	29
X1280996600	13	21
X2A07075KB	14	3
X2A10592KA	14	2
X3A02982KC	14	4
X3A08863KA	14	11
X4A10092KA	14	6
X9490561370	13	19
X9491200240	13	15
X9491730461	13	11
XM0690000000	14	7
XM219230000	14	13
XM771860000	14	8
XM771870000	14	15
XM860250000	14	12
XM863720000	14	14
XYSPS400800	14	10