

0CK50-M00240EN

P R E F A C E

1. This Parts Catalog carries Yanmar excavator (crawler back-hoe) VI017-A for U.S.A. .
(M/# A0501~)

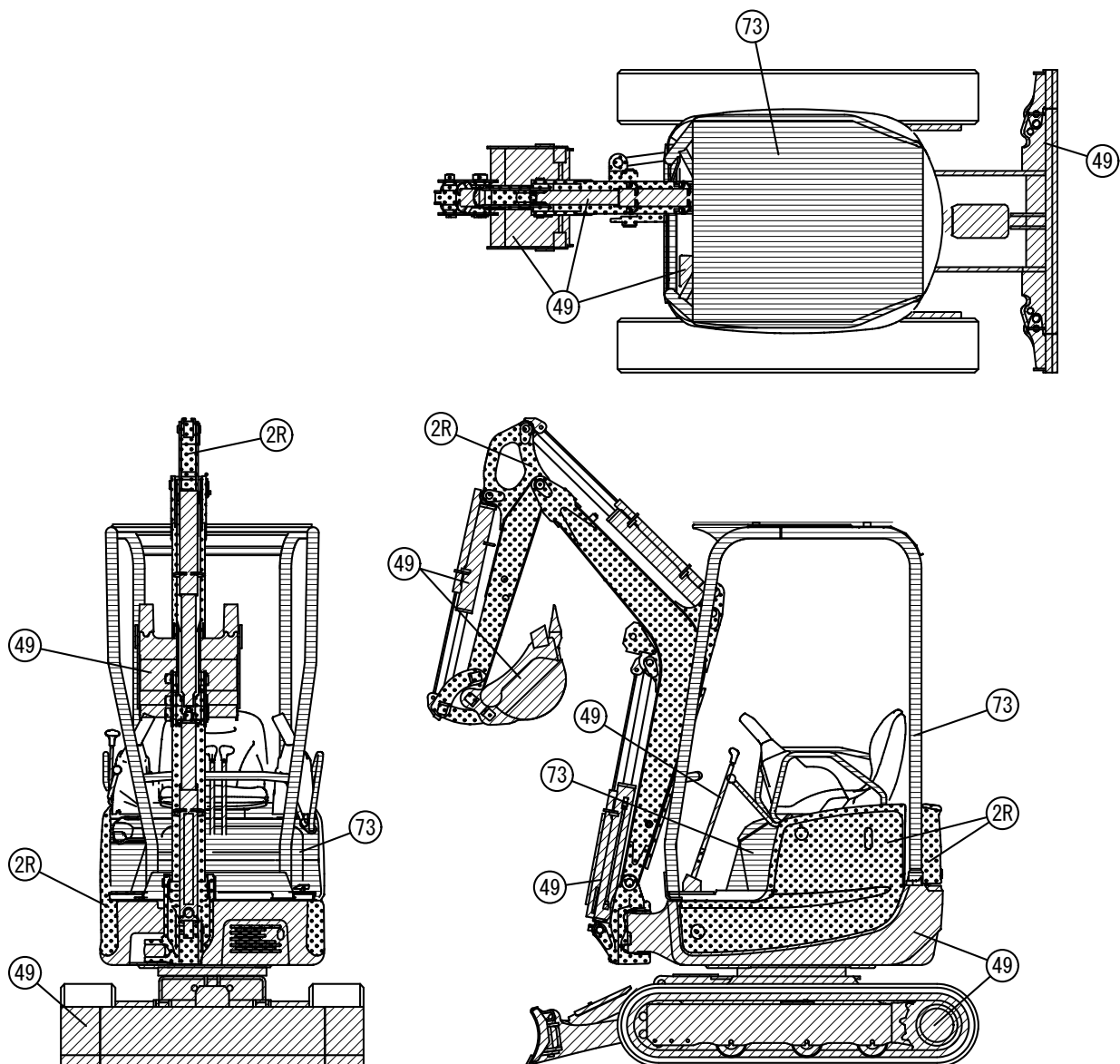
2. Parts catalog history

		Model	Published	Remarks
1st edition	Vehicle	VI017-A (US)	Nov. , 2014	
	Engine	3TNV74F-SPBV		

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.

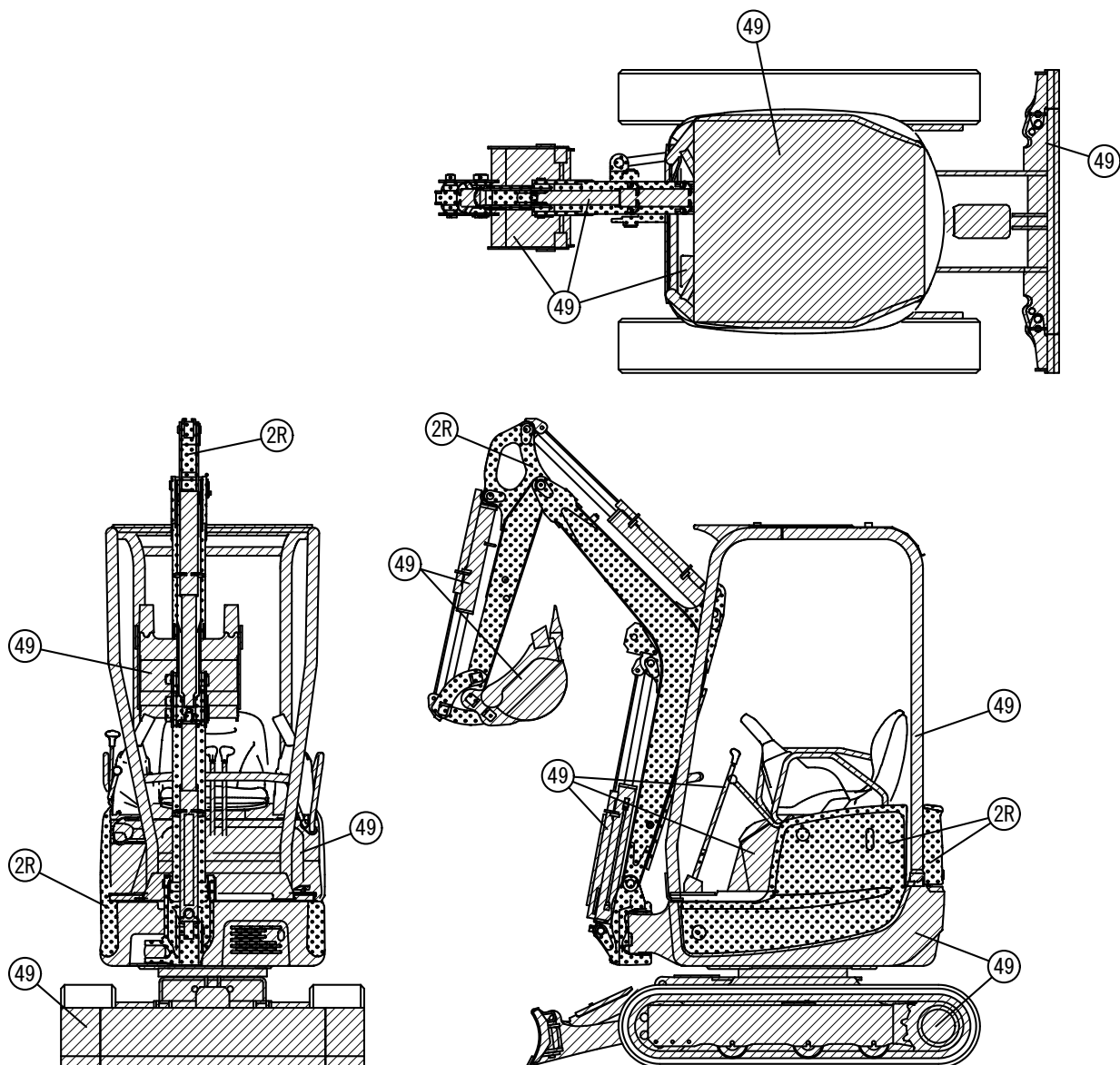
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR (TO MAF000)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
73		YANMAR Warm Gray	-----	TOR-91450000	TOR-94800730

VEHICLE PAINTED COLOR (FROM MAF001)



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

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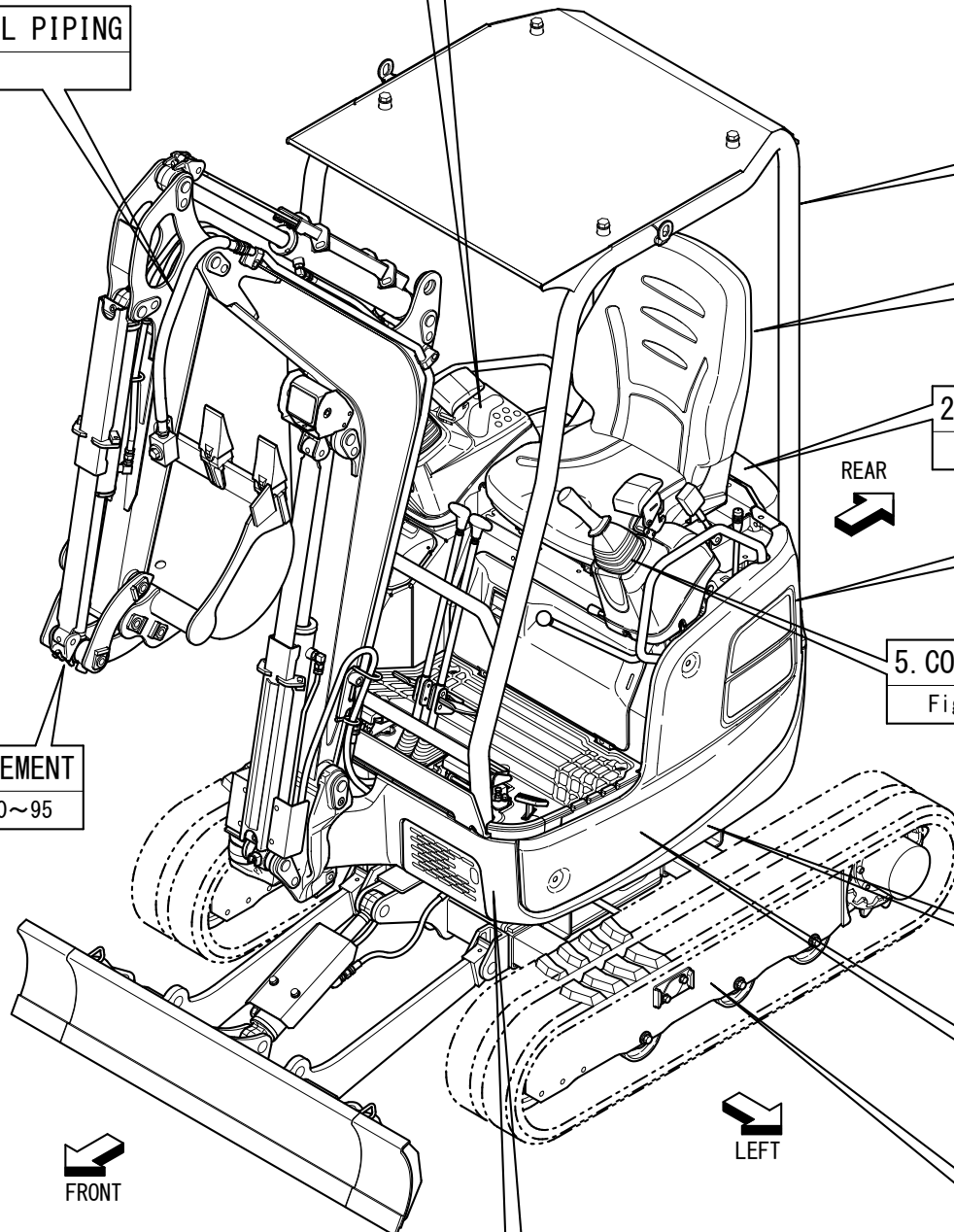
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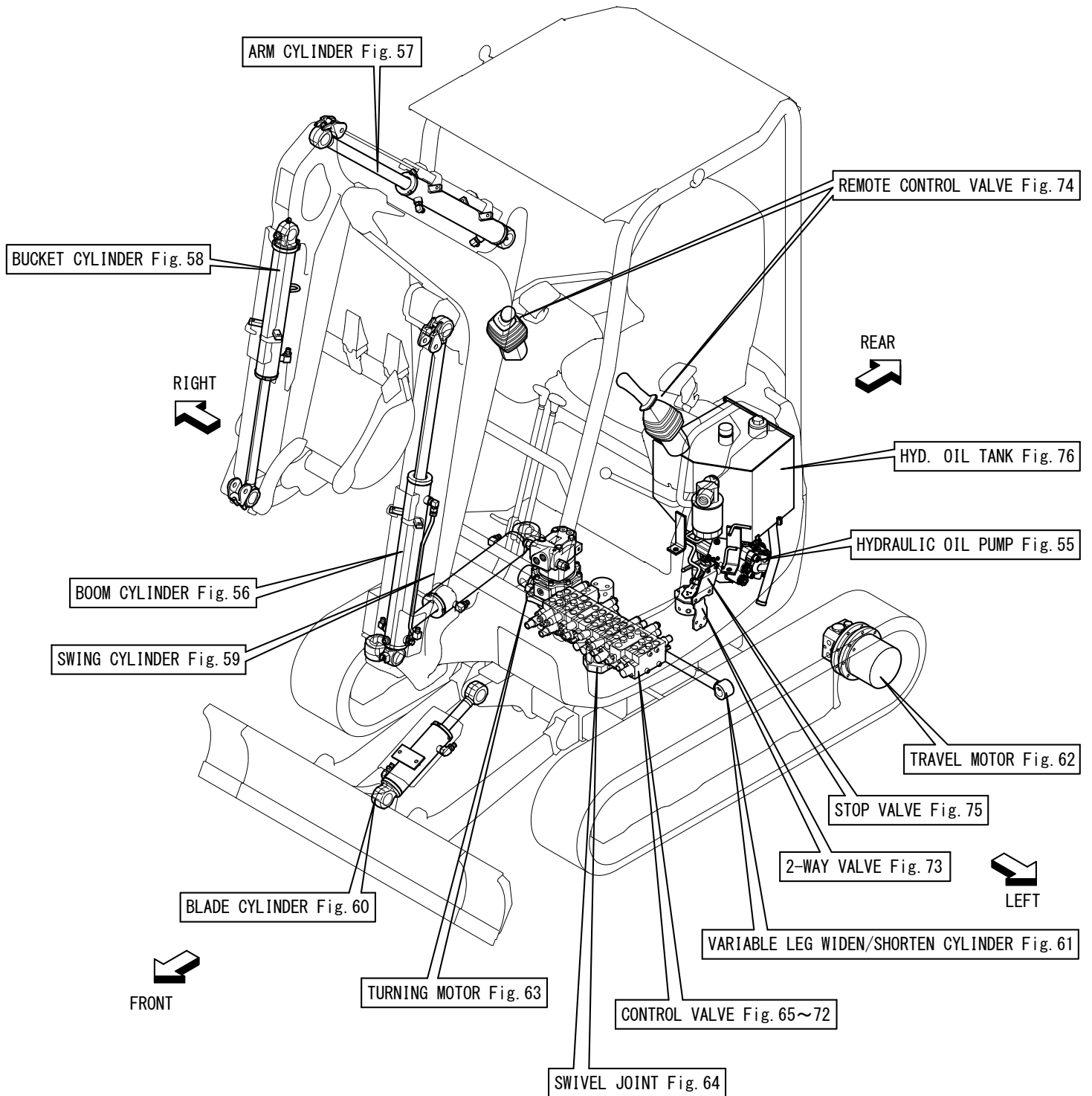
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Fig. No. Fig. Name

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Fig. No. Fig. Name

HYDRAULIC OIL PIPING

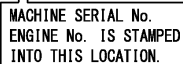
- 77. TANK - PUMP - CONTROL VALVE
- 78. TRAVEL FRAME
- 79. CONTROL VALVE - SWIVEL JOINT
- 80. CONTROL VALVE - BOOM
- 81. CONTROL VALVE - TURNING MOTOR
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- 83. RESERVOIR
- 84. CONTROL VALVE - RETURN & DRAIN
- 85. CONTROL VALVE(FITTING)
- 86. P.T.O.
- 87. CONTROL PIPING(1)
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- 90. BOOM BRACKET
- 91. BOOM
- 92. ARM
- 93. BUCKET ARM & LINK
- 94. BUCKET
- 95. BLADE

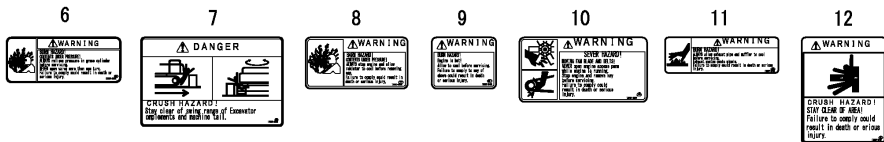
Fig.1. LABEL(EXTERIOR)(TO M0F000)

1



MACHINE SERIAL No.
IS STAMPED INTO
THIS LOCATION.

SAFTY LABEL



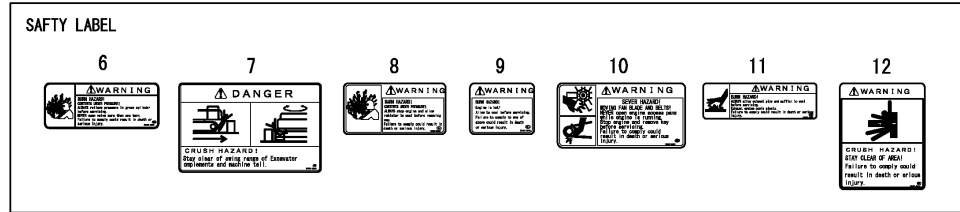
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B18-08110	LABEL SET, OUT US	1							
2	2	172A64-03150	LABEL,VIO17 REAR	1							
3	2	172A64-03230	LABEL,MODEL L	1							
4	2	172A64-03240	LABEL,MODEL R	1							
5	2	172A86-03310	LABEL,YANMAR	2							
6	2	172437-03352	LABEL, CYLINDER	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, MUFFLER	1							
12	2	172437-03461	LABEL, BOOM	2							
13	2	172437-03511	LABEL, HOOK	4							
14	2	172A55-03591	LABEL, GREASE	1							
15	1	172A64-03050	EMBLEM ASSY	1							

(A)=VIO17-A P(US)
(B)=
(C)=

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

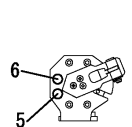
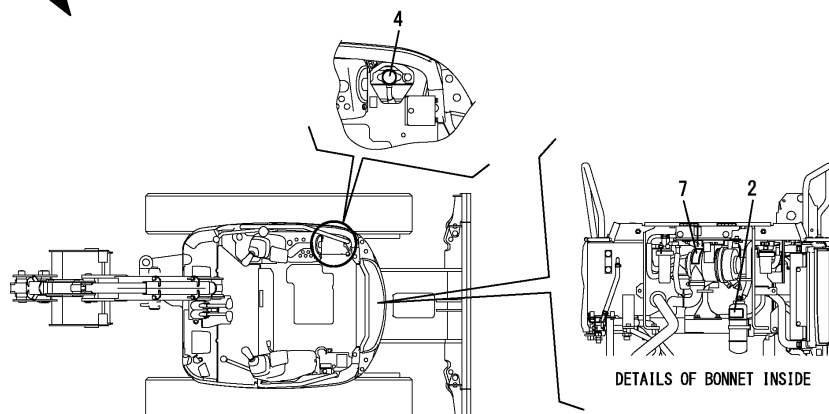


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B18-08111	LABEL SET, OUT US D	1							
2	2	172A64-03790	LABEL, REAR	1							
3	2	172A64-03470	LABEL, MODEL VIO17	2							
4	2	172B16-03180	LABEL, BRAND LOGO 200	1							
5	2	172A86-03790	LABEL, YANMAR 450 B	2							
6	2	172437-03352	LABEL, CYLINDER	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, MUFFLER	1							
12	2	172437-03461	LABEL, BOOM	2							
13	2	172437-03511	LABEL, HOOK	4							
14	2	172A55-03591	LABEL, GREASE	1							
15	2	172B04-03970	LABEL, REFLECTOR S	2							
16	1	172A64-03400	EMBLEM ASSY, FY L2 Y	1							

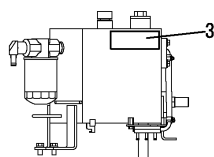
Fig.2. LABEL(BONNET INSIDE)



1

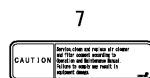
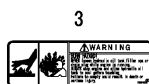


DETAILS OF 2-WAY VALVE

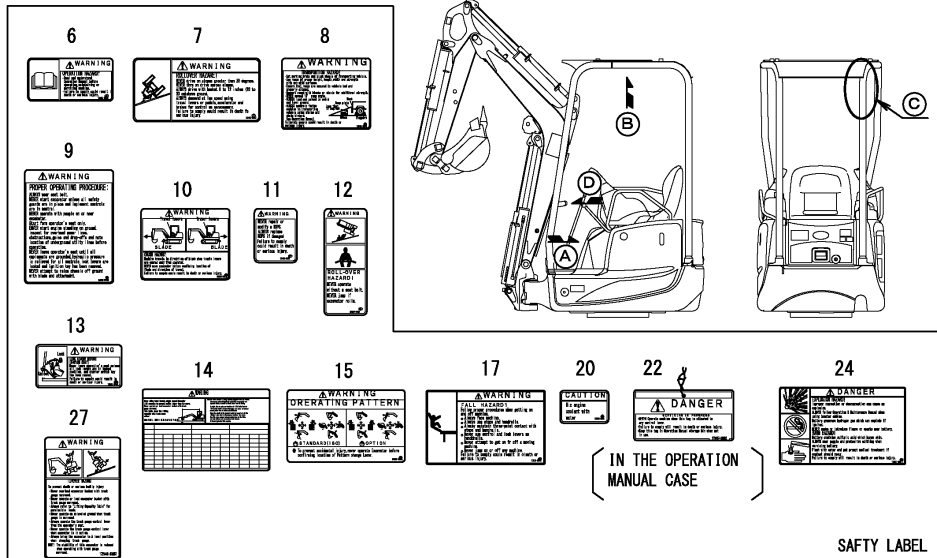
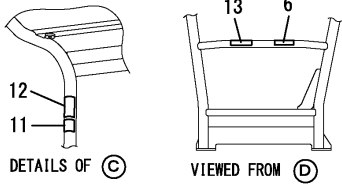


DETAILS OF RESERVER

SAFTY LABEL



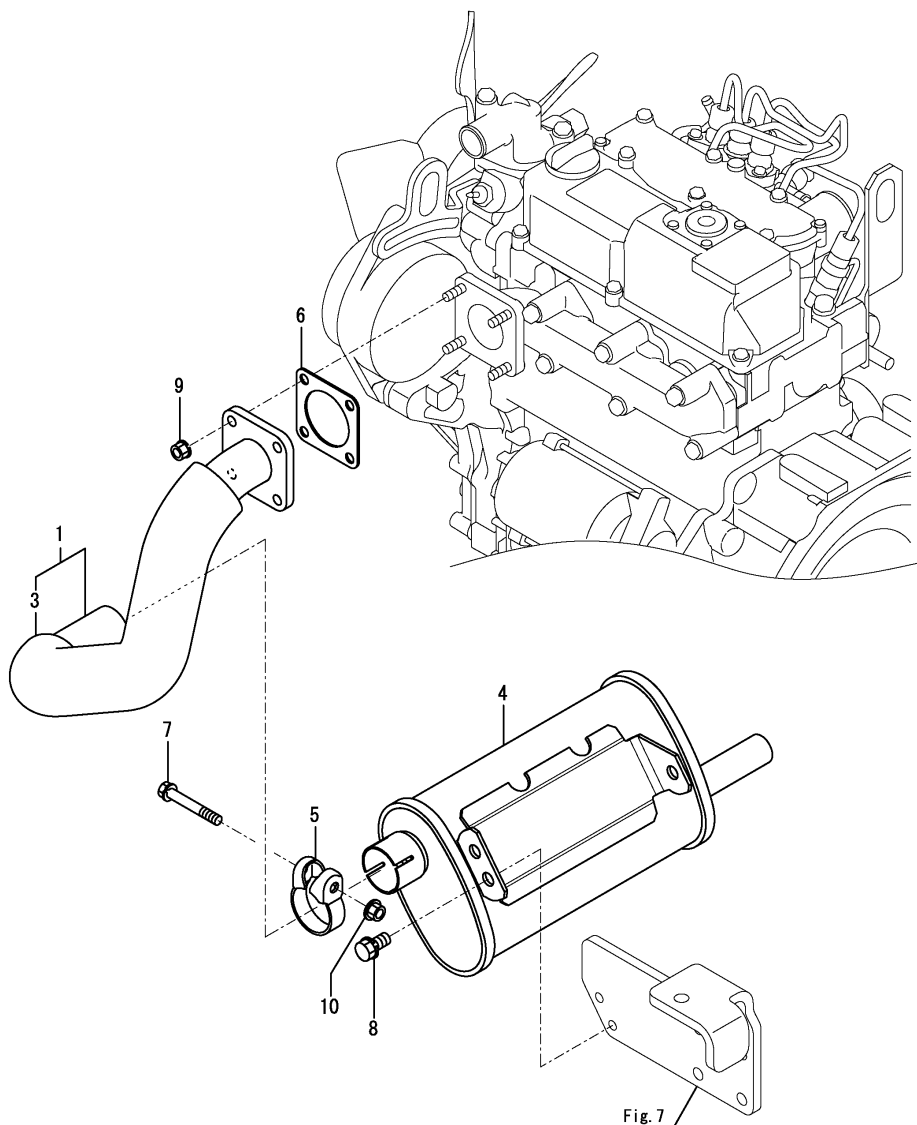
No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I R
				(B)=	(C)=	(C)	(D)	(E)	(F)	
1	1	172B18-08120	LABEL SET, IN US			1				
2	2	172A38-03201	LABEL, SUB TANK			1				
3	2	172437-03322	LABEL, RESEVOIR			1				
4	2	172462-03320	LABEL, RADIATOR			1				
5	2	172437-03610	LABEL			1				
6	2	172437-03620	LABEL			1				
7	2	172125-03951	LABEL. AIR CLEANER			1				



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)			(D)=			I	R
				(B)=	(C)=	(E)=	(F)=				
				Q'ty							
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B18-08130	LABEL SET, CANOPY US	1							
2	2	172A64-03700	LABEL, START SWITCH	1							
3	2	172183-03280	LABEL, LOCK	2							
4	2	172472-03160	LABEL,GREASE	1							
5	2	172A64-03270	LAVEL,OIL & WATER	1							
6	2	172437-03302	LABEL, MANUAL	1							
7	2	172437-03312	LABEL, SLOPE	1							
8	2	172437-03343	LABEL, TRANSPORT	1							
9	2	172437-03372	LABEL, NEUTRAL	1							
10	2	172437-03432	LABEL, STEERING	1							
11	2	172437-03441	LABEL, ROPS	1							
12	2	172437-03451	LABEL, SEAT BELT	1							
13	2	172437-03471	LABEL, LEVER LOCK	1							
14	2	172A64-03560	LABEL,LIFT US	1							
15	2	172437-03601	LABEL, 2-WAY US	1							
16	2	172490-03200	LABEL, OPERATION	1							
17	2	172472-03141	LABEL, SUPPORT	1							
18	2	172519-03150	LABEL, ACCEL	1							
19	2	172A64-03180	LABEL,W/S OPERATION	1							
20	2	172A38-03211	LABEL, ANTI-FREEZING	1							
21	2	172B18-03210	LABEL, SPEC US	1							
22	2	172437-03252	TAG ASSY, CAUTION	1							
23	2	172463-03290	LABEL, HYD.OIL	1							
24	2	172437-03361	LABEL, BATTERY	1							
25	2	172437-03501	LABEL, FUEL	1							
26	2	172B18-03540	LABEL, FUSE US	1							
27	2	172446-03652	LABEL, VARIABLE US	1							
28	2	114110-07761	LABEL, FUEL OIL CAUT	1							
29	2	172496-03250	LABEL, PTO	1							
30	2	172458-03240	LABEL, LOCK	1							
31	2	172437-03242	LABEL, CRAWLER	1							

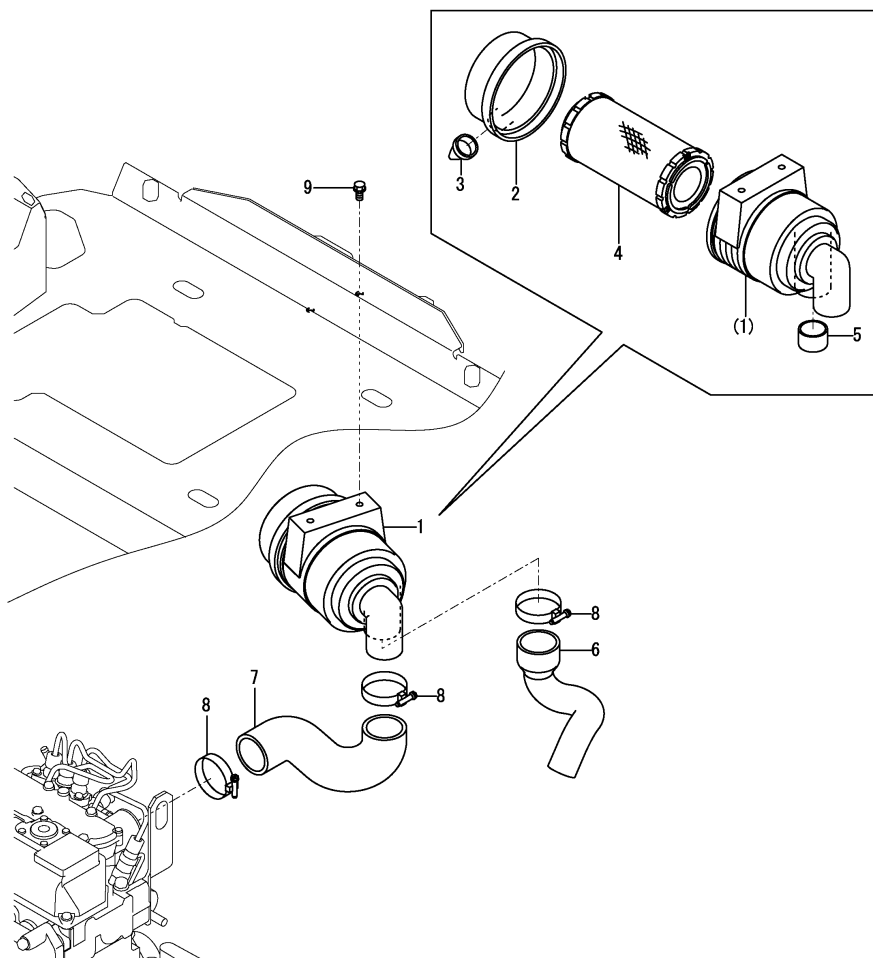
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.4.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



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I	R
				(B)=	(C)=	(F)=					
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-11310	PIPE ASSY, INLET	1							
3	2	172183-11400	INSULATOR	1							
4	1	172B18-11330	SILENCER ASSY	1							
5	1	172A64-11340	CLAMP	1							
6	1	124701-11911	GASKET, SILENCER	1							
7	1	26013-080552	BOLT, M8X 55	1							
8	1	26013-100162	BOLT, M10X 16	3							
9	1	26051-080002	NUT, M8	4							
10	1	26366-080002	NUT, M8	1							

Fig.5. AIR CLEANER



(1) Attach the No.5A label to this part.
(2) Not illustrated.

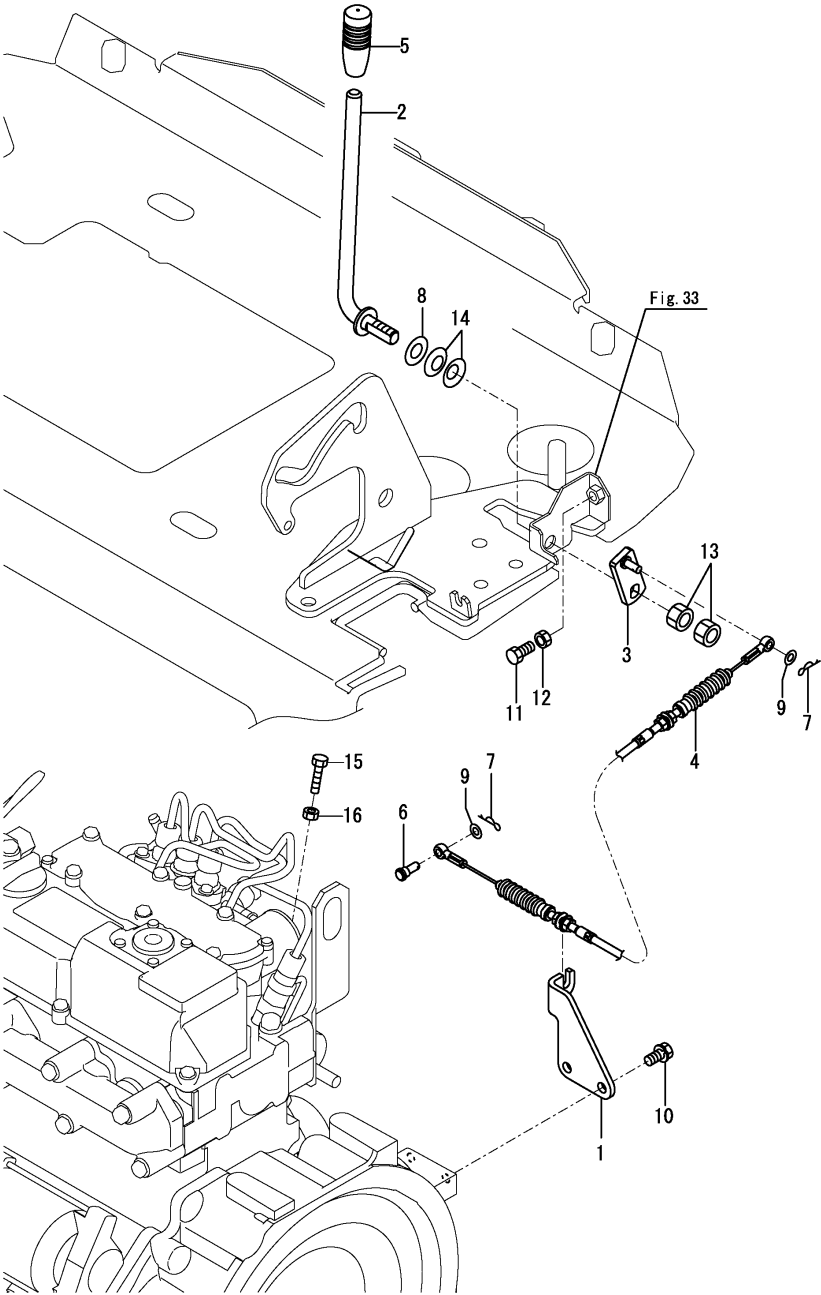
(D)=
(E)=
(F)=

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	1							
3	2	119808-12540	VALVE, UNLOADER	1							
4	2	119655-12560	ELEMENT	1							
5	2	105027-12580	RING	1							
5A	1	172125-03951	LABEL, AIR CLEANER	1							2
6	1	172A64-11520	HOSE A, AIR CLEANER	1							
7	1	172A64-11531	HOSE, AIR CLEANER B	1							
8	1	23000-060000	CLAMP, 60	3							
9	1	26013-080162	BOLT, M8X 16	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

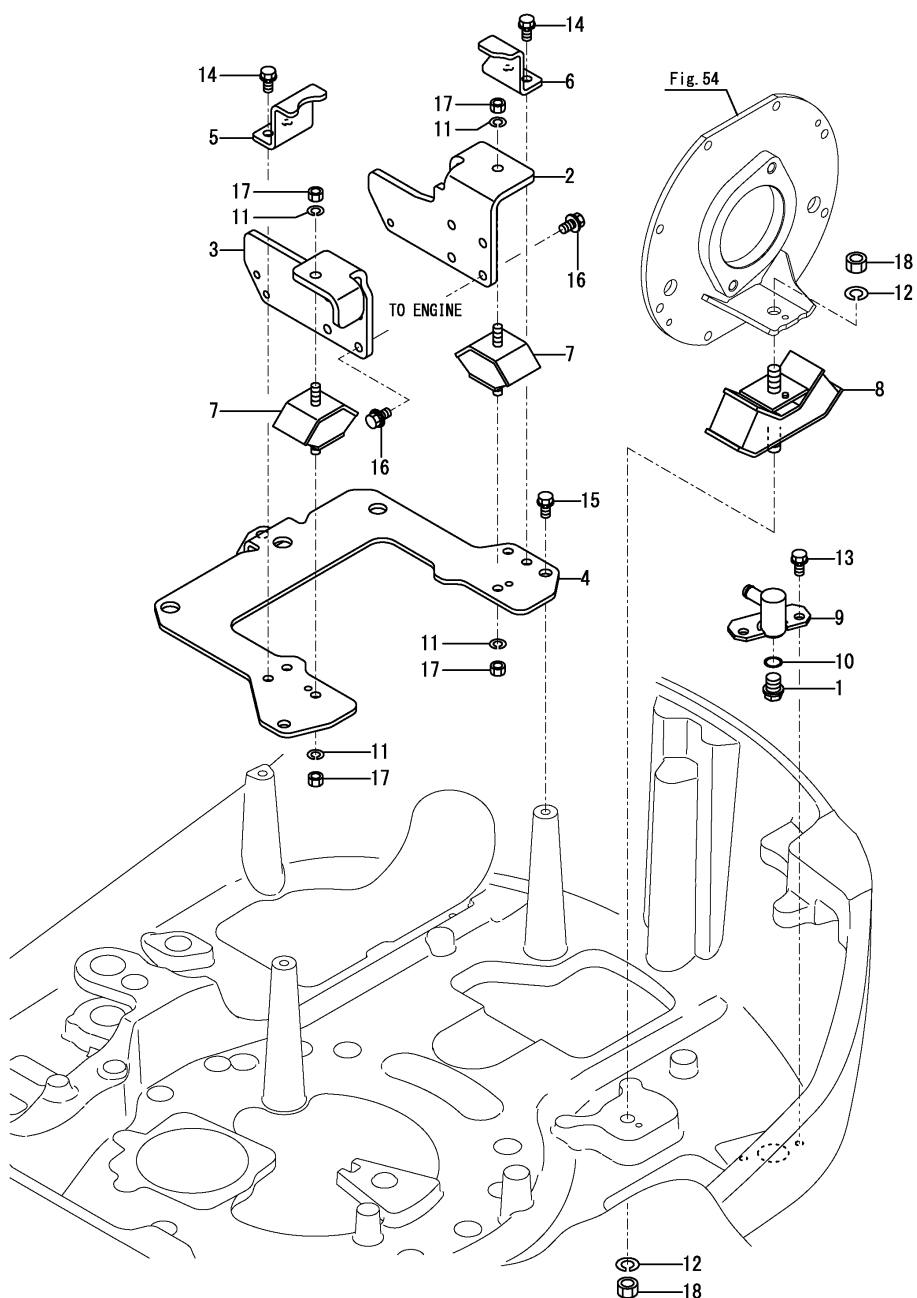
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OCK50-M00240 ENGINE RELATED
Fig.6. ACCELERATOR LEVER

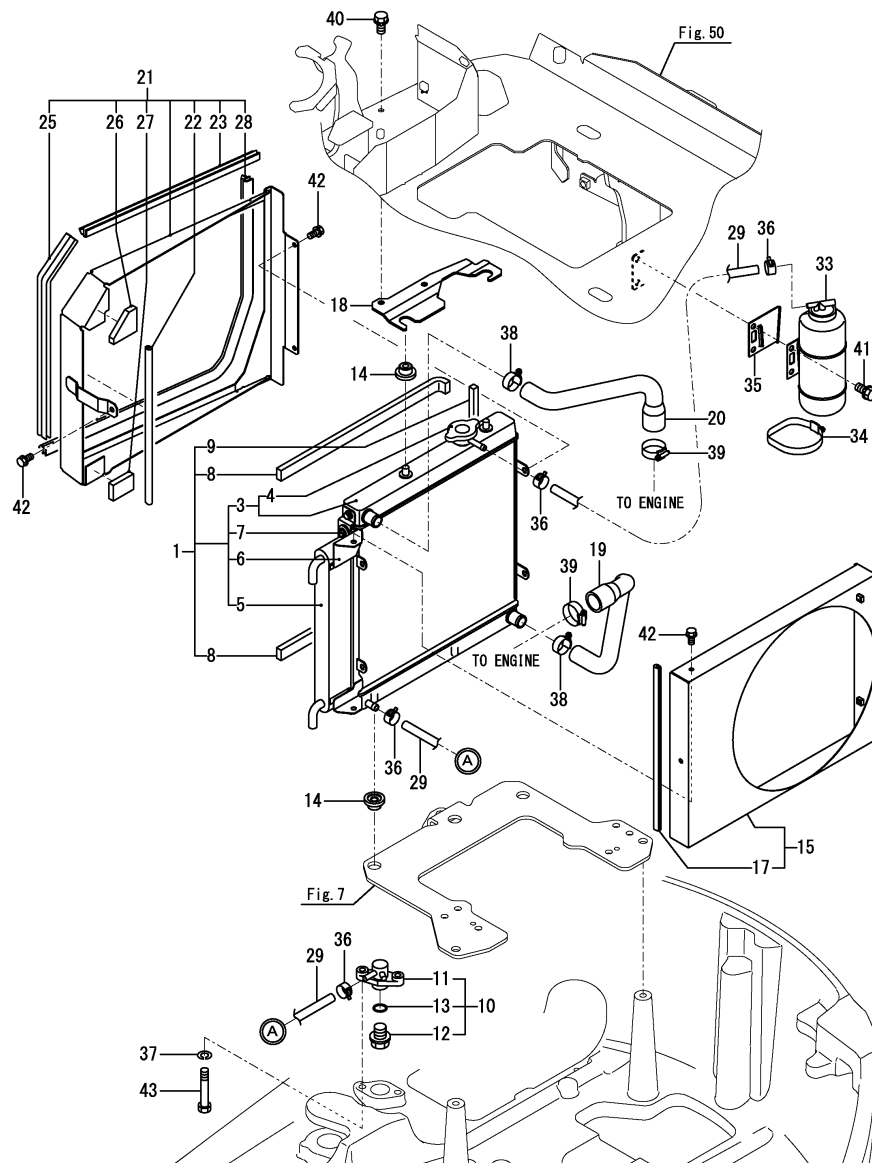


0CK50-M00240										Fig.6	
(A)=VIO17-A P(US)										(D)=	
(B)=										(E)=	
(C)=										(F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A64-12100	BRACKET,WIRE	1							
2	1	172A64-12140	LEVER ASSY,ACCEL	1							
3	1	172A64-12181	ARM ASSY	1							
4	1	172A64-12200	CABLE, ACCELERATOR	1							
5	1	172498-12250	GRIP, ACCELERATOR	1							
6	1	172113-12522	PIN, CABLE	1							
7	1	1C6281-52310	PIN, SNAP 6	2							
8	1	172653-73200	WASHER, 12.5X26	1							
9	1	22137-060000	WASHER, 6	2							
10	1	26013-080162	BOLT, M8X 16	2							
11	1	26116-080254	BOLT, M8X 25 PLATED	1							
12	1	26716-080002	NUT, M8	1							
13	1	26756-120002	NUT, LOCK M12	2							
14	1	933170-01490	SPRING	2							
15	1	26116-060504	BOLT, M6X 50 PLATED	1							
16	1	26756-060002	NUT, LOCK M6	1							

Fig.7. ENGINE MOUNT



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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-13190	RADIATOR ASSY	1							
3	3	172A64-13210	RADIATOR ASSY	1							
4	4	172446-13450	CAP, PRESSURE	1							
5	3	172A64-13220	COOLER ASSY, OIL	1							
6	3	172A64-13230	SUPPORT ASSY	1							
7	3	26014-060122	BOLT, M6X 12	5							
8	2	172A64-13310	SEAL	2							
9	2	172A64-13320	SEAL	1							
10	1	172444-13210	COCK ASSY, 2-WAY	1							
11	2	172444-13220	BODY	1							
12	2	121250-49121	PLUG, DRAIN	1							
13	2	24311-000160	O-RING, 1AP16.0	1							
14	1	172446-13330	ABSORBER, SHOCK	4							
15	1	172A64-13360	SHROUD ASSY	1							
17	2	172456-13480	TRIM	1							
18	1	172A64-13400	BRACKET ASSY,UP	1							
19	1	172A64-13510	PIPE, WATER	1							
20	1	172A64-13520	PIPE, WATER	1							
21	1	172A64-13700	DUCT ASSY	1							
22	2	172638-06710	RUBBER, CUSHION 300	1							
23	2	172A64-13680	SEAL	1							
25	2	172A64-13760	SEAL	1							
26	2	172A64-13770	SEAL	1							
27	2	172A64-13780	SEAL	1							
28	2	172A64-13790	SEAL	1							
29	1	172186-13810	HOSE ASSY	2							
33	1	119813-44510	TANK ASSY	1							1
33A	1	172A38-03201	LABEL, SUB TANK	1							2
34	1	124450-44550	BAND	1							
35	1	121256-44600-3	BRACKET	1							
36	1	124766-59050	CLIP, HOSE 11.5	4							
37	1	22217-080000	WASHER, SPRING 8	2							
38	1	23001-025000	CLAMP, HOSE 25	2							
39	1	23001-041000	CLAMP, HOSE 41	2							
40	1	26013-080162	BOLT, M8X 16	2							
41	1	26013-080162	BOLT, M8X 16	2							
42	1	26014-060122	BOLT, M6X 12	5							
43	1	26116-080452	BOLT, M8X 45 PLATED	2							

(1) Attach the No.33A label to this part.
(2) Not illustrated.

Fig.9. FUEL TANK

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08370	FUEL OIL TANK KIT	1							
2	2	172A64-14111	TANK ASSY, FUEL	1							
3	3	194151-04141	STRAINER, FUEL	1							
4	3	194151-04150	GASKET, STRAINER	1							
5	3	194250-04301	CAP ASSY, TANK	1							
7	4	194250-04321	VALVE, VENT	1							
9	3	172A29-62900	RUBBER PLATE A	3							
10	2	172456-14152	GAUGE, FUEL	1							
11	2	172162-14200	GASKET	1							
12	2	26022-050122	SCREW, M5X12	5							
13	1	172A64-14200	CLAMP ASSY, FUEL	1							
15	2	172A64-14230	PLATE, RUBBER	1							
16	1	172458-14370	SUMP, FUEL	1							
17	1	172A64-14400	MOUNT ASSY,FUEL OIL	1							
18	2	172446-14250	PLATE, RUBBER	1							
20	1	172455-14470	HOSE	1							
21	1	172171-14610	HOSE, FUEL	1							
22	1	124766-59050	CLIP, HOSE 11.5	2							
23	1	22487-080160	PIN, H 8X 16	1							
24	1	23080-013000	CLAMP, 13	1							
25	1	26013-100202	BOLT, M10X 20	3							
26	1	26367-100002	NUT, M10	2							

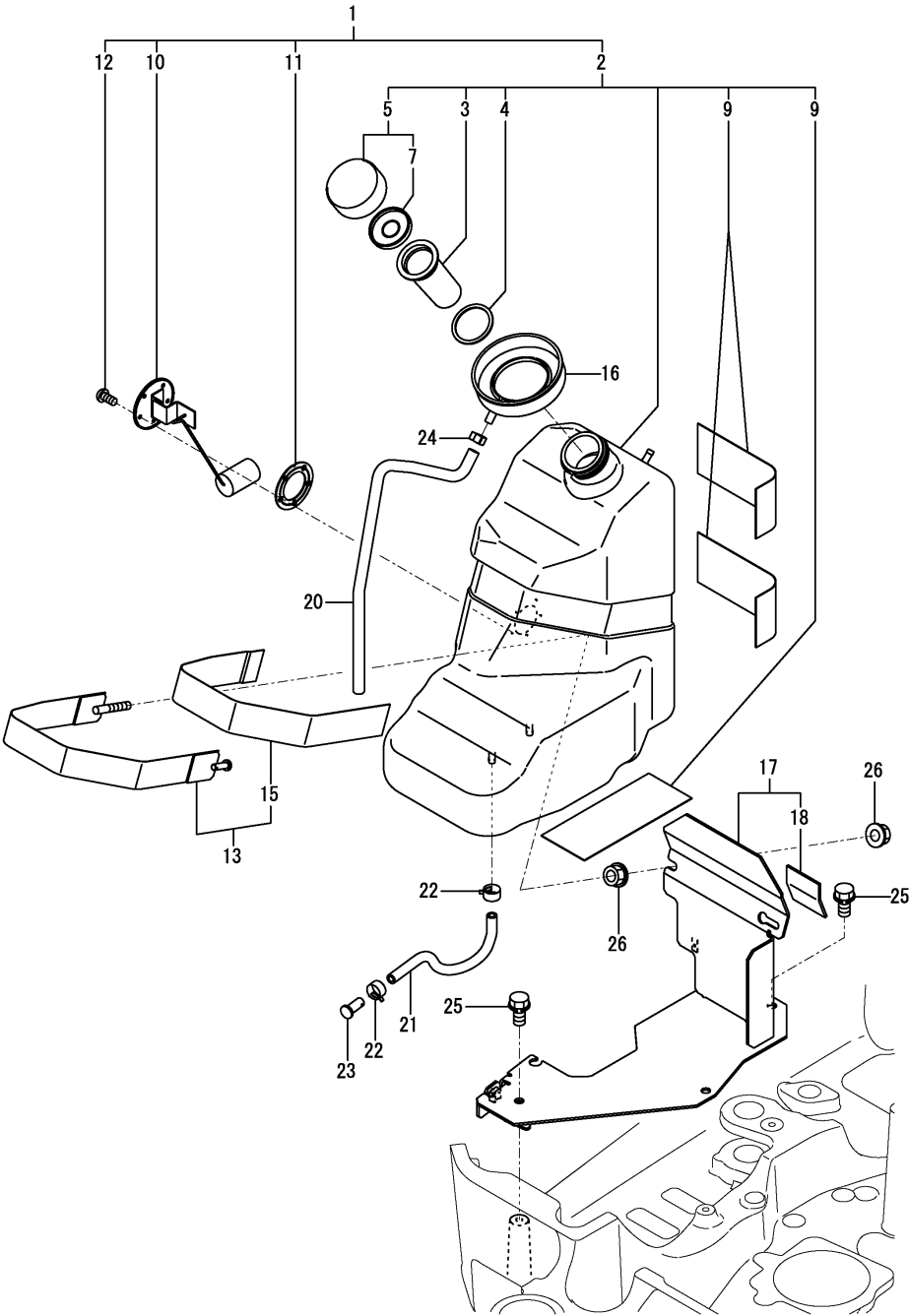
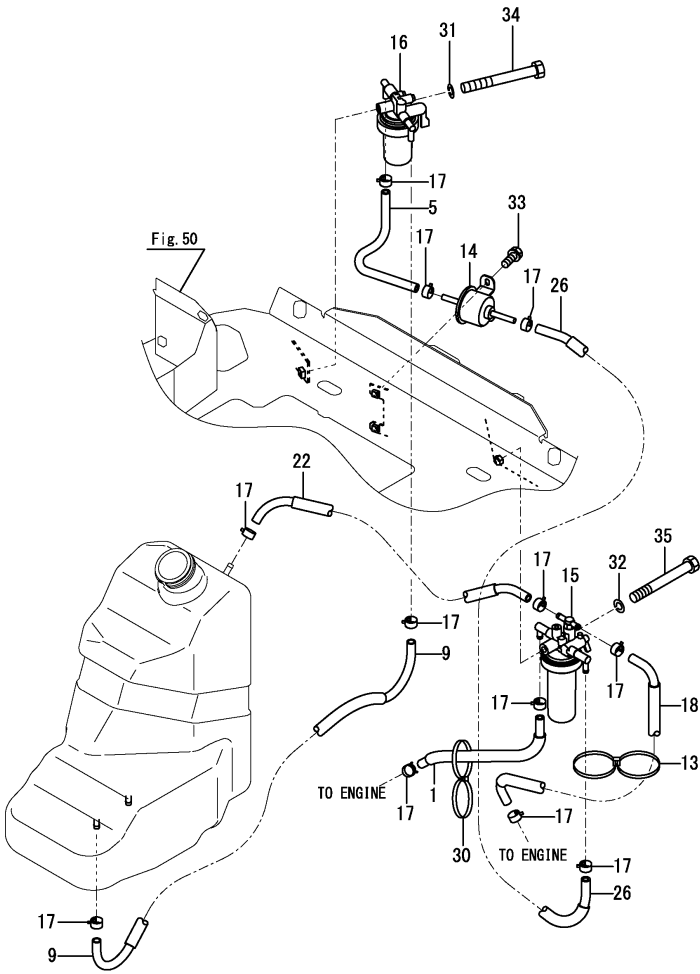


Fig.10. FUEL PIPING



(A)=VIO17-A P(US)
(B)=
(C)=

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

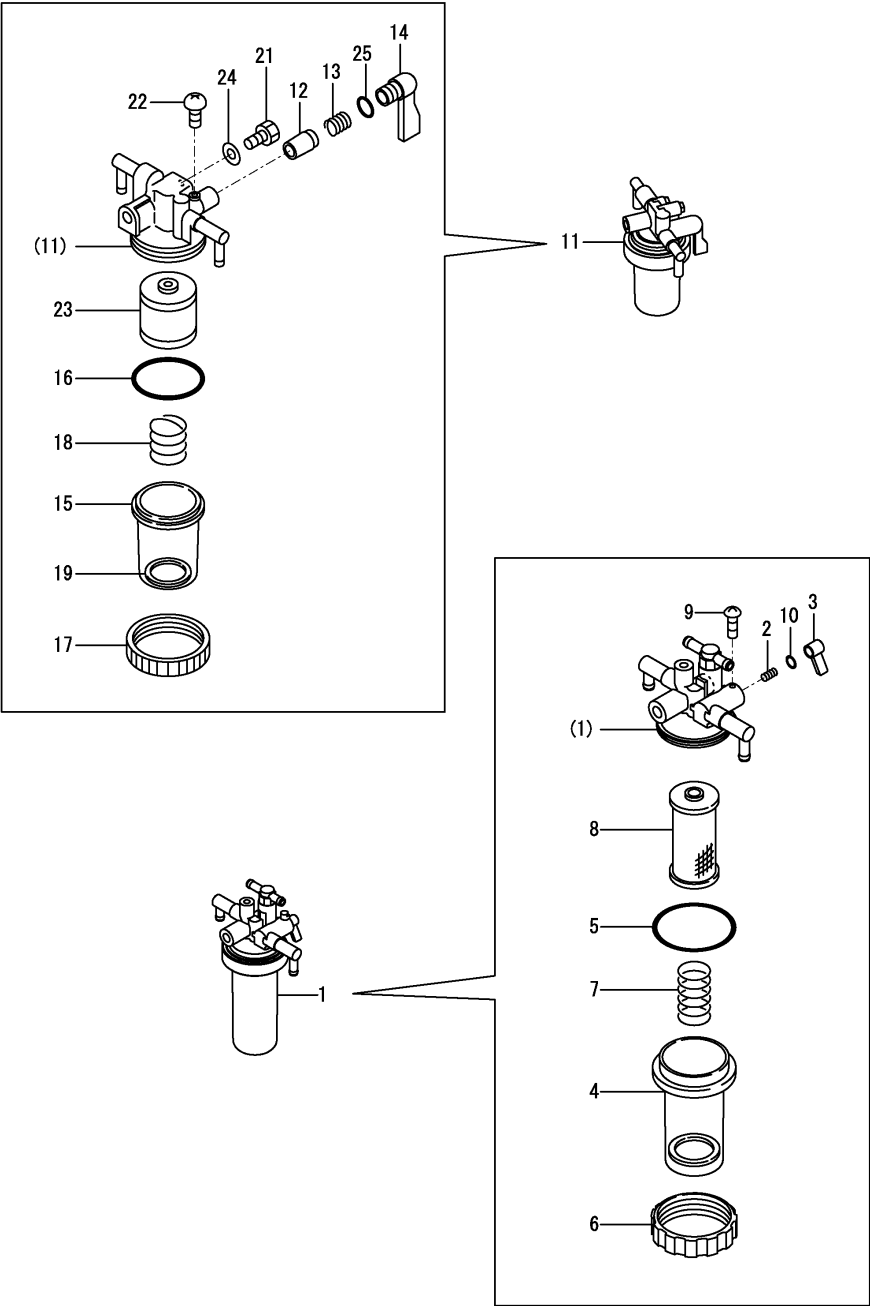
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-13810	HOSE ASSY	1							
5	1	172A64-14250	HOSE ASSY,FO 260	1							
9	1	172456-14610	HOSE,FO1470 ASSY	1							
13	1	172137-16560	BAND	1							
14	1	129612-52100	PUMP ASSY, FUEL FEED	1							
15	1	119833-55621	FILTER ASSY, FUEL	1							1
16	1	129335-55701	SEPARATOR ASSY,WATER	1							1
17	1	124766-59050	CLIP, HOSE 11.5	12							
18	1	184015-59130	HOSE	1							
22	1	184015-59250	HOSE	1							
26	1	184014-59650	HOSE	1							
30	1	172187-78580	BAND	1							
31	1	22217-080000	WASHER, SPRING 8	1							
32	1	22217-080000	WASHER, SPRING 8	1							
33	1	26014-060162	BOLT, M6X 16	2							
34	1	26116-080652	BOLT, M8X 65 PLATED	1							
35	1	26116-080652	BOLT, M8X 65 PLATED	1							

Remarks
(1)Inner parts are shown in Fig.11.

Fig.11. FUEL FILTER & WATER SEPARATOR(INNER PARTS)

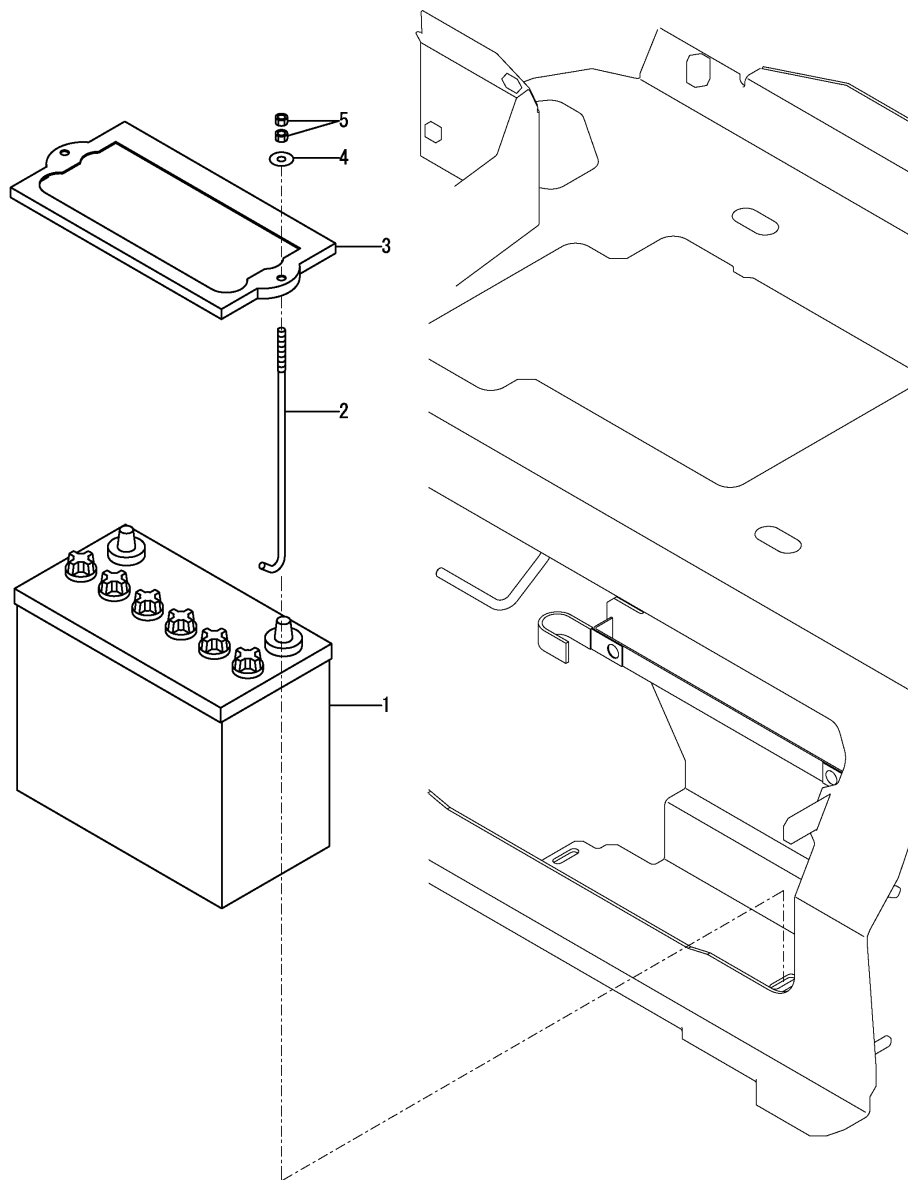
(A)=VIO17-A P(US)
(B)=
(C)=

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

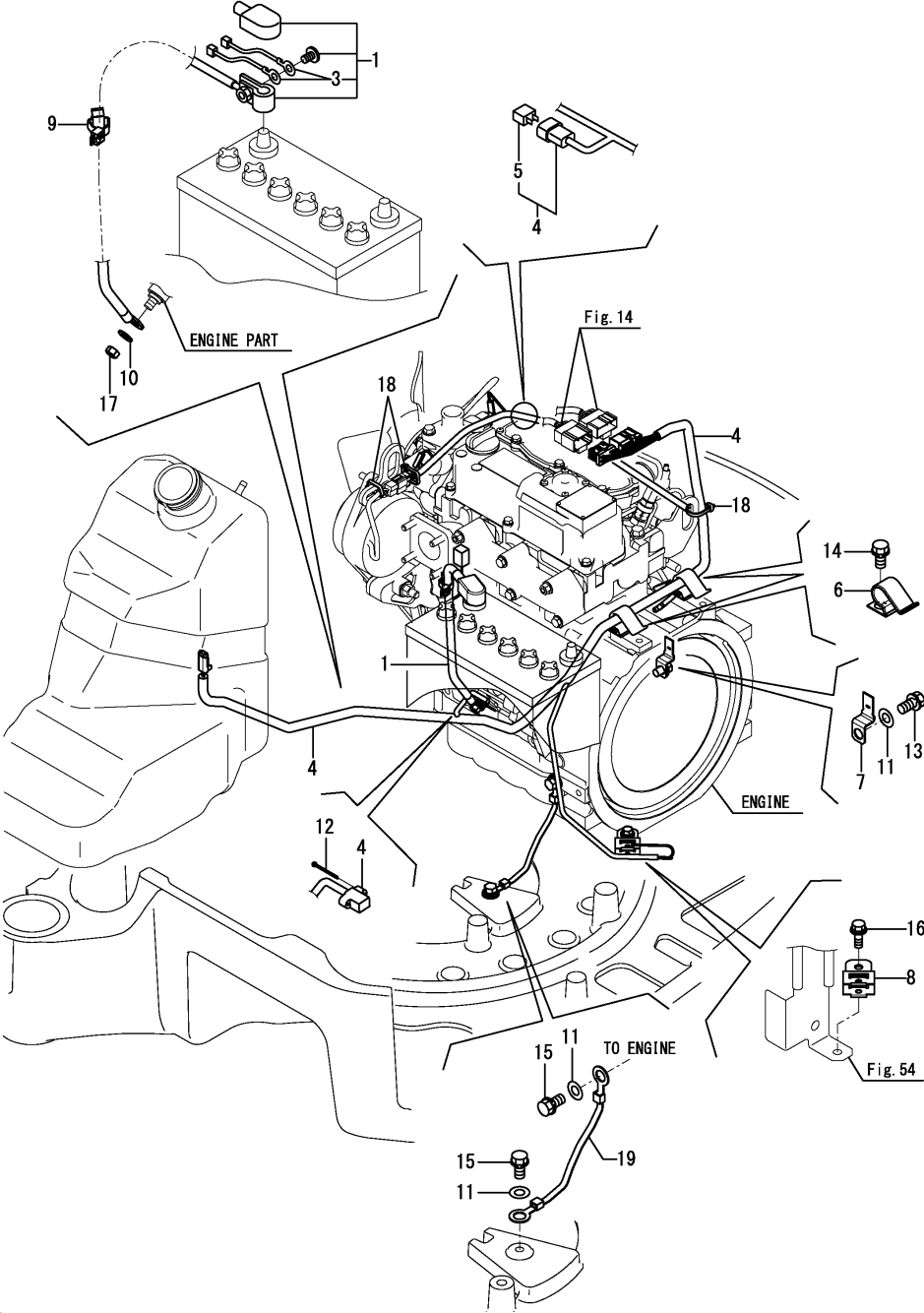


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	119833-55621	FILTER ASSY, FUEL	1							
2	2	104200-55330	SPRING, VALVE	1							
3	2	119810-55340	LEVER	1							
4	2	121254-55510	COVER	1							
5	2	102103-55520	O-RING	1							
6	2	110250-55610	RING, RETAINING	1							
7	2	121250-55620	SPRING	1							
8	2	119810-55650	ELEMENT	1							
9	2	104200-55750	SCREW, M4	1							
10	2	24311-240100	O-RING, 1AP10A	1							
11	1	129335-55701	SEPARATOR ASSY,WATER	1							
12	2	104200-55321	VALVE, TAPER	1							
13	2	104200-55330	SPRING, VALVE	1							
14	2	104200-55341	HANDLE	1							
15	2	124064-55510	COVER	1							
16	2	102103-55520	O-RING	1							
17	2	110250-55610	RING, RETAINING	1							
18	2	121257-55720	SPRING	1							
19	2	121257-55731	FLOAT	1							
21	2	101720-55750	PLUG, 6	2							
22	2	104200-55750	SCREW, M4	1							
23	2	171081-55910	SCREEN	1							
24	2	23418-060000	GASKET, 6X1.0	2							
25	2	24311-240100	O-RING, 1AP10A	1							

Fig.12. BATTERY



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172458-16110	BATTERY			1					
2	1	172725-16160	ROD, BATTERY CLAMP			2					
3	1	194940-64750	CLAMP, BATTERY			1					
4	1	22157-060000	WASHER, 6			2					
5	1	26716-060002	NUT, M6			4					



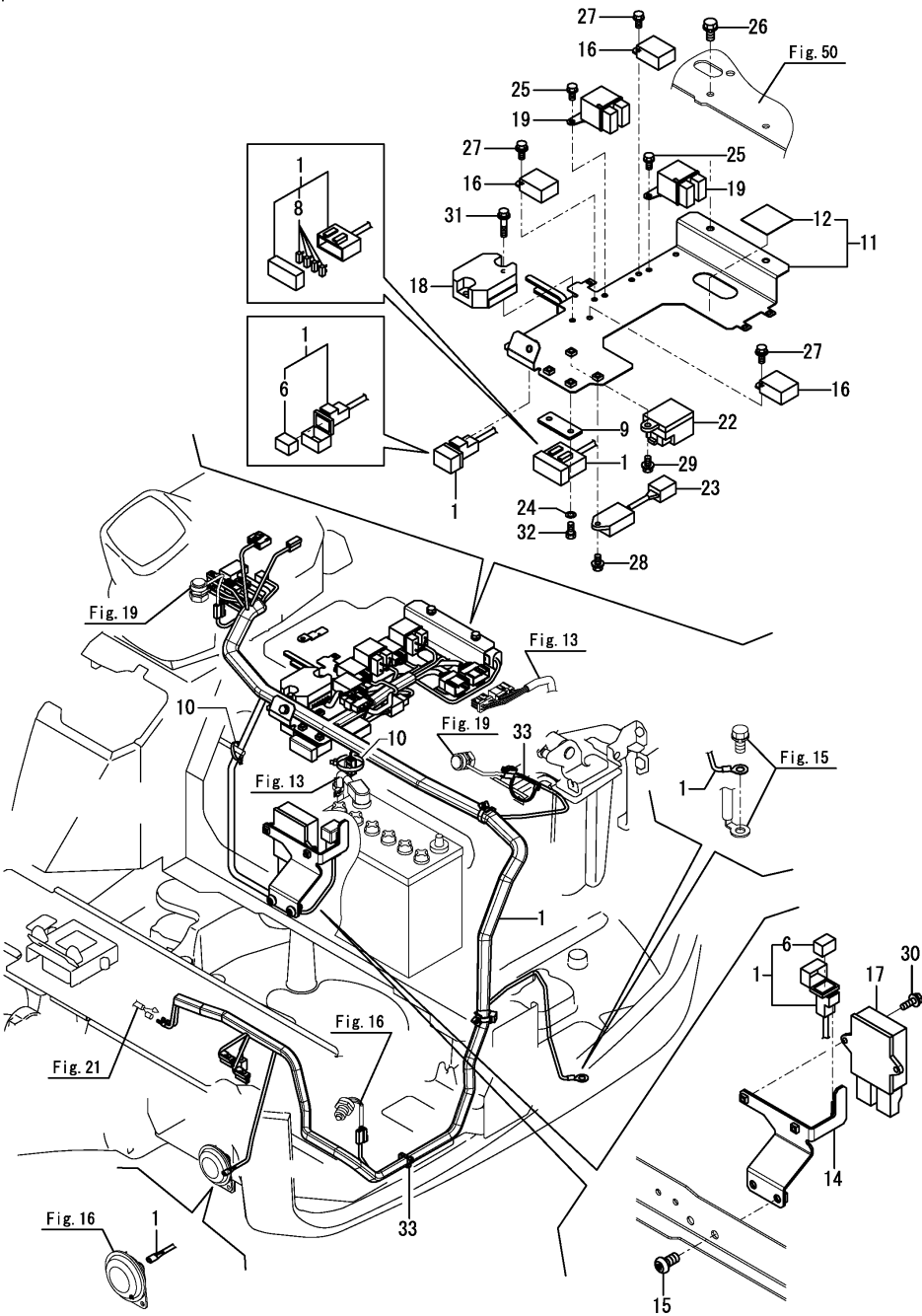
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B18-16100	CABLE ASSY, BATTERY+	1							
3	2	172A64-16120	HARNESS, F	2							
4	1	172A64-16502	HARNESS ASSY, A	1							
5	2	1A7130-51130	DIODE, 1.5A	1							
6	1	172112-16650	CLAMP	2							
7	1	172460-16700	STAY	1							
8	1	1A7347-51200	CLIP, METAL DTM	2							
9	1	194680-51670	BAND, CLIP	1							
10	1	22137-080000	WASHER, 8	1							
11	1	22137-100000	WASHER, 10	3							
12	1	22417-200250	PIN, COTTER 2.0X25	1							
13	1	26013-100162	BOLT, M10X 16	1							
14	1	26013-100162	BOLT, M10X 16	2							
15	1	26013-100162	BOLT, M10X 16	2							
16	1	26014-080202	BOLT, M8X 20	1							
17	1	26716-080002	NUT, M8	1							
18	1	933168-55770	BAND	3							
19	1	933171-15801	CORD, ENGINE EARTH	1							

(A)=VIO17-A P(US)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B18-16530	HARNESS ASSY, B US	1							
6	2	172447-17150	FUSE 40A	2							
8	2	29420-150000	FUSE, B 15A	4							
9	1	172183-16550	BRACKET,FUSE	1							
10	1	172137-16560	BAND	2							
11	1	172A64-17121	BRACKET ASSY,ELC	1							
12	2	172446-14250	PLATE, RUBBER	1							
14	1	172B18-17150	BRACKET ASSY, DRIVER	1							
15	1	172455-61720	BOLT	2							
16	1	119247-77100	RELAY, SAFETY	3							
17	1	119C10-77600	DRIVER	1							
18	1	119653-77711	LIMITER, CURRENT	1							
19	1	119650-77911	RELAY ASSY, GLOW	2							
22	1	124970-77920	TIMER	1							
23	1	129211-77920	TIMER	1							
24	1	22137-060000	WASHER, 6	2							
25	1	26013-060122	BOLT, M6X 12	4							
26	1	26013-080162	BOLT, M8X 16	3							
27	1	26014-060122	BOLT, M6X 12	3							
28	1	26014-060162	BOLT, M6X 16	1							
29	1	26014-060202	BOLT, M6X 20	1							
30	1	26014-060202	BOLT, M6X 20	2							
31	1	26014-060252	BOLT, M6X 25	2							
32	1	26116-060162	BOLT, M6X 16 PLATED	2							
33	1	933168-55770	BAND	3							

Fig.15. BATTERY(MINUS CABLE)

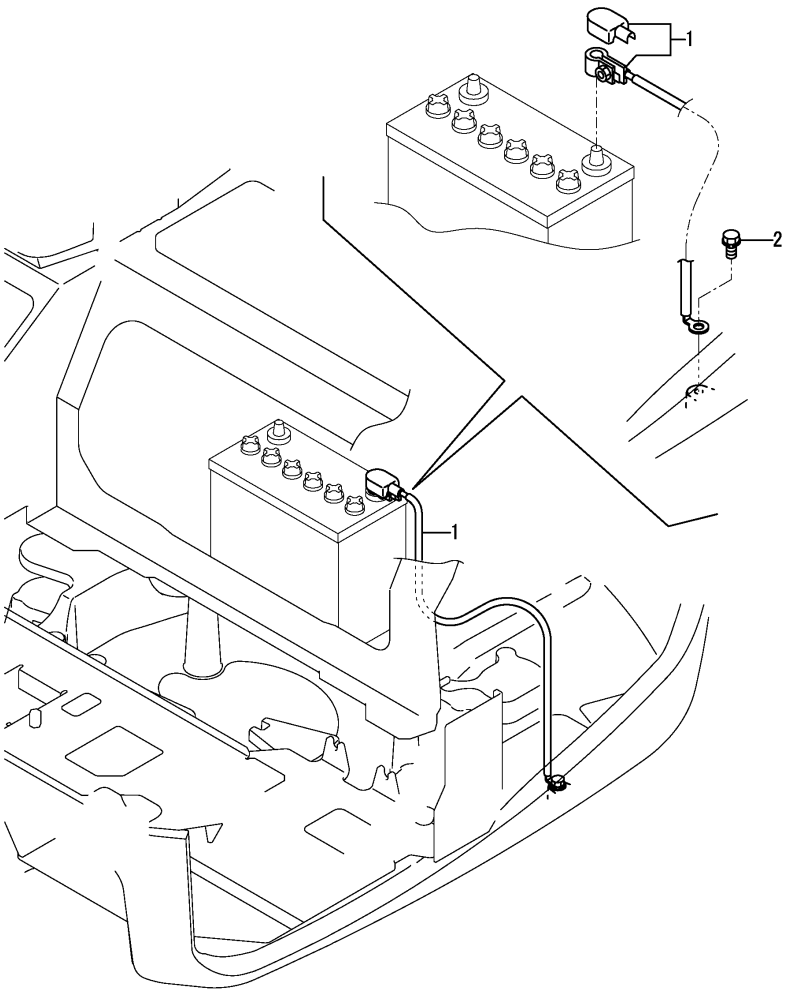
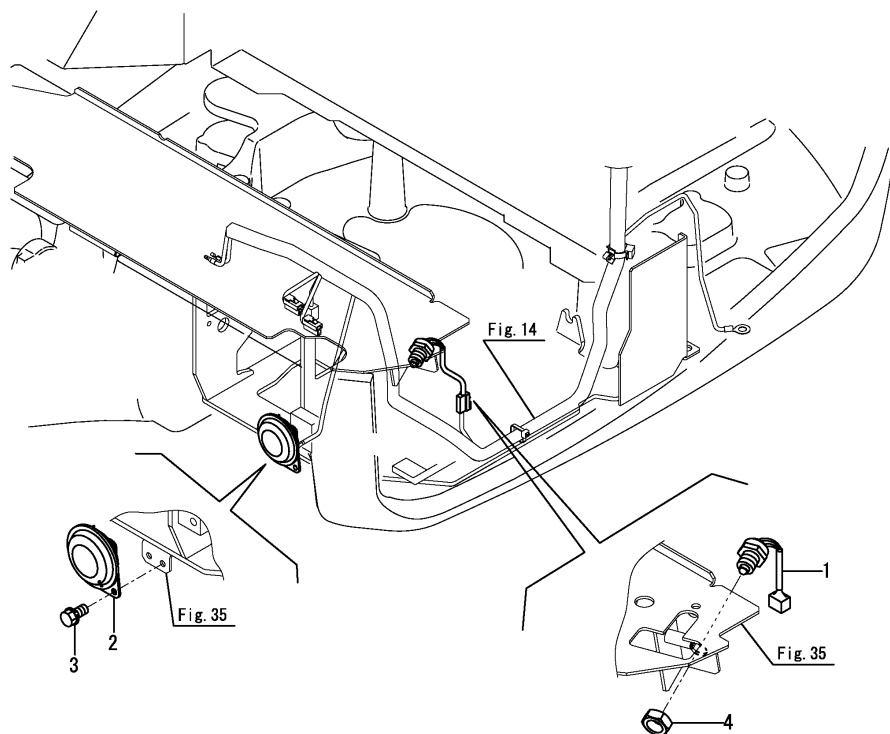
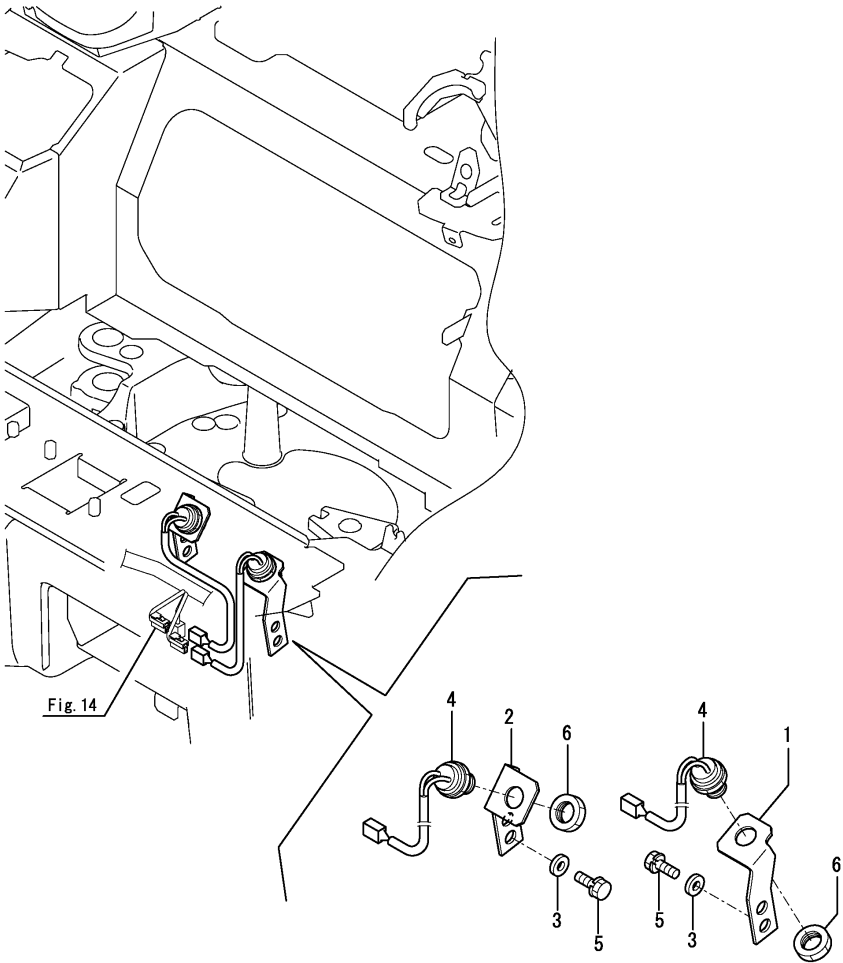
[illegible]

Fig.16. VALVE PLATE



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	194464-52190	SWITCH, SAFETY START			1					
2	1	194151-57100	HORN			1					
3	1	26014-060162	BOLT, M6X 16			2					
4	1	26776-180002	NUT, LOCK M18			1					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45310	STAY	1							
2	1	172A64-45320	STAY	1							
3	1	172157-45840	WASHER 8X18X4	4							
4	1	194464-52190	SWITCH, SAFETY START	2							
5	1	26013-080202	BOLT, M8X 20	4							
6	1	26776-180002	NUT, LOCK M18	2							

Fig.18. TRAVEL ALARM

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-16540	CLAMP	1							
2	1	172448-16600	HARNESS D CMP	1							
3	1	172511-17351	BUZZER, BACK	1							
4	1	172472-17401-Y	CASE ASSY, ALARM	1							
5	1	172472-17470-Y	COVER, ALARM CASE	1							
6	1	194440-51620	CLAMP	1							
7	1	26013-080122	BOLT, M8X 12	1							
8	1	26014-060122	BOLT, M6X 12	3							
9	1	26014-100202	BOLT, M10X 20	2							
10	1	933168-55770	BAND	1							

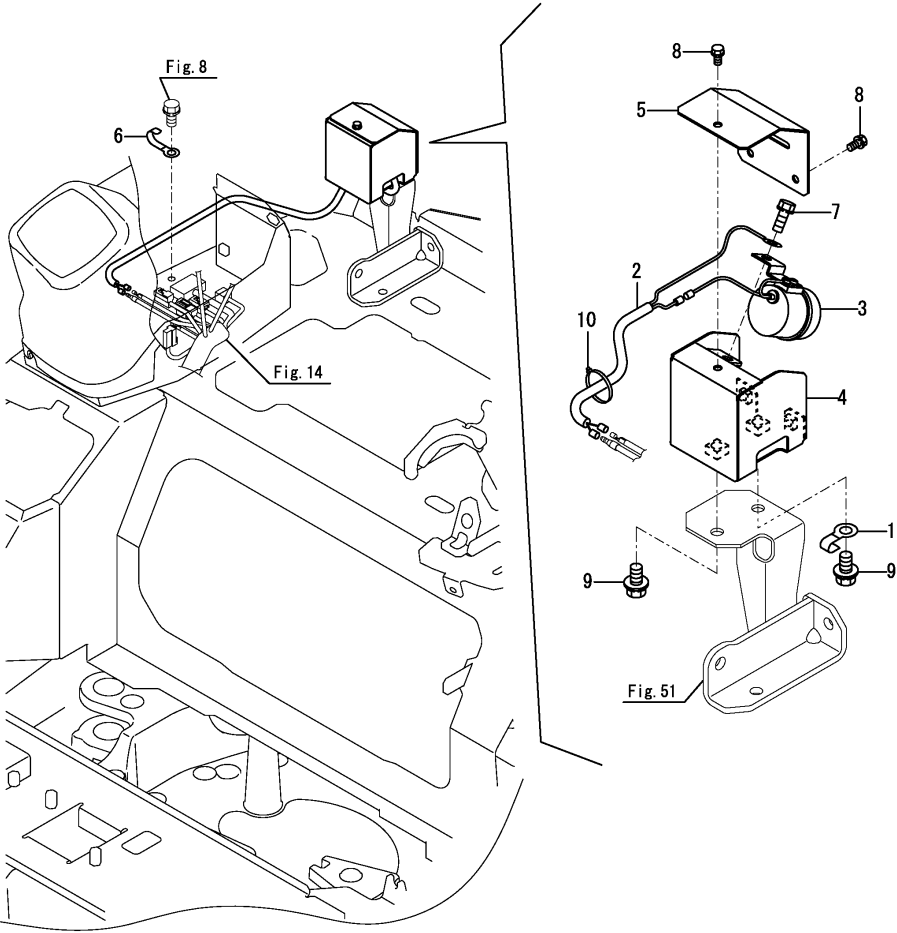
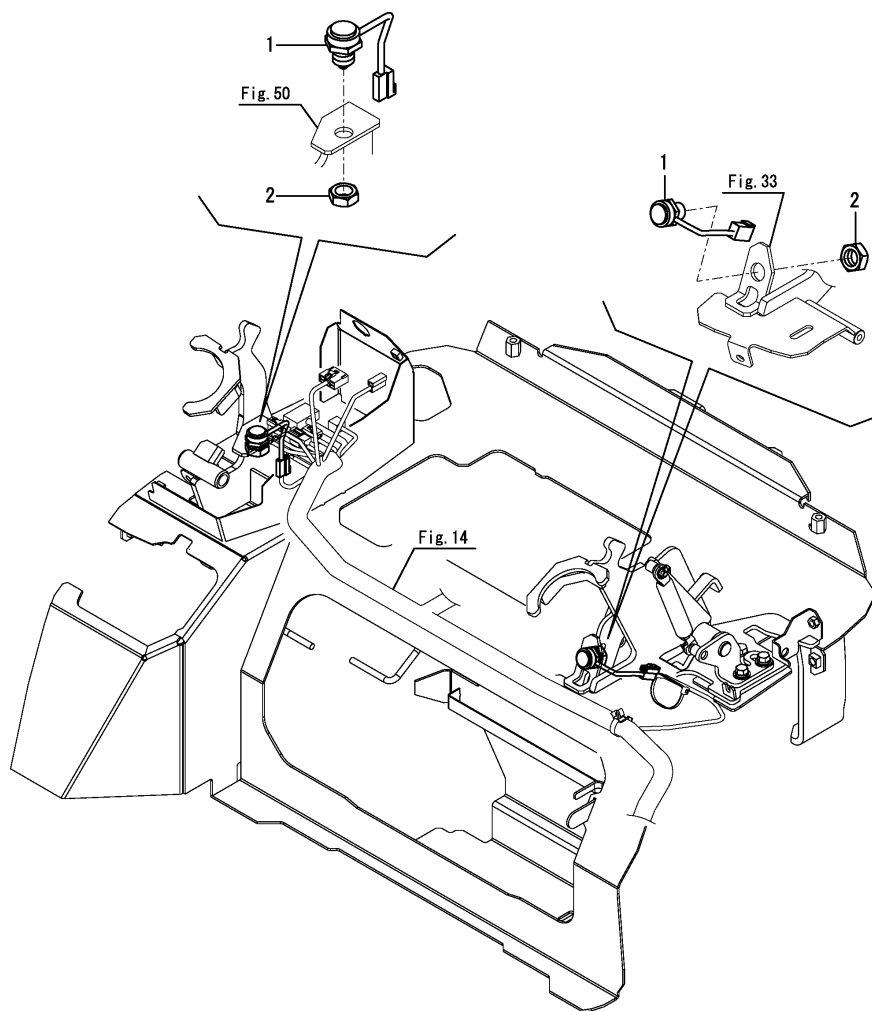


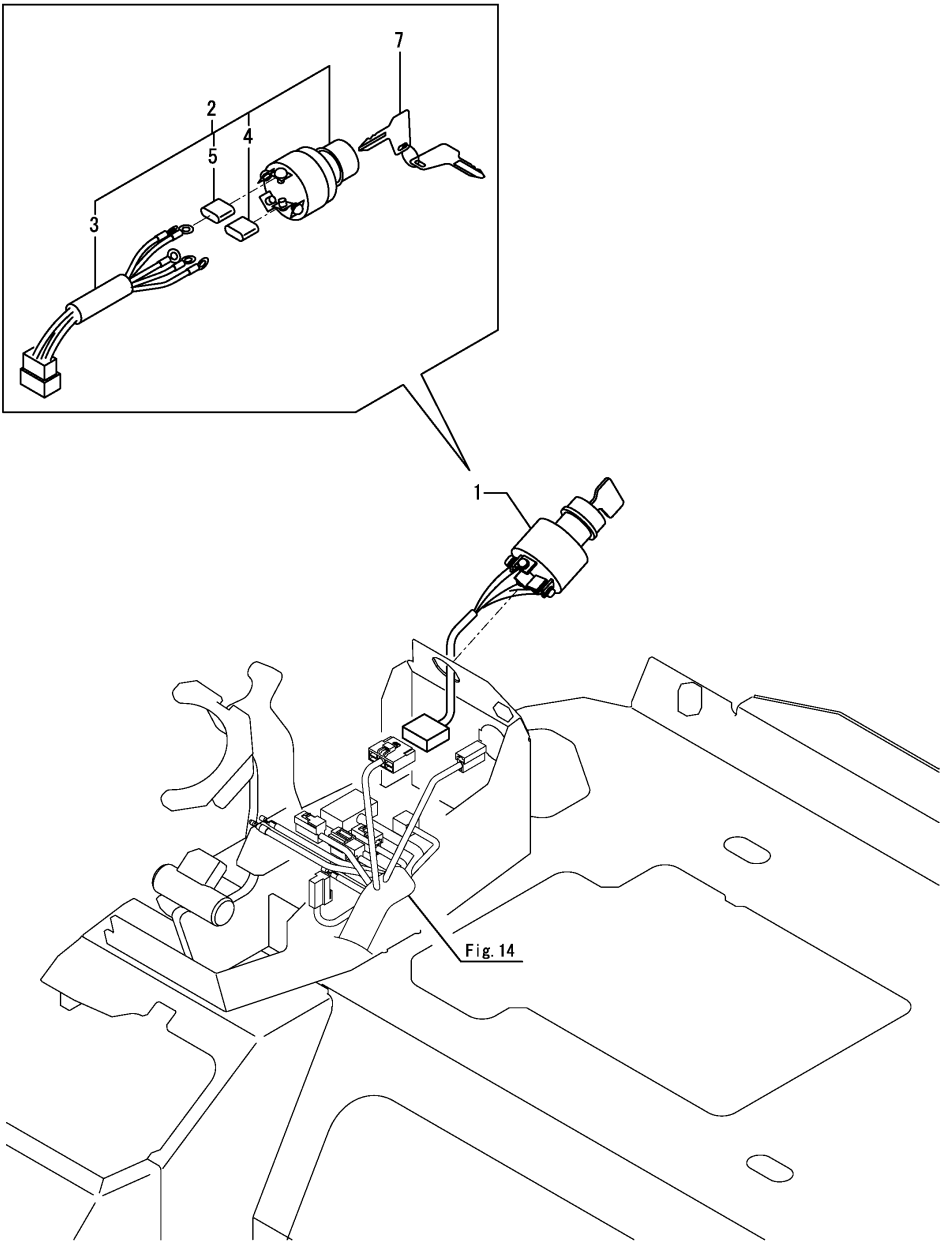
Fig.19. LEVER STAND



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194464-52190	SWITCH, SAFETY START	2							
2	1	26776-180002	NUT, LOCK M18	2							

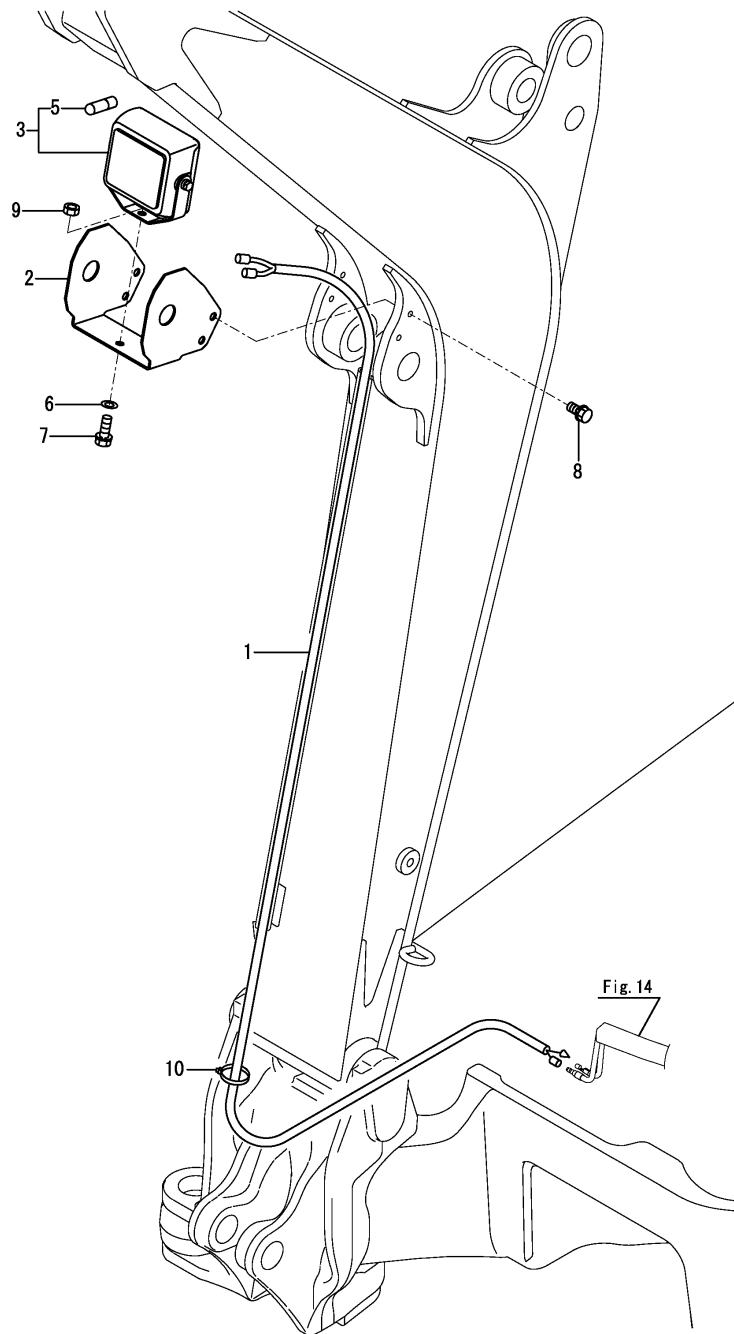
(A)=VIO17-A P(US)
(B)=
(C)=

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

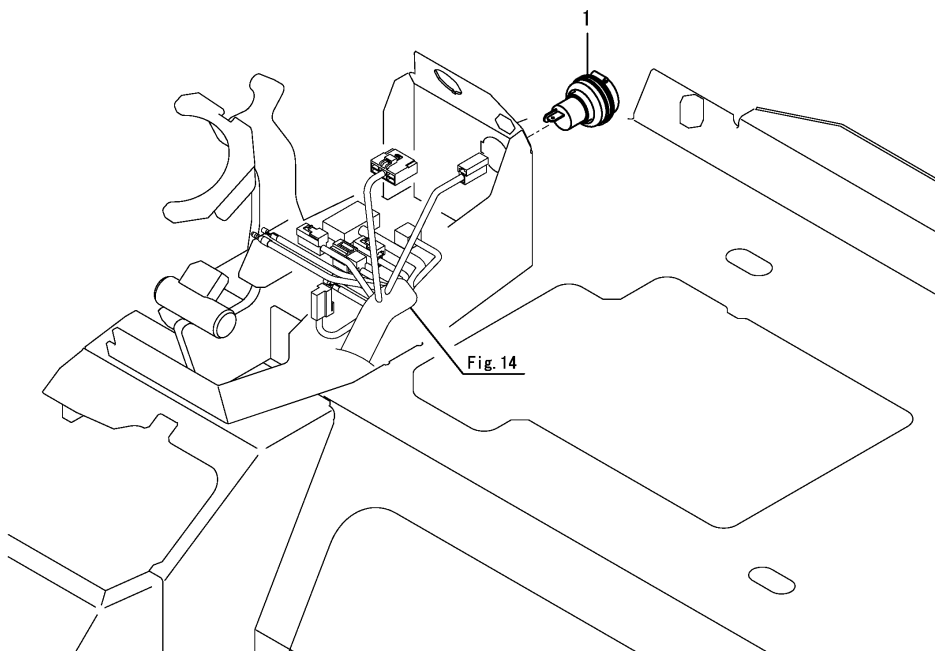


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17101	SWITCH ASSY, STARTER	1							
2	2	172A47-17211	CYLINDER ASSY, KEY	1							
3	3	172187-17070	CORD ASSY	1							
4	3	172187-17080	COVER	3							
5	3	172187-17090	COVER	2							
7	2	933110-00301	KEY ASSY	1							

Fig.21. WORK LAMP

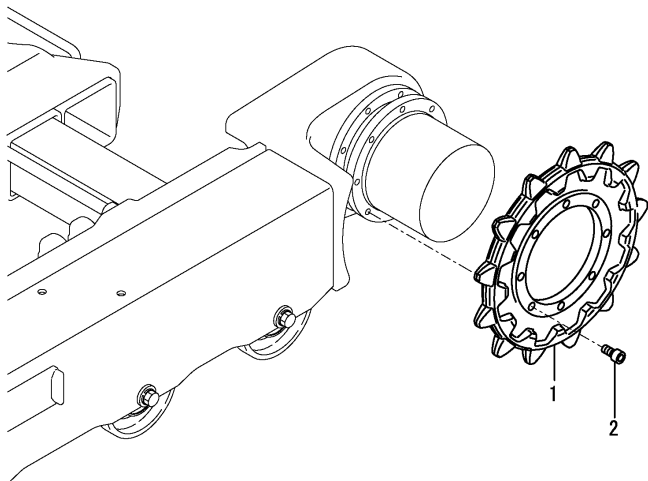


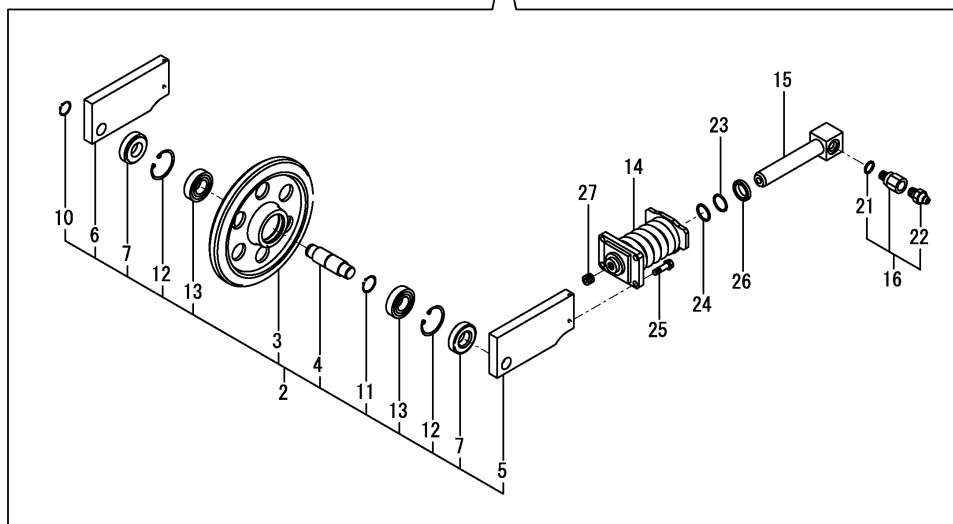
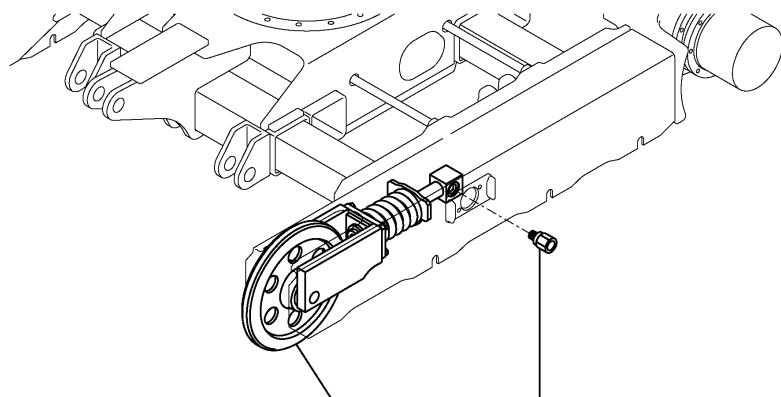
				(A)=VIO17-A P(US)			(D)=						
				(B)=			(E)=						
				(C)=			(F)=						
No.	Lev.	Parts No.	Description			Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172448-16550	HARNESS,BOOM LAMP	1									
2	1	172A64-17210-Y	BRACKET,WORK LAMP	1									
3	1	172156-17401	LAMP, WORK	1									
5	2	172156-17420	BULB, 12V 27W	1									
6	1	22117-080000	WASHER, 8	1									
7	1	26013-080162	BOLT, M8X 16	1									
8	1	26014-080162	BOLT, M8X 16	4									
9	1	26716-080002	NUT, M8	1									
10	1	933168-55770	BAND	1									



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-17250	SOCKET ASSY	1							

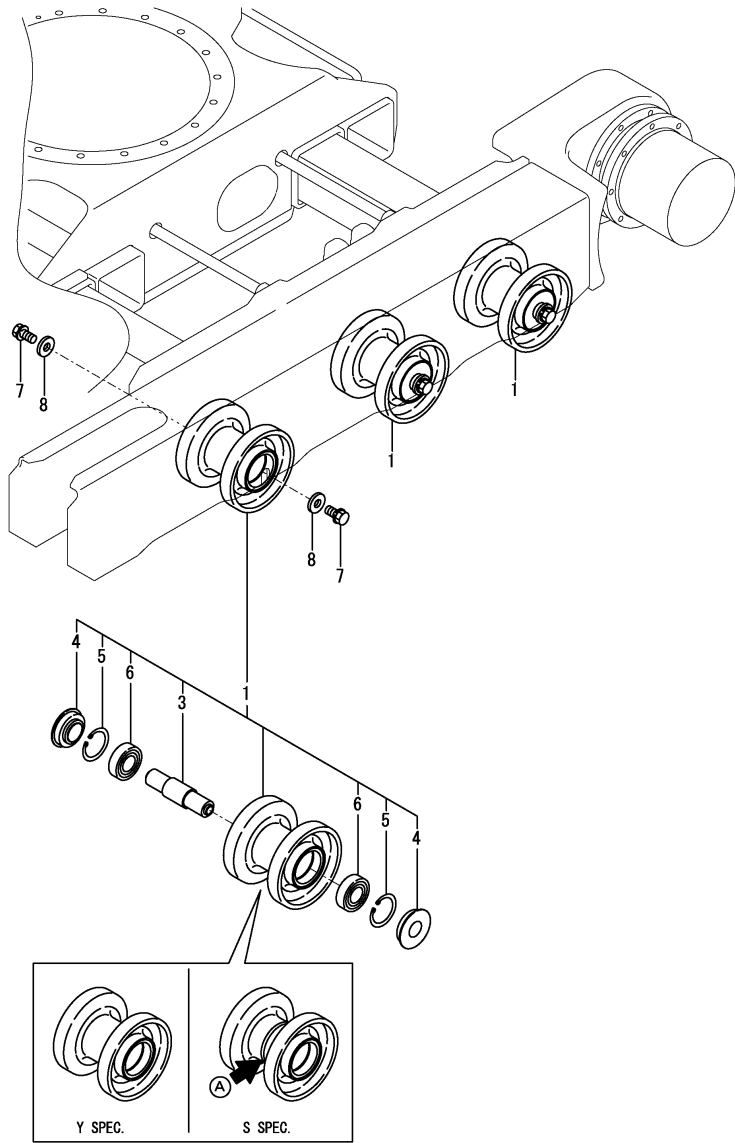
Fig.23. SPROCKET

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-37200	FORK ASSY, IDLER	2							
2	2	172A64-37210	IDLER ASSY, RUBBER	2							
3	3	172A64-37100	IDLER, 270	2							
4	3	172A64-37120	SHAFT, IDLER	2							
5	3	172A64-37130	FORK L, IDLER	2							
6	3	172A64-37140	FORK R, IDLER	2							
7	3	1A1060-48300	SEAL, QLN30X62X13.2	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	172448-37712	SPRING ASSY, ADJUST	2							
15	2	172448-37800	TUBE ASSY, ADJUST	2							
16	2	172122-37844	VALVE ASSY, NIPPLE	2							
21	3	24315-000140	O-RING, 1BP14.0	2							
22	3	24761-020000	NIPPLE, GREASE PT1/8	2							
23	2	172137-37850	RING, BACK UP	2							
24	2	24315-000300	O-RING, 1BP30.0	2							
25	2	26013-100352	BOLT, M10X 35	8							
26	2	933126-38600	SEAL, DUST	2							
27	2	933171-13691	PLUG	2							

Fig.25. TRACK ROLLER(Y SPEC.)



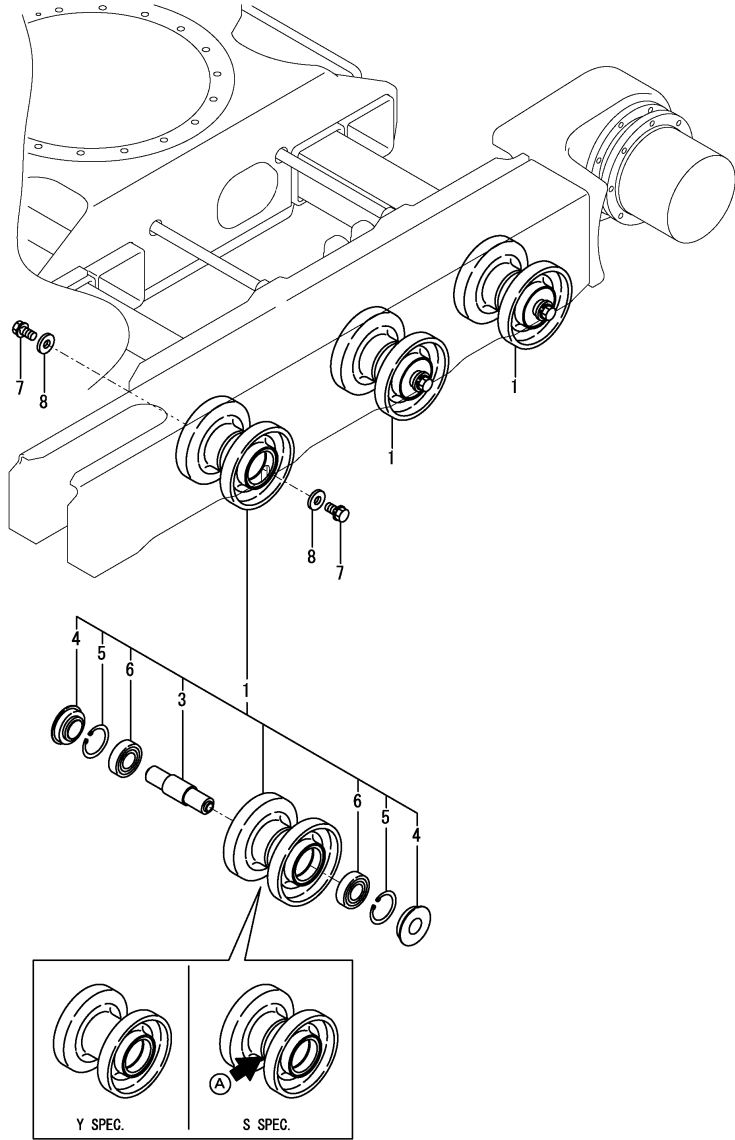
Remarks
(1)Compatibility by assembly exchange with parts of Fig.66(25A) No.1.
The inner parts are not compatible.
A : There is no welding in the Y specifications, and there is welding in the S specifications.

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A64-37300-2	ROLLER ASSY, TRACK	6						Z	1
		(A=MA0655)									
3	2	172448-37310	SHAFT, ROLLER	6							
4	2	1E6140-73420	SEAL, OIL 25X52X18	12							
5	2	22252-000520	RING, 52	12							
6	2	24101-062054	BEARING, BALL 6205	12							
7	1	26013-120252	BOLT, SPRING M12X 25	12							
8	1	933152-03700	WASHER, CLUTCH	12							

Fig.96. (25A)TRACK ROLLER(S SPEC.)



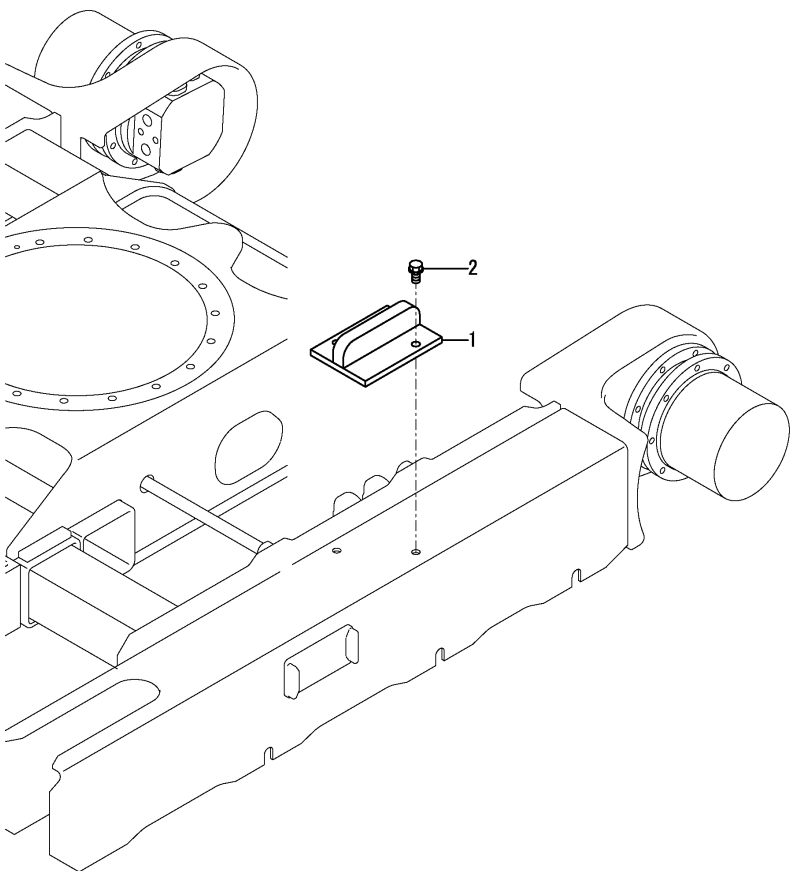
(A)=VIO17-A P(US)
(B)=
(C)=

(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							W
		(A=MA0655)									
3	2	172A64-37420	SHAFT	6							
4	2	1E6140-73420	SEAL, OIL 25X52X18	12							
5	2	22252-000520	RING, 52	12							
6	2	24101-062054	BEARING, BALL 6205	12							
7	1	26013-120252	BOLT, M12X 25	12							
8	1	933152-03700	WASHER, CLUTCH	12							

Remarks
* A : There is no welding in the Y specifications, and there is welding in the S specifications.
* Track roller (Y specification) are shown in Fig.25.
The inner parts are not compatible.

Fig.26. SHOE SLIDE PLATE

[illegible]

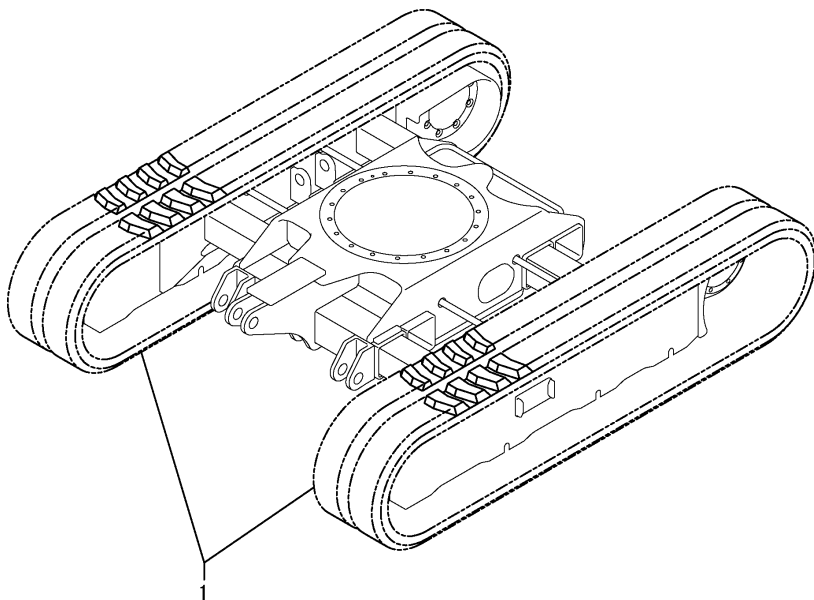
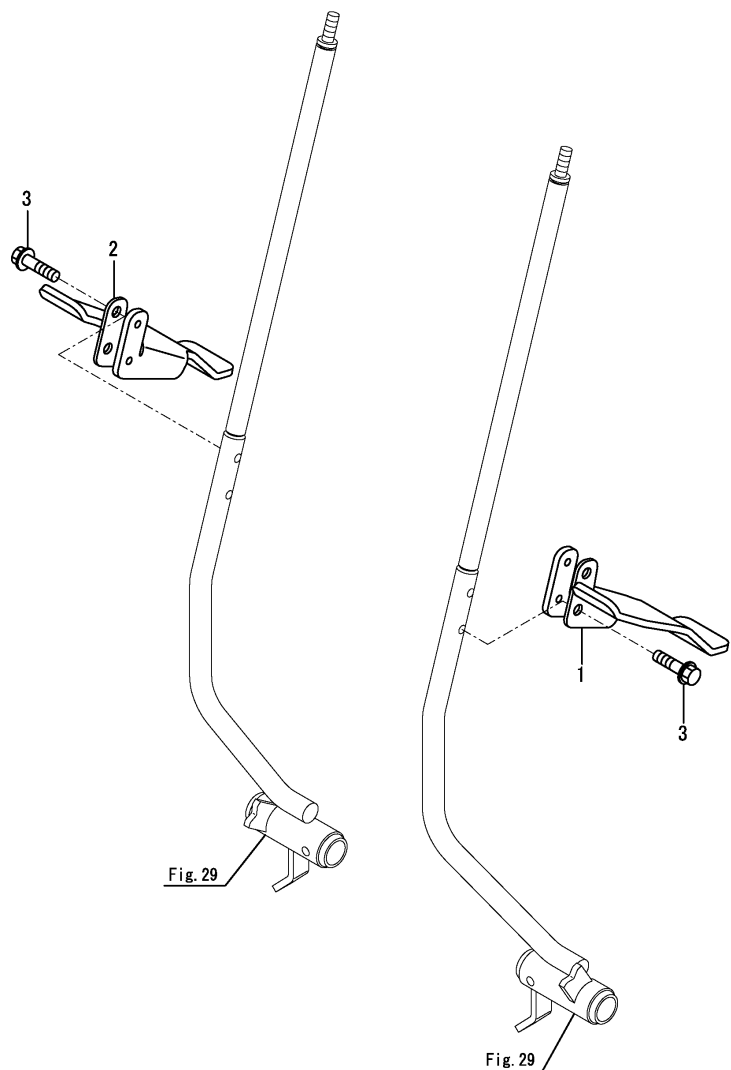
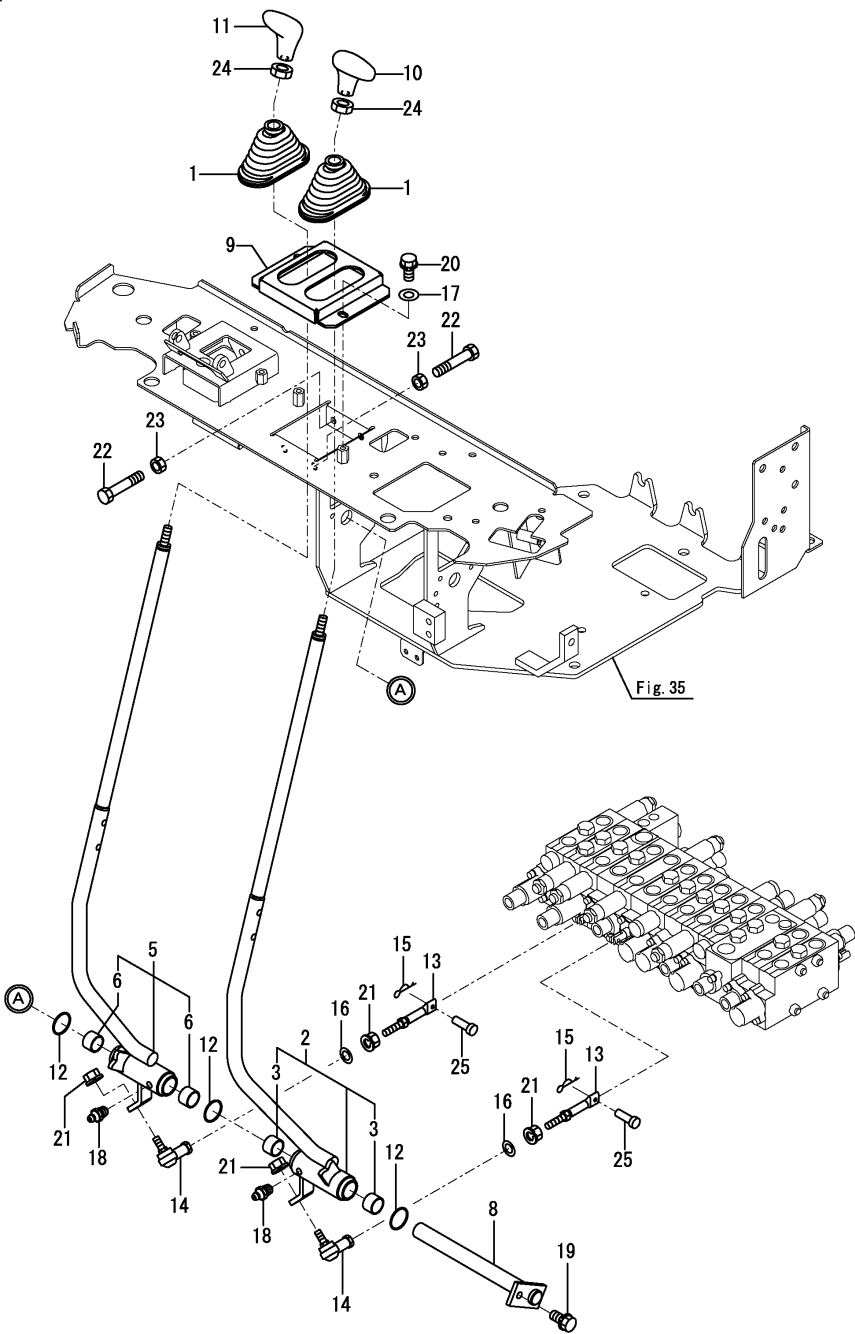
[illegible]

Fig.28. TRAVEL PEDAL



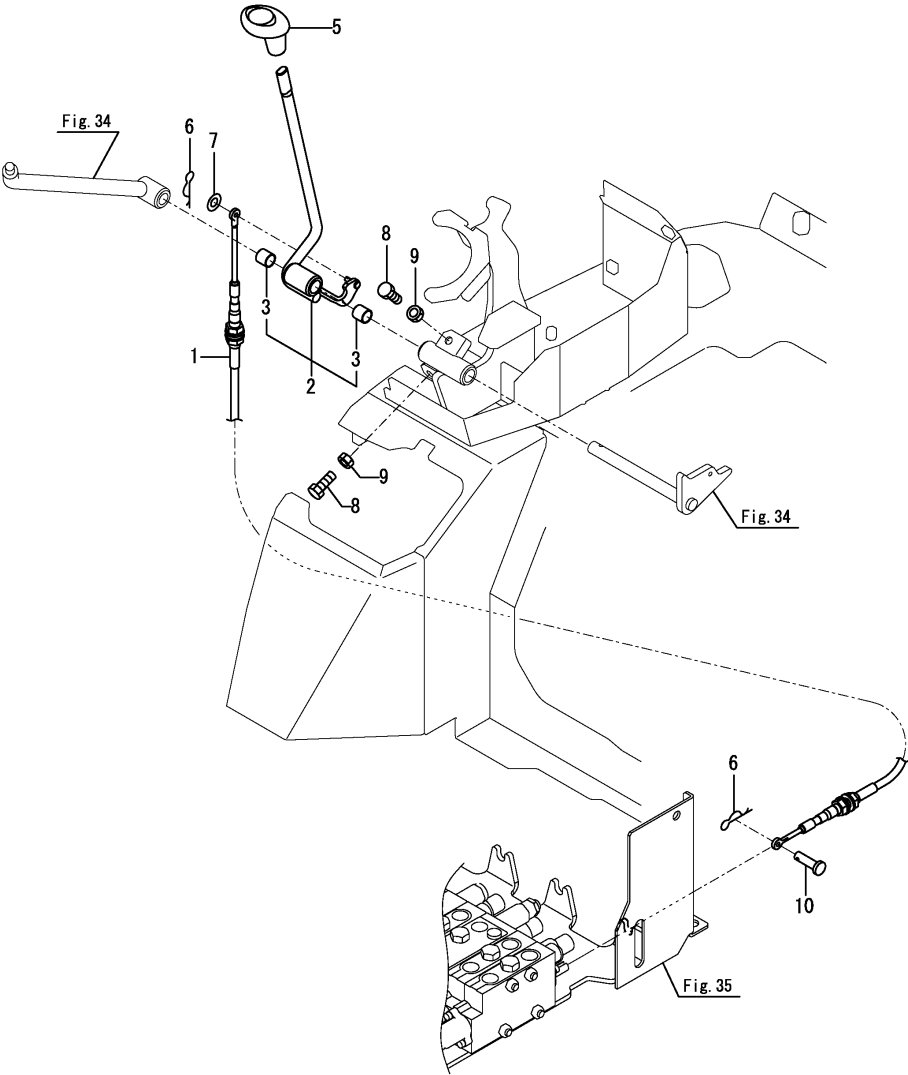
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-44200	PEDAL, TRUCK	1							
2	1	172A47-44230	PEDAL, TRUCK	1							
3	1	26106-080302	BOLT, M8X 30 PLATED	4							



(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2							
2	1	172A64-45101	LEVER L ASSY,TRACK	1							
3	2	172141-41370	BUSH	2							
5	1	172A64-45131	LEVER R ASSY,TRACK	1							
6	2	172141-41370	BUSH	2							
8	1	172A64-45200	SHAFT ASSY	1							
9	1	172458-45510-1	BRACKET, BOOT	1							
10	1	172164-45951	GRIP, DRIVE	1							
11	1	172164-45961	GRIP, DRIVE	1							
12	1	172124-46200	O-RING	3							
13	1	172124-46340-1	ROD ASSY, SPOOL A	2							
14	1	172122-46590	ELBOW	2							
15	1	1C6281-52310	PIN, SNAP 6	2							
16	1	22117-080000	WASHER, 8	2							
17	1	22137-080000	WASHER, 8	2							
18	1	24761-020000	NIPPLE, GREASE PT1/8	2							
19	1	26013-080162	BOLT, M8X 16	1							
20	1	26013-080162	BOLT, M8X 16	2							
21	1	26051-080002	NUT, M8	4							
22	1	26116-080404	BOLT, M8X 40 PLATED	4							
23	1	26756-080002	NUT, LOCK M8	4							
24	1	26756-100002	NUT, LOCK M10	2							
25	1	933110-54100	PIN	2							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45690	CABLE, BLADE	1							
2	1	172A64-45700	LEVER ASSY, BLADE	1							
3	2	172141-41360	BUSH	2							
5	1	172164-45970	GRIP, BLADE	1							
6	1	1C6281-52310	PIN, SNAP 6	2							
7	1	22137-050000	WASHER, 5	1							
8	1	26116-080252	BOLT, M8X 25 PLATED	2							
9	1	26756-080002	NUT, LOCK M8	2							
10	1	933110-54100	PIN	1							

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194150-01190	KNOB, LEVER	1							
2	1	172A64-45800	LEVER ASSY, W-N	1							
3	1	172A64-45840	PLATE, LINK	1							
4	1	172A64-45850	ARM ASSY, LINK	1							
5	1	1C6281-52310	PIN, SNAP 6	1							
6	1	22137-080000	WASHER, 8	1							
7	1	22372-100000	PIN, SNAP 10	1							
8	1	22372-140000	PIN, SNAP 14	1							
9	1	26347-080002	NUT, M8	1							
10	1	933110-54100	PIN	1							

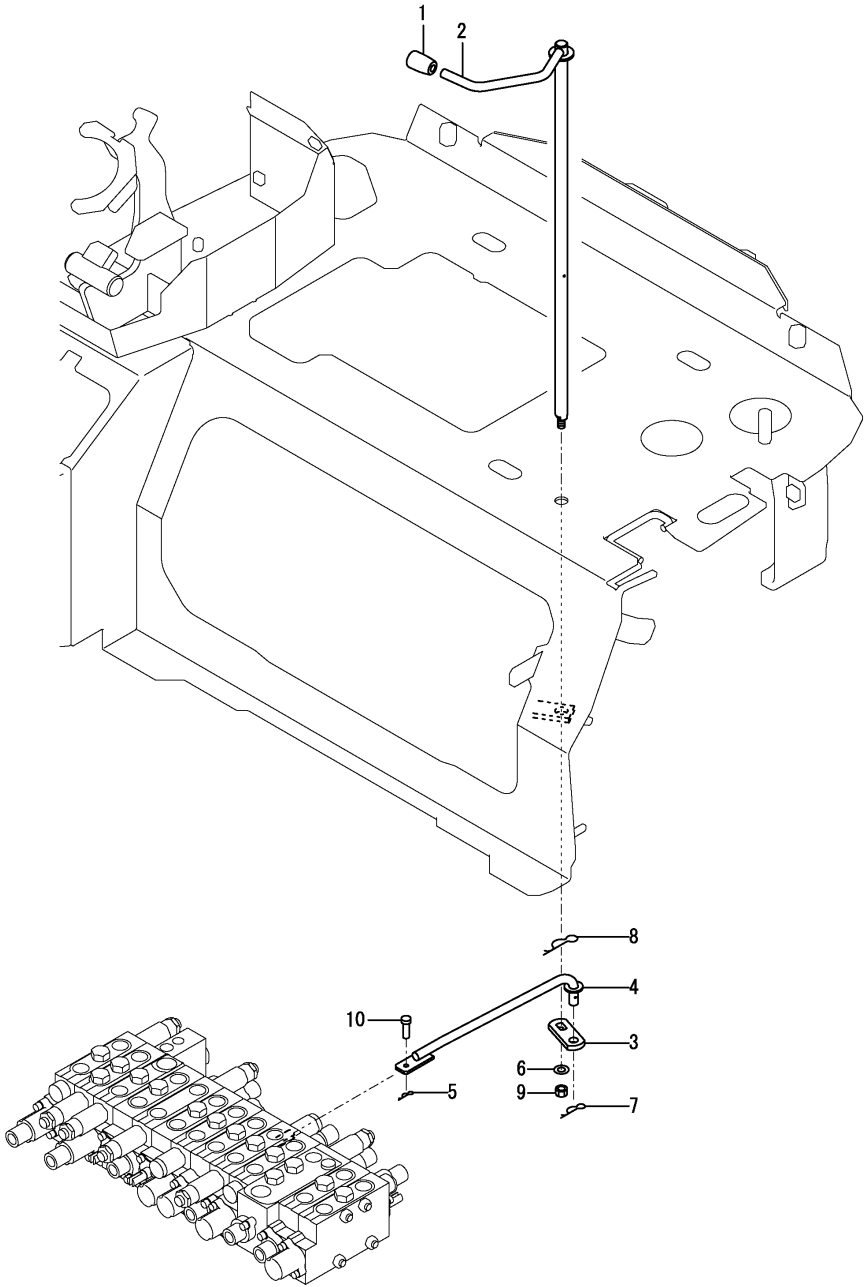
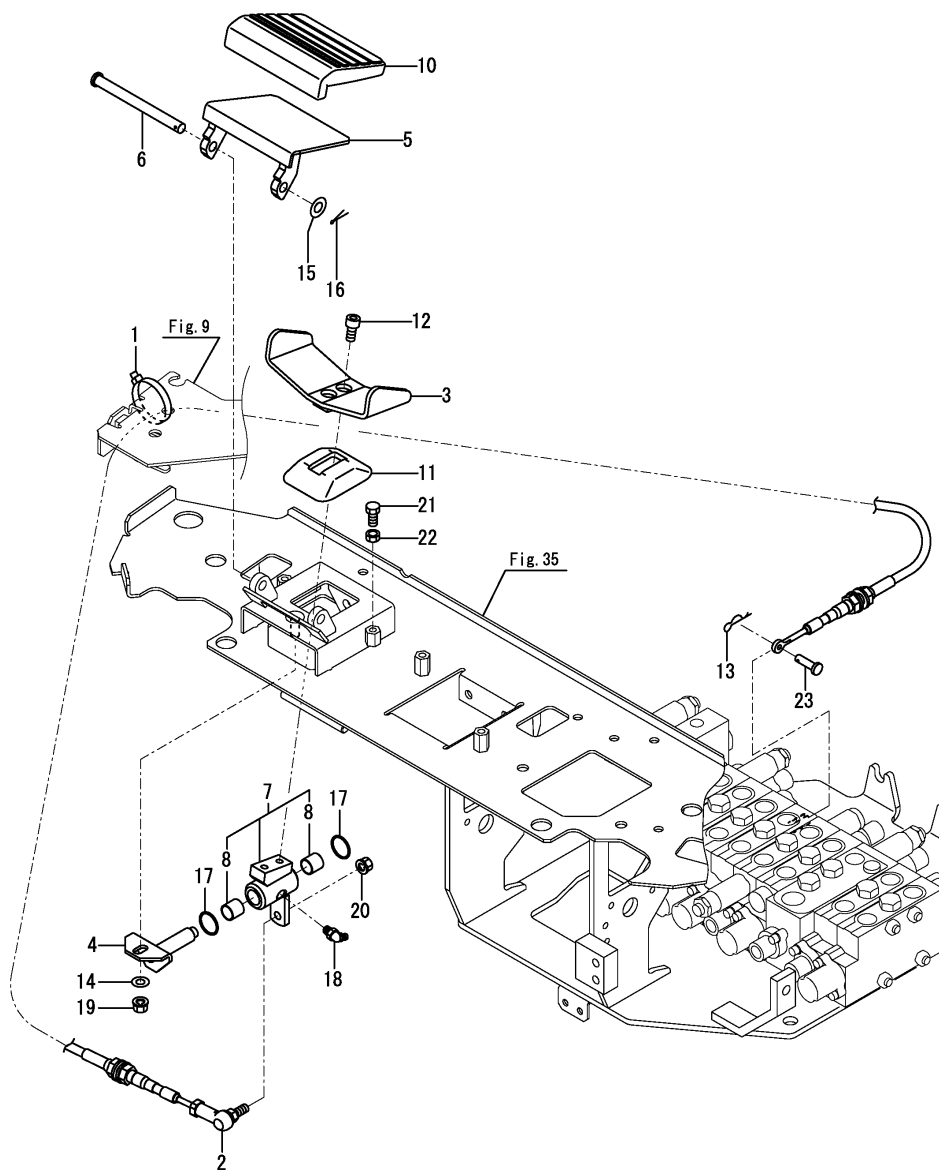
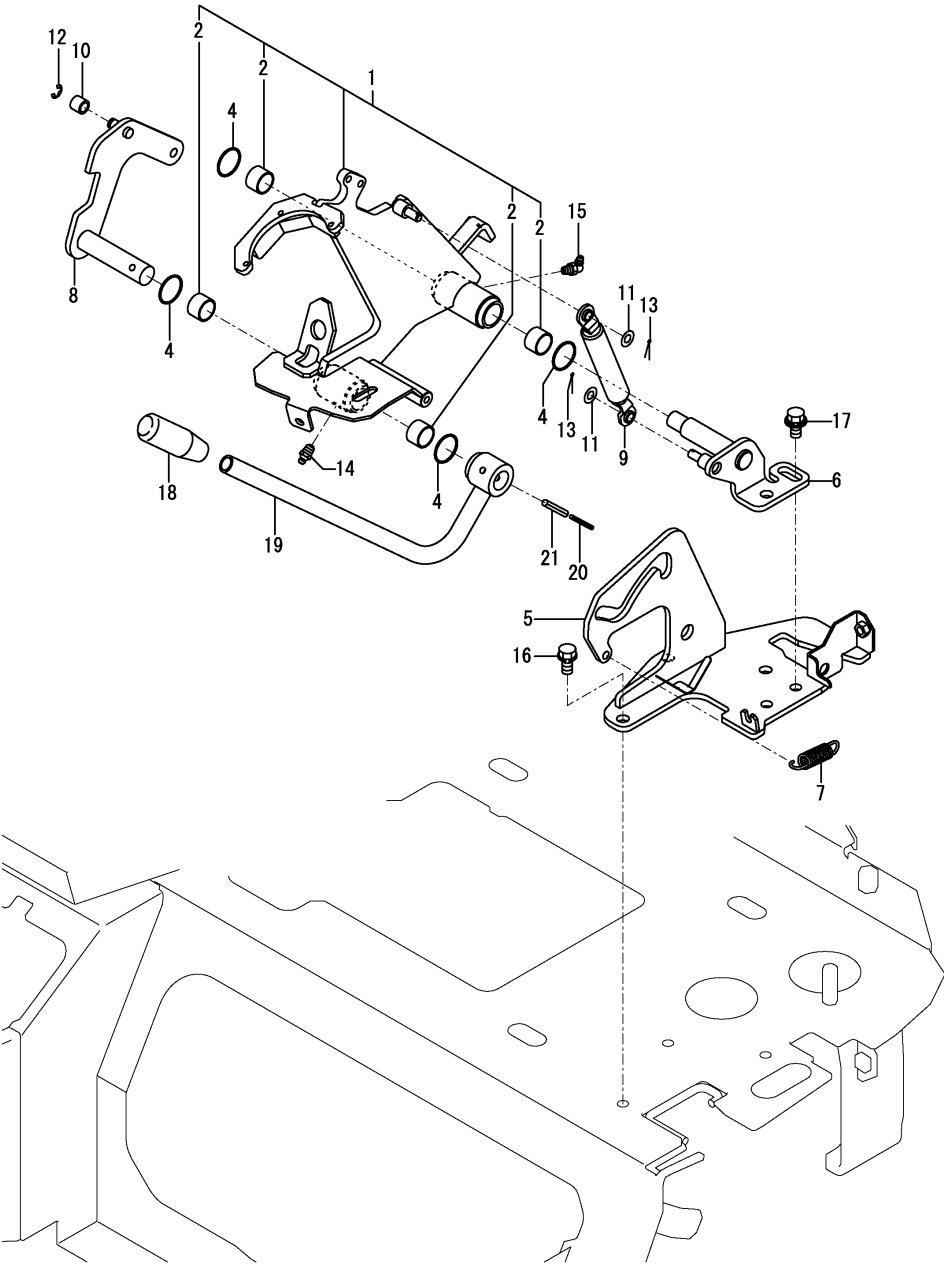


Fig.32. SWING PEDAL



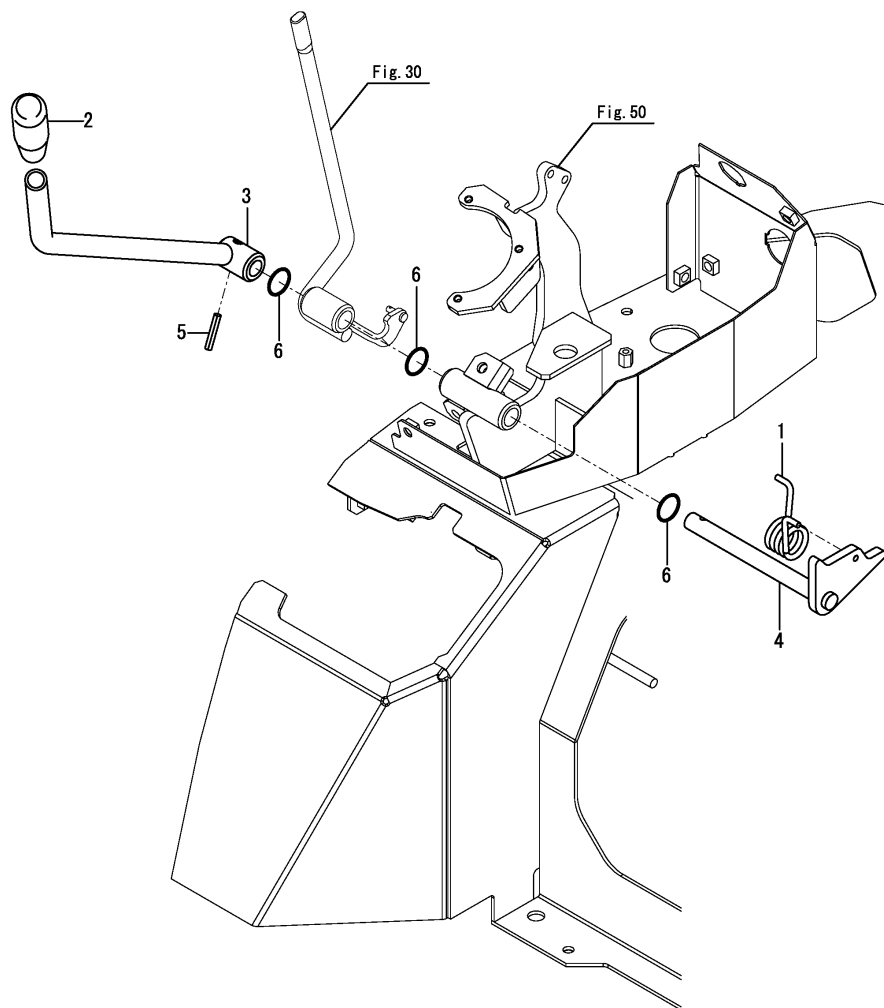
No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)						(D)=
				(A)	(B)	(C)	(D)	(E)	(F)	(E)=
1	1	172614-16520	BAND 100	1						
2	1	172A64-45280	CABLE, SWING	1						
3	1	172458-45521-1	PEDAL, SWING	1						
4	1	172187-45530	SHAFT ASSY	1						
5	1	172458-45540-1	COVER, PEDAL	1						
6	1	172187-45651	SHAFT	1						
7	1	172A64-45650	LINK, ASSY	1						
8	2	172141-41360	BUSH	2						
10	1	172187-45760	PAD	1						
11	1	172157-45990	BOOT, PEDAL	1						
12	1	172165-46340	BOLT	2						
13	1	1C6281-52310	PIN, SNAP 6	1						
14	1	22137-080000	WASHER, 8	1						
15	1	22137-100000	WASHER, 10	1						
16	1	22417-250200	PIN, COTTER 2.5X20	1						
17	1	24311-000210	O-RING, 1AP21.0	2						
18	1	24761-040000	NIPPLE, GREASE B	1						
19	1	26051-080002	NUT, M8	1						
20	1	26051-080002	NUT, M8	1						
21	1	26116-080254	BOLT, M8X 25 PLATED	2						
22	1	26716-080002	NUT, M8	2						
23	1	933110-54100	PIN	1						

0CK50-M00240 CONTROL EQUIPMENT
Fig.33. LOCK LEVER & STAND(LEFT)



0CK50-M00240										Fig.33	
(A)=VIO17-A P(US)										(D)=	
(B)=										(E)=	
(C)=										(F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A78-46101-1	STAND ASSY, LEVER	1							
1-1	1	172A78-46101	STAND ASSY, LEVER	1						S	
(A=MAF001)											
2	2	172141-41370	BUSH	4							
4	1	172124-46200	O-RING	4							
5	1	172A64-46210	BASE ASSY, LEVER	1							
5-1	1	172A64-46210-N	BASE ASSY, LEVER	1						S	
(A=MAF001)											
6	1	172A47-46230	PLATE ASSY, BASE	1							
7	1	172A69-46270	SPRING	1							
8	1	172A47-46310	ROD ASSY, SPRING	1							
9	1	172455-46890	SPRING, GAS	1							
10	1	172165-47550	BUSH	1							
11	1	22137-080000	WASHER, 8	2							
12	1	22272-000070	RING, E- 7	1							
13	1	22417-200200	PIN, COTTER 2.0X20	2							
14	1	24761-020000	NIPPLE, GREASE PT1/8	1							
15	1	24761-050000	NIPPLE, GREASE C	1							
16	1	26013-100202	BOLT, SPRING M10X 20	3							
17	1	26014-100252	BOLT, M10X 25	2							
18	1	172A77-46050	GRIP	1							
19	1	172A47-46344	LEVER ASSY, LOCK	1							
20	1	22351-035040	PIN, SPRING 3.5X40	1							
21	1	22351-060040	PIN, SPRING 6.0X40	1							

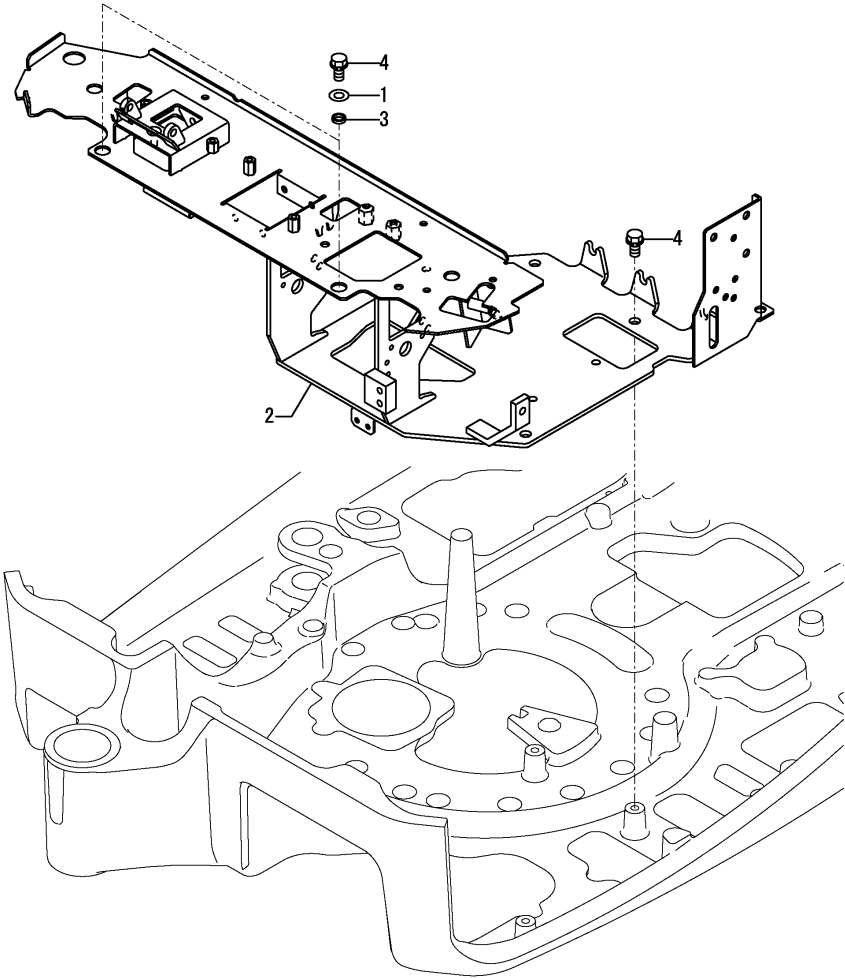
Fig.34. LOCK LEVER & STAND(RIGHT)



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)		
1	1	172165-45970	SPRING			1					
2	1	172A77-46050	GRIP			1					
3	1	172A64-46451	LOCK LEVER ASSY,R			1					
4	1	172A64-46470	SHAFT ASSY, LEVER			1					
5	1	22351-050032	PIN, SPRING 5.0X32			1					
6	1	24311-000210	O-RING, 1AP21.0			3					

(A)=VIO17-A P(US)
(B)=
(C)=

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

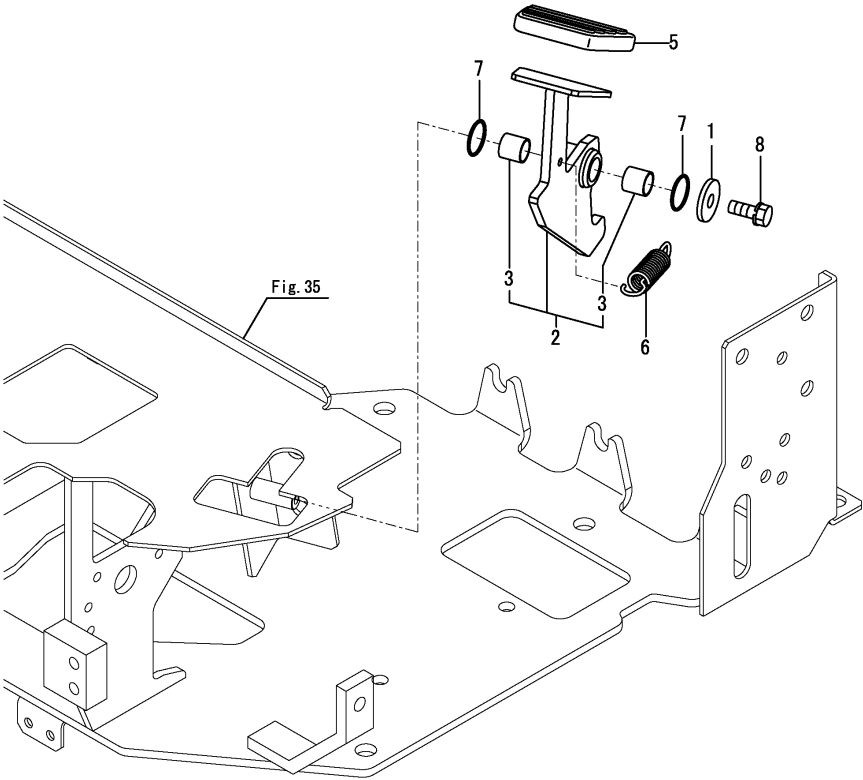


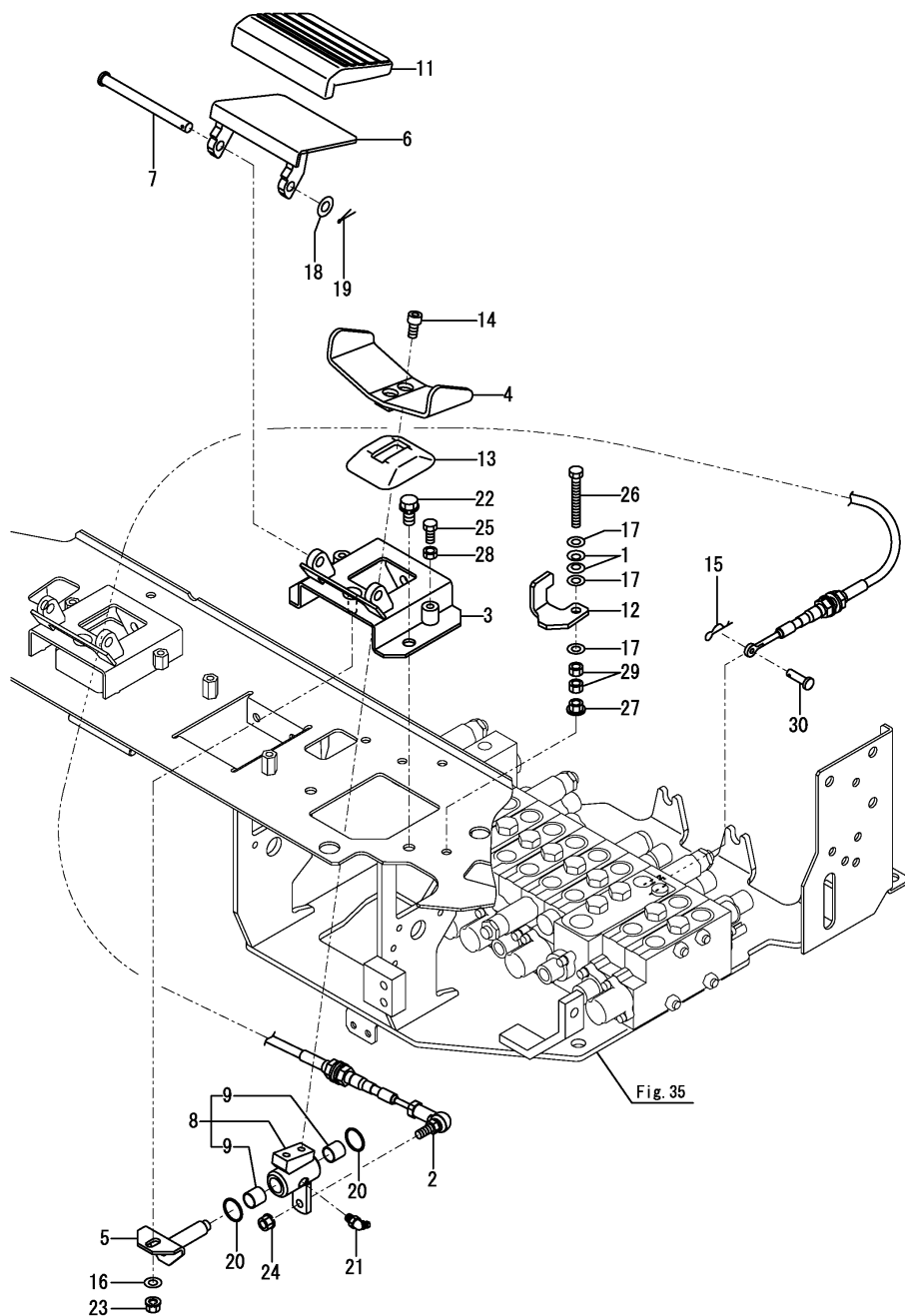
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-05250	WASHER	2							
2	1	172A64-45421	STAND ASSY, VALVE	1							
2-1	1	172A64-45422	VALVE STAND ASSY	1							N
(A=M0D121)											
3	1	172A64-45580	COLLAR	2							
4	1	26013-120252	BOLT, SPRING M12X 25	6							

(A)=VIO17-A P(US)
(B)=
(C)=

(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							
2	1	172A64-45900	PEDAL ASSY (GRAY:49)	1							
3	2	172141-41360	BUSH	2							
5	1	172458-45950	PAD, PEDAL	1							
6	1	172162-46690	SPRING	1							
7	1	24311-000210	O-RING, 1AP21.0	2							
8	1	26013-080162	BOLT, M8X 16	1							





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172068-28490	SPRING	2							
2	1	172A64-45290	CABLE, PTO	1							
3	1	172448-45380-1	BRACKET, PTO	1							
4	1	172458-45521-1	PEDAL, SWING	1							
5	1	172187-45530	SHAFT ASSY	1							
6	1	172458-45540-1	COVER, PEDAL	1							
7	1	172187-45651	SHAFT	1							
8	1	172A64-45650	LINK, ASSY	1							
9	2	172141-41360	BUSH	2							
11	1	172187-45760	PAD	1							
12	1	172448-45800	PLATE, LOCK	1							
13	1	172157-45990	BOOT, PEDAL	1							
14	1	172165-46340	BOLT	2							
15	1	1C6281-52310	PIN, SNAP 6	1							
16	1	22137-080000	WASHER, 8	1							
17	1	22137-080000	WASHER, 8	3							
18	1	22137-100000	WASHER, 10	1							
19	1	22417-250200	PIN, COTTER 2.5X20	1							
20	1	24311-000210	O-RING, 1AP21.0	2							
21	1	24761-040000	NIPPLE, GREASE B	1							
22	1	26013-100202	BOLT, M10X 20	2							
23	1	26051-080002	NUT, M8	1							
24	1	26051-080002	NUT, M8	1							
25	1	26116-080254	BOLT, M8X 25 PLATED	2							
26	1	26116-080604	BOLT, M8X 60 PLATED	1							
27	1	26366-080002	NUT, M8	1							
28	1	26716-080002	NUT, M8	2							
29	1	26757-080002	NUT, LOCK M8	2							
30	1	933110-54100	PIN	1							

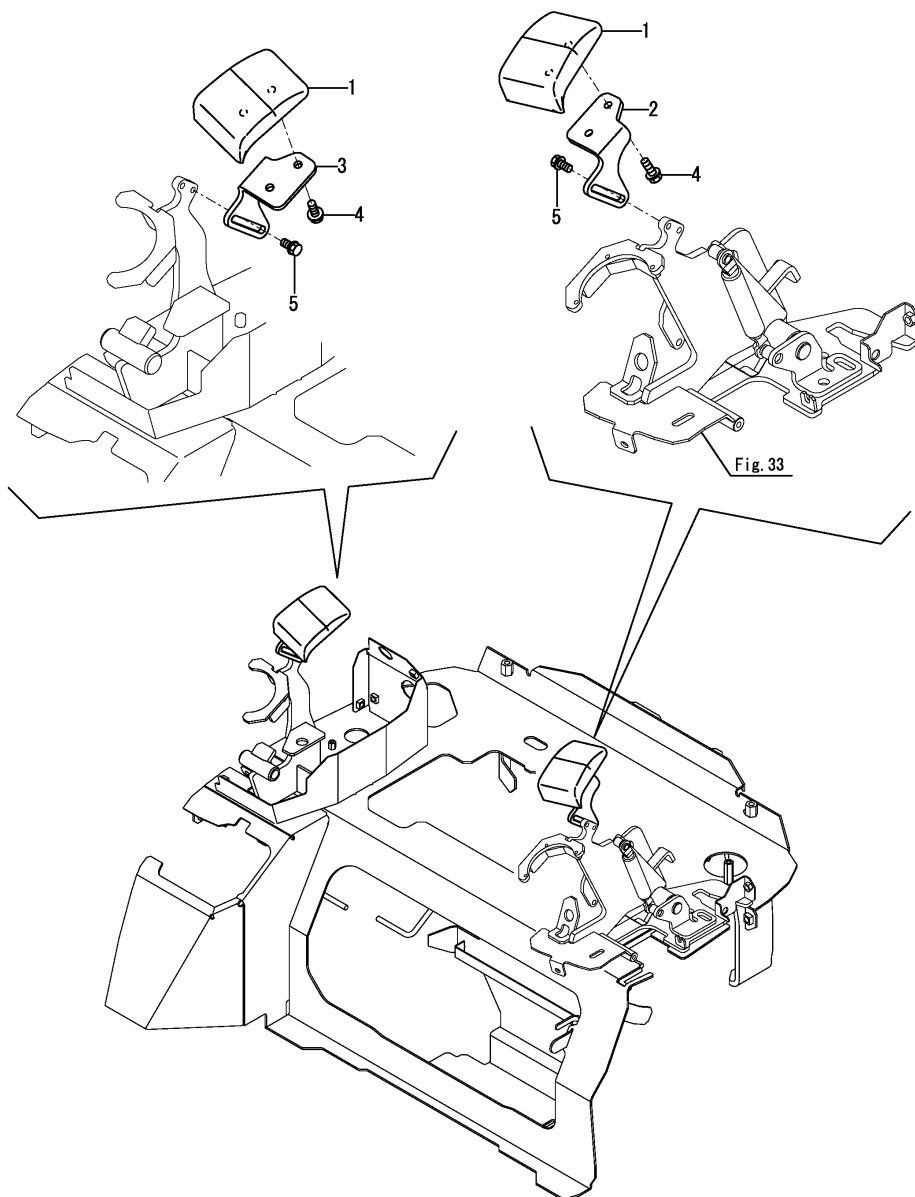


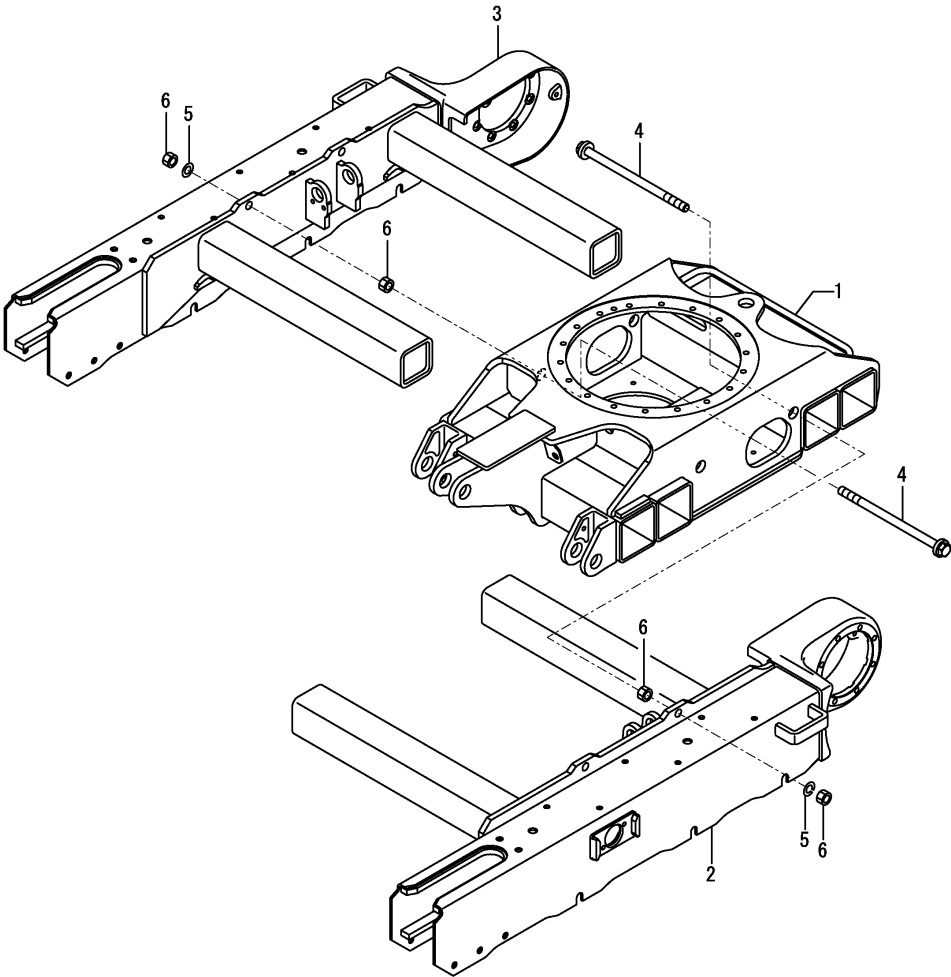
Fig. 33

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

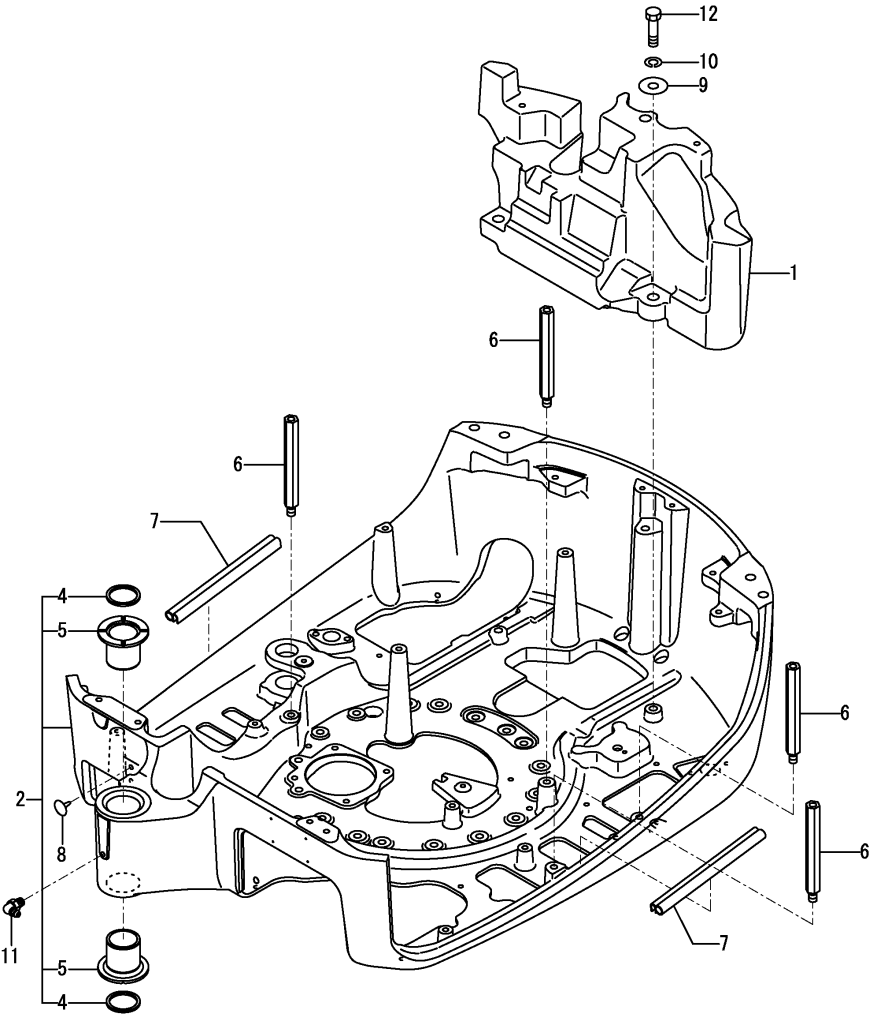
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-50201	FRAME ASSY,L-CENTER	1							
2	1	172A64-50631	FRAME ASSY,CRAWLER L	1							
3	1	172A64-50641	FRAME ASSY,CRAWLER R	1							
4	1	172A64-50701	BOLT ASSY, STOPPER	4							
5	1	22217-160000	WASHER, SPRING 16	4							
6	1	26716-160002	NUT, M16	8							



0CK50-M00240 FRAME
Fig.40. TURNING FRAME



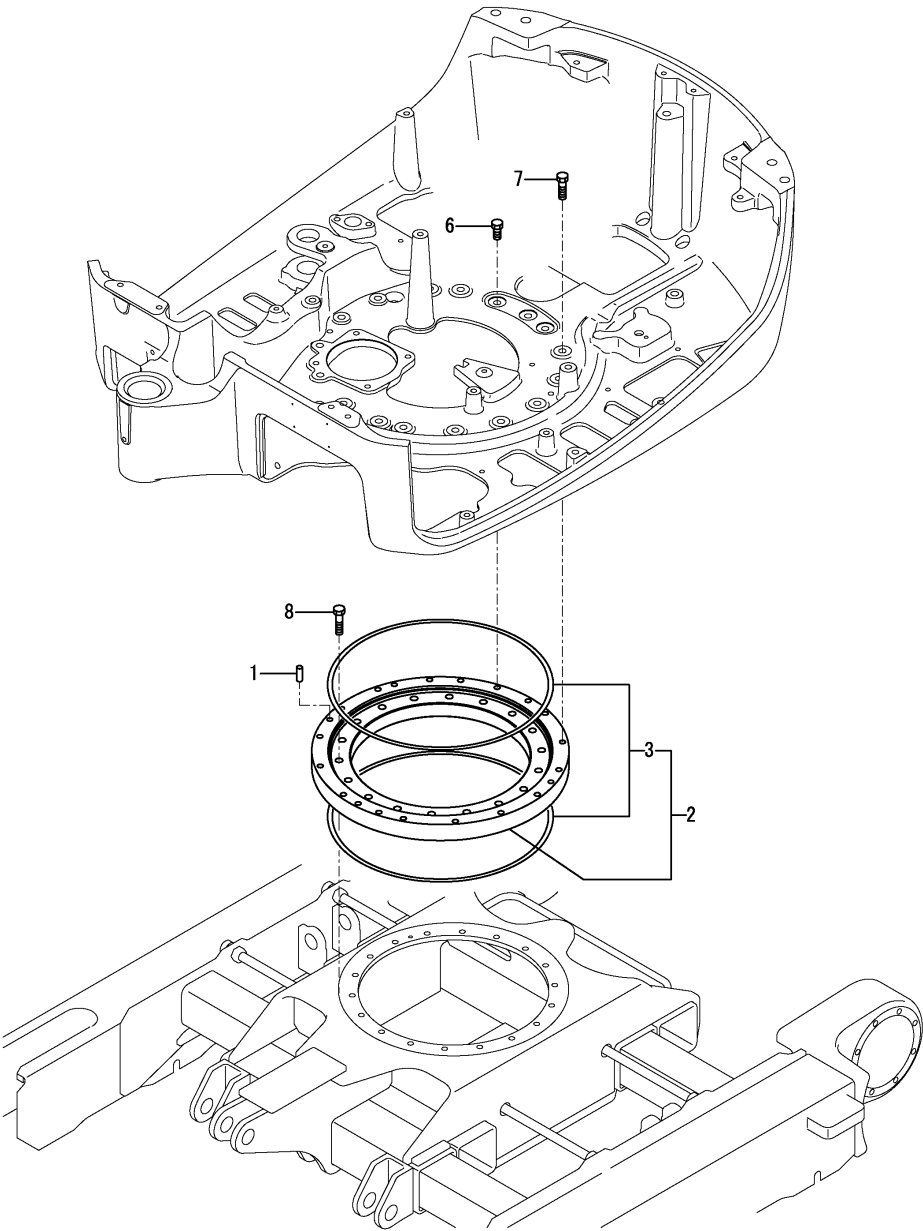
										OCK50-M00240		Fig.40	
										(A)=VIO17-A P(US)		(D)=	
										(B)=		(E)=	
										(C)=		(F)=	
No.	Lev.	Parts No.	Description	Q'ty		I		R					
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172A64-53300	WEIGHT	1									
2	1	172A64-54100	FRAME ASSY, TURNING	1									
4	2	172448-54120	SEAL, DUST	2									
5	2	172171-54750	BUSH 50X65	2									
6	1	172A64-54230	SUPPORT, STAND	4									
7	1	172444-54920	SEAL, WEIGHT	2									
8	1	172176-68210	CLIP, TREE	2									
9	1	22157-140000	WASHER, 14	3									
10	1	22217-160000	WASHER, SPRING 16	3									
11	1	24761-050000	NIPPLE, GREASE C	1									
12	1	26116-160602	BOLT, M16X 60 PLATED	3									

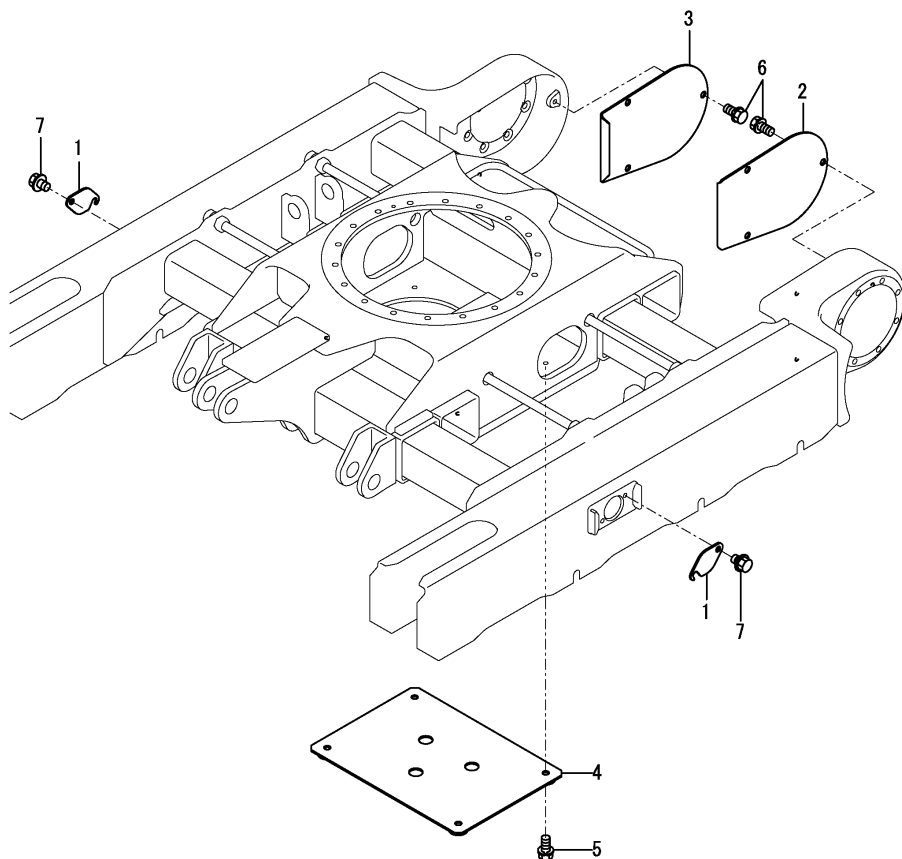
Fig.41. TURNING BEARING

(A)=VIO17-A P(US)
(B)=
(C)=

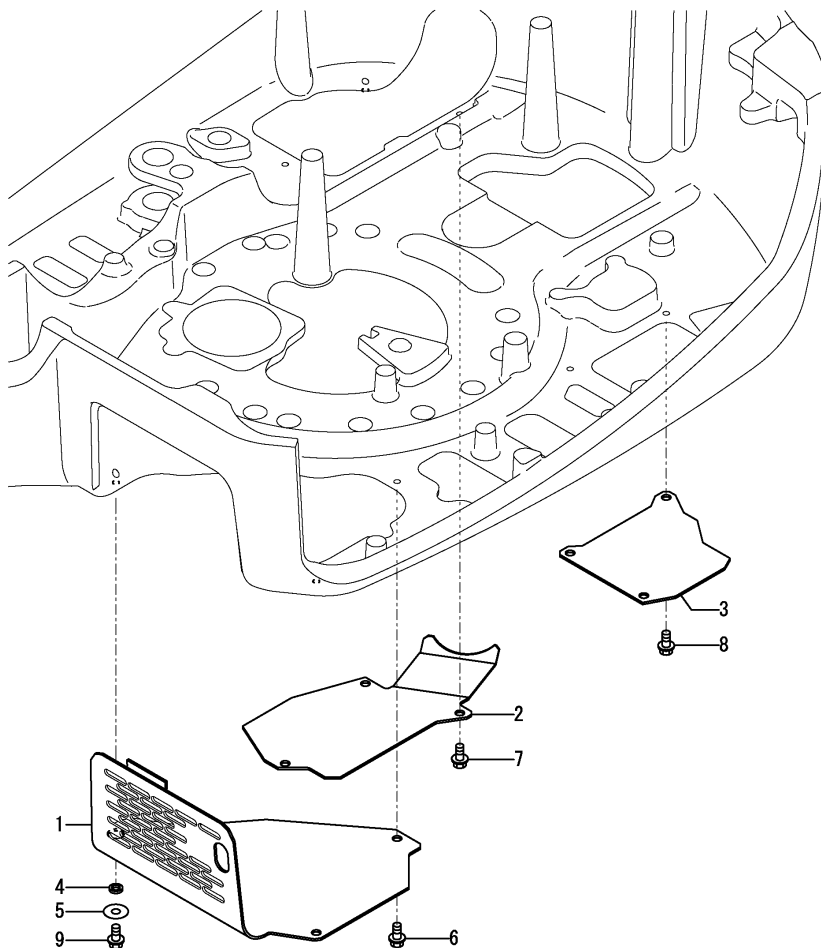
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194940-24350	PIN, 10X28	3							
2	1	172447-57600	BEARING, SWING	1							
3	2	172149-57610	SEAL SET	1							
6	1	26076-120252	BOLT, 10.912X 25	3							
7	1	26076-120402	BOLT, 10.912X 40	14							
8	1	26076-120452	BOLT, 10.912X 45	18							



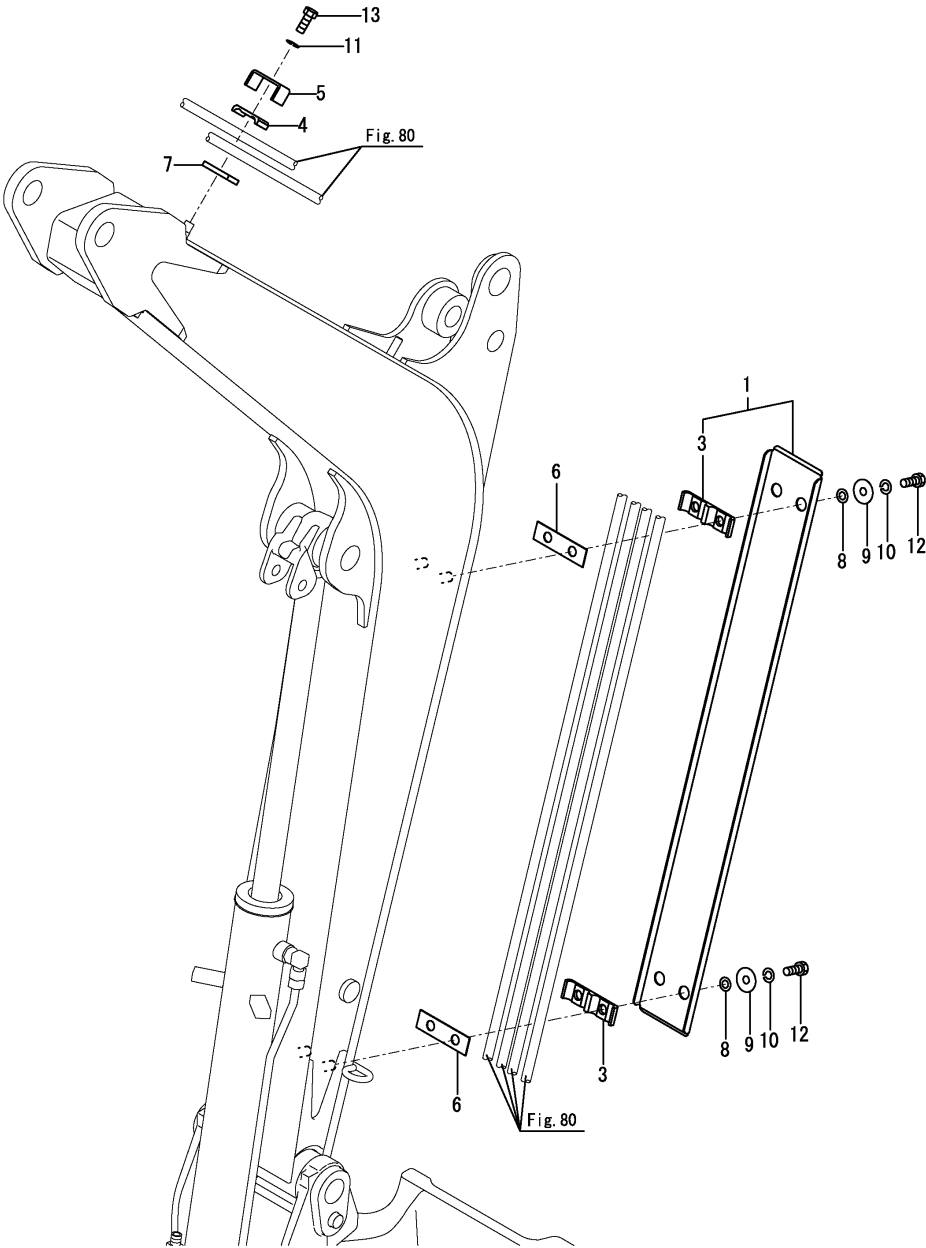


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-50480-2	COVER, FRAME	2							
2	1	172A64-61500	COVER, MOTOR	1							
3	1	172A64-61510	COVER, MOTOR	1							
4	1	172A64-61520	COVER ASSY	1							
5	1	26013-100202	BOLT, M10X 20	4							
6	1	26014-100202	BOLT, M10X 20	6							
7	1	26106-100122	BOLT, M10X 12 PLATED	4							



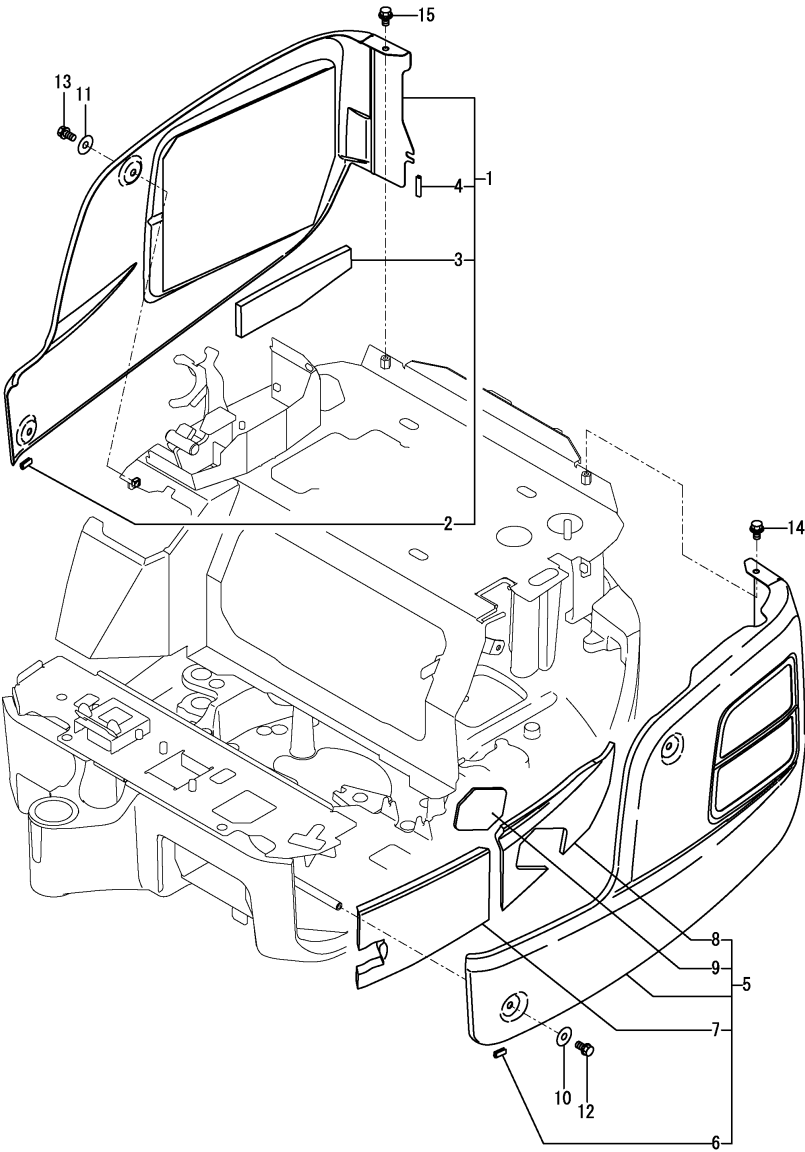
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61310	COVER ASSY	1							
2	1	172A64-61340	COVER	1							
3	1	172A64-61350	COVER, PUMP	1							
4	1	172A64-61360	COLLAR	1							
5	1	22157-100000	WASHER, 10	1							
6	1	26106-100162	BOLT, M10X 16 PLATED	2							
7	1	26106-100162	BOLT, M10X 16 PLATED	3							
8	1	26106-100162	BOLT, M10X 16 PLATED	3							
9	1	26106-100202	BOLT, M10X 20 PLATED	1							

Fig.44. COVER(BOOM HOSE)



0CK50-M00240 Fig.44

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61550-Y	COVER ASSY,HOSE	1							
3	2	172156-78510	SUPPORT, HOSE	2							
4	1	172156-78520	SUPPORT, HOSE	1							
5	1	172446-78750-Y	CLAMP, HOSE	1							
6	1	172446-78760	RUBBER PLATE A	2							
7	1	172446-78770	RUBBER PLATE B	1							
8	1	22117-080000	WASHER, 8	4							
9	1	22157-080000	WASHER, 8	4							
10	1	22217-080000	WASHER, SPRING 8	4							
11	1	22217-080000	WASHER, SPRING 8	1							
12	1	26116-080162	BOLT, M8X 16 PLATED	4							
13	1	26116-080162	BOLT, M8X 16 PLATED	1							



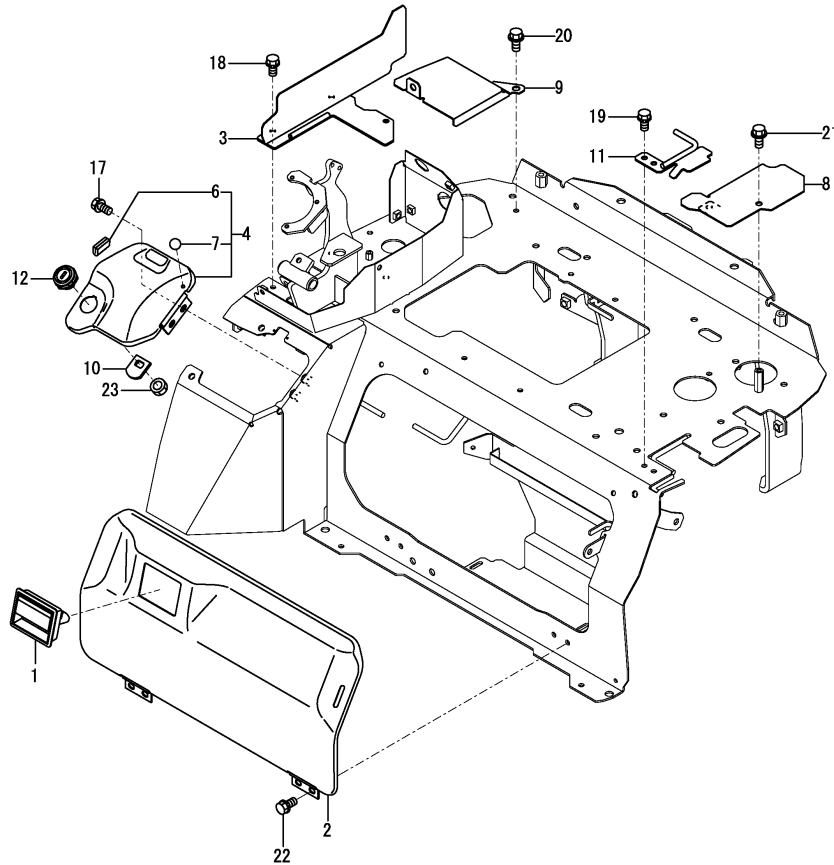
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-61260-Y	COVER R ASSY,OC	1							1
2	2	172478-65220	RUBBER, 20	1						W	
(A=*2014.12)											
3	2	172A64-61470	SPONGE	1							
4	2	172445-62010	TRIM	1							
4A	1	172437-03352	LABEL, CYLINDER	1							3
4B	1	172437-03422	LABEL, MUFFLER	1							3
5	1	172A64-61400-Y	COVER ASSY	1							2
6	2	172478-65220	RUBBER, 20	1						W	
(A=*2014.12)											
7	2	172A64-61450	SPONGE	1							
8	2	172A64-61460	SPONGE	1							
9	2	172A64-61490	SPONGE,C COVER L	1							
9A	1	172437-03352	LABEL, CYLINDER	1							3
10	1	22157-100000	WASHER, 10	2							
11	1	22157-100000	WASHER, 10	2							
12	1	26013-100202	BOLT, M10X 20	2							
13	1	26013-100202	BOLT, M10X 20	2							
14	1	26014-100202	BOLT, M10X 20	2							
15	1	26014-100202	BOLT, M10X 20	2							

Remarks
(1)Attach the No.4A & 4B label to this part.
(2)Attach the No.9A label to this part.
(3)Not illustrated.

Fig.46. COVER(SEAT MOUNT)



(4)Color = BLACK.

Q't

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61421	HANDLE, LOCK	1							3
1-1	1	172B02-69040	HANDLE, LOCK BLACK	1							S 4
(A=MAF001)											
2	1	172A64-61610	COVER ASSY, BATTERY	1							1
2-1	1	172A64-61610-N	COVER ASSY, BATTERY	1							S 1
(A=MAF001)											
2A	1	172437-03361	LABEL, BATTERY	1							2
2B	1	172446-03652	LABEL, VARIABLE US	1							2
2C	1	172472-03141	LABEL, SUPPORT	1							2
3	1	172A64-61630	PLATE ASSY, COVER	1							
3-1	1	172A64-61630-N	PLATE ASSY, COVER	1							S
(A=MAF001)											
4	1	172A64-61660	COVER ASSY, FUEL	1							
4-1	1	172A64-61660-N	COVER ASSY, FUEL	1							S
(A=MAF001)											
6	2	172478-65220	TRIM	1							
7	2	172176-67790	PLUG	1							
8	1	172A64-61700	COVER, RESERVOIR CAP	1							
8-1	1	172A64-61700-N	COVER, RESERVOIR CAP	1							S
(A=MAF001)											
9	1	172A64-61710	COVER, RADIATOR CAP	1							
9-1	1	172A64-61710-N	COVER, RADIATOR CAP	1							S
(A=MAF001)											
10	1	172A64-61820	LOCK PLATE, FO	1							
11	1	172A64-61850	PLATE ASSY, COVER	1							
11-1	1	172A64-61850-N	PLATE ASSY, COVER	1							S
(A=MAF001)											
12	1	172164-66170	KEY ASSY, CYLINDER	1							
17	1	26014-080162	BOLT, M8X 16	2							
18	1	26014-080162	BOLT, M8X 16	4							
19	1	26014-080162	BOLT, M8X 16	2							
20	1	26014-080162	BOLT, M8X 16	2							
21	1	26014-080162	BOLT, M8X 16	2							
22	1	26014-080202	BOLT, M8X 20	4							
23	1	26347-100002	NUT, M10	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

Fig.47. STEP

(A)=VIO17-A P(US)
(B)=
(C)=

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

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

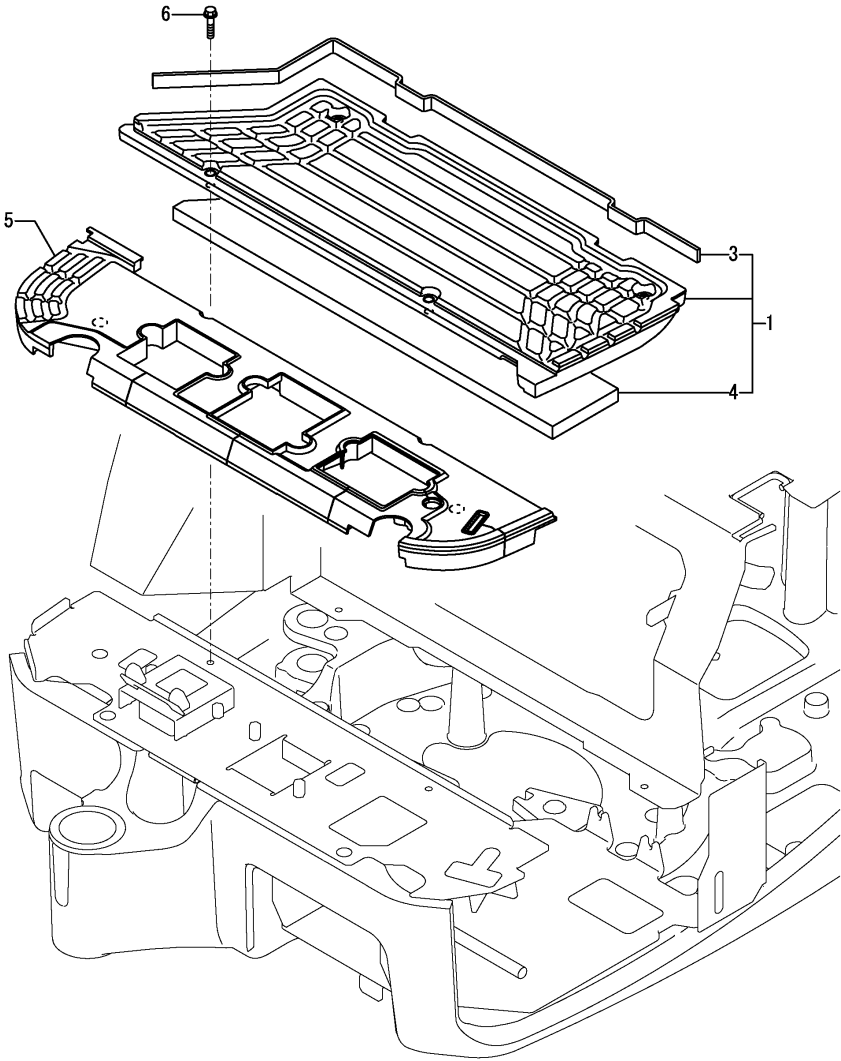
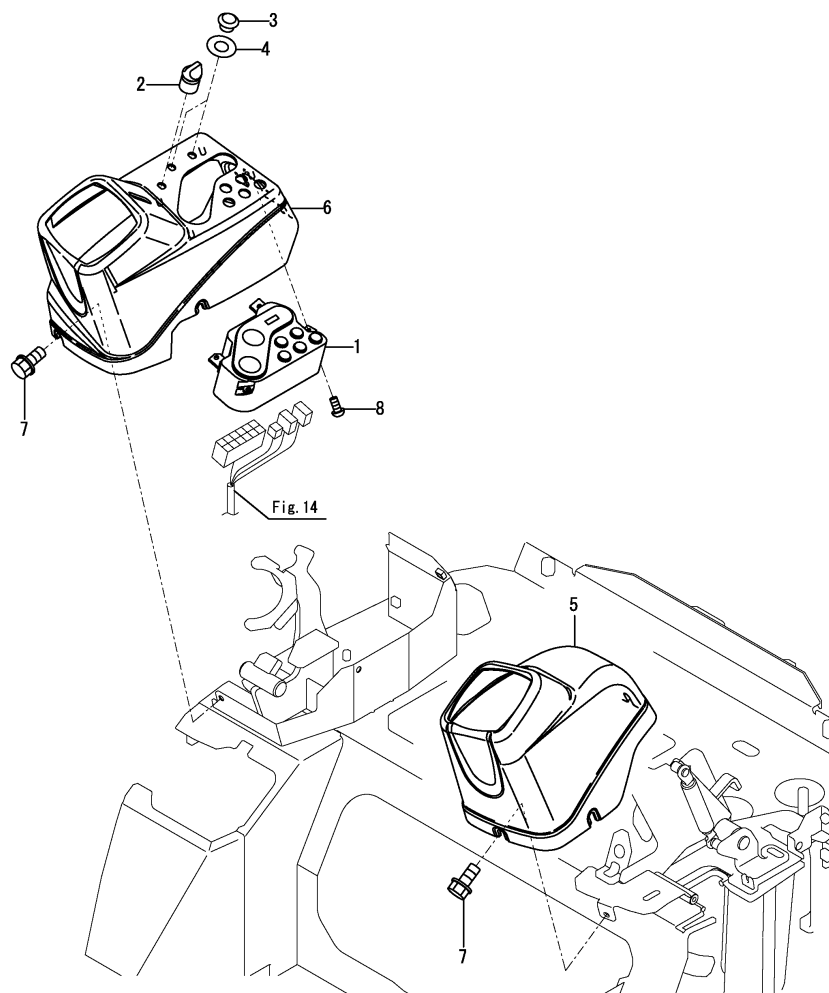


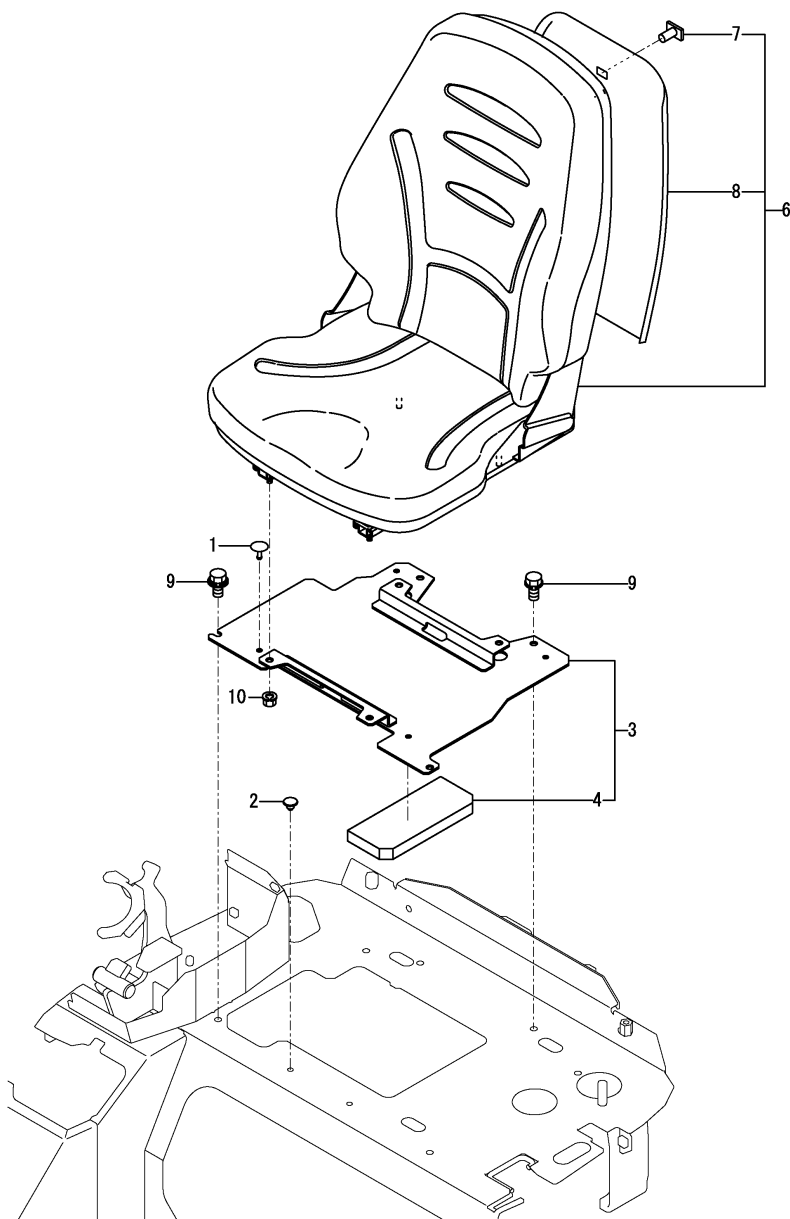
Fig.48. INSTRUMENT PANEL



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

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A77-17250	MONITOR ASSY	1							
2	1	172187-17280	SWITCH ASSY, LIGHT	1							1
2-1	1	172187-17760	SWITCH ASSY, LAMP D	1							S 2
(A=MAF001)											
3	1	172187-17560	CAP		2						
4	1	172187-17570	GASKET		2						
5	1	172A47-63110	PANEL, INSTRUMENT	1							1
5-1	1	172A47-63610	COVER, LEVER L D	1							S 2
(A=MAF001)											
6	1	172A47-63121	PANEL, INSTRUMENT	1							1
6-1	1	172A47-63620	COVER, LEVER R D	1							S 2
(A=MAF001)											
7	1	172519-63240	BOLT	6							
8	1	22857-500121	SCREW 5X12	4							



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-17190	CLIP, TREE	4							
2	1	172444-17660	CLIP, TREE	2							
3	1	172A64-64130	PLATE ASSY,US (73)	1							
3-1	1	172A64-64130-N (A=MAF001)	PLATE ASSY,US	1							S
4	2	172A64-64120	SPONGE	1							
6	1	172A46-64200 (A=MAF183)	SEAT, OPERATOR	1							Z 1
7	2	172A46-64180	LOCK-FUSE,LID	1							
8	2	172A46-64190	COVER, BACK	1							
9	1	26014-100202	BOLT, M10X 20	4							
10	1	26051-080002	NUT, M8	4							

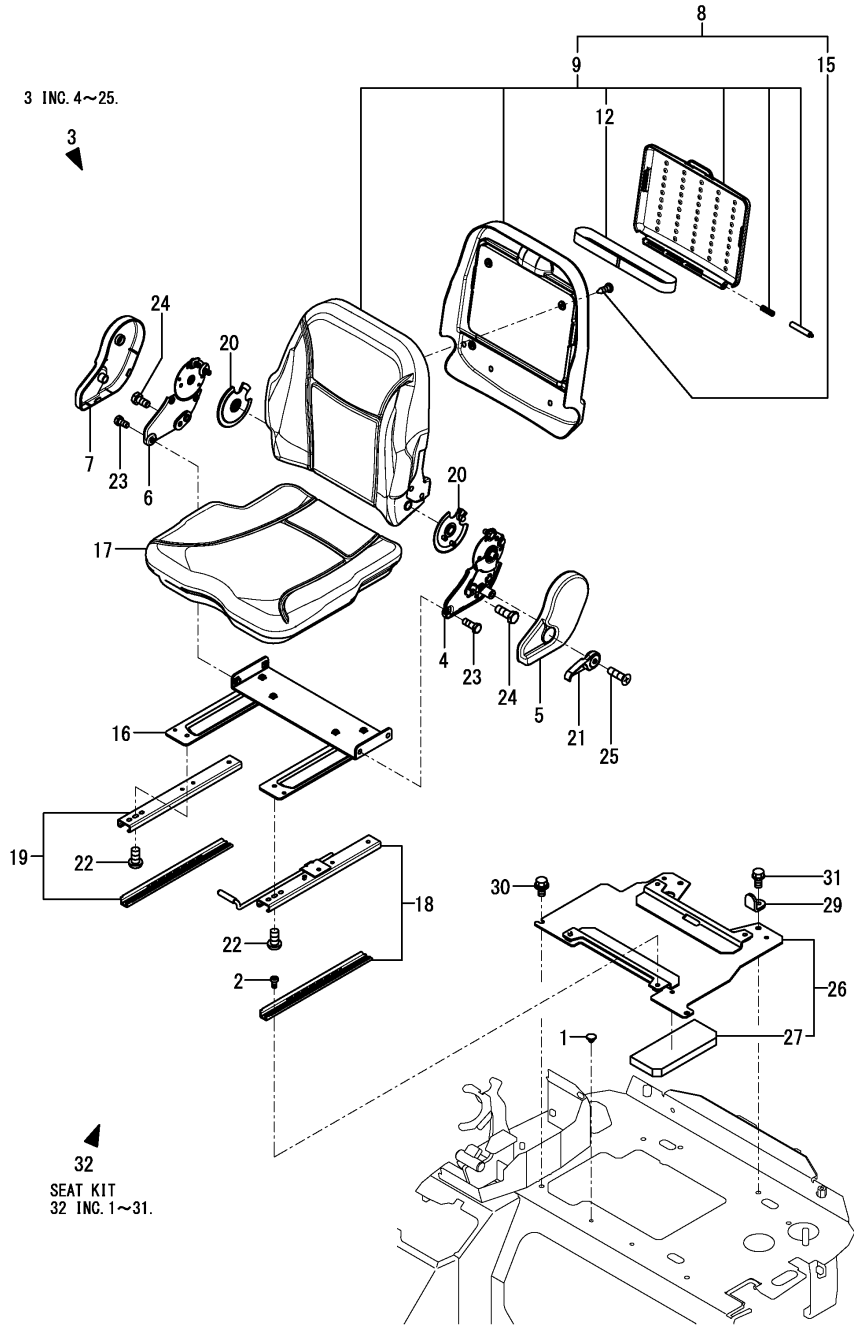
(1) Spare parts is shown in Fig.98(49A) No.32.

N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.98. (49A)SEAT(FROM MAF183)

(A)=VIO17-A P(US)
(B)=
(C)=

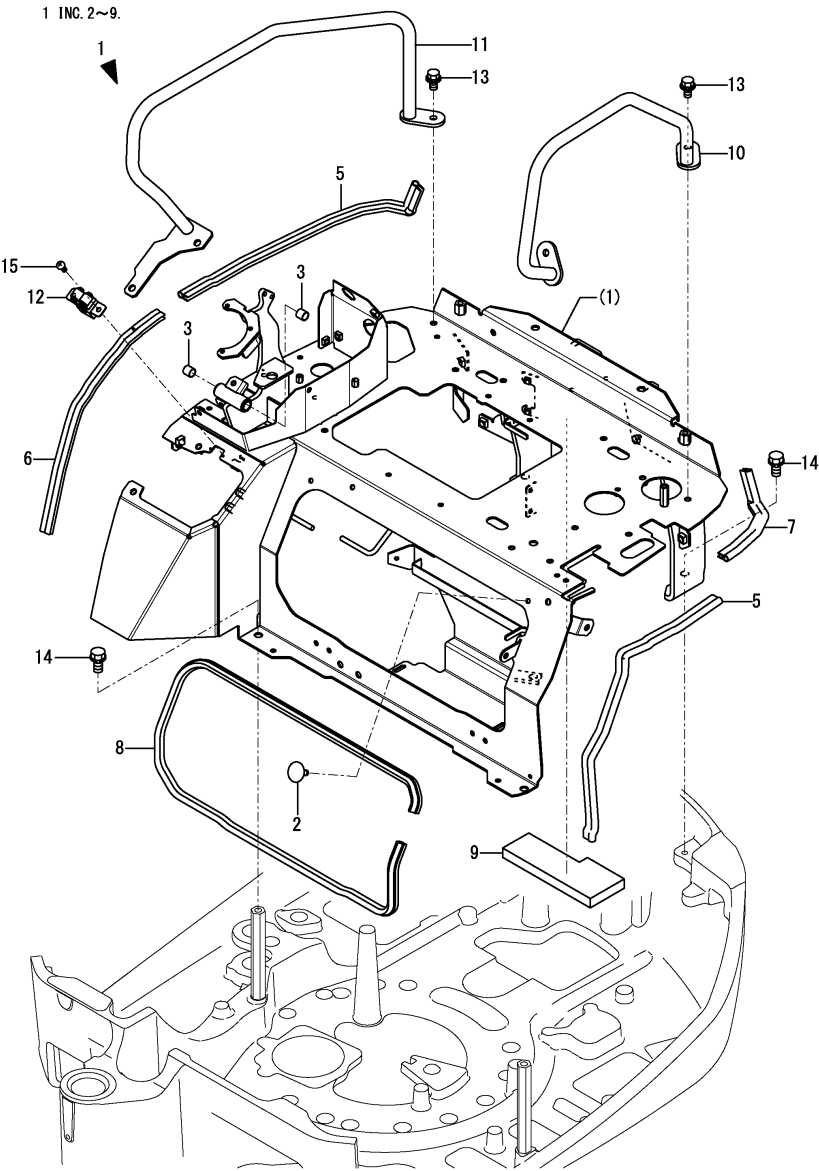
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-17660	CLIP, TREE	2							
2	1	172455-61710	BOLT M 8X 16	4							
3	1	172A64-64070	SEAT ASSY, RECLINING	1							
4	2	172A64-64040	HINGE ASSY	1							
5	2	172A64-64060	COVER	1							
6	2	172A64-64080	HINGE ASSY	1							
7	2	172A64-64090	COVER	1							
8	2	172B02-64210	SEAT ASSY, BACK	1							
9	3	172B02-64270	BOX ASSY,MANUAL	1							
12	4	172A89-64950	BAND	1							
15	3	22859-500200	SCREW, 5.0 X 20	4							
16	2	172B02-64230	BRACKET ASSY, SEAT	1							
17	2	172A89-64780	SEAT, CUSHION	1							
18	2	172A89-64800	RAIL ASSY, TL	1							
19	2	172A89-64810	RAIL ASSY, TR	1							
20	2	172A89-64870	COVER	2							
21	2	172A89-64880	LEVER	1							
22	2	26106-080252	BOLT, M8X 25 PLATED	4							
23	2	26106-100162	BOLT, M10X 16 PLATED	6							
24	2	26106-100252	BOLT, M10X 25 PLATED	2							
25	2	26559-050202	SCREW, M5X20	1							
26	1	172A64-64850-N	PLATE ASSY,KR	1							
27	2	172A64-64120	SPONGE	1							
29	1	172A64-64970	STOPPER,RAIL	1							
30	1	26014-100202	BOLT, M10X 20	3							
31	1	26014-100252	BOLT, M10X 25	1							
32	1	172A64-08640	SEAT KIT,EX WOOSUNG	1							

(A)=VIO17-A P(US)
(B)=
(C)=

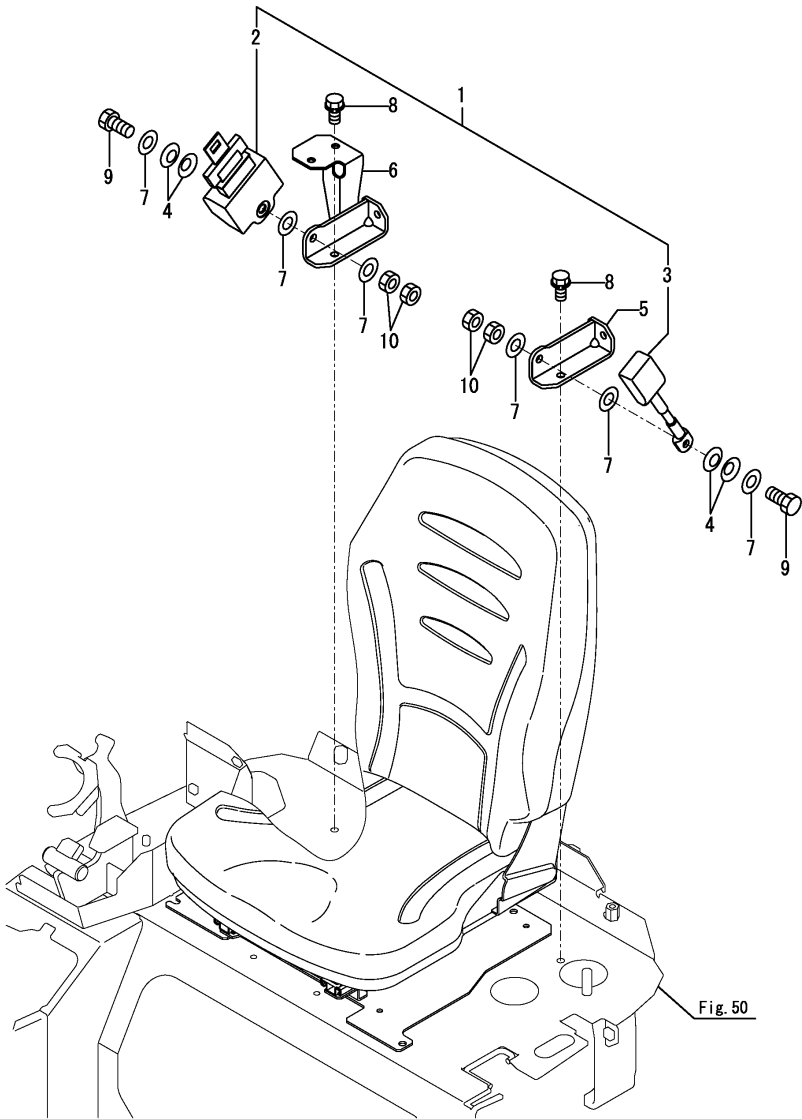
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-64201	MOUNT ASSY,SEAT	1							1
1-1	1	172A64-64202	MOUNT ASSY,SEAT	1						N	1
(A=MOD121)											
1-2	1	172A64-64202-N	MOUNT ASSY,SEAT	1						S	1
(A=MAF001)											
2	2	172122-17190	CLIP, TREE	2							
3	2	172141-41360	BUSH	2							
5	2	172A64-64910	SEAL, 600	2							
6	2	172A64-64920	SEAL, 480	1							
7	2	172A64-64930	SEAL, 240	1							
8	2	172A64-64950	SEAL, 1500	1							
9	2	172A64-64960	SPONGE	1							
9A	1	172A38-03211	LABEL, ANTI-FREEZING	1							2
10	1	172A64-64710	PIPE, HAND HOLD	1							
10-1	1	172A64-64710-N	PIPE, HAND HOLD	1						S	
(A=MAF001)											
11	1	172A64-64730	PIPE, HAND HOLD	1							
11-1	1	172A64-64730-N	PIPE, HAND HOLD	1						S	
(A=MAF001)											
12	1	172448-65680	CATCH, ROLLER	1							
13	1	26013-100202	BOLT, SPRING M10X 20	5							
14	1	26013-120302	BOLT, SPRING M12X 30	4							
15	1	26557-040082	SCREW, M4X 8	2							

Remarks
(1)Attach the No.9A label to this part.
(2)Not illustrated.

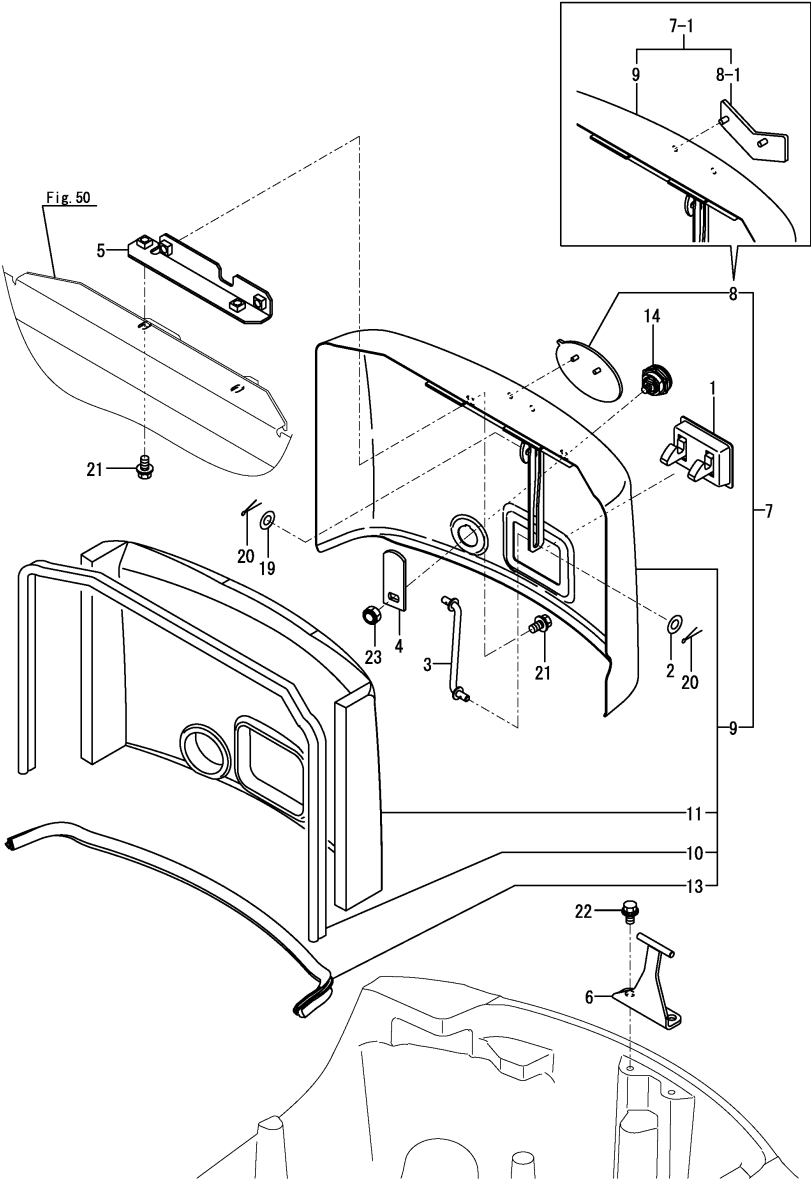
Fig.51. SEAT BELT



(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A8160-63400	BELT ASSY, SEAT	1							
2	2	1A8160-63410	BELT ASSY, SEAT L	1							
3	2	1A8160-63420	BELT ASSY, SEAT R	1							
4	1	172A77-64270	SPRING	4							
5	1	172A64-64800	BRACKET,SEAT BELT(73	1							
5-1	1	172A64-64800-N	BRACKET,SEAT BELT	1							S
(A=MAF001)											
6	1	172A64-64820	BRACKET ASSY,BELT(73	1							
6-1	1	172A64-64820-N	BRACKET ASSY,BELT	1							S
(A=MAF001)											
7	1	22137-100000	WASHER, 10	6							
8	1	26014-100252	BOLT, M10X 25	4							
9	1	26116-100352	BOLT, M10X 35 PLATED	2							
10	1	26716-100002	NUT, M10	4							

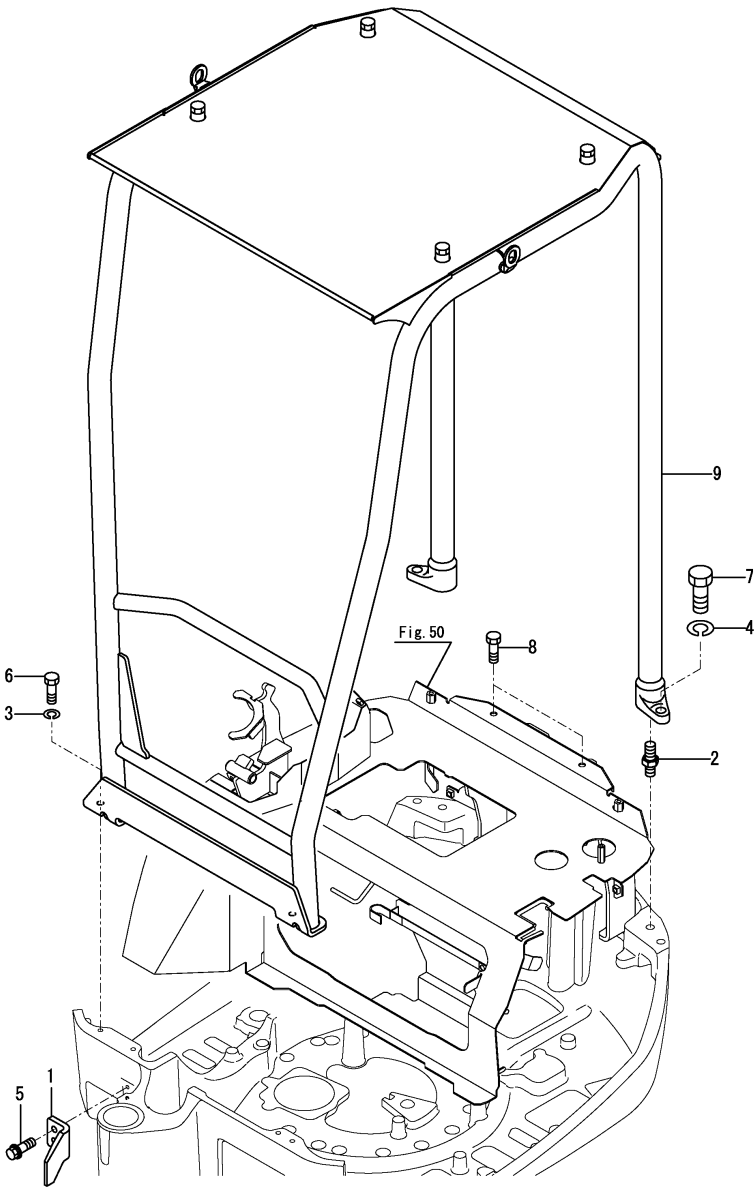


Remarks
(1)Attach the No.13A, 13B, 13C & 13D label to this part.
(2)Not illustrated.
(3)Color = DARK OLIVE GRAY.
(4)Color = BLACK.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61421	HANDLE, LOCK	1							3
1-1	1	172B02-69040	HANDLE, LOCK BLACK	1						S	4
(A=MAF001)											
2	1	1A1380-62160	WASHER, BELT COVER	1							
3	1	172444-64730	ROD ASSY, STOPPER	1							
4	1	172A64-65180	PLATE, LOCK	1							
5	1	172A64-65200	MOUNT ASSY, BONNET	1							
5-1	1	172A64-65200-N	MOUNT ASSY, BONNET	1						S	
(A=MAF001)											
6	1	172A64-65250	ROCK ASSY	1							
7	1	172A64-65580	BONNET KIT, ENBLEM Y	1							
7-1	1	172A64-65581	BONNET KIT, ENBLEM YD	1						S	
(A=MAF001)											
8	2	172A64-03050	EMBLEM ASSY	1							
8-1	2	172A64-03400	EMBLEM ASSY, FY L2 Y	1						S	
(A=MAF001)											
9	2	172A64-65600	BONNET ASSY	1							1
10	3	172A64-65160	SEAL, 1170	1							
11	3	172A64-65170	SPONGE	1							
13	3	172649-65770	RUBBER, SEAL	1							
13A	1	172A64-03380	LABEL, SWING AREA US	1							2
13B	1	172437-03391	LABEL, RADIATOR	1							2
13C	1	172437-03402	LABEL, ENGINE COVER	1							2
13D	1	172A36-03411	LABEL, ENGINE ROOM	1							2
14	1	172164-66170	KEY ASSY, CYLINDER	1							
19	1	22137-080000	WASHER, 8	1							
20	1	22417-200200	PIN, COTTER 2.0X20	2							
21	1	26014-100202	BOLT, M10X 20	4							
22	1	26014-100202	BOLT, M10X 20	2							
23	1	26347-100002	NUT, M10	1							

(A)=VIO17-A P(US)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-54150	STOPPER, BRACKET	1							
2	1	172A64-68250	JOINT, 21-M20X28	2							
3	1	22217-120000	WASHER, SPRING 12	2							
4	1	22217-200000	WASHER, SPRING 20	2							
5	1	26014-100302	BOLT, M10X 30	2							
6	1	26076-120352	BOLT, 10.912X 35	2							
7	1	26076-200502	BOLT, 10.920X 50	2							
8	1	26116-120252	BOLT, M12X 25 PLATED	2							
9	1	172A64-66280	CANOPY ASSY, ROPS	1							1
9-1	1	172A64-66290	CANOPY ASSY	1						N	1
(A=MA0775)											
9-2	1	172A64-66290-N	CANOPY ASSY,ROPS	1						S	1
(A=MAF001)											
15A	1	172437-03312	LABEL, SLOPE	1							2
15B	1	172437-03343	LABEL, TRANSPORT	1							2
15C	1	172437-03372	LABEL, NEUTRAL	1							2
15D	1	172437-03432	LABEL, STEERING	1							2
15E	1	172437-03441	LABEL, ROPS	1							2
15F	1	172437-03451	LABEL, SEAT BELT	1							2
15G	1	172437-03471	LABEL, LEVER LOCK	1							2
15H	1	172A64-03560	LABEL,LIFT US	1							2
15I	1	172437-03601	LABEL, 2-WAY US	1							2
15J	1	172437-03302	LABEL, MANUAL	1							2

Remarks
(1)Attach the No.15A, 15B, 15C, 15D, 15E, 15F, 15G, 15H, 15I & 15J label to this part.
(2)Not illustrated.

Fig.54. HYDRAULIC PUMP MOUNT & JOINT

(A)=VIO17-A P(US)
(B)=
(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							
2	1	172A64-71300	MOUNT ASSY,PUMP NF	1							
3	1	1E8775-84120	CLAMP, BAND	2							
4	1	22312-080200	PIN, PARALLEL M8X20	2							
5	1	26013-100252	BOLT, M10X 25	8							
6	1	172448-71200	COUPLING	1							
7	1	26450-100352	BOLT, M10X 35	3							

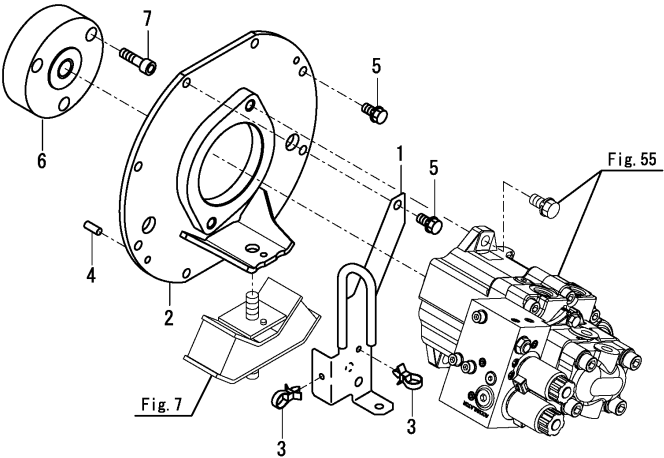
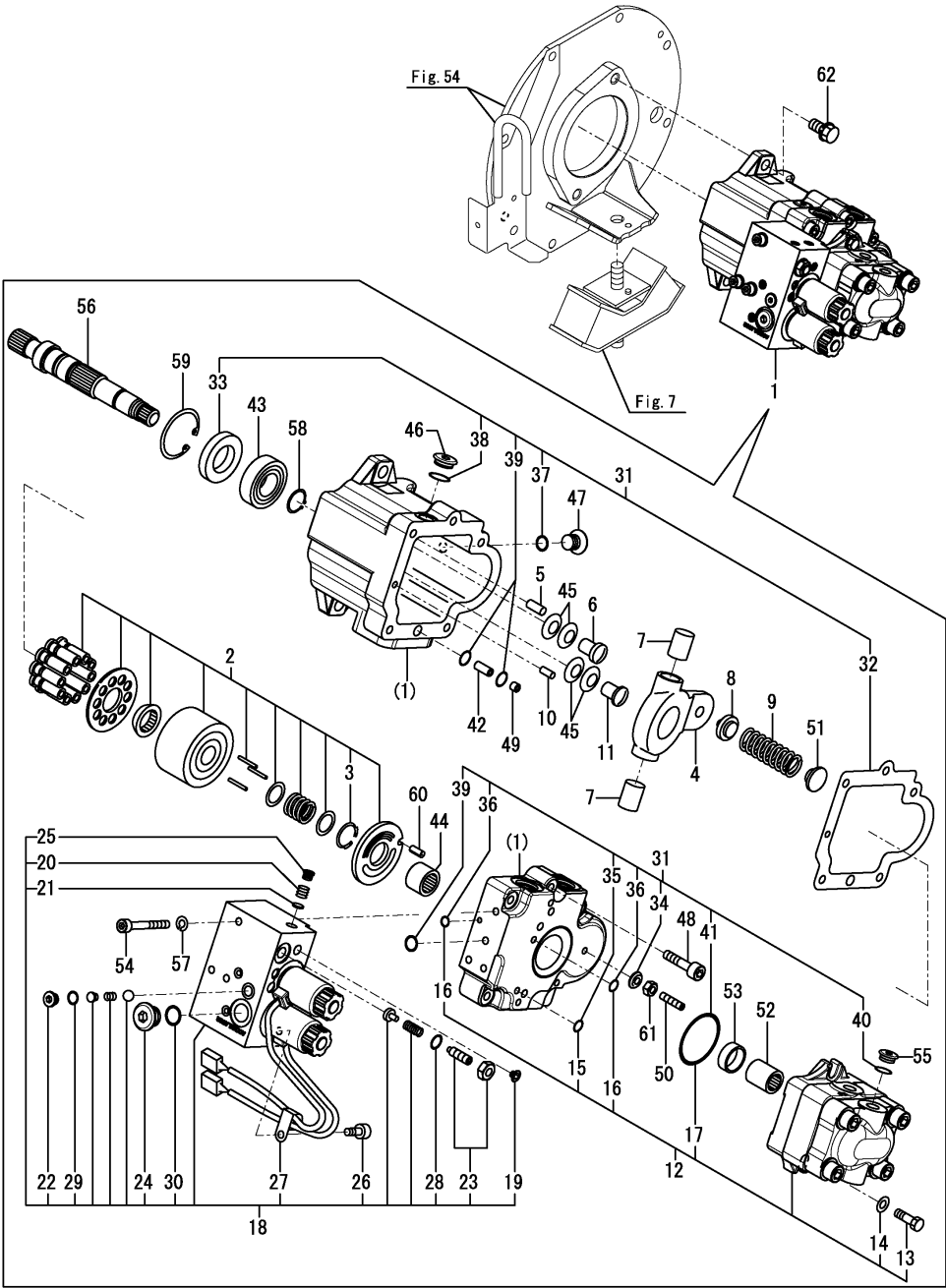
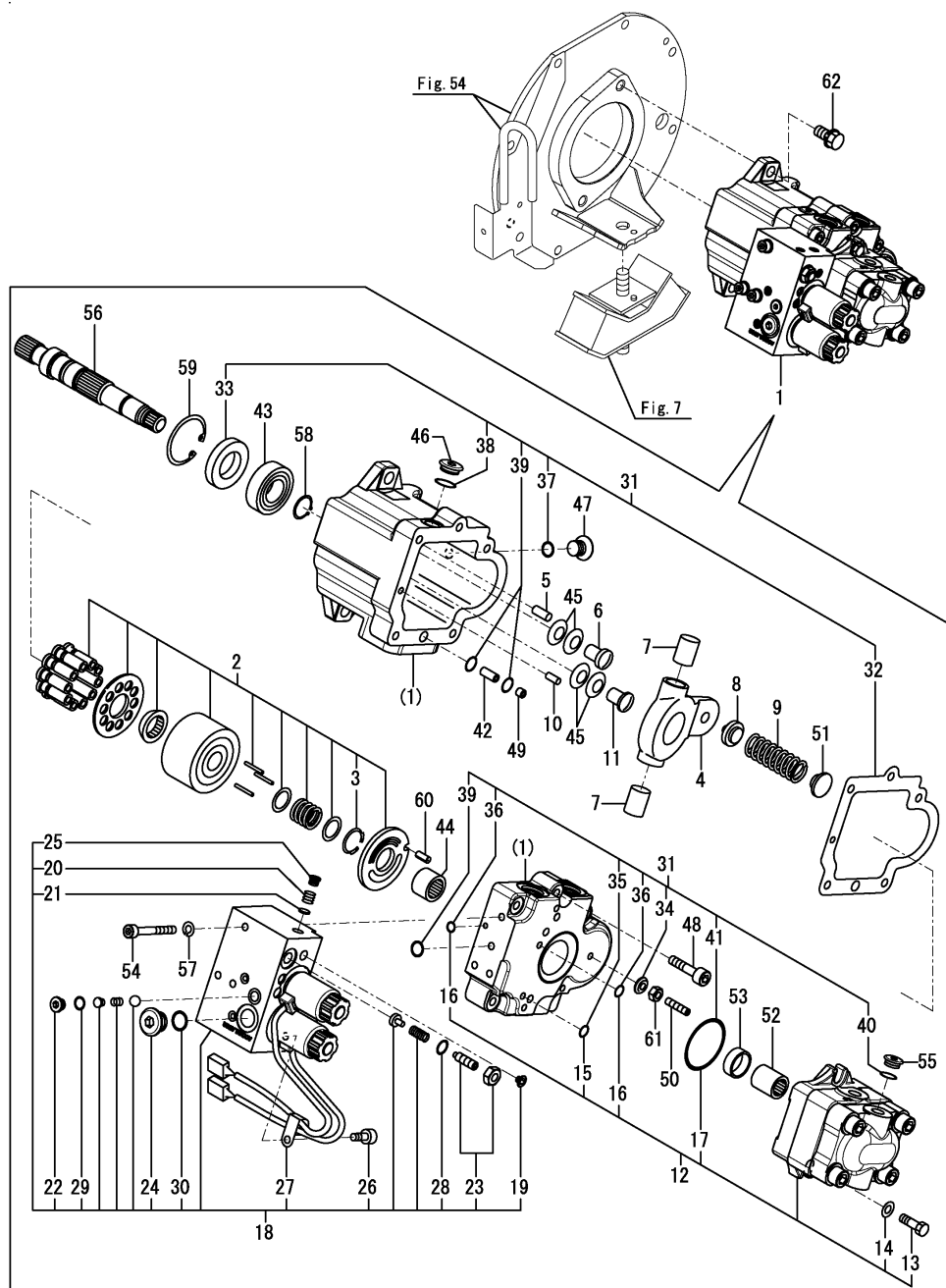


Fig.55. HYDRAULIC PUMP



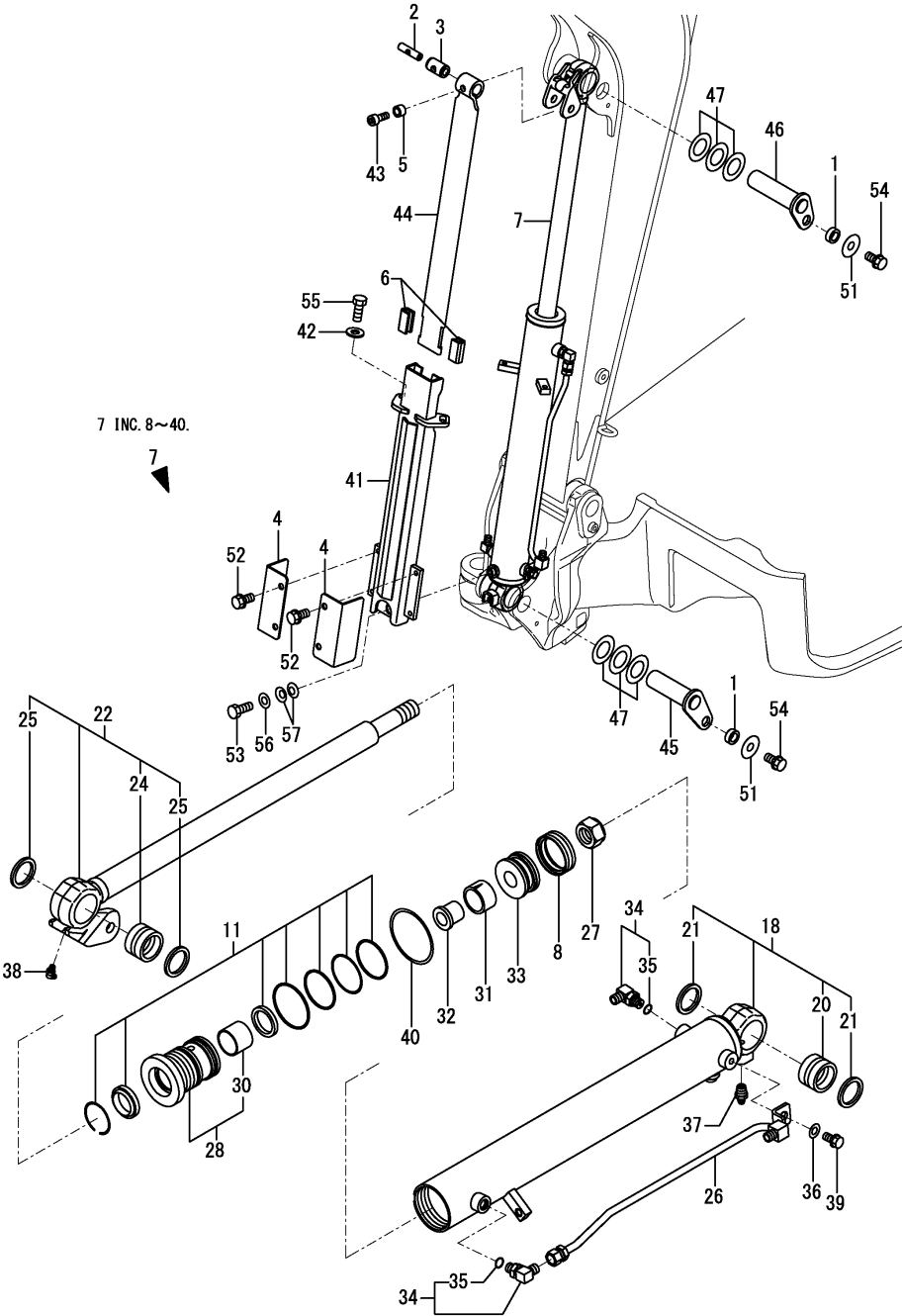
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73200	PUMP ASSY,PVD	1							
2	2	172A23-73110	BARREL KIT	1							
3	3	172448-73190	SNAP RING	1							
4	2	172422-73140	PLATE, SWASH	1							
5	2	172B16-73140	ROD, G	2							
6	2	172B16-73150	PIN, STOPPER A	1							
7	2	172422-73160	PIN	2							
8	2	172422-73200	HOLDER	1							
9	2	172A64-73210	SPRING,T1 PVD	1							
10	2	172422-73220	PIN	1							
11	2	172A64-73220	PIN,STOPPER B PVD	1							
12	2	172A64-73230	PUMP KIT,GEAR PVD	1							
13	3	172450-73120	BOLT	2							
14	3	172450-73130	WASHER	2							
15	3	24315-000070	O-RING, 1BP7.0	1							
16	3	24315-000080	O-RING, 1BP8.0	2							
17	3	24325-000550	O-RING, 1BG55.0	1							
18	2	172A64-73240	VALVE KIT,SOL PVD	1							
18-1	2	172A64-73241	VALVE KIT,SOL PVD	1							N
(A=MA0502)											
19	3	172422-73550	PLUG	7							
20	3	172422-73620	SPRING	1							
21	3	172422-73630	FILTER	1							
22	3	172458-73630	PLUG	1							
23	3	172422-73640	ADJUSTER KIT	1							
24	3	172458-73640	PLUG	1							
25	3	172422-73650	PLUG	2							
26	3	172422-73660	BOLT	1							
27	3	172422-73670	CLAMP	1							
28	3	24311-000100	O-RING, 1AP10.0	1							
29	3	24315-000080	O-RING, 1BP8.0	1							
30	3	24315-000140	O-RING, 1BP14.0	1							
31	2	172A64-73260	SEAL KIT,PVD	1							
32	3	172422-73170	GASKET	1							
33	3	172422-73510	SEAL, OIL	1							
34	3	172422-73570	WASHER	1							
35	3	24315-000070	O-RING, 1BP7.0	1							
36	3	24315-000080	O-RING, 1BP8.0	2							
37	3	24315-000110	O-RING, 1BP11.0	1							
38	3	24315-000110	O-RING, 1BP11.0	1							
39	3	24315-000120	O-RING, 1BP12.0	3							
40	3	24315-000140	O-RING, 1BP14.0	1							
41	3	24325-000550	O-RING, 1BG55.0	1							
42	2	172422-73280	PIN	1							
43	2	172422-73290	BEARING, BALL	1							
44	2	172422-73500	BEARING, NEEDLE	1							
45	2	172422-73520	SPRING	4							
46	2	172422-73530	PLUG	1							
47	2	172422-73530	PLUG	1							
48	2	172422-73540	BOLT	5							
49	2	172422-73550	PLUG	5							

Fig.55. HYDRAULIC PUMP



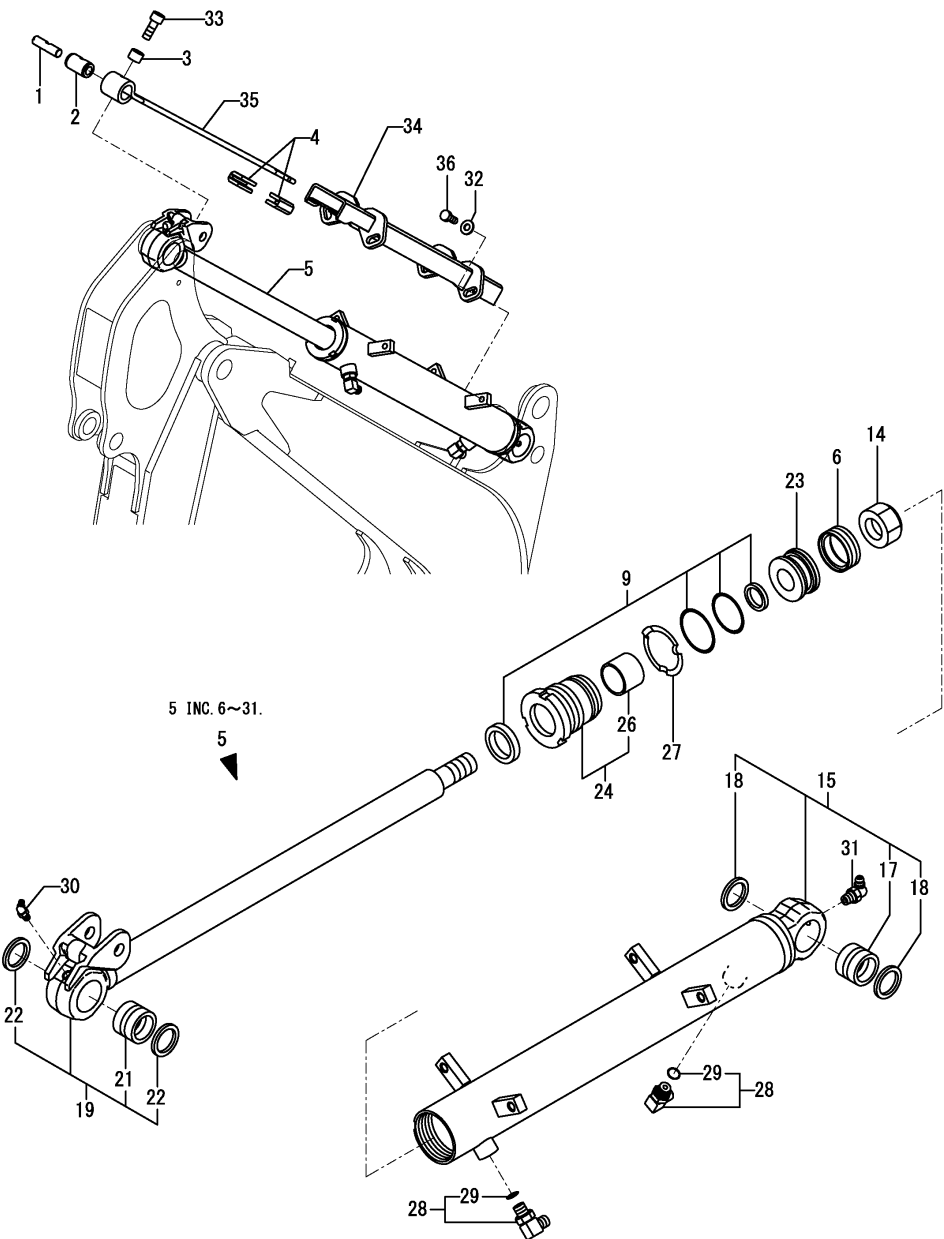
				(A)=VIO17-A P(US)					(D)=	
				(B)=					(E)=	
				(C)=					(F)=	
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
50	2	172422-73560	SCREW	1						
51	2	172458-73570	GUIDE, SPRING	1						
52	2	172422-73580	COUPLING	1						
53	2	172422-73590	COLLAR	1						
54	2	172422-73610	BOLT	3						
55	2	172458-73640	PLUG	1						
56	2	172458-73660	SHAFT	1						
57	2	22212-080000	WASHER 8	3						
58	2	22242-000250	RING, 25	1						
59	2	22252-000520	RING, 52	1						
60	2	22351-060016	PIN, SPRING 6.0X16	1						
61	2	26711-080002	NUT, M8	1						
62	1	26013-120352	BOLT, M12X 35	2						

Fig.56. BOOM CYLINDER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2							
2	1	172A23-72043	SHAFT	1							
3	1	172A23-72052	GROMMET	1							
4	1	172A64-72051-N	COVER, CYLINDER	2							
5	1	172A46-72070	SPACER	1							
6	1	172A23-72081	GUIDE, SLIDE	2							
7	1	172A64-72100-N	CYLINDER ASSY, BOOM	1							
8	2	172A64-70140	SEAL SET, RGU-60	1							
11	2	172A64-72030	SEAL SET, HEAD 60 35	1							
18	2	172A64-72110-N	TUBE ASSY, BOOM	1							
20	3	172A64-72190	BUSH, 35-45-30	1							
21	3	172448-81610	SEAL, DUST 35X45X4	2							
22	2	172A64-72150	ROD ASSY, BOOM	1							
24	3	172A64-72190	BUSH, 35-45-30	1							
25	3	172448-81610	SEAL, DUST 35X45X4	2							
26	2	172A64-72200-N	TUBE ASSY, BOOM	1							
27	2	172A64-72230	NUT, M24X1.5	1							
28	2	172149-72242	HEAD ASSY, 60 35	1							
30	3	24550-035300	BUSH, 35X30	1							
31	2	172A64-72240	PLUNGER, CUSHION 41	1							
32	2	172449-72350	COLLAR, 41	1							
33	2	172A20-72431	PISTON, 60 24-28	1							
34	2	172141-76181	CONNECTOR ASSY, 02FF	2							
34-1	2	172A64-76180	ELBOW, G1/4-1/4	2							N
(A="2016.02.")											
35	3	41851-000110	O-RING	2							
36	2	22137-100000	WASHER, 10	1							
37	2	24761-020000	NIPPLE, GREASE PT1/8	1							
38	2	24761-040000	NIPPLE, GREASE B	1							
39	2	26013-100202	BOLT, SPRING M10X 20	1							
40	2	933125-59600	WASHER 60 B, LOCK	1							
41	1	172A64-72251-N	GUIDE ASSY, 545	1							
42	1	172A79-72570	WASHER	2							
43	1	172A47-72840	BOLT	1							
44	1	172A23-72951-N	PLATE, SLIDE 585	1							
45	1	172A64-82620	PIN ASSY, 35X110	1							
46	1	172A64-82760	PIN ASSY, 35X127	1							
47	1	172141-84601	SHIM	2							
51	1	22157-100000	WASHER, 10	2							
52	1	26013-100162	BOLT, SPRING M10X 16	4							
53	1	26013-100202	BOLT, SPRING M10X 20	1							
54	1	26013-100252	BOLT, SPRING M10X 25	2							
55	1	26076-100252	BOLT, 10.910X 25	2							
56	1	933147-03400	WASHER, BRAKE ARM	1							
57	1	933168-14170	SPRING	2							

Fig.57. ARM CYLINDER



(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72043	SHAFT	1							
2	1	172A23-72052	GROMMET	1							
3	1	172A46-72070	SPACER	1							
4	1	172A23-72081	GUIDE, SLIDE	2							
5	1	172A64-72300-N	CYLINDER ASSY, ARM	1							
6	2	172A64-70110	SEAL SET,RGU-55	1							
9	2	172449-72020	SEAL SET, HEAD 55 35	1							
14	2	172141-72250	NUT	1							
15	2	172A64-72310-N	TUBE ASSY, ARM	1							
17	3	172149-72440	BUSH A 30X30,PIN	1							
18	3	172448-81600	SEAL, DUST 30X40X4	2							
19	2	172A64-72350	ROD ASSY, ARM	1							
21	3	172149-72440	BUSH A 30X30,PIN	1							
22	3	172448-81600	SEAL, DUST 30X40X4	2							
23	2	172A64-72391	PISTON,55 27-28	1							
24	2	172449-72410	HEAD CMP B,55-35	1							
26	3	24550-035300	BUSH, 35X30	1							
27	2	172173-72550	ROCK WASHER 55	1							
28	2	172141-76181	CONNECTOR ASSY, 02FF	2							
28-1	2	172A64-76180	ELBOW,G1/4-1/4	2							N
(A=*2016.02.)											
29	3	41851-000110	O-RING	2							
30	2	24761-040000	NIPPLE, GREASE B	1							
31	2	24761-050000	NIPPLE, GREASE C	1							
32	1	172A79-72570	WASHER	4							
33	1	172A47-72840	BOLT	1							
34	1	172A64-72901-N	GUIDE ASSY, 500	1							
35	1	172A64-72980-N	PLATE,SLIDE 520	1							
36	1	26076-100252	BOLT, 10.910X 25	4							

Fig.58. BUCKET CYLINDER

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A23-72043	SHAFT	1							
2	1	172A23-72052	GROMMET	1							
3	1	172A46-72070	SPACER	1							
4	1	172A23-72081	GUIDE, SLIDE	2							
5	1	172A64-72400-N	CYLINDER ASSY	1							
6	2	172A64-70110	SEAL SET,RGU-55	1							
9	2	172A64-72040	SEAL SET, HEAD 55 30	1							
14	2	172A64-72410-N	TUBE ASSY, BUCKET	1							
16	3	172149-72440	BUSH A 30X30,PIN	1							
17	3	172448-81600	SEAL, DUST 30X40X4	2							
18	2	172A64-72441	PISTON,55 22-28	1							
19	2	172A64-72450	ROD ASSY, BUCKET	1							
20	3	172149-72440	BUSH A 30X30,PIN	1							
22	3	172448-81600	SEAL, DUST 30X40X4	2							
23	2	172A64-72490	NUT, M22X1.5	1							
24	2	172173-72550	ROCK WASHER 55	1							
25	2	172449-72560	HEAD CMP 55 30	1							
27	3	24550-030300	BUSH, 30X30	1							
28	2	172141-76181	CONNECTOR ASSY, 02FF	1							
28-1	2	172A64-76180	ELBOW,G1/4-1/4	1							N
(A=*2016.02.)											
29	3	41851-000110	O-RING	1							
30	2	23391-020000	JOINT, RGI-1/4	1							
31	2	24761-050000	NIPPLE, GREASE C	1							
32	1	172A79-72570	WASHER	2							
33	1	172A47-72840	BOLT	1							
34	1	172A64-72951-N	GUIDE ASSY, 445	1							
35	1	172A64-72980-N	PLATE,SLIDE 520	1							
36	1	26013-100202	BOLT, SPRING M10X 20	1							
37	1	26076-100252	BOLT, 10.910X 25	2							
38	1	933147-03400	WASHER, BRAKE ARM	1							
39	1	933168-14170	SPRING	2							

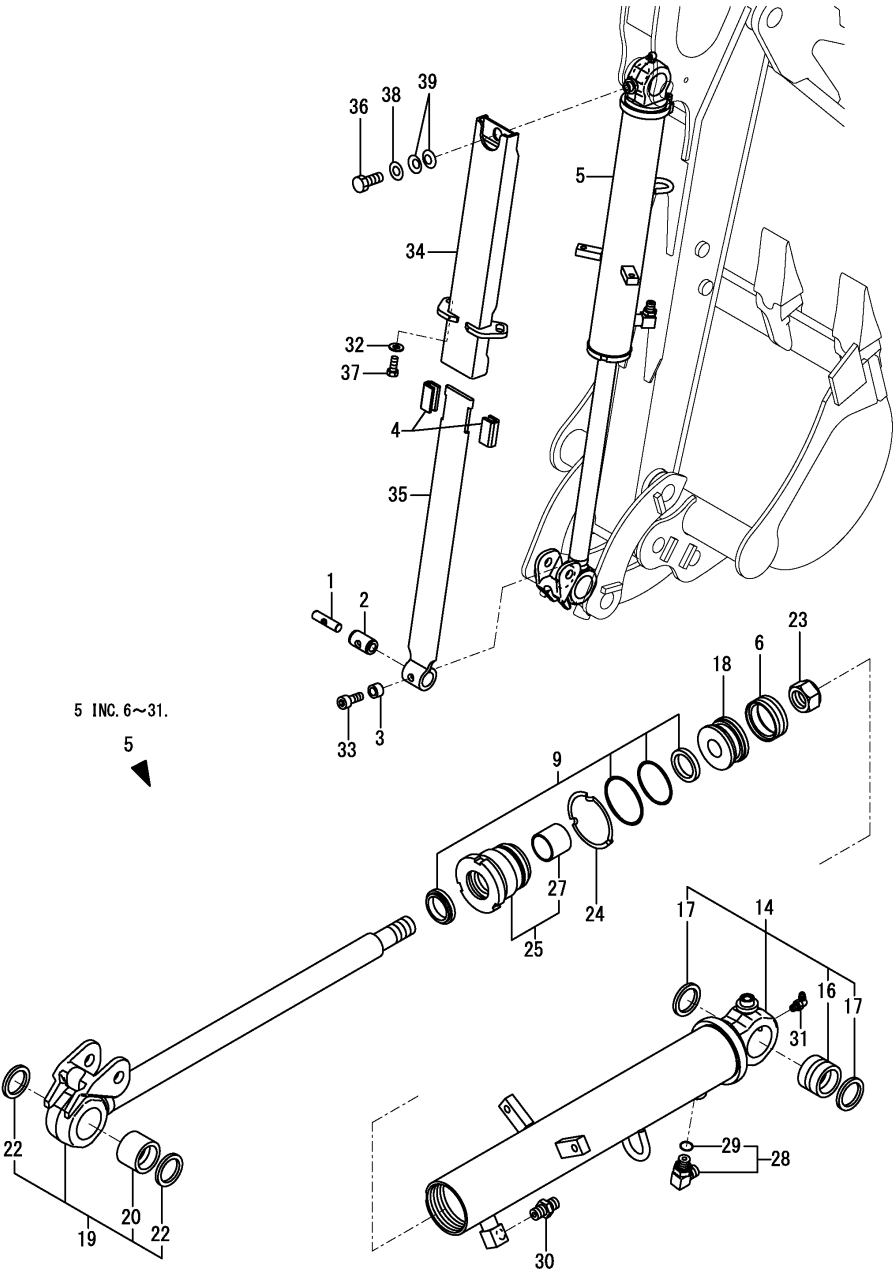
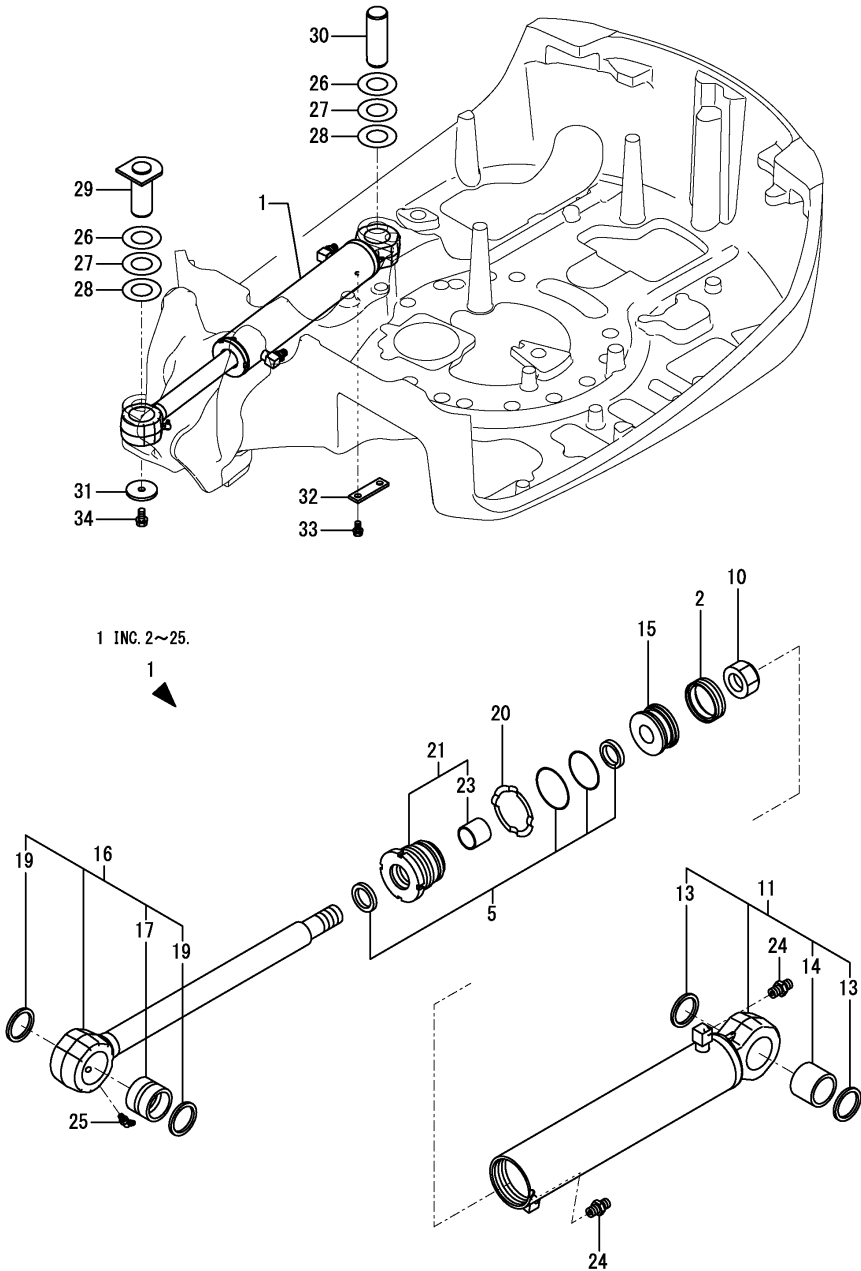


Fig.59. SWING CYLINDER

(A)=VIO17-A P(US)
(B)=
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-72500	CYLINDER ASSY, SWING	1							
2	2	172A64-70170	SEAL SET,RGU-65	1							
5	2	172449-72040	SEAL SET, HEAD 65 35	1							
10	2	172141-72250	NUT	1							
11	2	172A64-72510	TUBE ASSY, SWING	1							
13	3	172448-72650	SEAL, DUST	2							
14	3	172458-72740	BUSH	1							
15	2	172A64-72541	PISTON,65 27-31	1							
16	2	172A64-72550	ROD ASSY, SWING	1							
17	3	172168-72410	BUSH	1							
19	3	172448-72650	SEAL, DUST	2							
20	2	172142-72560	WASHER, LOCK	1							
21	2	172449-72810	HEAD CMP 65-35	1							
23	3	24550-035300	BUSH, 35X30	1							
24	2	23391-020000	JOINT, RGI-1/4	2							
25	2	24761-050000	NIPPLE, GREASE C	1							
26	1	172165-82580	SHIM	2							
27	1	172165-82590	SHIM	2							
28	1	172165-82600	SHIM	2							
29	1	172A64-82650	PIN ASSY, 40X96	1							
30	1	172A64-82670	PIN, 40X120	1							
31	1	172146-82910	SPACER	1							
32	1	172117-83970-7	PLATE, LOCK	1							
33	1	26013-100202	BOLT, M10X 20	2							
34	1	26013-120252	BOLT, M12X 25	1							

Fig.60. BLADE CYLINDER

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-72601	CYLINDER ASSY, BLADE	1							
2	2	172A64-70140	SEAL SET,RGU-60	1							
5	2	172A64-72020	SEAL SET, HEAD 60 30	1							
10	2	172A64-72490	NUT, M22X1.5	1							
11	2	172A64-72610	TUBE ASSY, BLADE	1							
12	3	172149-72440	BUSH A 30X30,PIN	1							
14	3	172448-81600	SEAL, DUST 30X40X4	2							
15	2	172A64-72641	PISTON,60 22-28	1							
16	2	172A64-72651	ROD ASSY, BLADE	1							
17	3	172149-72440	BUSH A 30X30,PIN	1							
19	3	172448-81600	SEAL, DUST 30X40X4	2							
20	2	172447-72860	HEAD 60 30	1							
22	3	24550-030300	BUSH, 30X30	1							
23	2	23391-020000	JOINT, RGI-1/4	2							
24	2	933125-59600	WASHER 60 B, LOCK	1							
25	1	172A64-72690	PROTECTOR	1							
26	1	26014-100252	BOLT, M10X 25	2							

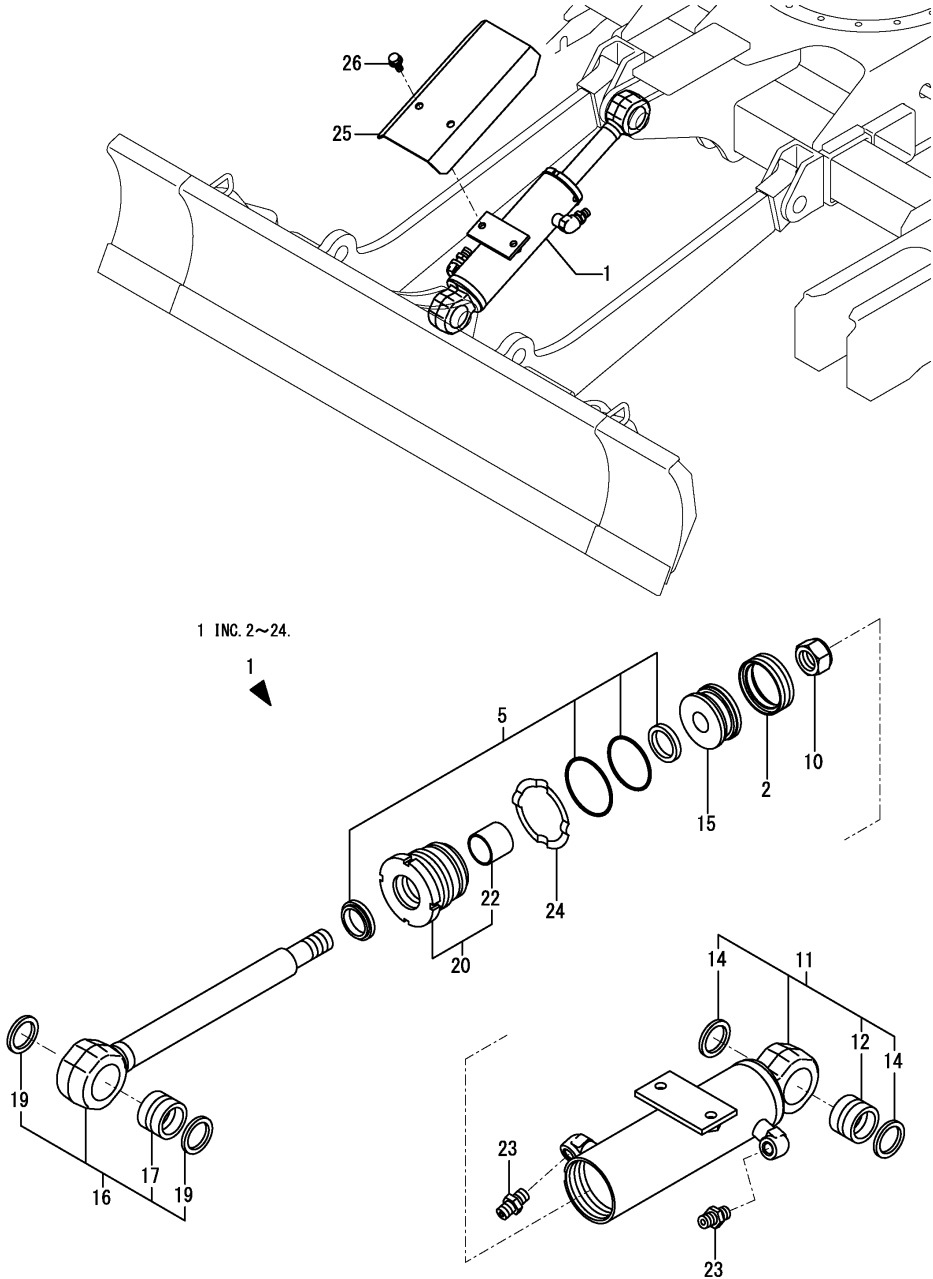
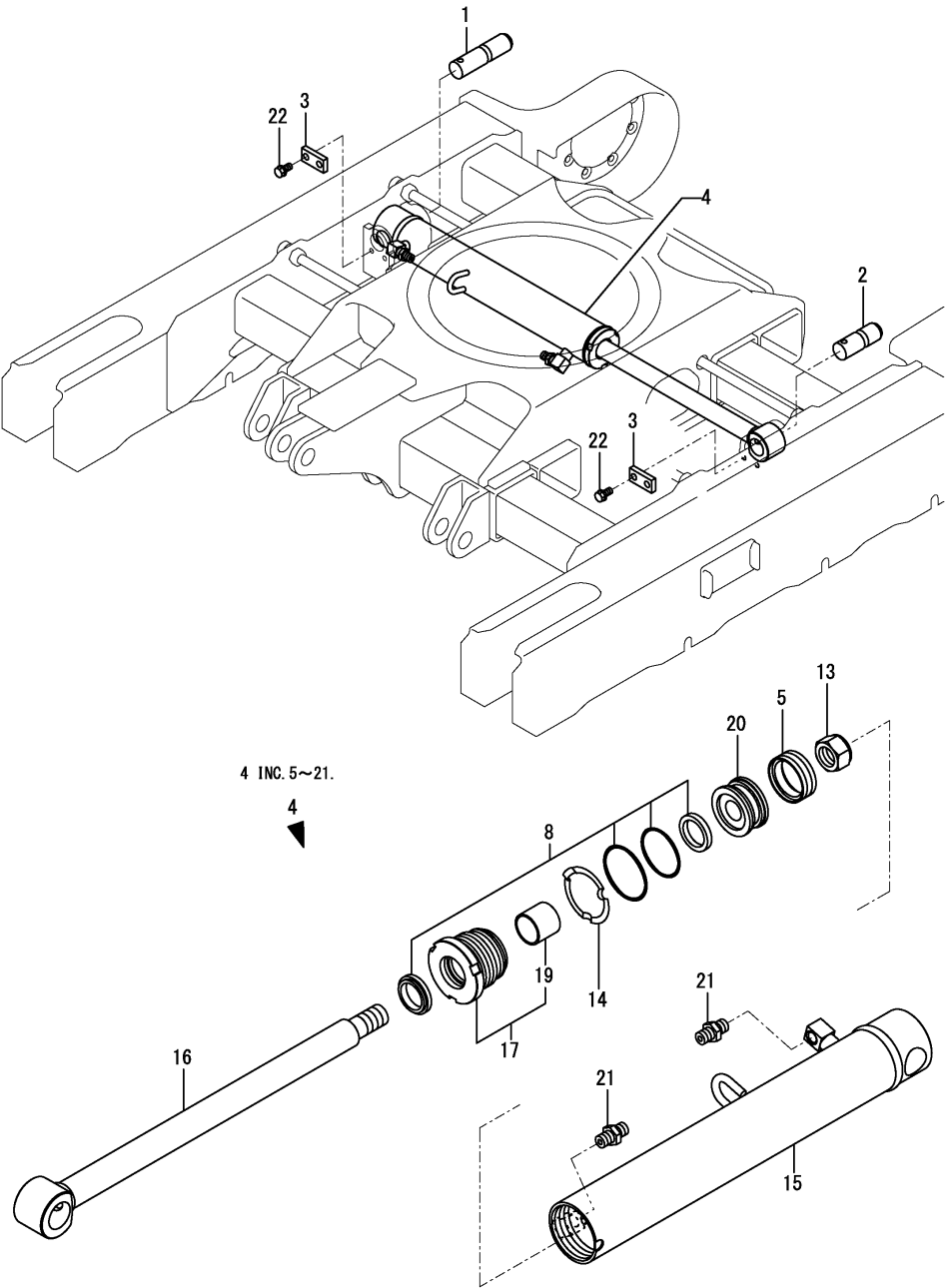
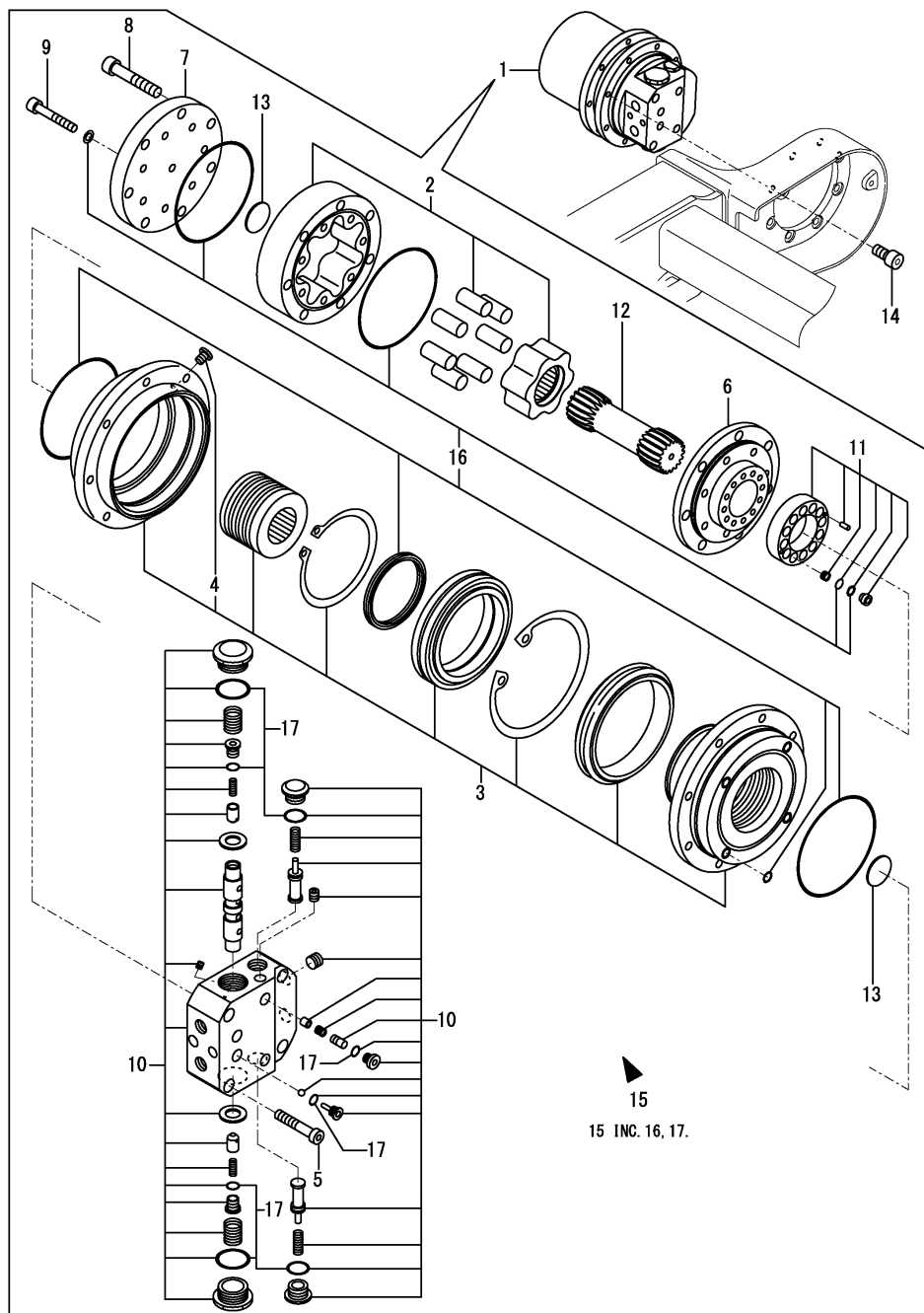


Fig.61. VARIABLE LEG WIDEN / SHORTEN CYLINDER

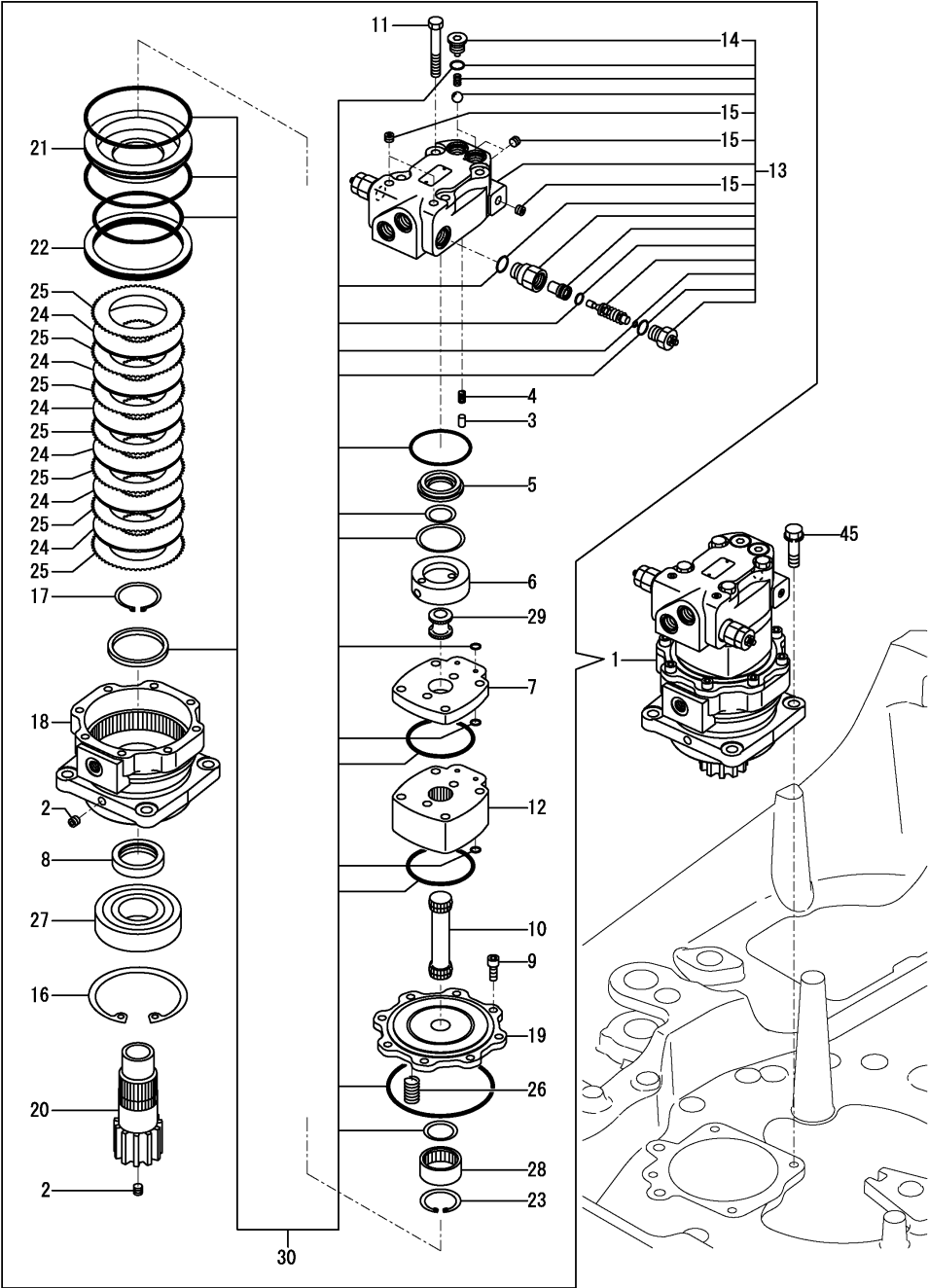


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-50720	PIN 30X95	1							
2	1	172A64-50730	PIN 30X65	1							
3	1	172A64-50770	PLATE,LOCK (GRAY:49)	2							
4	1	172A64-72700	CYLINDER ASSY	1							
5	2	172A64-70110	SEAL SET,RGU-55	1							
8	2	172A64-72040	SEAL SET, HEAD 55 30	1							
13	2	172A64-72490	NUT, M22X1.5	1							
14	2	172173-72550	ROCK WASHER 55	1							
15	2	172A64-72710	TUBE ASSY, VARIABLE	1							
16	2	172A64-72750	ROD ASSY, VARIABLE	1							
17	2	172A64-72810	HEAD ASSY, 55 30	1							
19	3	24550-030300	BUSH, 30X30	1							
20	2	172A64-72861	PISTON,55 22-26	1							
21	2	23391-020000	JOINT, RGI-1/4	2							
22	1	26014-100252	BOLT, M10X 25	4							



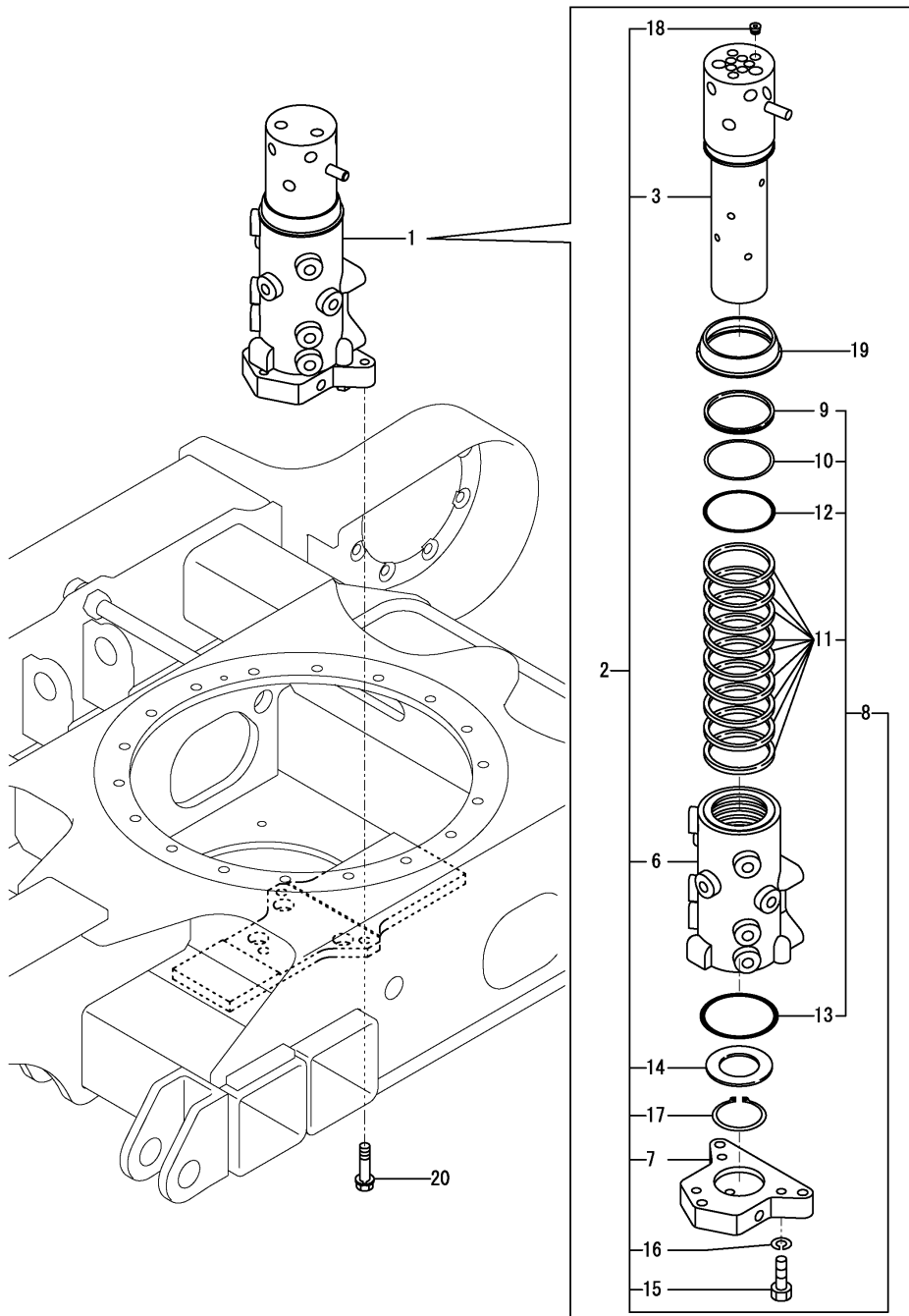
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73300	MOTOR ASSY, TRAVEL	2							
2	2	172A64-73350	GEROLLER ASSY	2							
3	2	172A64-73360	SPINDLE WHEEL ASSY	2							
4	3	172A64-73440	PLUG	2							
5	2	172168-73370	BOLT	8							
6	2	172A64-73380	PLATE,VALVE	2			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

Fig.63. TURNING MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73310	MOTOR ASSY, REVOLVE	1							
2	2	172137-70490	PLUG	2							
3	2	172137-70570	PIN	2							
4	2	172137-70580	SPRING	2							
5	2	172137-70590	PLATE	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	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	SNAP RING	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	FRONT BEARING	1							
28	2	172456-77250	NEEDLE BEARING	1							
29	2	172141-77260	DRIVE, VALVE	1							
30	2	172A64-73660	SEAL SET	1							
45	1	26013-120402	BOLT, M12X 40	4							

Fig.64. SWIVEL JOINT

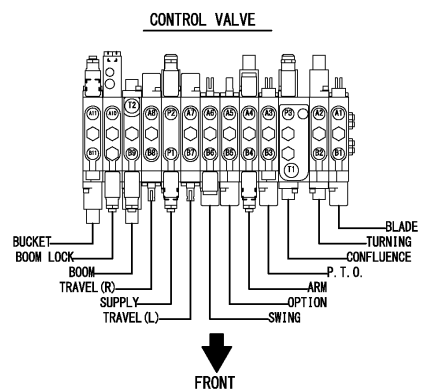
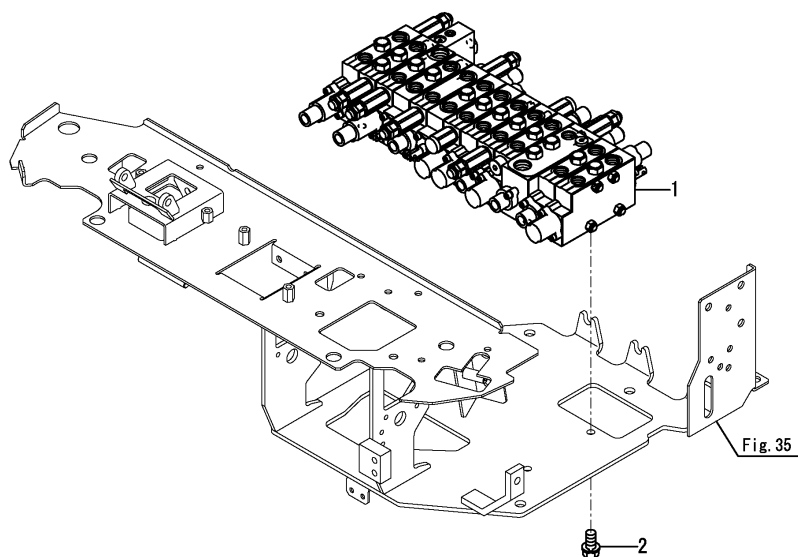


				(A)=VIO17-A P(US)				(D)=			
				(B)=				(E)=			
				(C)=				(F)=			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73790	JOINT ASSY,SWIVEL S	1							
2	2	172A64-73800	JOINT ASSY,SWIVEL S	1							
3	3	172A64-73810	SHAFT ASSY,SWIVEL SL	1							
6	3	172A64-73840	HUB,SWIVEL S	1							
7	3	172A64-73850	FLANGE,SWIVEL SL	1							
8	3	172A64-73860	SEAL KIT, SWIVEL	1							
9	4	172A64-73870	RING,V	1							
10	4	172B02-73880	RING, BACKUP T3 55	1							
11	4	172B02-73890	SEAL, SWIVEL	9							
12	4	24315-000560	O-RING, 1BP56.0	1							
13	4	24325-000700	O-RING, 1BG70.0	1							
14	3	172B02-73860	SPACER, SWIVEL	1							
15	3	172A64-73890	BOLT,10.9 8X 40	3							
16	3	22217-080000	WASHER, SPRING 8	3							
17	3	22242-000451	RING, 45	1							
18	3	23871-010000	PLUG, R01	8							
19	2	172448-73900	COVER, DUCT	1							
20	1	26013-100302	BOLT, M10X 30	3							

Fig.65. CONTROL VALVE(1/8)

(A)=VIO17-A P(US)
(B)=
(C)=

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

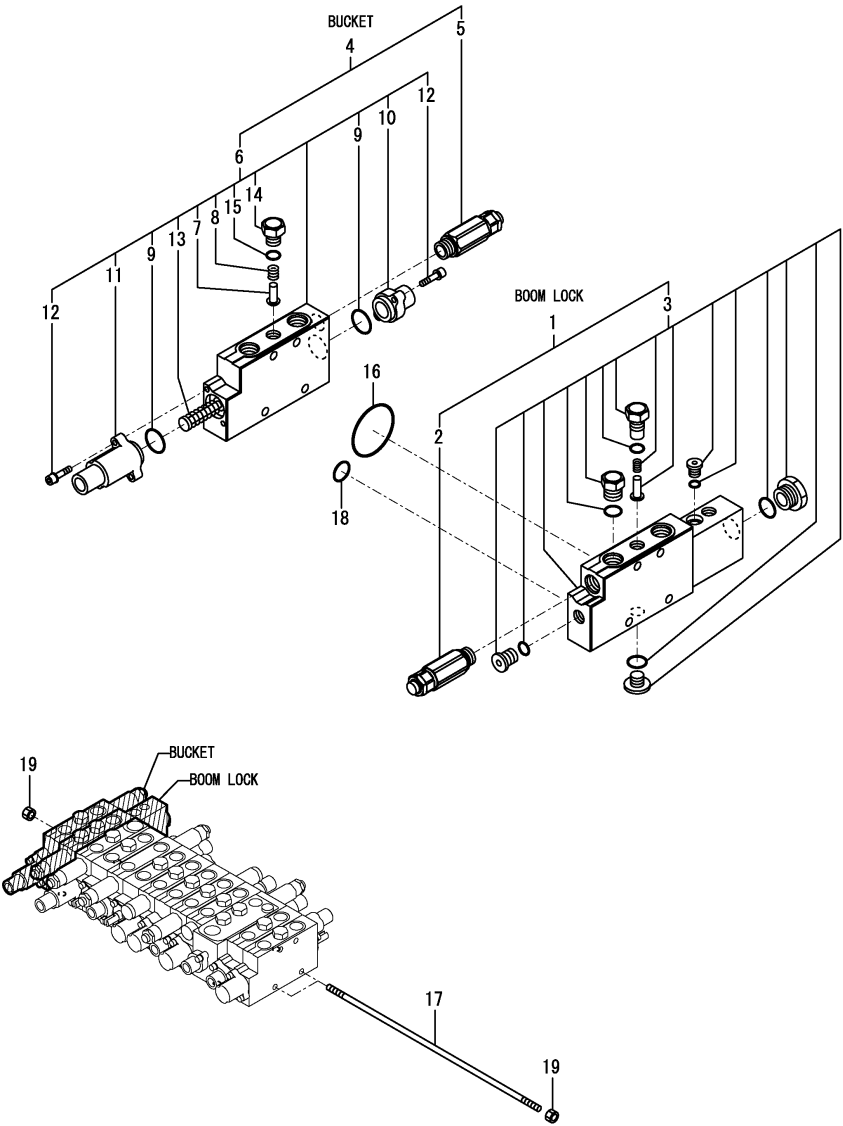


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-74100	VALVE ASSY, CONTROL	1							
2	1	26013-100162	BOLT, M10X 16	3							

Fig.66. CONTROL VALVE(2/8)

(A)=VIO17-A P(US)
(B)=
(C)=

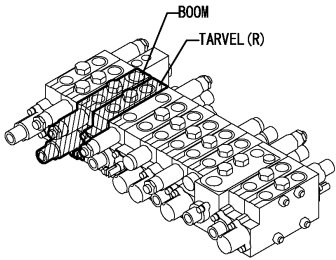
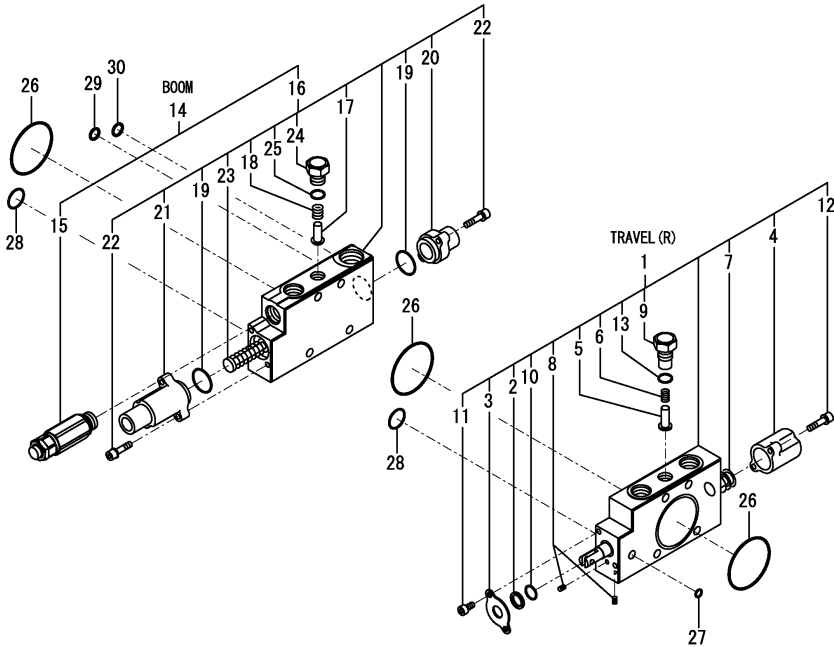
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74430	VALVE, BOOM LOCK	1							
2	3	172456-74440	VALVE, RELIEF	1							
3	3	172A64-74440	BOOM LOCK ASSY	1							
4	2	172A64-74450	SECTION, BUCKET	1							
5	3	172456-74280	VALVE ASSY, RELIEF 2	1							
6	3	172A64-74460	SECTION ASSY, BUCKET	1							
7	4	172458-74150	VALVE, REVERSE	1							
8	4	172458-74160	SPRING, VALVE	1							
9	4	172458-74230	O-RING	2							
10	4	172458-74240	COVER, PILOT	1							
11	4	172458-74250	COVER, PILOT	1							
12	4	172458-74260	BOLT	4							
13	4	172A64-74470	SPOOL ASSY, BUCKET	1							
14	4	172458-74630	STAY, VALVE	1							
15	4	41851-000110	O-RING	1							
16	2	172458-74720	O-RING	1							
17	2	172A47-75450	BOLT	4							
18	2	24311-000180	O-RING, 1AP18.0	1							
19	2	26716-080002	NUT, M8	4							

Remarks
* Control valve assy is shown in Fig.65.

Fig.67. CONTROL VALVE(3/8)



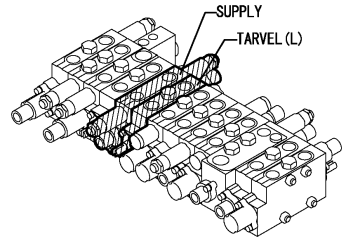
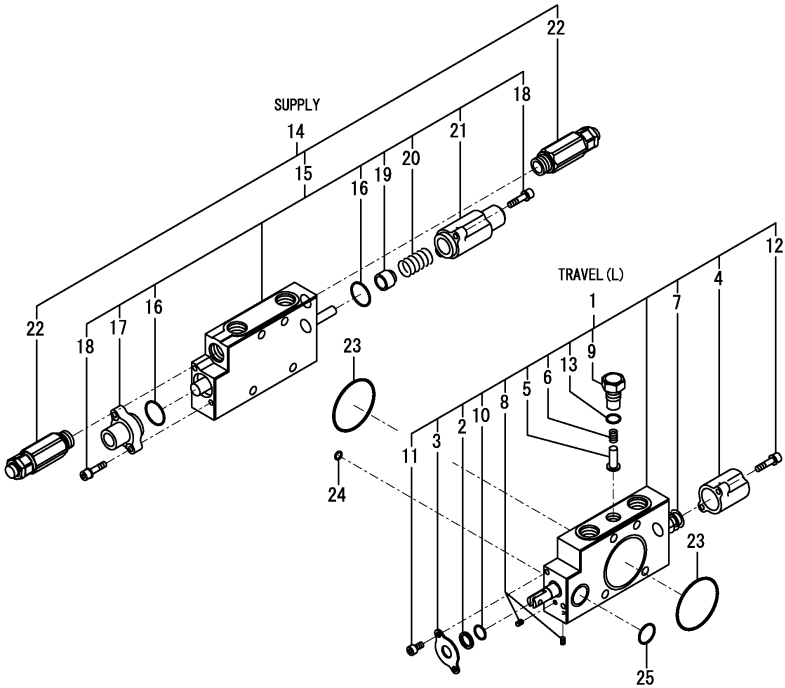
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74390	SECTION ASSY, TRAVEL	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, VALVE	1							
7	3	172A64-74360	SPOOL ASSY, TRAVEL	1							
8	3	172458-74460	PLUG	2							
9	3	172458-74640	STAY, VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	26450-050102	BOLT, M5X 10	2							
12	3	26450-050182	BOLT, M5X 18	2							
13	3	41851-000110	O-RING	1							
14	2	172A64-74400	SECTION, BOOM	1							
15	3	172462-74340	VALVE ASSY, OVERLOAD	1							
16	3	172A64-74410	SECTION ASSY, BOOM	1							
17	4	172458-74150	VALVE, REVERSE	1							
18	4	172458-74160	SPRING, VALVE	1							
19	4	172458-74230	O-RING	2							
20	4	172458-74240	COVER, PILOT	1							
21	4	172458-74250	COVER, PILOT	1							
22	4	172458-74260	BOLT	4							
23	4	172A64-74420	SPOOL ASSY, BOOM	1							
24	4	172458-74630	STAY, VALVE	1							
25	4	41851-000110	O-RING	1							
26	2	172458-74720	O-RING	3							
27	2	24311-000060	O-RING, 1AP6.0	1							
28	2	24311-000180	O-RING, 1AP18.0	2							
29	2	24315-000090	O-RING, 1BP9.0	1							
30	2	24315-000100	O-RING, 1BP10.0	1							

Remarks
* Control valve assy is shown in Fig.65.

Fig.68. CONTROL VALVE(4/8)



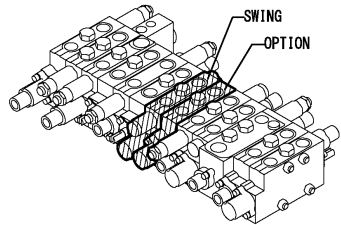
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(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74350	SECTION ASSY, TRAVEL	1							
2	3	172458-74130	WIPER, DUST	1							
3	3	172458-74140	RETAINER, SEAL	1							
4	3	172458-74170	CAP, SPRING	1							
5	3	172458-74290	VALVE, REVERSE	1							
6	3	172458-74360	SPRING, VALVE	1							
7	3	172A64-74360	SPOOL ASSY, TRAVEL	1							
8	3	172458-74460	PLUG	2							
9	3	172458-74640	STAY, VALVE	1							
10	3	24311-000120	O-RING, 1AP12.0	1							
11	3	26450-050102	BOLT, M5X 10	2							
12	3	26450-050182	BOLT, M5X 18	2							
13	3	41851-000110	O-RING	1							
14	2	172A64-74370	VALVE, CNTRL INLET	1							
15	3	172A64-74380	SECTION ASSY, SUPPLY	1							
16	4	172458-74230	O-RING	2							
17	4	172458-74240	COVER, PILOT	1							
18	4	172458-74260	BOLT	4							
19	4	172458-74530	SEAT, SPRING	1							
20	4	172458-74540	SPRING, RETURN	1							
21	4	172458-74550	COVER, PILOT	1							
22	3	172A64-74480	VALVE, RELIEF	2							
23	2	172458-74720	O-RING	2							
24	2	24311-000060	O-RING, 1AP6.0	1							
25	2	24311-000180	O-RING, 1AP18.0	1							

Remarks
* Control valve assy is shown in Fig.65.

Fig.69. CONTROL VALVE(5/8)



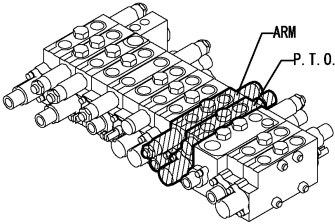
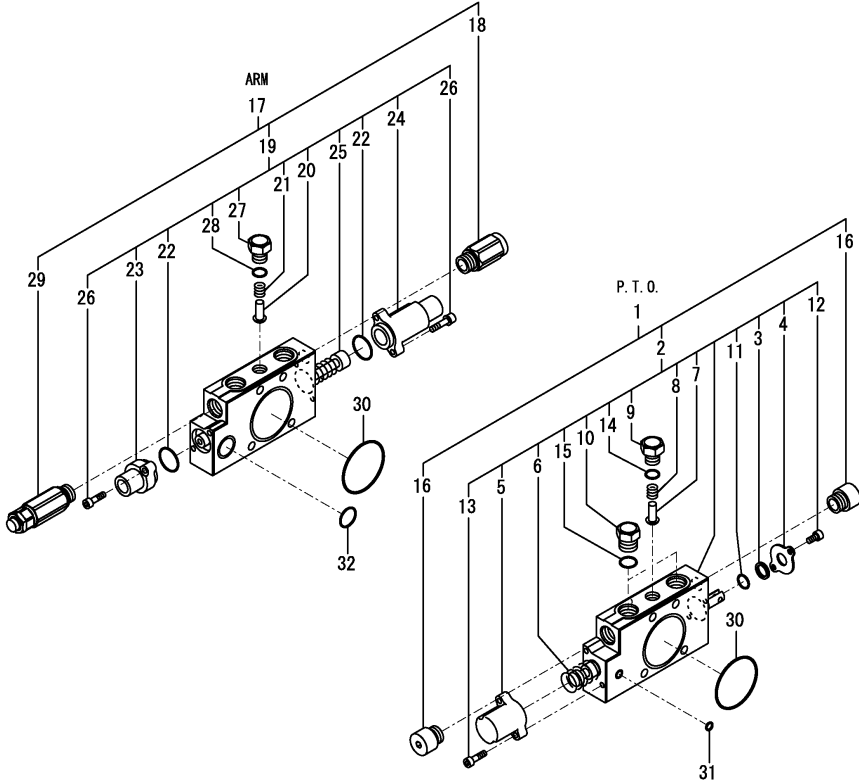
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Qty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	2	172A64-74260	SECTION ASSY, OPTION	1						
2	3	172458-74130	WIPER, DUST	1						
3	3	172458-74140	RETAINER, SEAL	1						
4	3	172458-74150	VALVE, REVERSE	1						
5	3	172458-74160	SPRING, VALVE	1						
6	3	172458-74170	CAP, SPRING	1						
7	3	172A64-74270	SPOOL ASSY, OPTION	1						
8	3	172458-74630	STAY, VALVE	1						
9	3	24311-000120	O-RING, 1AP12.0	1						
10	3	26450-050102	BOLT, M5X 10	2						
11	3	26450-050182	BOLT, M5X 18	2						
12	3	41851-000110	O-RING	1						
13	2	172A64-74280	SECTION, SWING	1						
14	3	172447-74230	ANTI-CAVITATION	1						
15	3	172A64-74290	SECTION ASSY, SWING	1						
16	4	172458-74130	WIPER, DUST	1						
17	4	172458-74140	RETAINER, SEAL	1						
18	4	172458-74150	VALVE, REVERSE	1						
19	4	172458-74160	SPRING, VALVE	1						
20	4	172458-74170	CAP, SPRING	1						
21	4	172A64-74300	SPOOL ASSY, SWING	1						
22	4	172458-74630	STAY, VALVE	1						
23	4	24311-000120	O-RING, 1AP12.0	1						
24	4	26450-050102	BOLT, M5X 10	2						
25	4	26450-050182	BOLT, M5X 18	2						
26	4	41851-000110	O-RING	1						
27	2	172458-74720	O-RING	2						
28	2	24311-000180	O-RING, 1AP18.0	2						

* Control valve assy is shown in Fig.65.

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.70. CONTROL VALVE(6/8)



Remarks
* Control valve assy is shown in Fig.65.

(A)=VIO17-A P(US)
(B)=
(C)=

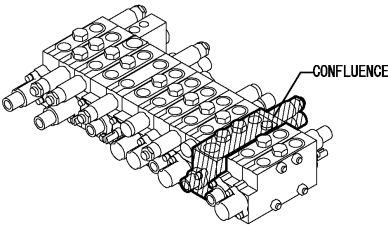
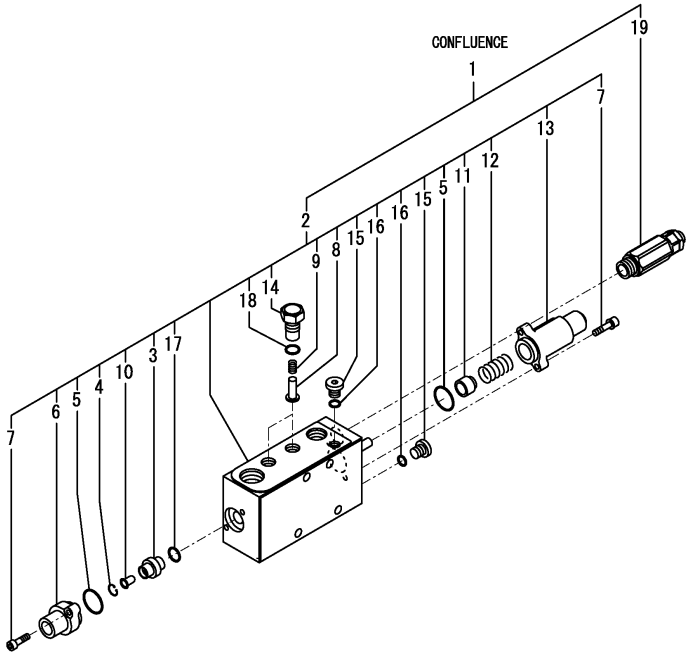
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74200	SECTION, PTO	1							
2	3	172A64-74210	SECTION ASSY, PTO	1							
3	4	172458-74130	WIPER, DUST	1							
4	4	172458-74140	RETAINER, SEAL	1							
5	4	172458-74170	CAP, SPRING	1							
6	4	172A64-74220	SPOOL ASSY, PTO	1							
7	4	172490-74310	VALVE, REVERSE	1							
8	4	172490-74320	SPRING, VALVE	1							
9	4	172490-74330	STAY, VALVE	1							
10	4	172458-74650	STAY, VALVE	2							
11	4	24311-000120	O-RING, 1AP12.0	1							
12	4	26450-050102	BOLT, M5X 10	2							
13	4	26450-050182	BOLT, M5X 18	2							
14	4	41851-000110	O-RING	1							
15	4	41851-000140	O-RING	2							
16	3	172456-74290	RELIEF VALVE PLUG	2							
17	2	172A64-74230	SECTION, ARM	1							
18	3	172447-74230	ANTI-CAVITATION	1							
19	3	172A64-74240	SECTION ASSY, ARM	1							
20	4	172458-74150	VALVE, REVERSE	1							
21	4	172458-74160	SPRING, VALVE	1							
22	4	172458-74230	O-RING	2							
23	4	172458-74240	COVER, PILOT	1							
24	4	172458-74250	COVER, PILOT	1							
25	4	172A64-74250	SPOOL ASSY, ARM	1							
26	4	172458-74260	BOLT	4							
27	4	172458-74630	STAY, VALVE	1							
28	4	41851-000110	O-RING	1							
29	3	172462-74340	VALVE ASSY, OVERLOAD	1							
30	2	172458-74720	O-RING	2							
31	2	24311-000060	O-RING, 1AP6.0	1							
32	2	24311-000180	O-RING, 1AP18.0	1							

Fig.71. CONTROL VALVE(7/8)

(A)=VIO17-A P(US)
(B)=
(C)=

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



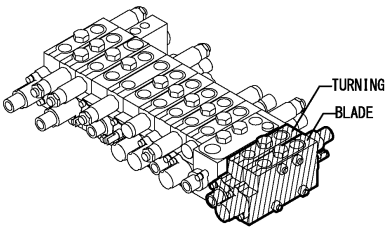
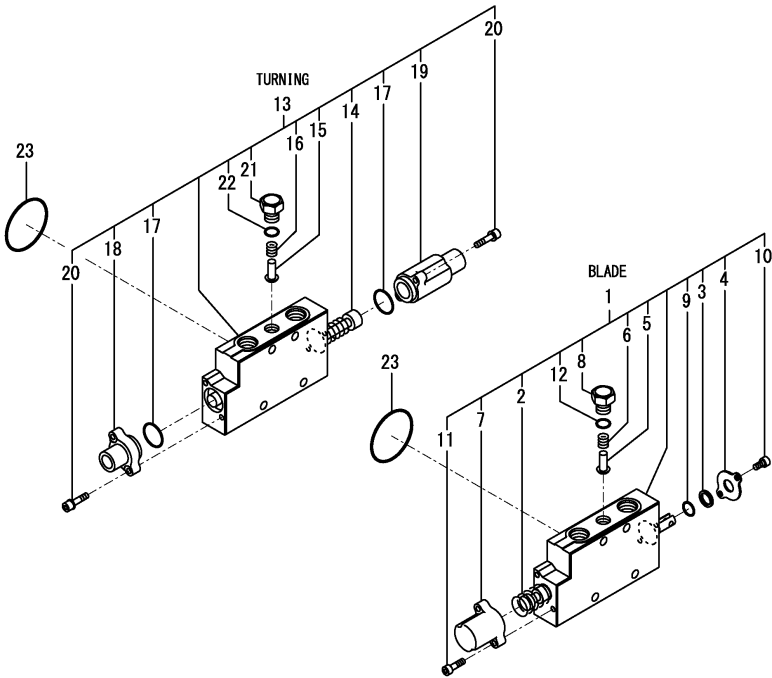
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74150	SECTION ASSY	1							
2	3	172A64-74160	SECTION ASSY	1							
3	4	172A64-74170	CASE, FILTER	1							
4	4	172A64-74190	CIRCLIP, 8	1							
5	4	172458-74230	O-RING	2							
6	4	172458-74240	COVER, PILOT	1							
7	4	172458-74260	BOLT	4							
8	4	172458-74290	VALVE, REVERSE	2							
9	4	172458-74360	SPRING, VALVE	2							
10	4	172A47-74360	FILTER	1							
11	4	172458-74530	SEAT, SPRING	1							
12	4	172458-74540	SPRING, RETURN	1							
13	4	172458-74550	COVER, PILOT	1							
14	4	172458-74640	STAY, VALVE	2							
15	4	172458-74670	PLUG	2							
16	4	24315-000080	O-RING, 1BP8.0	2							
17	4	24315-240100	O-RING, 1BP10A	1							
18	4	41851-000110	O-RING	2							
19	3	172A64-74490	VALVE, RELIEF	1							

Remarks
* Control valve assy is shown in Fig.65.

Fig.72. CONTROL VALVE(8/8)

(A)=VIO17-A P(US)
(B)=
(C)=

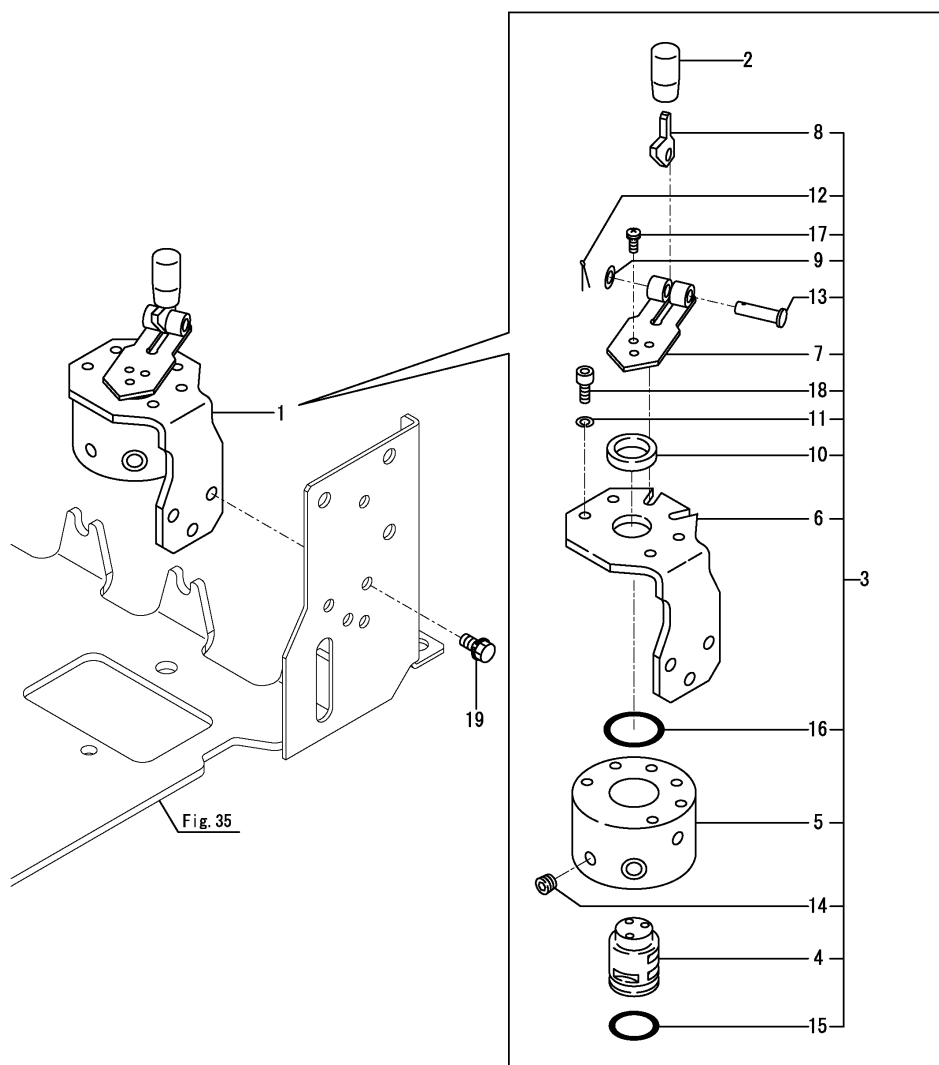
(D)=
(E)=
(F)=



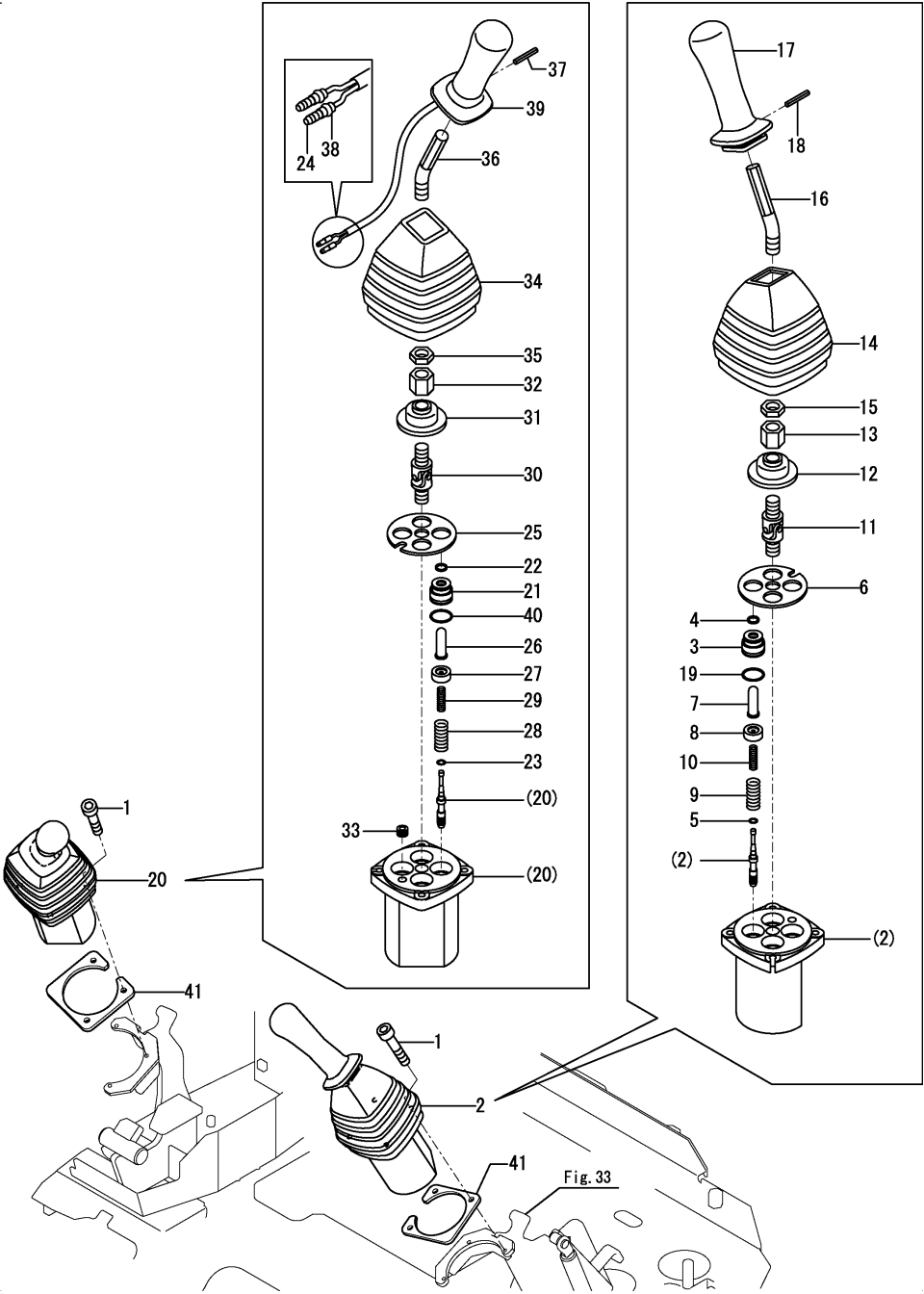
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A64-74110	SECTION ASSY, BLADE	1							
2	3	172A64-74120	SPOOL ASSY, BLADE	1							
3	3	172458-74130	WIPER, DUST	1							
4	3	172458-74140	RETAINER, SEAL	1							
5	3	172458-74150	VALVE, REVERSE	1							
6	3	172458-74160	SPRING, VALVE	1							
7	3	172458-74170	CAP, SPRING	1							
8	3	172458-74630	STAY, VALVE	1							
9	3	24311-000120	O-RING, 1AP12.0	1							
10	3	26450-050102	BOLT, M5X 10	2							
11	3	26450-050182	BOLT, M5X 18	2							
12	3	41851-000110	O-RING	1							
13	2	172A64-74130	SECTION ASSY	1							
14	3	172A64-74140	SPOOL ASSY, SWING	1							
15	3	172458-74150	VALVE, REVERSE	1							
16	3	172458-74160	SPRING, VALVE	1							
17	3	172458-74230	O-RING	2							
18	3	172458-74240	COVER, PILOT	1							
19	3	172458-74250	COVER, PILOT	1							
20	3	172458-74260	BOLT	4							
21	3	172458-74630	STAY, VALVE	1							
22	3	41851-000110	O-RING	1							
23	2	172458-74720	O-RING	2							

Remarks
* Control valve assy is shown in Fig.65.

Fig.73. 2-WAY VALVE



No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172A36-74690	VALVE ASSY, 2-WAY	1					
2	2	172157-58830	KNOB, 6.5X18X35	1					
3	2	172A36-74700	VALVE ASSY, 2-WAY	1					
4	3	172437-74711	SHAFT	1					
5	3	172437-74720	BLOCK, VALVE	1					
6	3	172437-74732	STAY ASSY	1					
7	3	172A36-74750	LEVER	1					
8	3	172A36-74780	PLATE, LOCK	1					
9	3	22117-080000	WASHER, 8	1					
10	3	22137-240000	WASHER, 24	1					
11	3	22217-060000	WASHER, SPRING 6	4					
12	3	22417-200160	PIN, COTTER 2.0X16	1					
13	3	22487-080300	PIN, H 8X 30	1					
14	3	23871-010000	PLUG, R01	4					
15	3	24311-000250	O-RING, 1AP25.0	1					
16	3	24311-000320	O-RING, 1AP32.0	1					
17	3	26022-050122	SCREW, M5X12	3					
18	3	26450-060162	BOLT, M6X 16	4					
19	1	26013-100202	BOLT, M10X 20	3					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT N6X30	6							
2	1	172A64-74310	VALVE ASSY, CONTROL	1							
3	2	172151-73400	PLUG	4							
4	2	172151-73420	SEAL	4							
5	2	172151-73450	WASHER	4							
6	2	172A64-74590	PLATE	1							
7	2	172A64-74600	ROD,PUSH	4							
8	2	172A64-74610	SEAT, SPRING	4							
9	2	172A64-74620	SPRING	4							
10	2	172A64-74630	SPRING	4							
11	2	172A64-74640	JOINT	1							
12	2	172A64-74650	PLATE	1							
13	2	172A64-74660	NUT	1							
14	2	172A64-74680	BELLOWS	1							
15	2	172A64-74900	NUT, LOCK	1							
16	2	172A64-74910	LEVER	1							
17	2	172A64-74920	KNOB	1							
18	2	172A64-74930	PIN,SPRING	1							
19	2	24315-000200	O-RING, 1BP20.0	4							
20	1	172A64-74320	VALVE ASSY, CONTROL	1							
21	2	172151-73400	PLUG	4							
22	2	172151-73420	SEAL	4							
23	2	172151-73450	WASHER	4							
24	2	172151-73610	TERMINAL	2							
25	2	172A64-74590	PLATE	1							
26	2	172A64-74600	ROD,PUSH	4							
27	2	172A64-74610	SEAT, SPRING	4							
28	2	172A64-74620	SPRING	4							
29	2	172A64-74630	SPRING	4							
30	2	172A64-74640	JOINT	1							
31	2	172A64-74650	PLATE	1							
32	2	172A64-74660	NUT	1							
33	2	172A64-74670	BUSH	1							
34	2	172A64-74680	BELLOWS	1							
35	2	172A64-74900	NUT, LOCK	1							
36	2	172A64-74910	LEVER	1							
37	2	172A64-74930	PIN,SPRING	1							
38	2	172A64-74940	SLEEVE, INSULATION	2							
39	2	172A64-74950	KNOB	1							
40	2	24315-000200	O-RING, 1BP20.0	4							
41	1	172A78-74650	PLATE ASSY,VALVE	2							

Fig.75. STOP VALVE

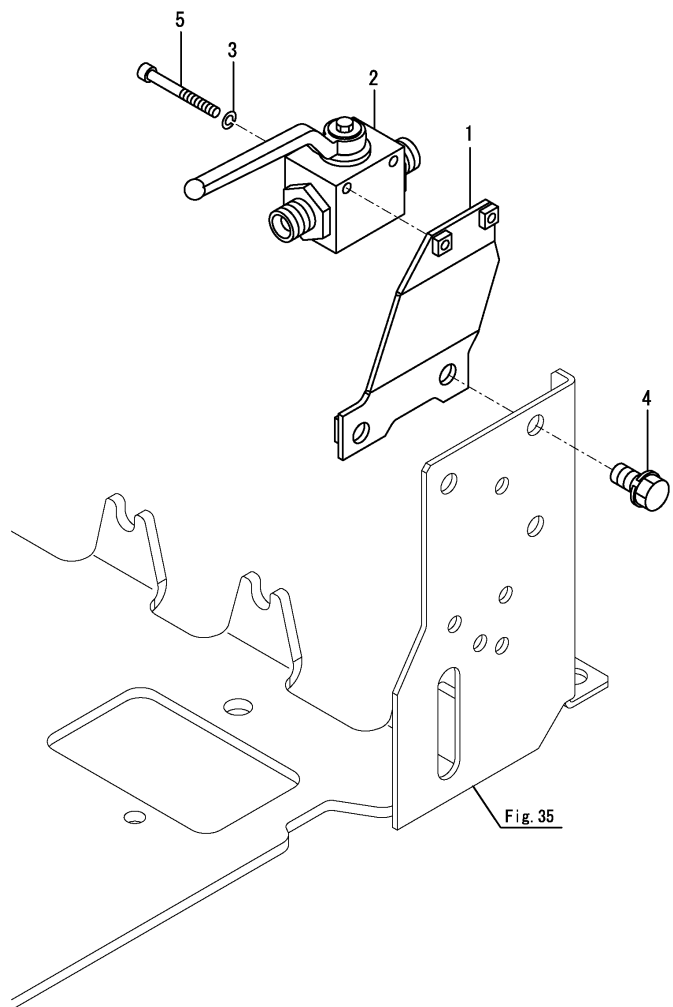


Fig. 35

(A)=VIO17-A P(US)
(B)=
(C)=

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

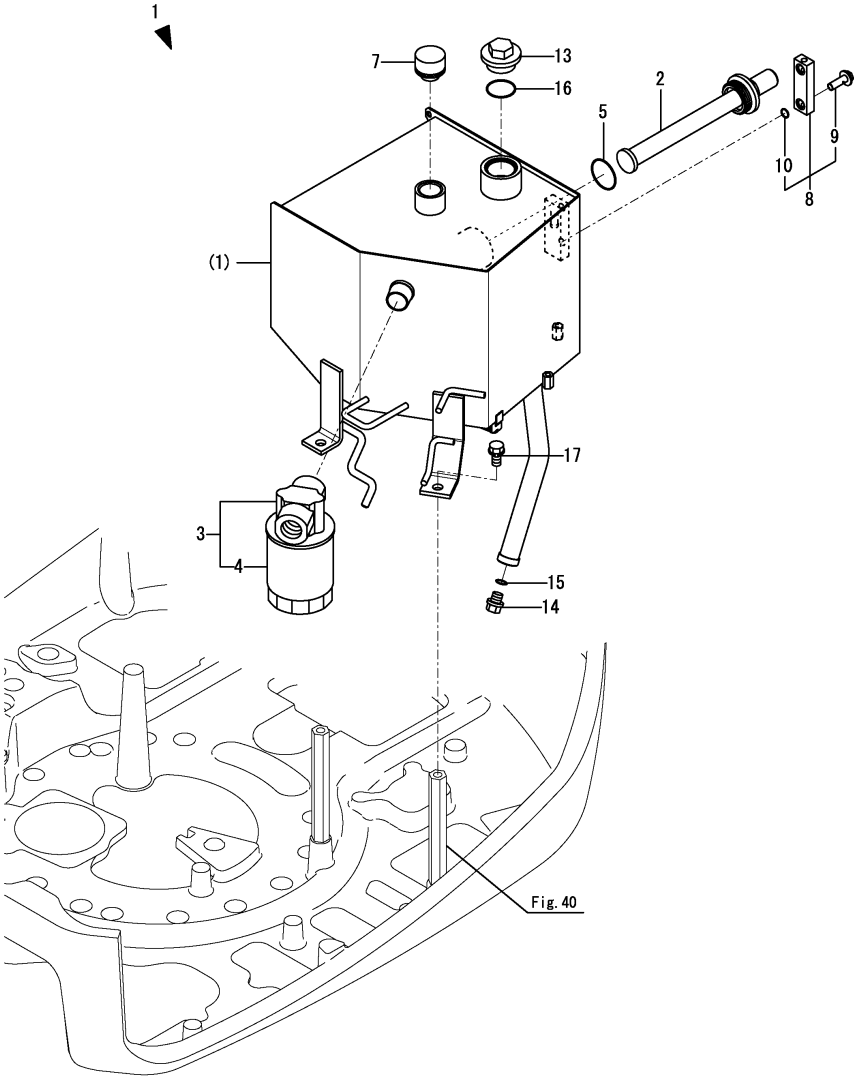
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-45600	STAY ASSY, VALVE	1							
2	1	172A64-74800	STOP VALVE 06 ASSY	1							
3	1	22217-050000	WASHER, SPRING 5	2							
4	1	26013-100202	BOLT, M10X 20	2							
5	1	26450-050452	BOLT, M5X 45	2							

Fig.76. HYD. OIL TANK

(A)=VIO17-A P(US)
(B)=
(C)=

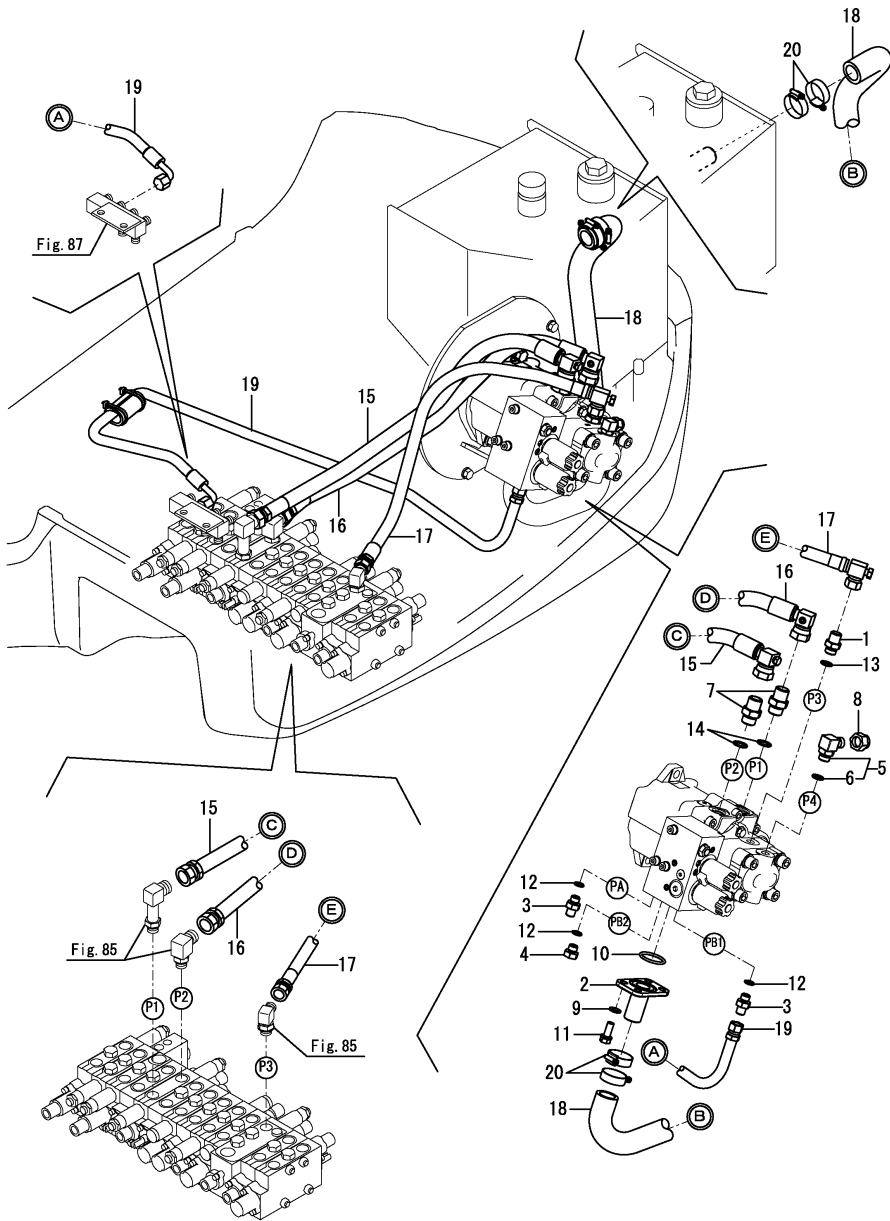
(D)=
(E)=
(F)=

RESERVOIR KIT
Fig. 76 Ref. No. 1
INC. Fig. 76 Ref. No. 2~16.
Fig. 83 Ref. No. 1~2, 4~6.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-08350	TANK KIT, RESERVOIR	1							1
2	2	172A64-73700	STRAINER	1							
3	2	172A64-73770	FILTER ASSY, RETURN	1							
4	3	172A64-73780	ELEMENT ASSY, FILTER	1							
5	2	24315-000440	O-RING 1B P-44.0	1							
7	2	172446-75250	CAP, RESERVER	1							
8	2	172447-75600	GAUGE ASSY	1							
9	3	172455-75290	BOLT	2							
10	3	172455-75300	O-RING	4							
13	2	172116-75850-B	PLUG, OIL FEED	1							
14	2	23491-140002	PLUG, 14	1							
15	2	24311-000160	O-RING, 1AP16.0	1							
16	2	24311-000380	O-RING, 1AP38.0	1							
16A	1	172437-03322	LABEL, RESEVOIR	1							2
17	1	26013-120252	BOLT, M12X 25	3							

Remarks
(1)Attach the No.16A label to this part.
(2)Not illustrated.



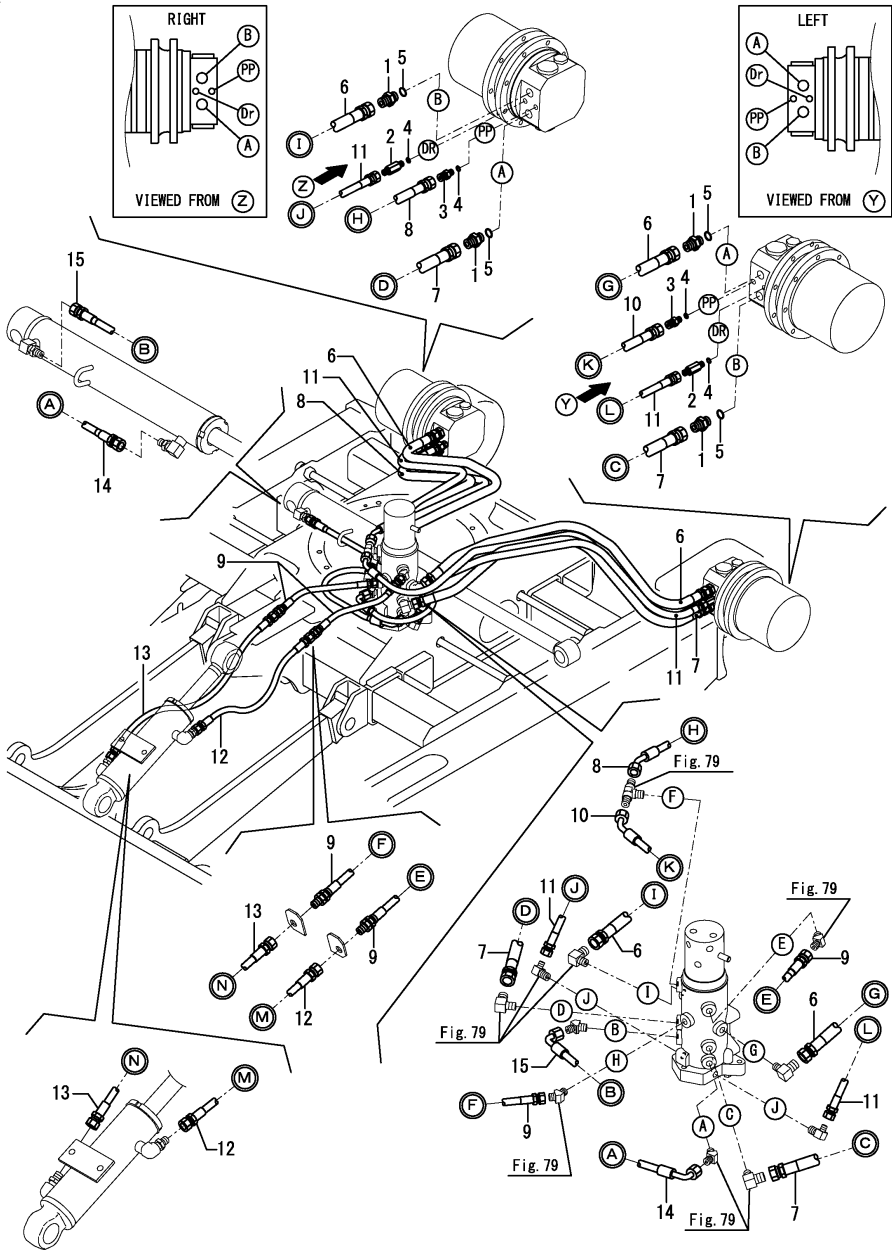
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	1							
2	1	172124-76100	FLANGE,PUMP INLET	1							
3	1	172123-76121	ADAPTER	2							
4	1	172165-76590	PLUG	1							
5	1	172141-76920	CONNECTOR ASSY	1							
6	2	24315-000140	O-RING, 1BP14.0	1							
7	1	172112-77361	CONNECTOR	2							
8	1	1E3030-78370	CAP, SCREW	1							
9	1	22117-100000	WASHER, 10	4							
10	1	24311-000350	O-RING, 1AP35.0	1							
11	1	26013-100252	BOLT, M10X 25	4							
12	1	41851-000110	O-RING	3							
13	1	41851-000140	O-RING	1							
14	1	41851-000180	O-RING	2							
15	1	172A64-78020	HOSE,H208BZ061S	1							
16	1	172A64-78030	HOSE,H208BZ063S	1							
17	1	172A64-78040	HOSE,H206BZ064S	1							
18	1	172A64-78110	HOSE,SUCTION	1							
19	1	172A64-78660	HOSE,H504BC135S	1							
20	1	23001-041000	CLAMP, HOSE 41	4							

Remarks
* Fitting(control valve) is shown in Fig.85.

Fig.78. TRAVEL FRAME



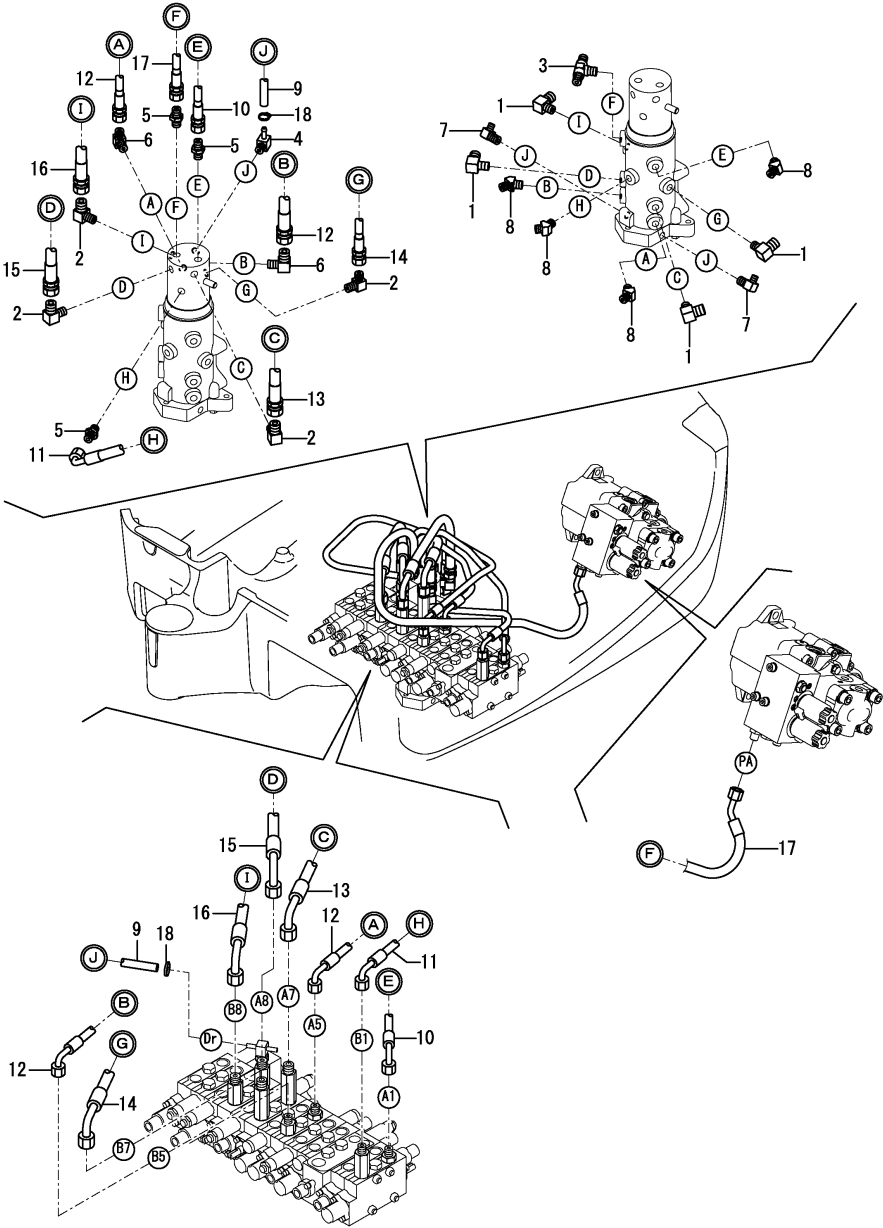
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	4							
2	1	172A64-76101	JOINT, G1/8-G1/8	2							
3	1	172447-76210	JOINT, G1/8-G1/4	2							
4	1	24315-000080	O-RING, 1BP8.0	4							
5	1	41851-000140	O-RING	4							
6	1	172A64-78441	HOSE	2							
7	1	172A64-78451	HOSE	2							
8	1	172A64-78460	HOSE	1							
9	1	172A64-78470	HOSE	2							
10	1	172A64-78482	HOSE	1							
11	1	172A64-78492	HOSE	2							
12	1	172A64-78501	HOSE	1							
13	1	172A64-78511	HOSE	1							
14	1	172A64-78520	HOSE	1							
15	1	172A64-78530	HOSE	1							

Remarks
* Fitting(swivel joint) is shown in Fig.79.

Fig.79. CONTROL VALVE - SWIVEL JOINT



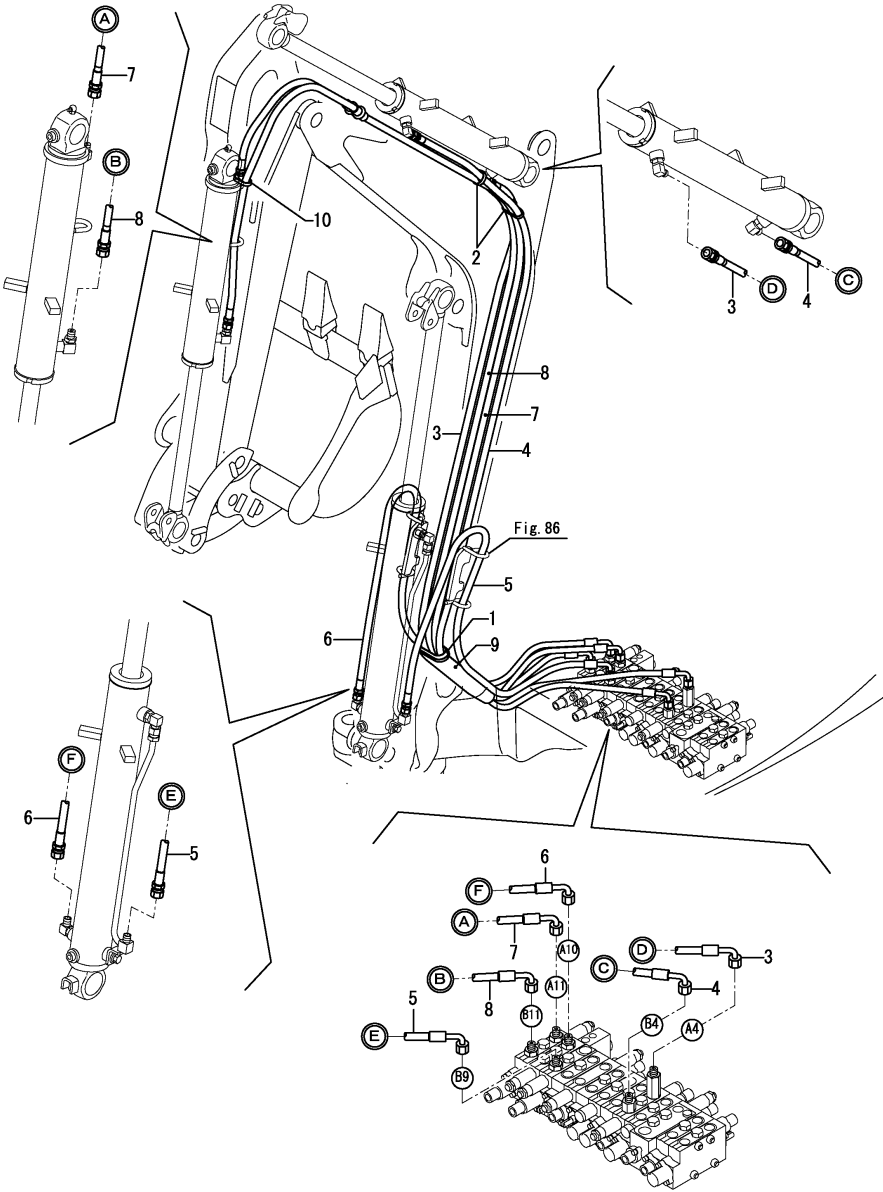
(A)=VIO17-A P(US)
(B)=
(C)=

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

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

Remarks
* Fitting(control valve) is shown in Fig.85.

Fig.80. CONTROL VALVE - BOOM



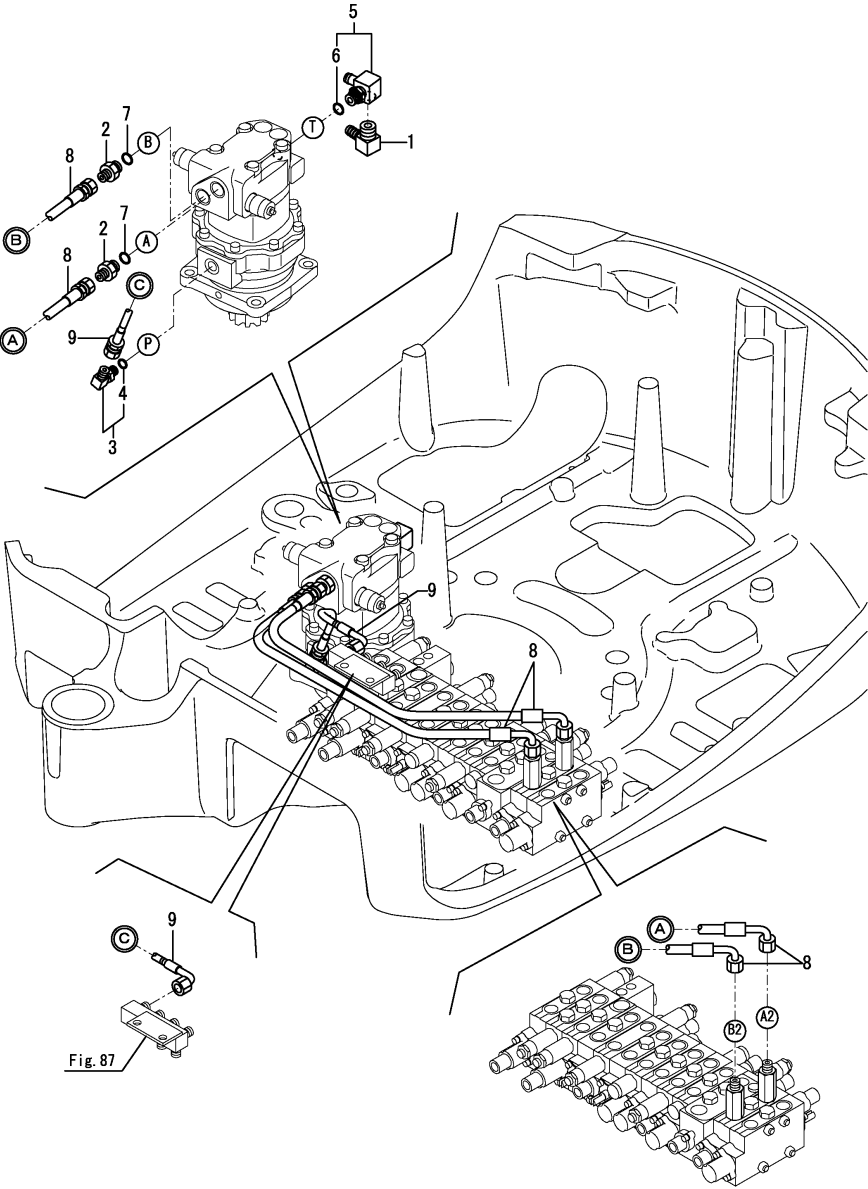
(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1							
2	1	194202-56460	BAND, 200	2							
3	1	172A64-78291	HOSE	1							
4	1	172A64-78301	HOSE	1							
5	1	172A64-78391	HOSE	1							
6	1	172A64-78401	HOSE	1							
7	1	172A64-78411	HOSE	1							
8	1	172A64-78421	HOSE	1							
9	1	172A64-78910	COVER, HOSE	1							
10	1	172122-79920	CLIP, HOSE	1							

Remarks
* Fitting(control valve) is shown in Fig.85.

Fig.81. CONTROL VALVE - TURNING MOTOR



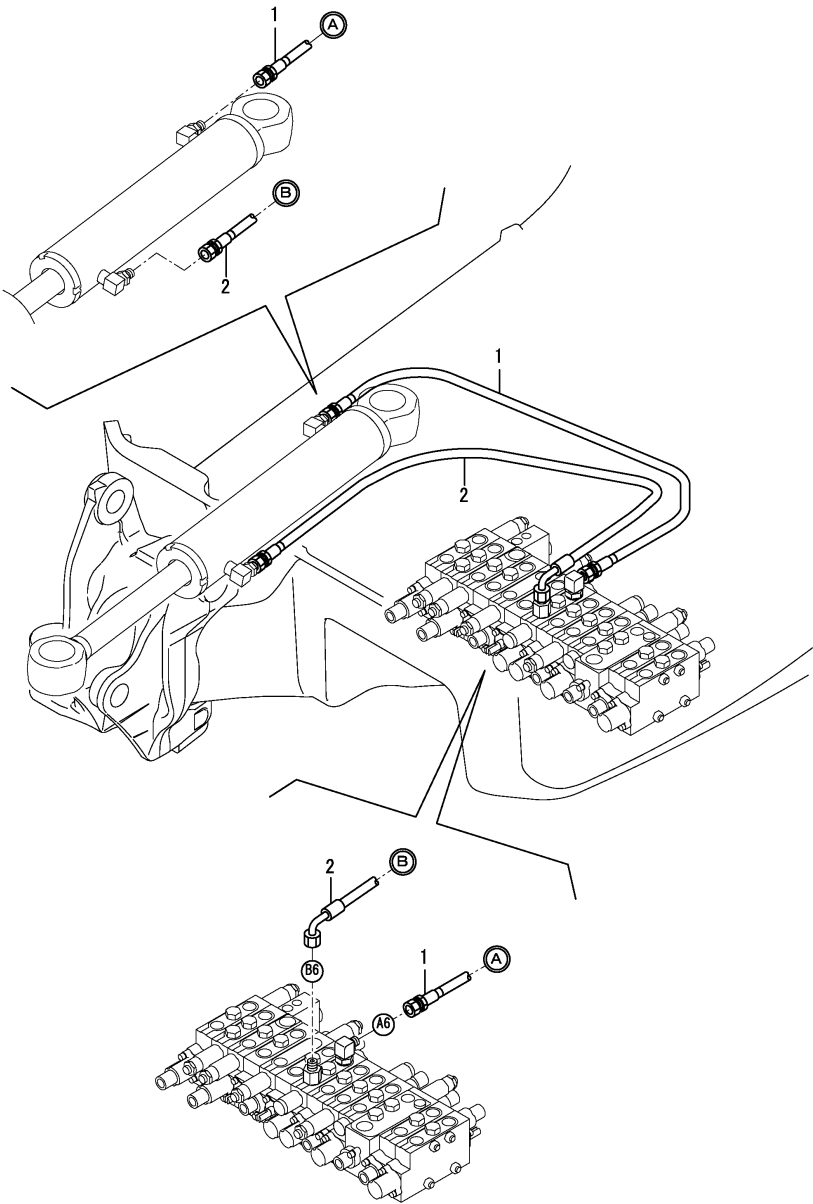
(A)=VIO17-A P(US)
(B)=
(C)=

(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							
2	1	172124-76160	CONNECTOR	2							
3	1	172141-76181	CONNECTOR ASSY, 02FF	1							
4	2	41851-000110	O-RING	1							
5	1	172487-76200	ELBOW	1							
6	2	24315-000140	O-RING, 1BP14.0	1							
7	1	41851-000140	O-RING	2							
8	1	172A64-78270	HOSE	2							
9	1	172A64-78651	HOSE	1							

Remarks
* Fitting(control valve) is shown in Fig.85.

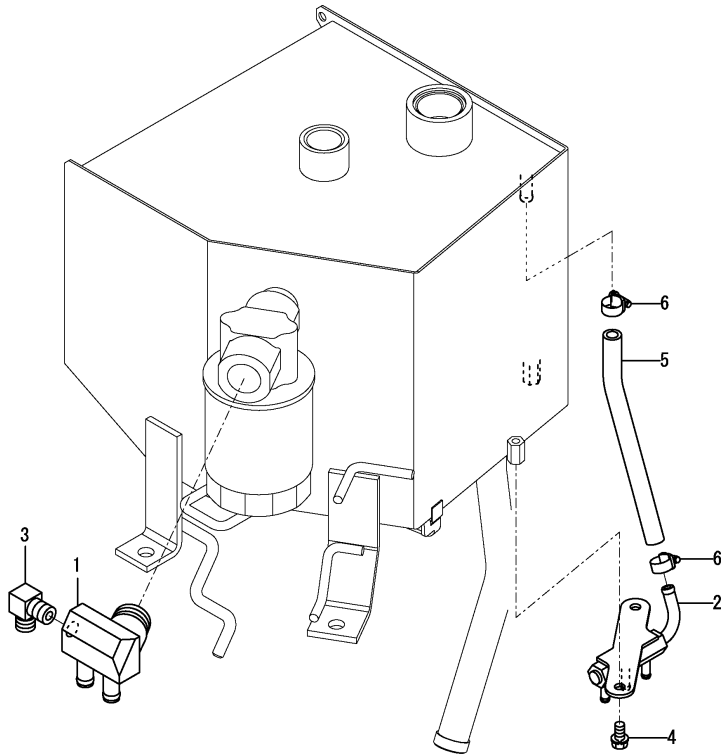
Fig.82. CONTROL VALVE - SWING CYLINDER



Remarks
* Fitting(control valve) is shown in Fig.85.

				0CK50-M00240 Fig.82								
				(A)=VIO17-A P(US)	(D)=							
				(B)=	(E)=							
				(C)=	(F)=							
				Q'ty								
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
1	1	172A64-78330	HOSE	1								
2	1	172A64-78340	HOSE	1								

Fig.83. RESERVOIR

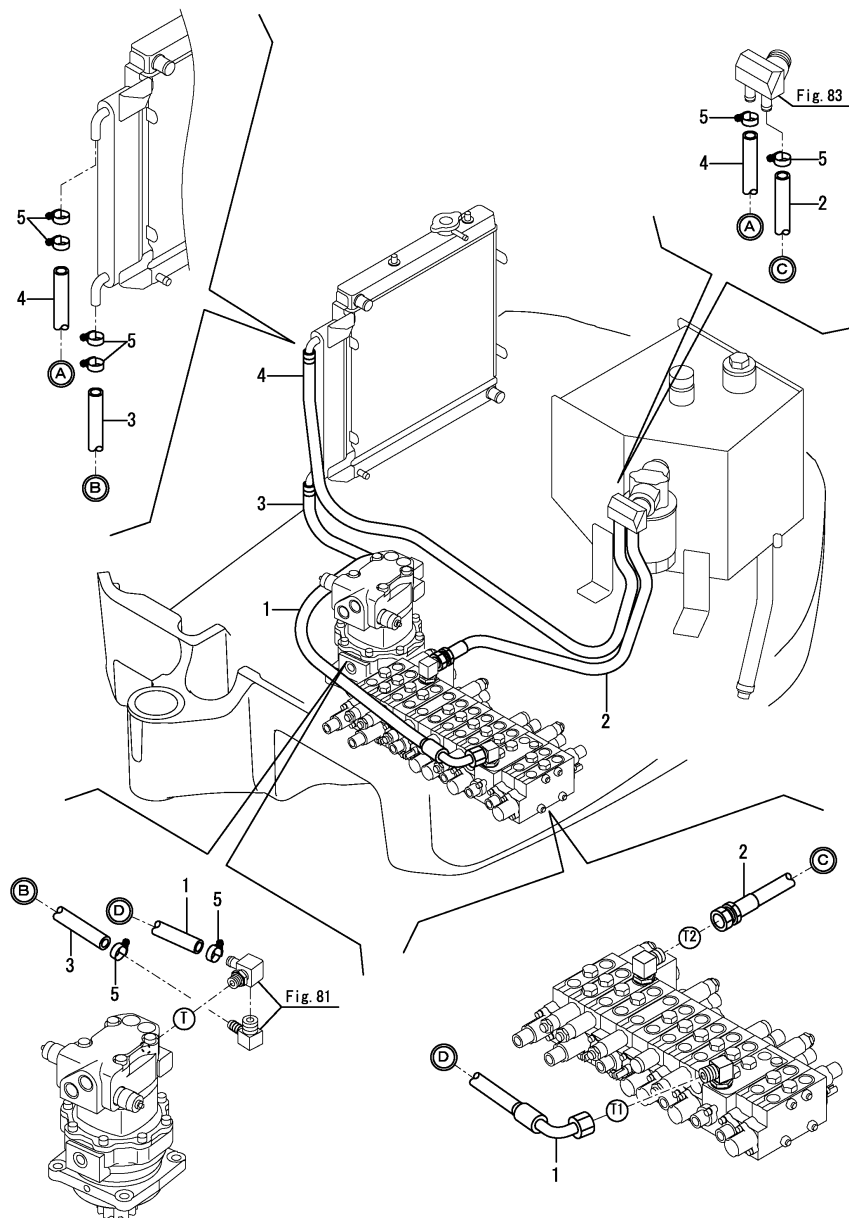


(A)=VIO17-A P(US)
(B)=
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-76120	JOINT	1							
2	1	172A64-76140	BLOCK, DRAIN	1							
3	1	23393-030000	JOINT, 90RGI-3/8	1							
4	1	26013-080202	BOLT, M8X 20	2							
5	1	172A64-78231	HOSE	1							
6	1	23001-016000	CLAMP, HOSE 16	2							

Remarks
* Reservoir kit is shown in Fig.76.

Fig.84. CONTROL VALVE - RETURN & DRAIN



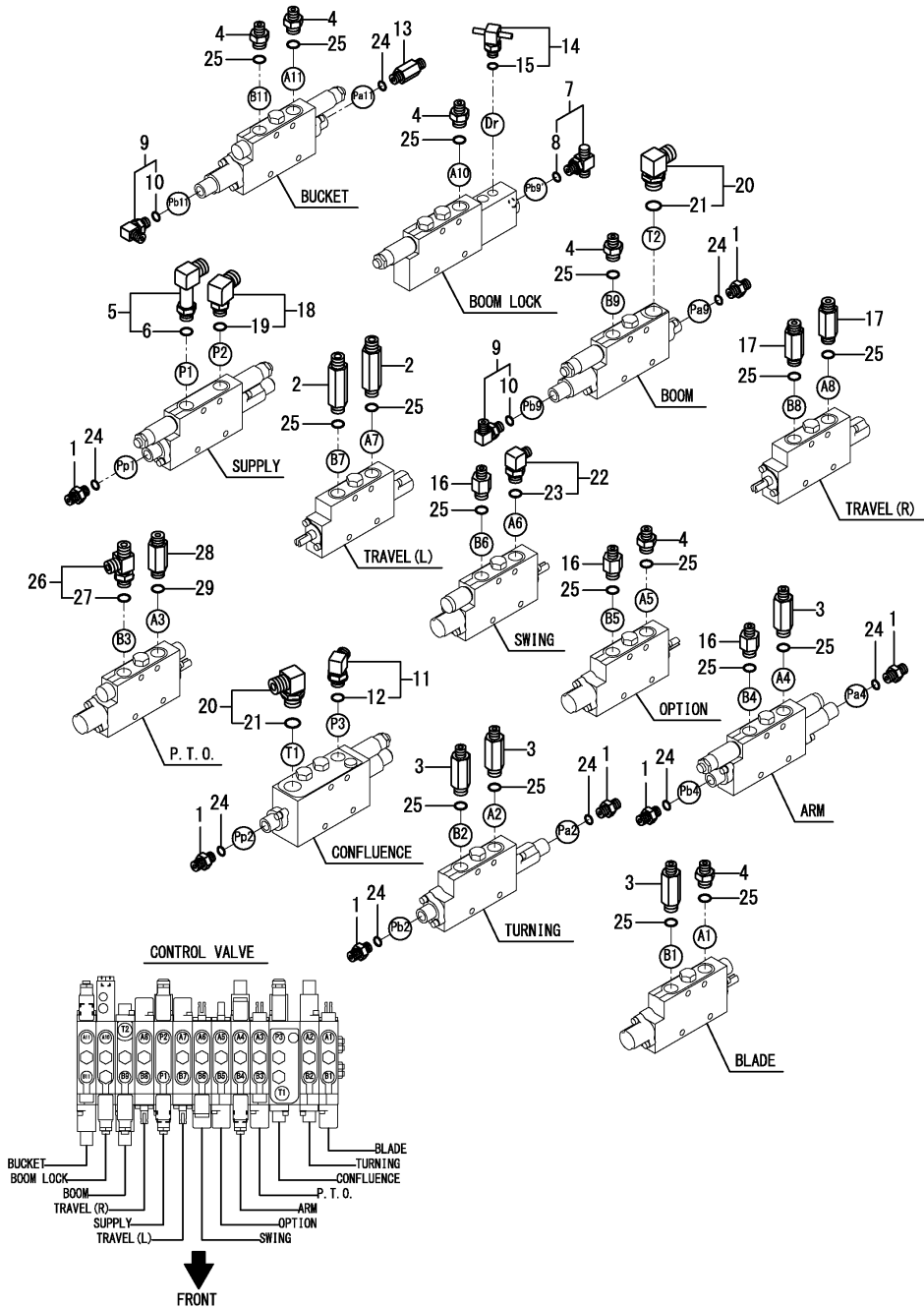
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-78161	HOSE	1							
2	1	172A64-78170	HOSE	1							
3	1	172A64-78191	HOSE	1							
4	1	172A64-78200	HOSE	1							
5	1	23001-019000	CLAMP, HOSE 19	8							

* Fitting(control valve) is shown in Fig.85.

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.85. CONTROL VALVE(FITTING)

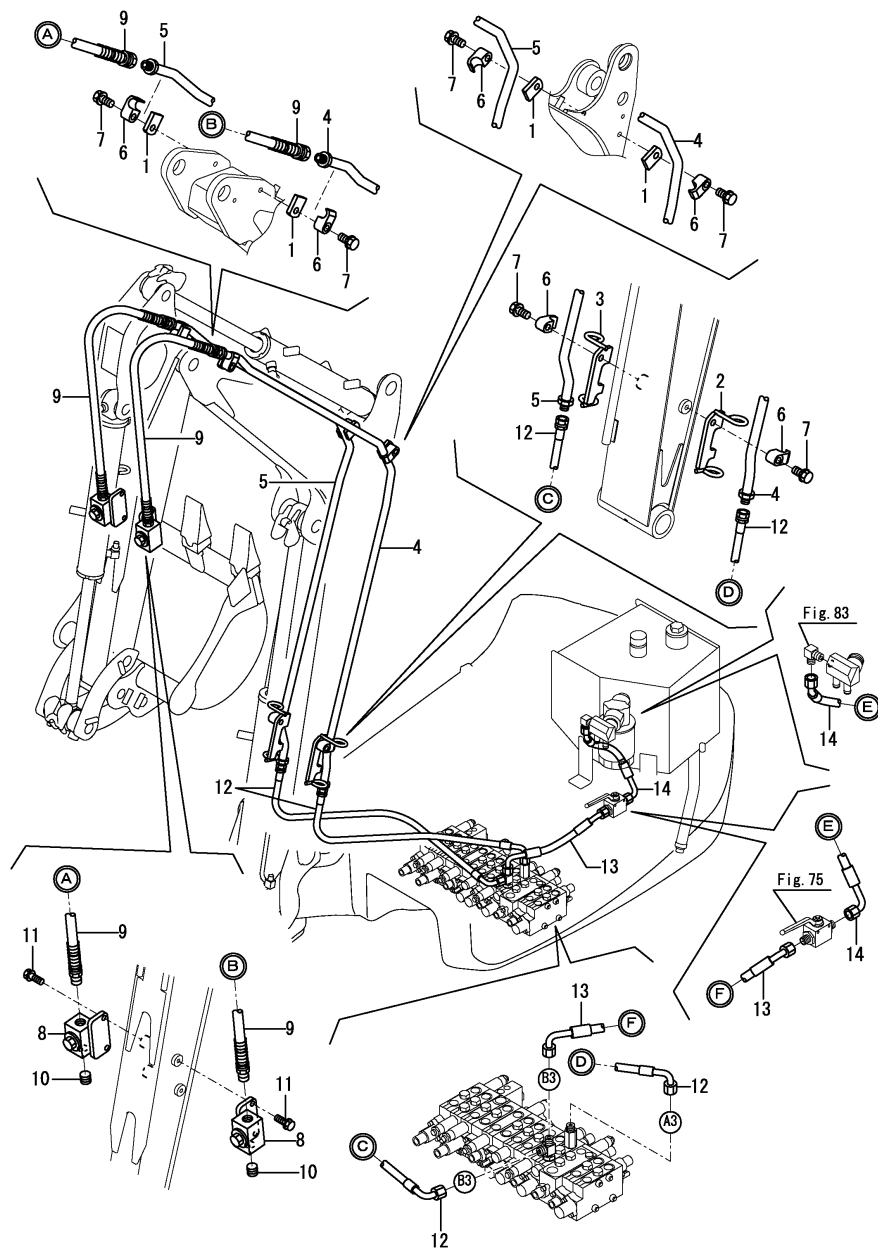


(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	7							
2	1	172162-76131	ADAPTER	2							
3	1	172422-76130	CONNECTOR, PF1/4-3/8	4							
4	1	172124-76160	CONNECTOR	6							
5	1	172A64-76160	ELBOW ASSY	1							
6	2	24315-000140	O-RING, 1BP14.0	1							
7	1	172187-76170	TEE, ADJUSTABLE	1							
8	2	24315-000110	O-RING, 1BP11.0	1							
9	1	172141-76181	CONNECTOR ASSY, 02FF	2							
10	2	41851-000110	O-RING	2							
11	1	172142-76181	JOINT ASSY	1							
12	2	24315-000140	O-RING, 1BP14.0	1							
13	1	172183-76200	CONNECTOR	1							
14	1	172A47-76230	NIPPLE, TEE	1							
15	2	41851-000110	O-RING	1							
16	1	172147-76260	CONNECTOR, 3/8X1/4	3							
17	1	172116-76381	ADAPTER, 64	2							
18	1	172645-76570	CONNECTOR ASSY	1							
19	2	24315-000140	O-RING, 1BP14.0	1							
20	1	172141-76900	CONNECTOR ASSY	2							
21	2	24315-000180	O-RING, 1BP18.0	2							
22	1	172141-76920	CONNECTOR ASSY	1							
23	2	24315-000140	O-RING, 1BP14.0	1							
24	1	41851-000110	O-RING	8							
25	1	41851-000140	O-RING	17							
26	1	172480-76120	TEE, ADJUSTABLE	1							
27	2	24315-000140	O-RING, 1BP14.0	1							
28	1	172116-76381	ADAPTER, 64	1							
29	1	41851-000140	O-RING	1							

Fig.86. P.T.O.



(A)=VIO17-A P(US)
(B)=
(C)=

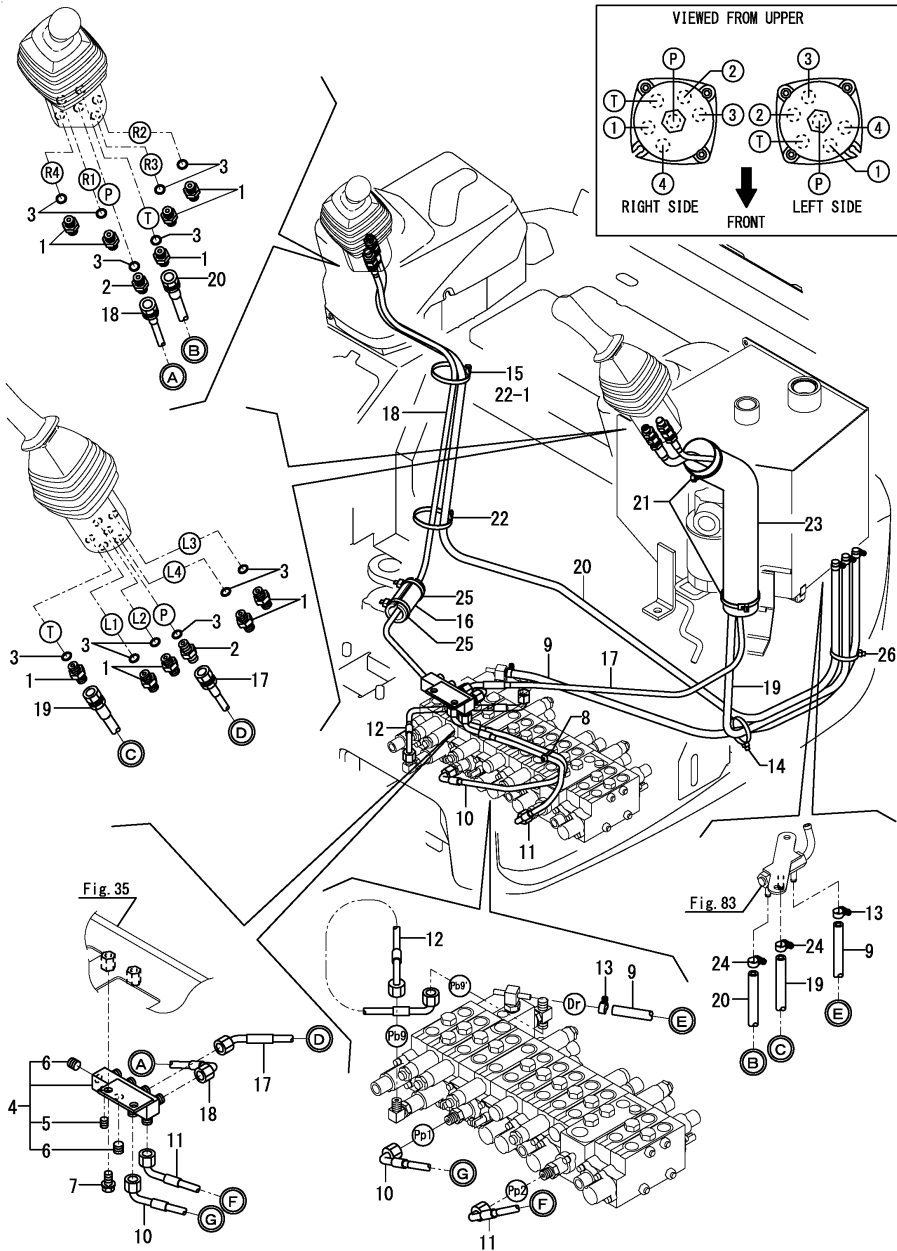
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-76250-Y	PLATE, SPACER	4							
2	1	172A64-76250	GUIDE ASSY, HOSE	1							
3	1	172A64-76260	GUIDE ASSY, HOSE	1							
4	1	172A64-76600-Y	TUBE ASSY, PTO	1							
5	1	172A64-76630-Y	TUBE ASSY, PTO	1							
6	1	172142-76950-Y	CLAMP, 1/2	6							
7	1	26013-120502	BOLT, M12X 50	6							
8	1	172183-74822-Y	VALVE, STOP	2							
9	1	172A64-78590	HOSE	2							
10	1	23871-040000	PLUG, R04	2							
11	1	26013-100252	BOLT, M10X 25	4							
12	1	172A64-78552	HOSE H206BC115K	2							
13	1	172A64-78570	HOSE	1							
14	1	172A64-78580	HOSE	1							

Remarks

* Fitting(control valve) is shown in Fig.85.

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

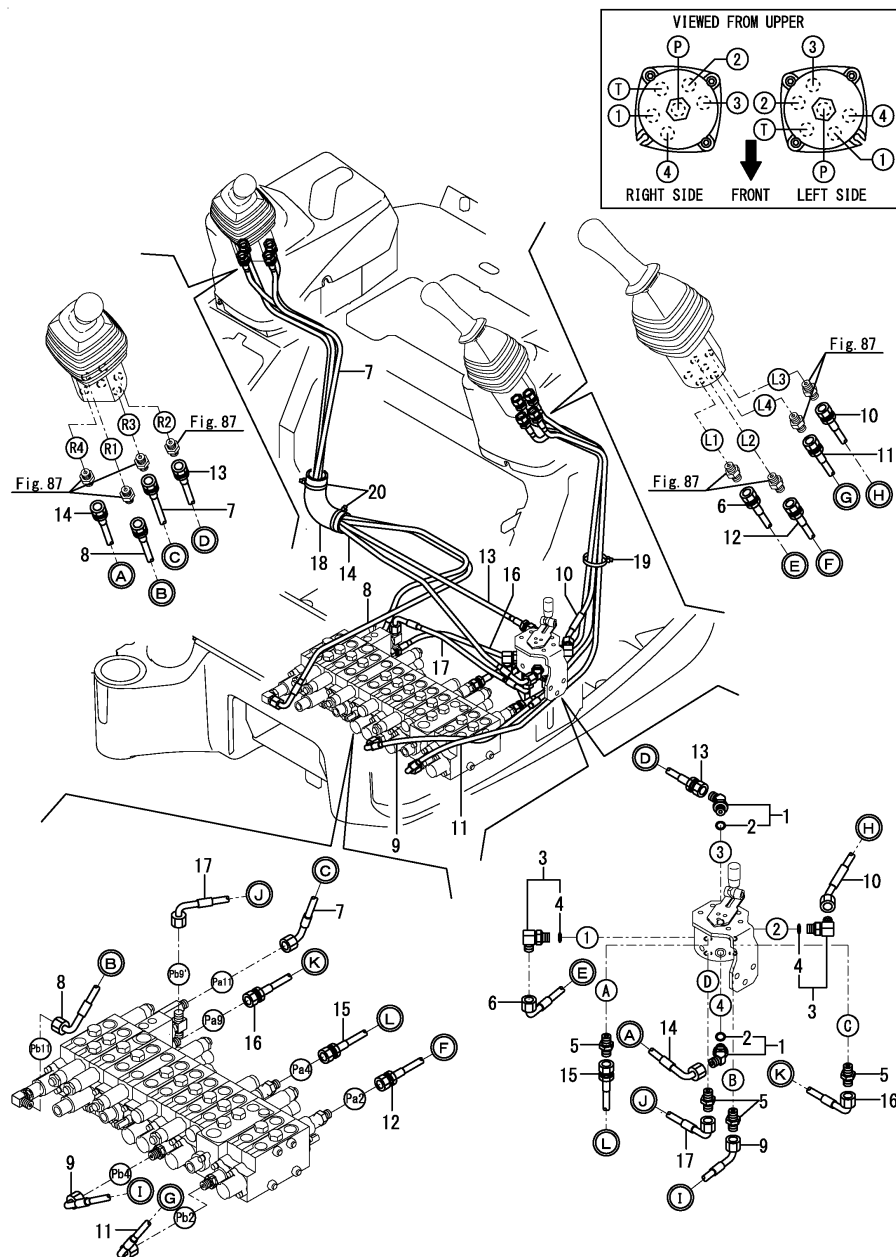


(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	10							
2	1	172455-76220	CONNECTOR	2							
3	1	41851-000110	O-RING	12							
4	1	172A47-76310	BLOCK, PILOT	1							
5	2	23871-010000	PLUG, R01	1							
6	2	23871-020000	PLUG, R02	2							
7	1	26013-100162	BOLT, SPRING M10X 16	2							
8	1	172614-16520	BAND 100	1							
9	1	172A64-78221	HOSE	1							
10	1	172A64-78630	HOSE	1							
11	1	172A64-78640	HOSE	1							
12	1	172A64-78700	HOSE	1							
13	1	23000-013000	CLAMP, 13	2							
14	1	172614-16520	BAND 100	1							Z
(A=*2016.01.)											
15	1	194202-56460	BAND, 200	1							Z
(A=*2016.01.)											
16	1	172A46-78500	HOSE	1							
17	1	172A64-78671	HOSE	1							
18	1	172A64-78681	HOSE	1							
19	1	172A64-78721	HOSE	1							
20	1	172A64-78730	HOSE	1							
21	1	172122-79930	CLAMP, HOSE	2							
22	1	172122-79930	CLAMP, HOSE	1							
22-1	1	172122-79930	CLAMP, HOSE	2							K
(A=*2016.01.)											
23	1	172137-79950	COVER, HOSE	1							
24	1	23000-013000	CLAMP, 13	2							
25	1	933168-55770	BAND	2							
26	1	172126-11510	BAND	1							W
(A=*2016.01.)											

Remarks
* Fitting(control valve) is shown in Fig.85.

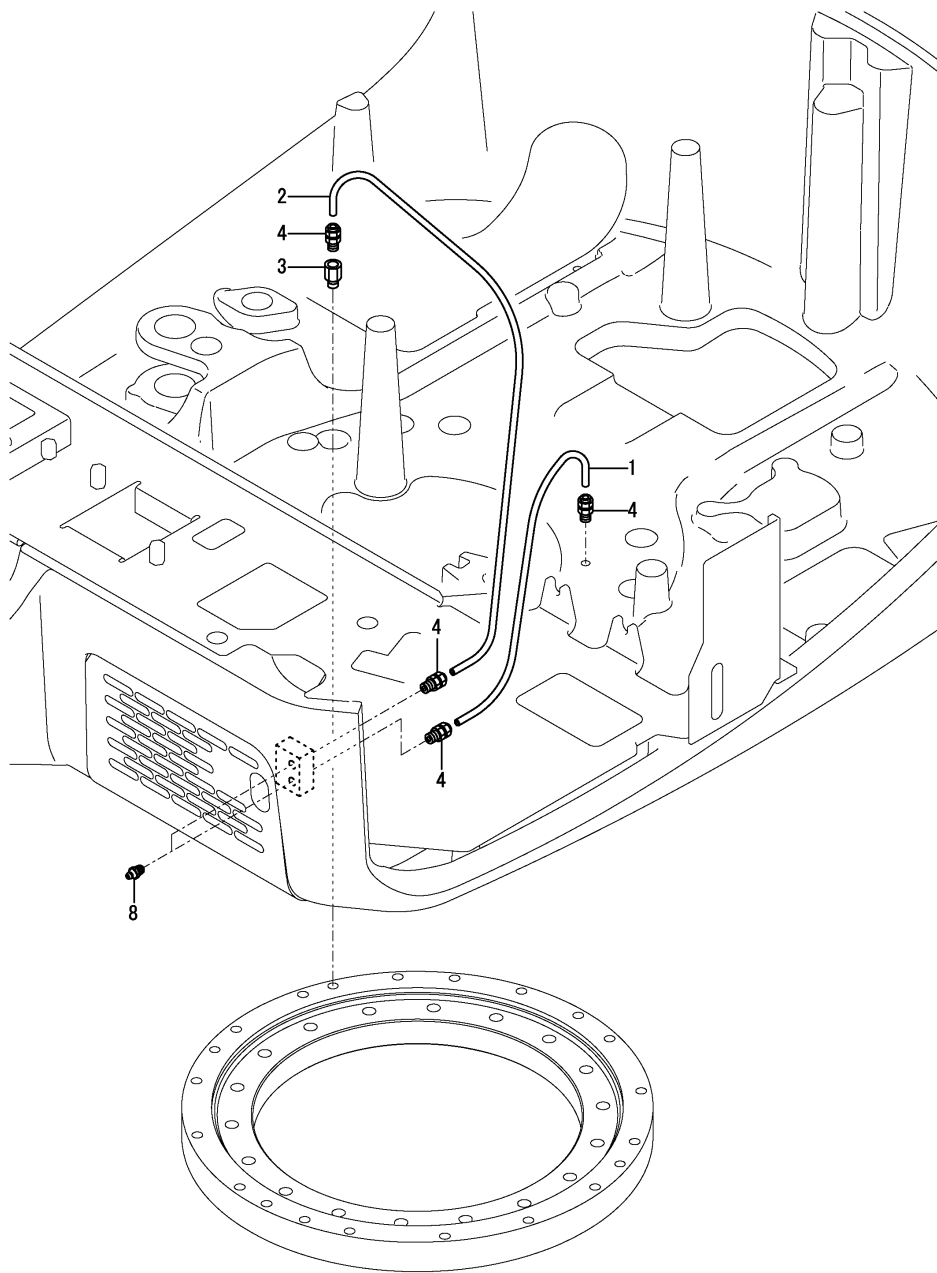


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-76102	CONNECTOR ASSY	2							
2	2	41851-000110	O-RING	2							
3	1	172141-76181	CONNECTOR ASSY, 02FF	2							
4	2	41851-000110	O-RING	2							
5	1	23391-020000	JOINT, RGI-1/4	4							
6	1	172A64-78761	HOSE	1							
7	1	172A64-78810	HOSE	1							
8	1	172A64-78821	HOSE	1							
9	1	172A64-78830	HOSE	1							
10	1	172A64-79111	HOSE	1							
11	1	172A64-79130	HOSE	1							
12	1	172A64-79140	HOSE	1							
13	1	172A64-79150	HOSE	1							
14	1	172A64-79160	HOSE	1							
15	1	172A64-79180	HOSE	1							
16	1	172A64-79191	HOSE	1							
17	1	172A64-79200	HOSE	1							
18	1	172A64-78920	COVER,HOSE B	1							W
(A=MA0537)											
19	1	172126-11510	BAND	5							W
(A=*2016.01.)											
20	1	933168-55770	BAND	2							W
(A=*2016.01.)											

* Fitting(control valve) is shown in Fig.85.

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.89. GREASING

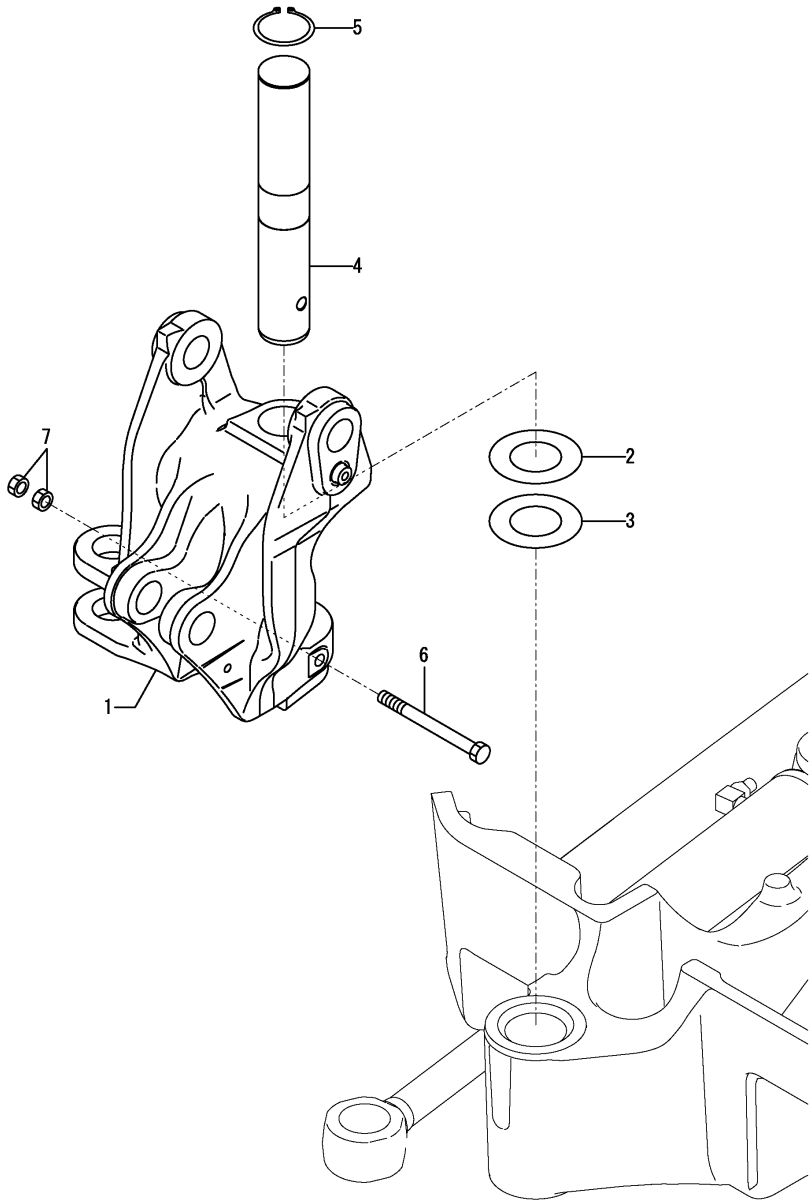


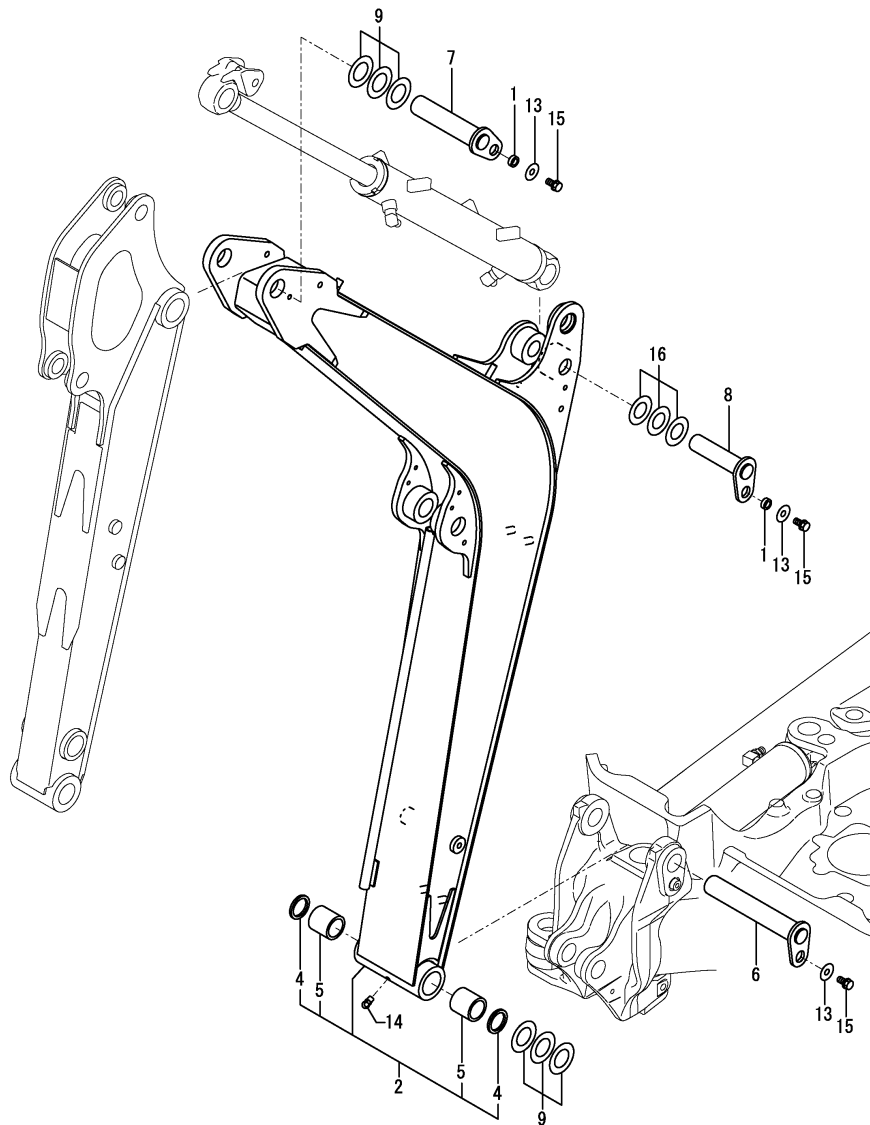
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A47-77800	HOSE	1							
2	1	172A64-77800	HOSE	1							
3	1	172312-77820	FITTING, GREASE	1							
4	1	172A47-77820	JOINT, GREASE	4							
8	1	24761-020000	NIPPLE, GREASE PT1/8	2							

(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82302-Y	BRACKET,BOOM	1							
2	1	172165-82520	SHIM	1							
3	1	172165-82530	SHIM	1							
4	1	172A64-82641	PIN, 50X312 CMP	1							
5	1	22242-000500	RING, 50	1							
6	1	26116-121302	BOLT, M12X130 PLATED	1							
7	1	26756-120002	NUT, LOCK M12	2							



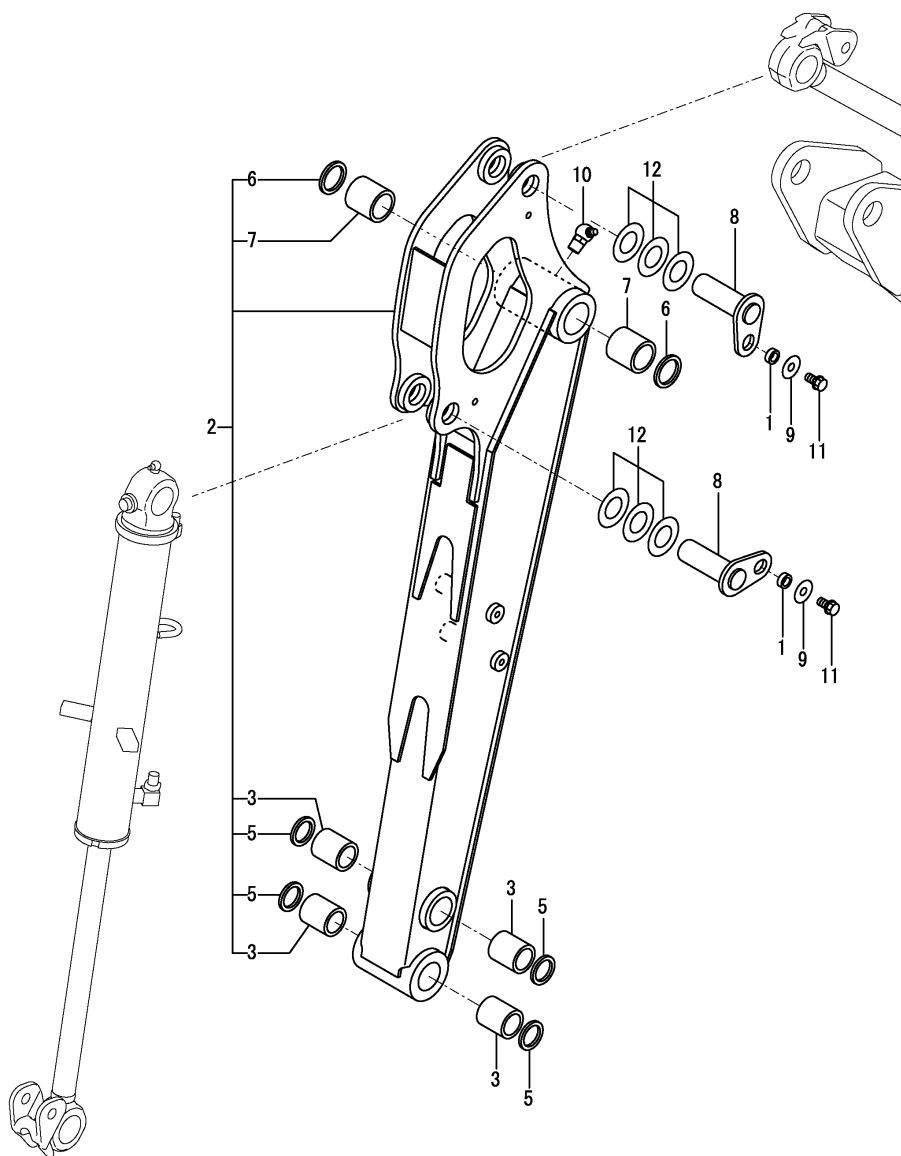


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172010-01640	SPACER	2							
2	1	172A64-81100-Y	BOOM ASSY	1							1
4	2	172448-81610	SEAL, DUST 35X45X4	2							
5	2	172141-82270	BUSH 35 45	2							
5A	1	172437-03461	LABEL, BOOM	2							2
6	1	172A64-82601	PIN ASSY, 35X237	1							
7	1	172A64-82730	PIN ASSY, 35X155	1							
8	1	172A64-82790	PIN ASSY, 30X121	1							
9	1	172141-84601	SHIM	2							
13	1	22157-100000	WASHER, 10	3							
14	1	24761-050000	NIPPLE, GREASE C	1							
15	1	26013-100252	BOLT, M10X 25	3							
16	1	933160-06711	SHIM ASSY	1							

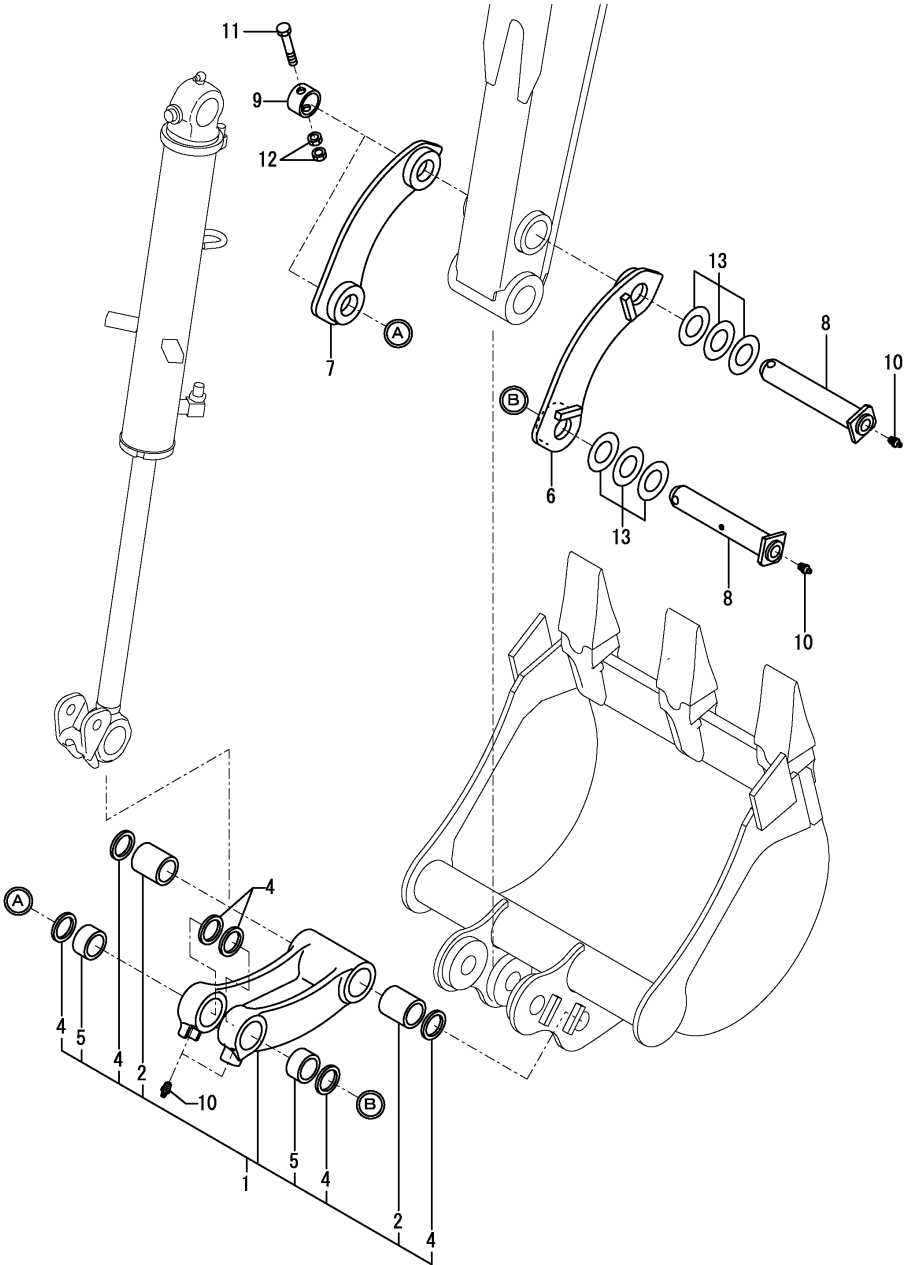
(1) Attach the No.5A label to this part.
(2) Not illustrated.

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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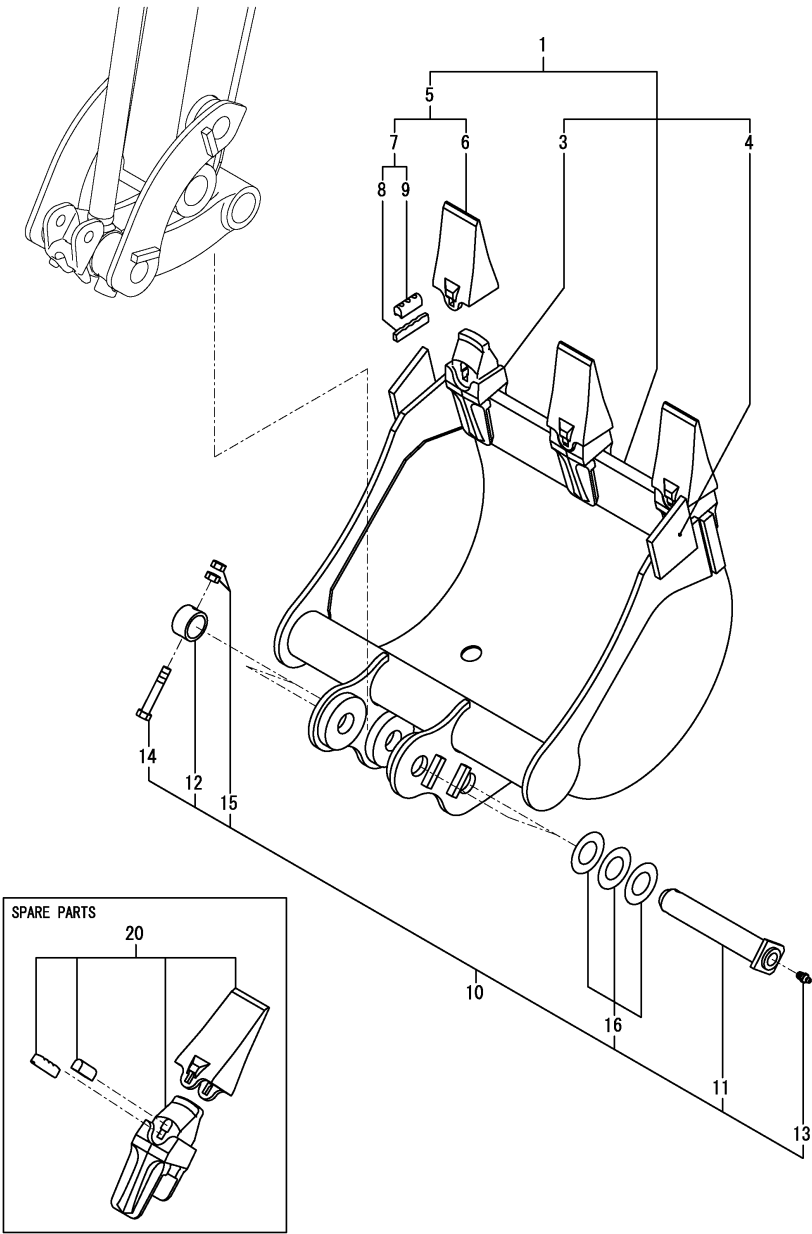
Fig.92. ARM



No.	Lev.	Parts No.	Description	(A)=VIO17-A P(US)		(D)=		(E)=		I	R
				(B)=	(C)=	(C)	(D)	(E)	(F)=		
1	1	172010-01640	SPACER			2					
2	1	172A64-81500-Y	ARM ASSY, 950			1					
3	2	172137-81300	BUSH 30X45, PIN			4					
5	2	172448-81600	SEAL, DUST 30X40X4			4					
6	2	172448-81610	SEAL, DUST 35X45X4			2					
7	2	172141-82270	BUSH 35 45			2					
8	1	172A64-82820	PIN ASSY,30X87			2					
9	1	22157-100000	WASHER, 10			2					
10	1	24761-040000	NIPPLE, GREASE B			1					
11	1	26013-100252	BOLT, M10X 25			2					
12	1	933160-06711	SHIM ASSY			2					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-81380-Y	LINK ASSY,BUCKET	1							
2	2	172137-81300	BUSH 30X45, PIN	2							
4	2	172448-81600	SEAL, DUST 30X40X4	6							
5	2	172137-84451	BUSH	2							
6	1	172A64-81411-Y	ARM ASSY, BUCKET	1							
7	1	172A64-81441-Y	ARM ASSY, BUCKET	1							
8	1	172A64-82850	PIN ASSY,30X159	2							
9	1	172A64-82880	COLLAR	2							
10	1	24761-020000	NIPPLE, GREASE PT1/8	4							
11	1	26116-100552	BOLT, M10X 55 PLATED	2							
12	1	26716-100002	NUT, M10	4							
13	1	933160-06711	SHIM ASSY	2							

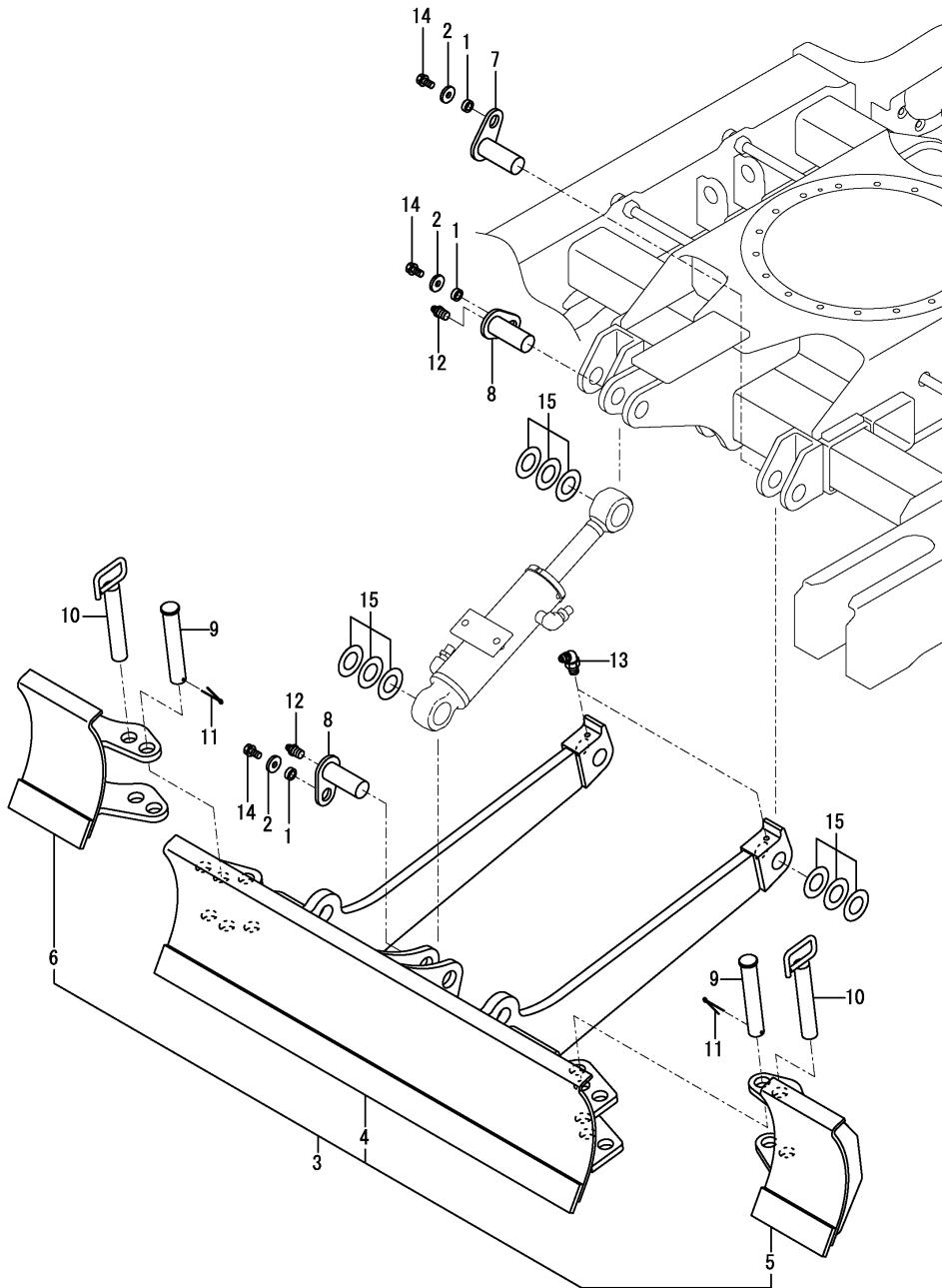


(A)=VIO17-A P(US)
(B)=
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82400-2	BUCKET ASSY, 450S	1							
3	3	172448-82530	ADAPTER	3							
4	3	172137-86240	CUTTER, SIDE	2							
5	2	172448-82950	TOOTH KIT, POINT	3							
6	3	172448-82570	TOOTH, POINT	3							
7	3	172448-82960	PIN ASSY, LOCK	3							
8	4	172448-82580	PIN, LOCK	3							
9	4	172448-82590	RUBBER, PIN	3							
10	1	172A55-99451	PIN ASSY	2							
11	2	172A64-82850	PIN ASSY,30X159	2							
12	2	172A64-82880	COLLAR	2							
13	2	24761-020000	NIPPLE, GREASE PT1/8	2							
14	2	26116-100552	BOLT, M10X 55 PLATED	2							
15	2	26716-100002	NUT, M10	4							
16	2	933160-06711	SHIM ASSY	2							
20	1	772448-82530	TOOTH ASSY	3							1

Remarks
(1)Spare parts.



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172010-01640	SPACER	4							
2	1	172110-36010	COLLAR	4							
3	1	172A64-94050	BLADE, ASSY	1							
4	2	172A64-94101	BLADE,ASSY (GRAY:49)	1							
5	2	172A64-94250	BLADE ASSY, SIDE	1							
6	2	172A64-94260	BLADE ASSY, SIDE	1							
7	1	172A64-94350	PIN ASSY,30X76 A	2							
8	1	172A64-94370	PIN ASSY,30X76 B	2							
9	1	172448-94700	PIN 25X143	2							
10	1	172448-94710	PIN 25	2							
11	1	22417-400400	PIN, COTTER 4.0X40	2							
12	1	24761-020000	NIPPLE, GREASE PT1/8	2							
13	1	24761-040000	NIPPLE, GREASE B	2							
14	1	26013-100252	BOLT, M10X 25	4							
15	1	933160-06711	SHIM ASSY	4							

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	11	21
102103-55520	11	5
		16
104200-55321	11	12
104200-55330	11	2
		13
104200-55341	11	14
104200-55750	11	9
		22
105027-12580	5	5
105425-01690	7	1
110250-55610	11	6
		17
114110-07761	3	28
119247-77100	14	16
119258-12530	5	2
119650-77911	14	19
119653-77711	14	18
119655-12560	5	4
119808-12540	5	3
119810-55340	11	3
119810-55650	11	8
119813-44510	8	33
119833-55621	10	15
	11	1
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