

0CK10-M37902EN

P R E F A C E

1. This Parts Catalog carries Yanmar crawler back-hoe Vio15-2.

2. Parts catalog history

	Parts catalog NO.	Published	Remarks
1st edition	000Y00K3790	Oct., 2001	Disuse old edition
1st revised	000Y00K3791	Apr., 2003	Disuse old edition
2nd revised	000Y00K3792	Nov., 2005	

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio15-2 (JP)	20501~	2001/8~
	(B)	Vio15-2 (EX)		
II (Engine)	(A)	3TNE68-EBVA	78115~	2001/7~

(Note) JP:Japan EX:export except U. S. A. & Australia.

4. 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.

Directions for the Parts Catalog.

1. The parts stipulated in this Parts Catalog are not necessarily standard equipped parts.
2. Parts may change without prior notice.
3. The following is an example of the Parts Catalog format.

OCF10-G21601		29. FUEL INJECTION PUMP(W/BOOST)									
REF.	LEV.	PARTS NO.	DESCRIPTION	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1			
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N	1
		(A=E00185) (B=E00200)									
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9			
3-1	2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K	
		(A=E00156) (B=E00156) (C=E00156) (D=E00156) (E=E00156)									
4	2	129470-51040	CAMSHAFT	1	1	1	1	1			
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2			
6	2	129470-51060	RETAINER	1	1	1	1	1			

Remarks

(1) BOOST COMPENSATOR TYPE. OPTIONAL PART, TO E00155, (4JH-DT, 4JH-DTZ)

① Ref. No.

The Ref. No. listed may not be in accordance with the illustration Ref. No.

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

For interchangeable symbols N, R and K, illustrations for new parts may be abbreviated.

② Lev. (Level)

Level indication

The numbers below indicate the level of relativity towards the main part.

1 ----- Main parts (Assembly parts)

2 ----- Sub component included in " 1 ".

3 ----- Sub component included in " 2 ".

Note) Parts that are not for sale are partially illustrated but not listed.

③ Interchangeability Mark

When a part change takes place, one of the following interchangeability symbols is indicated beside the part.

Symbol	Interchangeability	Contents note
N	Old $\xrightarrow{\text{Yes}}$ New No	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No	New/ Old Parts are both not interchangeable.
W		Part newly added.
Z		Part discontinued.
F		Not interchangeable by a single part but interchangeable together with related parts.
K		Changes only for used parts quantities.

④ Effective Machine No.

When a part changes, the effective Machine No. will be indicated in the (A)-(F) column.

Product Symbol	Product No.	Product Symbol	Product No.
C	Clutch No. Compressor No.	F	Machine No. (Agricultural Equip.)
D	Drive No.	M	Machine No.
E	Engine No.		

Note 1) A date may follow the symbol. (Ex.) 1996.01

Note 2) "XXXXX" and "ZZZZZ" are for parts that could not be predicted or for engine models that could not be identified.

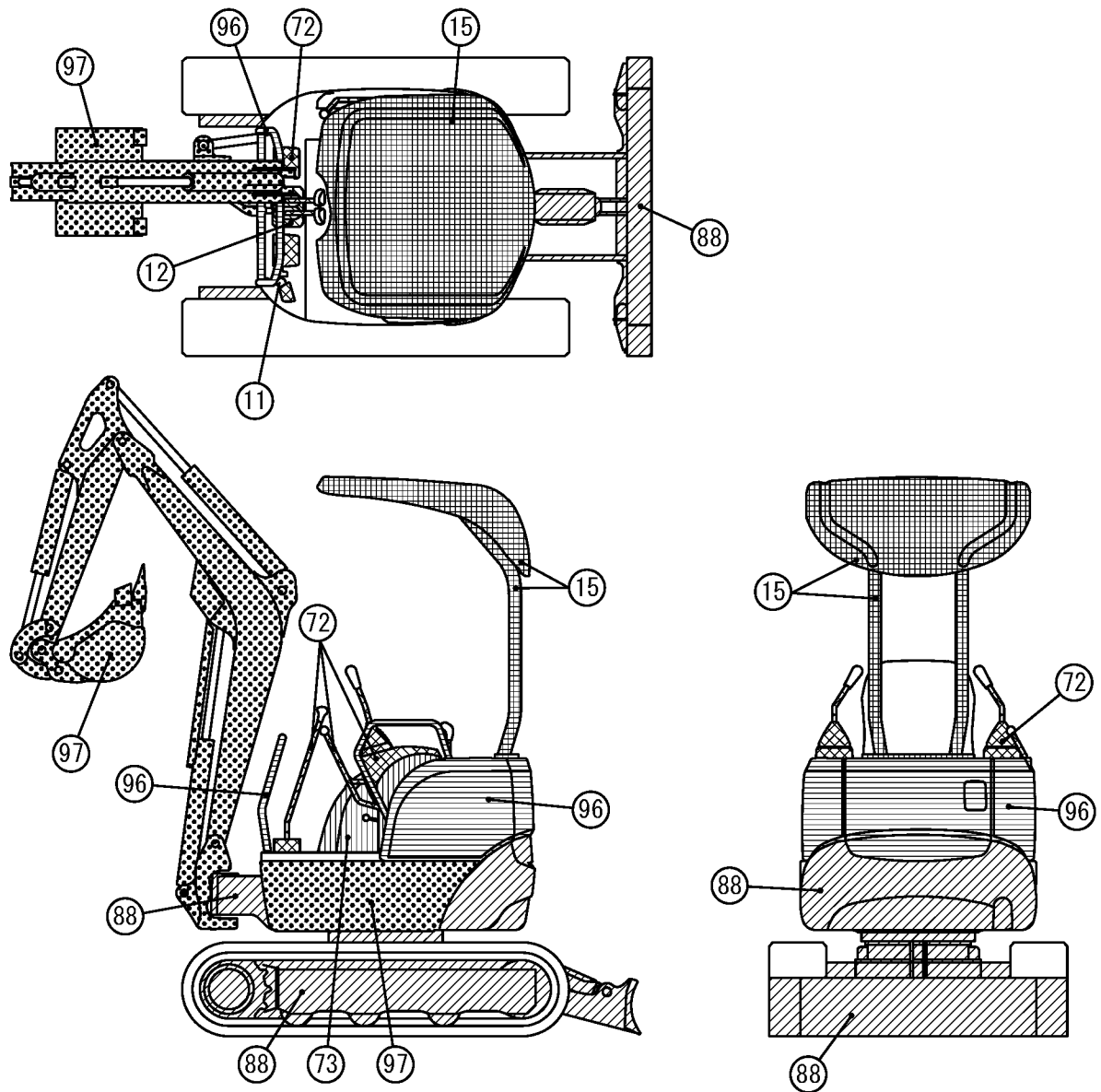
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

Figures or alphabets (symbols) are entered in the remarks column.

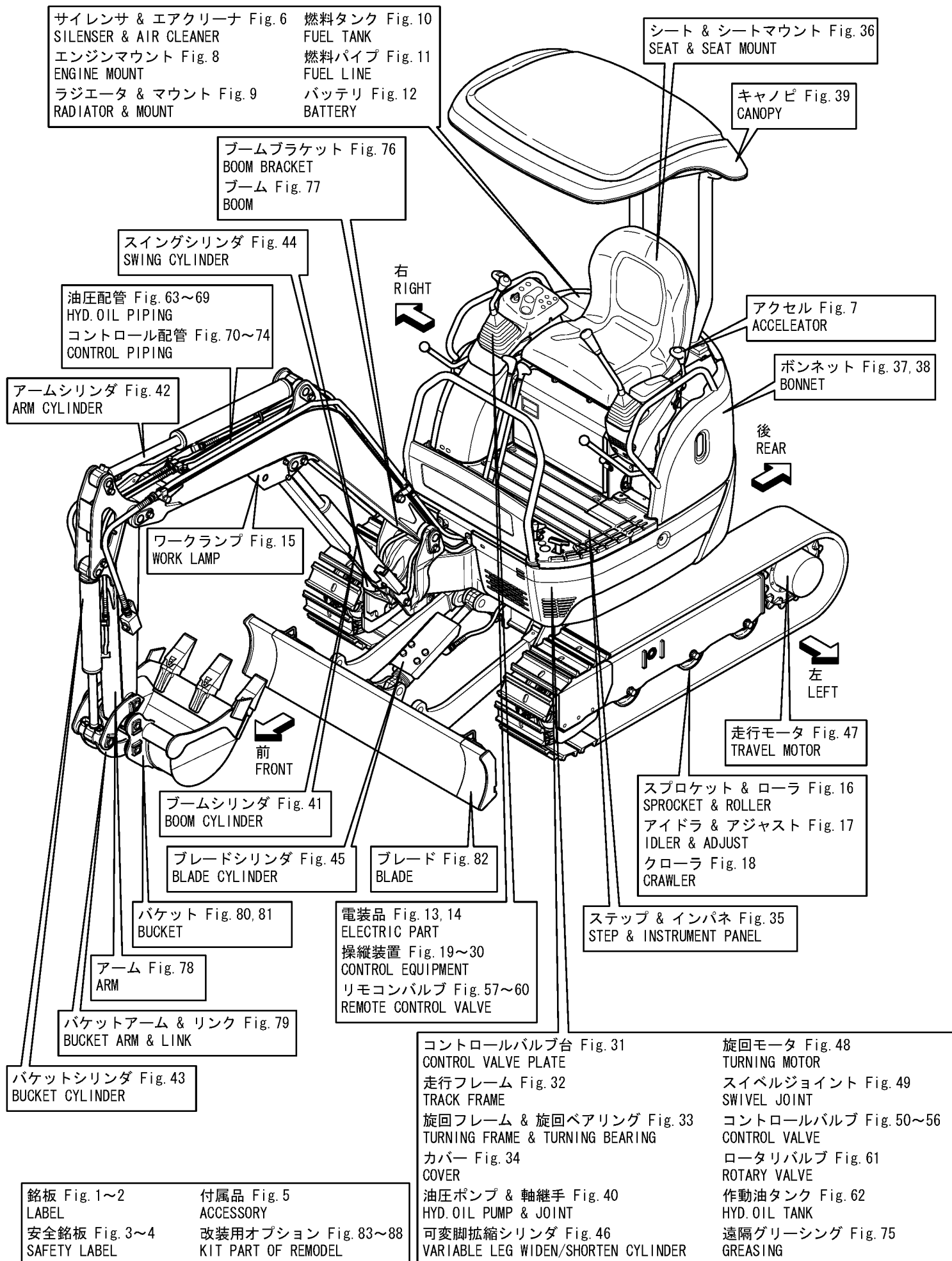
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

本機塗装色 VEHICLE PAINTED COLOR

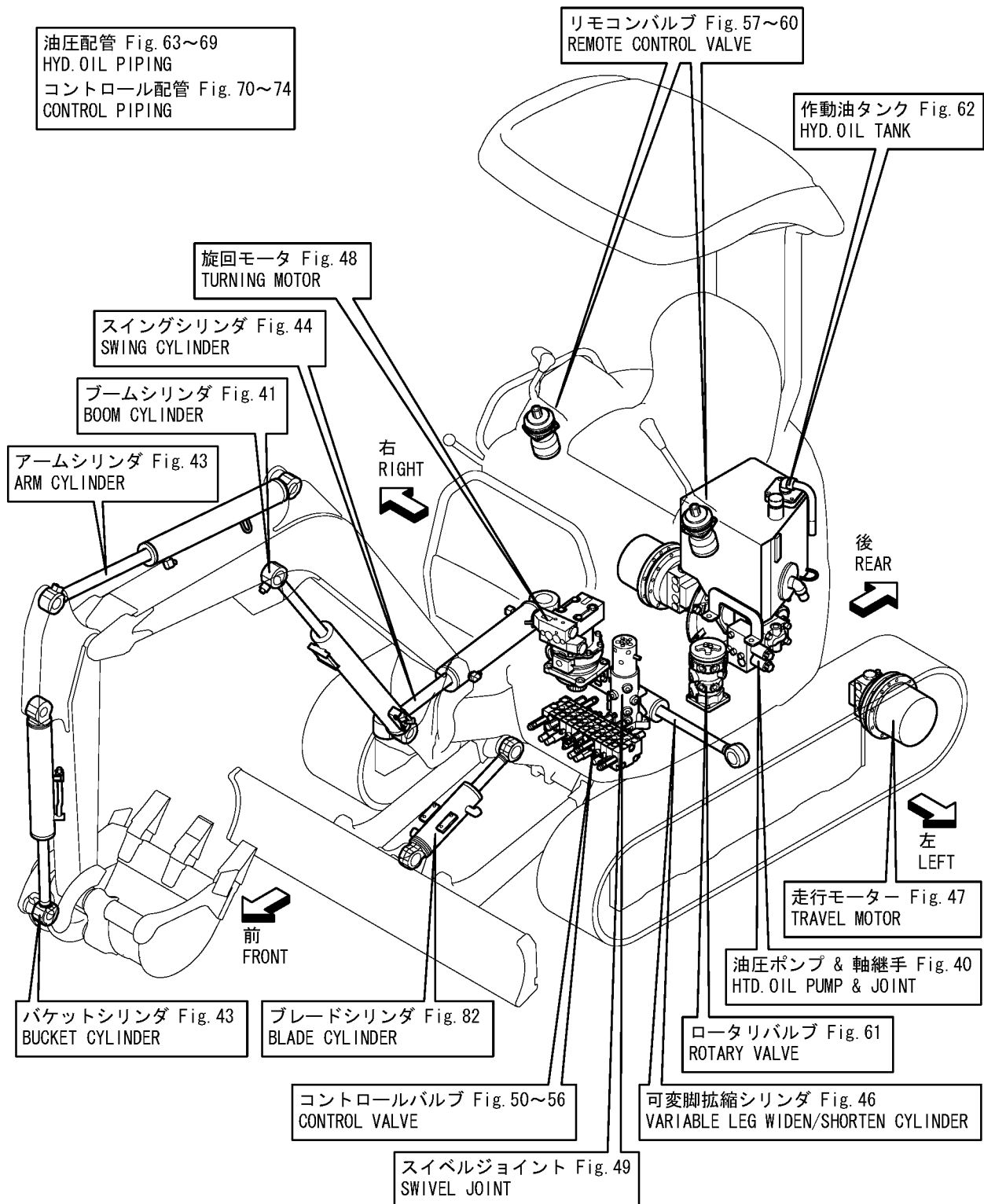


色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	マンセル記号 Munsell No.	塗料部品番号 (Paint Part No.)		
				16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
⑧⑧		ヤンマー新ディープグリーン YANMAR New Deep Green	0. 6B2. 2/4. 2	981101-09588	977620-40880	977620-30881
⑨⑦		ヤンマーピーコックグリーン YANMAR Peacock Green	3. 85B65. 31/9. 15	981101-09597	977620-40970	977620-30971
⑨⑥		ヤンマーシトラスグリーン YANMAR Citrus Green	4. 84GY8. 42/6. 99	981101-09599	977620-40990	977620-30991
⑦②		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	5. 39Y2. 92/0. 78	-----	977620-40720	TOR-90460003
⑮⑤		ナチュラルホワイト Natural White	1. 38GY7. 15/0. 48	-----	-----	977620-30301
⑦③		ヤンマーワームグレー YANMAR Warm Gray	7Y5. 3/0. 8	-----	-----	TOR-90450003
⑫②		ヤンマーブラック YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
⑪①		ヤンマーレッド YANMAR Black	7. 5R4/14	-----	977620-40010	TOR-90000003

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7. ACCELERATOR
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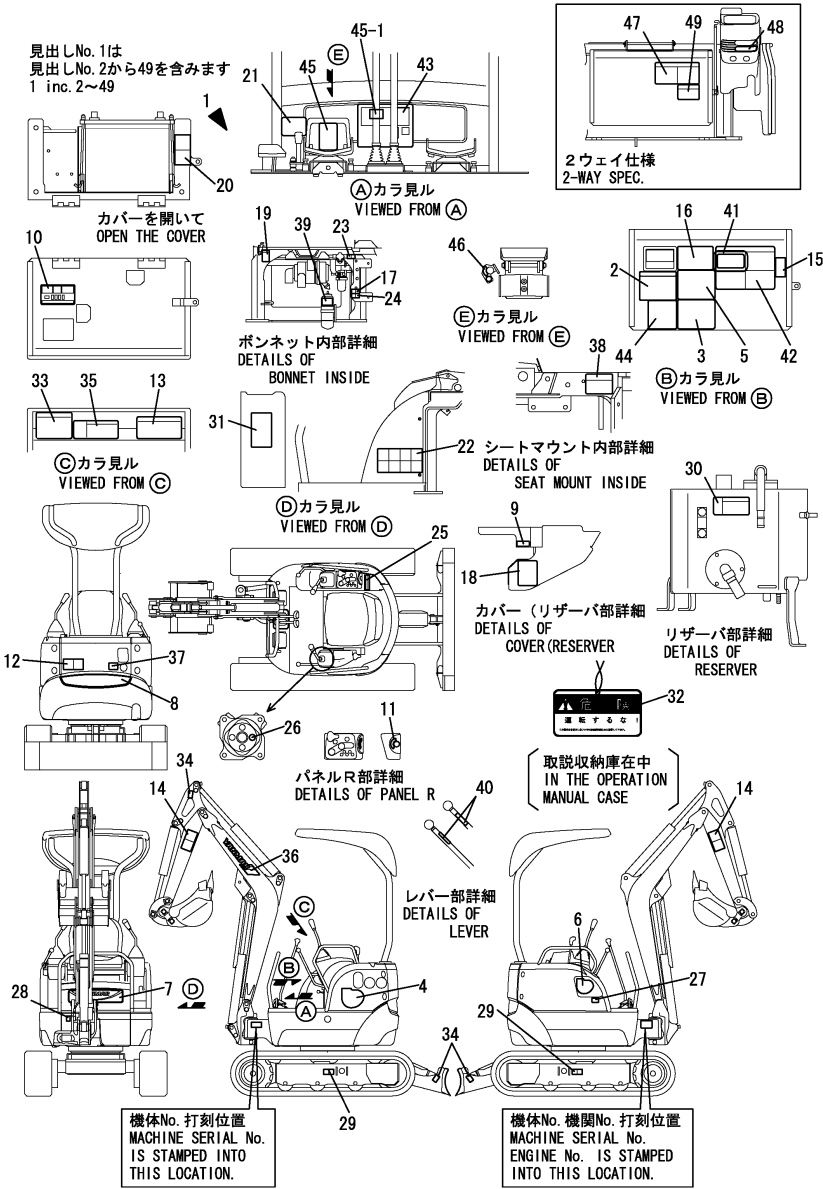
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Fig.1. LABEL(JP)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



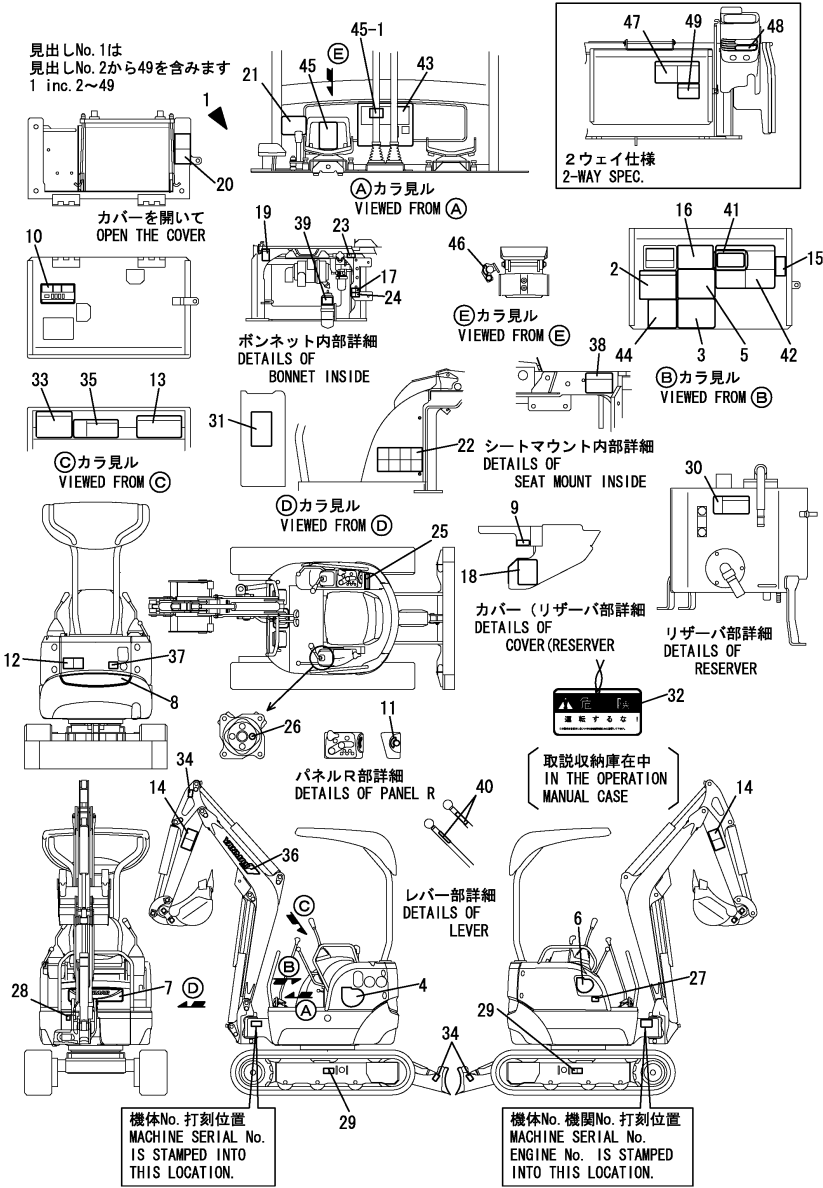
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-03100	LABEL SET,VIO15-2	1							
1-1	1	772448-03101	LABEL SET,VIO15-2	1							N
(A=M/#20941)											
2	2	172448-03110	LABEL,SPECIFICATION	1							
2-1	2	172448-03111	LABEL	1							N
(A=M/#20941)											
2-2	2	172448-03112	LABEL, SPECIFICATION	1							N
(A=M/#26480)											
3	2	172448-03120	LABEL,OIL&WATER	1							
4	2	172448-03130	LABEL,MODEL L	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172448-03140	LABEL,MODEL R	1							
7	2	172458-03140	LABEL, FRONT	1							
8	2	172448-03150	LABEL,REAR	1							
9	2	172519-03151	LABEL,ACCELERATOR	1							
9-1	2	172519-03150	LABEL, ACCEL	1							N
(A=M/#20501)											
10	2	172448-03160	LABEL,FUSE	1							
11	2	172157-03170	LABEL, KEY SWITCH	1							
12	2	172444-03170	LABEL	1							
13	2	172448-03170	LABEL,WARNING V.LEG	1							
14	2	172444-03180	LABEL	2							
14-1	2	172444-03181	LABEL	2							R
(A=M/#25741)											
15	2	172448-03180	LABEL,W/S OPERATION	1							
16	2	172458-03181	LABEL, LIFTING	1							
17	2	172448-03190	LABEL,FAN	1							
18	2	172458-03190	LABEL,OILING	1							
19	2	172141-03202	LABEL,CAUTION	1							
20	2	172450-03200	LABEL,BATTERY	1							
21	2	172147-03210	LABEL,2 SPEED	1							Z
(A=M/#21434)											
22	2	172444-03210	LABEL	1							
23	2	172446-03210	LABEL,BURN	1							
24	2	172446-03220	LABEL,BELT	1							
25	2	172444-03240	LABEL	1							
26	2	172173-03250	LABEL	1							
27	2	172183-03250	LABEL,FUEL	1							
28	2	172444-03250	LABEL	1							
29	2	172444-03280	LABEL	2							
30	2	172142-03302	LABEL,CAUTION	1							
31	2	172964-03370	LABEL	1							
32	2	172964-03481	TAG ASSY, CAUTION	1							
33	2	172164-03510	LABEL,LOADING	1							
34	2	172437-03510	LABEL,HOOK	3							
35	2	172164-03540	LABEL	1							
36	2	172519-03680	LABEL,BRAND	1							
37	2	172519-04180	LABEL,WARNING	1							
38	2	172519-04290	LABEL,WARNING	1							
39	2	121470-44540	LABEL, SUB-TANK	1							
40	2	172183-03280	LABEL,LOCK	2							

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.
(3)P.T.O. SPEC.
(4)2-WAY SPEC.

Fig.1. LABEL(JP)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

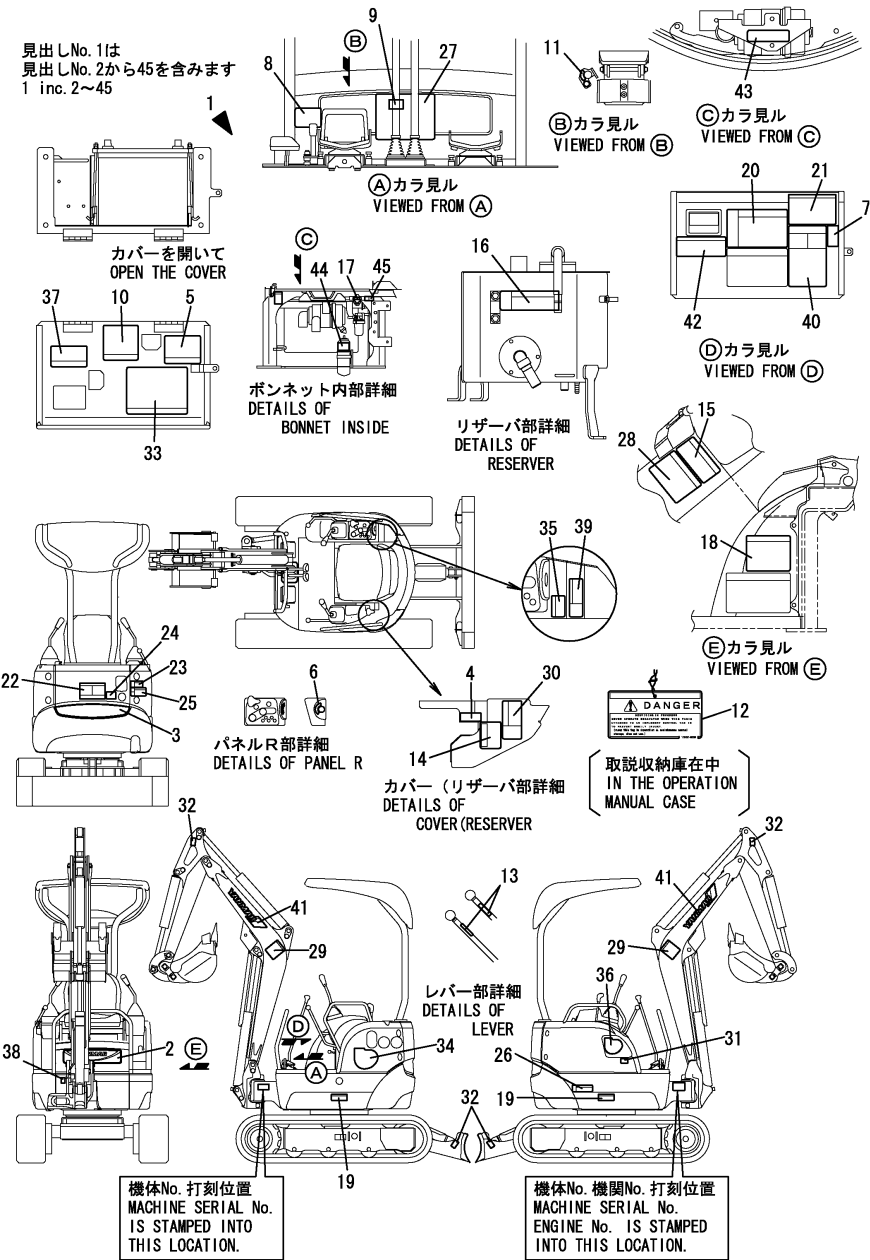
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41	2	172444-03290	MAGNET	1							1
42	2	172151-03551	LABEL	1							1
43	2	172151-03540	LABEL,PATTERN A	1							
43-1	2	172490-03200	LABEL	1							N
(A=M/#21434)											
44	2	172165-03240	LABEL	1							2
45	2	172165-03231	LABEL, P.T.O.	1							3
45-1	2	172496-03250	LABEL, P.T.O.	1							N
(A=M/#21434)											
46	2	172458-03240	LABEL,LOCK	1							3
47	1	172458-03550	LABEL	1							4
48	1	172458-03560	LABEL	1							4
49	1	172458-03570	LABEL	1							4

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.
(3)P.T.O. SPEC.
(4)2-WAY SPEC.

Fig.2. LABEL(EX)

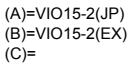


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-03120	LABEL SET,VIO15-2 EX		1						
2	2	172458-03140	LABEL, FRONT		1						
3	2	172448-03150	LABEL,REAR		1						
4	2	172519-03150	LABEL, ACCEL		1						
5	2	172472-03160	LABEL,GREASE		1						
6	2	172157-03170	LABEL, KEY SWITCH		1						
7	2	172448-03180	LABEL,W/S OPERATION		1						
8	2	172147-03210	LABEL,2 SPEED		1						Z
(B=M/#21434)											
9	2	172496-03250	LABEL, P.T.O.		1						1
10	2	172437-03241	LABEL,CRAWLER		1						
11	2	172458-03240	LABEL,LOCK		1						1
12	2	172437-03250	TAG ASSY, CAUTION		1						
13	2	172183-03280	LABEL,LOCK		2						
14	2	172463-03290	LABEL,HYD.OIL US		1						
15	2	172437-03310	LABEL,SLOPE		1						
16	2	172437-03320	LABEL,HYD.OIL TANK		1						
16-1	2	172437-03321	LABEL,HYD.OIL TANK		1						R
(B=M/#21339)											
17	2	172462-03320	LABEL		1						
18	2	172437-03340	LABEL,TRANSPORT		1						
18-1	2	172437-03341	LABEL,TRANSPORT		1						R
(B=M/#21339)											
19	2	172437-03351	LABEL,GREASE CYL.		2						
20	2	172437-03360	LABEL,BATTERY		1						
21	2	172437-03371	LABEL		1						
22	2	172437-03380	LABEL,SWING AREA		1						
23	2	172437-03390	LABEL,RADIATOR		1						
24	2	172437-03400	LABEL,ENG.HOOD		1						
25	2	172437-03410	LABEL,ENG.ROOM		1						
26	2	172437-03421	LABEL,MUFFLER		1						
27	2	172490-03200	LABEL		1						
28	2	172437-03431	LABEL,STEERING		1						
29	2	172437-03460	LABEL, BOOM		2						
30	2	172437-03470	LABEL,LEVER LOCK		1						
31	2	172437-03500	LABEL,FUEL		1						
32	2	172437-03510	LABEL,HOOK		4						
33	2	172448-03510	LABEL,OIL&WATER		1						
34	2	172448-03520	LABEL,VIO15 L		1						
34-1	2	172448-03521	LABEL, MODEL L US		1						N
(B=M/#26296)											
35	2	172437-03530	LABEL,RE-START		1						
36	2	172448-03530	LABEL,VIO15 R		1						
36-1	2	172448-03531	LABEL, MODEL R US		1						N
(B=M/#26296)											
37	2	172448-03540	LABEL,FUSE		1						
38	2	172448-03590	LABEL,GREASE		1						
39	2	172448-03600	LABEL,MANUAL US		1						
40	2	172446-03651	LABEL,VARIABLE US		1						
41	2	172519-03680	LABEL,BRAND		2						
42	2	172448-03701	LABEL,SPECIFICATION		1						

Fig.2. LABEL(EX)



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

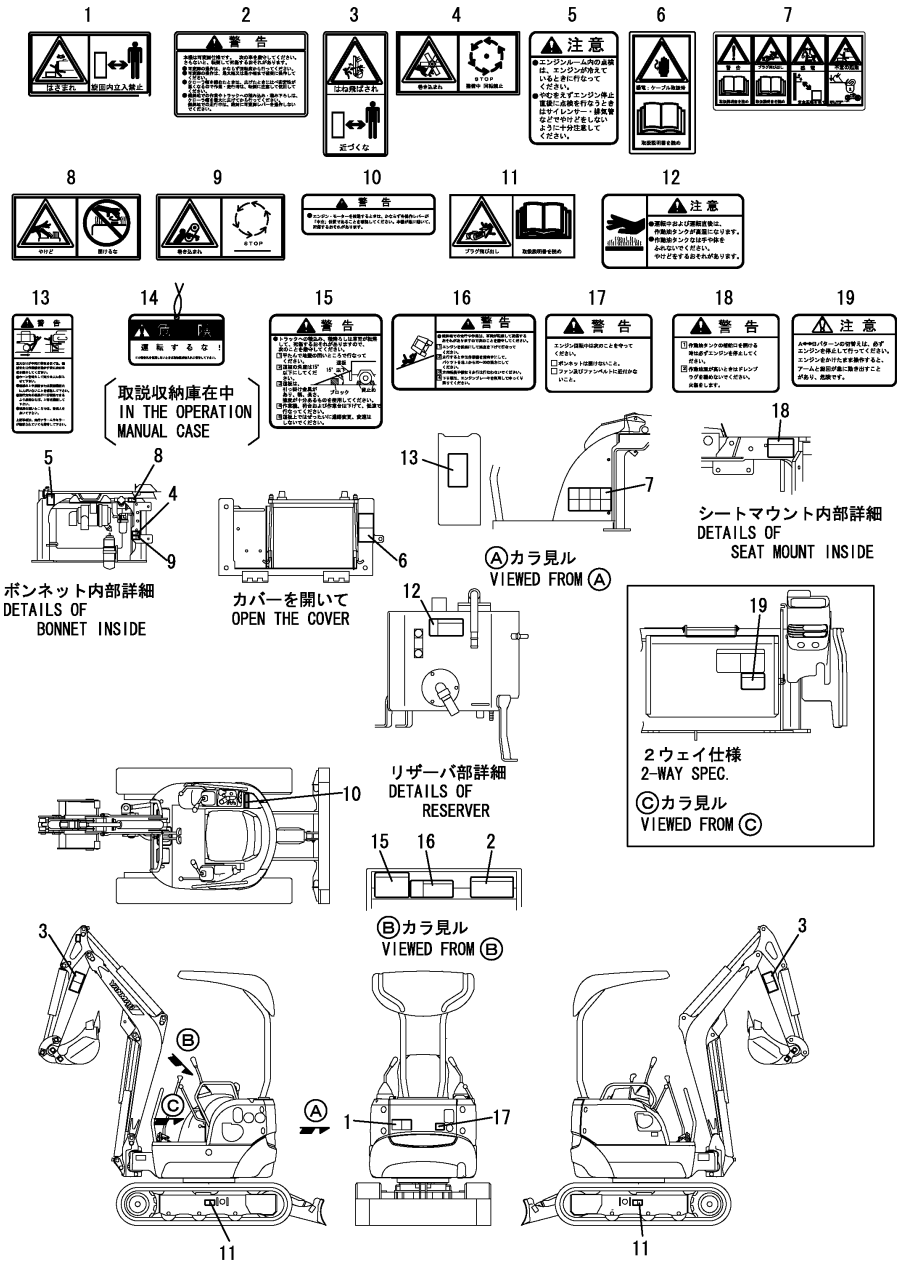
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42-1	2	172448-03702 (B=M/#26480)	LABEL, SPEC. EX		1						N
43	2	172125-03950	LABEL, AIR CLEANER		1						
44	2	124764-44810	LABEL,SUB-TANK		1						
45	2	124764-44920	LABEL, ANTI-FREEZING		1						

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

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.3. SAFETY LABEL(JP)



Remarks
(1)2-WAY SPEC.

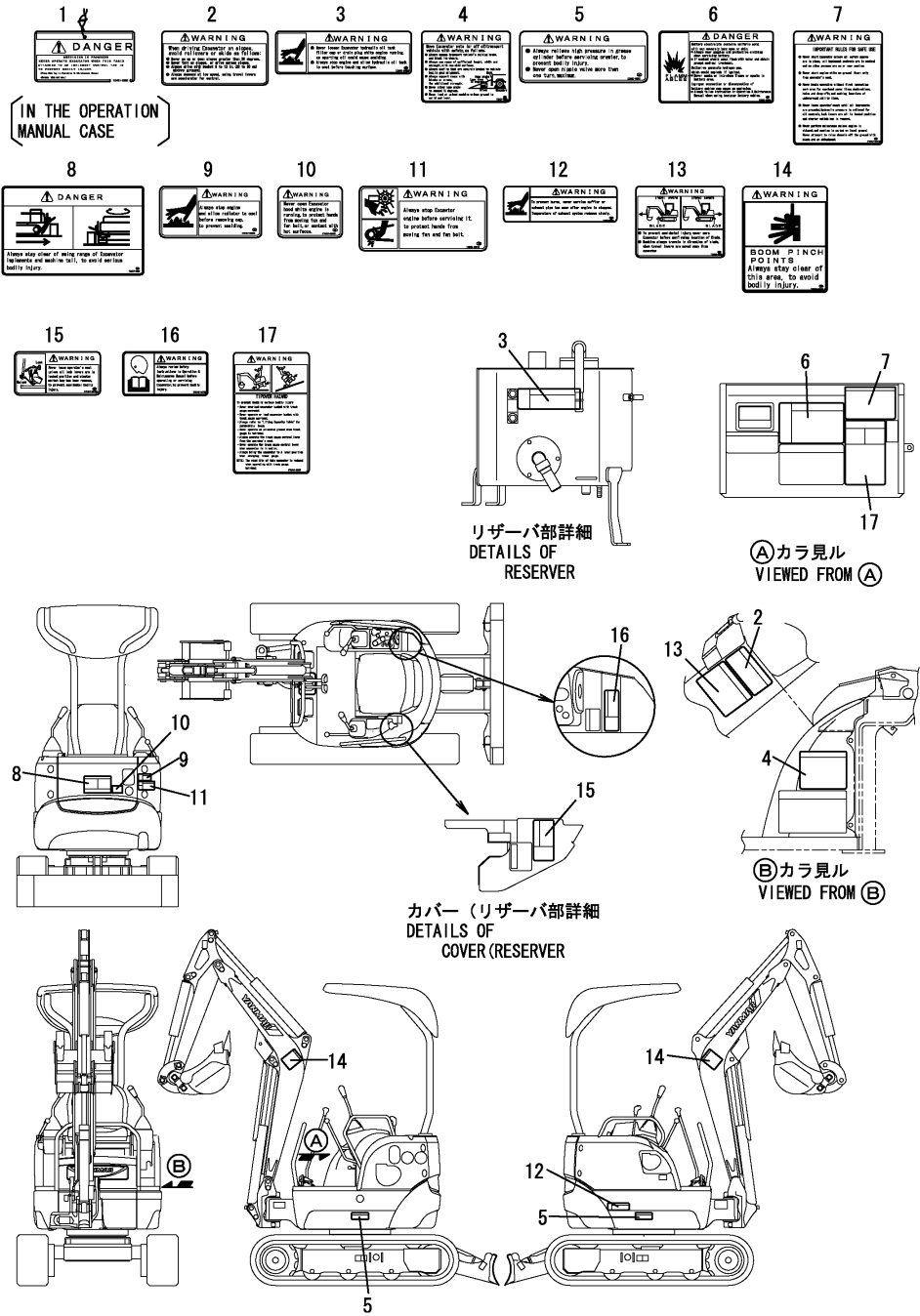
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(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL	1							
2	1	172448-03170	LABEL,WARNING V.LEG	1							
3	1	172444-03180	LABEL	2							
3-1	1	172444-03181	LABEL	2							N
(A=M/#25741)											
4	1	172448-03190	LABEL,FAN	1							
5	1	172141-03202	LABEL,CAUTION	1							
6	1	172450-03200	LABEL,BATTERY	1							
7	1	172444-03210	LABEL	1							
8	1	172446-03210	LABEL,BURN	1							
9	1	172446-03220	LABEL,BELT	1							
10	1	172444-03240	LABEL	1							
11	1	172444-03280	LABEL	2							
12	1	172142-03302	LABEL,CAUTION	1							
13	1	172964-03370	LABEL	1							
14	1	172964-03481	TAG ASSY, CAUTION	1							
15	1	172164-03510	LABEL,LOADING	1							
16	1	172164-03540	LABEL	1							
17	1	172519-04180	LABEL,WARNING	1							
18	1	172519-04290	LABEL,WARNING	1							
19	1	172458-03570	LABEL	1							1

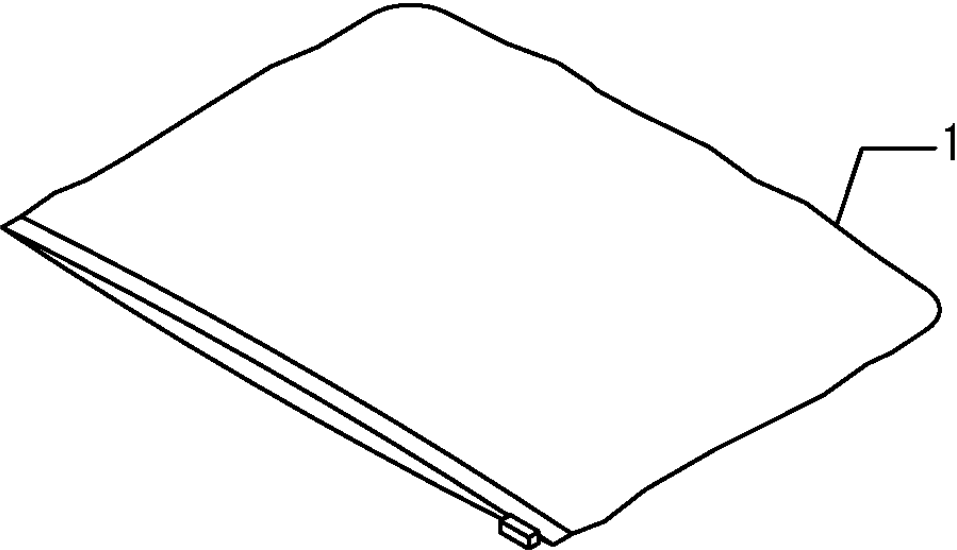
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(B)=VIO15-2(EX)
(C)=

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



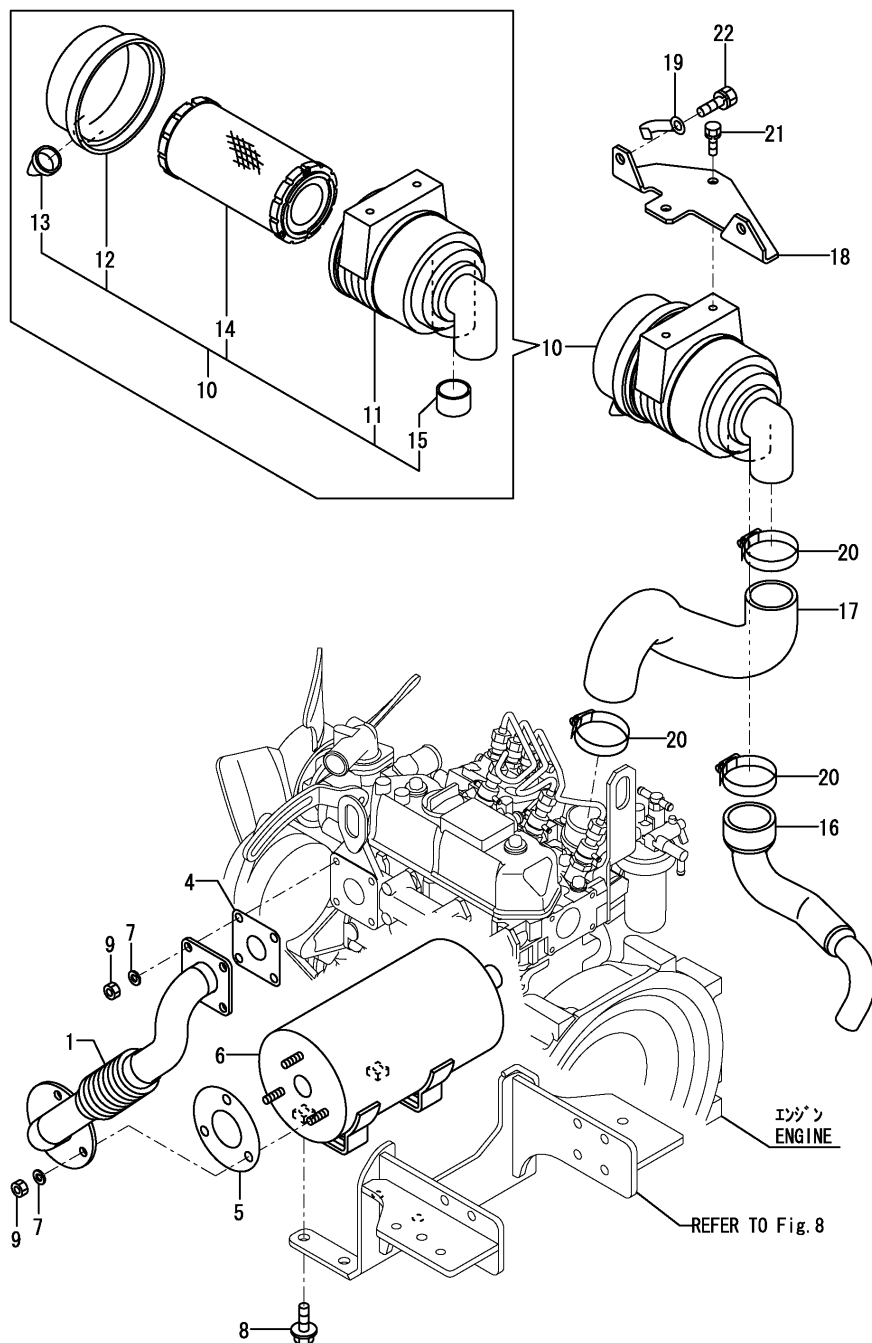
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172437-03250	TAG ASSY, CAUTION	1							
2	1	172437-03310	LABEL,SLOPE	1							
3	1	172437-03320	LABEL,HYD.OIL TANK	1							
3-1	1	172437-03321	LABEL,HYD.OIL TANK (B=M/#21339)	1							R
4	1	172437-03340	LABEL,TRANSPORT	1							
4-1	1	172437-03341	LABEL,TRANSPORT (B=M/#21339)	1							R
5	1	172437-03351	LABEL,GREASE CYL.	2							
6	1	172437-03360	LABEL,BATTERY	1							
7	1	172437-03371	LABEL	1							
8	1	172437-03380	LABEL,SWING AREA	1							
9	1	172437-03390	LABEL,RADIATOR	1							
10	1	172437-03400	LABEL,ENG.HOOD	1							
10-1	1	172437-03401	LABEL (ENG COVER US (B=M/#21339)	1							R
11	1	172437-03410	LABEL,ENG.ROOM	1							
11-1	1	172437-03411	LABEL (ENG ROOM US (B=M/#21339)	1							R
12	1	172437-03421	LABEL,MUFFLER	1							
13	1	172437-03431	LABEL,STEERING	1							
14	1	172437-03460	LABEL, BOOM	2							
15	1	172437-03470	LABEL,LEVER LOCK	1							
16	1	172448-03600	LABEL,MANUAL US	1							
17	1	172446-03651	LABEL,VARIABLE US	1							

Fig.5. ACCESSORY



0CK10-M37902 Fig.5											
				(A)=VIO15-2(JP)	(D)=						
				(B)=VIO15-2(EX)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-07330	BAG, MANUAL	1						W	
(A=M/#20501)											

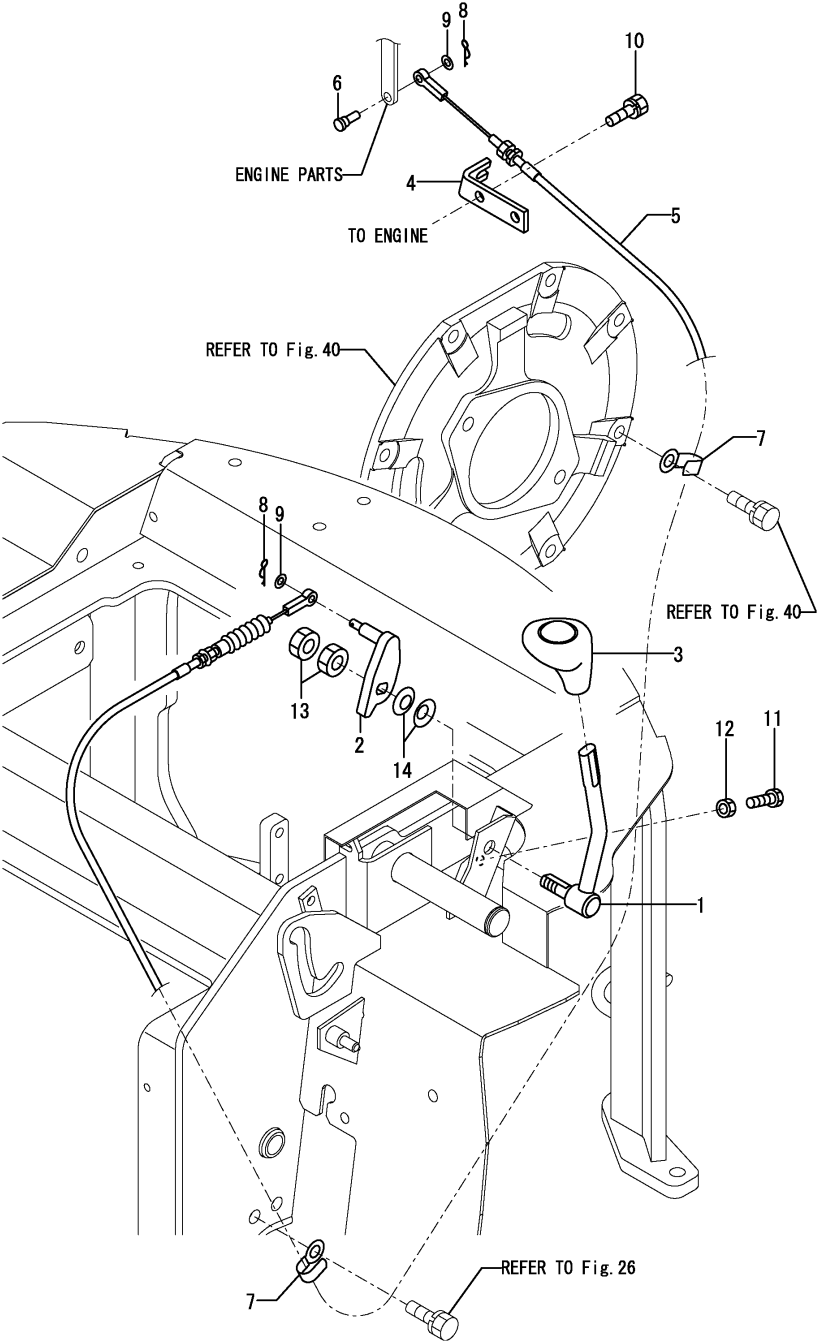
Fig.6. SILENSER & AIR CLEANER



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-11300	TUBE ASSY	1	1						
4	1	124701-11911	GASKET, SILENCER	1	1						
5	1	103954-13201	GASKET, SILENCER	1	1						
6	1	119233-13600	SILENCER	1	1						
7	1	22217-080000	WASHER, SPRING 8	7	7						
8	1	26106-100202	BOLT, M10X 20 PLATED	4	4						
9	1	26716-080002	NUT, M8	7	7						
10	1	172448-11500	CLEANER ASSY, AIR	1	1						
11	2	172448-11510	BODY	1	1						
12	2	119258-12530	COVER ASSY.	1	1						
13	2	119808-12540	VALVE, UNLOADER	1	1						
14	2	119655-12560	ELEMENT	1	1						
15	2	105027-12580	RING	1	1						
16	1	172448-11520	HOSE A,AIR CLEANER	1	1						
17	1	172448-11530	HOSE B,AIR CLEANER	1	1						
18	1	172448-11540	BRACKET,AIR CLEANER	1	1						
19	1	172126-16540	CLAMP	1							Z
(A=M/#20501)											
20	1	23000-060000	CLAMP, 60	3	3						
21	1	26013-080162	BOLT, M8X 16	2	2						
22	1	26013-100202	BOLT, M10X 20	2	2						

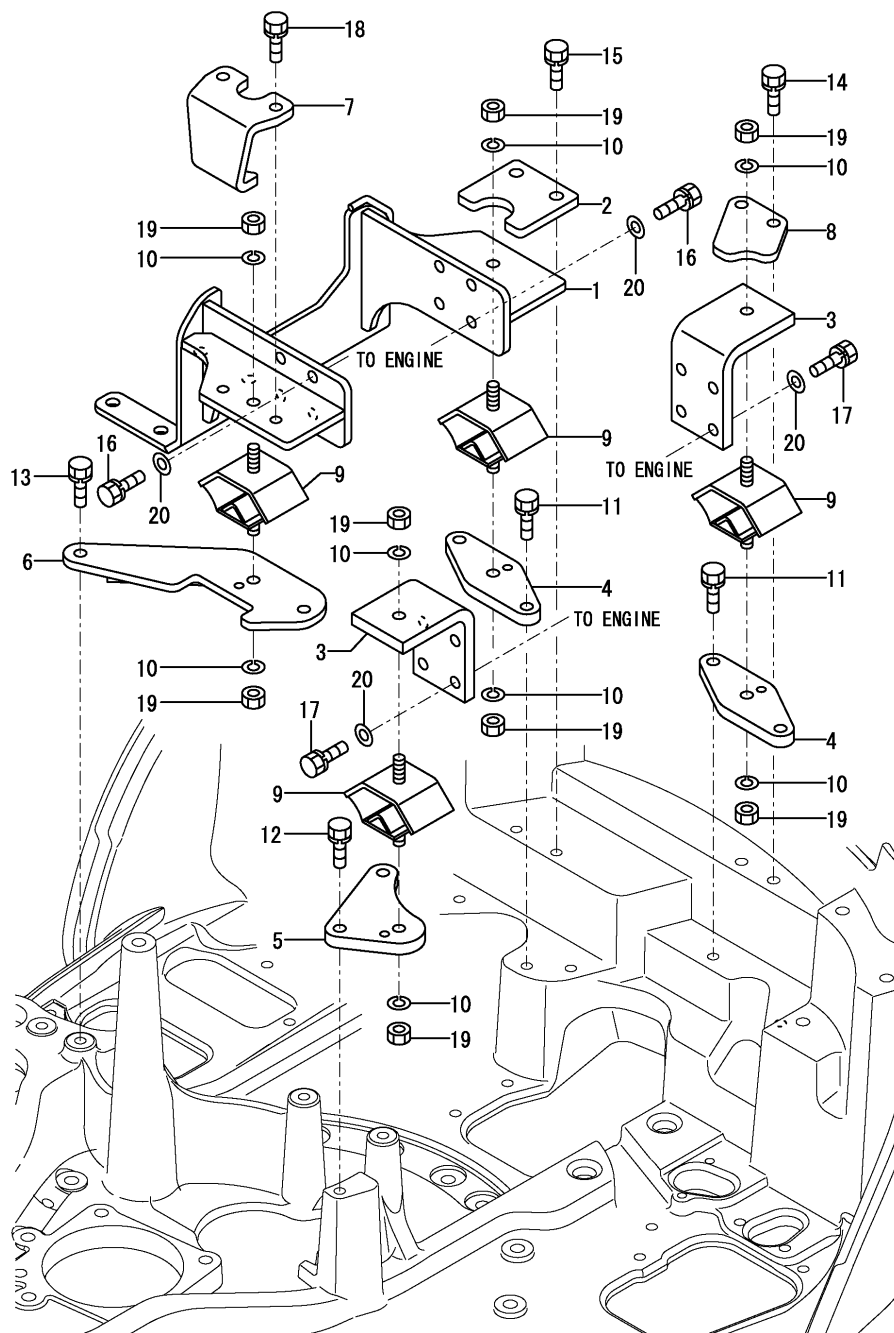
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-12100	LEVER,ACCELERATOR(72	1	1						
2	1	172448-12130	ARM ASSY	1	1						
3	1	172146-12150	GRIP, ACCELERATOR	1	1						
4	1	172183-12180	BRACKET COMP.,ACCEL.	1	1						
5	1	172448-12200	CABLE, ACCELERATOR	1	1						
6	1	172113-12522	PIN	1	1						
7	1	172126-16540	CLAMP	1							
7-1	1	172126-16540	CLAMP	2	2						K
(A=M/#20550)											
8	1	1C6281-52310	PIN, SNAP 6	2	2						
9	1	22137-060000	WASHER, 6	2	2						
10	1	26013-080202	BOLT, M8X 20	2	2						
11	1	26116-080254	BOLT, M8X 25 PLATED	1	1						
12	1	26716-080002	NUT, M8	1	1						
13	1	26756-120002	NUT, LOCK M12	2	2						
14	1	933170-01490	SPRING	2	2						

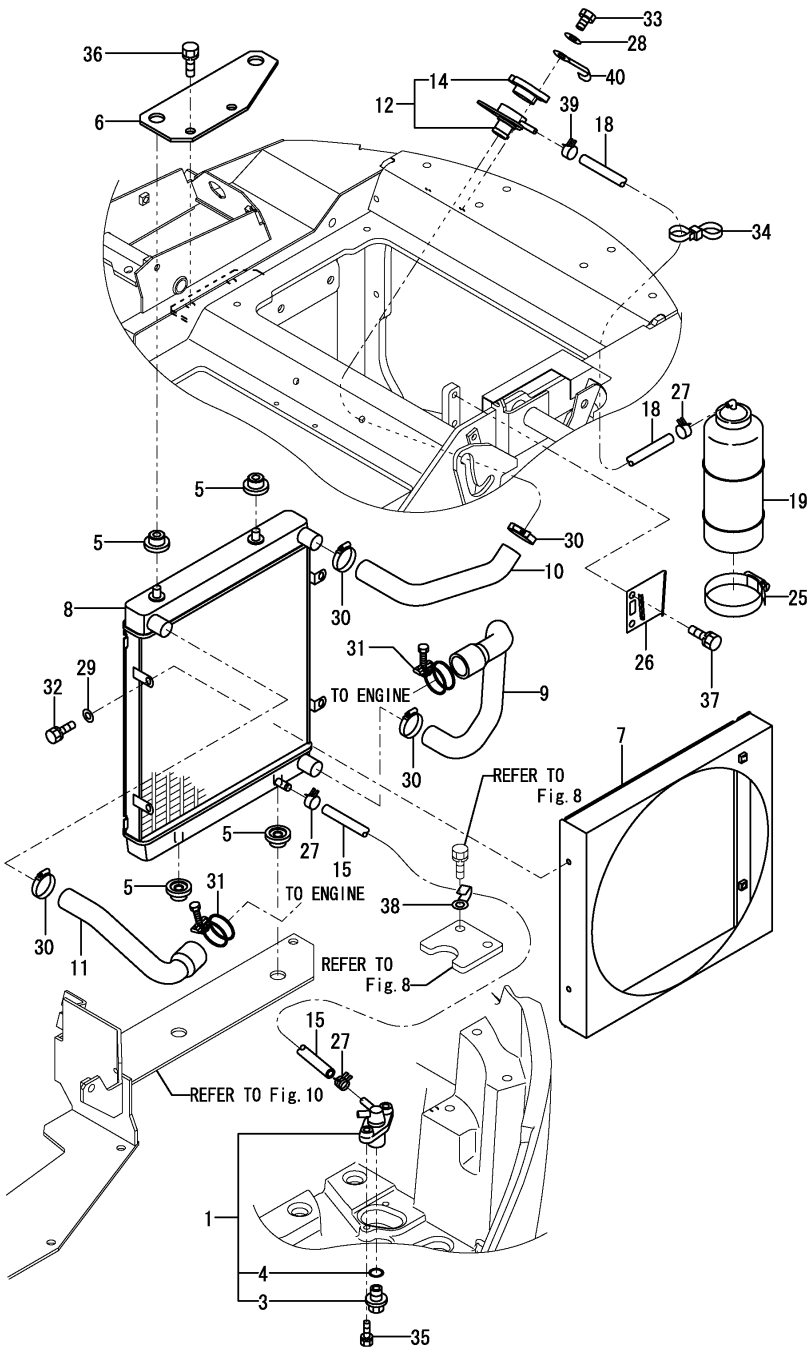
Fig.8. ENGINE MOUNT



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-13100	MOUNT,ENGINE	1	1						
2	1	172157-13150	PLATE, STOPPER	1	1						
3	1	172183-13150	MOUNT,ENGINE	2	2						
4	1	172448-13210	PLATE A,ENGINE	2	2						
5	1	172448-13220	PLATE B,ENGINE	1	1						
6	1	172448-13230	PLATE C,ENGINE	1							
6-1	1	172448-13231	PLATE C ASSY	1	1						N
(A=M/#20688)											
7	1	172183-13250	STOPPER, ENGINE	1	1						
8	1	172448-13260	PLATE E,ENGINE	1	1						
9	1	172448-13300	ABSORBER,SHOCK	4	4						
10	1	22217-100000	WASHER, SPRING 10	8	8						
11	1	26013-100252	BOLT, M10X 25	4	4						
12	1	26013-100252	BOLT, M10X 25	2	2						
13	1	26013-100252	BOLT, M10X 25	2	2						
14	1	26013-100252	BOLT, M10X 25	2	2						
15	1	26013-100252	BOLT, M10X 25	2	2						
16	1	26013-100252	BOLT, M10X 25	8	8						
17	1	26013-100252	BOLT, M10X 25	8	8						
18	1	26013-100252	BOLT, M10X 25	2	2						
19	1	26716-100002	NUT, M10	8	8						
20	1	22137-100000	WASHER, 10	16	16						W
(A=M/#20912)											

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

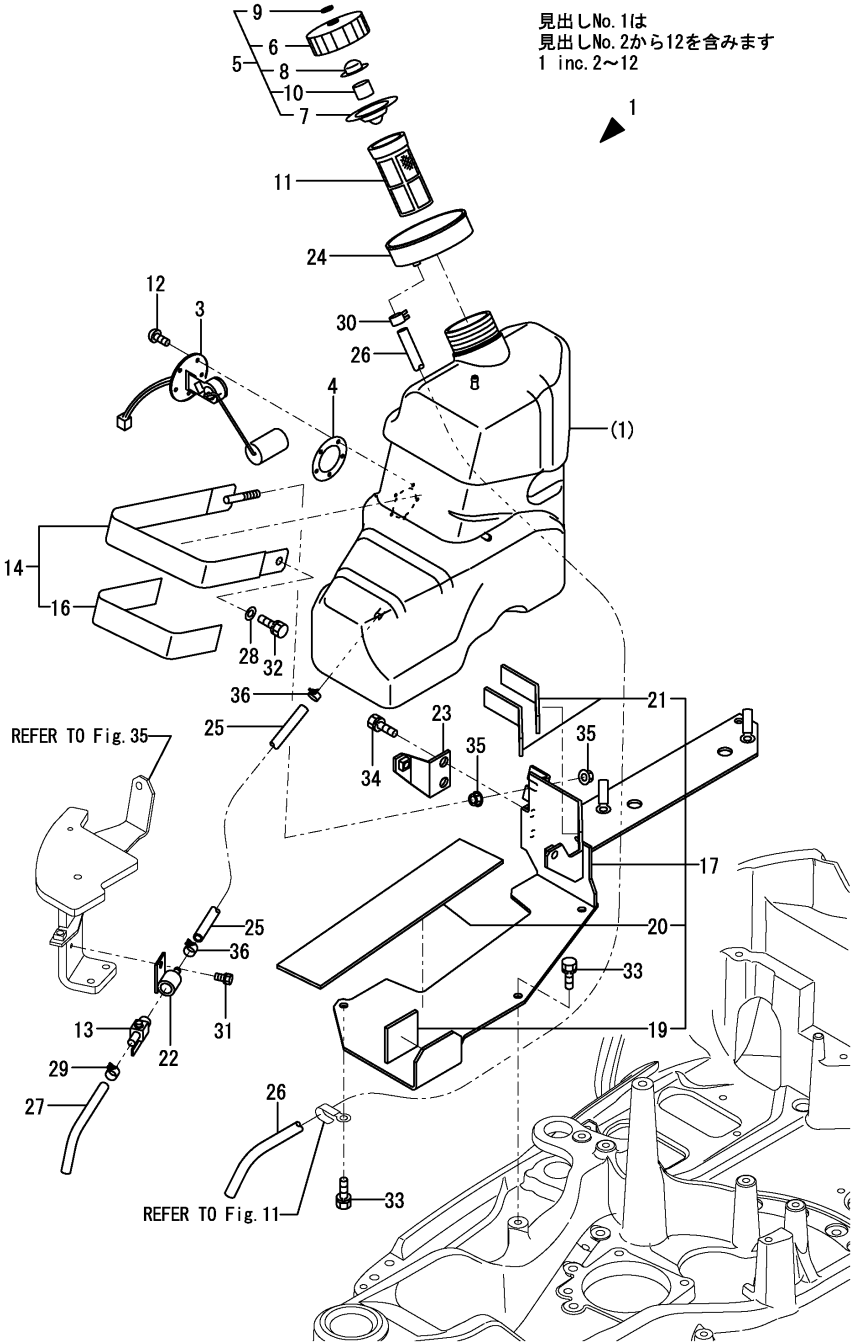


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1	1						
3	2	121250-49121	PLUG, DRAIN	1	1						
4	2	24311-000160	O-RING, 1AP16.0	1	1						
5	1	172446-13330	ABSOBER,SHOCK	4	4						
6	1	172448-13380	BRACKET,UP	1	1						
7	1	172448-13400	SHROUD ASSY	1	1						
8	1	172448-13500	RADIATOR	1	1						
9	1	172448-13510	PIPE, WATER	1	1						
10	1	172448-13520	PIPE, WATER	1	1						
11	1	172448-13530	PIPE, WATER	1	1						
12	1	172448-13540	FILLER	1	1						
14	2	172448-13560	CAP ASSY	1	1						
15	1	172187-14430	HOSE	1	1						
18	1	172183-14640	HOSE	1	1						
19	1	119813-44510	TANK ASSY	1	1						
25	1	124450-44550	BAND	1	1						
26	1	121256-44600	BRACKET, SUB TANK	1	1						
27	1	124766-59050	CLIP, HOSE 12	3	3						
28	1	22137-060000	WASHER, 6	2	2						
29	1	22137-060000	WASHER, 6	4	4						
30	1	23000-025000	CLAMP, 25	4							
30-1	1	23001-025000	CLAMP, HOSE 25	4	4						N
(A=M/#20902)											
31	1	23010-038000	CLAMP, 38	2	2						
32	1	26013-060122	BOLT, M6X 12	4	4						
33	1	26013-060162	BOLT, M6X 16	2	2						
34	1	172137-16560	BAND	1	1						
35	1	26013-080402	BOLT, M8X 40	2	2						
36	1	26013-100202	BOLT, M10X 20	2	2						
37	1	26013-080162	BOLT, M8X 16	2	2						
38	1	172126-16540	CLAMP	1	1						
39	1	23000-013000	CLAMP, 13	1	1						
40	1	1A1680-57850	CLAMP 8X100	1							
40-1	1	1A1686-57850	CLAMP, 80	1	1						R
(A=M/#20902)											

Fig.10. FUEL TANK

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

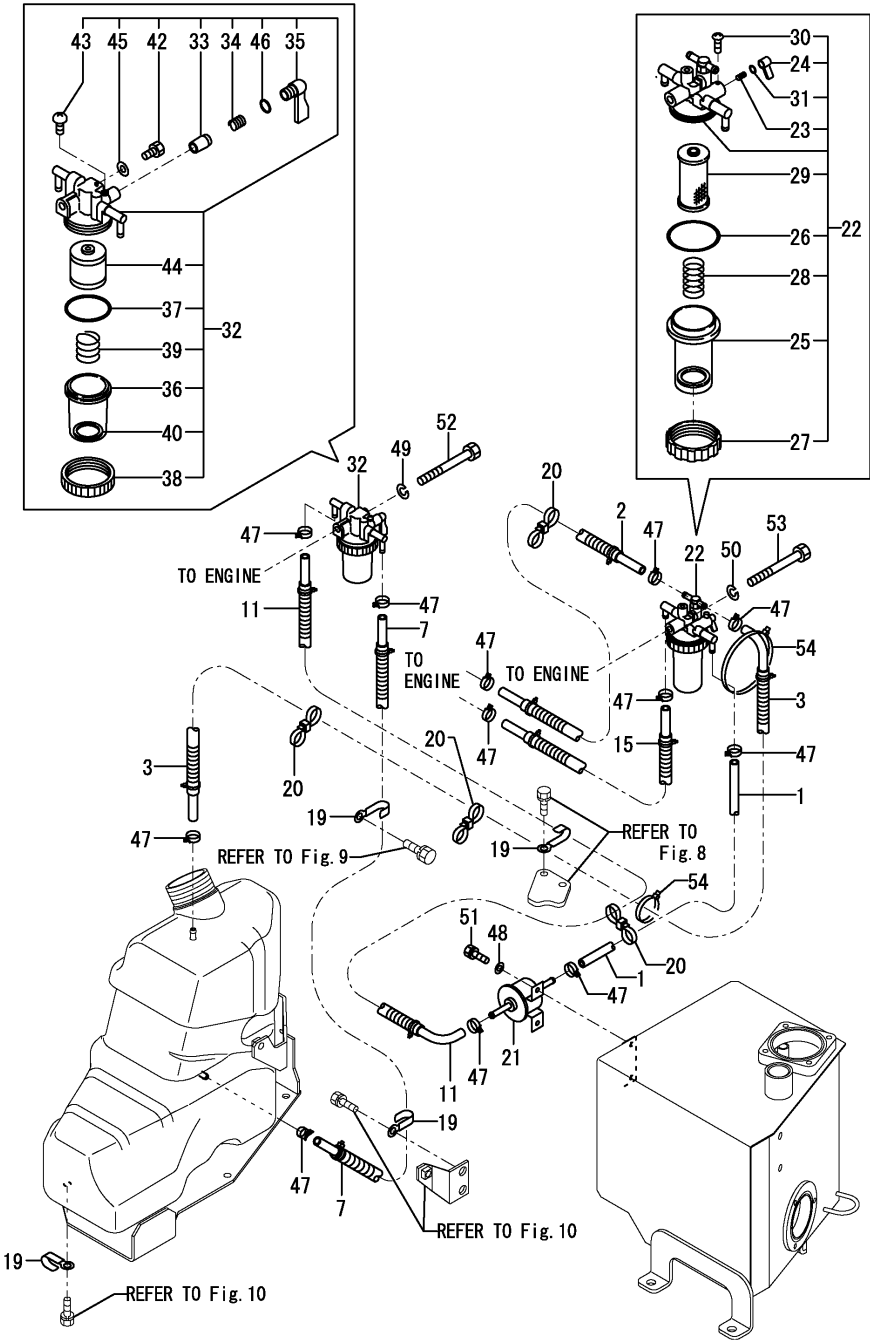


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-14100	TANK ASSY, FUEL	1	1						
3	2	172456-14150	GAUGE, FUEL	1	1						
3-1	2	172456-14151	GAUGE, FUEL	1	1						N
(A=M/#26233) (B=M/#26233)											
4	2	172162-14200	GASKET	1	1						
5	2	172444-14200	CAP, FUEL	1	1						
6	3	172444-14450	CAP	1	1						
7	3	172444-14460	GASKET	1	1						
8	3	172444-14470	GASKET	1	1						
9	3	172444-14480	WASHER	1	1						
10	3	172444-14490	SPONGE	1	1						
11	2	172183-14250	FILTER (FUEL)	1	1						
12	2	26557-050122	SCREW, M5X12	5	5						
13	1	104200-11920	COCK, WATER	1	1						
14	1	172448-14150	CLAMP ASSY, FUEL	1	1						
16	2	172448-14180	RUBBER, CLAMP	1	1						
17	1	172448-14200	MOUNT ASSY,FUEL TANK	1	1						
19	2	172446-14250	RUBBER PLATE	1	1						
20	2	172448-14300	RUBBER PLATE A	1	1						
21	2	172458-14380	RUBBER PLATE D,FO	1							
21-1	2	172458-14380	RUBBER PLATE D,FO	2	2						K
(A=M/#20504)											
22	1	172444-14270	JOINT, DRAIN	1	1						
23	1	172448-14340	BRACKET ASSY,COVER	1	1						
24	1	172458-14370	SUMP, FUEL	1	1						
25	1	172444-14410	HOSE	1							
25-1	1	172448-14690	HOSE,FUEL 85	1	1						N
(A=M/#20504)											
26	1	172458-14510	HOSE 9.5 X 750	1	1						
27	1	172124-14620	HOSE L=300, FUEL	1							
27-1	1	172444-14410	HOSE	1	1						N
(A=M/#20504)											
28	1	22137-100000	WASHER, 10	1	1						
29	1	23080-013000	CLAMP, 13	1	1						
29-1	1	106990-44660	CLIP, HOSE 12.5	1	1						R
(A=M/#26118) (B=M/#26118)											
30	1	23080-013000	CLAMP, 13	1	1						
31	1	26013-080202	BOLT, M8X 20	1	1						
32	1	26013-100202	BOLT, M10X 20	1	1						
33	1	26013-100202	BOLT, M10X 20	4	4						
34	1	26013-100202	BOLT, M10X 20	2	2						
35	1	26367-100002	NUT, M10	2	2						
36	1	124766-59050	CLIP, HOSE 12	2	2						

Fig.11. FUEL LINE

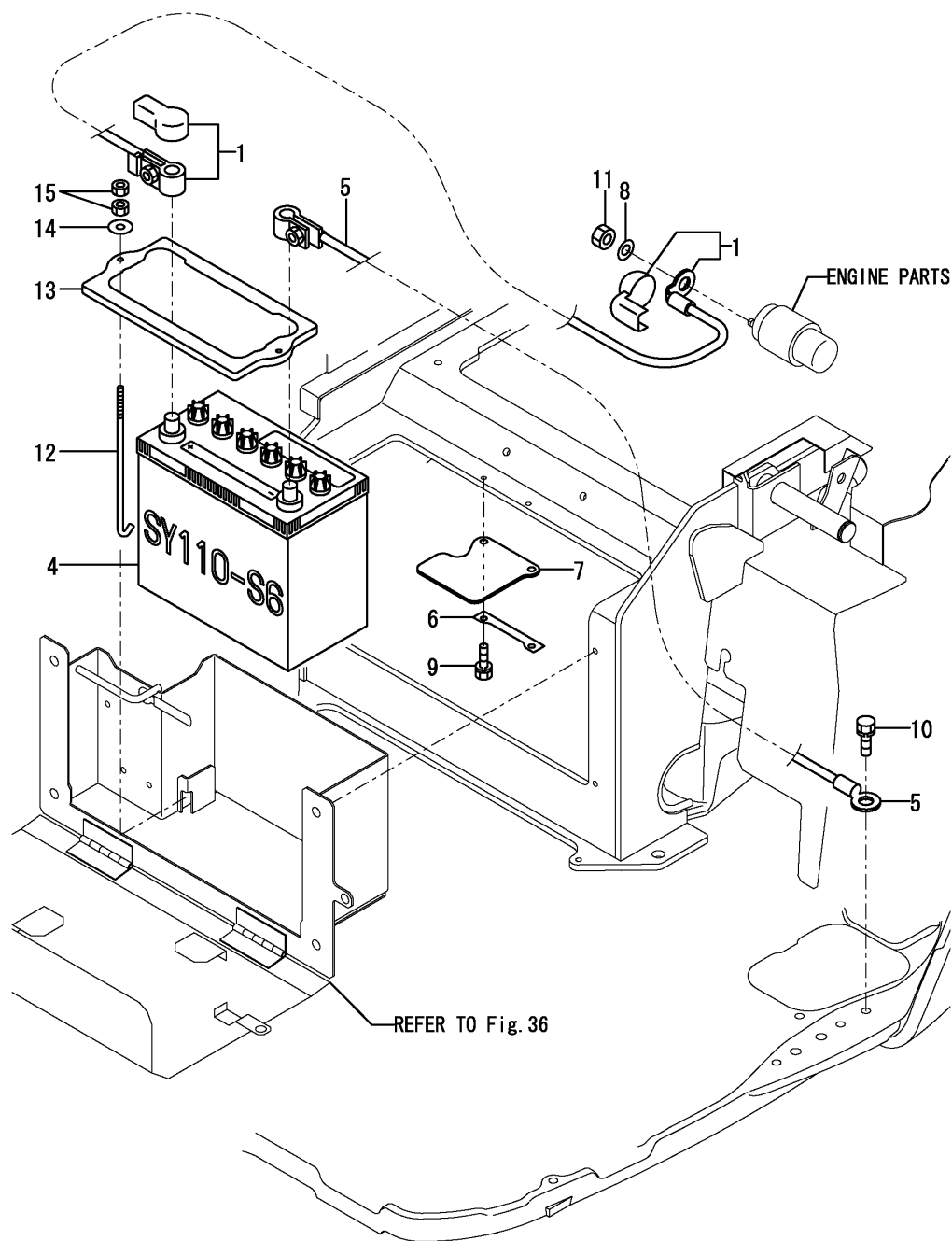
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



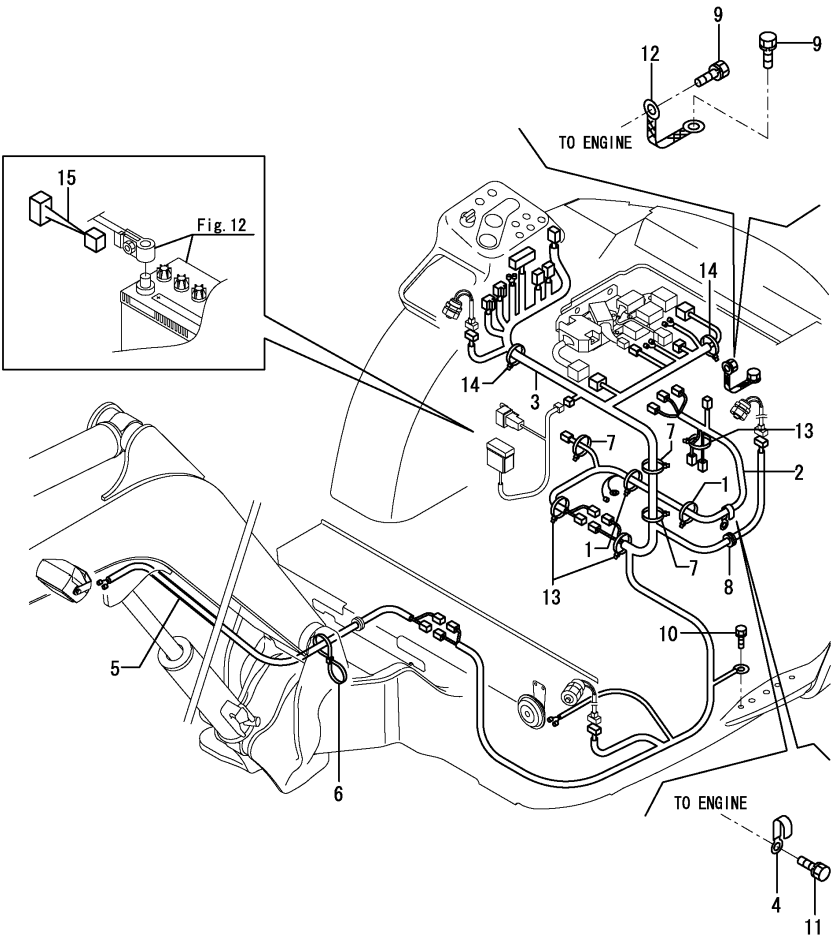
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-14440	HOSE 700	1							
1-1	1	172171-13461	HOSE 7.5X13	1	1						N
(A=M/#20688)											
2	1	172137-14610	PIPE, FUEL	1	1						
3	1	172448-14610	HOSE 1350 ,FUEL	1	1						
7	1	172448-14630	HOSE 1100 ,FUEL	1	1						
11	1	172448-14650	HOSE 1600 ,FUEL	1	1						
15	1	172448-14670	HOSE 400 ,FUEL	1	1						
19	1	172126-16540	CLAMP	4	4						
20	1	172137-16560	BAND	4	4						
21	1	119225-52102	PUMP ASSY, FUEL FEED	1	1						
22	1	119833-55620	FILTER ASSY, FUEL	1	1						
23	2	104200-55330	SPRING, VALVE	1	1						
24	2	119810-55340	LEVER	1	1						
25	2	121254-55510	COVER	1	1						
26	2	102103-55520	O-RING	1	1						
27	2	110250-55610	RING, RETAINING	1	1						
28	2	121250-55620	SPRING	1	1						
29	2	119810-55650	ELEMENT	1	1						
30	2	104200-55750	SCREW, M4	1	1						
31	2	24311-240100	O-RING, 1AP10A	1	1						
32	1	129335-55700	SEPARATOR ASSY,WATER	1	1						
33	2	104200-55321	VALVE, TAPER	1	1						
34	2	104200-55330	SPRING, VALVE	1	1						
35	2	104200-55341	HANDLE	1	1						
36	2	124064-55510	COVER	1	1						
37	2	102103-55520	O-RING	1	1						
38	2	110250-55610	RING, RETAINING	1	1						
39	2	121257-55720	SPRING	1	1						
40	2	121257-55731	FLOAT	1	1						
42	2	101720-55750	PLUG, 6	2	2						
43	2	104200-55750	SCREW, M4	1	1						
44	2	171081-55910	SCREEN	1	1						
45	2	23418-060000	GASKET, 6X1.0	2	2						
46	2	24311-240100	O-RING, 1AP10A	1	1						
47	1	124766-59050	CLIP, HOSE 12	12	12						
48	1	22137-060000	WASHER, 6	2	2						
49	1	22217-080000	WASHER, SPRING 8	1	1						
50	1	22217-080000	WASHER, SPRING 8	1	1						
51	1	26013-060202	BOLT, M6X 20	2	2						
52	1	26116-080702	BOLT, M8X 70 PLATED	1							
52-1	1	26116-080652	BOLT, M8X 65 PLATED	1	1						N
(A=M/#20504)											
53	1	26116-080702	BOLT, M8X 70 PLATED	1							
53-1	1	26116-080652	BOLT, M8X 65 PLATED	1	1						N
(A=M/#20504)											
54	1	172126-11510	BAND 300	2	2						

Fig.12. BATTERY



				(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=	(D)= (E)= (F)=							
No.	Lev.	Parts No.	Description	Q'ty							I	R
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172448-16100	CORD,BATTERY PLUS	1	1							
4	1	172175-16110	BATTERY	1	1							
5	1	172448-16130	HARNESS,BAT. MINUS	1	1							
6	1	172448-16150	PLATE,BATTERY	1	1							
7	1	172448-16160	COVER, BATTERY	1	1							
8	1	22137-080000	WASHER, 8	1	1							
9	1	26013-060122	BOLT, M6X 12	2	2							
10	1	26013-100202	BOLT, M10X 20	1	1							
11	1	26716-080002	NUT, M8	1	1							
12	1	172631-16350	ROD,BATTERY CLAMP	2	2							
13	1	194940-64750	CLAMP, BATTERY	1	1							
14	1	22157-060000	WASHER, 6	2	2							
15	1	26716-060002	NUT, M6	4	4							

Fig.13. ELECTRIC PART(WIRING)

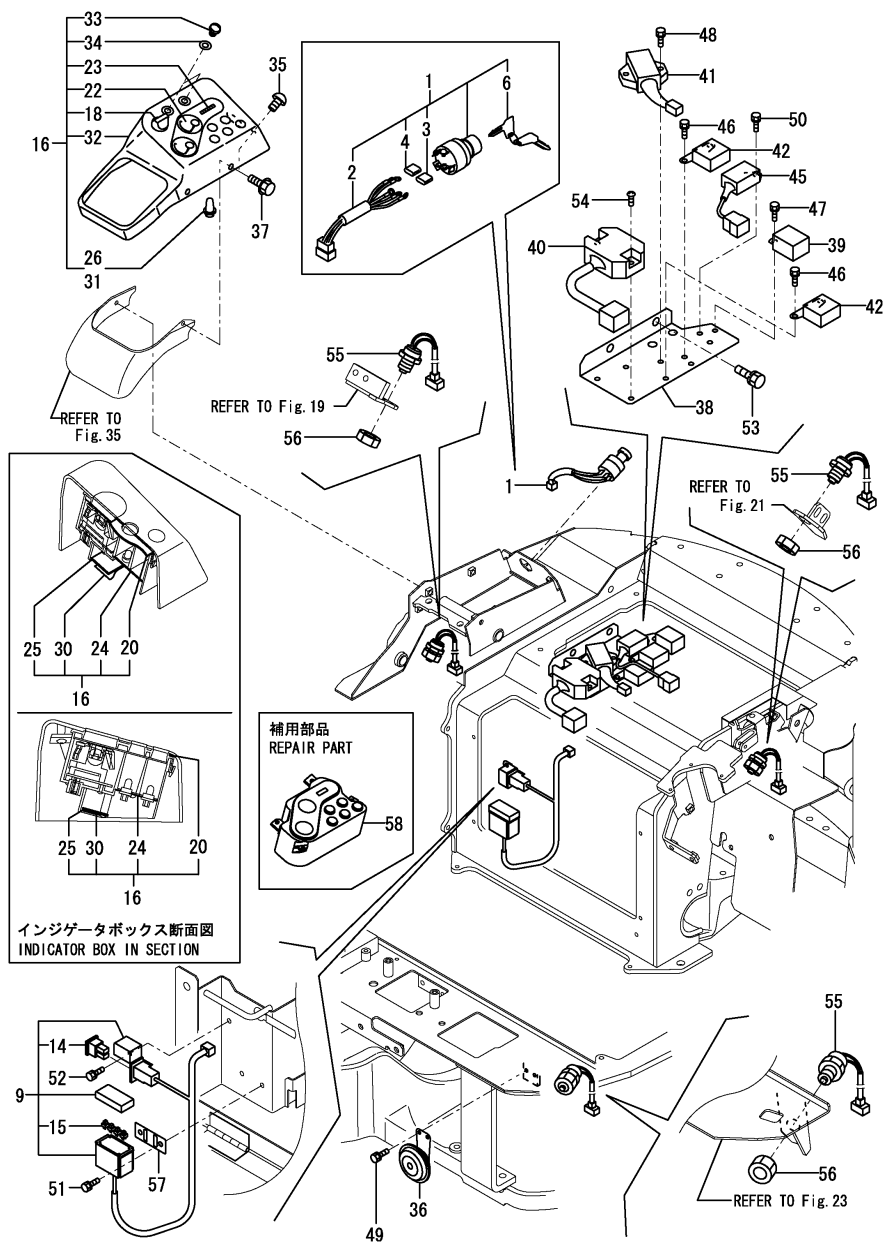


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2						
2	1	172448-16500	HARNESS A	1							
2-1	1	172448-16501	HARNESS A ASSY	1	1						N
(A=M/#20847)											
3	1	172448-16520	HARNESS B	1							
3-1	1	172448-16521	HARNESS B ASSY	1							N
(A=M/#20689)											
3-2	1	172448-16522	HARNESS B ASSY	1							N
(A=M/#20847)											
3-3	1	172448-16523	HARNESS B ASSY	1	1						N
(A=M/#20867)											
4	1	172126-16540	CLAMP	1	1						
5	1	172448-16550	HARNESS,BOOM LAMP	1	1						
6	1	172137-16560	BAND	1	1						
7	1	194202-56460	BAND, 200	3	3						
8	1	172162-61850	GROMMET	1	1						
9	1	26013-100202	BOLT, M10X 20	2	2						
10	1	26013-100202	BOLT, M10X 20	1	1						
11	1	26013-100202	BOLT, M10X 20	1	1						
12	1	933171-15801	CORD, ENGINE EARTH	1	1						
13	1	933168-55770	BAND	3	3						W
(A=M/#20847)											
14	1	933168-55770	BAND	2	2						W
(A=M/#20847)											
15	1	172183-16640	LINK,FUSIBLE	1	1						W
(A=MXXXXX) (B=MXXXXX)											

Fig.14. ELECTRIC PART(EQUIPMENT)



(1) HOUR METER = ANALOG TYPE.
(2) HOUR METER = L.C.D. TYPE.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

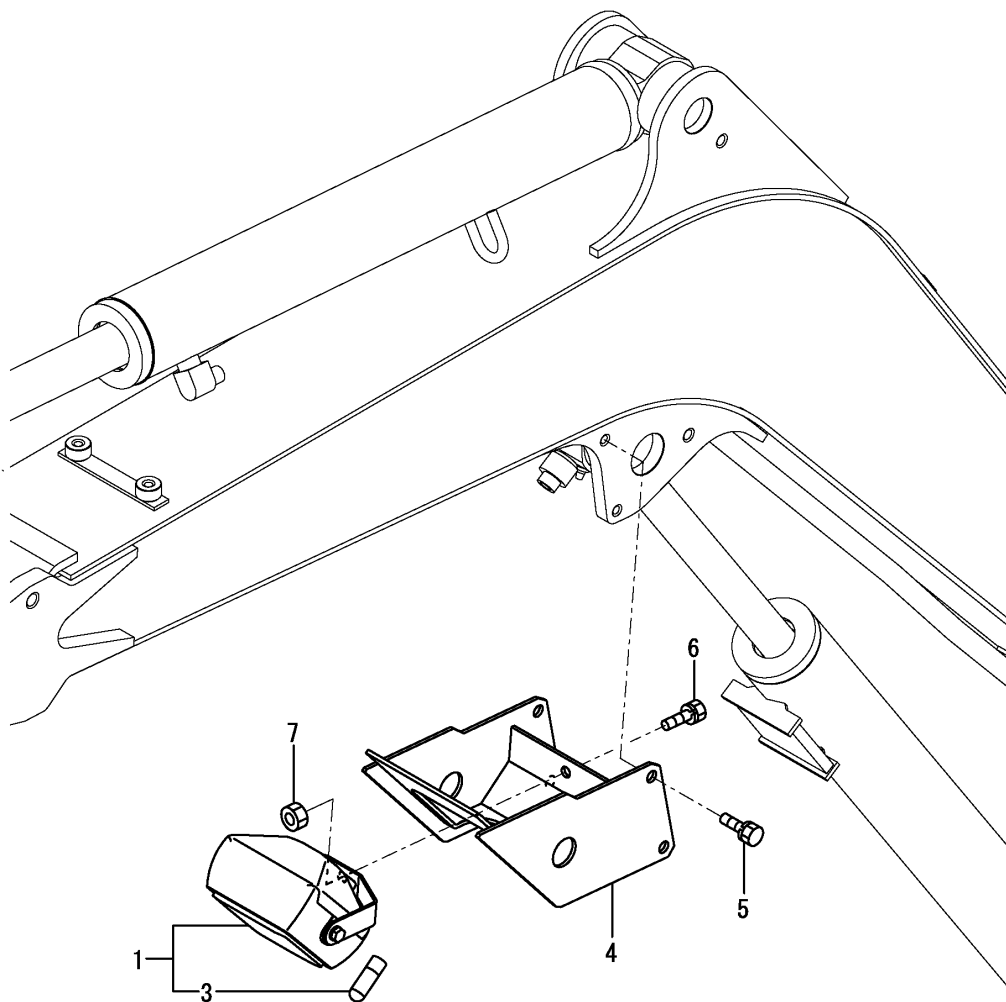
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1						
2	2	172187-17070	CORD ASSY	1	1						
3	2	172187-17080	COVER	3	3						
4	2	172187-17090	COVER	2	2						
6	2	933110-00301	KEY ASSY	1	1						
9	1	172448-17200	FUSE	1	1						
14	2	172447-17150	FUSE 40A	1	1						
15	2	29420-150000	FUSE, B 15A	4	4						
16	1	172458-17500	BOX,INDICATOR(CANOPY	1	1						
16-1	1	172458-17501	BOX,INDICATOR(CANOPY	1	1					N	1
		(A=M/#26043)	(B=M/#26043)								
18	2	172187-17280	SWITCH ASSY, LIGHT	1	1						
20	2	172187-17320	PACKING	1	1						
22	2	172187-17341	GAUGE ASSY	1	1						
23	2	172187-17350	METER ASSY, HOUR	1	1						
24	2	172187-17360	PRINT, CIRCUIT	1	1						
25	2	172187-17371	CIRCUIT ASSY	1	1						
26	2	172187-17380	BULB	4	4						
30	2	172187-17470	PLATE	1	1						
31	2	172187-17480	BULB	2	2						
32	2	172458-17510	PANEL	1	1						
32-1	2	172458-17511	PANEL	1	1					N	
		(A=M/#26043)	(B=M/#26043)								
33	2	172187-17560	CAP	2	2						
34	2	172187-17570	GASKET	2	2						
35	1	172458-46720	BOLT	1	1						
36	1	194151-57100	HORN	1	1						
37	1	172519-63240	BOLT	3	3						
38	1	172448-64810	BRACKET,ELECTRIC	1	1						
39	1	119247-77100	RELAY, SAFETY	1	1						
40	1	119653-77710	LIMITER, CURRENT	1	1						
41	1	129155-77810	REGISTER	1	1						
42	1	119650-77910	RELAY ASSY, GLOW	2	2						
45	1	129211-77920	TIMER	1	1						
46	1	26013-060162	BOLT, M6X 16	4	4						
47	1	26013-060162	BOLT, M6X 16	1	1						
48	1	26013-060162	BOLT, M6X 16	2	2						
49	1	26013-060162	BOLT, M6X 16	2	2						
50	1	26013-060162	BOLT, M6X 16	1	1						
51	1	26013-060162	BOLT, M6X 16	2	2						
52	1	26013-060162	BOLT, M6X 16	1	1						
53	1	26013-100202	BOLT, M10X 20	2	2						
54	1	26022-060252	SCREW, M6X25	2	2						
55	1	194464-52190	SWITCH, SAFETY START	3	3						
56	1	26776-180002	NUT, LOCK M18	3	3						
57	1	172183-16550	BRACKET,FUSE	1	1					W	
		(A=M/#20847)									
58	1	172A77-17500	MONITOR ASSY	1	1					W	2
		(A=MZZZZZ)	(B=MZZZZZ)								

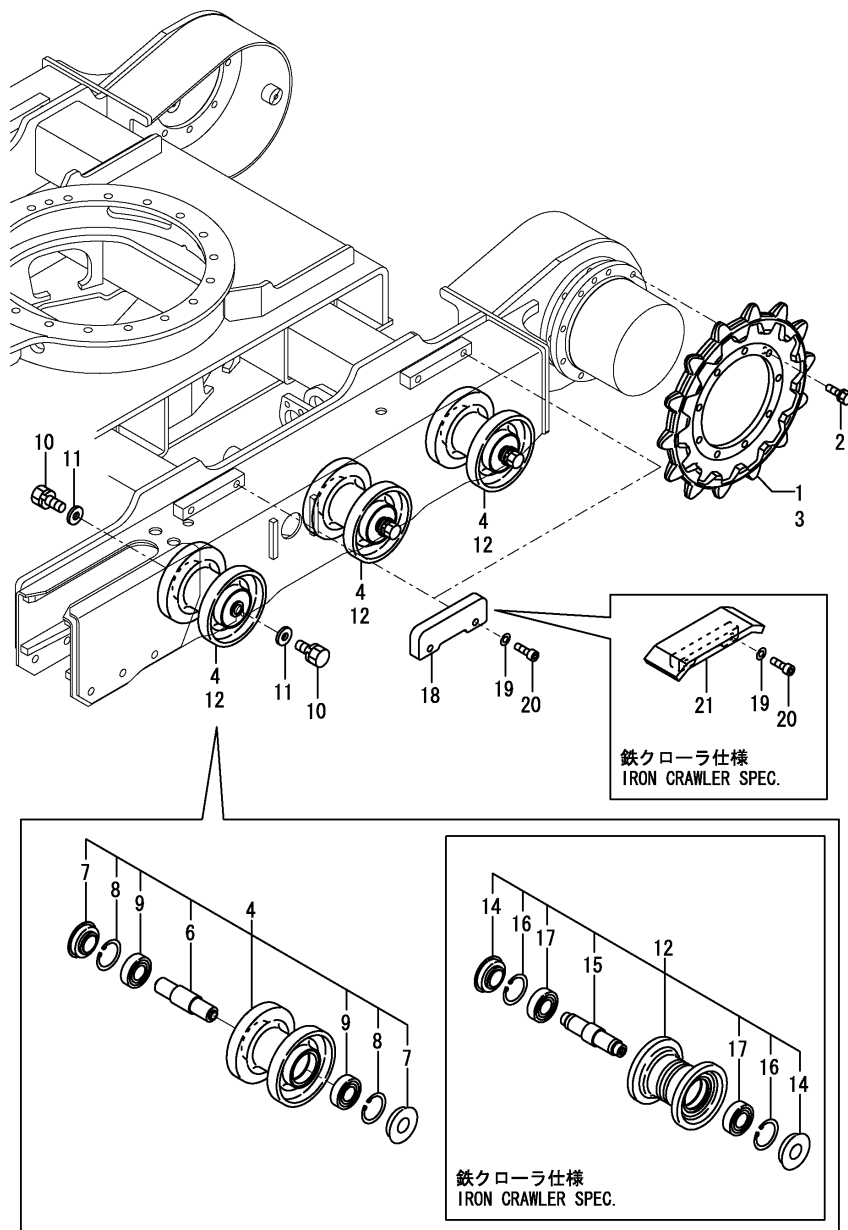
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.15. WARK LAMP



				(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=			(D)= (E)= (F)=						
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty		(C)	(D)	(E)	(F)	I	R
1	1	172156-17401	LAMP, WORK	1	1								
3	2	172156-17420	BULB, 12V 27W	1	1								
4	1	172448-17400	COVER, LAMP	1	1								
5	1	26013-080162	BOLT, M8X 16	4	4								
6	1	26013-080162	BOLT, M8X 16	1	1								
7	1	26716-080002	NUT, M8	1	1								



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-29100	SPROCKET	2	2						1
2	1	26013-100252	BOLT, M10X 25	18	18						
3	1	172448-29110	SPROCKET	2							2
4	1	772448-37300	TRACK ROLLER,RUBBER	6	6						1
6	2	172448-37310	SHAFT, ROLLER	6	6						
7	2	172173-37320	SEAL, OIL	12	12						
7-1	2	1E6140-73420	SEAL, OIL QLF255218	12	12						R
		(A=M/#26400) (B=M/#26400)									
8	2	22252-000520	RING, 52	12	12						
9	2	24101-062054	BEARING, BALL 6205	12	12						
10	1	26013-120252	BOLT, M12X 25	12	12						
11	1	933152-03700	WASHER, CLUTCH	12	12						
12	1	772448-37310	TRACK ROLLER,IRON(88	6							2
14	2	172173-37320	SEAL, OIL	12							
14-1	2	1E6140-73420	SEAL, OIL QLF255218	2							R
		(A=M/#26400)									
15	2	172448-37320	SHAFT, ROLLER	6							
16	2	22252-000520	RING, 52	12							
17	2	24101-062054	BEARING, BALL 6205	12							
18	1	172448-37500	PLATE (GREEN:88)	4	4						1
19	1	22217-100000	WASHER, SPRING 10	8	8						
20	1	26450-100352	BOLT, M10X 35	8	8						
21	1	172448-37510	SHOE PLATE(GREEN:88)	4							2

Remarks
(1)RUBBER CRAWLER SPEC.
(2)IRON CRAWLER SPEC.

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

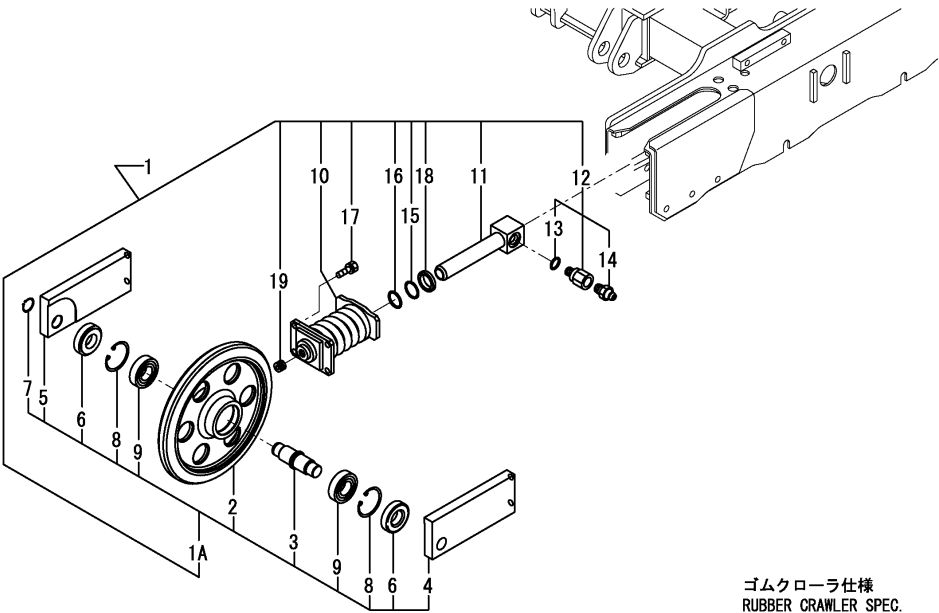
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Fig.17. IDLER & ADJUST

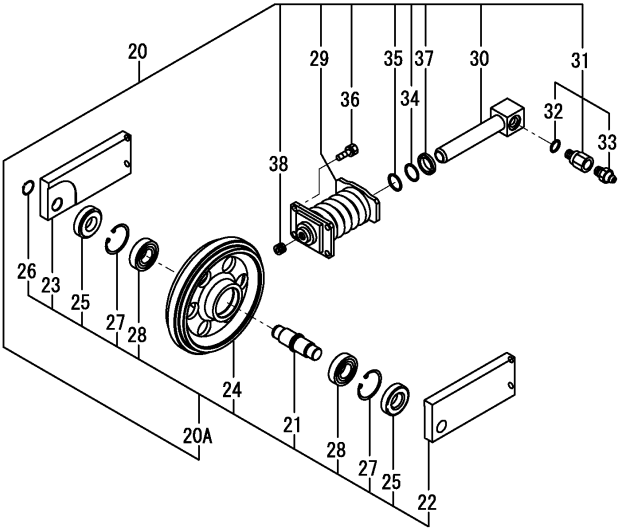
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-37120	IDLER ASSY, RUBBER	2	2						1
1A	2	772448-37100	IDLER ASSY, RUBBER	2	2						1
2	3	172448-37100	IDLER, 295	2	2						
3	3	172448-37110	SHAFT, IDLER	2	2						
4	3	172448-37130	FORK ASSY, IDLER	2	2						
5	3	172448-37140	FORK ASSY, IDLER	2	2						
6	3	1A1060-48300	SEAL, QLN30X62X13.2	4	4						
7	3	22242-000250	RING, 25	2	2						
8	3	22252-000620	RING, 62	4	4						
9	3	24101-062064	BEARING, BALL 6206	4	4						
10	2	172448-37710	SPRING ASSY, ADJUST	2	2						
10-1	2	172448-37711	SPRING ASSY, ADJUST	2	2						N
(A=XXX) (B=XXX)											
11	2	172137-37801	TUBE ASSY, ADJUST	2	2						
11-1	2	172448-37800	TUBE ASSY, ADJUST	2	2						N
(A=M/#25774) (B=M/#25774)											
12	2	172122-37844	VALVE ASSY, NIPPLE	2	2						
13	3	24315-000140	O-RING, 1BP14.0	2	2						
14	3	24761-020000	NIPPLE, GREASE PT1/8	2	2						
15	2	172137-37850	RING, BACK UP	2	2						
16	2	24315-000300	O-RING, 1BP30.0	2	2						
17	2	26013-100302	BOLT, M10X 30	8	8						
17-1	2	26013-100352	BOLT, M10X 35	8	8						N
(A=XXX) (B=XXX)											
18	2	933126-38600	SEAL, DUST	2	2						
19	2	933171-13691	PLUG	2	2						
20	1	772448-37130	IDLER ASSY, IRON	2							2
20A	2	772448-37110	IDLER ASSY, IRON	2							2
21	3	172448-37110	SHAFT, IDLER	2							
22	3	172448-37130	FORK ASSY, IDLER	2							
23	3	172448-37140	FORK ASSY, IDLER	2							
24	3	172448-37200	IDLER ASSY	2							
25	3	1A1060-48300	SEAL, QLN30X62X13.2	4							
26	3	22242-000250	RING, 25	2							
27	3	22252-000620	RING, 62	4							
28	3	24101-062064	BEARING, BALL 6206	4							
29	2	172448-37710	SPRING ASSY, ADJUST	2							
29-1	2	172448-37711	SPRING ASSY, ADJUST	2							N
(A=XXX)											
30	2	172137-37801	TUBE ASSY, ADJUST	2							
30-1	2	172448-37800	TUBE ASSY, ADJUST	2							N
(A=M/#25774)											
31	2	172122-37844	VALVE ASSY, NIPPLE	2							
32	3	24315-000140	O-RING, 1BP14.0	2							
33	3	24761-020000	NIPPLE, GREASE PT1/8	2							
34	2	172137-37850	RING, BACK UP	2							
35	2	24315-000300	O-RING, 1BP30.0	2							
36	2	26013-100302	BOLT, M10X 30	8							
36-1	2	26013-100352	BOLT, M10X 35	8							N
(A=XXX)											
37	2	933126-38600	SEAL, DUST	2							



ゴムクローラ仕様
RUBBER CRAWLER SPEC.

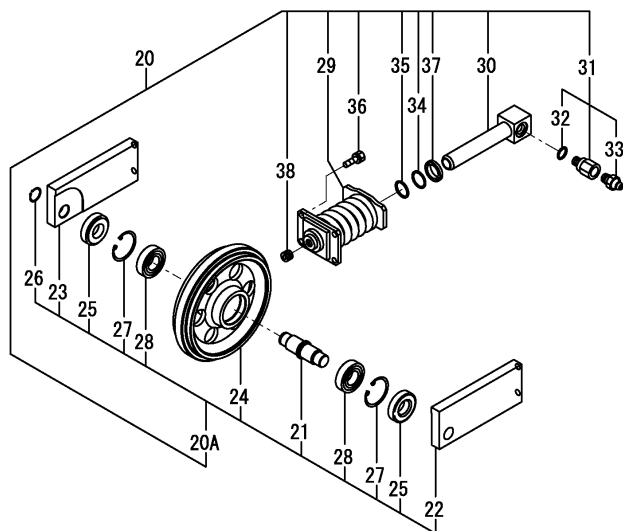


鉄クローラ仕様
IRON CRAWLER SPEC.

Remarks
(1)Rubber crawler specification.
(2)Iron crawler specification.



鉄クローラ仕様
IRON CRAWLER SPEC.

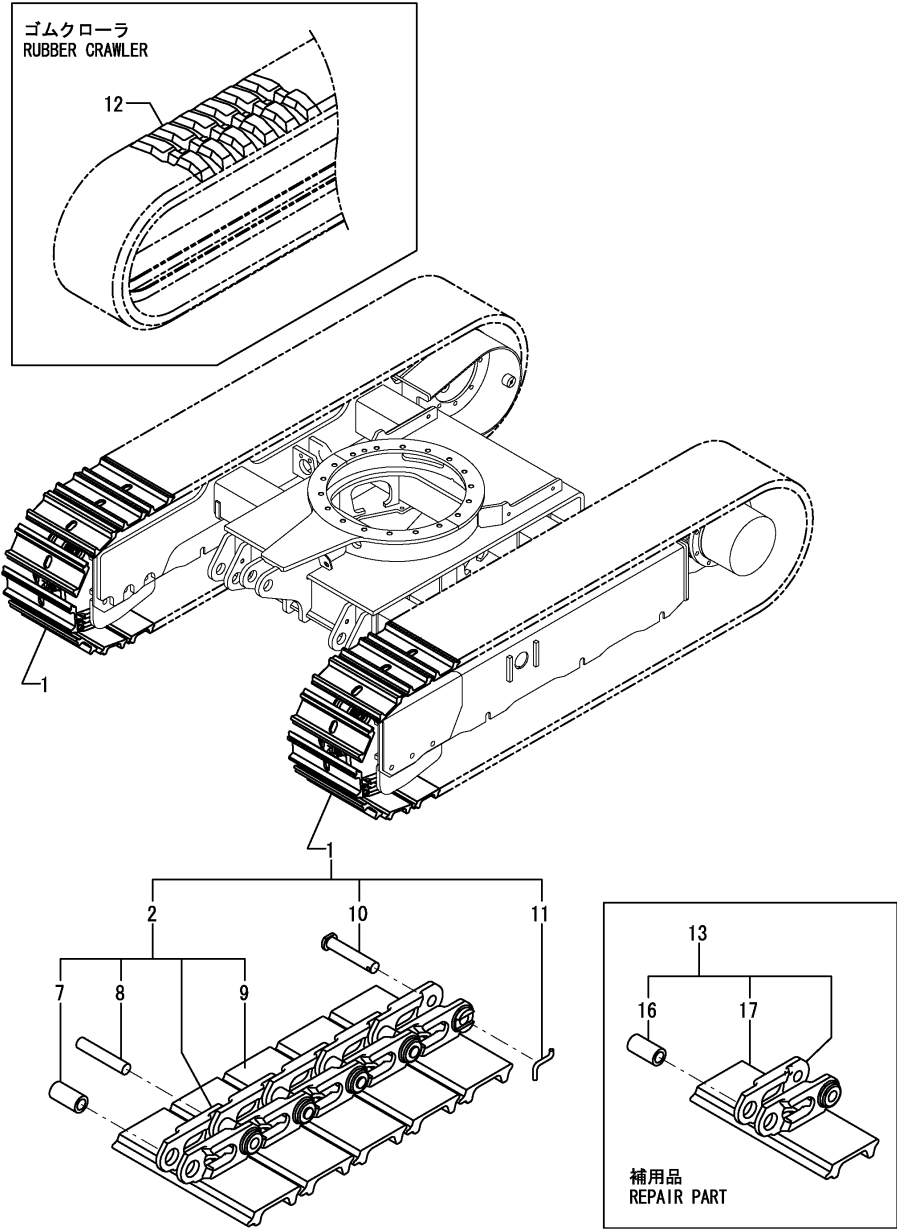


Remarks
(1)Rubber crawler specification.
(2)Iron crawler specification.

[illegible]

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

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(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-38100	CRAWLER ASSY	2							1
1-1	1	172448-38101	CRAWLER ASSY	2						N	
(A=M/#26233)											
2	2	172448-38110	LINK, TRACK (88)	2							
7	3	172173-38200	BUSH 22.15X43	72							
8	3	172173-38210	PIN(CRAWLER	70							
9	3	172448-38230	SHOE PLATE 230	72							
9-1	3	172448-38231	SHOE PLATE 230	72						N	
(A=M/#26233)											
10	2	172173-38220	PIN,MASTER	2							
11	2	172173-38300	PIN 4X22,LOCK	2							
12	1	172448-38600	CRAWLER, RUBBER	2	2						2
13	1	172448-38300	TRACK ASSY, MASTER	1							
13-1	1	172448-38301	TRACK ASSY, MASTER	1						N	
(A=M/#26233)											
16	2	172173-38200	BUSH 22.15X43	1							
17	2	172448-38231	SHOE PLATE 230	1							

Remarks
(1)IRON CRAWLER SPEC.
(2)RUBBER CRAWLER SPEC.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

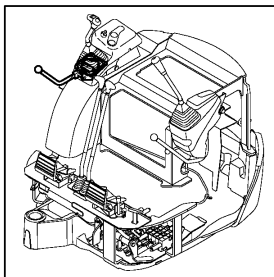
(D)=
(E)=
(F)=



A仕様
A SPEC.



B仕様
B SPEC.



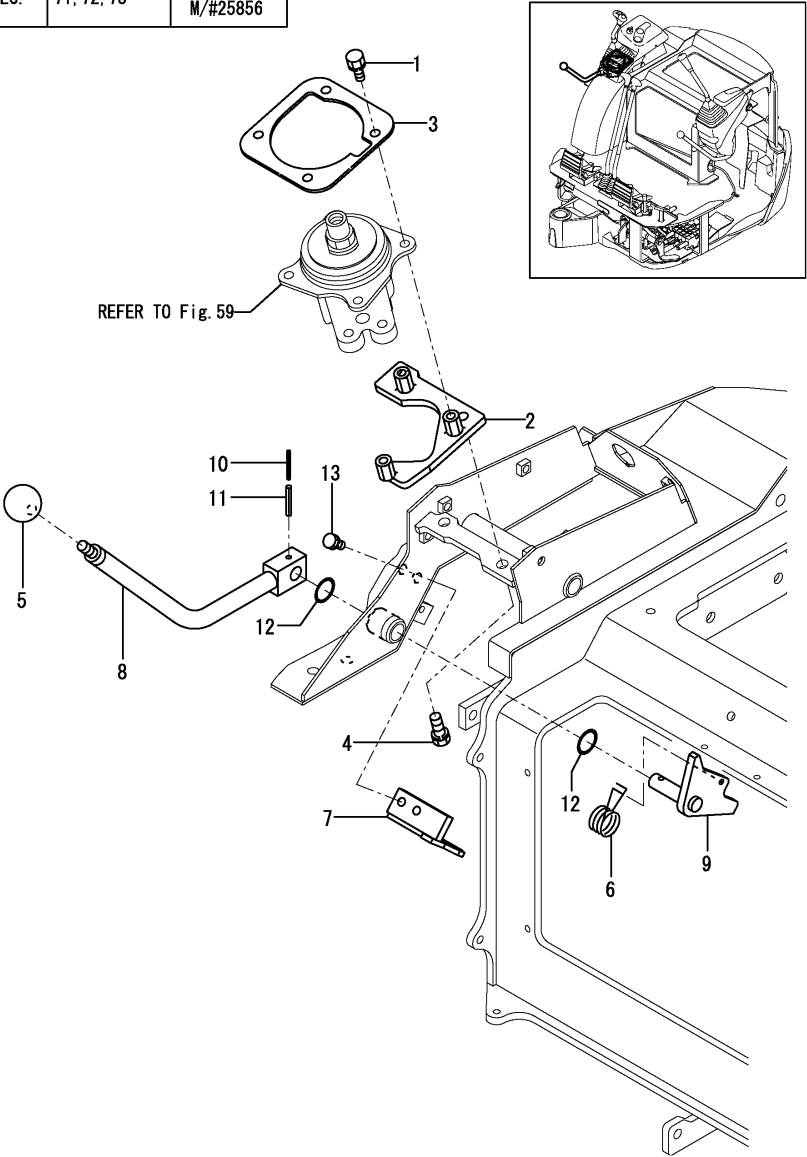
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT N6X30	3	3						
2	1	172448-46790	PLATE R,REMOTE CON.	1	1						
3	1	172455-46941	PLATE R,BOOTS (73)	1	1						
4	1	26013-100202	BOLT, M10X 20	2	2						
5	1	1D4070-23580	GRIP	1	1						
6	1	172165-45970	SPRING	1	1						
7	1	172448-46960	BRACKET,SW	1	1						
8	1	172448-47680	LOCK LEVER R(GRAY:72	1	1						
9	1	172448-47700	SHAFT ASSY, LEVER	1	1						
10	1	22351-030032	PIN, SPRING 3.0X32	1	1						
11	1	22351-050032	PIN, SPRING 5.0X32	1	1						
12	1	24311-000210	O-RING, 1AP21.0	2	2						
13	1	26013-080162	BOLT, M8X 16	2	2						

Fig.20. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)B-SPEC.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

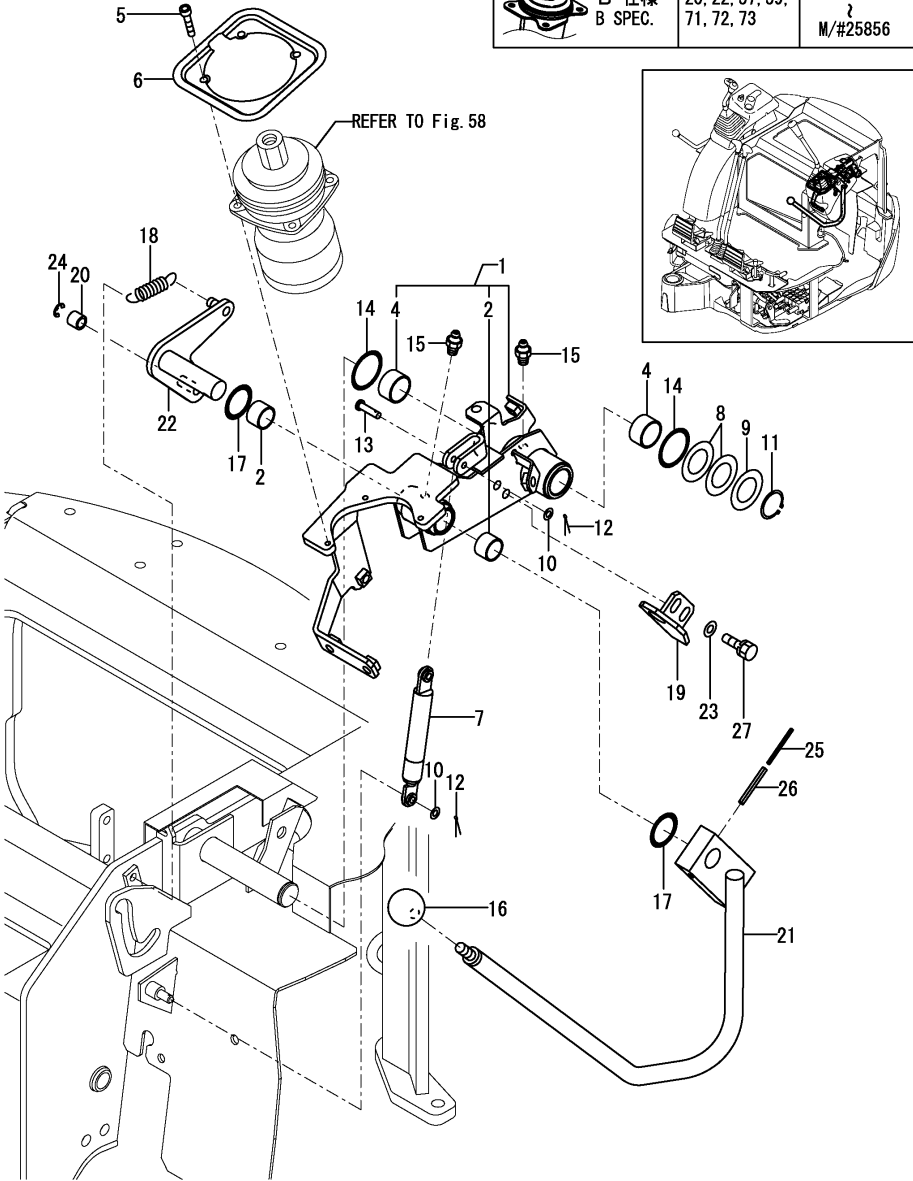
リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	26013-080162	BOLT, M8X 16	3	3						
2	1	172448-46850	PLATE	1	1						
3	1	172165-47711	PLATE	1	1						
4	1	26013-100202	BOLT, M10X 20	2	2						
5	1	1D4070-23580	GRIP	1	1						
6	1	172165-45970	SPRING	1	1						
7	1	172448-46960	BRACKET,SW	1	1						
8	1	172448-47680	LOCK LEVER R(GRAY:72	1	1						
9	1	172448-47700	SHAFT ASSY, LEVER	1	1						
10	1	22351-030032	PIN, SPRING 3.0X32	1	1						
11	1	22351-050032	PIN, SPRING 5.0X32	1	1						
12	1	24311-000210	O-RING, 1AP21.0	2	2						
13	1	26013-080162	BOLT, M8X 16	2	2						

Fig.21. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)A-SPEC.

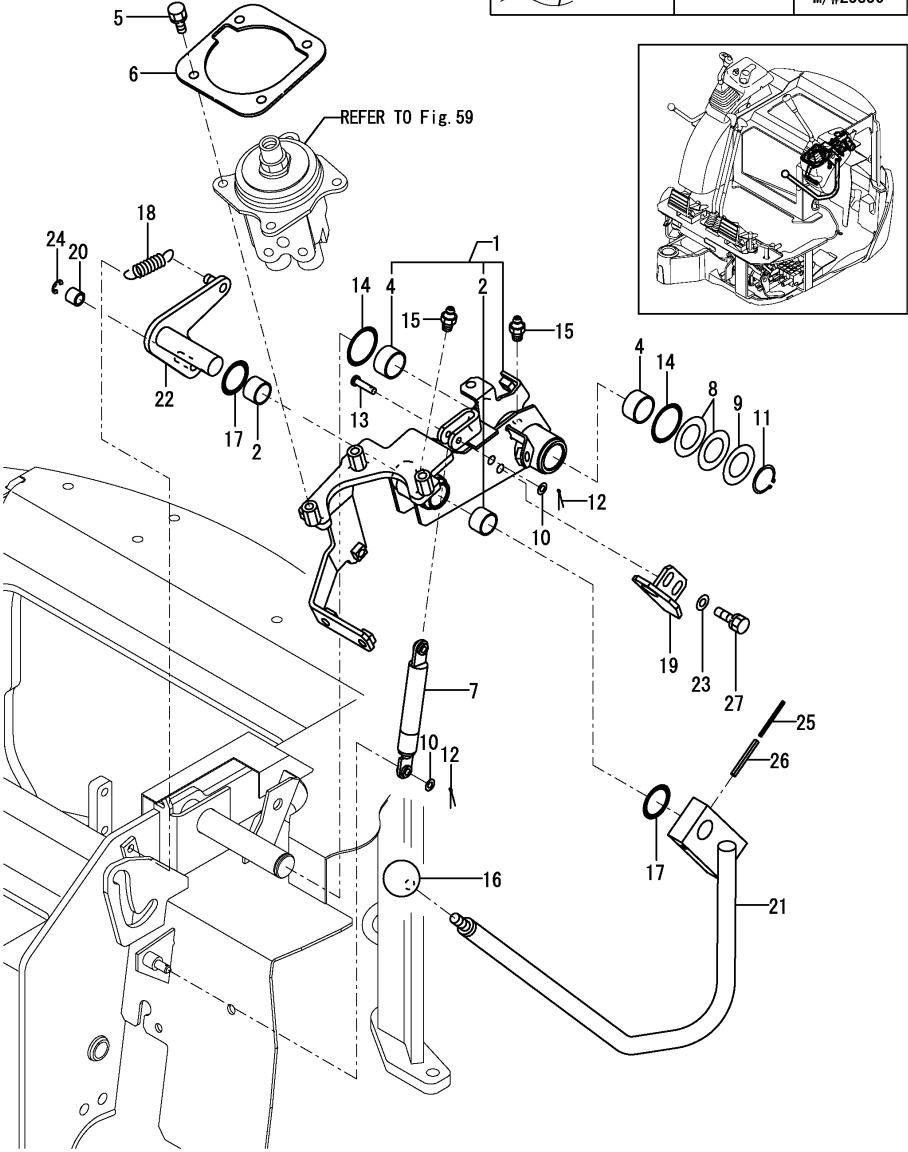
リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-46600	STAND ASSY, LEVER	1	1						
2	2	172141-41370	BUSH 2015	2	2						
4	2	24550-025150	BUSH, 25X15	2	2						
5	1	172458-46730	BOLT N6X30	3	3						
6	1	172455-46901	PLATE L, BOOTS (73)	1	1						
7	1	172448-47900	SPRING, GAS GS044	1	1						
8	1	172165-47980	SHIM	2	2						
9	1	172165-47990	WASHER 25.5X42	1	1						
10	1	22137-060000	WASHER, 6	2	2						
11	1	22242-000250	RING, 25	1	1						
12	1	22417-160160	PIN, COTTER 1.6X16	2	2						
13	1	22487-060240	PIN, H 6X 24	1	1						
14	1	24311-000340	O-RING, 1AP34.0	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	1D4070-23580	GRIP	1	1						
17	1	172124-46200	O-RING	2	2						
18	1	172162-46690	SPRING	1	1						
19	1	172448-46950	BRACKET, CUTOFF SW	1	1						
20	1	172165-47550	BUSH	1	1						
21	1	172448-47620	LEVER L, LOCK (GRAY:72)	1							
21-1	1	172448-47621	LEVER L, LOCK (GRAY:72)	1	1						N
(A=M/#25741)											
22	1	172448-47650	SHAFT ASSY, LEVER	1	1						
23	1	22137-080000	WASHER, 8	2	2						
24	1	22272-000070	RING, E- 7	1	1						
25	1	22351-035040	PIN, SPRING 3.5X40	1							
25-1	1	22351-035050	PIN, SPRING 3.5X50	1	1						N
(A=M/#20504)											
26	1	22351-060040	PIN, SPRING 6.0X40	1							
26-1	1	22351-060050	PIN, SPRING 6.0X50	1	1						N
(A=M/#20504)											
27	1	26013-080202	BOLT, M8X 20	2	2						

Fig.22. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)B-SPEC.

リモコンバルブ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856

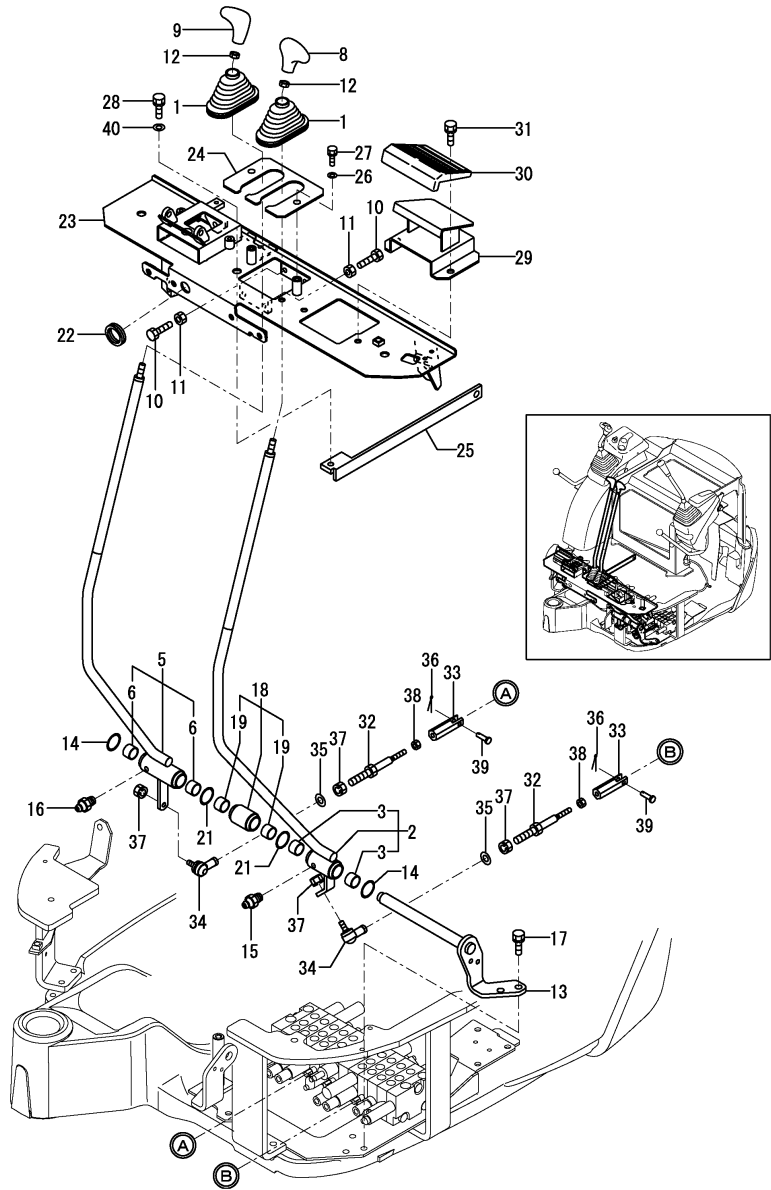


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-46800	STAND ASSY, LEVER	1	1						
2	2	172141-41370	BUSH 2015	2	2						
4	2	24550-025150	BUSH, 25X15	2	2						
5	1	26013-080162	BOLT, M8X 16	3	3						
6	1	172165-47711	PLATE	1	1						
7	1	172448-47900	SPRING, GAS GS044	1	1						
8	1	172165-47980	SHIM	2	2						
9	1	172165-47990	WASHER 25.5X42	1	1						
10	1	22137-060000	WASHER, 6	2	2						
11	1	22242-000250	RING, 25	1	1						
12	1	22417-160160	PIN, COTTER 1.6X16	2	2						
13	1	22487-060240	PIN, H 6X 24	1	1						
14	1	24311-000340	O-RING, 1AP34.0	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	1D4070-23580	GRIP	1	1						
17	1	172124-46200	O-RING	2	2						
18	1	172162-46690	SPRING	1	1						
19	1	172448-46950	BRACKET, CUTOFF SW	1	1						
20	1	172165-47550	BUSH	1	1						
21	1	172448-47620	LEVER L, LOCK (GRAY:72	1	1						
22	1	172448-47650	SHAFT ASSY, LEVER	1	1						
23	1	22137-080000	WASHER, 8	2	2						
24	1	22272-000070	RING, E- 7	1	1						
25	1	22351-035050	PIN, SPRING 3.5X50	1	1						
26	1	22351-060050	PIN, SPRING 6.0X50	1	1						
27	1	26013-080202	BOLT, M8X 20	2	2						

Fig.23. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

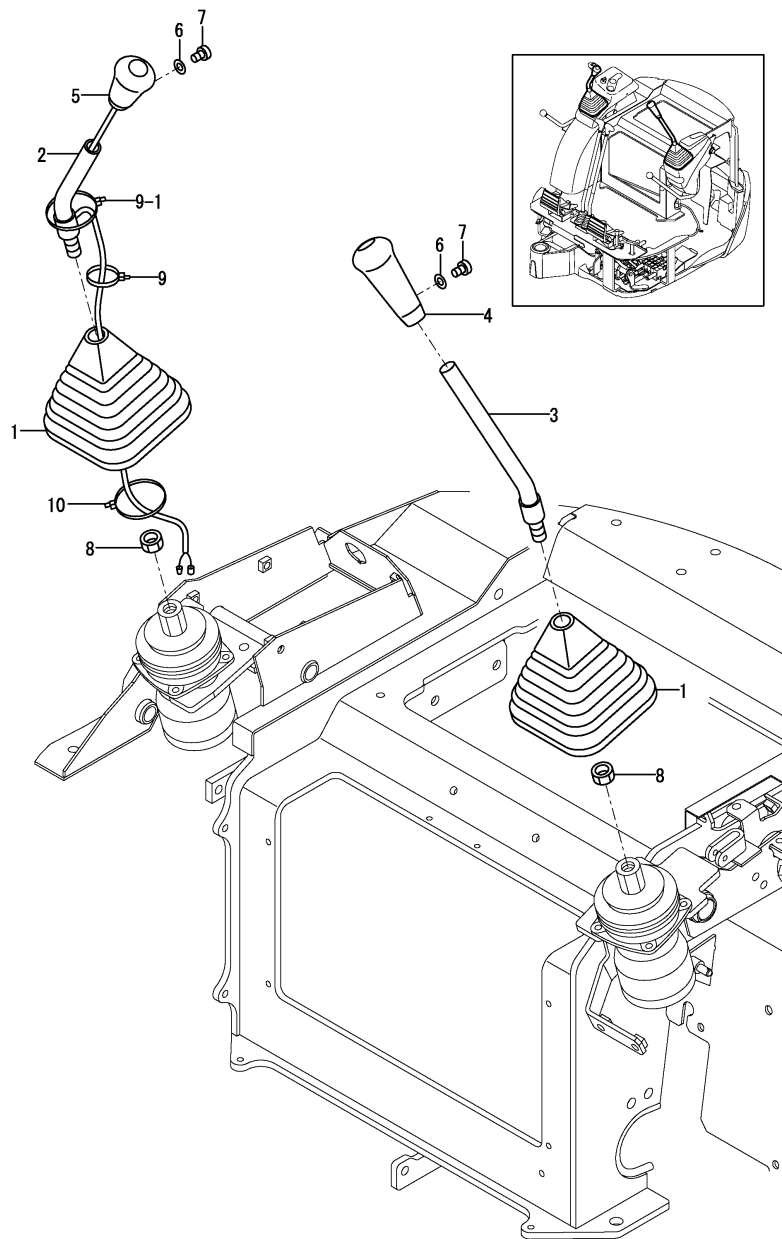
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOTS	2	2						
2	1	172448-45100	LEVER L, TRACK(GRAY72	1							
2-1	1	172448-45101	LEVER L, TRACK(GRAY72	1	1						N
(A=M/#20847)											
3	2	172141-41370	BUSH 2015	2	2						
5	1	172448-45140	LEVER R, TRACK(GRAY72	1							
5-1	1	172448-45141	LEVER R ASSY, TRACK72	1							N
(A=M/#20689)											
5-2	1	172448-45142	LEVER R, TRACK (72)	1	1						N
(A=M/#20847)											
6	2	172141-41370	BUSH 2015	2	2						
8	1	172164-45951	GRIP, DRIVE	1	1						
9	1	172164-45961	GRIP, DRIVE	1	1						
10	1	26116-100404	BOLT, M10X 40 PLATED	4	4						
11	1	26716-100002	NUT, M10	4	4						
12	1	26756-100002	NUT, LOCK M10	2	2						
13	1	172448-45570	SHAFT ASSY, TRACK	1	1						
14	1	172124-46200	O-RING	2	2						
15	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
16	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
17	1	26013-100252	BOLT, M10X 25	2	2						
18	1	172448-46150	LINK ASSY, STD	1	1						1
19	2	172141-41370	BUSH 2015	2	2						1
21	1	172124-46200	O-RING	2	2						1
22	1	172187-16560	GROMMET	1	1						
23	1	172448-45400	STAND, PEDAL	1							
23-1	1	172448-45401	STAND, PEDAL	1	1					N	2
(A=M/#20550)											
24	1	172448-45510	PLATE, TRACK(BLACK:12	1	1						
25	1	172448-45520	RIB, STEP	1	1						
26	1	22137-080000	WASHER, 8	2	2						
27	1	26013-080162	BOLT, M8X 16	2	2						
28	1	26013-100202	BOLT, M10X 20	2	2						
29	1	172448-45350	FOOTLEST L(BLACK:12)	1	1						1
30	1	172187-45760	COVER PAD	1	1						1
31	1	26013-100202	BOLT, M10X 20	2	2						1
32	1	172448-45260	ROD 90	2	2						
33	1	172448-45660	ROD, SPOOL	2	2						
34	1	172122-46590	ELBOW	2	2						
35	1	22117-080000	WASHER, 8	2	2						
36	1	22417-160160	PIN, COTTER 1.6X16	2	2						
37	1	26051-080002	NUT, M8	4	4						
38	1	26716-050002	NUT, M5	2	2						
39	1	933110-54100	PIN 4.75X14	2	2						
40	1	22137-100000	WASHER, 10	2	2						

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH FIG.NO.71
REF.NO.6 & NO.7.

Fig.24. CONTROL EQUIPMENT(OPERATION LEVER)



Remarks
(1)A KNOB WITH A BUILT-IN
HORN SWITCH.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172151-45010	BOOT P,LEVER	2	2					
2	1	172448-45010	LEVER R (GRAY:72)	1	1					
3	1	172448-45030	LEVER L (GRAY:72)	1	1					
4	1	172165-45071	KNOB ASSY	1	1					
5	1	172165-47871	KNOB ASSY	1	1					1
6	1	22117-040000	WASHER, 4	2	2					
7	1	26587-040062	SCREW, M4X 6	2	2					
8	1	26776-140002	NUT, LOCK M14	2	2					
9	1	933168-55770	BAND 146	2						
9-1	1	933168-55770 (A=M/#20847)	BAND 146	1	1					K
10	1	172183-16560 (A=M/#20847)	CLIP, HOSE	1	1					W

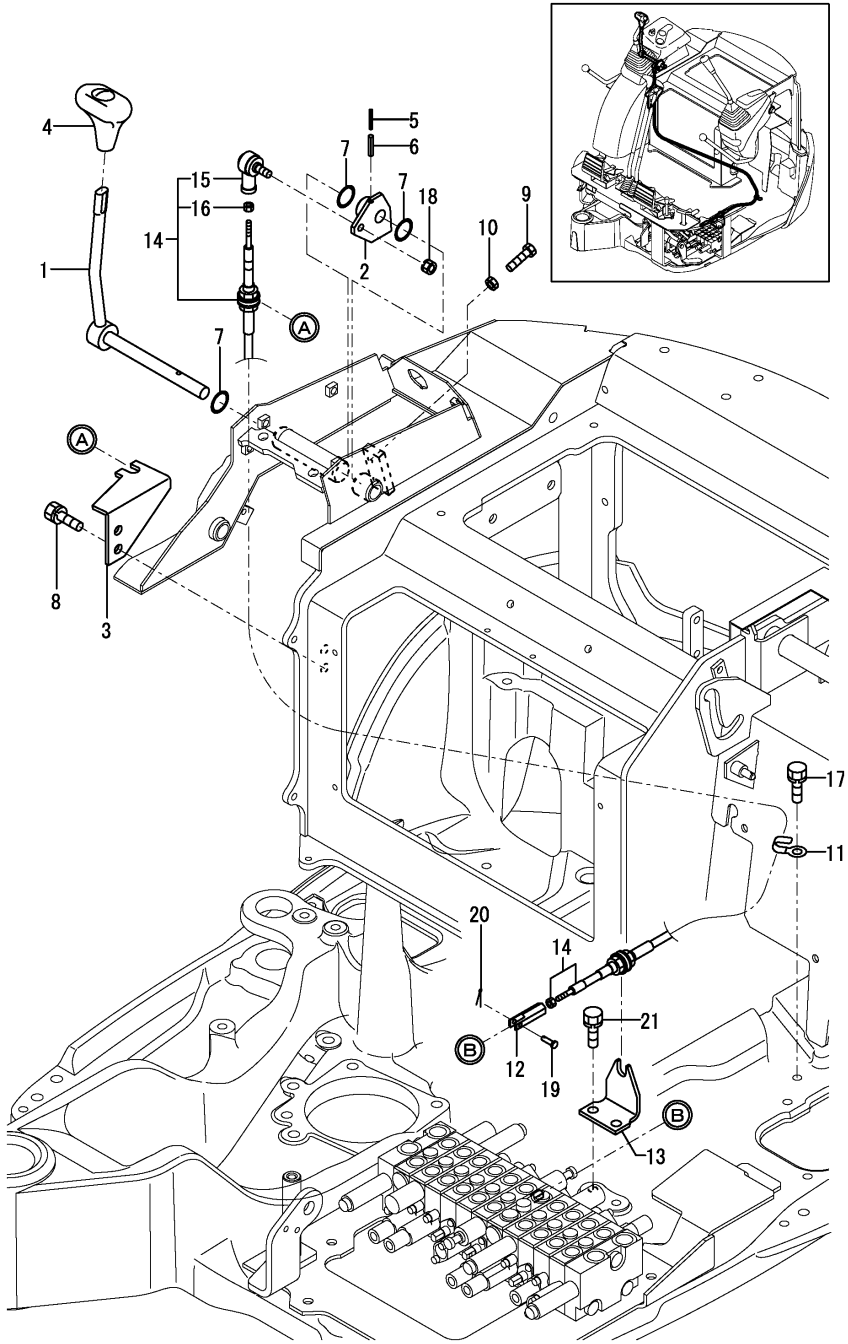
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.25. CONTROL EQUIPMENT(BLADE LEVER)

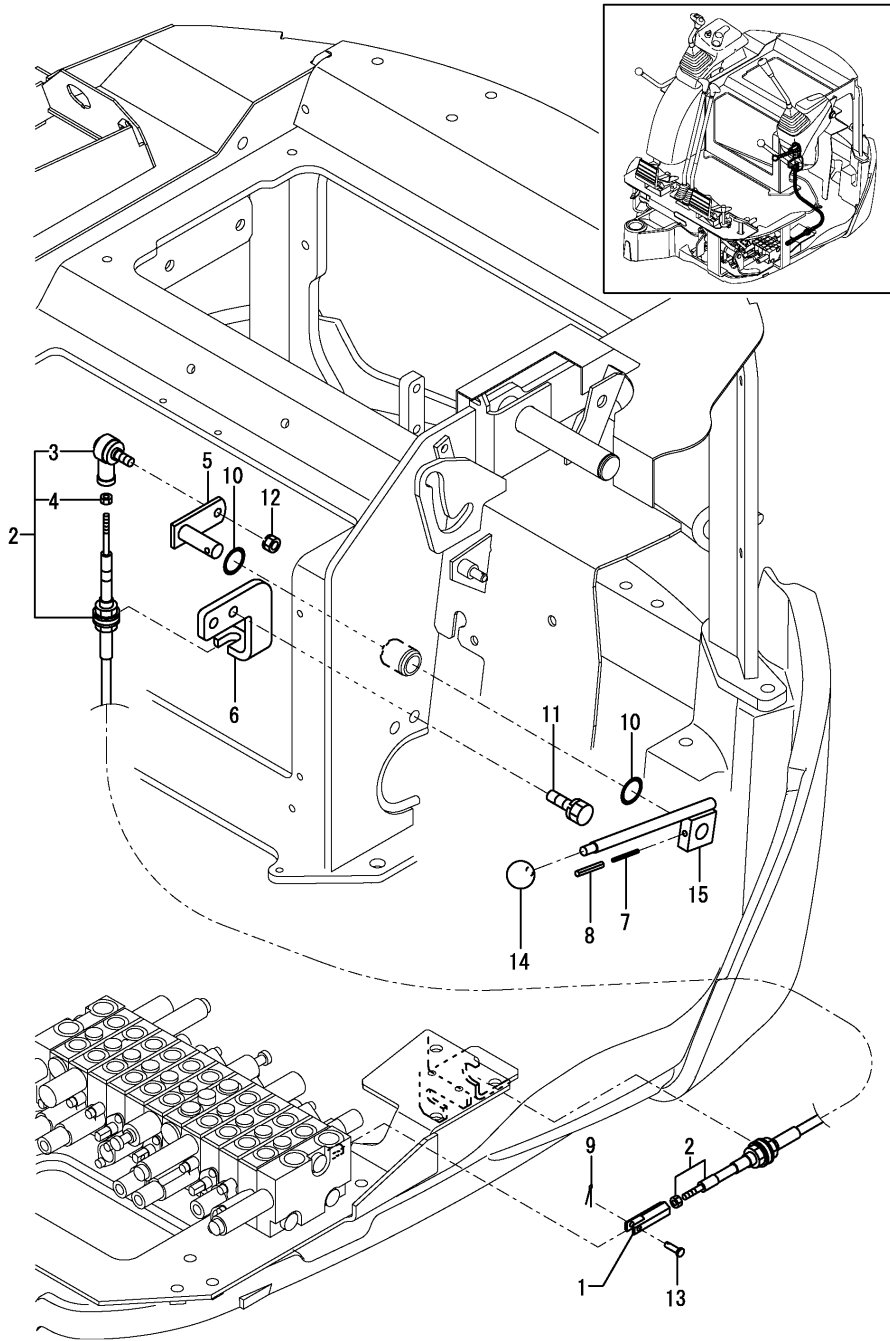
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45700	LEVER,BLADE(GRAY:72)	1	1						
2	1	172448-45740	PLATE,BLADE	1	1						
3	1	172448-45780	BRACKET,BLADE WIRE	1							
3-1	1	172448-45770	BRACKET,BLADE	1	1						N
(A=M/#20550)											
3-2	1	172448-45771	BRACKET, BLADE	1	1						N
(A=XXX) (B=XXX)											
4	1	172164-45970	GRIP, BLADE	1	1						
5	1	22351-030025	PIN, SPRING 3.0X25	1	1						
6	1	22351-050025	PIN, SPRING 5.0X25	1	1						
7	1	24311-000210	O-RING, 1AP21.0	3	3						
8	1	26013-100202	BOLT, M10X 20	2	2						
9	1	26116-080304	BOLT, M8X 30 PLATED	2	2						
10	1	26716-080002	NUT, M8	2	2						
11	1	172126-16540	CLAMP	1	1						
12	1	172448-45660	ROD,SPOOL	1	1						
13	1	172448-45840	BRACKET,BR CABLE	1	1						
14	1	172448-45850	CABLE, BLADE	1	1						
15	2	172458-45810	JOINT, BALL	1	1						W
(A=M/#20501)											
16	2	26757-050002	NUT, LOCK M5	1	1						W
(A=M/#20501)											
17	1	26013-100202	BOLT, M10X 20	1	1						
18	1	26051-080002	NUT, M8	1	1						
19	1	933110-54100	PIN 4.75X14	1	1						
20	1	22417-160160	PIN, COTTER 1.6X16	1	1						
21	1	26013-100202	BOLT, M10X 20	2	2						

Fig.26. CONTROL EQUIPMENT(VARIABLE LEG LEVER)

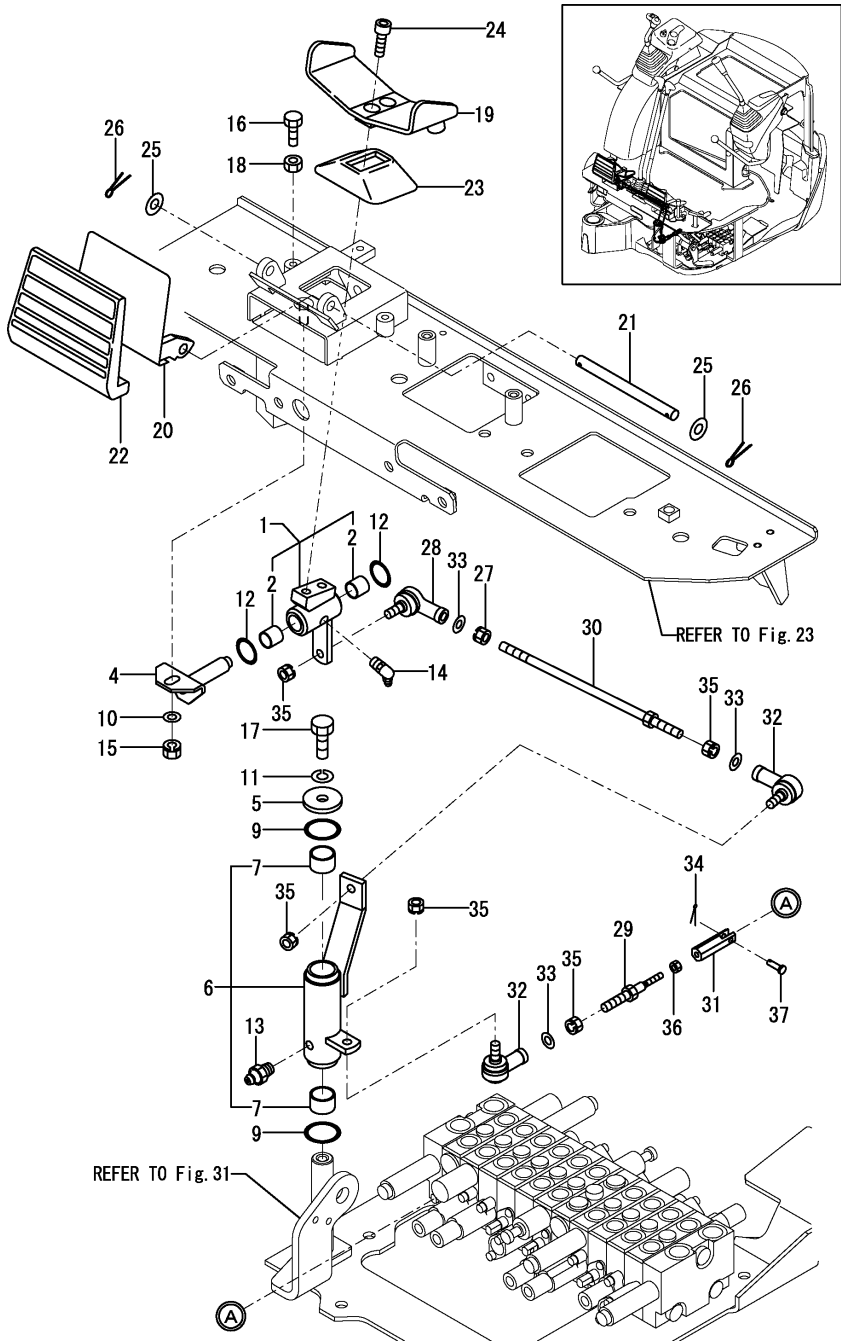


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45660	ROD,SPOOL	1	1						
2	1	172448-45870	CABLE	1	1						
3	2	172458-45810	JOINT, BALL	1	1						W
(A=M/#20501)											
4	2	26757-050002	NUT, LOCK M5	1	1						W
(A=M/#20501)											
5	1	172448-47830	LINK,W/S	1	1						
6	1	172448-47860	BRACKET,W/S	1	1						
7	1	22351-030032	PIN, SPRING 3.0X32	1	1						
8	1	22351-050032	PIN, SPRING 5.0X32	1	1						
9	1	22417-160160	PIN, COTTER 1.6X16	1	1						
10	1	24311-000210	O-RING, 1AP21.0	2	2						
11	1	26013-100202	BOLT, M10X 20	2	2						
12	1	26051-080002	NUT, M8	1	1						
13	1	933110-54100	PIN 4.75X14	1	1						
14	1	172446-45950	KNOB, LEVER	1	1						
15	1	172448-47800	LEVER,W/S (GRAY:72)	1							
15-1	1	172448-47801	LEVER,W/S (GRAY:72)	1	1						N
(A=M/#20550)											

Fig.27. CONTROL EQUIPMENT(SWING PEDAL)

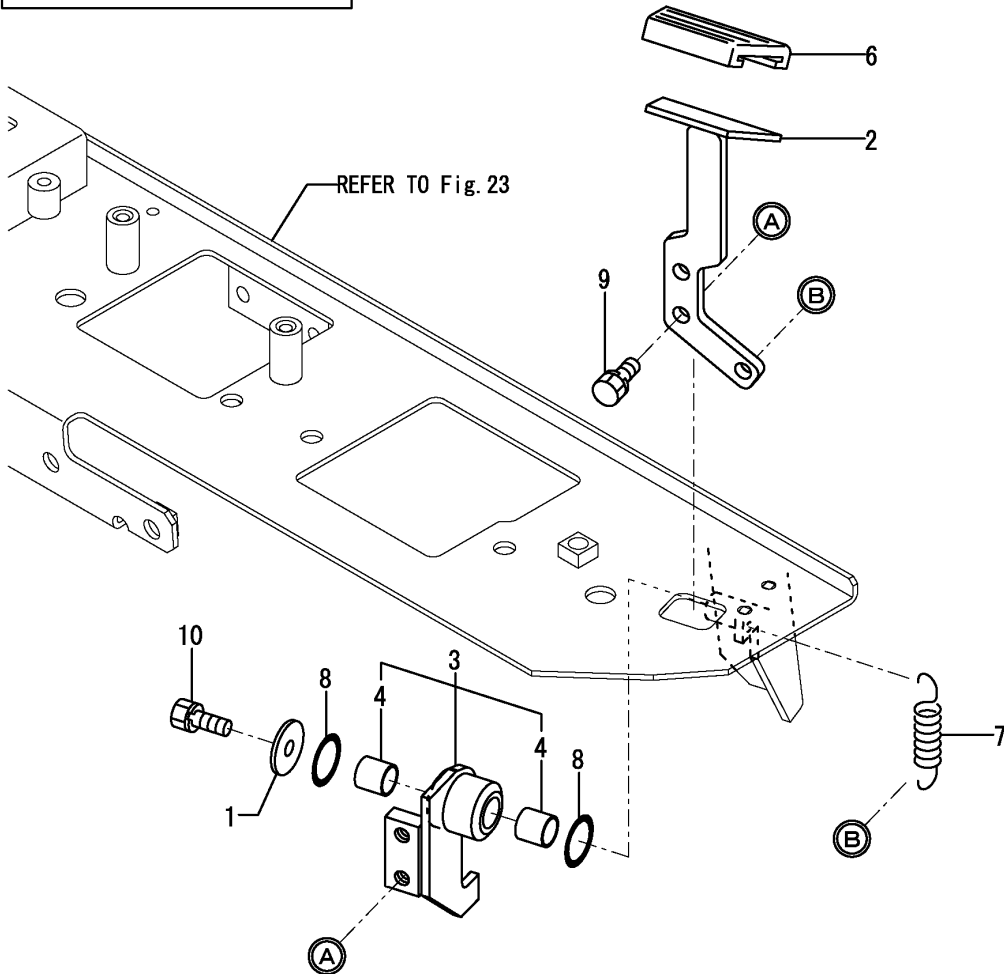
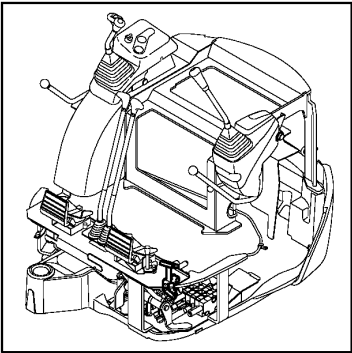
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45200	LINK,SWING ASSY	1	1						
2	2	172141-41360	BUSH 1415	2	2						
4	1	172187-45530	SHAFT ASSY	1	1						
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1						
6	1	172448-46120	LINK SWING ASSY	1	1						
7	2	172141-41370	BUSH 2015	2	2						
9	1	172124-46200	O-RING	2	2						
10	1	22137-080000	WASHER, 8	1	1						
11	1	22217-100000	WASHER, SPRING 10	1	1						
12	1	24311-000210	O-RING, 1AP21.0	2	2						
13	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
14	1	24761-040000	NIPPLE, GREASE B	1	1						
15	1	26051-080002	NUT, M8	1	1						
16	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
17	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
18	1	26716-080002	NUT, M8	2	2						
19	1	172458-45521	PEDAL,SWING(GRAY:72)	1	1						
20	1	172458-45540	COVER, PEDAL	1	1						
21	1	172187-45650	SHAFT, COVER	1							
21-1	1	172187-45651	SHAFT	1	1						R
(A=M/#20941)											
22	1	172187-45760	COVER PAD	1	1						
23	1	172157-45990	BOOTS, PEDAL	1	1						
24	1	172165-46340	BOLT	2	2						
25	1	22137-100000	WASHER, 10	2							
25-1	1	22137-100000	WASHER, 10	1	1						K
(A=M/#20941)											
26	1	22417-250200	PIN, COTTER 2.5X20	2							
26-1	1	22417-250200	PIN, COTTER 2.5X20	1	1						K
(A=M/#20941)											
27	1	194200-37780	NUT, M8	1	1						
28	1	172734-41300	JOINT, BALL	1	1						
29	1	172448-45290	ROD 75	1	1						
30	1	172146-45630	ROD, OFFSET	1	1						
31	1	172448-45660	ROD,SPOOL	1	1						
32	1	172122-46590	ELBOW	2	2						
33	1	22117-080000	WASHER, 8	3	3						
34	1	22417-160160	PIN, COTTER 1.6X16	1	1						
35	1	26051-080002	NUT, M8	5	5						
36	1	26716-050002	NUT, M5	1	1						
37	1	933110-54100	PIN 4.75X14	1	1						

Fig.28. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

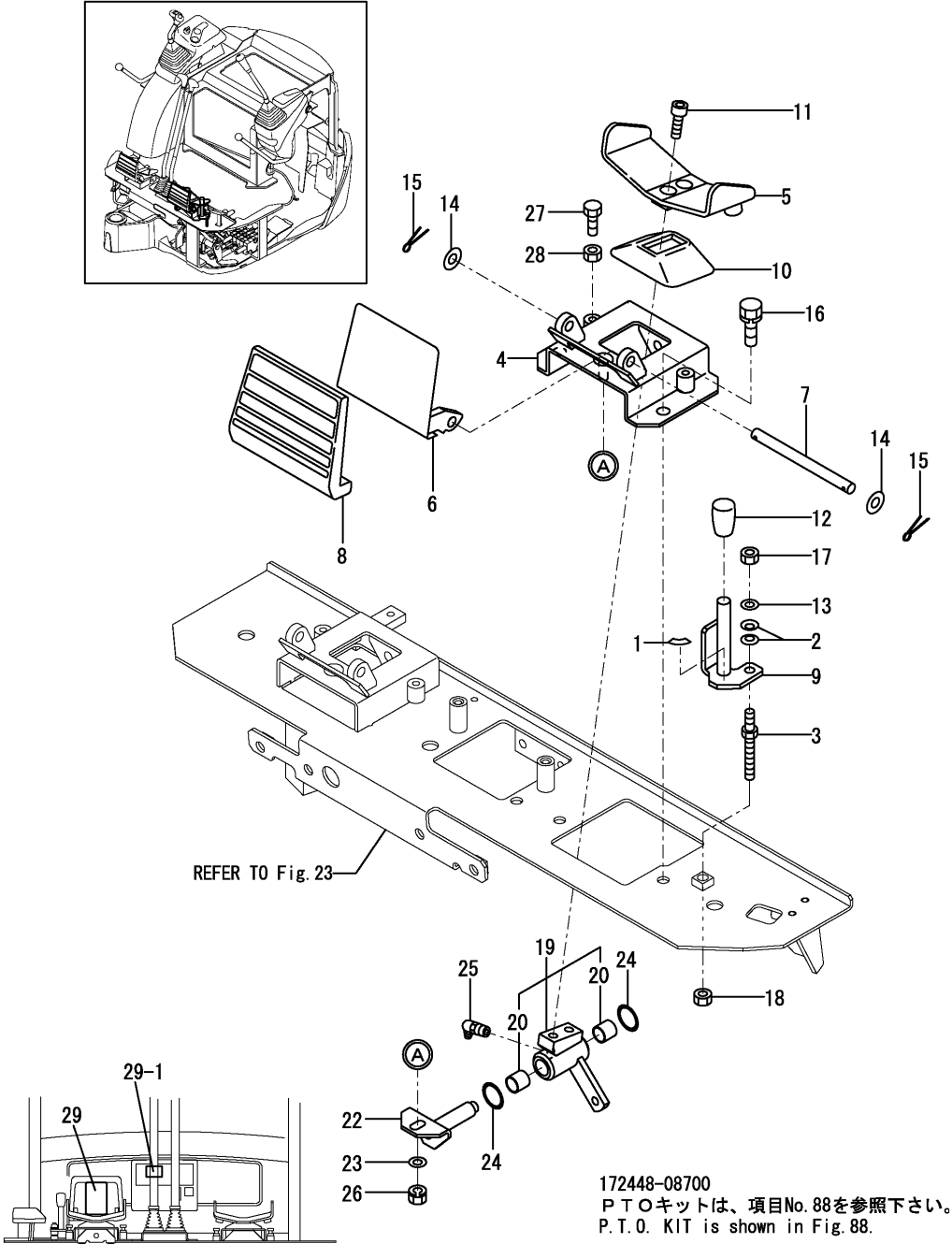


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1040-43900	WASHER, SPRING	1	1						
2	1	172448-45900	PEDAL (GRAY:72)	1	1						
3	1	172448-45920	BRACKET ASSY,PEDAL	1	1						
4	2	172141-41360	BUSH 1415	2	2						
6	1	172458-45950	PAD,PEDAL	1	1						
7	1	172162-46690	SPRING	1	1						
8	1	24311-000210	O-RING, 1AP21.0	2	2						
9	1	26013-080162	BOLT, M8X 16	2	2						
10	1	26013-080202	BOLT, M8X 20	1	1						

Fig.29. CONTROL EQUIPMENT(P.T.O. PEDAL)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

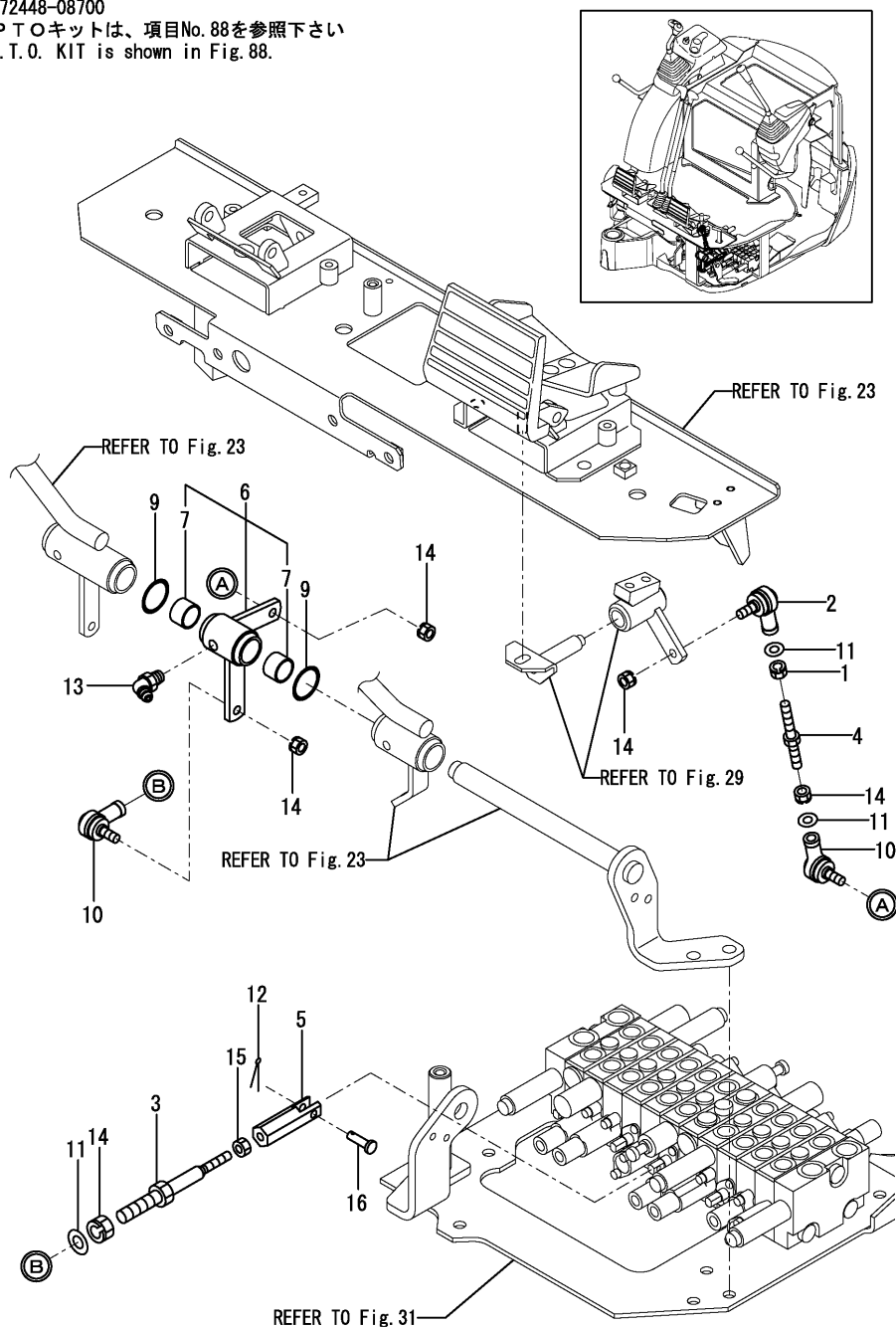
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-03240	LABEL, LOCK	1	1						
2	1	172068-28490	SPRING	2	2						
3	1	172448-45300	BOLT 8X75	1	1						
4	1	172448-45380	BRACKET, PTO (BLACK:12	1	1						
5	1	172458-45521	PEDAL, SWING (GRAY:72)	1	1						
6	1	172458-45540	COVER, PEDAL	1	1						
7	1	172187-45650	SHAFT, COVER	1							
7-1	1	172187-45651	SHAFT	1	1						R
(A=M/#20941)											
8	1	172187-45760	COVER PAD	1	1						
9	1	172472-45960	LOCK ASSY (GRAY:72)	1							
9-1	1	172448-45800	PLATE, LOCK (PTO (11)	1	1						N
(A=M/#20503)											
10	1	172157-45990	BOOTS, PEDAL	1	1						
11	1	172165-46340	BOLT	2	2						
12	1	172116-46630	KNOB, LEVER	1							Z
(A=M/#20503)											
13	1	22137-080000	WASHER, 8	1	1						
14	1	22137-100000	WASHER, 10	2							
14-1	1	22137-100000	WASHER, 10	1	1						K
(A=M/#20941)											
15	1	22417-250200	PIN, COTTER 2.5X20	2							
15-1	1	22417-250200	PIN, COTTER 2.5X20	1	1						K
(A=M/#20941)											
16	1	26013-100202	BOLT, M10X 20	2	2						
17	1	26347-080002	NUT, M8	1	1						
18	1	26716-080002	NUT, M8	1	1						
19	1	172448-45220	LINK ASSY, PTO	1	1						
20	2	172141-41360	BUSH 1415	2	2						
22	1	172187-45530	SHAFT ASSY	1	1						
23	1	22137-080000	WASHER, 8	1	1						
24	1	24311-000210	O-RING, 1AP21.0	2	2						
25	1	24761-040000	NIPPLE, GREASE B	1	1						
26	1	26051-080002	NUT, M8	1	1						
27	1	26116-080254	BOLT, M8X 25 PLATED	2	2						
28	1	26716-080002	NUT, M8	2	2						
29	1	172165-03231	LABEL, P.T.O.	1	1						
29-1	1	172496-03250	LABEL, P.T.O.	1	1						N
(A=M/#21434) (B=M/#21434)											

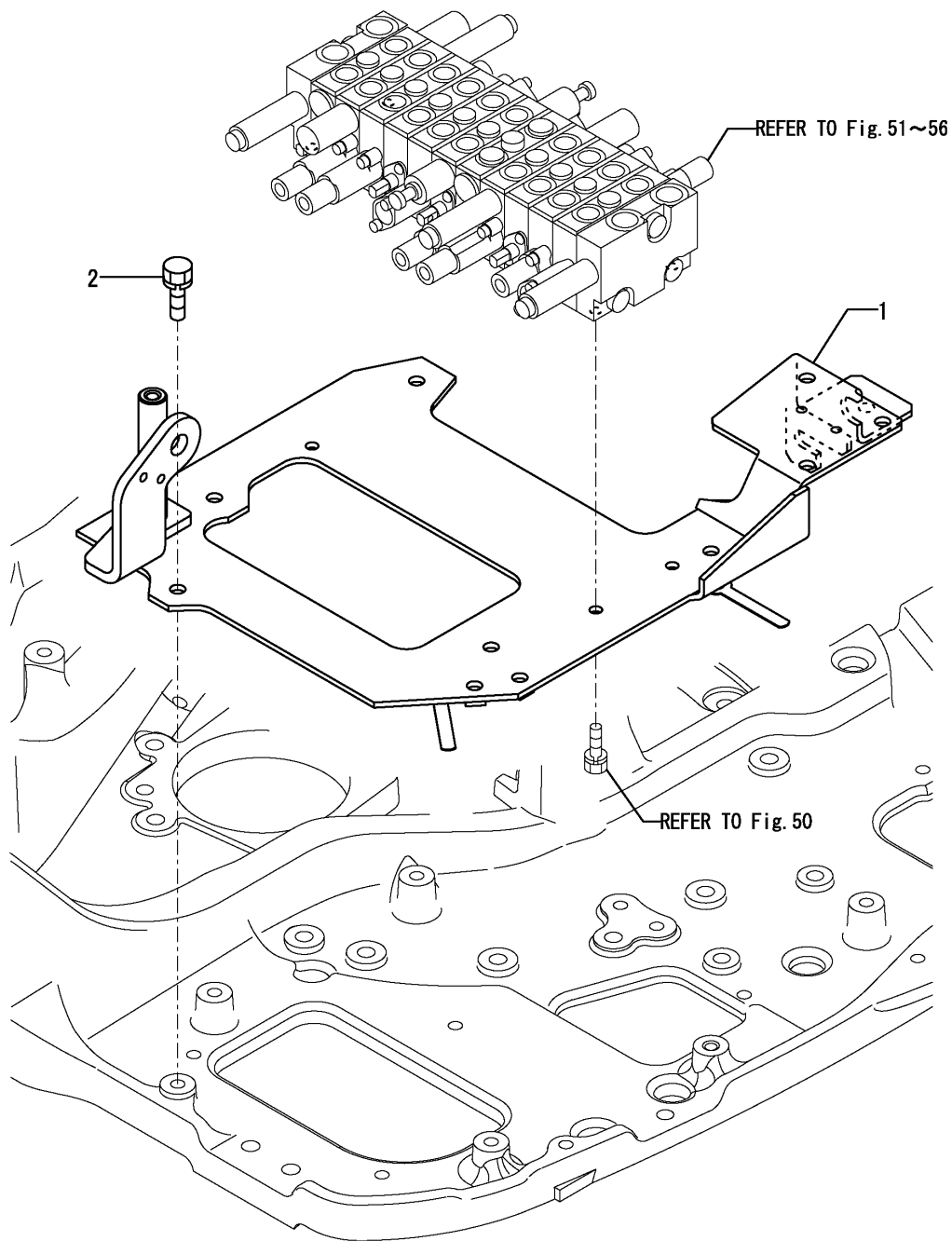
Fig.30. CONTROL EQUIPMENT(P.T.O. LINK)

P.T.O. KIT is shown in Fig. 88.



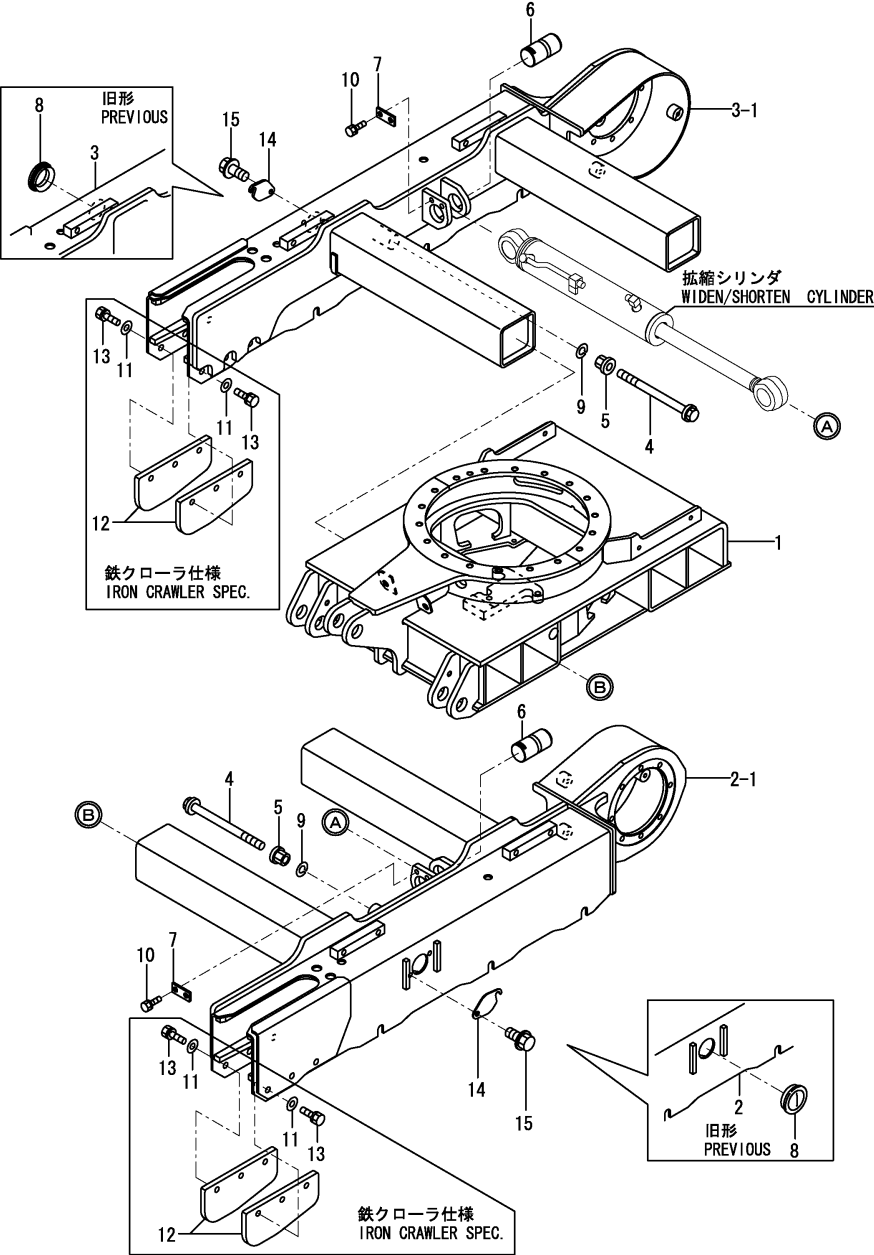
No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	194200-37780	NUT, M8	1	1					
2	1	172734-41300	JOINT, BALL	1	1					
3	1	172448-45260	ROD 90	1	1					
4	1	172469-45360	ROD 77	1	1					
5	1	172448-45660	ROD,SPOOL	1	1					
6	1	172448-46100	LINK ASSY,PTO	1	1					
7	2	172141-41370	BUSH 2015	2	2					
9	1	172124-46200	O-RING	2	2					
10	1	172122-46590	ELBOW	2	2					
11	1	22117-080000	WASHER, 8	3	3					
12	1	22417-160160	PIN, COTTER 1.6X16	1	1					
13	1	24761-040000	NIPPLE, GREASE B	1	1					
14	1	26051-080002	NUT, M8	5	5					
15	1	26716-050002	NUT, M5	1	1					
16	1	933110-54100	PIN 4.75X14	1	1					

Fig.31. CONTROL VALVE PLATE



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-45960	PLATE, VALVE	1	1						
2	1	26013-100252	BOLT, M10X 25	6	6						

OCK10-M37902 FRAME
Fig.32. TRACK FRAME



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-50200	FRAME,LOWER CENTER	1	1						
2	1	172448-50400	FRAME,CRAWER L (88)	1	1						
2-1	1	172448-50401	FRAME,CRAWER L (88)	1	1						S
(A=M/#21434) (B=M/#21434)											
3	1	172448-50410	FRAME,CRAWER R (88)	1	1						
3-1	1	172448-50411	FRAME,CRAWER R (88)	1	1						S
(A=M/#21434) (B=M/#21434)											
4	1	172448-50700	BOLT,STOPPER	2	2						
5	1	172448-50720	NUT ASSY, STOPPER	2	2						
6	1	172448-50760	PIN 40-70	2	2						
7	1	172448-50770	PLATE (GREEN:88)	2	2						
8	1	172141-50890	GROMMET	2	2						Z
(A=M/#21434) (B=M/#21434)											
9	1	22212-160000	SPRING WAHER 16	2	2						
10	1	26013-100162	BOLT, M10X 16	4	4						
11	1	172730-05250	WASHER 12	12							1
12	1	172448-50800	GUARD, SHOE	4							1
13	1	26013-120302	BOLT, M12X 30	12							1
14	1	172458-50480	COVER, FRAME	2	2						W
(A=M/#21434) (B=M/#21434)											
15	1	26106-100122	BOLT, M10X 12 PLATED	4	4						W
(A=M/#21434) (B=M/#21434)											

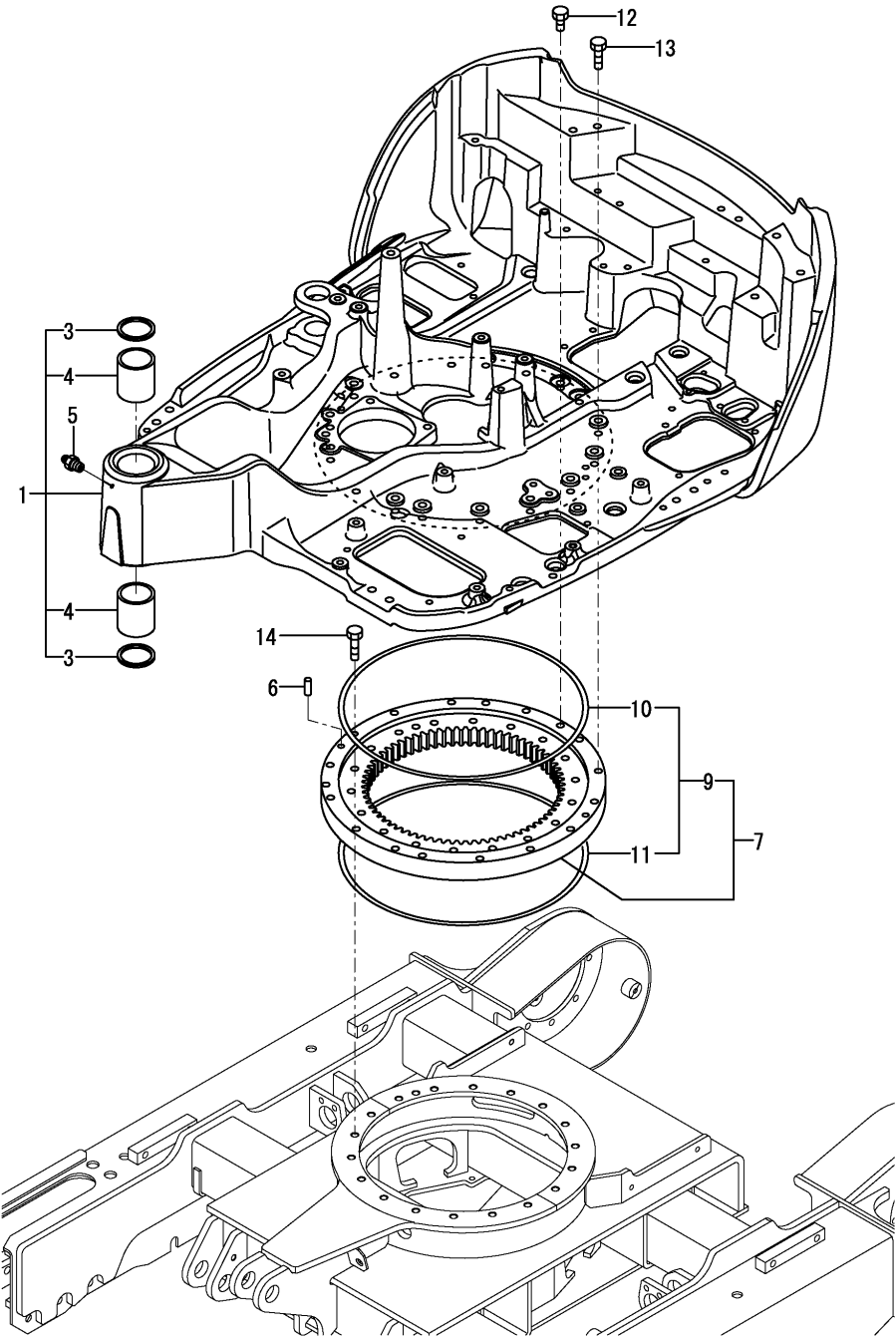
Remarks
(1)IRON CRAWLER SPEC.

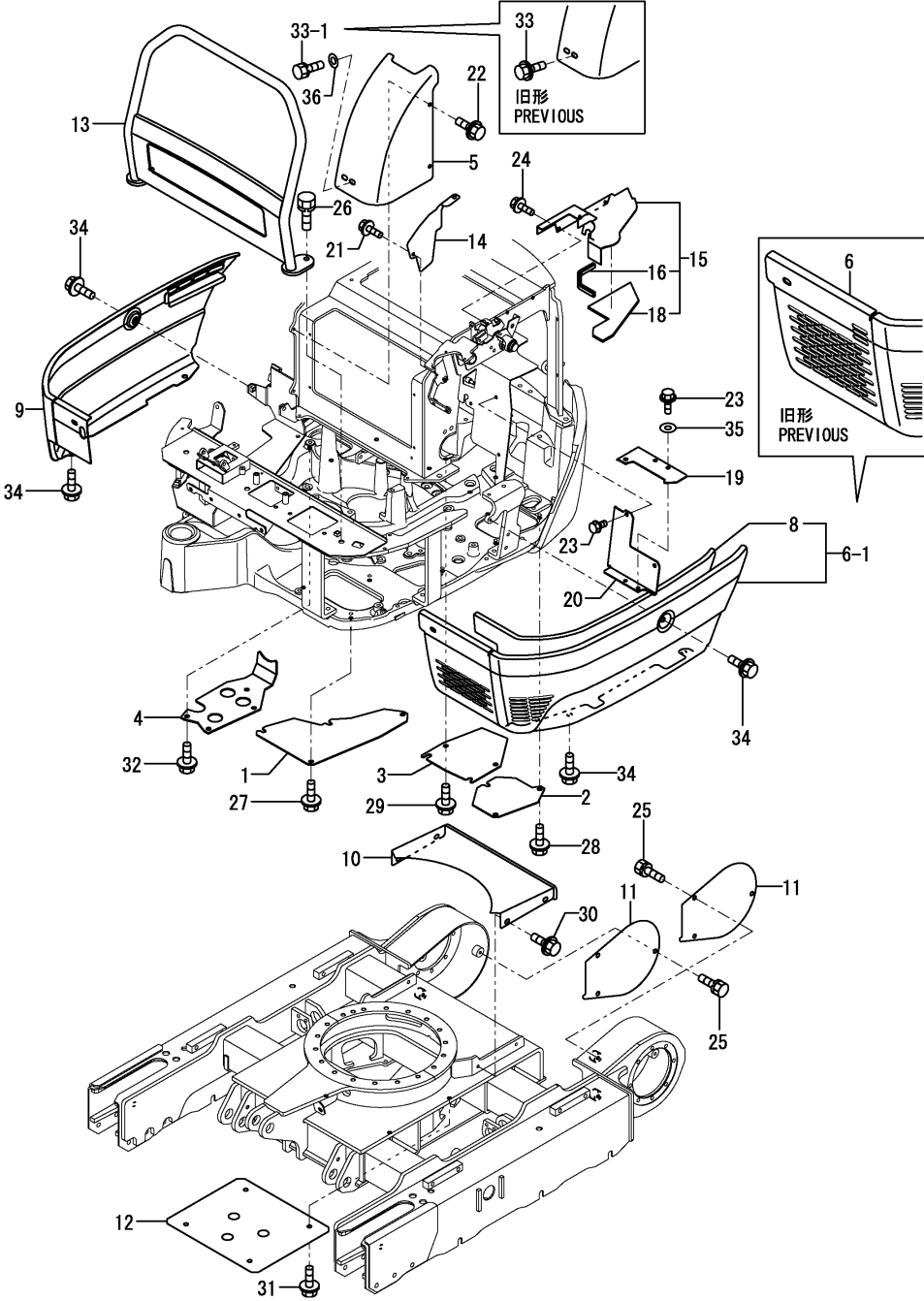
Fig.33. TURNING FRAME & TURNING BEARIN

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

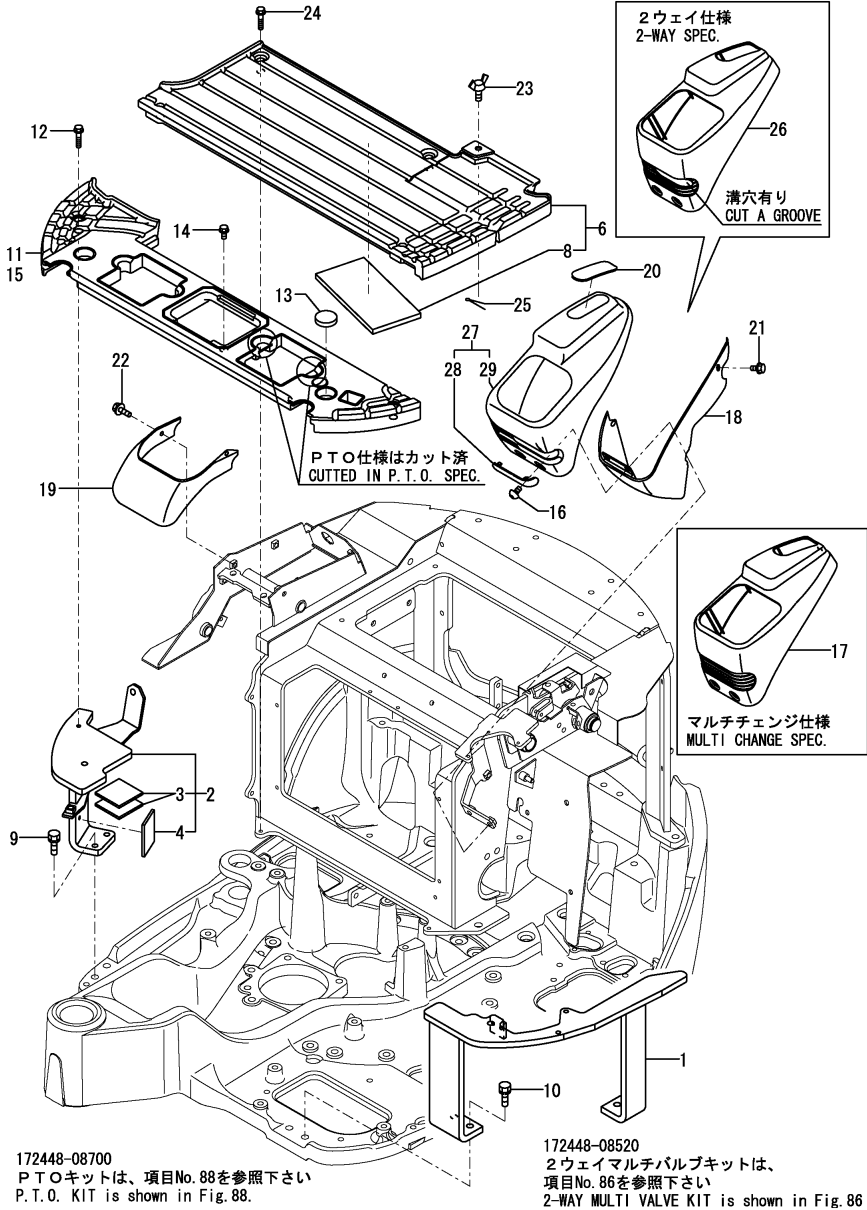
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-54100	FRAME,TURNING (88)	1	1						
1-1	1	172448-54101	FRAME A, TURNING(88)	1	1					N	
		(A=M/#26118)	(B=M/#26118)								
3	2	172448-54120	SEAL, DUST	2	2						
4	2	172171-54750	BUSH 50X65	2	2						
5	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
6	1	194940-24350	PIN, 10X28	3	3						
7	1	172447-57600	BEARING,TURNING	1	1						
9	2	172149-57610	SEAL SET	1	1						
10	3	172149-57620	SEAL	1	1						
11	3	172149-57630	SEAL	1	1						
12	1	26076-120252	BOLT, 10.912X 25	4	4						
13	1	26076-120402	BOLT, 10.912X 40	13	13						
14	1	26076-120452	BOLT, 10.912X 45	18	18						





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-61110	COVER	1	1						
2	1	172448-61120	COVER	1	1						
3	1	172448-61130	COVER, ENGINE	1	1						
4	1	172448-61140	COVER	1	1						
5	1	172448-61160	COVER	1	1						
6	1	172448-61190	COVER	1							
6-1	1	172448-61191	COVER	1	1						S
(A=M/#20689)											
8	2	172448-61240	SPONGE	1	1						
9	1	172448-61250	COVER	1	1						
10	1	172448-61450	COVER, HOSE	1	1						
11	1	172448-61500	COVER, MOTOR	2	2						
12	1	172448-61530	COVER	1	1						
13	1	172448-61600	COVER	1	1						
14	1	172448-61710	COVER	1	1						
15	1	172448-61800	COVER, RESERVOIR	1	1						
16	2	172444-17620	SEAL	1	1						
18	2	172448-61870	SPONGE	1	1						
19	1	172448-61890	COVER, MULTI	1	1						
20	1	172448-61910	COVER, MULTI	1	1						
21	1	172519-63240	BOLT	1	1						
22	1	172519-63240	BOLT	2	2						
23	1	172519-63240	BOLT	4	4						
24	1	172519-63240	BOLT	2	2						
25	1	26013-100202	BOLT, M10X 20	6	6						
26	1	26013-120302	BOLT, M12X 30	2	2						
27	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
28	1	26106-100162	BOLT, M10X 16 PLATED	3	3						
29	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
30	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
31	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
32	1	26106-100162	BOLT, M10X 16 PLATED	4	4						
33	1	26106-100162	BOLT, M10X 16 PLATED	1							
33-1	1	26013-100202	BOLT, M10X 20	1							R
(A=M/#20501)											
33-2	1	26013-100202	BOLT, M10X 20	1							Z
(A=M/#21002)											
34	1	26106-100162	BOLT, M10X 16 PLATED	8	8						
35	1	172458-62430	WASHER M8	2	2						W
(A=M/#20504)											
36	1	22137-100000	WASHER, 10	1							W
(A=M/#20501)											
36-1	1	22137-100000	WASHER, 10	1							Z
(A=M/#21002)											

Fig.35. STEP & INSTRUMENT PANEL



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

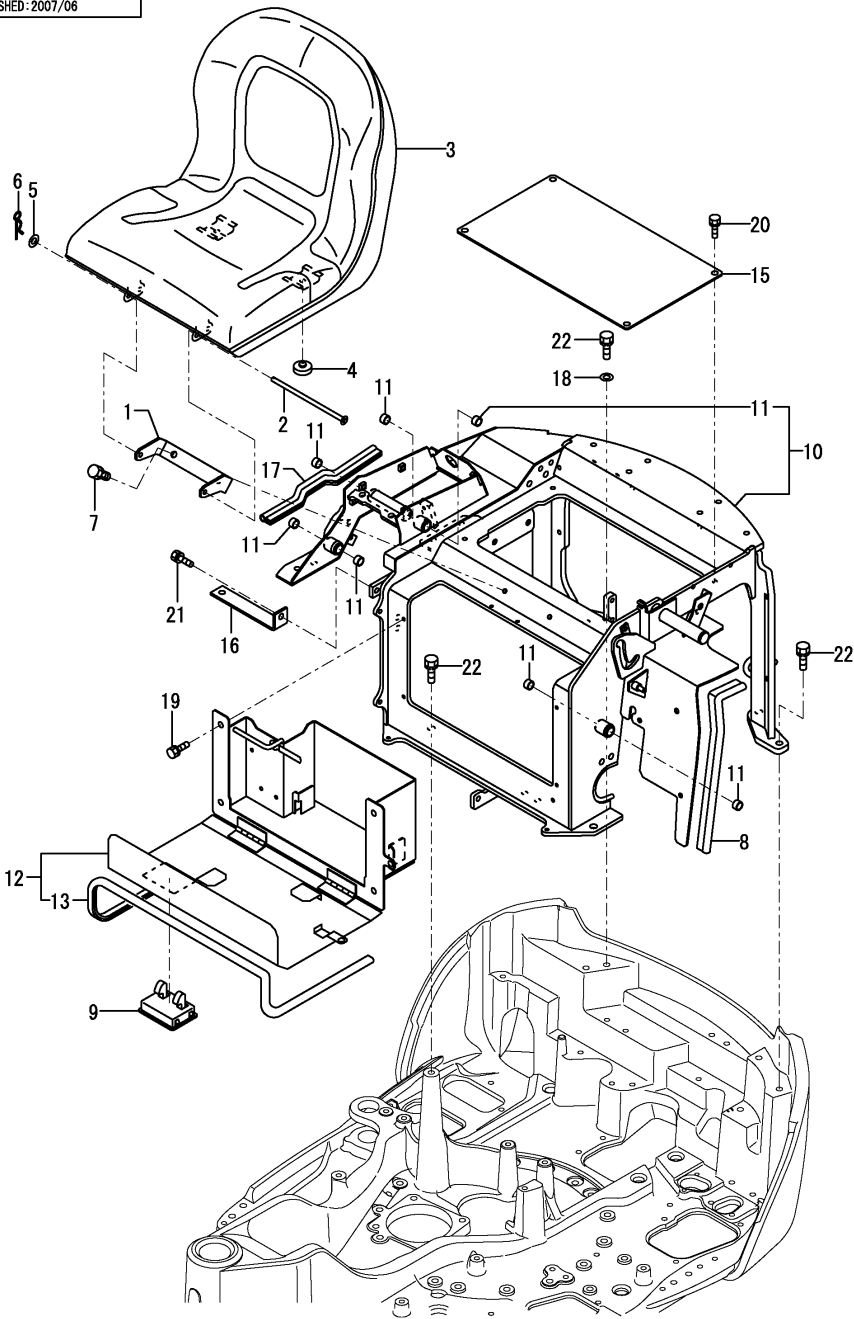
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-62100	STAND ASSY	1							
1-1	1	172448-62101	STAND ASSY	1	1						N
(A=M/#20689)											
2	1	172448-62150	STAND ASSY	1	1						
3	2	172446-14250	RUBBER PLATE	2	2						
4	2	172458-14361	RUBBER PLATE-C,FO	1	1						W
(A=M/#20504)											
6	1	172448-62310	STEP	1							
6-1	1	172448-62390	STEP ASSY	1	1						N
(A=M/#20504)											
8	2	172448-62480	SPONGE	1	1						W
(A=M/#20504)											
9	1	26013-120302	BOLT, M12X 30	2							
9-1	1	26013-120402	BOLT, M12X 40	2	2						R
(A=M/#20501)											
10	1	26013-120402	BOLT, M12X 40	3	3						
11	1	172448-62320	STEP	1	1						
12	1	172448-62400	BOLT, M8X35	2	2						
13	1	172448-62650	CAP	2	2						
14	1	172519-63240	BOLT	1	1						
15	1	172448-62330	STEP, PTO	1	1						1
16	1	172458-46720	BOLT 8X20	3	3						
17	1	172458-63100	INSTRUMENT PANEL L	1	1						3
18	1	172448-63120	INSTRUMENT PANEL L	1	1						
19	1	172448-63130	INSTRUMENT PANEL R	1	1						
20	1	172448-63150	CAP, PANEL	1	1						
21	1	172519-63240	BOLT	2	2						
22	1	172519-63240	BOLT	1	1						
23	1	172142-62300	WING BOLT M10X15	1	1						
24	1	172448-62400	BOLT, M8X35	4	4						
25	1	22417-320200	PIN, COTTER 3.2X20	1	1						
26	1	172458-63110	INSTRUMENT PANEL L,2	1							2
27	1	172490-61920	INSTRUMENT PANEL ASY	1	1						
28	2	172490-61950	COVER, PANEL	1	1						
29	2	172458-63110	INSTRUMENT PANEL L,2	1	1						

Remarks
(1)P.T.O. SPEC.
(2)2-WAY SPEC.
(3)MULTI CHANGE SPEC.

Fig.36. SEAT & SEAT MOUNT

P/C NEWS No:Y00K3792-1
PUBLISHED:2007/06

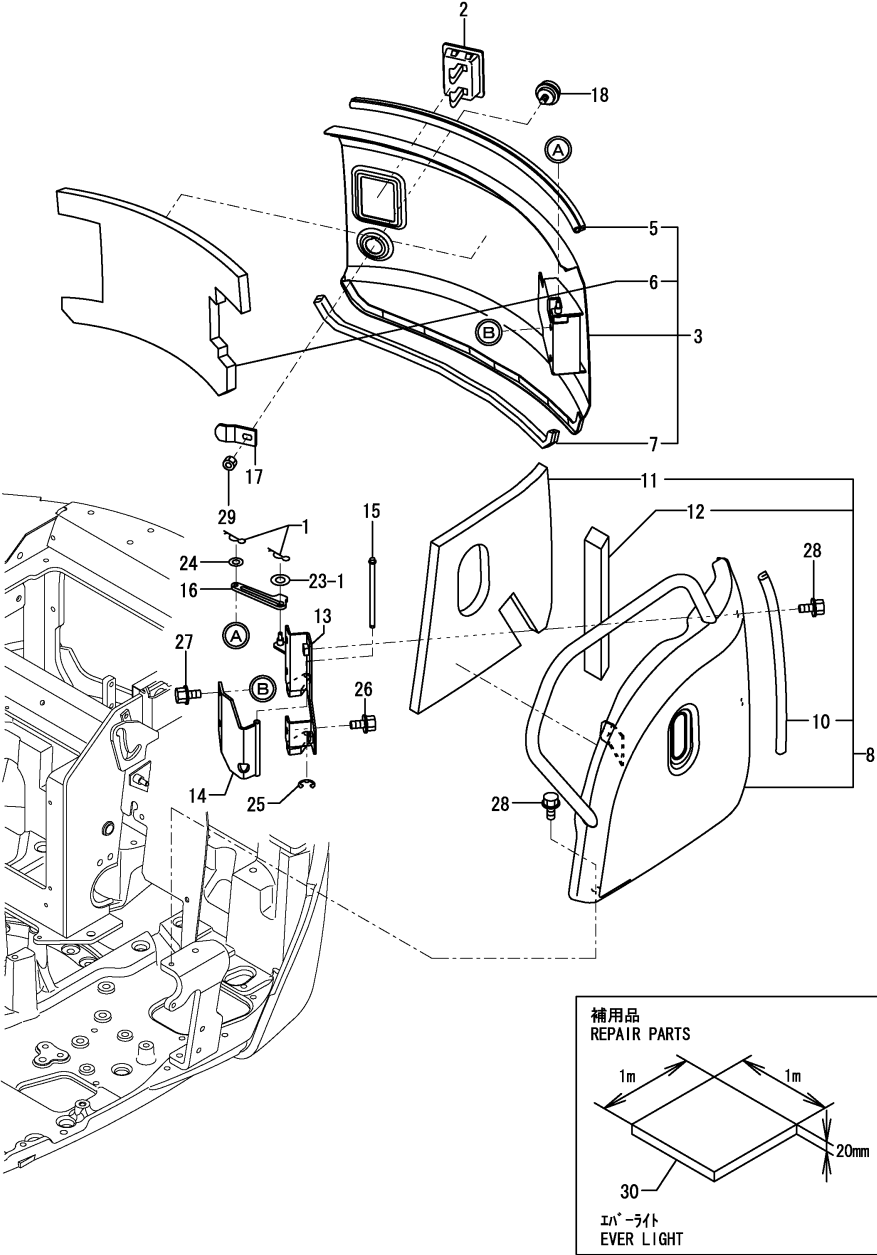


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-64060	BRACKET,SEAT(GRAY:73	1	1						
2	1	172448-64080	PIN	1	1						
3	1	172649-64101	SEAT ASSY, OPERATOR	1	1						
4	1	172141-64370	CUSHION, SEAT	2	2						
5	1	22137-080000	WASHER, 8	1	1						
6	1	22372-080000	PIN, SNAP 8	1	1						
7	1	26013-100202	BOLT, M10X 20	2	2						
8	1	172164-13520	RUBBER, SEAL	1	1						
9	1	172187-61421	HANDLE, LOCK	1	1						
10	1	172448-64210	MOUNT,SEAT (GRAY:73)	1							
10-1	1	172448-64211	MOUNT,SEAT (GRAY:73)	1	1						N
(A=M/#20847)											
10-2	1	172448-64200	MOUNT,SEAT (GRAY:73)	1	1						N
(A=XXX) (B=XXX)											
11	2	24550-014100	BUSH, 14X10	7	7						
12	1	172448-64710	MOUNT,BATTERY(GRAY73	1	1						
13	2	172141-64350	SEAL, MOUNT	1	1						
15	1	172448-64760	PLATE,SEAT (GRAY:73)	1	1						
16	1	172448-64920	CROSS MEMBER	1	1						
17	1	172444-65680	RUBBER, SEAL	1	1						
18	1	22137-120000	WASHER, 12	1	1						
19	1	26013-100202	BOLT, M10X 20	4	4						
20	1	26013-100202	BOLT, M10X 20	4	4						
21	1	26013-100202	BOLT, M10X 20	2	2						
22	1	26013-120302	BOLT, M12X 30	6	6						

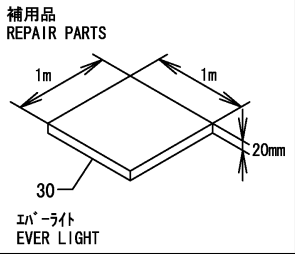
Fig.37. BONNET(1)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

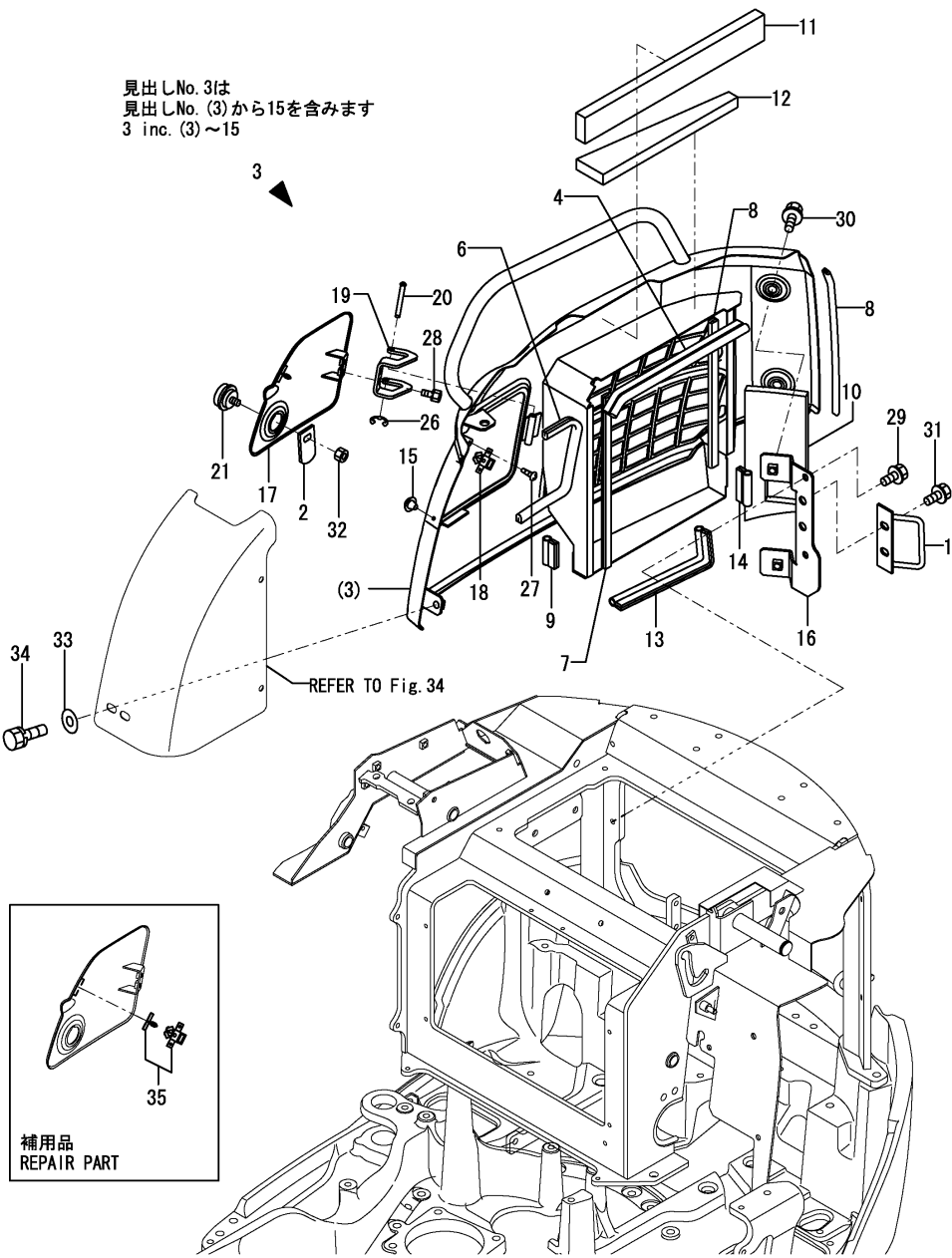


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6281-52310	PIN, SNAP 6	2	2						
2	1	172187-61421	HANDLE, LOCK	1	1						
3	1	172448-65090	BONNET A (GREEN:96)	1	1						
5	2	172448-65170	SEAL, BONNET	1	1						
6	2	172448-65180	SPONGE	1	1						
7	2	172649-65770	RUBBER, SEAL	1	1						
8	1	172448-65190	BONNET L (GREEN:96)	1	1						
10	2	172448-65700	SEAL, RUBBER 280	1	1						
11	2	172448-65750	SPONGE	1	1						
12	2	172448-65760	SPONGE	1	1						
13	1	172448-65400	BRACKET ASSY,BONNET	1	1						
14	1	172448-65450	HINGE	1	1						
15	1	172448-65490	SHAFT, HINGE	1	1						
16	1	172448-65550	GUIDE, LOCK	1	1						
17	1	172448-65580	LOCK PLATE,BONNET A	1	1						
18	1	172164-66170	KEY ASSY, CYLINDER	1	1						
23-1	1	22117-060000	WASHER, 6	1	1						
24	1	22137-060000	WASHER, 6	1							
24-1	1	22157-060000	WASHER, 6	1	1					N	
(A=M/#20501)											
25	1	22272-000070	RING, E- 7	1	1						
26	1	26106-100202	BOLT, M10X 20 PLATED	3	3						
27	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
28	1	26106-100202	BOLT, M10X 20 PLATED	4	4						
29	1	26347-100002	NUT, M10	1	1						
30	1	172478-65750	SPONGE	1	1						1



Remarks
(1)REPAIR PARTS.

Fig.38. BONNET(2)



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

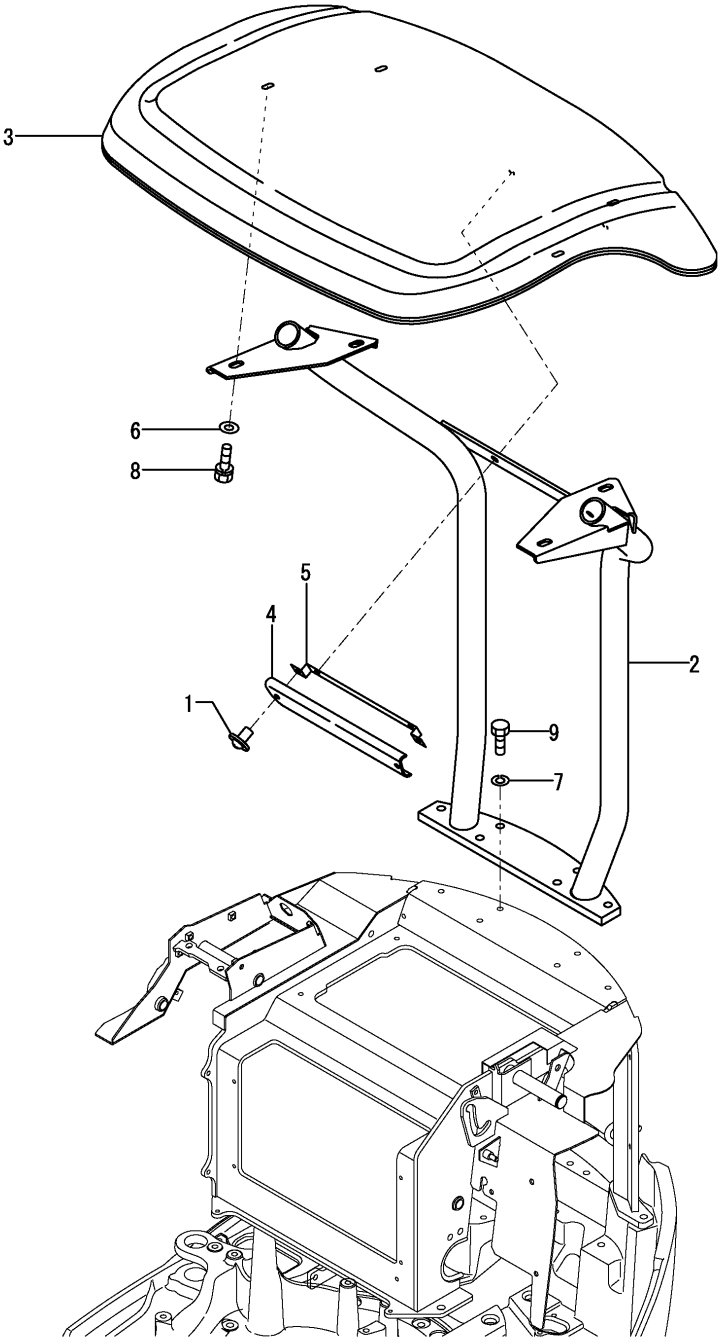
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-65070	BAR ASSY, LOCK	1	1						
2	1	172448-65270	LOCK PLATE,FO	1	1						
3	1	172448-65290	BONNET R (GREEN:96)	1	1						
4	2	172162-15310	SEAL	1	1						
6	2	172164-65580	MOLDING	1	1						
7	2	172448-65590	RUBBER, SEAL 330	1	1						
8	2	172448-65700	SEAL, RUBBER 280	2	2						
9	2	172171-65850	RUBBER, SEAL	1	1						
10	2	172448-65850	SPONGE	1	1						
11	2	172448-65860	SPONGE	1	1						
12	2	172448-65870	SPONGE	1	1						
13	2	172164-66480	RUBBER 340, SEAL	1	1						
14	2	172164-66800	RUBBER, SEAL 60	1							
14-1	2	172422-65750	SEAL, DUCT	1	1						N
(A=M/#20503)											
15	2	172176-67790	PLUG	1	1						
16	1	172448-65500	BRACKET ASSY,BONNET	1	1						
17	1	172448-65610	COVER ASSY, FUEL	1	1						
18	1	172448-65680	CATCH, ROLLER	1	1						
19	1	172448-65960	HINGE,FO COVER	1	1						
20	1	172448-65970	PIN,HINGE FO	1	1						
21	1	172164-66170	KEY ASSY, CYLINDER	1	1						
26	1	22272-000050	RING, E- 5	1	1						
27	1	22857-400082	SCREW, 4X 8	2							
27-1	1	26557-040082	SCREW, M4X 8	2	2						N
(A=M/#20504)											
28	1	26013-060124	BOLT, M6X 12	2							
28-1	1	26013-060122	BOLT, M6X 12	2	2						R
(A=M/#20501)											
29	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
30	1	26106-100202	BOLT, M10X 20 PLATED	4							
30-1	1	26106-100202	BOLT, M10X 20 PLATED	3	3						K
(A=M/#20501)											
31	1	26106-100202	BOLT, M10X 20 PLATED	2	2						
32	1	26347-100002	NUT, M10	1	1						
33	1	22137-100000	WASHER, 10	1	1						W
(A=M/#20501)											
34	1	26013-100202	BOLT, M10X 20	1	1						W
(A=M/#20501)											
35	1	172448-08330	CATCH KIT, ROLLER	1	1						1

Remarks
(1)REPAIR PART

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

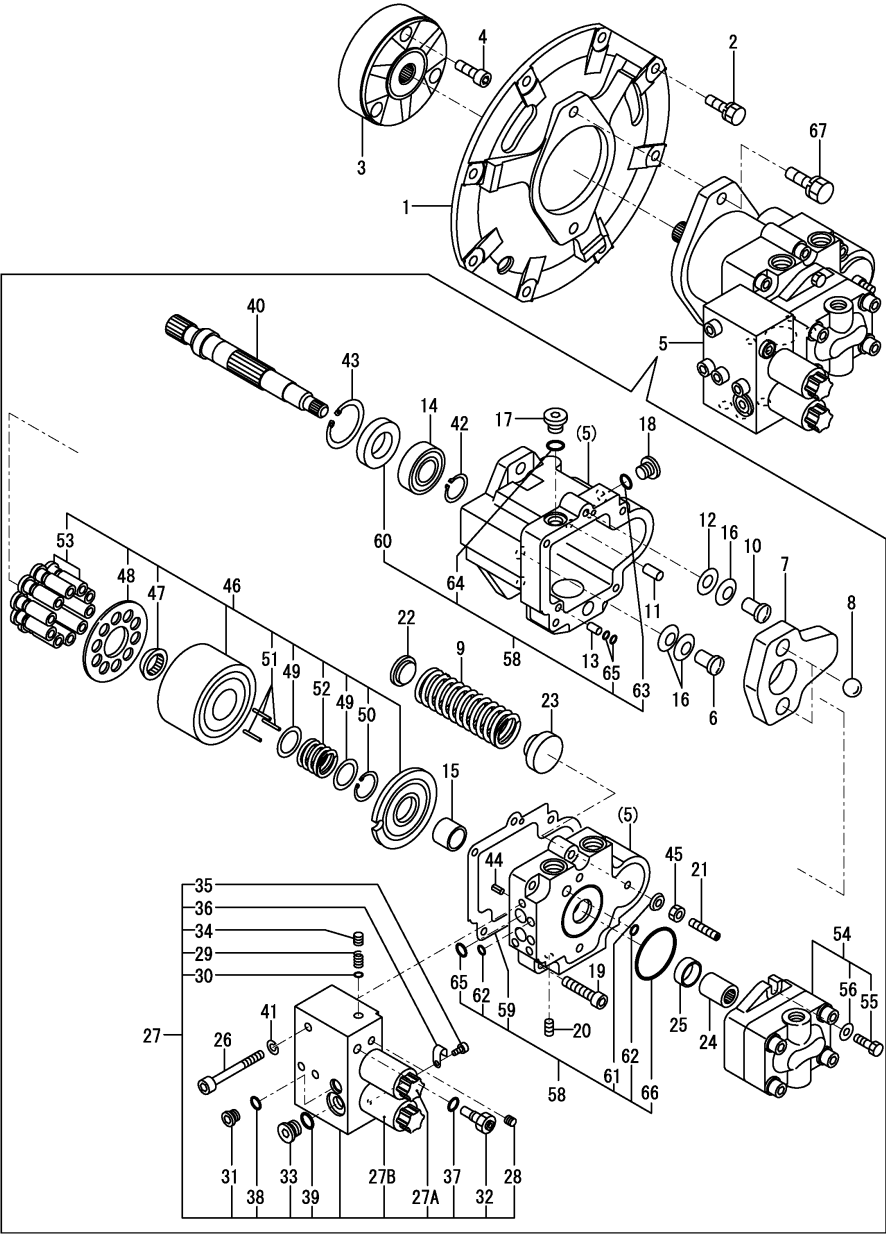


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-63160	CLIP	2	2						
2	1	172448-68100	CANOPY ASSY	1	1						
3	1	172449-68200	ROOF,CANOPY	1	1						
4	1	172449-68210	COVER, CANOPY	1	1						
5	1	172449-68220	STAY, COVER	1	1						
6	1	22137-120000	WASHER, 12	6							
6-1	1	172730-05250	WASHER 12	6	6						N
(A=M/#20688)											
7	1	22217-120000	WASHER, SPRING 12	6	6						
8	1	26013-120252	BOLT, M12X 25	6	6						
9	1	26076-120352	BOLT, 10.912X 35	6	6						

Fig.40. HYD.OIL PUMP & JOINT

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-71101	MOUNT, PUMP	1	1						
2	1	26013-100252	BOLT, M10X 25	8	8						
3	1	172448-71200	COUPLING	1	1						
4	1	26450-100352	BOLT, M10X 35	3	3						
5	1	172448-73100	PUMP ASSY	1	1						
6	2	172450-73110	PIN,STOPPER	1	1						
7	2	172422-73140	PLATE, SWASH	1	1						
8	2	172422-73160	PIN	2	2						
9	2	172448-73160	SPRING	1	1						
10	2	172448-73180	PIN A,STOPPER	1	1						
11	2	172422-73220	PIN	1	1						
12	2	172422-73240	WASHER	1	1						
13	2	172422-73280	PIN	1	1						
14	2	172422-73290	BEARING, BALL	1	1						
15	2	172422-73500	BEARING, NEEDLE	1	1						
16	2	172422-73520	SPRING	3	3						
17	2	172422-73530	PLUG	1	1						
18	2	172422-73530	PLUG	1	1						
19	2	172422-73540	BOLT	5	5						
20	2	172422-73550	PLUG	4	4						
21	2	172422-73560	SCREW	1	1						
22	2	172458-73560	HOLDER, SPRING	1	1						
23	2	172458-73570	GUIDE, SPRING	1	1						
24	2	172422-73580	COUPLING	1	1						
25	2	172422-73590	COLLAR	1	1						
26	2	172422-73610	BOLT	3	3						
27	2	172458-73620	BLOCK ASSY, VALVE	1	1						
27-1	2	172458-73621	BLOCK ASSY, VALVE	1	1						N
(A="2014.10.) (B="2014.10.)											
27A	3	172458-73680	VALVE ASSY	1	1						1
27B	3	172458-73690	VALVE ASSY	1	1						2
28	3	172422-73550	PLUG	7	7						
29	3	172422-73620	SPRING	1	1						
30	3	172422-73630	FILTER	1	1						
31	3	172458-73630	PLUG	1	1						
32	3	172422-73640	ADJUSTER KIT	1	1						
33	3	172458-73640	PLUG	1	1						
34	3	172422-73650	PLUG	2	2						
35	3	172422-73660	BOLT	1	1						
36	3	172422-73670	CLAMP	1	1						
37	3	24311-000100	O-RING, 1AP10.0	1	1						
38	3	24315-000080	O-RING, 1BP8.0	1	1						
39	3	24315-000140	O-RING, 1BP14.0	1	1						
40	2	172458-73660	SHAFT	1	1						
41	2	22212-080000	WASHER 8	3	3						
42	2	22242-000250	RING, 25	1	1						
43	2	22252-000520	RING, 52	1	1						
44	2	22351-060016	PIN, SPRING 6.0X16	1	1						
45	2	26711-080002	NUT, M8	1	1						
46	2	172448-73110	CYLINDER BARREL KIT	1	1						
47	3	172422-73130	HOLDER, BARREL	1	1						

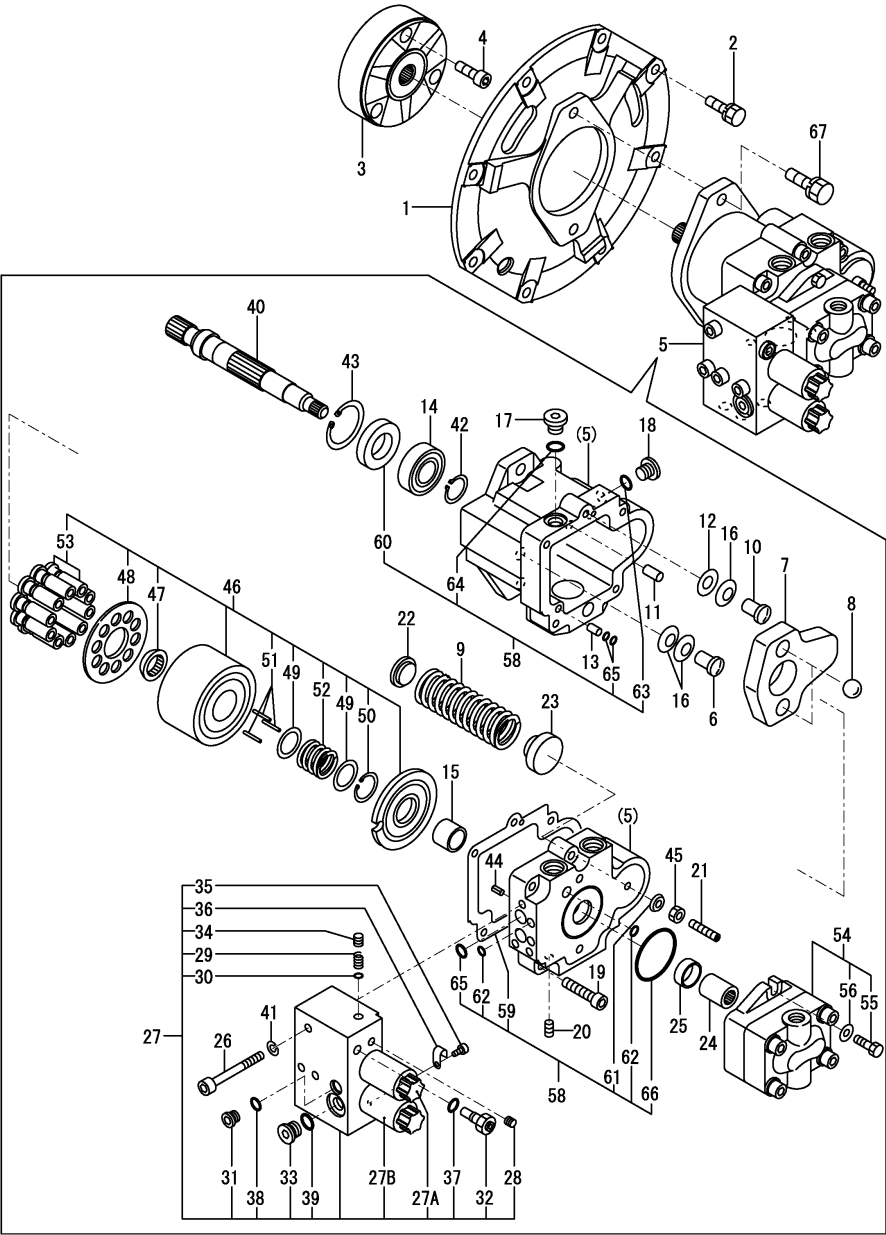
Remarks
(1)For second gear traveling.
(2)For safety lock.

Fig.40. HYD.OIL PUMP & JOINT

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	3	172448-73150	HOLDER,SHOE	1	1						
49	3	172448-73170	RETAINER	2	2						
50	3	172448-73190	SNAP RING	1	1						
51	3	172458-73530	NEEDLE	3	3						
52	3	172458-73540	SPRING	1	1						
53	3	172448-73120	PISTON,PUMP ASSY	1	1						
54	2	172448-73140	PUMP ASSY,GEAR	1	1						
55	3	172450-73120	BOLT	2	2						
56	3	172450-73130	WASHER	2	2						
58	2	172448-73130	SEAL SET, PUMP	1	1						
59	3	172422-73170	GASKET	1	1						
60	3	172422-73510	SEAL, OIL	1	1						
61	3	172422-73570	WASHER	1	1						
62	3	24315-000080	O-RING, 1BP8.0	2	2						
63	3	24315-000110	O-RING, 1BP11.0	1	1						
64	3	24315-000110	O-RING, 1BP11.0	1	1						
65	3	24315-000120	O-RING, 1BP12.0	3	3						
66	3	24325-000550	O-RING, 1BG55.0	1	1						
67	1	26013-120352	BOLT, M12X 35	2	2						

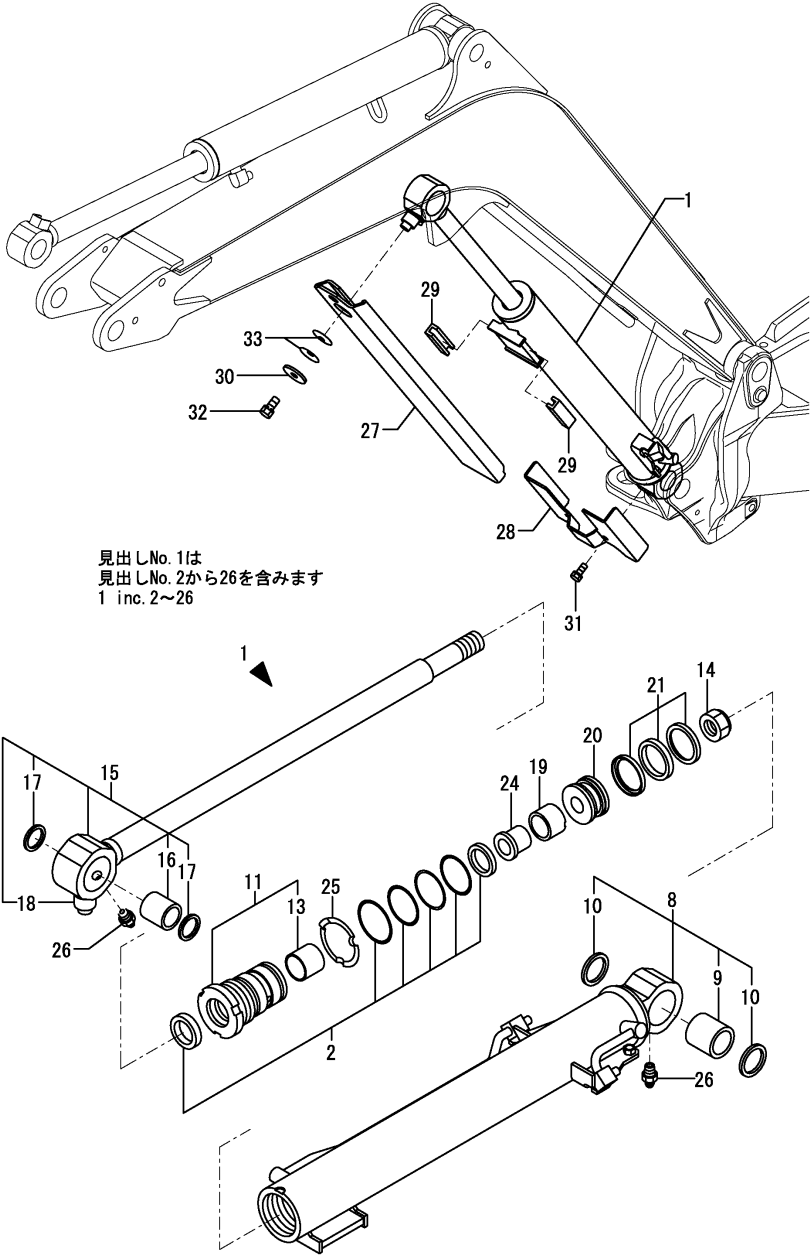


Remarks
(1)For second gear traveling.
(2)For safety lock.

Fig.41. BOOM CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

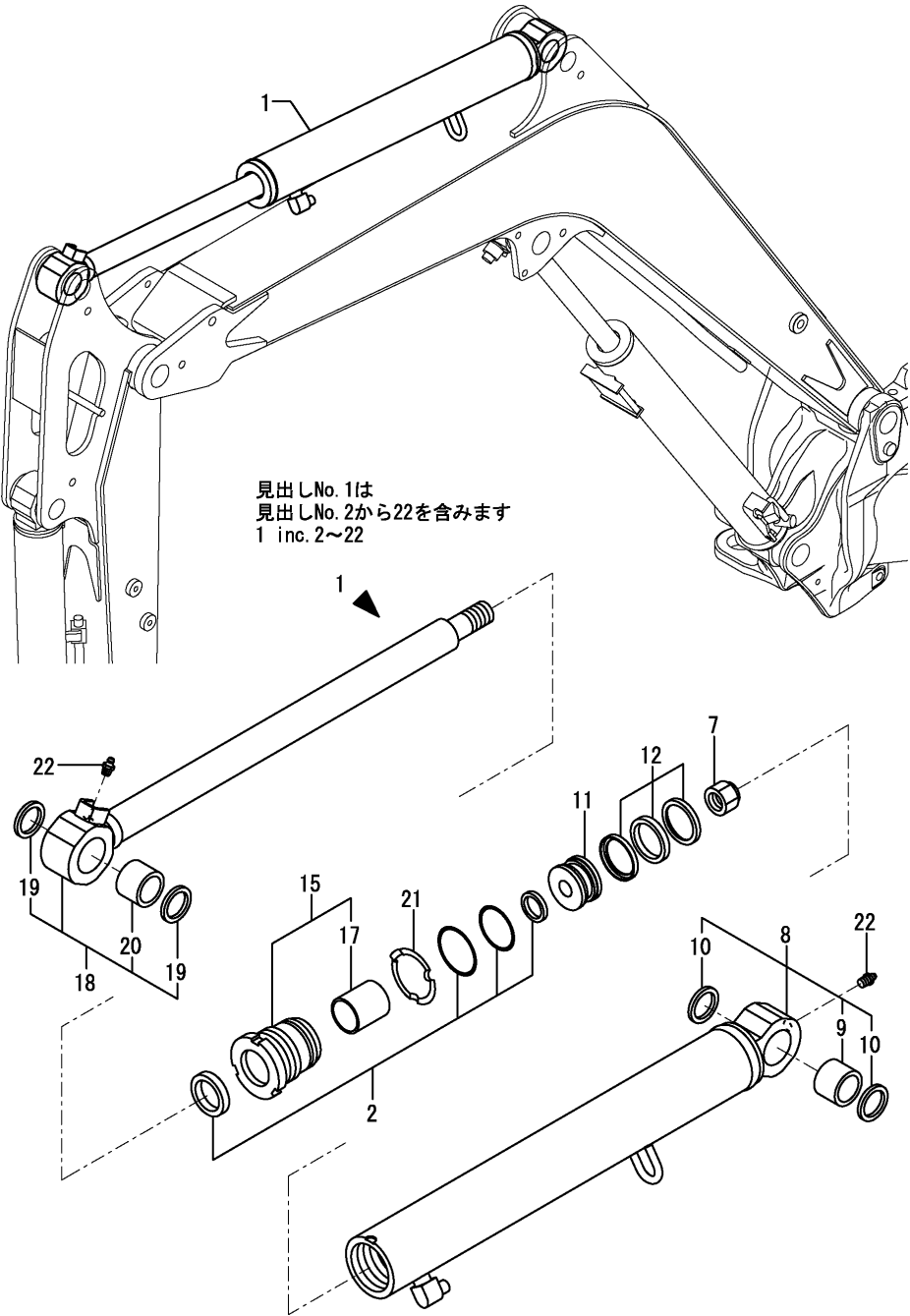
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72100	CYLINDER ASSY, BOOM	1	1						
2	2	172449-72010	SEAL SET, HEAD 55 30	1	1						
8	2	172448-72110	TUBE, BOOM	1	1						
9	3	172141-72561	BUSH (35-45-30	1	1						
10	3	172448-81610	SEAL, DUST 35X45X4	2	2						
11	2	172449-72110	HEAD 55-30 ASSY	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172171-72130	NUT, M24	1	1						
15	2	172448-72140	ROD ASSY,BOOM	1	1						
16	3	172141-72561	BUSH (35-45-30	1	1						
17	3	172448-81610	SEAL, DUST 35X45X4	2	2						
18	3	172146-72211	SEAT, SCREW M10	1	1						W 1
(A=M/#20501)											
19	2	172448-72270	PLUNGER, CUSHION 41	1	1						
20	2	172449-72310	PISTON 55(24-28	1							
20-1	2	172449-72311	PISTON 55(24-28	1	1						N
(A=M/#20941)											
21	2	172449-72320	GASKET	1							
21-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
24	2	172449-72350	COLLAR, 41	1	1						
25	2	172173-72550	ROCK WASHER 55	1	1						
26	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
27	1	172448-72190	COVER, SLIDE	1	1						
28	1	172448-72240	COVER, HOSE	1	1						
29	1	172186-72480	GUIDE, SLIDE	2	2						
30	1	22157-100000	WASHER, 10	1	1						
31	1	26013-080162	BOLT, M8X 16	2	2						
32	1	26013-100202	BOLT, M10X 20	1	1						
33	1	933168-14170	SPRING	2	2						

Remarks
(1)WELDED PART.

Fig.42. ARM CYLINDER



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

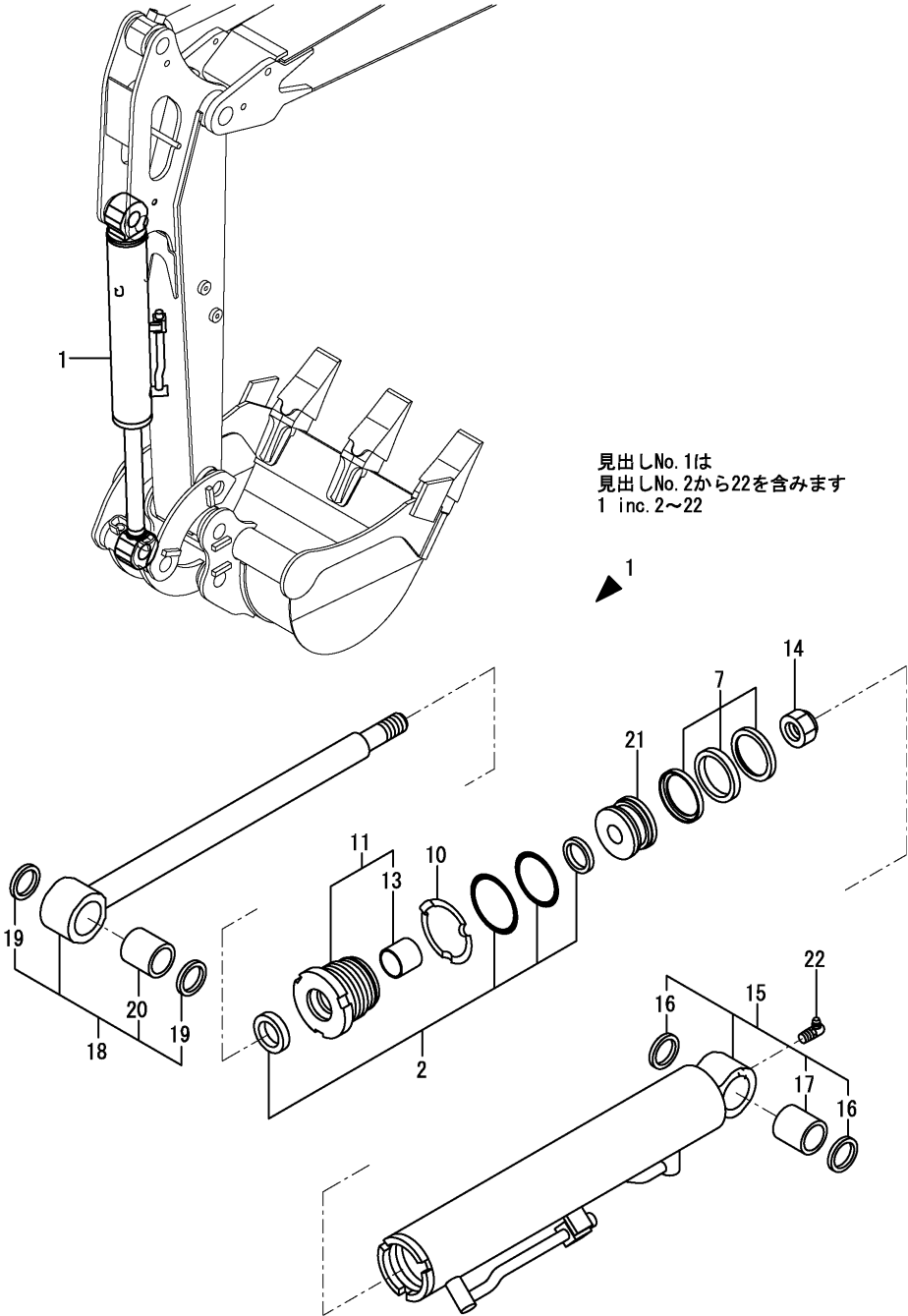
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72300	CYLINDER, ARM	1	1						
2	2	172449-72020	SEAL SET, HEAD 55 35	1	1						
7	2	172171-72130	NUT, M24	1	1						
8	2	172448-72310	TUBE, ARM	1	1						
9	3	172149-72440	BUSH A 30X30,PIN	1	1						
10	3	172448-81600	SEAL, DUST 30X40X4	2	2						
11	2	172449-72310	PISTON 55(24-28	1							
11-1	2	172449-72311	PISTON 55(24-28	1	1						N
(A=M/#20941)											
12	2	172449-72320	GASKET	1							
12-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
15	2	172449-72410	HEAD CMP B,55-35	1	1						
17	3	933111-01600	BUSH 35 30, ROD	1							
17-1	3	24550-035300	BUSH, 35X30	1	1						R
(A=M/#20688)											
18	2	172449-72500	LOD CMP,ARM	1	1						
19	3	172183-72290	SEAL, DUST 30X40X4.2	2							
19-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
20	3	172149-72440	BUSH A 30X30,PIN	1	1						
21	2	172173-72550	ROCK WASHER 55	1	1						
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						

Fig.43. BUCKET CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

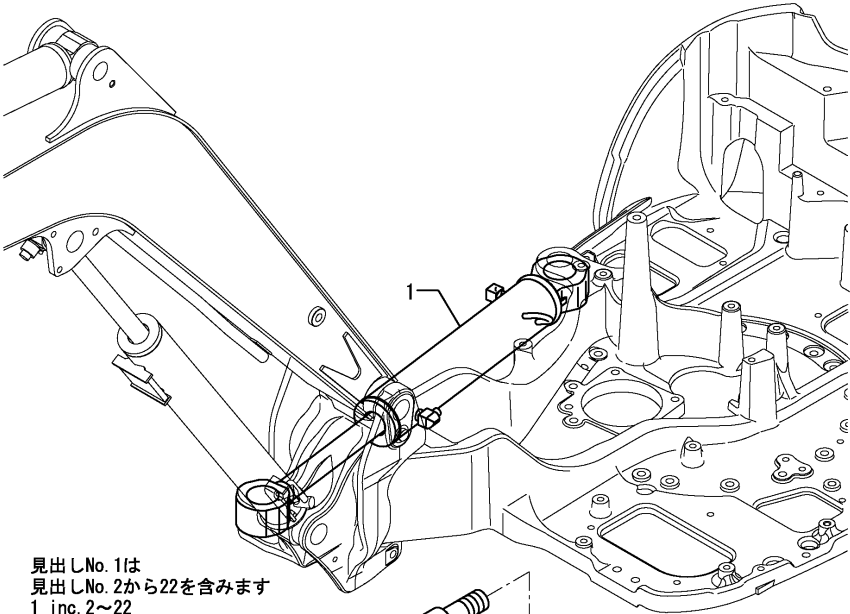


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-72550	CYLINDER ASSY	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321 (A=M/#20941)	GASKET ASSY, RGU55	1	1						N
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
		(A=M/#20688)									
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72580	TUBE ASSY, BUCKET	1	1						
16	3	172183-72290	SEAL, DUST 30X40X4.2	2							
16-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
		(A=M/#20902)									
17	3	172149-72440	BUSH A 30X30,PIN	1	1						
18	2	172449-72650	LOD CMP,BUCKET	1	1						
19	3	172183-72290	SEAL, DUST 30X40X4.2	2							
19-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
		(A=M/#20902)									
20	3	172149-72440	BUSH A 30X30,PIN	1	1						
21	2	172449-72680	PISTON 55(20-28	1							
21-1	2	172449-72681 (A=M/#20941)	PISTON 55(20-28	1	1						N
22	2	24761-050000	NIPPLE, GREASE C	1	1						

Fig.44. SWING CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



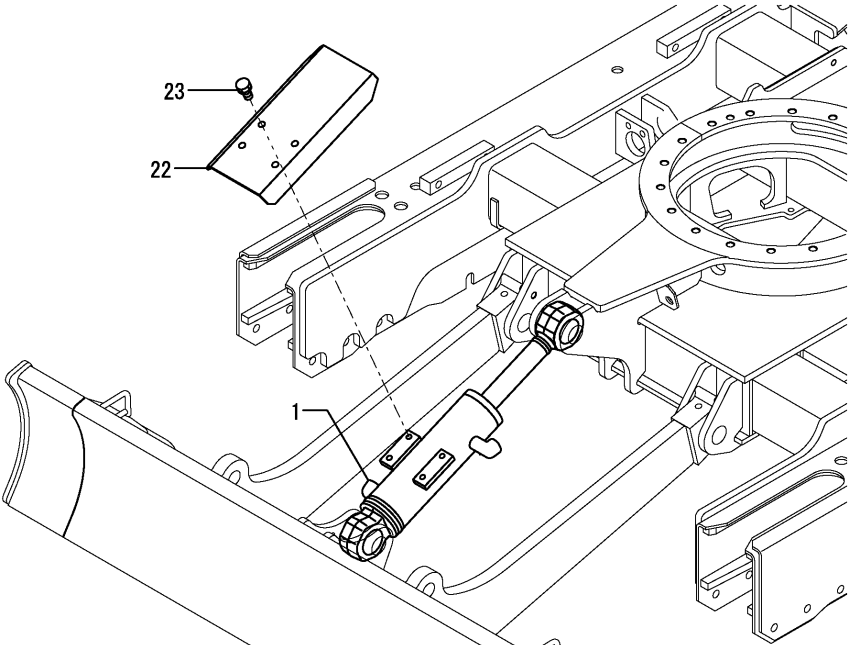
見出しNo. 1は
見出しNo. 2から22を含みます
1 inc. 2~22

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72600	CYLINDER ASSY, SWING	1	1						
2	2	172449-72040	SEAL SET, HEAD 65 35	1	1						
7	2	172171-72130	NUT, M24	1	1						
8	2	172142-72560	WASHER 65, LOCK	1	1						
9	2	172448-72610	TUBE, SWING	1	1						
10	3	172448-72650	SEAL, DUST	2	2						
11	3	172458-72740	BUSH 40X40,SO	1	1						
12	2	172448-72640	ROD,SWING	1	1						
13	3	172168-72410	BUSH 40X50X40	1	1						
14	3	172448-72650	SEAL, DUST	2	2						
15	2	172449-72810	HEAD CMP 65-35	1	1						
17	3	933111-01600	BUSH 35 30, ROD	1							
17-1	3	24550-035300	BUSH, 35X30	1	1						R
(A=M/#20688)											
18	2	172449-72950	PISTON 65(24-31	1							
18-1	2	172449-72951	PISTON 65(24-31	1	1						N
(A=M/#20941)											
19	2	172449-72960	GASKET RGU 65	1	1						
22	2	24761-050000	NIPPLE, GREASE C	1	1						

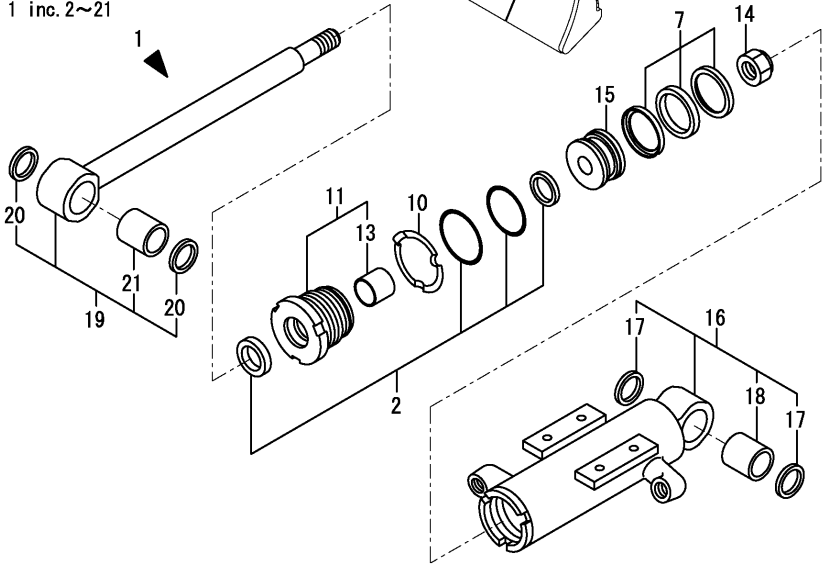
Fig.45. BLADE CYLINDER

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



見出しNo. 1は
見出しNo. 2から21を含みます
1 inc. 2~21

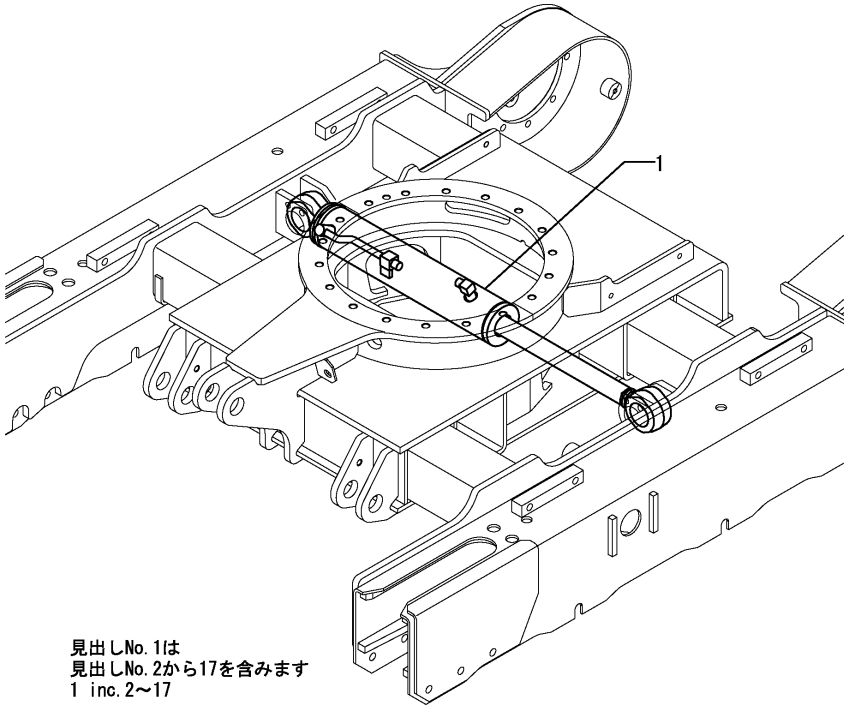


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-72700-2	CYLINDER ASSY, BLADE	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72680	PISTON 55(20-28	1							
15-1	2	172449-72681	PISTON 55(20-28	1	1						N
(A=M/#20941)											
16	2	172449-72730-2	TUBE ASSY, BLADE	1	1						
17	3	172183-72290	SEAL, DUST 30X40X4.2	2							
17-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
18	3	172149-72440	BUSH A 30X30,PIN	1	1						
19	2	172449-72770	LOD CMP(BLADE	1	1						
20	3	172183-72290	SEAL, DUST 30X40X4.2	2							
20-1	3	172448-81600	SEAL, DUST 30X40X4	2	2						R
(A=M/#20902)											
21	3	172149-72440	BUSH A 30X30,PIN	1	1						
22	1	172447-72790-2	PROTECTOR (GREEN:88)	1	1						
23	1	26013-080162	BOLT, M8X 16	4	4						

Fig.46. VARIABLE LEG WIDEN / SHORTEN CYLINDER

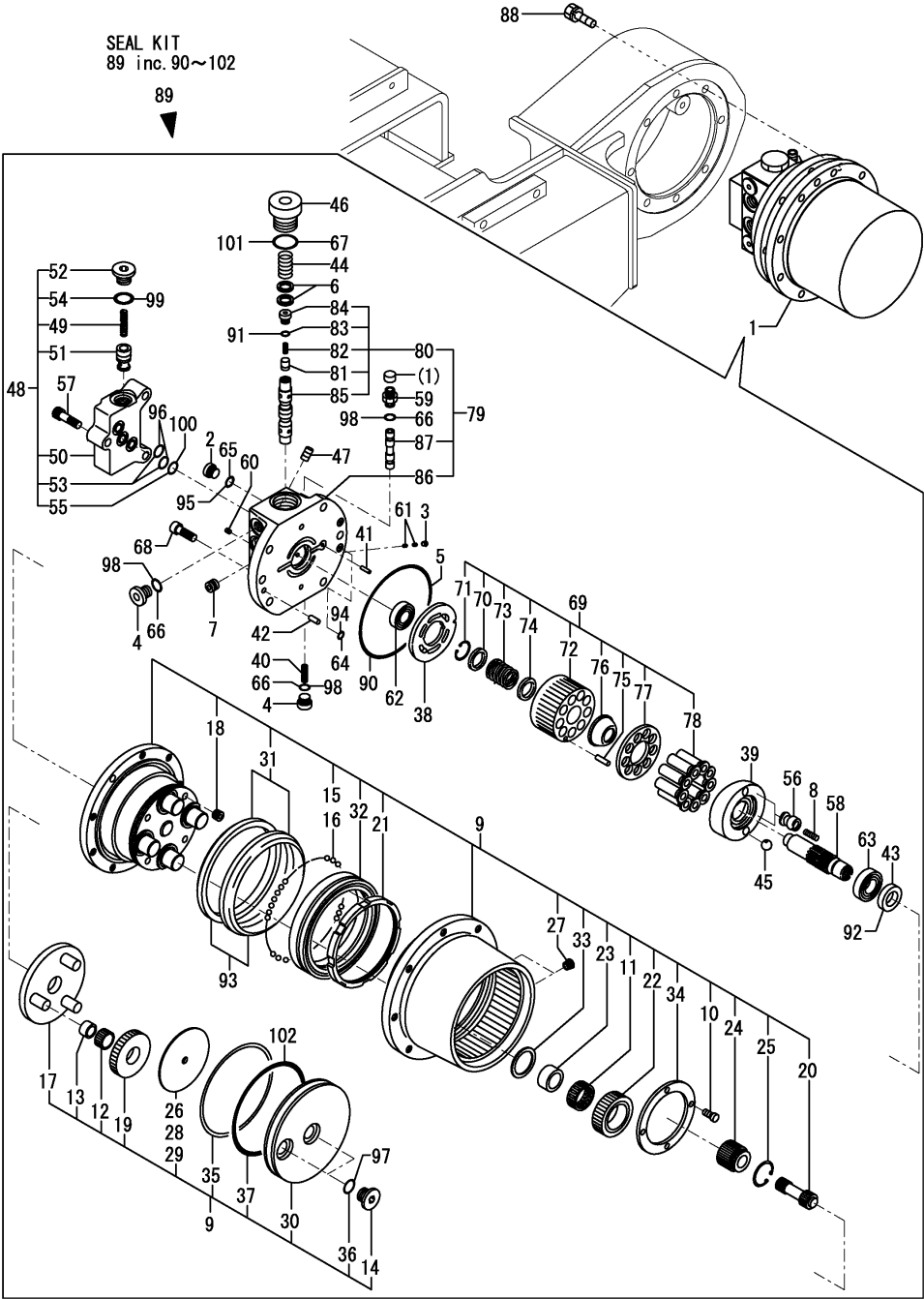
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



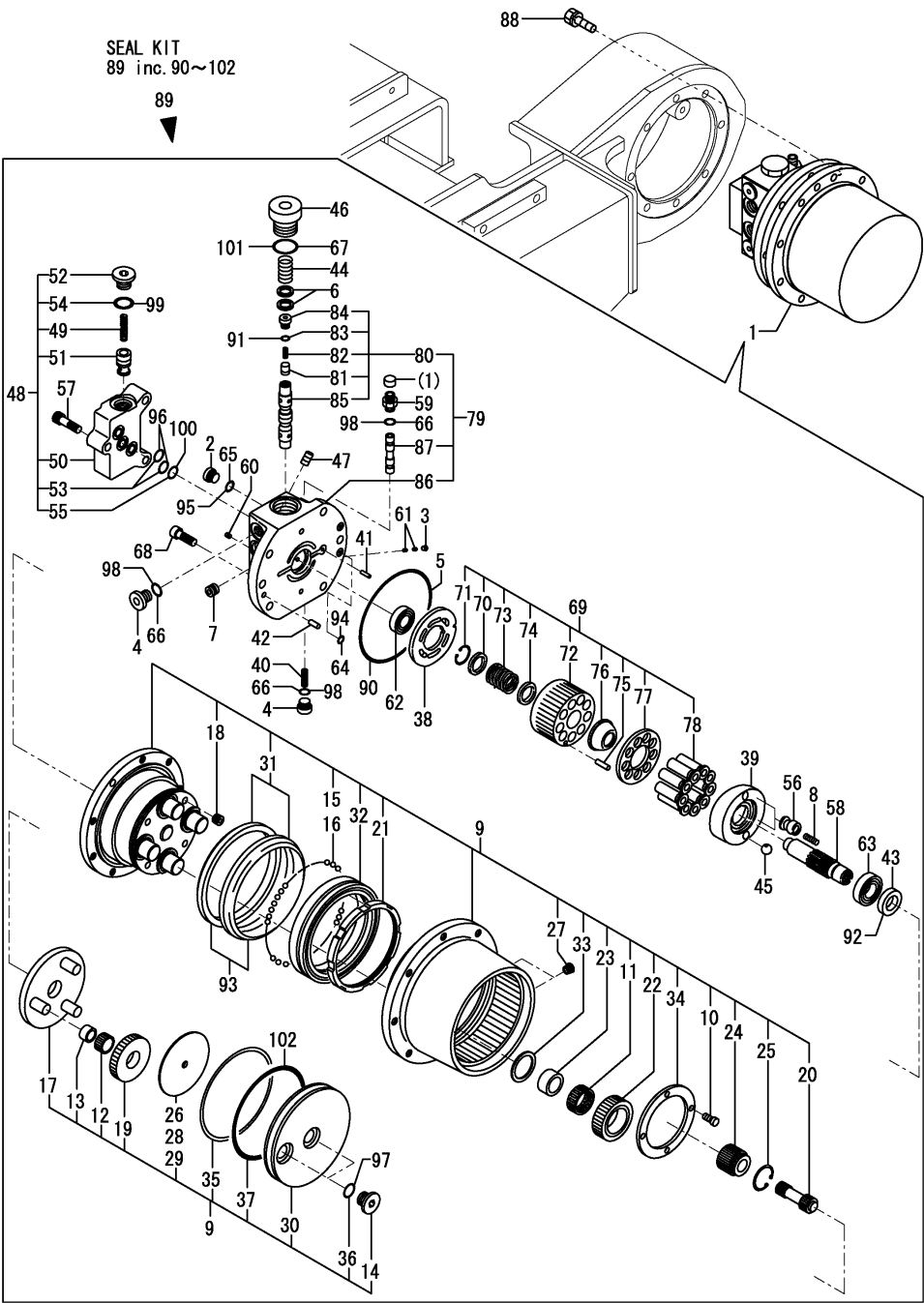
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-72900	CYLINDER ASSY	1	1						
2	2	172449-72030	SEAL SET, HEAD 55 30	1	1						
7	2	172449-72320	GASKET	1							
7-1	2	172449-72321	GASKET ASSY, RGU55	1	1						N
(A=M/#20941)											
10	2	172173-72550	ROCK WASHER 55	1	1						
11	2	172449-72560	HEAD CMP 55 30	1	1						
13	3	933111-01800	BUSH 30 30	1							
13-1	3	24550-030300	BUSH, 30X30	1	1						R
(A=M/#20688)											
14	2	172141-72580	NUT, M20	1	1						
15	2	172449-72680	PISTON 55(20-28	1							
15-1	2	172449-72681	PISTON 55(20-28	1	1						N
(A=M/#20941)											
16	2	172448-72910	TUBE, VARIABLE	1	1						
17	2	172448-72940	ROD,S/W	1	1						

Fig.47. TRAVEL MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73300	MOTOR ASSY, TRAVEL	2	2						
1-1	1	172448-73301	MOTOR ASSY, TRAVEL	2	2					N	
(A=XXX) (B=XXX)											
2	2	1A6240-37360	PLUG	4	4						
3	2	172147-70220	PLUG	4	4						
4	2	172148-70301	PLUG	6	6						
5	2	172141-70370	O-RING	2	2						
6	2	172141-70450	SEAT, SPRING	4	4						
7	2	172162-70780	PLUG	2	2						
8	2	172168-71950	SPRING	4	4						
9	2	172448-73320	GEAR, REDUCTION	2	2						
10	3	172141-70110	SCREW	8	8						
11	3	172147-70120	GAUGE ASSY	8	8						
12	3	172141-70150	GAUGE, W/ROLLER	6	6						
13	3	172141-70160	RACE, INNER	6	6						
14	3	172148-70301	PLUG	4	4						
15	3	172122-70350	BALL, STEEL	198	198						
16	3	172122-70350	BALL, STEEL	20	20						
17	3	172448-73330	HOLDER	2	2						
18	3	172450-73330	PLUG	4	4						
19	3	172448-73340	GEAR, PLANETARY	6	6						
20	3	172448-73350	GEAR, DRIVE	2	2						
21	3	172456-73350	NUT, RING	2	2						
22	3	172456-73360	GEAR, PLANETARY	8	8						
23	3	172456-73370	INNER RACE	8	8						
24	3	172456-73380	GEAR, SUN	2	2						
25	3	172456-73390	SNAP RING	2	2						
26	3	172456-73420	THRUST PLATE	2	2						
27	3	172122-73430	PLUG	4	4						
28	3	172456-73430	THRUST PLATE	2	2						
29	3	172456-73440	THRUST PLATE	2	2						
30	3	172456-73450	COVER	2	2						
31	3	172183-73510	SEAL, FLOATING	2	2						
32	3	172183-73520	BEARING	2	2						
33	3	172183-73560	WASHER, THRUST	8	8						
34	3	172183-73570	PLATE, THRUST	2	2						
35	3	172183-73660	WIRE	2	2						
36	3	24315-000110	O-RING, 1BP11.0	4	4						
37	3	24315-001300	O-RING, 1BP130.0	2	2						
38	2	172638-73330	PLATE, VALVE	2	2						
39	2	172448-73360	PLATE	2	2						
40	2	172421-73400	SPRING	2	2						
41	2	172122-73470	PIN	2	2						
42	2	172122-73480	PIN	4	4						
43	2	172450-73490	SEAL, OIL	2	2						
44	2	172456-73500	SPRING	4	4						
44-1	2	172448-73500	SPRING	4	4					N	
(A=XXX) (B=XXX)											
45	2	172450-73510	BALL, STEEL	4	4						
46	2	172456-73510	CAP	4	4						
47	2	172456-73520	ORIFICE	4	4						

Fig.47. TRAVEL MOTOR

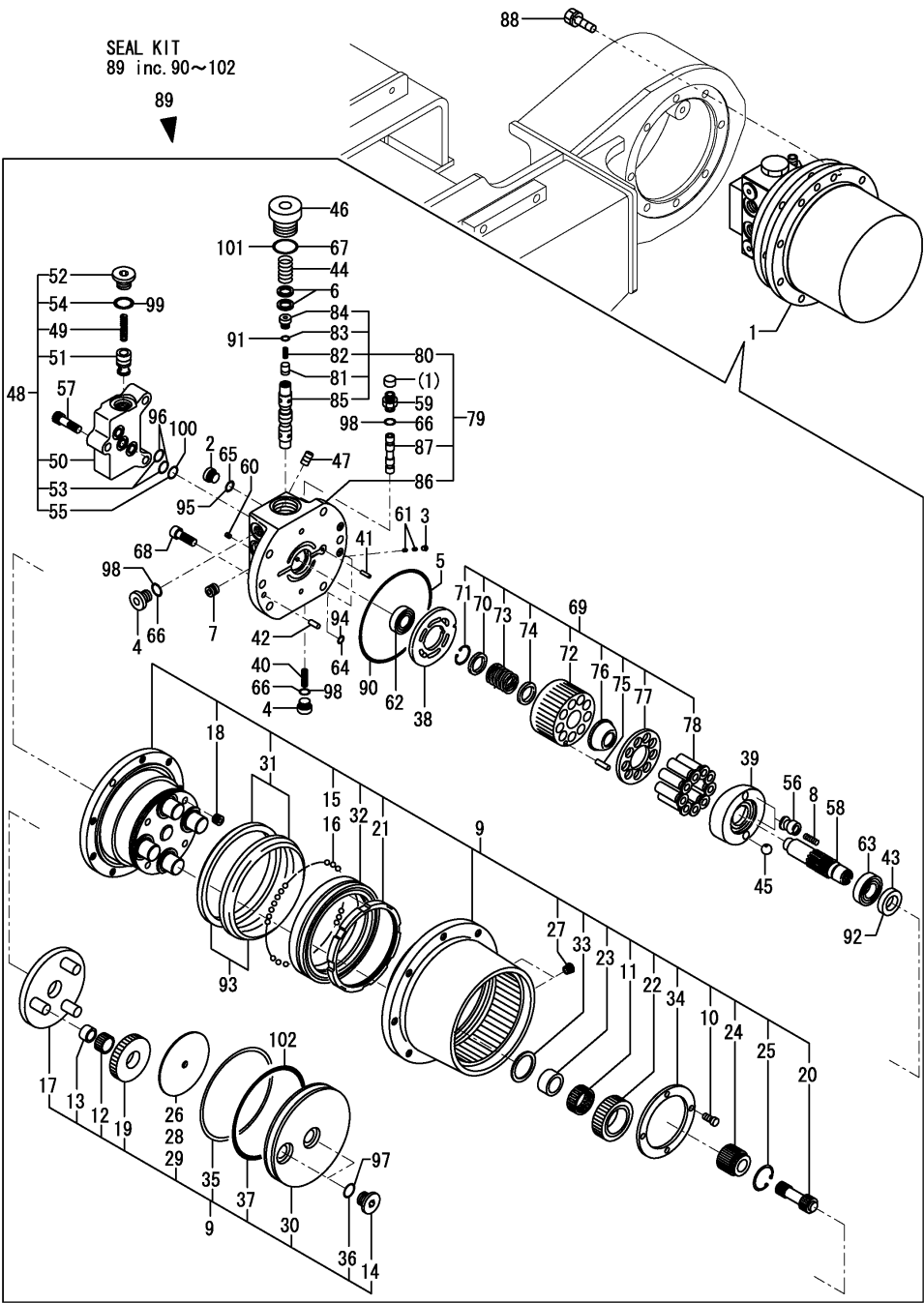


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

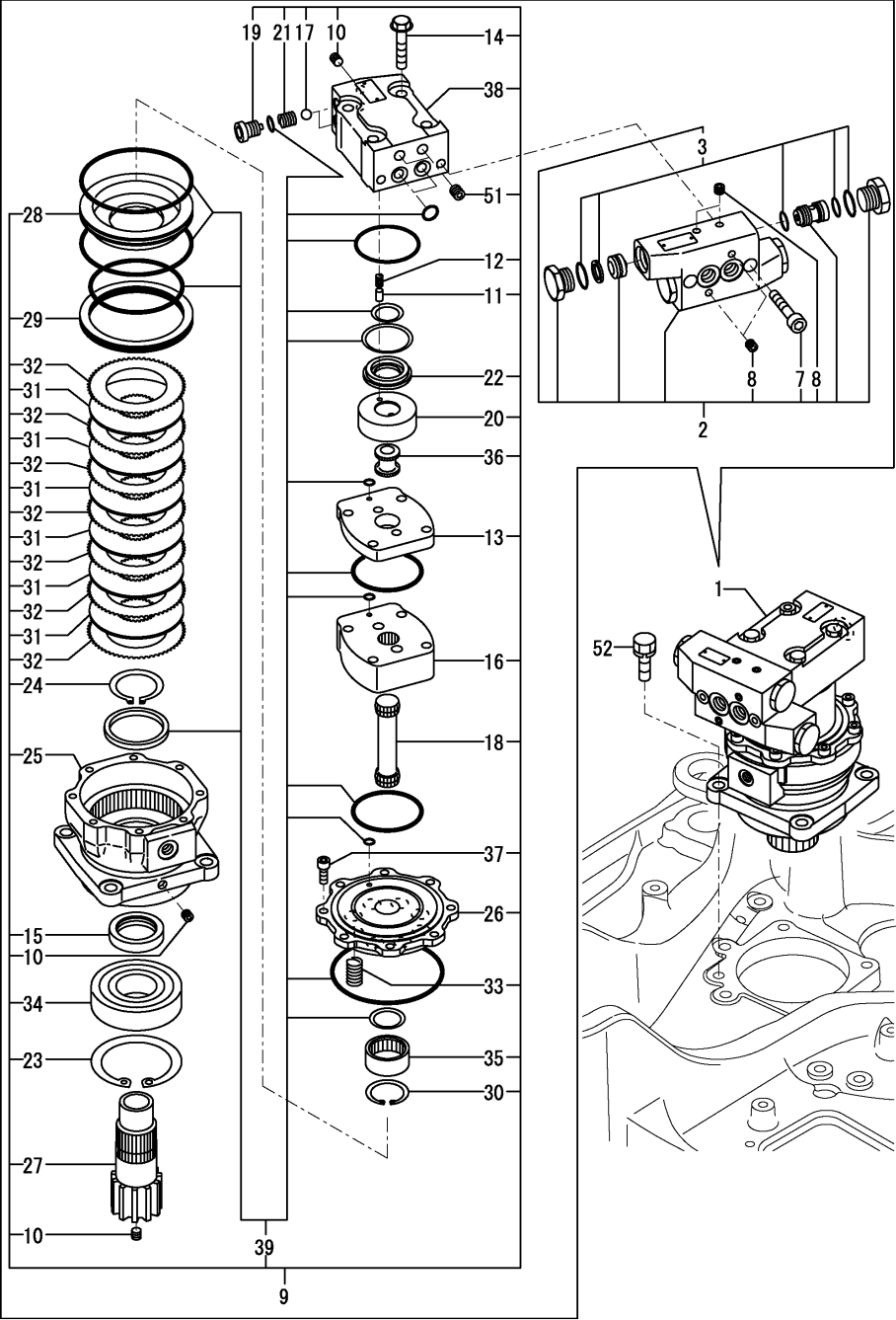
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	2	172456-73540	VALVE ASSY	2	2						
49	3	172148-71580	SPRING	4	4						
50	3	172456-73550	BODY, VALVE	2	2						
51	3	172456-73560	CHECK VALVE	4	4						
52	3	172183-73770	PLUG	4	4						
53	3	24315-000100	O-RING, 1BP10.0	4	4						
54	3	24315-000110	O-RING, 1BP11.0	4	4						
55	3	24315-000120	O-RING, 1BP12.0	2	2						
56	2	172450-73550	PISTON ASSY	4	4						
57	2	172456-73570	BOLT, SOCKET HEAD	6	6						
58	2	172183-73670	SHAFT	2	2						
59	2	172183-73780	PLUG	2	2						
60	2	172183-73870	PLUG	4	4						
61	2	172312-74790	ORIFICE	8	8						
62	2	24101-060024	BEARING, BALL 6002	2	2						
63	2	24101-060044	BEARING, BALL 6004	2	2						
64	2	24315-000070	O-RING, 1BP7.0	6	6						
65	2	24315-000080	O-RING, 1BP8.0	4	4						
66	2	24315-000110	O-RING, 1BP11.0	8	8						
67	2	24315-000240	O-RING, 1BP24.0	4	4						
68	2	26450-080202	BOLT, M8X 20	12	12						
69	2	172448-73420	CYLINDER BLOCK KIT	2	2						
70	3	172141-70290	HOLDER, SPRING	2	2						
71	3	172141-70310	RING, SNAP	2	2						
72	3	172168-71880	BLOCK, CYLINDER	2	2						
73	3	172168-71890	SPRING	2	2						
74	3	172168-71900	SEAT, SPRING	2	2						
75	3	172168-71910	PIN	6	6						
76	3	172168-71920	HOLDER, RETAINER	2	2						
77	3	172450-73530	PLATE, RETAINER	2	2						
78	3	172450-73540	PISTON ASSY	18	18						
79	2	172448-73390	BASE PLATE KIT	2	2						
79-1	2	172448-73391	BASE PLATE KIT	1	1						N
(A=XXX) (B=XXX)											
80	3	172448-73370	SPOOL ASSY	2	2						
80-1	3	172448-73371	SPOOL ASSY	2	2						N
(A=XXX) (B=XXX)											
81	4	172141-70410	VALVE, CHECK	4	4						
82	4	172141-70420	SPRING	4	4						
83	4	172141-70440	O-RING	4	4						
84	4	172421-73380	PLUG	4	4						
85	4	172448-73380	SPOOL	2	2						
85-1	4	172448-73381	SPOOL	2	2						N
(A=XXX) (B=XXX)											
86	3	172456-73470	PLATE, BASE	2	2						
87	3	172456-73530	SPOOL	2	2						
88	1	26013-100252	BOLT, M10X 25	16	16						
89	1	172456-73320	SEAL SET	2	2						
90	2	172141-70370	O-RING	2	2						
91	2	172141-70440	O-RING	4	4						
92	2	172450-73490	SEAL, OIL	2	2						

Fig.47. TRAVEL MOTOR



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
93	2	172183-73510	SEAL, FLOATING	2	2						
94	2	24315-000070	O-RING, 1BP7.0	6	6						
95	2	24315-000080	O-RING, 1BP8.0	4	4						
96	2	24315-000100	O-RING, 1BP10.0	4	4						
97	2	24315-000110	O-RING, 1BP11.0	4	4						
98	2	24315-000110	O-RING, 1BP11.0	8	8						
99	2	24315-000110	O-RING, 1BP11.0	4	4						
100	2	24315-000120	O-RING, 1BP12.0	2	2						
101	2	24315-000240	O-RING, 1BP24.0	4	4						
102	2	24315-001300	O-RING, 1BP130.0	2	2						

Fig.48. TURNING MOTOR

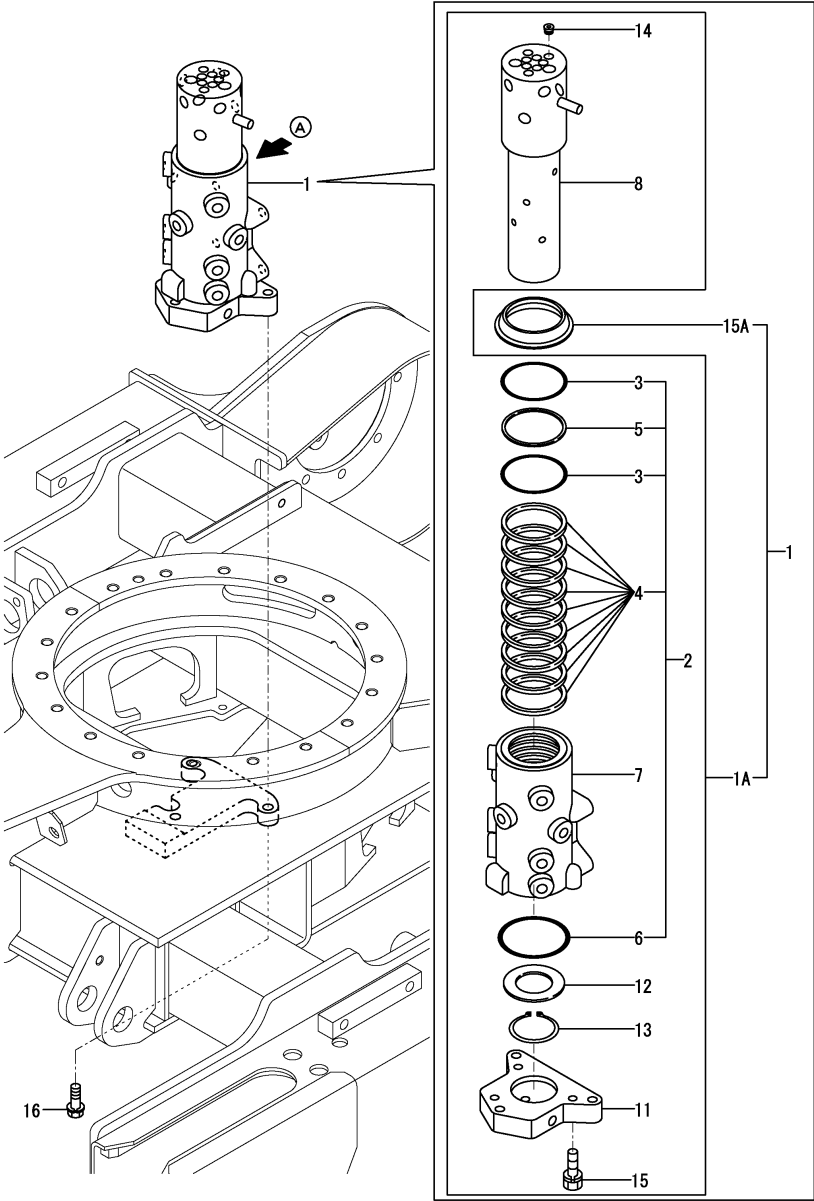


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73310	MOTOR ASSY, SWING	1	1						
2	2	172448-73410	VALVE ASSY, SHOCKLESS	1	1						
3	3	172456-77110	SEAL SET, VALVE	1	1						
7	3	172456-77130	BOLT 6*65	2	2						
8	3	23871-010000	PLUG, R01	6	6						
9	2	172456-77140	MOTOR, SWING	1	1						
10	3	172137-70490	PLUG	4	4						
11	3	172137-70570	PIN	2	2						
12	3	172137-70580	SPRING	2	2						
13	3	172148-73350	PLATE, VALVE	1	1						
14	3	172173-73510	BOLT 12X40	4	4						
15	3	172173-73520	COLLAR	1	1						
16	3	172173-73570	GEROLLER	1	1						
17	3	172168-73580	BALL	2	2						
18	3	172173-73580	DRIVE	1	1						
19	3	172168-73590	PLUG	2	2						
20	3	172173-73590	HOLDER	1	1						
21	3	172168-73600	SPRING	2	2						
22	3	172173-73600	RING	1	1						
23	3	172173-73690	SNAP RING	1	1						
24	3	172173-73700	CIRCLIP	1	1						
25	3	172456-77150	HOUSING, BEARING	1	1						
26	3	172456-77160	FLANGE, MOUTING	1	1						
27	3	172456-77170	GEAR, PINION	1	1						
28	3	172456-77180	PISTON, HYDRAULIC	1	1						
29	3	172456-77190	RING	1	1						
30	3	172456-77200	CIRCLIP	1	1						
31	3	172456-77210	PLATE, FRICTION	6	6						
32	3	172456-77220	PLATE	7	7						
33	3	172456-77230	SPRING	8	8						
34	3	172456-77240	FRONT BEARING	1	1						
35	3	172456-77250	NEEDLE BEARING	1	1						
36	3	172141-77260	DRIVE, VALVE	1	1						
37	3	172456-77270	BOLT 6*65	8	8						
38	3	172456-77280	HOUSING, VALVE	1	1						
39	3	172456-77290	SEAL SET	1	1						
51	3	172141-77400	PLUG, BLIND	2	2						
52	1	26013-120402	BOLT, M12X 40	4	4						

Fig.49. SWIVEL JOINT(Y SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

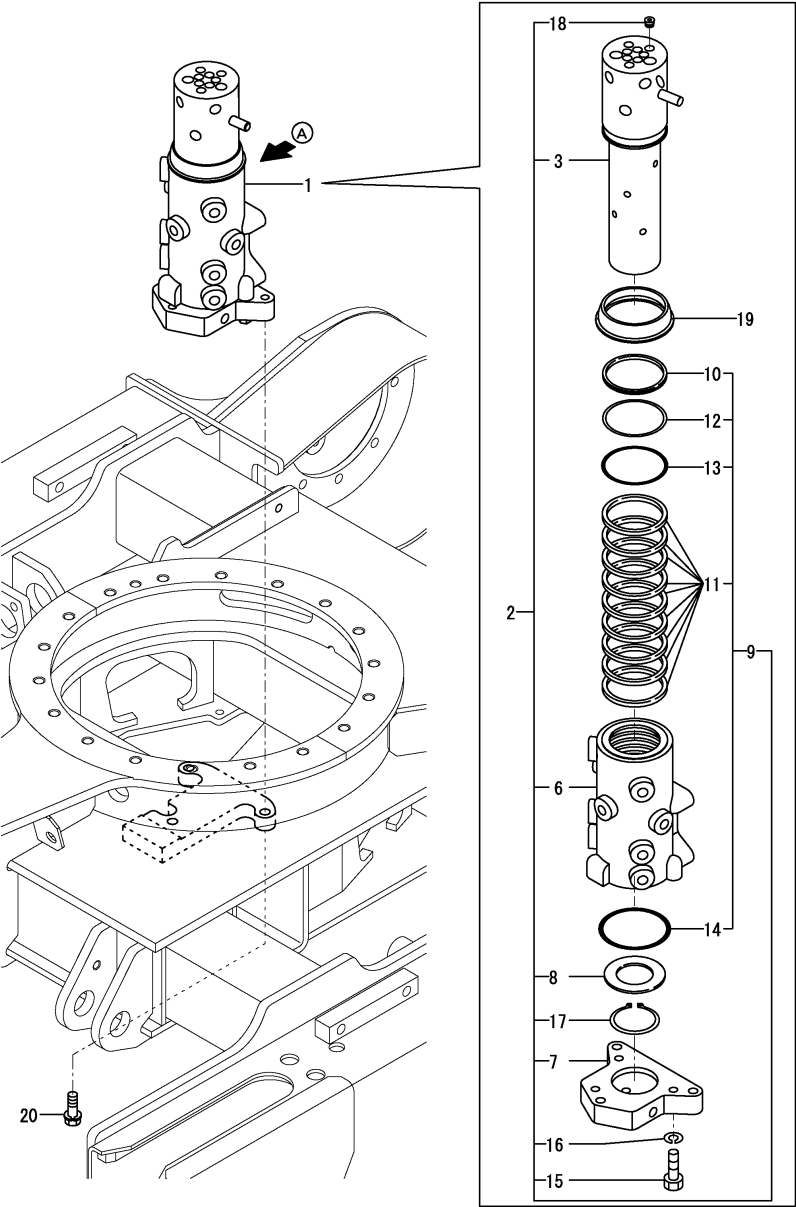


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-73850	SWIVEL ASSY	1	1						
1-1	1	172448-73840	SWIVEL ASSY	1	1					N	
(A=*2005.10.) (B=*2005.10.)											
1-2	1	172448-73840	SWIVEL ASSY	1	1					Z	1
(A=*2013.02.) (B=*2013.02.)											
1A	2	172448-73851	SWIVEL ASSY	1	1					W	
(A=*2005.10.) (B=*2005.10.)											
2	3	172446-73900	SEAL SET, SWIVEL	1	1						
3	4	172142-73800	O-RING, 55.76X5.7	2	2						
4	4	172458-73820	SEAL, SWIVEL	9	9						
5	4	172148-73870	RING, BUCK UP	1	1						
6	4	24321-000700	O-RING, 1AG70.0	1	1						
7	3	172448-73860	HUB,SWIVEL	1	1						
8	3	172446-73870	SHAFT, SWIVEL	1	1						
8-1	3	172446-73871	SHAFT, SWIVEL	1	1					N	
(A=*2014.11.) (B=*2014.11.)											
11	3	172446-73890	FLANGE,SWIVEL	1	1						
12	3	172157-73910	SPACER, SWIVEL	1	1						
13	3	22242-000401	RING, 40	1	1						
14	3	23871-010000	PLUG, R01	8	8						
15	3	26013-080352	BOLT, SPRING M8X 35	3	3						
15A	2	172448-73900	COVER, DUCT	1	1					W	
(A=*2005.10.) (B=*2005.10.)											
16	1	26013-100402	BOLT, SPRING M10X 40	3	3						

Remarks
(1)A : no label.
Compatible by assembly exchange with parts of Fig.89(49A) No.1.
The inner parts are not compatible.

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A64-73790	JOINT ASSY,SWIVEL S	1	1					W	1
(A=*2013.02.) (B=*2013.02.)											
2	2	172A64-73800	JOINT ASSY,SWIVEL S	1	1						
3	3	172A64-73810	SHAFT ASSY,SWIVEL SL	1	1						
6	3	172A64-73840	HUB,SWIVEL S	1	1						
7	3	172A64-73850	FLANGE,SWIVEL SL	1	1						
8	3	172B02-73860	SPACER, SWIVEL	1	1						
9	3	172A64-73880	SEAL KIT,SL	1	1						
9-1	3	172A64-73860	SEAL KIT, SWIVEL	1	1					N	
(A=*2014.04.) (B=*2014.04.)											
10	4	172A64-73870	RING,V	1	1						
11	4	172B02-73870	SEAL, SWIVEL	9	9						
11-1	4	172B02-73890	SEAL, SWIVEL	9	9					N	
(A=*2014.04.) (B=*2014.04.)											
12	4	172B02-73880	RING, BACKUP T3 55	1	1						
13	4	24315-000560	O-RING, 1BP56.0	1	1						
14	4	24325-000700	O-RING, 1BG70.0	1	1						
15	3	172A64-73890	BOLT,10.9 8X 40	3	3						
16	3	22217-080000	WASHER, SPRING 8	3	3						
17	3	22242-000451	RING, 45	1	1						
18	3	23871-010000	PLUG, R01	8	8						
19	2	172448-73900	COVER, DUCT	1	1						
20	1	26013-100402	BOLT, SPRING M10X 40	3	3						

Remarks
(1)A:NACHI LABEL
Compatible by assembly exchange from parts of Fig.49 No.1-2.
The inner parts are not compatible.

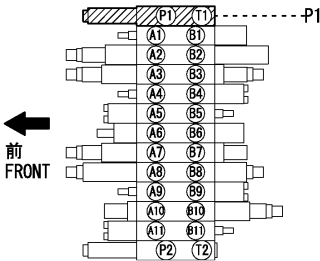
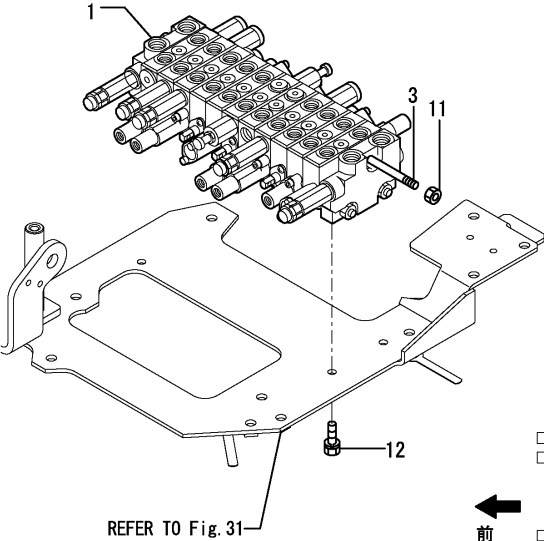
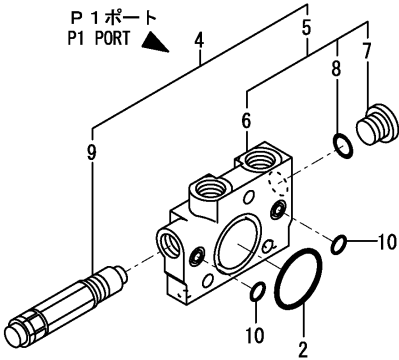
Fig.50. CONTROL VALVE(1/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2～11と
項目No. 51の見出しNo. 1～31と
項目No. 52の見出しNo. 1～28と
項目No. 53の見出しNo. 1～30と
項目No. 54の見出しNo. 1～27と
項目No. 55の見出しNo. 1～24と
項目No. 56の見出しNo. 1～20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2～11.
Fig. 51 Ref. No. 1～31.
Fig. 52 Fig. No. 1～28.
Fig. 53 Ref. No. 1～30.
Fig. 54 Fig. No. 1～27.
Fig. 55 Fig. No. 1～24.
Fig. 56 Fig. No. 1～20.

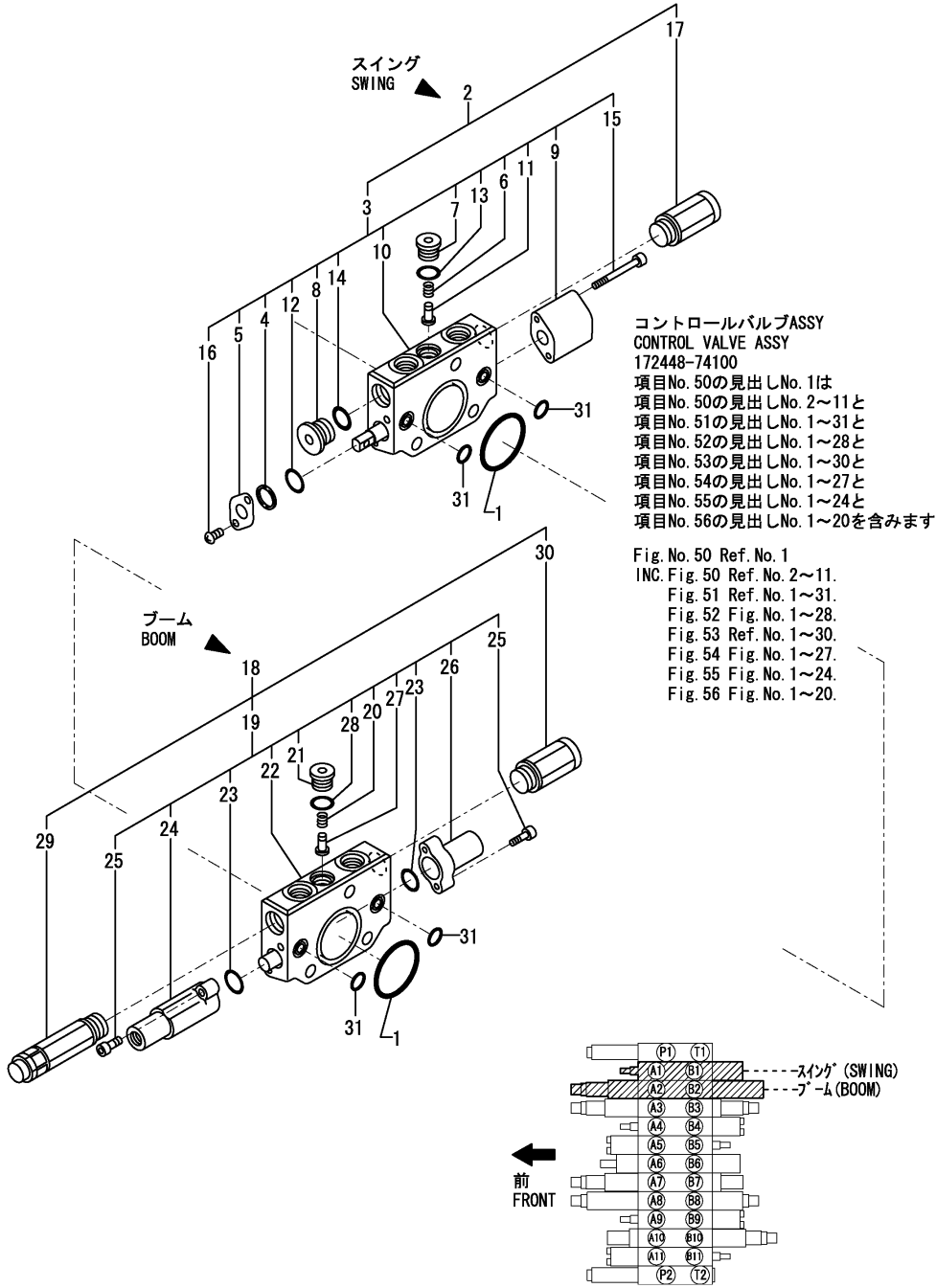


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74100	VALVE ASSY,CONTROL	1	1						
2	2	172448-74380	O-RING, AS1B 127	1	1						
3	2	172448-74390	BOLT L310	3	3						
4	2	172448-74400	ADJUSTER,PRESSURE P1	1	1						
5	3	172448-74110	SECTION ASSY	1	1						
6	4	172447-74250	SECTION	1	1						
7	4	172183-74350	PLUG PF1/4	1	1						
8	4	24315-000110	O-RING, 1BP11.0	1	1						
9	3	172448-74360	MAIN RELIFE VALVE	1	1						
10	2	24315-000100	O-RING, 1BP10.0	2	2						
11	2	26716-080002	NUT, M8	6	6						
12	1	26013-080162	BOLT, M8X 16	3	3						

Fig.51. CONTROL VALVE(2/7)

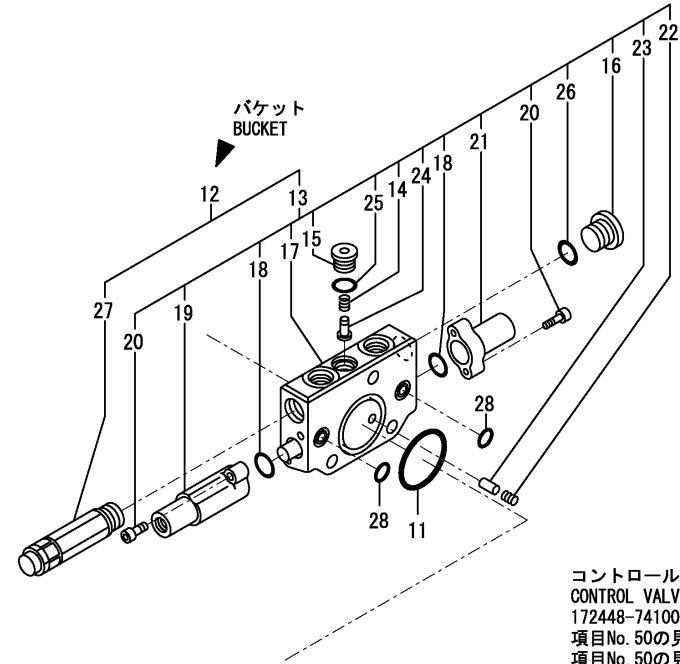
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74380	O-RING, AS1B 127	2	2						
2	2	172448-74410	SECTION, SWING	1	1						
3	3	172448-74120	SECTION ASSY, SWING	1	1						
4	4	172157-70630	BAC UP RING	1	1						
5	4	172157-70640	PLATE, O-RING	1	1						
6	4	172157-70690	SPRING, VALVE	1	1						
7	4	172157-70700	STAY, VALVE	1	1						
8	4	172157-70720	PLUG PF3/8	1	1						
9	4	172157-70820	CAP, SPRING	1	1						
10	4	172448-74130	SPOOL ASSY, SWING	1	1						
11	4	172137-74520	VALVE, CHECK	1	1						
12	4	24311-240100	O-RING, 1AP10A	1	1						
13	4	24315-000110	O-RING, 1BP11.0	1	1						
14	4	24315-000140	O-RING, 1BP14.0	1	1						
15	4	26450-050452	BOLT, M5X 45	2	2						
16	4	26557-050102	SCREW, M5X10	2	2						
17	3	172447-74230	ANTI-CAVITATION	1	1						
18	2	172448-74420	SECTION, BOOM	1	1						
19	3	172448-74140	SECTION ASSY, BOOM	1	1						
20	4	172157-70690	SPRING, VALVE	1	1						
21	4	172157-70700	STAY, VALVE	1	1						
22	4	172448-74150	SPOOL ASSY, BOOM	1	1						
23	4	172449-74220	O-RING, AS 1A016	2	2						
24	4	172449-74270	CAP	1	1						
25	4	172449-74280	BOLT, M5 X 20	4	4						
26	4	172449-74290	CAP	1	1						
27	4	172137-74520	VALVE, CHECK	1	1						
28	4	24315-000110	O-RING, 1BP11.0	1	1						
29	3	172447-74221	PORT RELIFE VALVE	1	1						
30	3	172447-74230	ANTI-CAVITATION	1	1						
31	2	24315-000100	O-RING, 1BP10.0	4	4						

Fig.52. CONTROL VALVE(3/7)



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

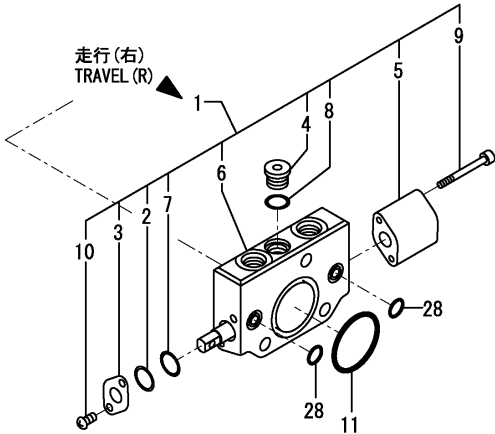
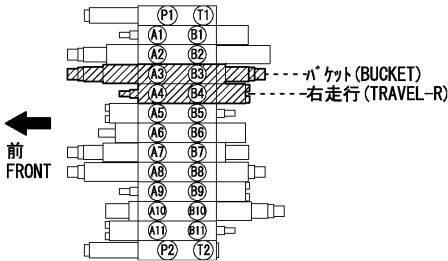


Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74180	SECTION ASSY, TRAVEL	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70700	STAY, VALVE	1	1						
5	3	172157-70820	CAP, SPRING	1	1						
6	3	172448-74190	SPOOL ASSY, TRAVEL	1	1						
7	3	24311-240100	O-RING, 1AP10A	1	1						
8	3	24315-000110	O-RING, 1BP11.0	1	1						
9	3	26450-050452	BOLT, M5X 45	2	2						
10	3	26557-050102	SCREW, M5X10	2	2						
11	2	172448-74380	O-RING, AS1B 127	2	2						
12	2	172448-74430	SECTION, BUCKET	1	1						
13	3	172448-74160	SECTION ASSY, BUCKET	1	1						
14	4	172157-70690	SPRING, VALVE	1	1						
15	4	172157-70700	STAY, VALVE	1	1						
16	4	172157-70720	PLUG PF3/8	1	1						
17	4	172448-74170	SPOOL ASSY, BUCKET	1	1						
18	4	172449-74220	O-RING, AS 1A016	2	2						
19	4	172449-74270	CAP	1	1						
20	4	172449-74280	BOLT, M5 X 20	4	4						
21	4	172449-74290	CAP	1	1						
22	4	172447-74300	SPRING, VALVE	1	1						
23	4	172447-74310	VALVE, CHECK	1	1						
24	4	172137-74520	VALVE, CHECK	1	1						
25	4	24315-000110	O-RING, 1BP11.0	1	1						
26	4	24315-000140	O-RING, 1BP14.0	1	1						
27	3	172448-74370	OVER LOAD RELIEF V	1	1						
28	2	24315-000100	O-RING, 1BP10.0	4	4						

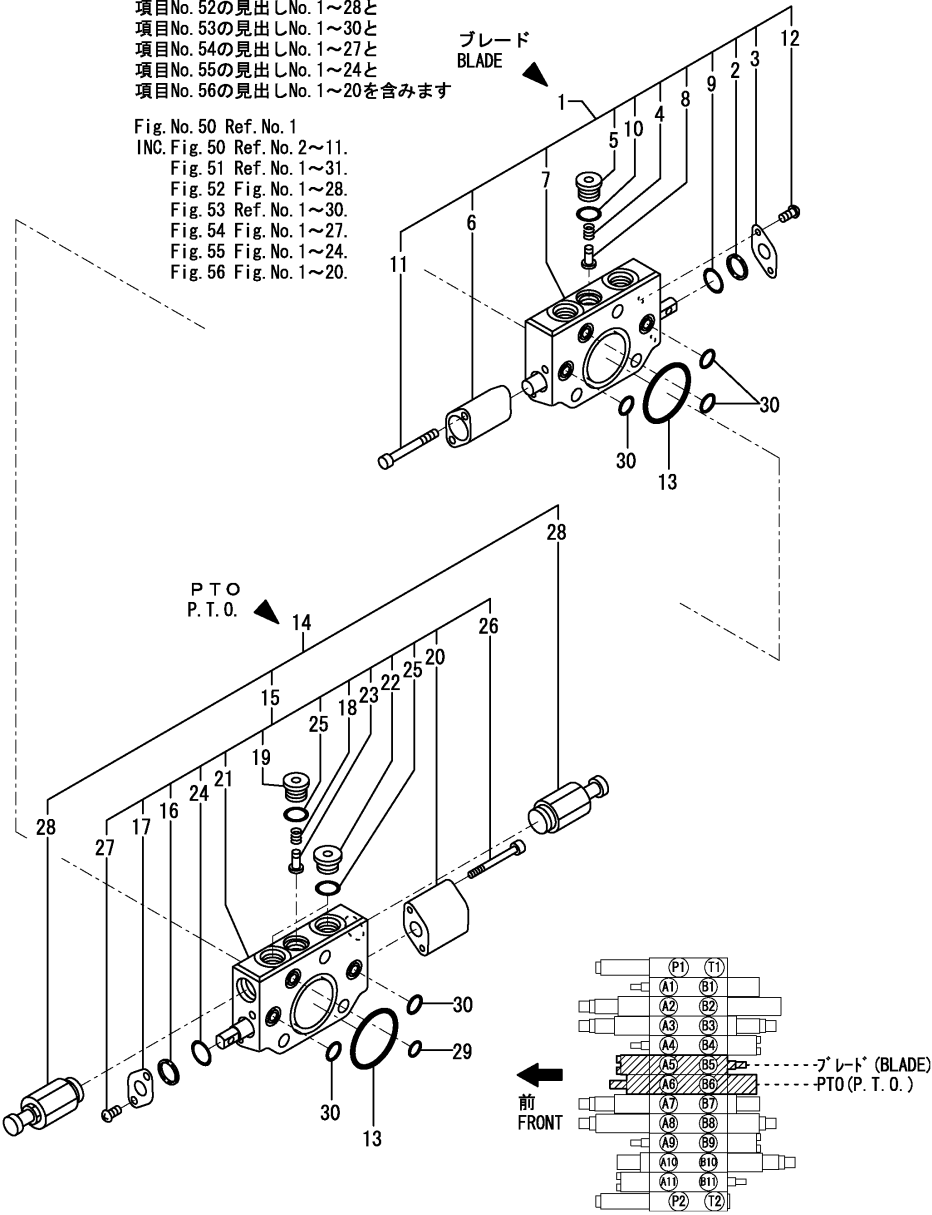
Fig.53. CONTROL VALVE(4/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

コントロールバルブ ASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.

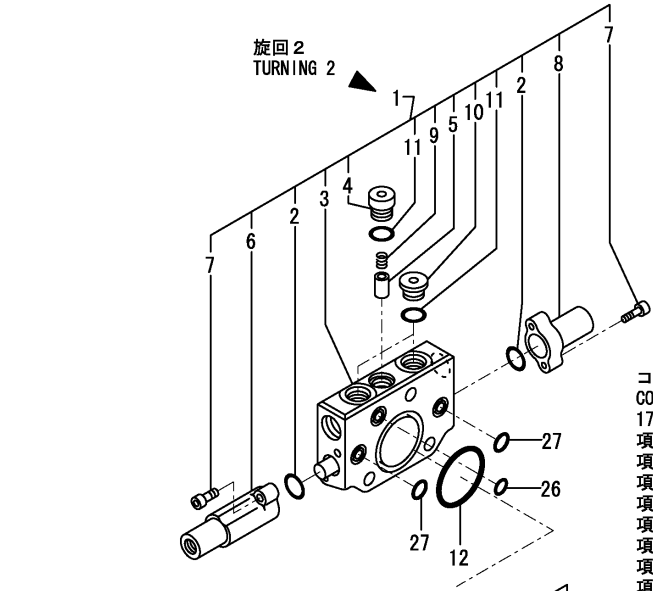


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74200	SECTION ASSY, BLADE	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74210	SPOOL ASSY, BLADE	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74380	O-RING, AS1B 127	2	2						
14	2	172448-74440	SECTION, PTO	1	1						
15	3	172448-74220	SECTION ASSY, PTO	1	1						
16	4	172157-70630	BAC UP RING	1	1						
17	4	172157-70640	PLATE, O-RING	1	1						
18	4	172157-70690	SPRING, VALVE	1	1						
19	4	172157-70700	STAY, VALVE	1	1						
20	4	172157-70820	CAP, SPRING	1	1						
21	4	172448-74230	SPOOL ASSY, PTO	1	1						
22	4	172183-74350	PLUG PF1/4	2	2						
23	4	172137-74520	VALVE, CHECK	1	1						
24	4	24311-240100	O-RING, 1AP10A	1	1						
25	4	24315-000110	O-RING, 1BP11.0	3	3						
26	4	26450-050452	BOLT, M5X 45	2	2						
27	4	26557-050102	SCREW, M5X10	2	2						
28	3	172458-74740	SHUT OFF VALVE	2	2						
29	2	24315-000040	O-RING, 1BP4.0	1	1						
30	2	24315-000100	O-RING, 1BP10.0	5	5						

Fig.54. CONTROL VALVE(5/7)

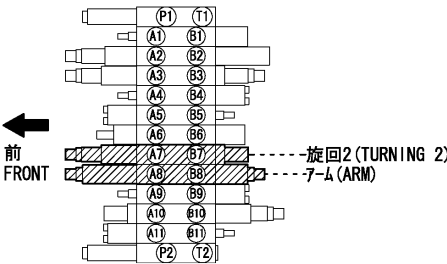
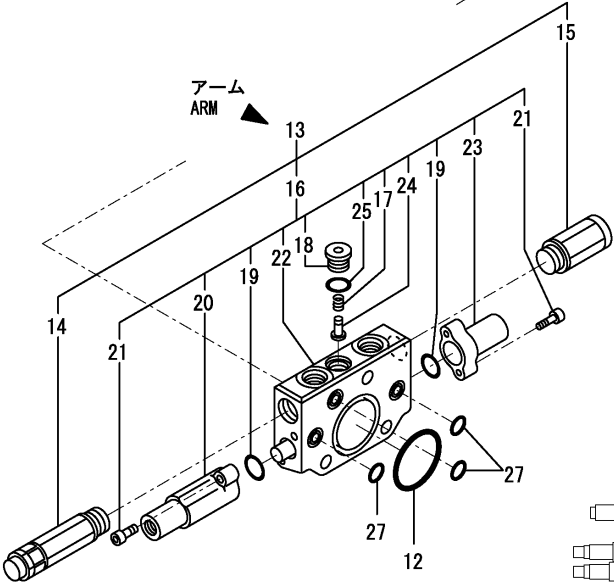
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.

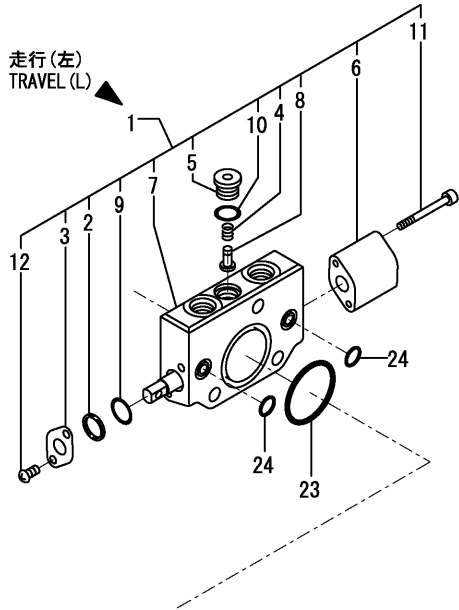


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74240	SECTION ASSY	1	1						
2	3	172449-74220	O-RING, AS 1A016	2	2						
3	3	172448-74250	SPOOL ASSY, SWING	1	1						
4	3	172448-74260	CAP, VALVE	1	1						
5	3	172448-74270	CHECK VALVE C	1	1						
6	3	172449-74270	CAP	1	1						
7	3	172449-74280	BOLT, M5 X 20	4	4						
8	3	172449-74290	CAP	1	1						
9	3	172447-74300	SPRING, VALVE	1	1						
10	3	172183-74350	PLUG PF1/4	2	2						
11	3	24315-000110	O-RING, 1BP11.0	3	3						
12	2	172448-74380	O-RING, AS1B 127	2	2						
13	2	172448-74450	SECTION, ARM	1	1						
14	3	172447-74221	PORT RELIFE VALVE	1	1						
15	3	172447-74230	ANTI-CAVITATION	1	1						
16	3	172448-74280	SECTION ASSY, ARM	1	1						
17	4	172157-70690	SPRING, VALVE	1	1						
18	4	172157-70700	STAY, VALVE	1	1						
19	4	172449-74220	O-RING, AS 1A016	2	2						
20	4	172449-74270	CAP	1	1						
21	4	172449-74280	BOLT, M5 X 20	4	4						
22	4	172448-74290	SPOOL ASSY, ARM	1	1						
23	4	172449-74290	CAP	1	1						
24	4	172137-74520	VALVE, CHECK	1	1						
25	4	24315-000110	O-RING, 1BP11.0	1	1						
26	2	24315-000040	O-RING, 1BP4.0	1	1						
27	2	24315-000100	O-RING, 1BP10.0	5	5						

Fig.55. CONTROL VALVE(6/7)

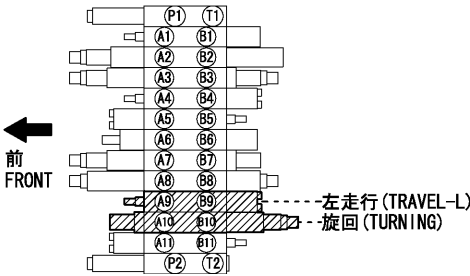
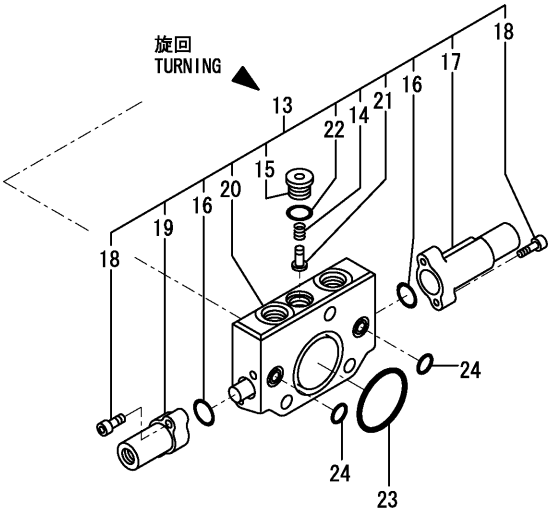
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2~11と
項目No. 51の見出しNo. 1~31と
項目No. 52の見出しNo. 1~28と
項目No. 53の見出しNo. 1~30と
項目No. 54の見出しNo. 1~27と
項目No. 55の見出しNo. 1~24と
項目No. 56の見出しNo. 1~20を含みます

Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2~11.
Fig. 51 Ref. No. 1~31.
Fig. 52 Fig. No. 1~28.
Fig. 53 Ref. No. 1~30.
Fig. 54 Fig. No. 1~27.
Fig. 55 Fig. No. 1~24.
Fig. 56 Fig. No. 1~20.



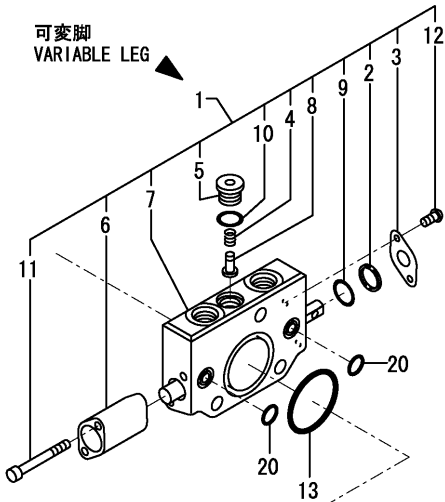
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74300	SECTION ASSY, TRAVEL	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74310	SPOOL ASSY, TRAVEL	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74320	SECTION ASSY	1	1						
14	3	172157-70690	SPRING, VALVE	1	1						
15	3	172157-70700	STAY, VALVE	1	1						
16	3	172449-74220	O-RING, AS 1A016	2	2						
17	3	172449-74270	CAP	1	1						
18	3	172449-74280	BOLT, M5 X 20	4	4						
19	3	172449-74290	CAP	1	1						
20	3	172448-74330	SPOOL ASSY, SWING	1	1						
21	3	172137-74520	VALVE, CHECK	1	1						
22	3	24315-000110	O-RING, 1BP11.0	1	1						
23	2	172448-74380	O-RING, AS1B 127	2	2						
24	2	24315-000100	O-RING, 1BP10.0	4	4						

Fig.56. CONTROL VALVE(7/7)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

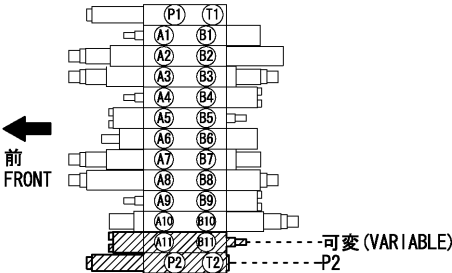
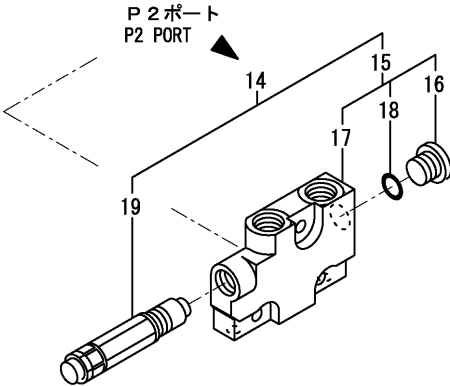
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172448-74340	SECTION ASSY, OPTION	1	1						
2	3	172157-70630	BAC UP RING	1	1						
3	3	172157-70640	PLATE, O-RING	1	1						
4	3	172157-70690	SPRING, VALVE	1	1						
5	3	172157-70700	STAY, VALVE	1	1						
6	3	172157-70820	CAP, SPRING	1	1						
7	3	172448-74350	SPOOL ASSY, OPTION	1	1						
8	3	172137-74520	VALVE, CHECK	1	1						
9	3	24311-240100	O-RING, 1AP10A	1	1						
10	3	24315-000110	O-RING, 1BP11.0	1	1						
11	3	26450-050452	BOLT, M5X 45	2	2						
12	3	26557-050102	SCREW, M5X10	2	2						
13	2	172448-74380	O-RING, AS1B 127	1	1						
14	2	172448-74460	ADJUSTER,PRESSURE P2	1	1						
15	3	172447-74200	SECTION ASSY	1	1						
16	4	172183-74350	PLUG PF1/4	1	1						
17	4	172447-74380	SECTION	1	1						
18	4	24315-000110	O-RING, 1BP11.0	1	1						
19	3	172448-74360	MAIN RELIFE VALVE	1	1						
20	2	24315-000100	O-RING, 1BP10.0	2	2						



コントロールバルブASSY
CONTROL VALVE ASSY
172448-74100
項目No. 50の見出しNo. 1は
項目No. 50の見出しNo. 2～11と
項目No. 51の見出しNo. 1～31と
項目No. 52の見出しNo. 1～28と
項目No. 53の見出しNo. 1～30と
項目No. 54の見出しNo. 1～27と
項目No. 55の見出しNo. 1～24と
項目No. 56の見出しNo. 1～20を含みます

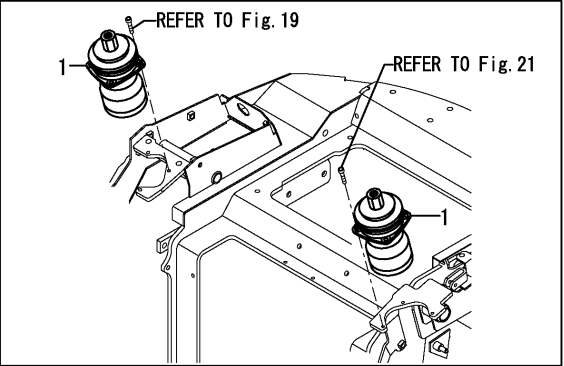
Fig. No. 50 Ref. No. 1
INC. Fig. 50 Ref. No. 2～11.
Fig. 51 Ref. No. 1～31.
Fig. 52 Fig. No. 1～28.
Fig. 53 Ref. No. 1～30.
Fig. 54 Fig. No. 1～27.
Fig. 55 Fig. No. 1～24.
Fig. 56 Fig. No. 1～20.



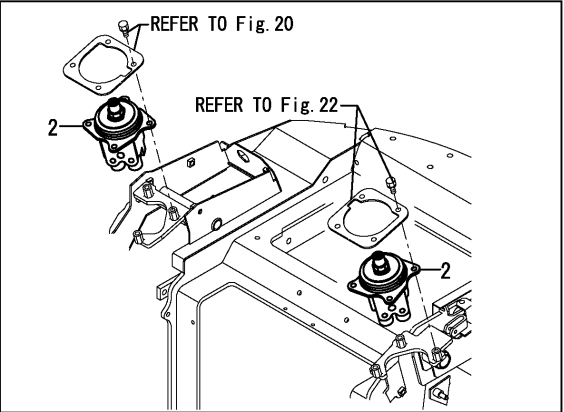
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(B)=VIO15-2(EX)
(C)=

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

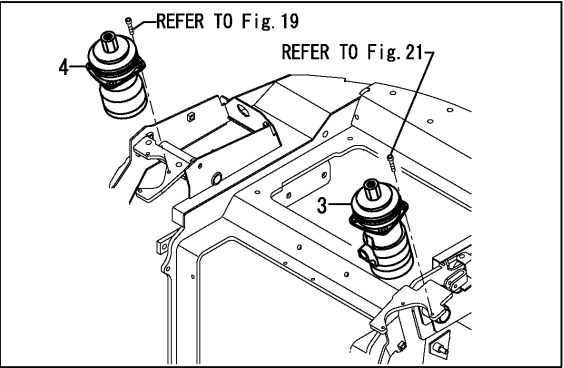
A仕様
A-SPEC.



B仕様
B-SPEC.



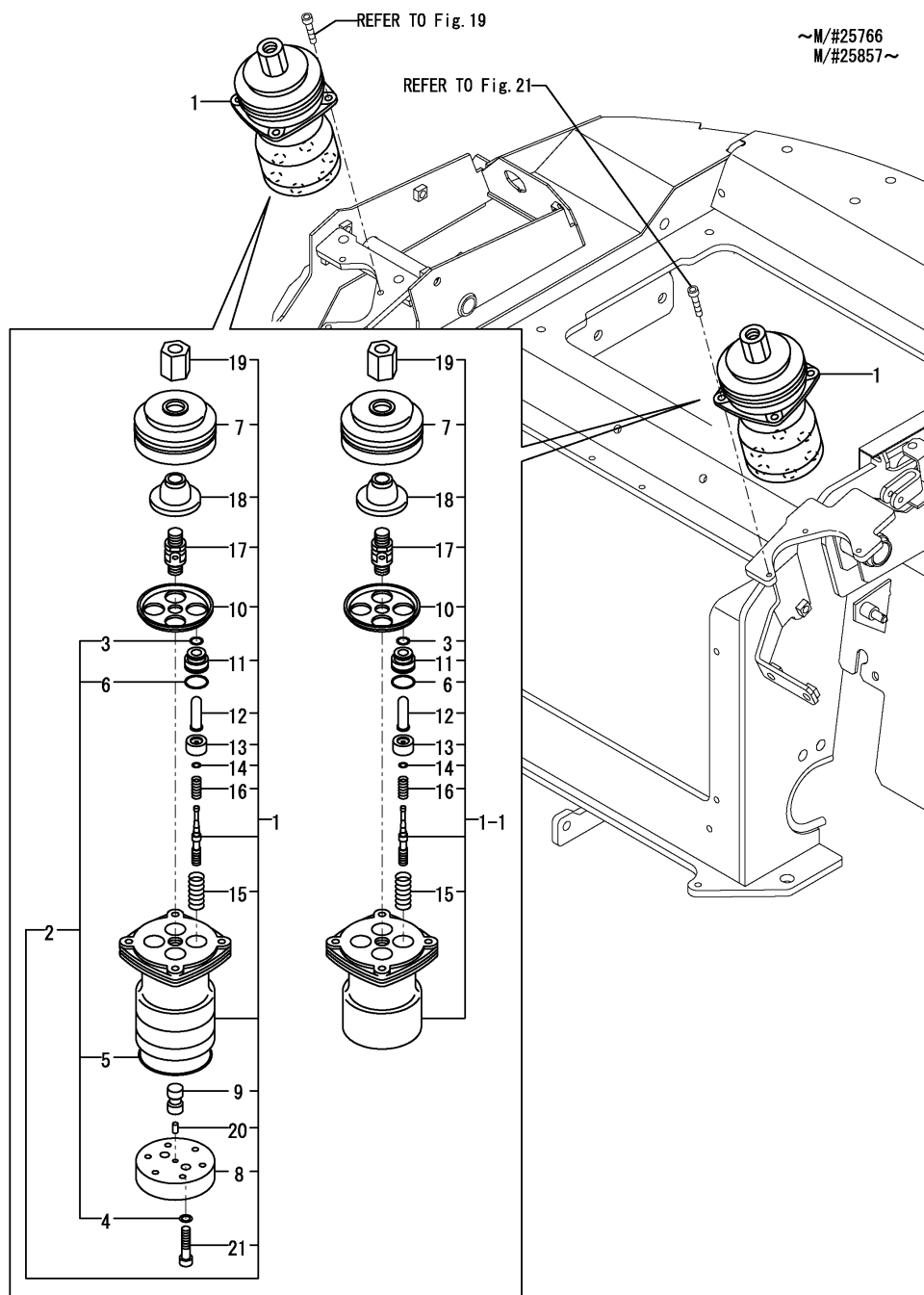
2ウェイ仕様
2ウェイ標準仕様
2-WAY SPEC.
2-WAY STANDARD SPEC.



仕様	SPEC.	左 LEFT	右 RIGHT
A仕様	A-SPEC.	Fig. 58	Fig. 58
B仕様	B-SPEC.	Fig. 59	Fig. 59
2ウェイ/標準	2-WAY/STD.	Fig. 60	Fig. 58

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74700	VALVE ASSY,REM-CON.	2							
1-1	1	172448-74701	VALVE ASSY, REM-CON.	2	2						R
(A=M/#20902)											
2	1	172449-74600	REMOTE CONTROL VALVE	2	2						
3	1	172448-74800	VALVE ASSY,REMO.CON.	1							
4	1	172448-74701	VALVE ASSY, REM-CON.	1							

Fig.58. REMOTE CONTROL VALVE(STD-A-SPEC.)

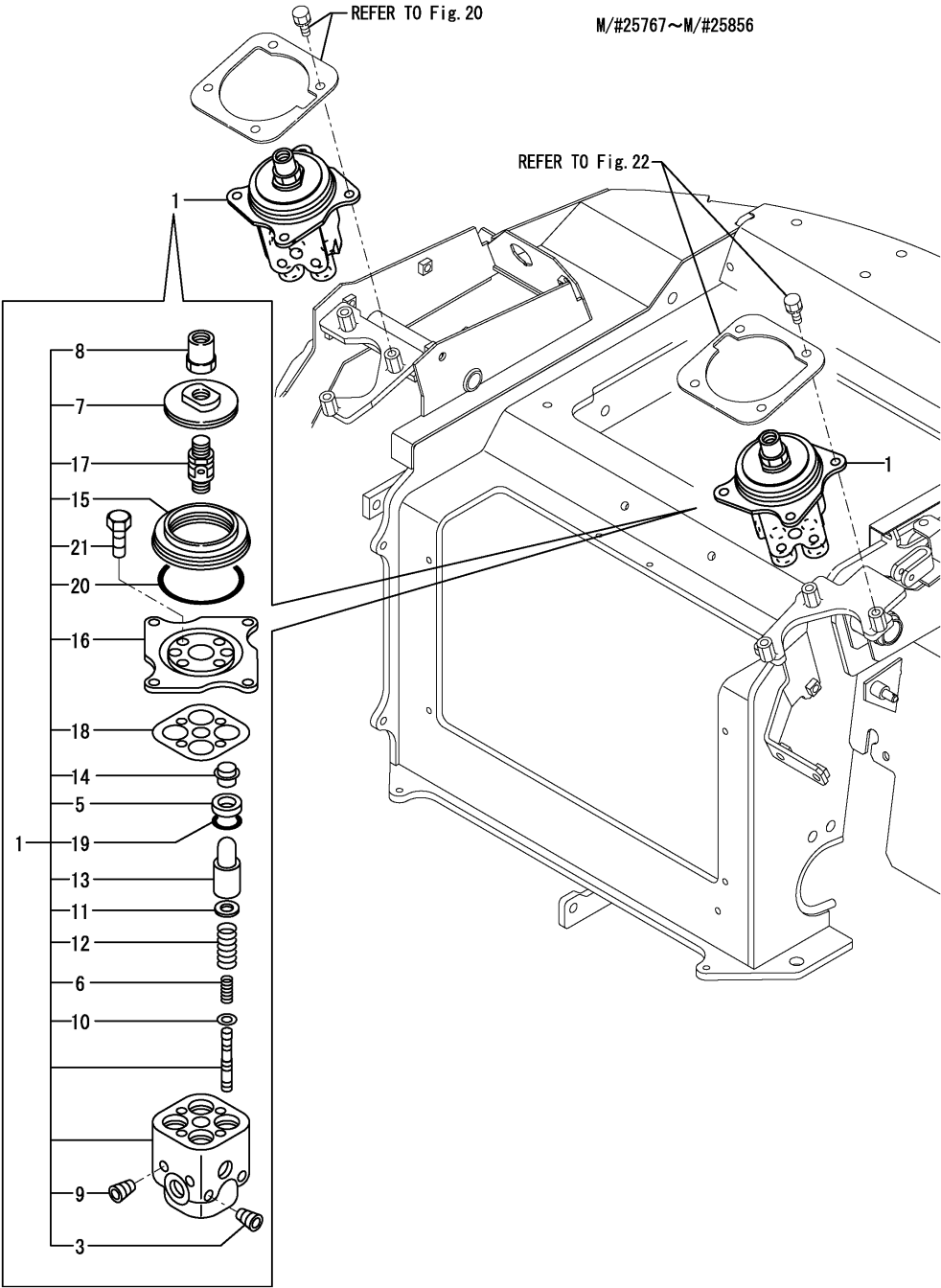


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-74700	VALVE ASSY,REM-CON.	2							
1-1	1	172448-74701 (A=M/#20902)	VALVE ASSY, REM-CON.	2	2						R
2	2	172448-74710 (A=M/#20902)	SEAL SET	2							Z
3	3	172448-74790	SEAL	8	8						
4	3	172448-74820 (A=M/#20902)	PACKING	4							Z
5	3	172448-74830 (A=M/#20902)	O-RING	2							Z
6	3	24315-000200	O-RING, 1BP20.0	8	8						
7	2	172455-74710	BELLOWS	2	2						
8	2	172448-74740 (A=M/#20902)	PLATE, RORT	2							Z
9	2	172448-74750 (A=M/#20902)	BUSH	2							Z
10	2	172448-74760	PLATE	2	2						
11	2	172448-74770	PLUG	8	8						
12	2	172448-74780	ROD Q,PUSH	8	8						
13	2	172448-74910	SEAT, SPRING	8	8						
14	2	172448-74920	WASHER	8	8						
15	2	172448-74930	SPRING	8	8						
16	2	172448-74940	SPRING	8	8						
17	2	172448-74950	JOINT	2	2						
18	2	172448-74960	PLATE, CIRCLE	2	2						
19	2	172448-74970	NUT, ADJUST	2	2						
20	2	22351-050010 (A=M/#20902)	PIN, SPRING 5.0X10	2							Z
21	2	26450-080352 (A=M/#20902)	BOLT, M8X 35	4							Z

Fig.59. REMOTE CONTROL VALVE(STD-B-SPEC.)

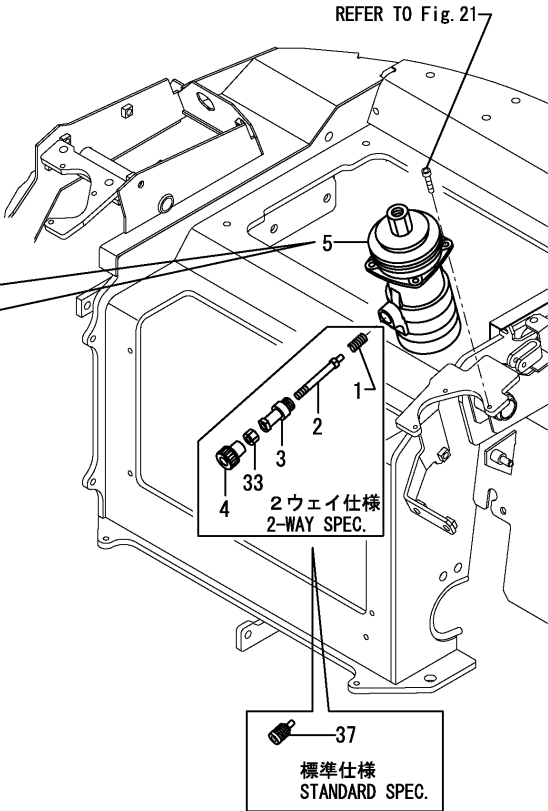
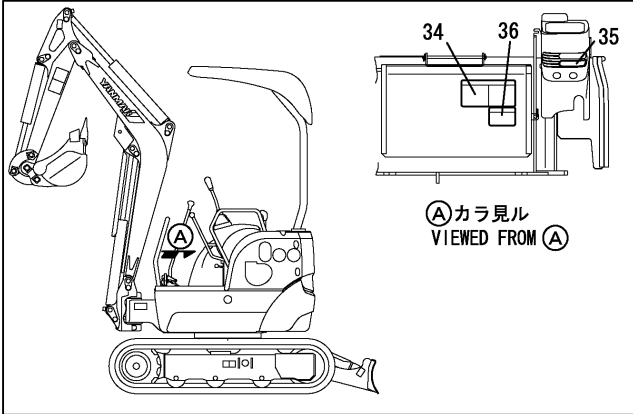
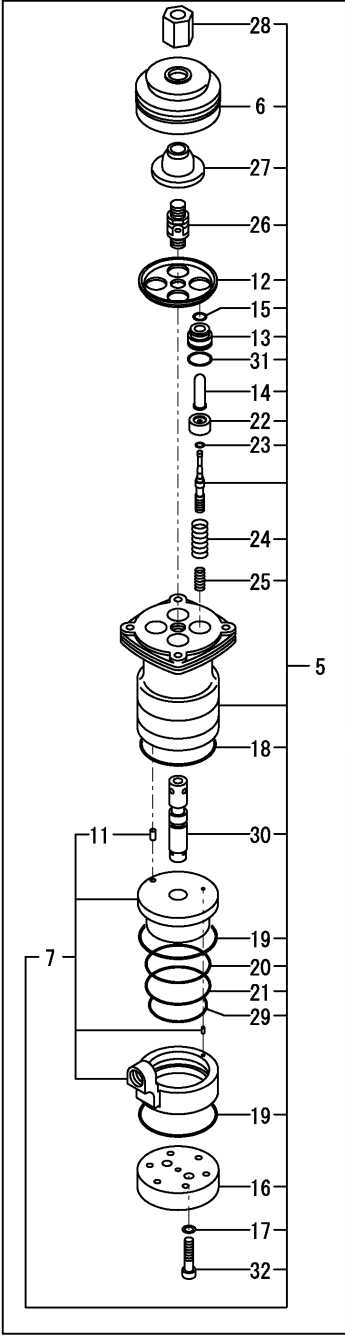
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-74600	REMOTE CONTROL VALVE	2	2						
3	2	172164-74560	PLUG	4	4						
5	2	172164-74610	COLLAR	8	8						
6	2	172449-74610	SPRING	8	8						
7	2	172164-74620	DISK	2	2						
8	2	172164-74630	NUT	2	2						
9	2	172164-74650	PLUG	4	4						
10	2	172151-74860	SHIM(COUNT. SET	8	8						
11	2	172151-74880	RETAINER	8	8						
12	2	172151-74890	SP (SYN.	8	8						
13	2	172151-74900	PISTON	8	8						
14	2	172151-74910	SEAL	8	8						
15	2	172151-74930	BOOT	2	2						
16	2	172151-74940	PLATE	2	2						
17	2	172151-74950	UNION	2	2						
18	2	172151-74980	PLATE	2	2						
19	2	24311-000200	O-RING, 1AP20.0	8	8						
20	2	24311-000700	O-RING, 1AP70.0	2	2						
21	2	26116-060202	BOLT, M6X 20 PLATED	8	8						

Fig.60. REMOTE CONTROL VALVE(2-WAY SPEC.)



172448-08520
2ウェイマルチバルブキットは、項目No. 86を参照下さい
2-WAY MULTI VALVE KIT is shown in Fig. 86.

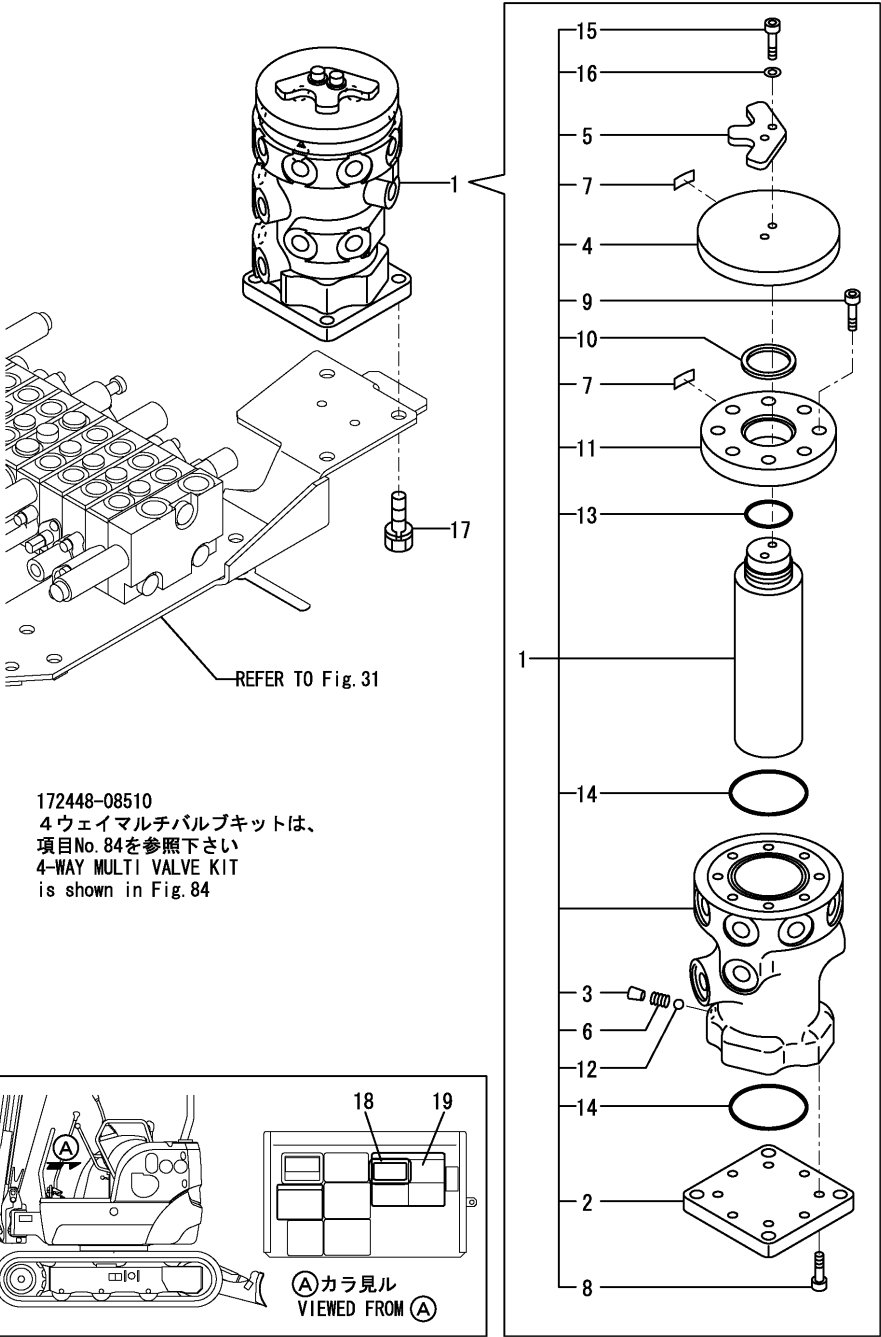
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1C6141-35370	SPRING, LOCK	1	1						
2	1	172458-74470	SHAFT	1	1						
3	1	172458-74480	SLEEVE	1	1						
4	1	172458-74490	KNOB, LEVER	1	1						
5	1	172448-74800	VALVE ASSY, REMO. CON.	1	1						
6	2	172455-74710	BELLOWS	1	1						
7	2	172448-74720	SLEEVE, SPOOL	1	1						
11	3	22351-050010	PIN, SPRING 5.0X10	1	1						
12	2	172448-74760	PLATE	1	1						
13	2	172448-74770	PLUG	4	4						
14	2	172448-74780	ROD Q, PUSH	4	4						
15	2	172448-74790	SEAL	4	4						
16	2	172448-74810	PLATE, PORT	1	4						
17	2	172448-74820	PACKING	2	2						
18	2	172448-74830	O-RING	1	1						
19	2	172448-74860	O-RING	2	2						
20	2	172448-74870	O-RING	1	1						
21	2	172448-74880	O-RING	1	1						
22	2	172448-74910	SEAT, SPRING	4	4						
23	2	172448-74920	WASHER	4	4						
24	2	172448-74930	SPRING	4	4						
25	2	172448-74940	SPRING	4	4						
26	2	172448-74950	JOINT	1	1						
27	2	172448-74960	PLATE, CIRCLE	1	1						
28	2	172448-74970	NUT, ADJUST	1	1						
29	2	172448-74980	O-RING	1	1						
30	2	172448-74990	DISTANZBUCHSE	1	1						
31	2	24315-000200	O-RING, 1BP20.0	4	4						
32	2	26450-080652	BOLT, M8X 65	2	2						
33	1	26712-080002	NUT, M8	1	1						
34	1	172458-03550	LABEL	1	1						
35	1	172458-03560	LABEL	1	1						
36	1	172458-03570	LABEL	1	1						
37	1	172448-74730	PLUG	1	1						

Fig.61. ROTARY VALVE(4-WAY SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172449-74800	VALVE,MULT CHANGE	1							
2	2	182900-16530	COVER	1							
3	2	182901-39280	PLUG	1							
4	2	182901-39290	PLATE	1							
5	2	182901-39300	PLATE	1							
6	2	182901-40720	SPRING	1							
7	2	172449-74810	LABEL,PATTERN	1							
8	2	182900-77190	BOLT	8							
9	2	182900-77200	BOLT	8							
10	2	182900-77210	DUST SEAL	1							
11	2	182900-77220	COVER	1							
12	2	24190-100001	BALL, STEEL 5/16	1							
13	2	24311-000280	O-RING, 1AP28.0	1							
14	2	24321-000600	O-RING, 1AG60.0	2							
15	2	953KMO-00165	BOLT	2							
15-1	2	953KMO-00165	BOLT	2							N
(A=M/#20501)											
16	2	953KMO-00220	WASHER	2							
16-1	2	953KMO-00220	WASHER	2							N
(A=M/#20501)											
17	1	26013-100202	BOLT, M10X 20	3							
18	1	172444-03290	MAGNET	1							
19	1	172151-03551	LABEL	1							

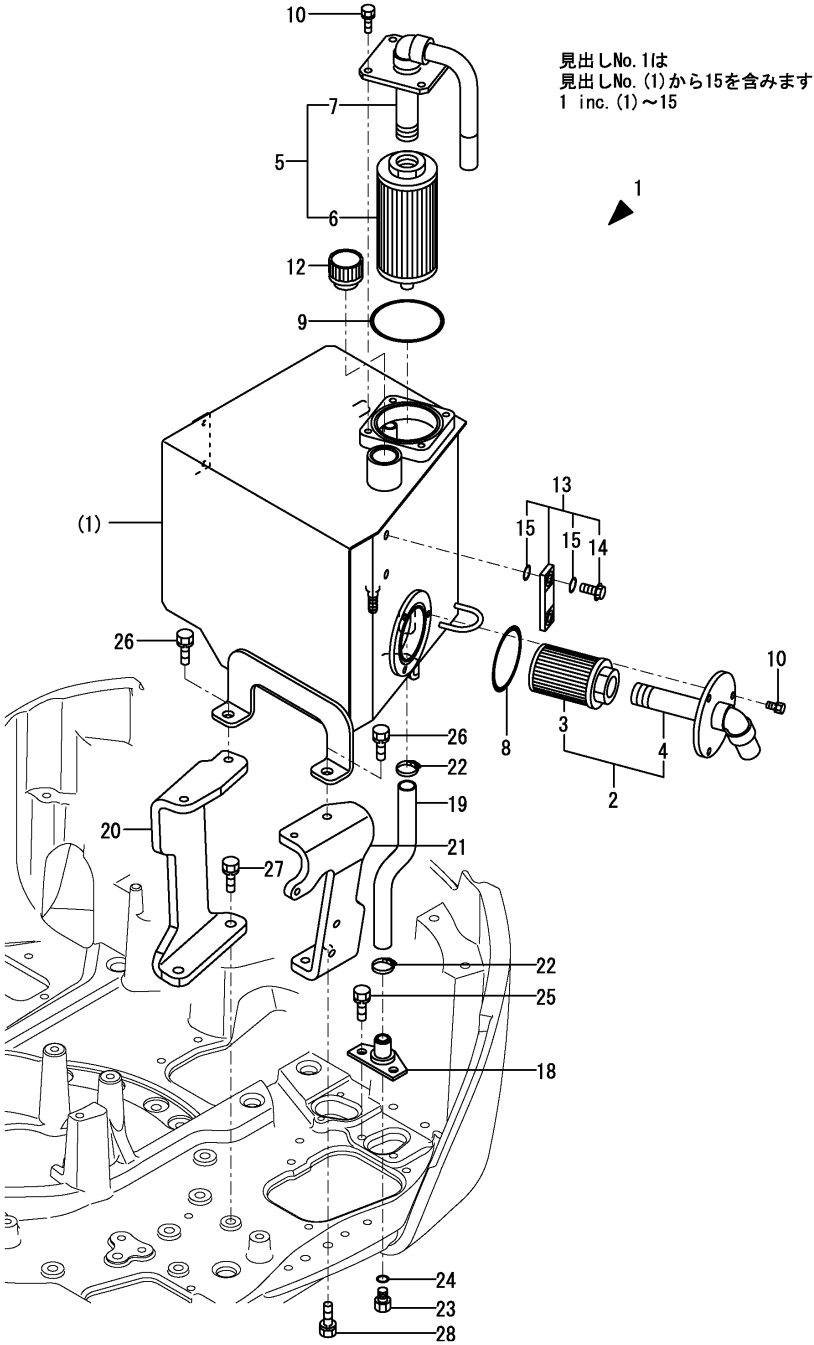


172448-08510
4ウェイマルチバルブキットは、
項目No. 84を参照下さい
4-WAY MULTI VALVE KIT
is shown in Fig. 84

Fig.62. HYD.OIL TANK

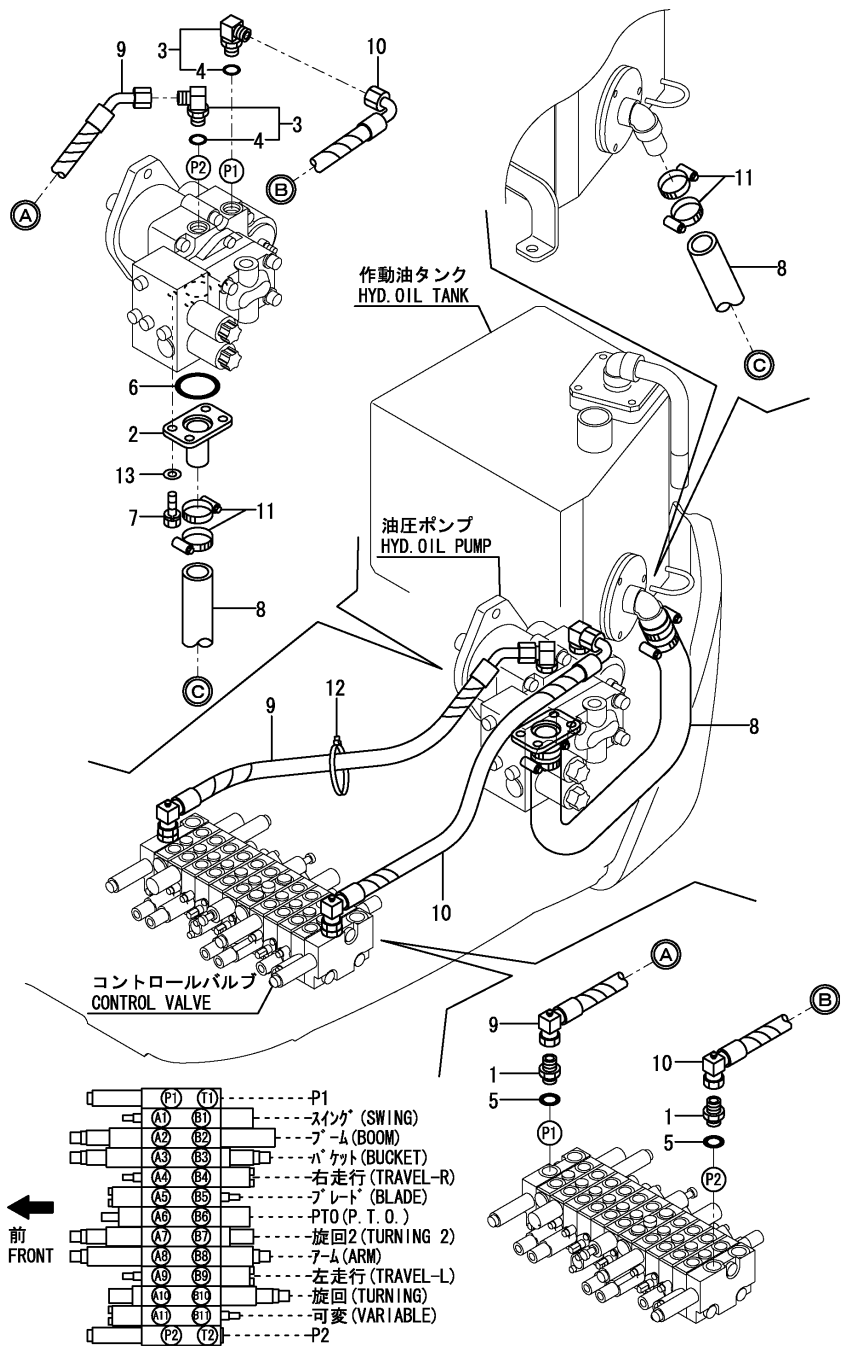
(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772448-75100	TANK ASSY, RESERVOIR	1	1						
2	2	172448-73700	FILTER ASSY,SUCTION	1	1						
3	3	172448-73710	FILTER, SUCTION	1	1						
4	3	172448-73720	FLANGE,SUCTION	1	1						
5	2	172448-73770	FILTER ASSY,RETURN	1	1						
6	3	172448-73780	FILTER, RETURN	1	1						
7	3	172448-73790	FLANGE,RETURN	1	1						
8	2	24321-000750	O-RING, 1AG75.0	1	1						
9	2	24321-000850	O-RING, 1AG85.0	1	1						
10	2	26013-080162	BOLT, M8X 16	7	7						
12	2	172446-75250	CAP, RESERVER	1	1						
13	2	172447-75600	GAUGE ASSY	1	1						
14	3	172455-75290	BOLT M10	2	2						
15	3	172455-75300	O-RING	4	4						
18	1	172447-75290	BRACKET CMP	1	1						
19	1	172448-75300	HOSE G612YY032	1	1						
20	1	172448-75380	STAY ASSY, RESERVER	1	1						
21	1	172448-75410	STAY, RESERVOIR	1	1						
21-1	1	172448-75411	STAY, RESERVOIR	1	1						N
(A=M/#26118) (B=M/#26118)											
22	1	23000-025000	CLAMP, 25	2							
22-1	1	23001-025000	CLAMP, HOSE 25	2	2						N
(A=M/#20902)											
23	1	23491-140002	PLUG, 14	1	1						
24	1	24311-000160	O-RING, 1AP16.0	1	1						
25	1	26013-100202	BOLT, M10X 20	2	2						
26	1	26013-120252	BOLT, M12X 25	3	3						
27	1	26013-120302	BOLT, M12X 30	2	2						
28	1	26013-120452	BOLT, M12X 45	2	2						

Fig.63. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

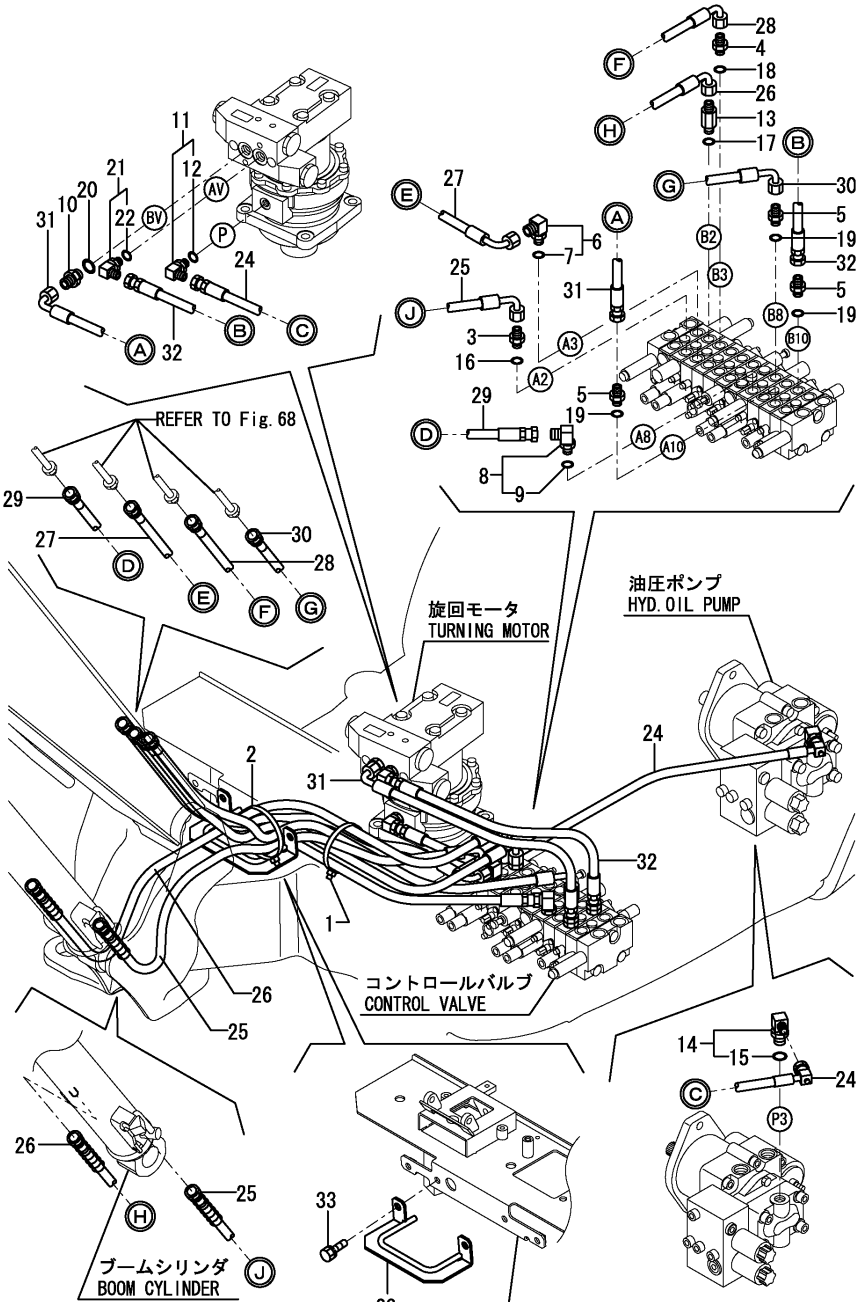
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2						
2	1	172124-76100	FLANGE,PUMP INLET	1	1						
3	1	172157-76300	ELBOW ASSY	2	2						
4	2	24315-000180	O-RING, 1BP18.0	2	2						
5	1	24315-000140	O-RING, 1BP14.0	2	2						
6	1	24321-000350	O-RING, 1AG35.0	1	1						
6-1	1	24311-000350	O-RING, 1AP35.0	1	1						N
(A=M/#XXXXXX) (B=M/#XXXXXX)											
7	1	26013-100252	BOLT, M10X 25	4	4						
8	1	172448-78110	HOSE NA,SUCTION	1	1						
9	1	172448-78130	HOSE H206EZ058S	1	1						
10	1	172448-78140	HOSE H206CZ056S	1	1						
11	1	23000-041000	CLAMP, 41	4							
11-1	1	23001-041000	CLAMP, HOSE 41	4	4						N
(A=M/#20902)											
12	1	172122-79930	CLAMP, HOSE	1	1						
13	1	22117-100000	WASHER, 10	4	4						W
(A=XXX) (B=XXX)											

Fig.64. HYD.OIL PIPING(PUMP, CONTROL VALVE - TURNING MOTOR, BOOM)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

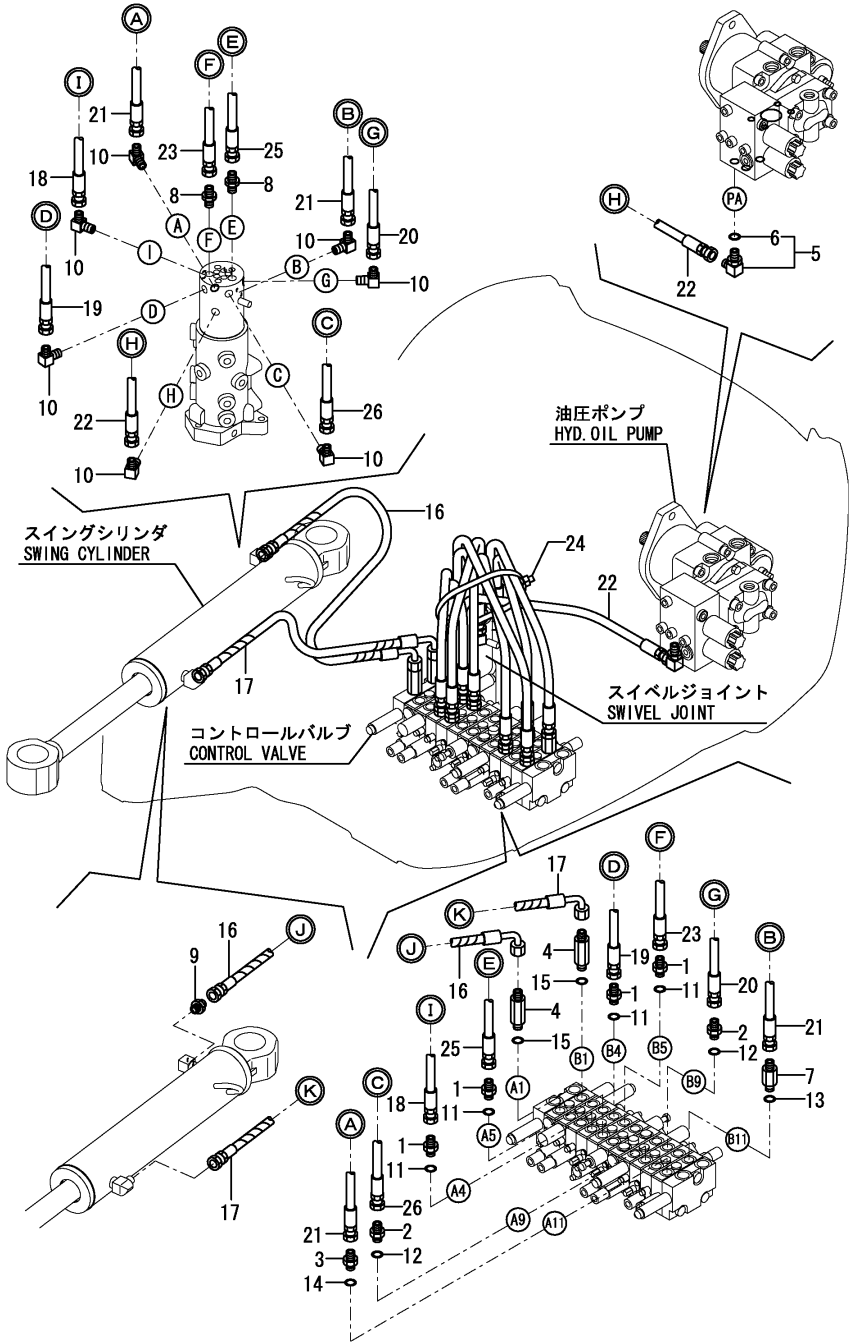


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-79930	CLAMP, HOSE	1	1						
2	1	172122-79930	CLAMP, HOSE	1	1						
3	1	172123-76121	ADAPTER	1	1						
4	1	172123-76121	ADAPTER	1	1						
5	1	172123-76121	ADAPTER	3	3						
6	1	172173-76120	CONNECTOR ASSY	1	1						
6-1	1	172173-76121	CONNECTOR ASSY	1	1						R
(A=M/#25852) (B=M/#25852)											
7	2	24315-000110	O-RING, 1BP11.0	1	1						
8	1	172173-76120	CONNECTOR ASSY	1	1						
8-1	1	172173-76121	CONNECTOR ASSY	1	1						R
(A=M/#25852) (B=M/#25852)											
9	2	24315-000110	O-RING, 1BP11.0	1	1						
10	1	172157-76150	CONNECTOR	1	1						
11	1	172141-76180	CONNECTOR ASSY	1	1						
12	2	24315-000110	O-RING, 1BP11.0	1	1						
13	1	172183-76200	CONNECTOR	1	1						
14	1	172141-76920	CONNECTOR ASSY	1	1						
15	2	24315-000140	O-RING, 1BP14.0	1	1						
16	1	24315-000110	O-RING, 1BP11.0	1	1						
17	1	24315-000110	O-RING, 1BP11.0	1	1						
18	1	24315-000110	O-RING, 1BP11.0	1	1						
19	1	24315-000110	O-RING, 1BP11.0	3	3						
20	1	24315-000140	O-RING, 1BP14.0	1	1						
21	1	172141-76920	CONNECTOR ASSY	1	1						
22	2	24315-000140	O-RING, 1BP14.0	1	1						
23	1	172448-77910	CLAMP, HOSE	1	1						
24	1	172448-78150	HOSE F203BZ073S	1	1						
25	1	172448-78180	HOSE H204BC096W	1	1						
26	1	172448-78190	HOSE H204BC104W	1	1						
27	1	172448-78200	HOSE H206BC088K	1	1						
28	1	172448-78210	HOSE H204BC100K	1	1						
29	1	172448-78260	HOSE H206BB105K	1	1						
30	1	172448-78270	HOSE H204BC107K	1	1						
31	1	172448-78290	HOSE F204BC052	1							
31-1	1	172448-78291	HOSE F203BC052	1	1						N
(A=M/#20503)											
32	1	172448-78670	HOSE F204BB048	1							
32-1	1	172448-78980	HOSE F203BB049	1	1						N
(A=M/#20503)											
33	1	26013-100202	BOLT, M10X 20	2	2						

Fig.65. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT, SWING CYLINDER)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

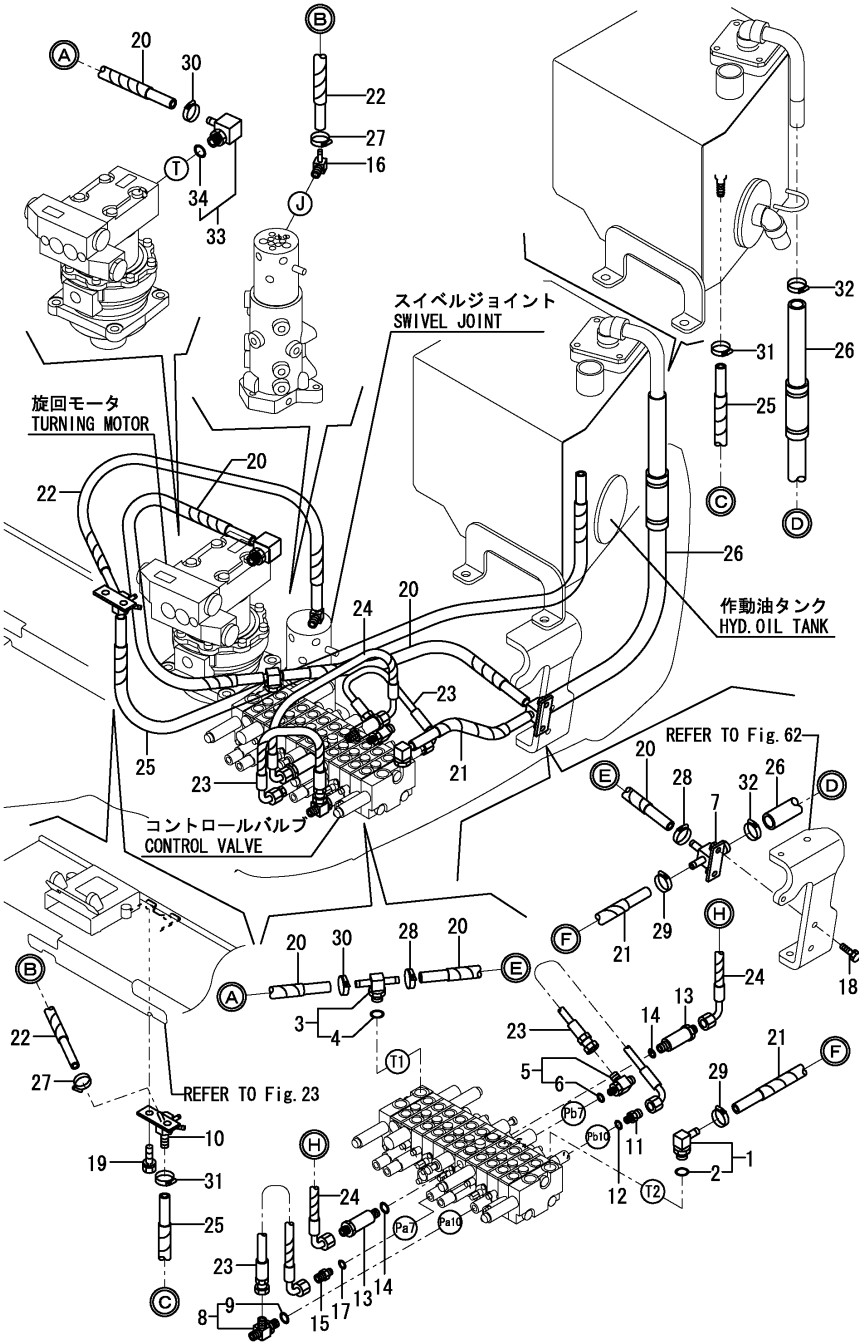


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	4	4						
2	1	172123-76121	ADAPTER	2	2						
3	1	172123-76121	ADAPTER	1	1						
4	1	172448-76130	CONNECTOR, PF1/4	2	2						
5	1	172141-76180	CONNECTOR ASSY	1	1						
6	2	24315-000110	O-RING, 1BP11.0	1	1						
7	1	172183-76200	CONNECTOR	1	1						
8	1	23391-020000	JOINT, RGI-1/4	2	2						
9	1	23391-020000	JOINT, RGI-1/4	1	1						
10	1	23393-020000	JOINT, 90RGI-1/4	7	7						
11	1	24315-000110	O-RING, 1BP11.0	4	4						
12	1	24315-000110	O-RING, 1BP11.0	2	2						
13	1	24315-000110	O-RING, 1BP11.0	1	1						
14	1	24315-000110	O-RING, 1BP11.0	1	1						
15	1	24315-000110	O-RING, 1BP11.0	2	2						
16	1	172448-78160	HOSE F203BC083S	1	1						
17	1	172448-78170	HOSE F203BC052S	1	1						
18	1	172448-78220	HOSE F204BBO52	3							
18-1	1	172448-78220	HOSE F204BBO52	2							K
(A=M/#20501)											
18-2	1	172448-78220	HOSE F204BBO52	1	1						K
(A=M/#20550)											
19	1	172448-78230	HOSE F204BB045	1	1						
20	1	172448-78280	HOSE F204BB054	1	1						
21	1	172448-78300	HOSE F203BB066	2	2						
22	1	172455-78610	HOSE F403BB054	1	1						
23	1	172448-78670	HOSE F204BB048	1	1						
24	1	172122-79930	CLAMP, HOSE	1	1						
25	1	172448-78220	HOSE F204BBO52	1							
25-1	1	172448-78830	HOSE F204BB050	1	1						N
(A=M/#20550)											
26	1	172448-78220	HOSE F204BBO52	1							
26-1	1	172448-78280	HOSE F204BB054	1	1						N
(A=M/#20501)											

Fig.66. HYD.OIL PIPING(RETURN)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

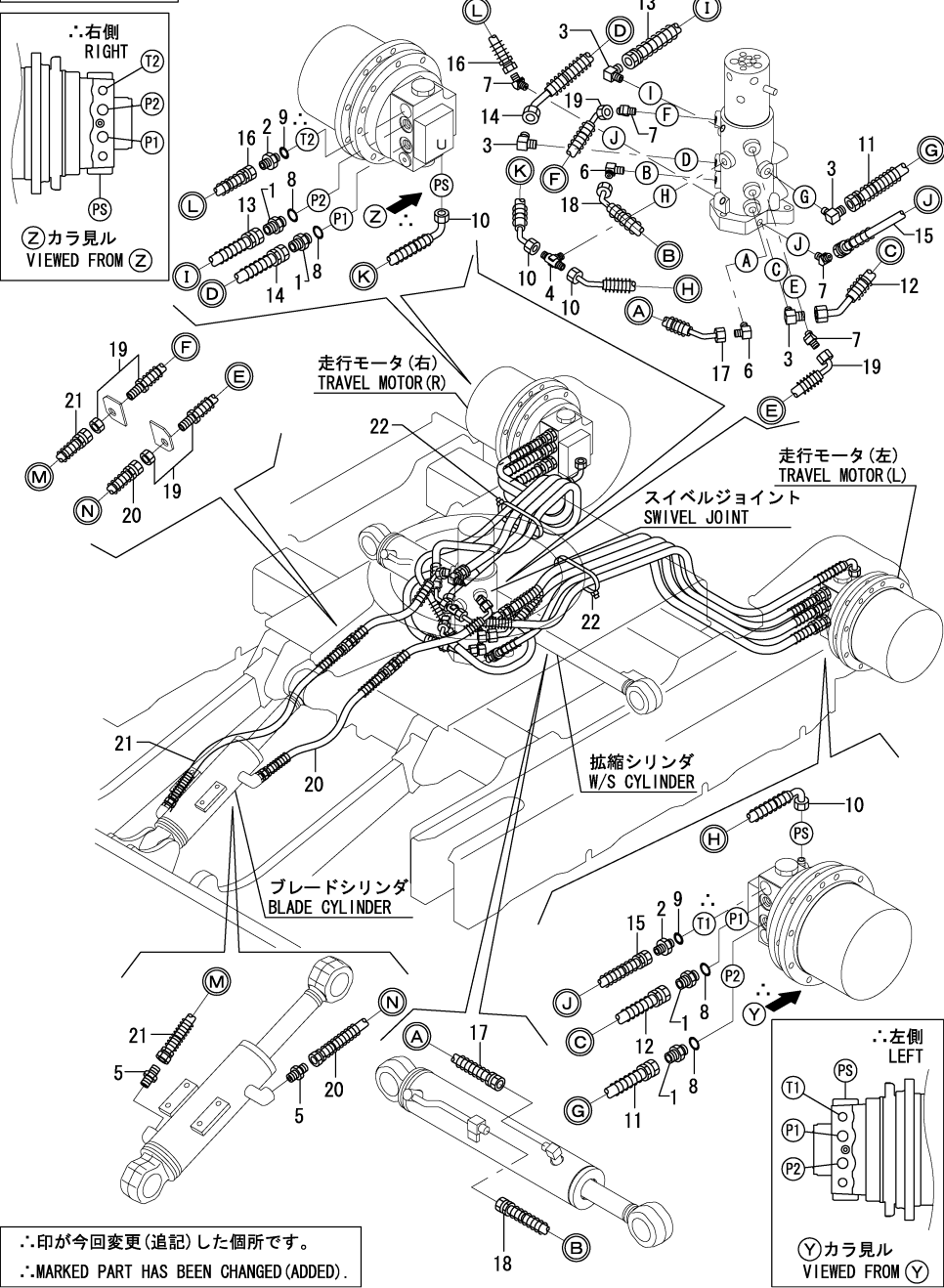
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-76100	ELBOW	1	1						
2	2	24315-000140	O-RING, 1BP14.0	1	1						
3	1	172448-76110	ELBOW	1	1						
4	2	24315-000140	O-RING, 1BP14.0	1	1						
5	1	172448-76120	ELBOW	1	1						
6	2	24315-000080	O-RING, 1BP8.0	1	1						
7	1	172448-76140	DRAIN BLOCK	1	1						
8	1	172448-76150	ELBOW	1	1						
9	2	24315-000080	O-RING, 1BP8.0	1	1						
10	1	172187-76160	JOINT	1	1						
11	1	172448-76160	CONNECTOR, 0.6	1	1						
12	1	24315-000080	O-RING, 1BP8.0	1	1						
13	1	172448-76170	JOINT, PF1/4-3/8	2	2						
14	1	24315-000140	O-RING, 1BP14.0	2	2						
15	1	172447-76210	JOINT, G1/8-G1/4	1	1						
16	1	172186-76390	NIPPLE, ELBOW	1	1						
17	1	24315-000080	O-RING, 1BP8.0	1	1						
18	1	26013-080252	BOLT, M8X 25	2	2						
19	1	26013-100202	BOLT, M10X 20	2	2						
20	1	172448-78310	HOSE G806YY050S	2	2						
21	1	172448-78320	HOSE G806YY025S	1	1						
22	1	172448-78460	HOSE G804YY054S	1	1						
23	1	172458-78620	HOSE F403BC030	2	2						
24	1	172448-78700	HOSE G804CC042S	1	1						
25	1	172448-78740	HOSE G806YY110S	1	1						
26	1	172448-78750	HOSE G812YY080S	1	1						
27	1	23000-013000	CLAMP, 13	2	2						
28	1	23001-016000	CLAMP, HOSE 16	2	2						
29	1	23001-016000	CLAMP, HOSE 16	2	2						
30	1	23001-016000	CLAMP, HOSE 16	2	2						
31	1	23001-016000	CLAMP, HOSE 16	2	2						
32	1	23001-035000	CLAMP, HOSE 35	2	2						
33	1	172448-76100	ELBOW	1	1						
34	2	24315-000140	O-RING, 1BP14.0	1	1						

Fig.67. HYD.OIL PIPING(TRACK FRAME)

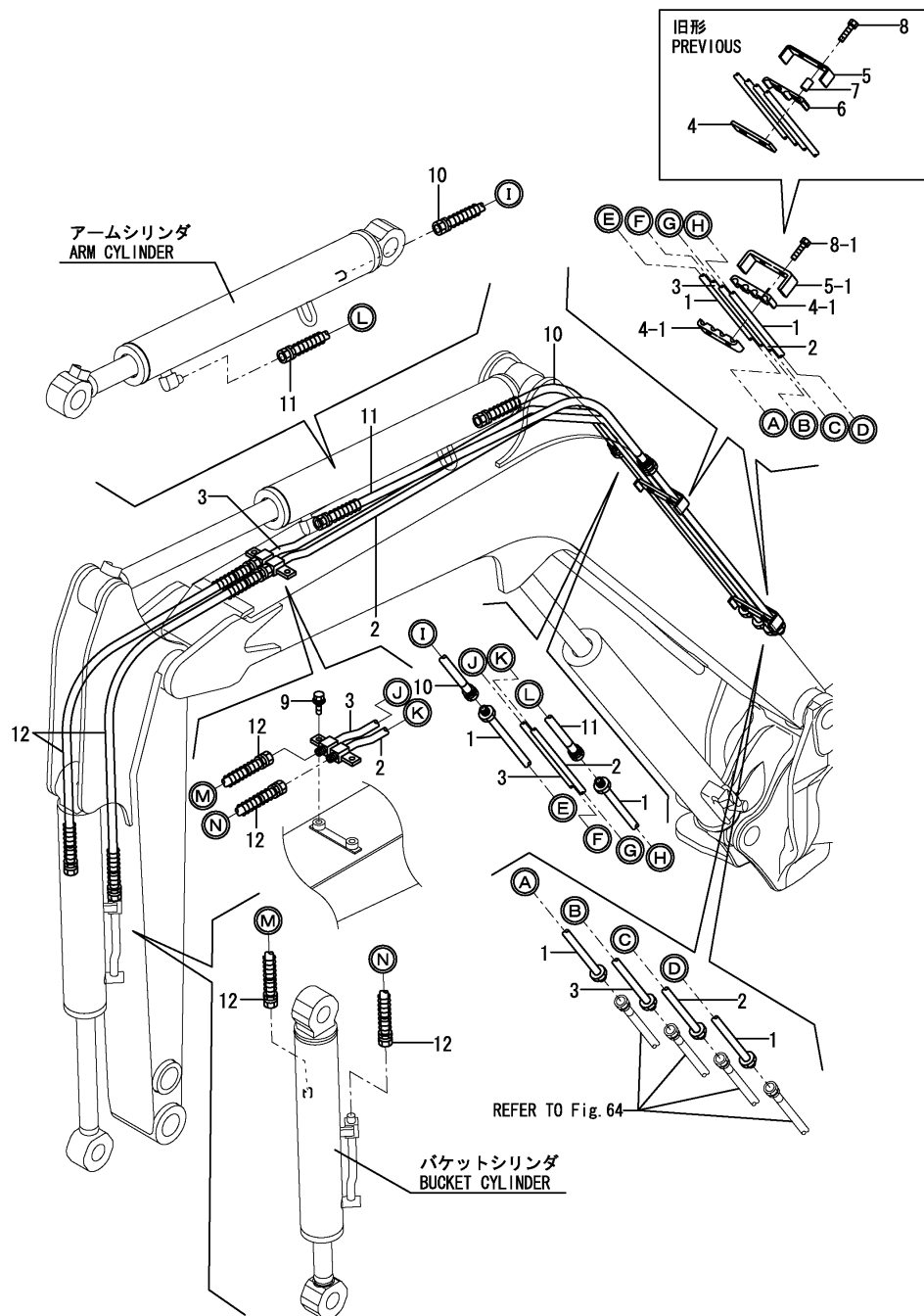
P/C NEWS No.:Y00K3792-3
PUBLISHED:2008/05



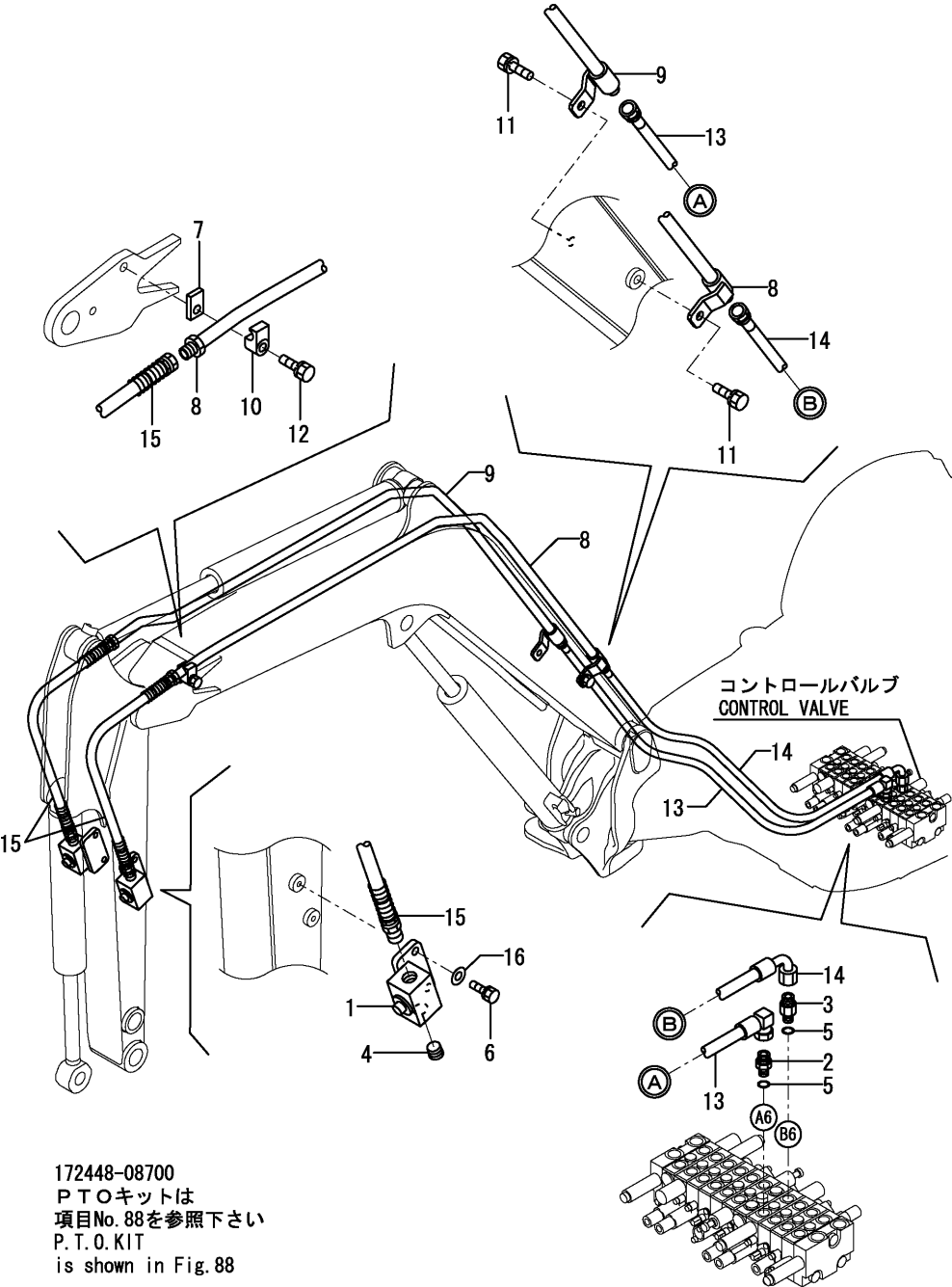
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	4	4						
2	1	172123-76121	ADAPTER	2	2						
3	1	172147-76180	ELBOW	4	4						
4	1	172162-76320	CONNECTOR, 3X1/4	1	1						
5	1	23391-020000	JOINT, RGI-1/4	2	2						
6	1	23393-020000	JOINT, 90RGI-1/4	2	2						
7	1	23394-020000	JOINT, 45RGI-1/4	4	4						
8	1	24315-000140	O-RING, 1BP14.0	4	4						
9	1	24315-000110	O-RING, 1BP11.0	2	2						
10	1	172448-78330	HOSE F203CE102W	2	2						
11	1	172448-78340	HOSE H205BB078W	1	1						
12	1	172448-78350	HOSE H205BE078W	1	1						
13	1	172448-78360	HOSE H205BB073W	1	1						
14	1	172448-78370	HOSE H205BE081W	1	1						
15	1	172448-78380	HOSE G804BB090W	1	1						
16	1	172448-78390	HOSE G804BB087W	1	1						
17	1	172448-78400	HOSE F203BE045S	1	1						
18	1	172448-78410	HOSE F203BE055W	1	1						
19	1	172448-78710	HOSE F204CX025W	2	2						
20	1	172448-78720	HOSE F204BB039W	1	1						
21	1	172448-78730	HOSE F204BB055W	1	1						
22	1	172122-79930	CLAMP, HOSE	2	2						W

(A=M#20501)

Fig.68. HYD.OIL PIPING(BOOM)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-76400	TUBE, ARM	2	2						
2	1	172448-76450	TUBE, BUCKET	1	1						
3	1	172448-76470	TUBE, BUCKET	1	1						
4	1	172448-76550	PLATE,RUBBER	2							
4-1	1	172448-76690	TUBE, CLAMP	4	4						N
(A=M/#20564)											
5	1	172156-78450-5	CLAMP, HOSE	2							
5-1	1	172448-76680	TUBE, CLAMP	2	2						N
(A=M/#20564)											
6	1	172156-78510	SUPPORT, HOSE	2							Z
(A=M/#20564)											
7	1	172156-78540	COLLAR, 9X18	4							Z
(A=M/#20564)											
8	1	26013-080302	BOLT, M8X 30	4							
8-1	1	26013-080352	BOLT, M8X 35	4	4						N
(A=M/#20564)											
9	1	26014-080162	BOLT, M8X 16	2	2						
10	1	172448-78420	HOSE H206BB042K	1	1						
11	1	172448-78430	HOSE H204BB085K	1	1						
12	1	172448-78440	HOSE H204BB076W	2	2						

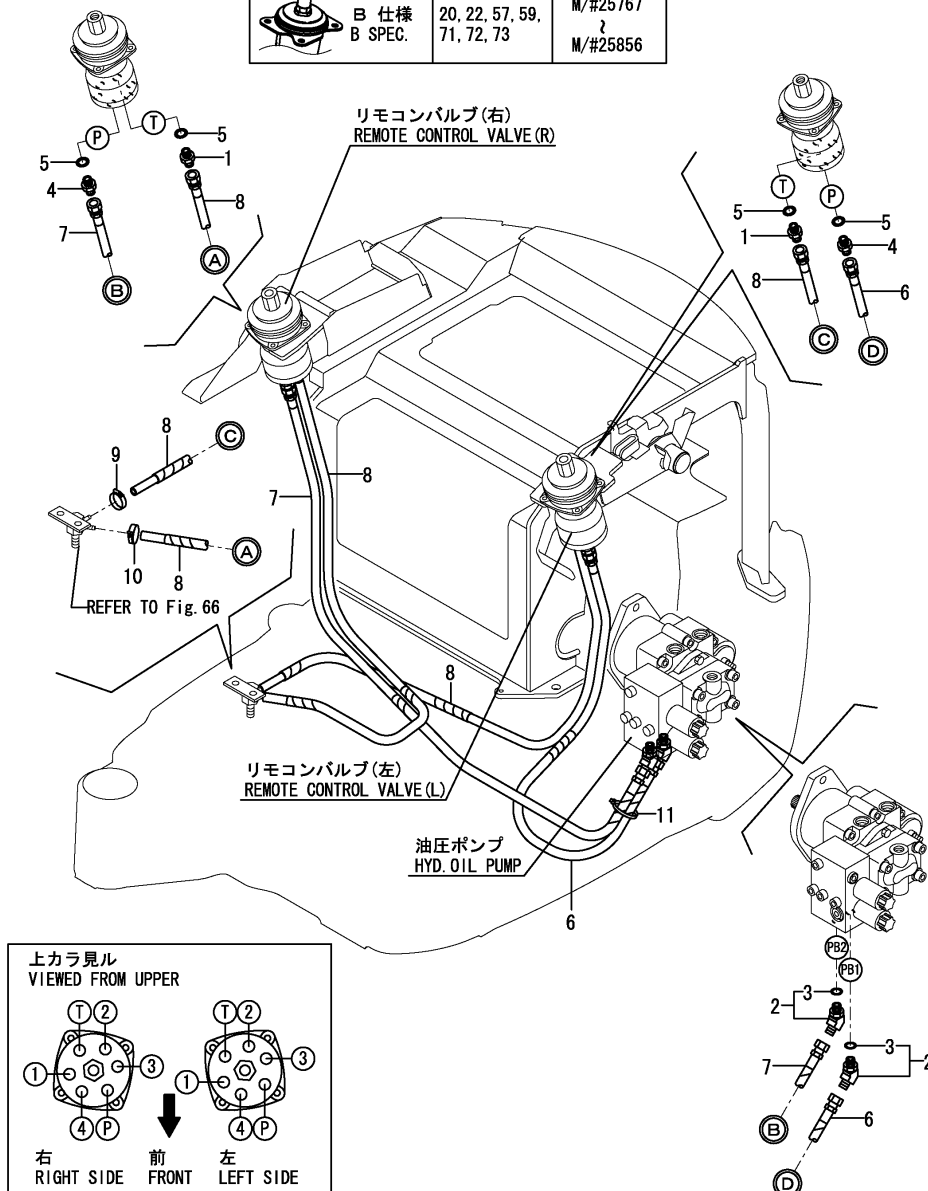


172448-08700
P T Oキットは
項目No. 88を参照下さい
P.T.O.KIT
is shown in Fig. 88

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820-4	STOP VALVE	2	2						
2	1	172638-76190	CONNECTOR,PF1/4PF3/8	1	1						
3	1	172157-76220	CONNECTOR, 1/4X3/8	1	1						
4	1	23871-040000	PLUG, R04	2	2						
5	1	24315-000110	O-RING, 1BP11.0	2	2						
6	1	26013-100252	BOLT, M10X 25	4	4						
7	1	172183-76250	PLATE (GREEN:97)	2	2						
8	1	172448-76600	TUBE, PTO	1	1						
9	1	172448-76620	TUBE, PTO	1	1						
10	1	172142-76950-4	CLAMP	2	2						
11	1	26013-120202	BOLT, M12X 20	2	2						
12	1	26013-120502	BOLT, M12X 50	2	2						
13	1	172448-78240	HOSE H206BV107K	1	1						
14	1	172448-78250	HOSE H206BC113K	1	1						
15	1	172448-78450	HOSE H208AB059W	2	2						
16	1	22117-100000	WASHER, 10	4	4						W
		(A)=M/#26346)	(B)=M/#26346)								

Fig.70. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : A-SPEC.)

リモコンパルプ REMOTE CONTROL V.	適用項目 REF. TO Fig.	適用号機 SERIAL No.
 A 仕様 A SPEC.	19, 21, 57, 58, 70, 72, 73	~M/#25766 M/#25857~
 B 仕様 B SPEC.	20, 22, 57, 59, 71, 72, 73	M/#25767 M/#25856



No.	Lev.	Parts No.	Description	(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=		(D)= (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172123-76121	ADAPTER	2	2				
2	1	172173-76101	CONNECTOR ASSY	2	2				
3	2	24315-000110	O-RING, 1BP11.0	2	2				
4	1	172455-76220	CONNECTOR	2	2				
5	1	24315-000110	O-RING, 1BP11.0	4	4				
6	1	172448-78470	HOSE F403BB130S	1	1				
7	1	172448-78520	HOSE F403BB144S	1	1				
8	1	172455-78820	HOSE G804BY105S	2	2				
9	1	23000-013000	CLAMP, 13	1	1				
10	1	23000-013000	CLAMP, 13	1	1				
11	1	172122-79930	CLAMP, HOSE	1	1				

Fig.71. CONTROL PIPING(PUMP - CONTROL VALVE - RETURN : B-SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-76040	BOLT, PIPE JOINT	2	2						
2	1	172173-76101	CONNECTOR ASSY	2	2						
3	2	24315-000110	O-RING, 1BP11.0	2	2						
4	1	172151-76030	BOLT, PIPE JOINT	2	2						
5	1	24315-000180	O-RING, 1BP18.0	8	8						
6	1	172448-79310	HOSE F404BW149S	1	1						
7	1	172448-79320	HOSE F404BW135S	1	1						
8	1	172448-79330	HOSE G604WY109	2	2						
9	1	23000-013000	CLAMP, 13	1	1						
10	1	23000-013000	CLAMP, 13	1	1						
11	1	172122-79930	CLAMP, HOSE	1	1						

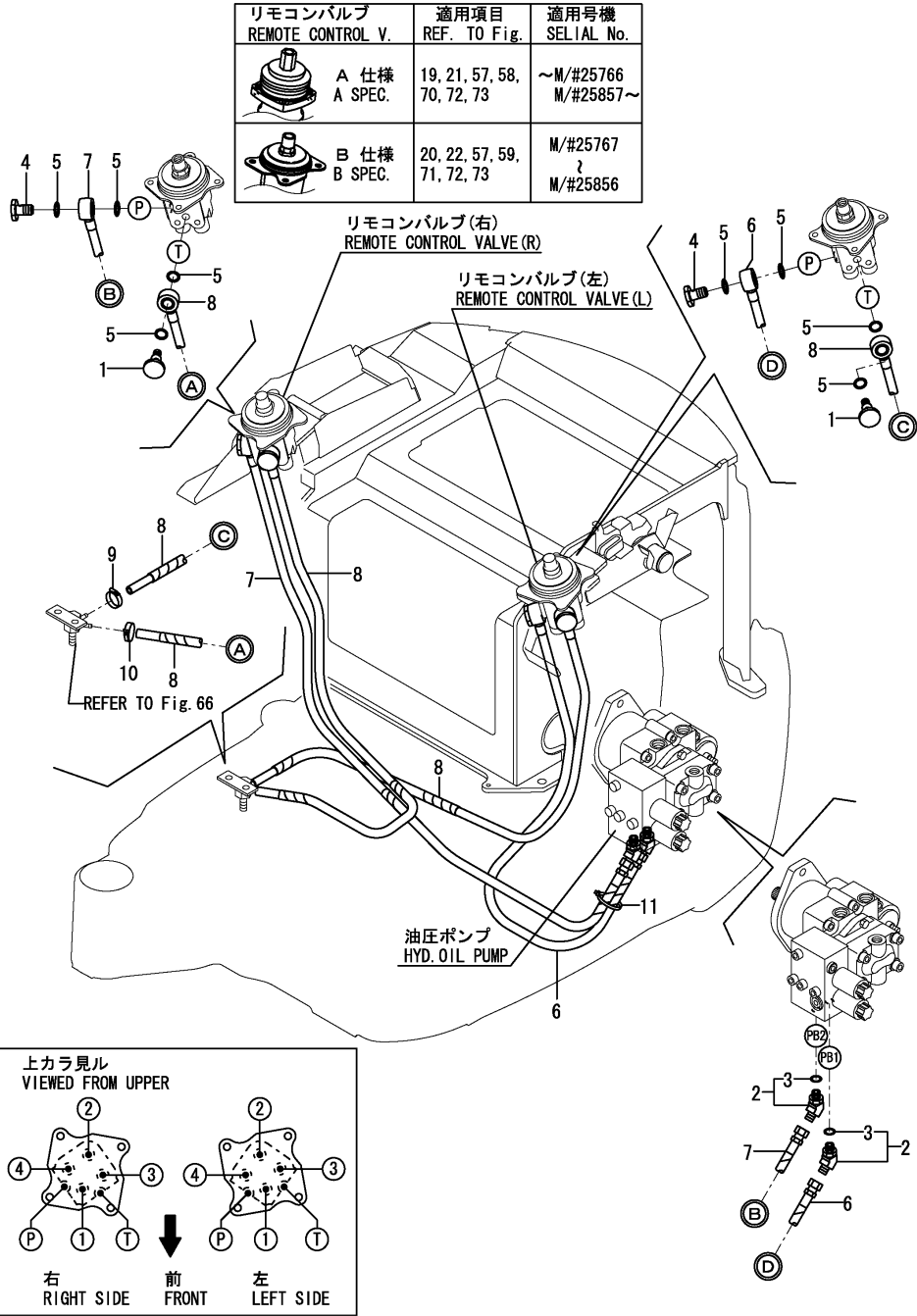
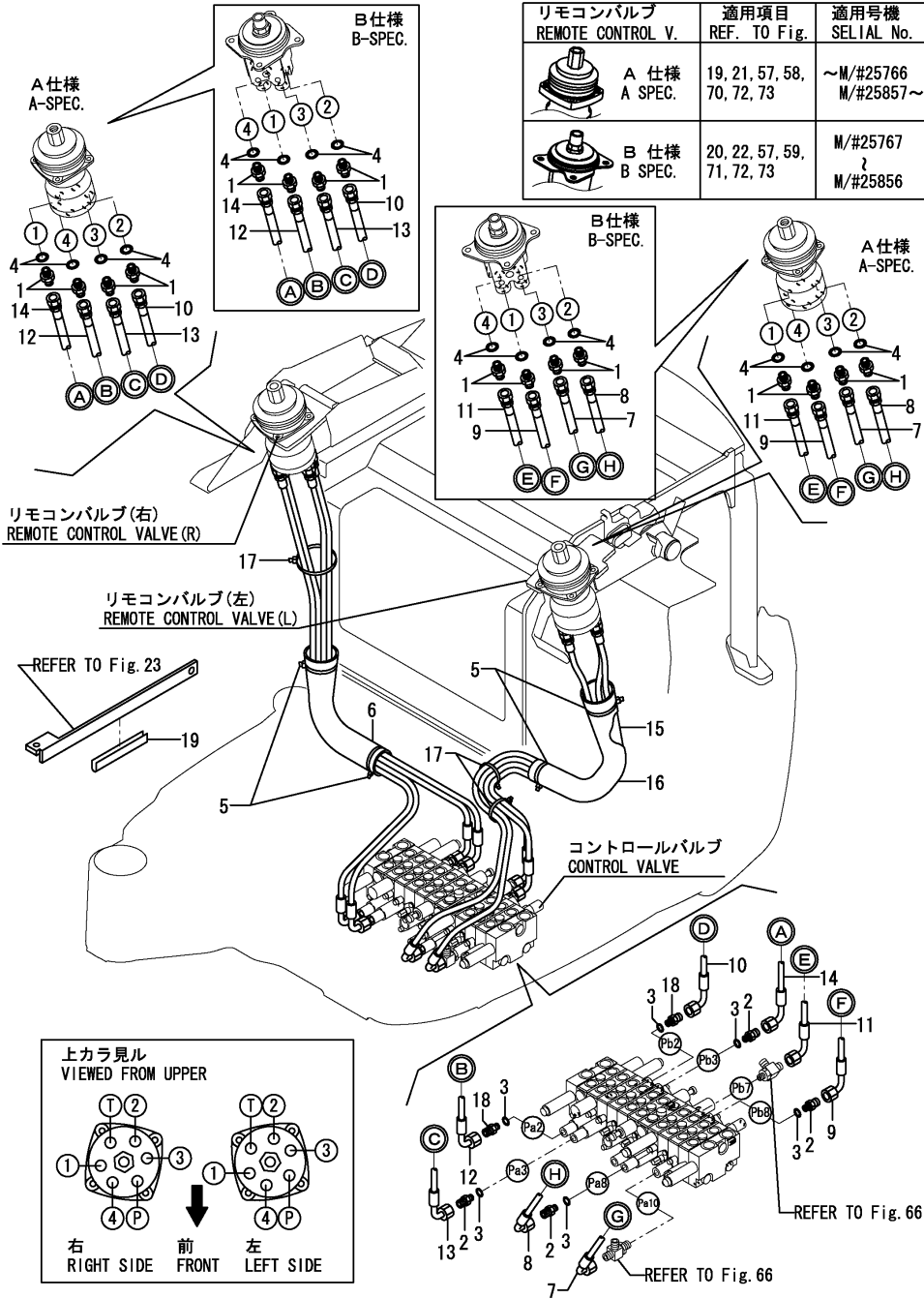


Fig.72. CONTROL PIPING(REMOTE CONTROL V. - CONTROL V. : STD SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

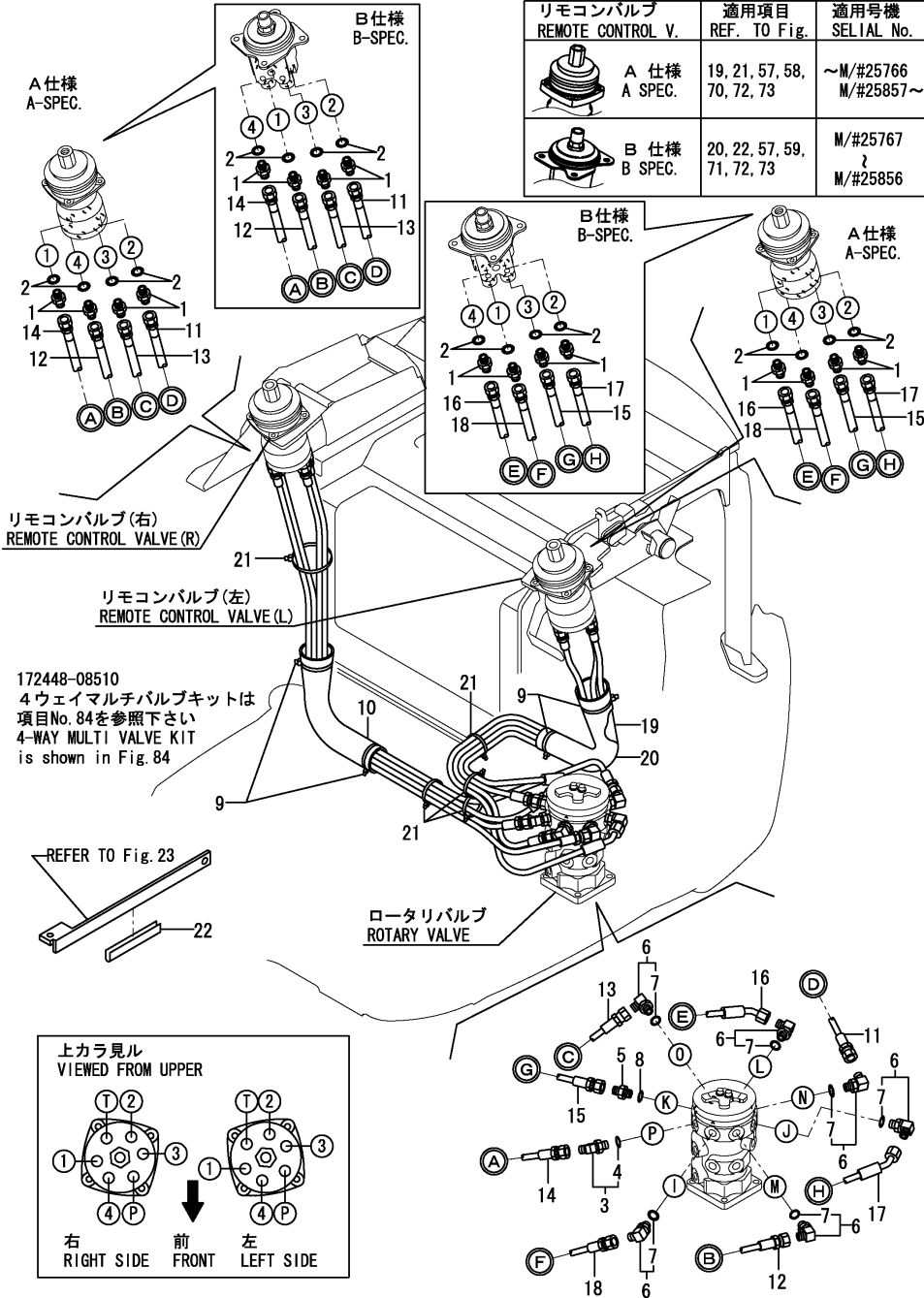


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	8	8						
2	1	172447-76210	JOINT, G1/8-G1/4	6							
2-1	1	172447-76210	JOINT, G1/8-G1/4	4	4						K
(A=M/#20501)											
3	1	24315-000080	O-RING, 1BP8.0	6	6						
4	1	24315-000110	O-RING, 1BP11.0	8	8						
5	1	172126-11510	BAND 300	4							
5-1	1	172122-79930	CLAMP, HOSE	4	4						R
(A=M/#20501)											
6	1	172142-78810	COVER, HOSE	1	1						
7	1	172448-78600	HOSE F403BC123	1	1						
8	1	172448-78610	HOSE F403BC126	1	1						
9	1	172448-78620	HOSE F403BC090	1	1						
10	1	172448-78630	HOSE F403BC110	1	1						
11	1	172478-78630	HOSE F403BC089	1	1						
12	1	172448-78640	HOSE F403BC110	1	1						
13	1	172448-78650	HOSE F403BC110	1	1						
14	1	172448-78660	HOSE F403BC110	1	1						
15	1	172444-78800	SPONGE, HOSE	1							
15-1	1	172448-78990	SPONGE, HOSE 400	1	1						N
(A=M/#20550)											
16	1	172165-79820	COVER, HOSE	1							
16-1	1	172448-79950	COVER, HOSE	1	1						N
(A=M/#20503)											
17	1	172122-79930	CLAMP, HOSE	3	3						
18	1	172447-76210	JOINT, G1/8-G1/4	2							
18-1	1	172448-76160	CONNECTOR, 0.6	2	2						N
(A=M/#20501)											
19	1	172A55-78500	RUBBER PLATE	1	1						W
(A=XXX) (B=XXX)											

Fig.73. CONTROL PIPING(REMOTE CONTROL V. - ROTARY V. : 4-WAY SPEC.)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

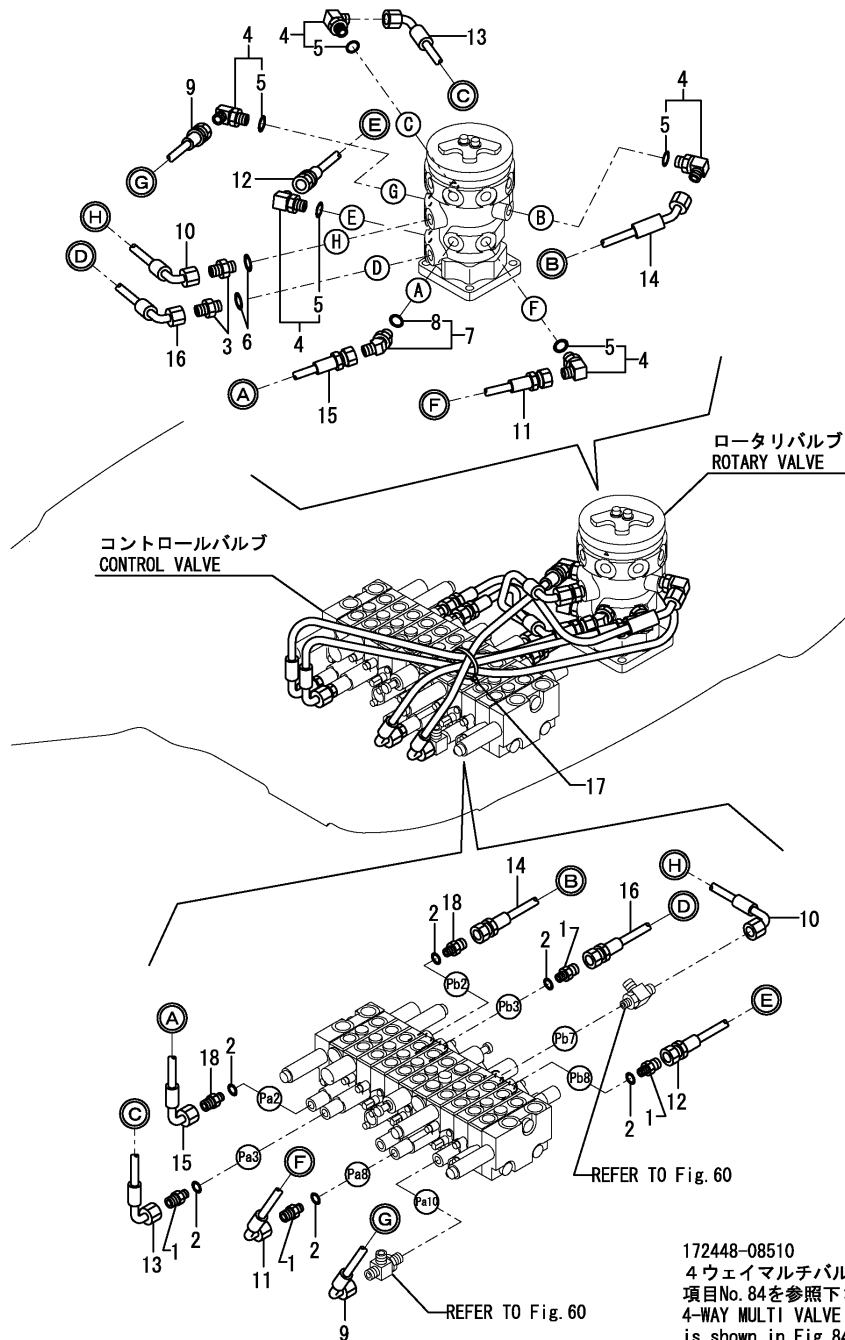
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	8							
2	1	24315-000110	O-RING, 1BP11.0	8							
3	1	172173-76101	CONNECTOR ASSY	1							
4	2	24315-000110	O-RING, 1BP11.0	1							
5	1	172123-76121	ADAPTER	1							
6	1	172141-76180	CONNECTOR ASSY	6							
7	2	24315-000110	O-RING, 1BP11.0	6							
8	1	24315-000110	O-RING, 1BP11.0	1							
9	1	172126-11510	BAND 300	4							
9-1	1	172122-79930	CLAMP, HOSE	4							R
(A=M/#20501)											
10	1	172142-78810	COVER, HOSE	1							
11	1	172448-78480	HOSE F403BB120	1							
12	1	172448-78490	HOSE F403BB118	1							
13	1	172448-78500	HOSE F403BB105	1							
14	1	172448-78510	HOSE F403BB105	1							
15	1	172448-78760	HOSE F403BB078	1							
15-1	1	172448-78761	HOSE F403BB080	1							N
(A=M/#20501)											
16	1	172448-78770	HOSE F403BE084	1							
17	1	172448-78780	HOSE F403BE105	1							
18	1	172448-78790	HOSE F403BB088	1							
19	1	172444-78800	SPONGE, HOSE	1							
19-1	1	172448-78990	SPONGE, HOSE 400	1							N
(A=M/#20550)											
20	1	172165-79820	COVER, HOSE	1							
20-1	1	172448-79950	COVER, HOSE	1							N
(A=M/#20503)											
21	1	172122-79930	CLAMP, HOSE	5							
22	1	172A55-78500	RUBBER PLATE	1							W
(A=XXX)											

Fig.74. CONTROL PIPING(ROTARY VALVE - CONTROLE VALVE : 4-WAY SPEC.)

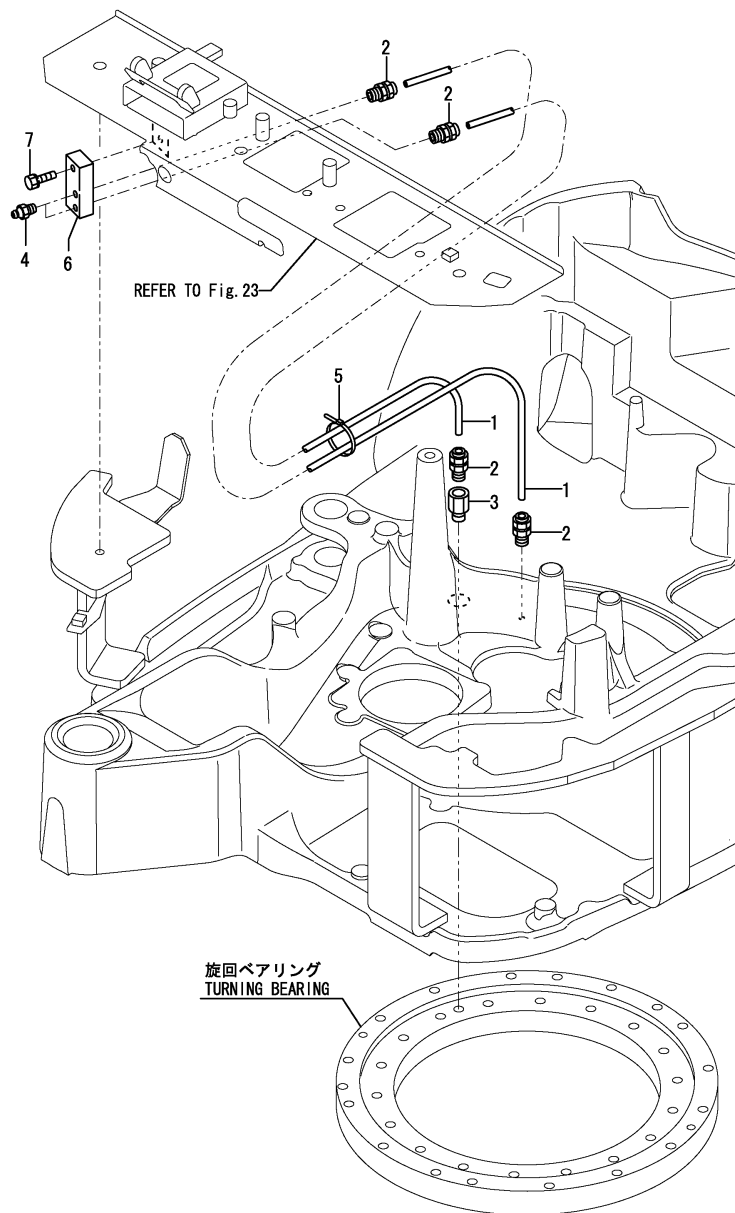
(D)=
(E)=
(F)=



172448-08510
4ウェイマルチバルブキットは
項目No. 84を参照下さい
4-WAY MULTI VALVE KIT
is shown in Fig. 84

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172447-76210	JOINT, G1/8-G1/4	6							
1-1	1	172447-76210	JOINT, G1/8-G1/4	4							K
(A=M/#20501)											
2	1	24315-000080	O-RING, 1BP8.0	6							
3	1	172123-76121	ADAPTER	2							
4	1	172141-76180	CONNECTOR ASSY	5							
5	2	24315-000110	O-RING, 1BP11.0	5							
6	1	24315-000110	O-RING, 1BP11.0	2							
7	1	172173-76101	CONNECTOR ASSY	1							
8	2	24315-000110	O-RING, 1BP11.0	1							
9	1	172448-78530	HOSE F403BC042	1							
10	1	172448-78540	HOSE F403CC027	1							
11	1	172448-78550	HOSE F403BC045	1							
12	1	172448-78560	HOSE F403BB030	1							
13	1	172448-78570	HOSE F403CC072S	1							
14	1	172448-78580	HOSE F403BE052	1							
15	1	172448-78590	HOSE F403BC050	1							
16	1	172448-78680	HOSE F403BC030	1							
17	1	172122-79930	CLAMP, HOSE	1							
18	1	172447-76210	JOINT, G1/8-G1/4	2							
18-1	1	172448-76160	CONNECTOR, 0.6	2							N
(A=M/#20501)											

Fig.75. GREASING

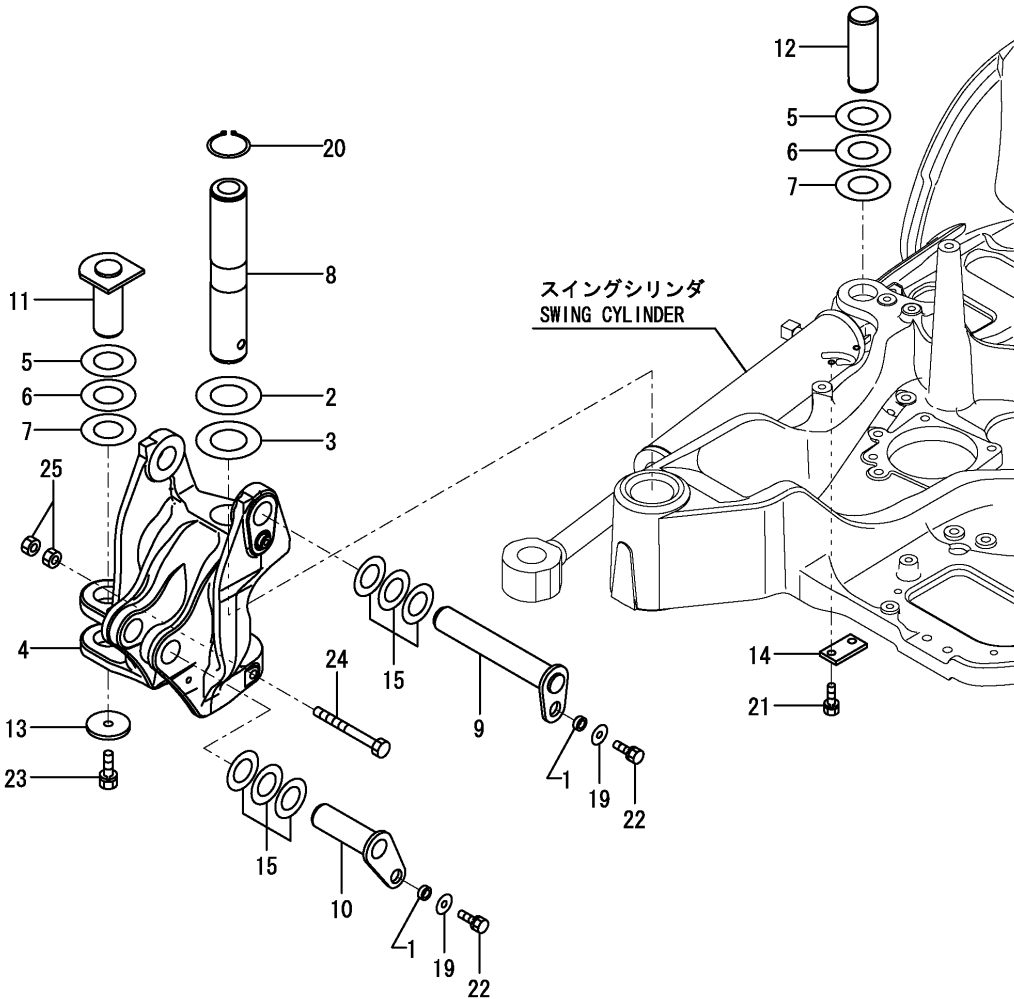


No.	Lev.	Parts No.	Description	(A) (B)	(C) (D)	(E) (F)	I	R
1	1	172448-77100	HOSE P602YY068	2	2			
2	1	172141-77800	JOINT, GREASE	4	4			
3	1	172312-77820	FITTING, GREASE	1	1			
4	1	24761-020000	NIPPLE, GREASE PT1/8	2	2			
5	1	933168-55770	BAND 146	1	1			
6	1	172448-77110	SEAT, SCREW PT1/8	1	1			
7	1	26013-080352	BOLT, M8X 35	1	1			

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH FIG.NO.22
REF.NO.23-1.

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

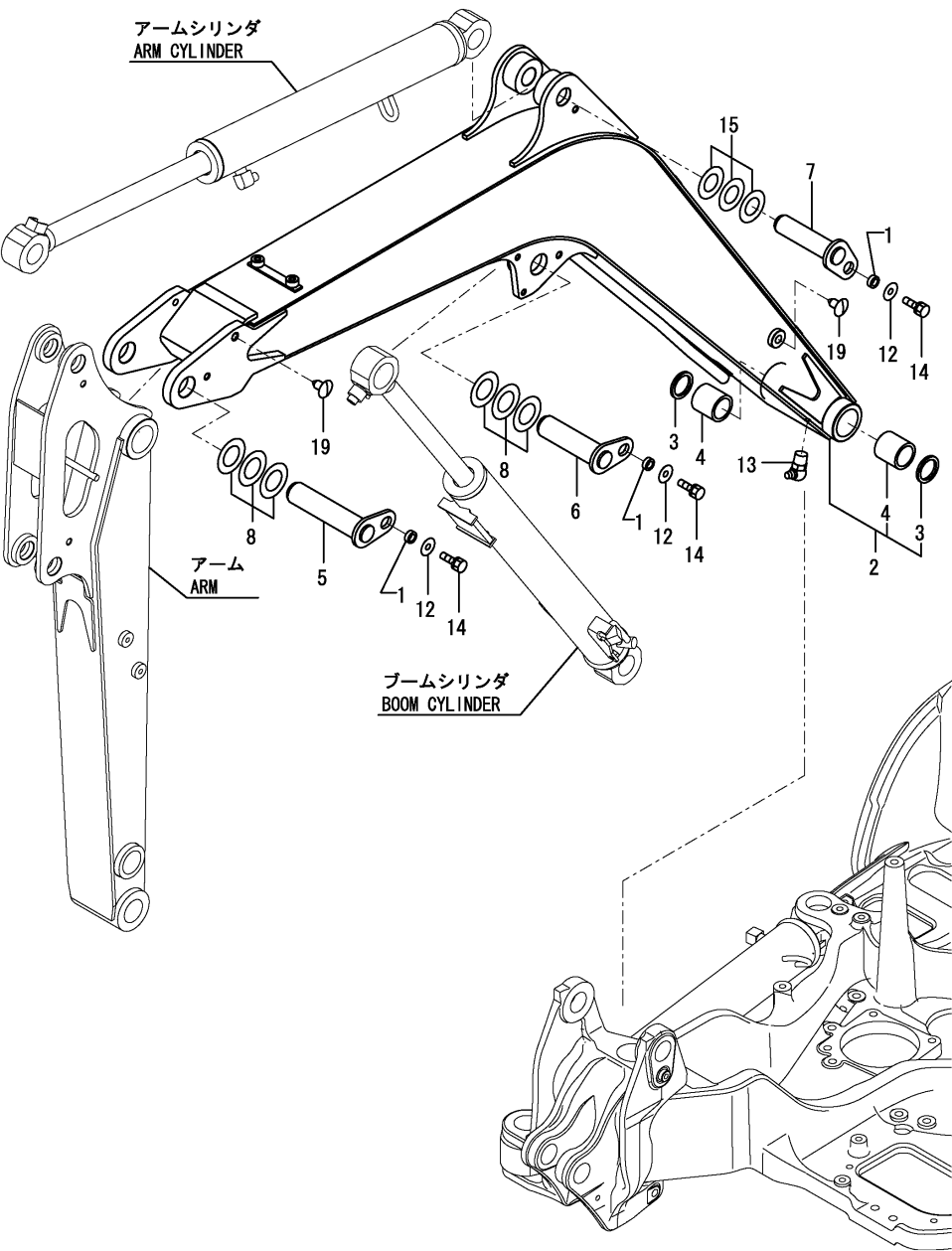
Fig.76. BOOM BRACKET



(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

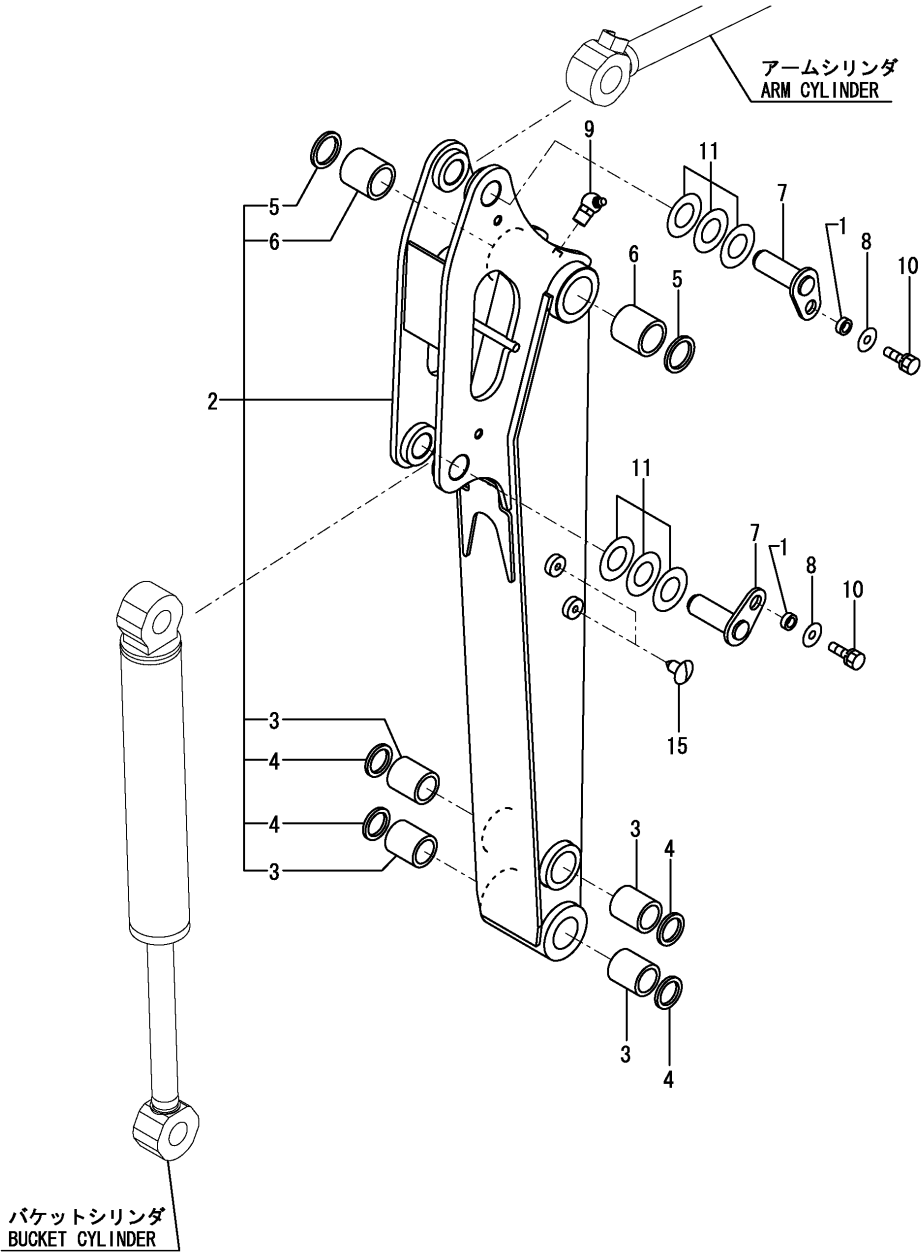
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172173-81700	SHIM, 50X90X0.8	1	1						
2-1	1	172165-82530	SHIM	1	1						R
(A=M/#21434) (B=M/#21434)											
3	1	172173-81710	SHIM, 50X90X0.5	1	1						
3-1	1	172165-82520	SHIM	1	1						R
(A=M/#21434) (B=M/#21434)											
4	1	172448-82300	BRACKET,BOOM(GREEN97	1							
4-1	1	172448-82301	BRACKET,BOOM(GREEN97	1	1						N
(A=M/#20550)											
5	1	172165-82580	SHIM	2	2						
6	1	172165-82590	SHIM	2	2						
7	1	172165-82600	SHIM	2	2						
8	1	172448-82650	PIN 50X282	1	1						
9	1	172448-82670	PIN 35X217	1	1						
10	1	172448-82730	PIN 35X110	1	1						
11	1	172448-82880	PIN 40X96	1	1						
12	1	172448-82900	PIN 40X120	1	1						
13	1	172146-82910	SPACER	1	1						
14	1	172117-83970-1	PLATE (C)	1	1						
15	1	172141-84601	SHIM	2	2						
19	1	22157-100000	WASHER, 10	2	2						
20	1	22242-000500	RING, 50	1	1						
21	1	26013-100202	BOLT, M10X 20	2	2						
22	1	26013-100252	BOLT, M10X 25	2	2						
23	1	26013-120252	BOLT, M12X 25	1	1						
24	1	26116-121302	BOLT, M12X130 PLATED	1	1						
25	1	26756-120002	NUT, LOCK M12	2	2						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	3	3						
2	1	172448-81100	BOOM ASSY (GREEN:97)	1	1						
3	2	172448-81610	SEAL, DUST 35X45X4	2	2						
4	2	172141-82270	BUSH 35 45	2	2						
5	1	172448-82700	PIN 35X155	1	1						
6	1	172448-82760	PIN 35X127	1	1						
7	1	172448-82790	PIN 30X121	1	1						
8	1	172141-84601	SHIM	2	2						
12	1	22157-100000	WASHER, 10	3	3						
13	1	24761-050000	NIPPLE, GREASE C	1	1						
14	1	26013-100252	BOLT, M10X 25	3	3						
15	1	933160-06711	SHIM ASSY	1	1						
19	1	172183-81170	CLIP, TREE	4	4						1
19-1	1	172176-68210	CLIP, TREE	4	4						N
(A)=M/#26560) (B)=M/#26560)											

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.

Fig.78. ARM

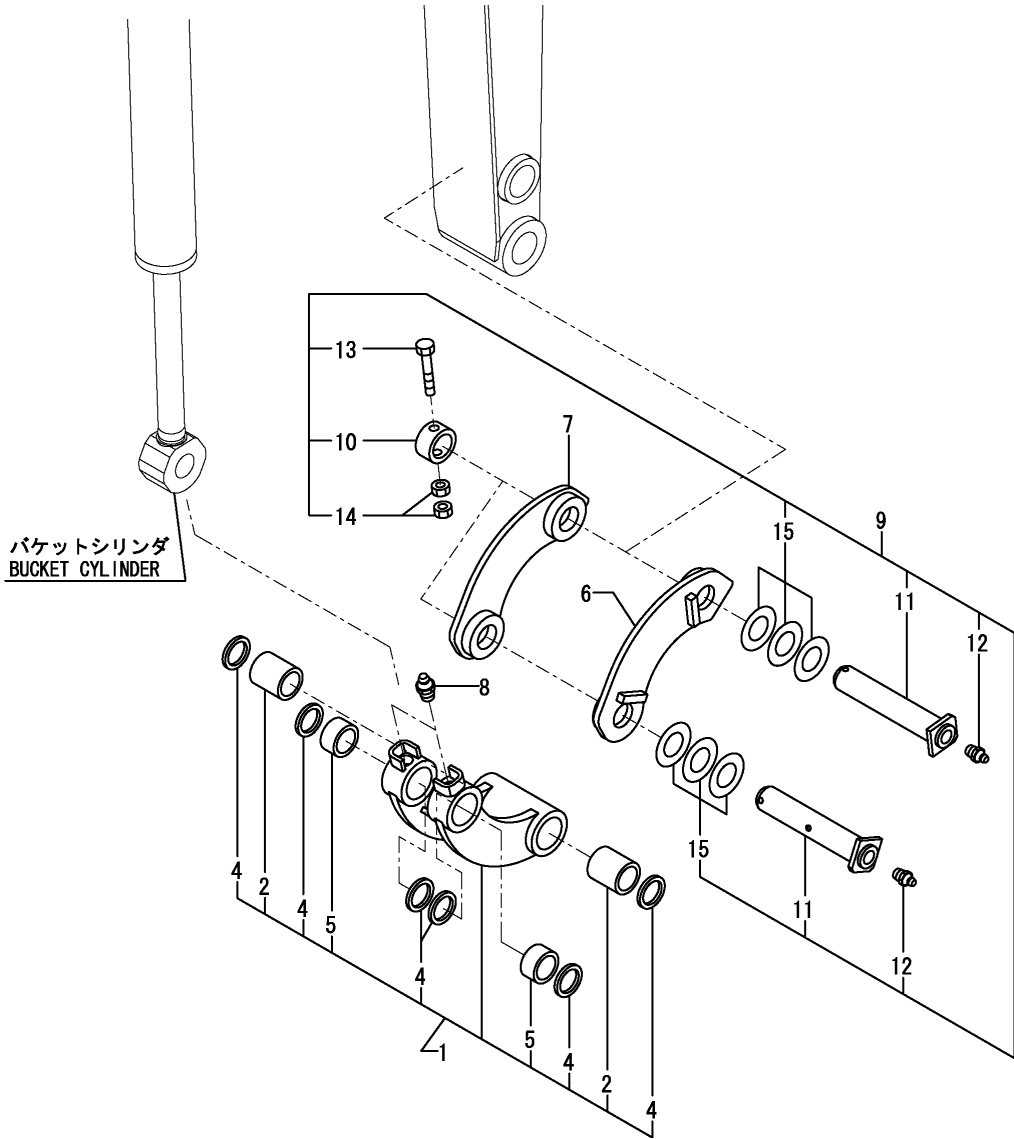


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	2	2						
2	1	172448-81500	ARM ASSY	1	1						
3	2	172137-81300	BUSH 30X45, PIN	4	4						
4	2	172448-81600	SEAL, DUST 30X40X4	4	4						
5	2	172448-81610	SEAL, DUST 35X45X4	2	2						
6	2	172141-82270	BUSH 35 45	2	2						
7	1	172448-82820	PIN 30X87	2	2						
8	1	22157-100000	WASHER, 10	2	2						
9	1	24761-040000	NIPPLE, GREASE B	1	1						
10	1	26013-100252	BOLT, M10X 25	2	2						
11	1	933160-06711	SHIM ASSY	2	2						
15	1	172183-81160	CLIP, TREE	4	4						1

Remarks
(1)NOT APPLIED FOR P.T.O. SPEC.

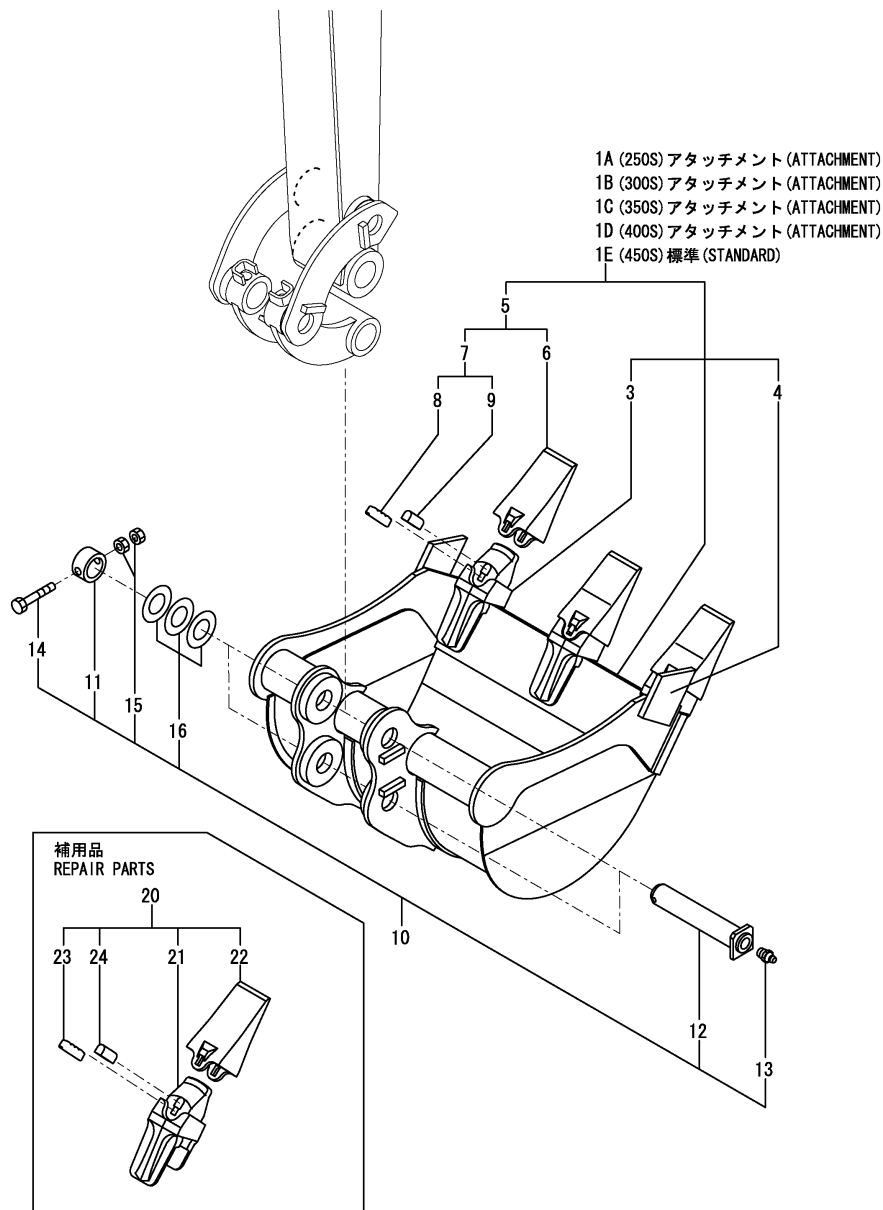


(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-84404-1	LINK ASSY,BUCKET(97)	1							
1-1	1	172448-81400	LINK, BUCKET (97)	1	1						R
(A=M/#21064)											
2	2	172137-81300	BUSH 30X45, PIN	2	2						
4	2	172183-72290	SEAL, DUST 30X40X4.2	6							
4-1	2	172448-81600	SEAL, DUST 30X40X4	6	6						R
(A=M/#20902)											
5	2	172137-84451	BUSH	2	2						
6	1	172448-84500	ARM, BUCKET	1	1						
7	1	172448-84510	ARM, BUCKET	1	1						
8	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
9	1	172137-99451	PIN KIT, BUCKET	2	2						
10	2	172149-83220	COLLAR, 30X42.7X22	2	2						
11	2	172137-86251	PIN, BUCKET	2	2						
12	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
13	2	26116-100602	BOLT, M10X 60 PLATED	2	2						
14	2	26716-100002	NUT, M10	4	4						
15	2	933160-06711	SHIM ASSY	2	2						

Fig.80. BUCKET(S-TYPE)



(1)REPAIR KIT.
(2)STANDARD SPEC.
(3)ATTACHMENT.

(A)=VIO15-2
(B)=VIO15-2
(C)=VIO15-2

(D)=VIO15-2
(E)=VIO15-2
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1A	1	172448-82100	BUCKET ASSY	1							3
1B	1	172448-82140	BUCKET ASSY		1						3
1C	1	172448-82180	BUCKET ASSY			1					3
1D	1	172448-82220	BUCKET ASSY				1				3
1E	1	172448-82400	BUCKET ASSY, 450S					1			2
3	3	172448-82530	ADAPTER	2	3	3	3	3			
4	3	172137-86240-4	CUTTER, SIDE	2	2	2	2	2			
5	2	172448-82950-1	TOOTH KIT, POINT	2	3	3	3	3			
6	3	172448-82570	TOOTH, POINT	2	3	3	3	3			
7	3	172448-82960	PIN ASSY, LOCK	2	3	3	3	3			
8	4	172448-82580	PIN, LOCK	2	3	3	3	3			
9	4	172448-82590	RUBBER, PIN	2	3	3	3	3			
10	1	172137-99451	PIN KIT, BUCKET	2	2	2	2	2			
11	2	172149-83220	COLLAR, 30X42.7X22	2	2	2	2	2			
12	2	172137-86251	PIN, BUCKET	2	2	2	2	2			
13	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2			
14	2	26116-100602	BOLT, M10X 60 PLATED	2	2	2	2	2			
15	2	26716-100002	NUT, M10	4	4	4	4	4			
16	2	933160-06711	SHIM ASSY	2	2	2	2	2			
20	1	772448-82530	TOOTH ASSY	2	3	3	3	3			1
21	2	172448-82530	ADAPTER	2	3	3	3	3			
22	2	172448-82570	TOOTH, POINT	2	3	3	3	3			
23	2	172448-82580	PIN, LOCK	2	3	3	3	3			
24	2	172448-82590	RUBBER, PIN	2	3	3	3	3			

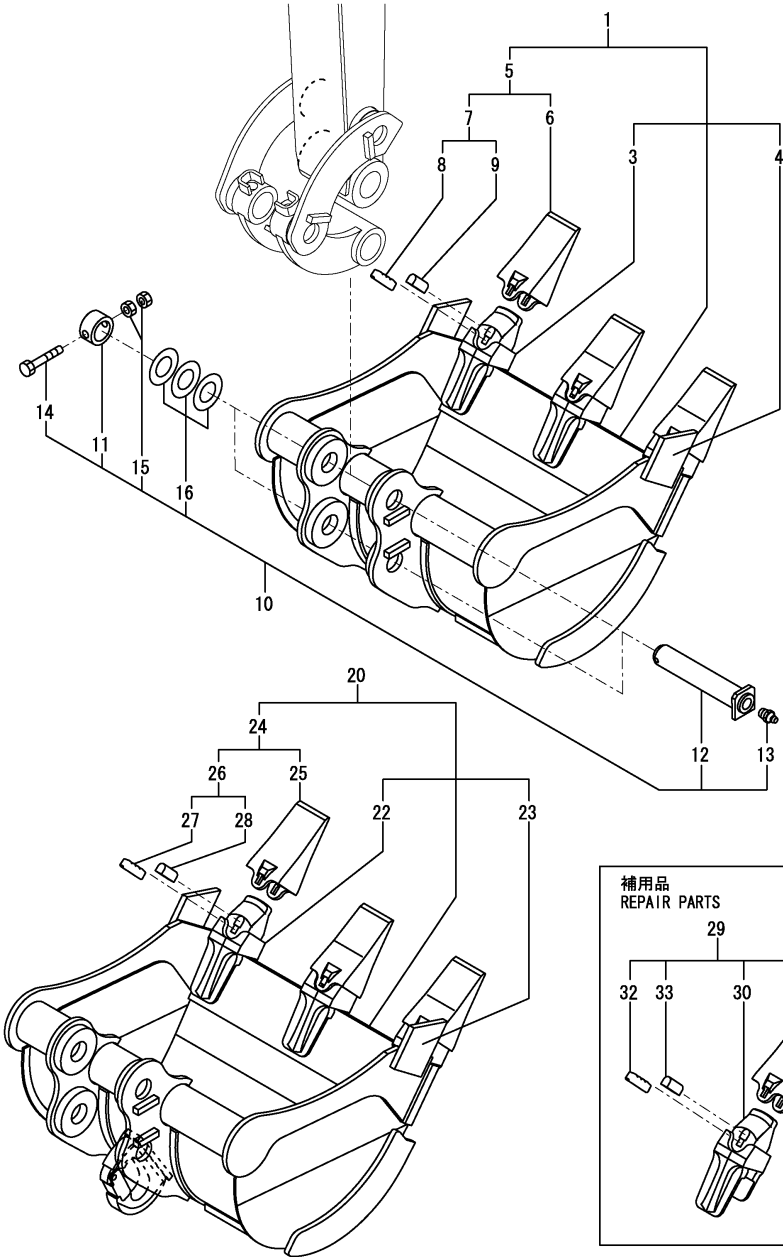
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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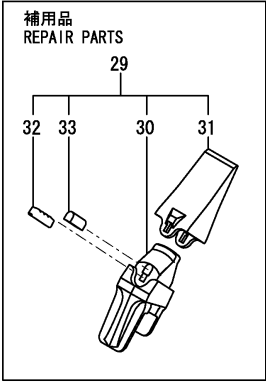
Fig.81. BUCKET(H-TYPE)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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

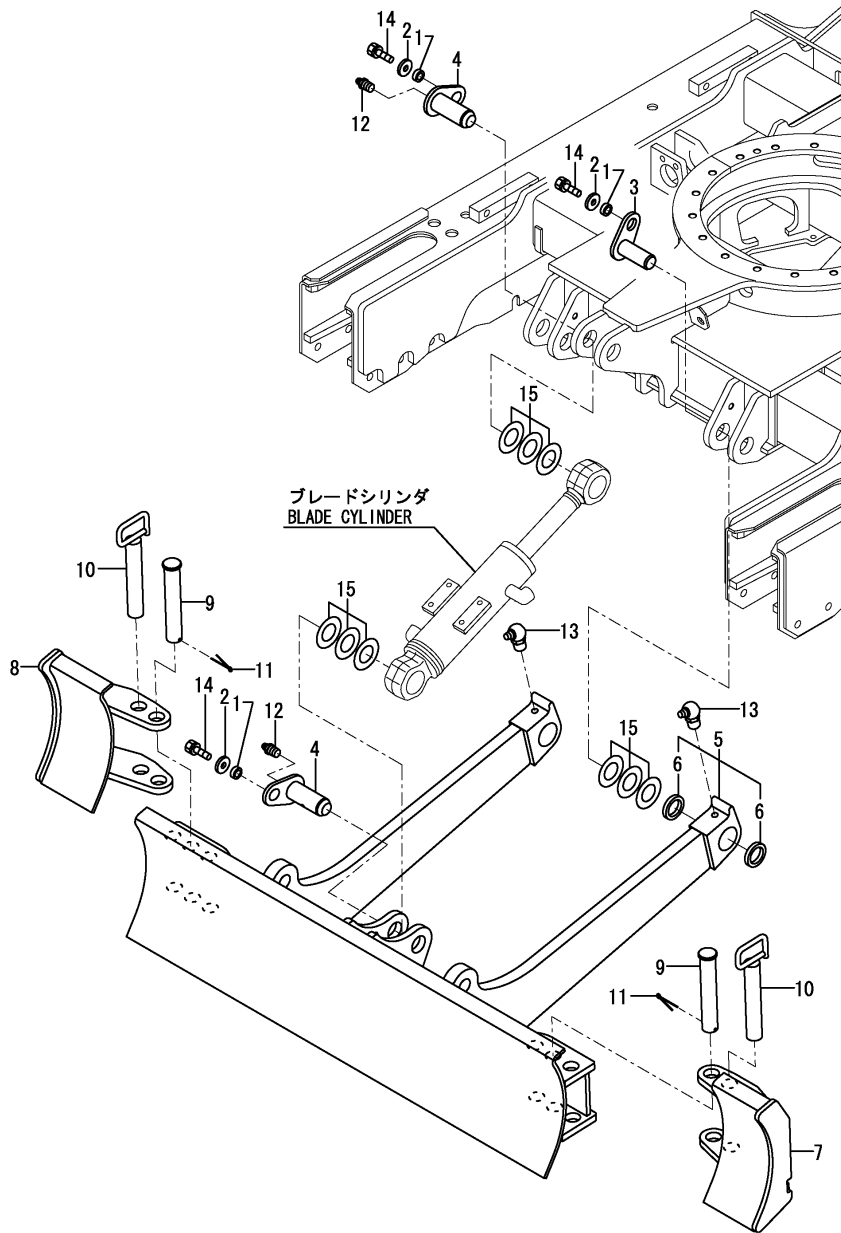


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-82910	BUCKET ASSY	1							
3	4	172448-82530	ADAPTER	3							
4	4	172137-86240-4	CUTTER, SIDE	2							
5	2	172448-82950-1	TOOTH KIT, POINT	3							
6	3	172448-82570	TOOTH, POINT	3							
7	3	172448-82960	PIN ASSY, LOCK	3							
8	4	172448-82580	PIN,LOCK	3							
9	4	172448-82590	RUBBER,PIN	3							
10	1	172137-99451	PIN KIT, BUCKET	2							
11	2	172149-83220	COLLAR, 30X42.7X22	2							
12	2	172137-86251	PIN, BUCKET	2							
13	2	24761-020000	NIPPLE, GREASE PT1/8	2							
14	2	26116-100602	BOLT, M10X 60 PLATED	2							
15	2	26716-100002	NUT, M10	4							
16	2	933160-06711	SHIM ASSY	2							
20	1	172448-82970	BUCKET ASSY	1							
22	4	172448-82530	ADAPTER	3							
23	4	172137-86240	CUTTER, SIDE	2							
24	2	172448-82950-1	TOOTH KIT, POINT	3							
25	3	172448-82570	TOOTH, POINT	3							
26	3	172448-82960	PIN ASSY, LOCK	3							
27	4	172448-82580	PIN,LOCK	3							
28	4	172448-82590	RUBBER,PIN	3							
29	1	772448-82530	TOOTH ASSY	3							1
30	2	172448-82530	ADAPTER	3							
31	2	172448-82570	TOOTH, POINT	3							
32	2	172448-82580	PIN,LOCK	3							
33	2	172448-82590	RUBBER,PIN	3							



Remarks
(1)REPAIR KIT

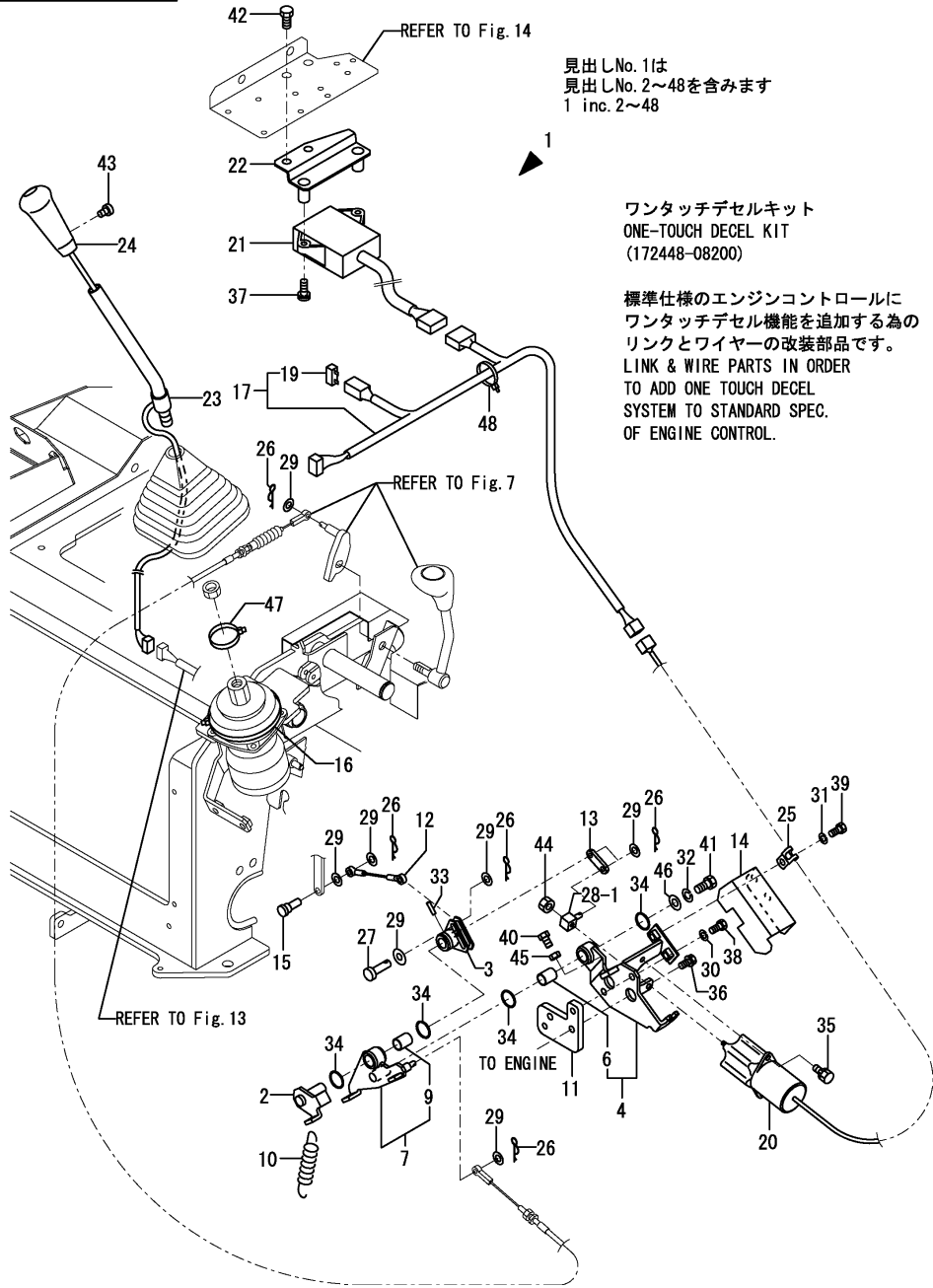
P/C NEWS No:Y00K3792-1
PUBLISHED:2007/06



										OCK10-M37902 Fig.82	
										(A)=VIO15-2(JP) (B)=VIO15-2(EX) (C)=	
										(D)= (E)= (F)=	
										Q'ty	
										I R	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	4	4						
2	1	172110-36010	COLLAR	4	4						
3	1	172137-94251	PIN 30X76	2	2						
4	1	172137-94271	PIN	2	2						
5	1	172448-94500	BLADE ASSY(GREEN:88)	1	1						
5-1	1	172448-94501	BLADE ASSY(GREEN:88)	1	1						N
(A=M/#25606) (B=M/#25606)											
5-2	1	172448-94490	BLADE ASSY (88)	1	1						N
(A=XXX) (B=XXX)											
6	2	172448-81600	SEAL, DUST 30X40X4	4	4						
7	1	172448-94600	BLADE,SIDE L(GREEN88	1							
7-1	1	172448-94601	BLADE,SIDE L(GREEN88	1	1						R
(A=M/#21267)											
7-2	1	172448-94602	BLADE ASSY,SIDE L(88	1	1						N
(A=M/#25606) (B=M/#25606)											
8	1	172448-94610	BLADE,SIDE R(GREEN88	1							
8-1	1	172448-94611	BLADE,SIDE R(GREEN88	1	1						R
(A=M/#21267)											
8-2	1	172448-94612	BLADE ASSY, SIDE R	1	1						N
(A=M/#25606) (B=M/#25606)											
9	1	172448-94700	PIN 25X143	2	2						
10	1	172448-94710	PIN 25	2	2						
11	1	22417-400400	PIN, COTTER 4.0X40	2	2						
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
13	1	24761-040000	NIPPLE, GREASE B	2	2						
14	1	26013-100252	BOLT, M10X 25	4	4						
15	1	933160-06711	SHIM ASSY	4	4						

Fig.83. ONE-TOUCH DECEL KIT(OPTIONAL)

P/C NEWS No:YOOK3792-1
PUBLISHED - 2007/06

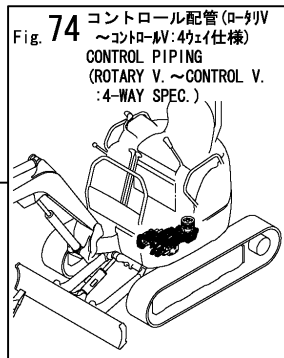
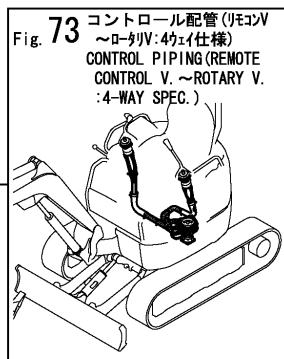
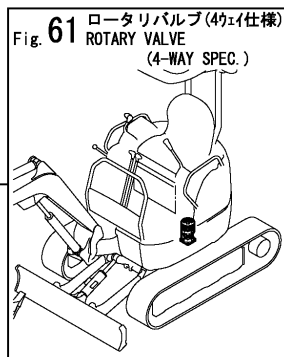


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08200	DECELERATE KIT	1							
2	2	172164-12200	SHAFT ASSY	1							
3	2	172175-12230	LINK A	1							
4	2	172183-12261	BASE ASSY	1							
6	3	24550-014200	BUSH, 14X20	1							
7	2	172183-12310	LINK B	1							
9	3	24550-014200	BUSH, 14X20	1							
10	2	172175-12350	SPRING, RETURN	1							
11	2	172183-12350	SPACER	1							
12	2	172175-12360	CABLE, ACCELERATOR	1							
13	2	172175-12370	PLATE	1							
14	2	172183-12381	COVER	1							
15	2	172113-12522	PIN	1							
16	2	172183-16560	CLIP, HOSE	1							
17	2	172448-16570	HARNESS ASSY, DECEL	1							
19	3	29420-200000	FUSE, B 20A	2							
20	2	172162-17180	SOLENOID	1							
21	2	172190-17220	RELEY, TIMER	1							
22	2	172448-17310	BRACKET ASSY, RELAY	1							
23	2	172448-45060	LEVER L, DECEL.	1							
24	2	172176-47870	KNOB	1							
25	2	194440-51620	CLAMP	1							
26	2	1C6281-52310	PIN, SNAP 6	6							
27	2	1A3809-56915	PIN, 6X20	1							
28-1	2	119620-66820	JOINT	1							
28-2	2	172A21-12250	JOINT	1							N
		(A=XXX)	(B=XXX)								
29	2	22137-060000	WASHER, 6	8							
30	2	22217-080000	WASHER, SPRING 8	2							
31	2	22217-080000	WASHER, SPRING 8	2							
32	2	22217-100000	WASHER, SPRING 10	1							
33	2	22351-040025	PIN, SPRING 4.0X25	1							
34	2	24311-000210	O-RING, 1AP21.0	4							
35	2	26013-060162	BOLT, M6X 16	2							
36	2	26013-080202	BOLT, M8X 20	2							
37	2	26022-060252	SCREW, M6X25	2							
38	2	26116-080162	BOLT, M8X 16 PLATED	2							
39	2	26116-080162	BOLT, M8X 16 PLATED	2							
40	2	26116-080252	BOLT, M8X 25 PLATED	1							
41	2	26116-100162	BOLT, M10X 16 PLATED	1							
42	2	26116-100162	BOLT, M10X 16 PLATED	2							
43	2	26587-040062	SCREW, M4X 6	1							
44	2	26716-060002	NUT, M6	1							
45	2	26756-080002	NUT, LOCK M8	1							
46	2	933166-17730	WASHER	1							
47	2	933168-55770	BAND 146	1							
48	2	933168-55770	BAND 146	2							

Fig.84. 4-WAY MULTI VALVE KIT(OPTIONAL)

(A)=VIO15-2(JP)
(B)=VIO15-2(EX)
(C)=

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



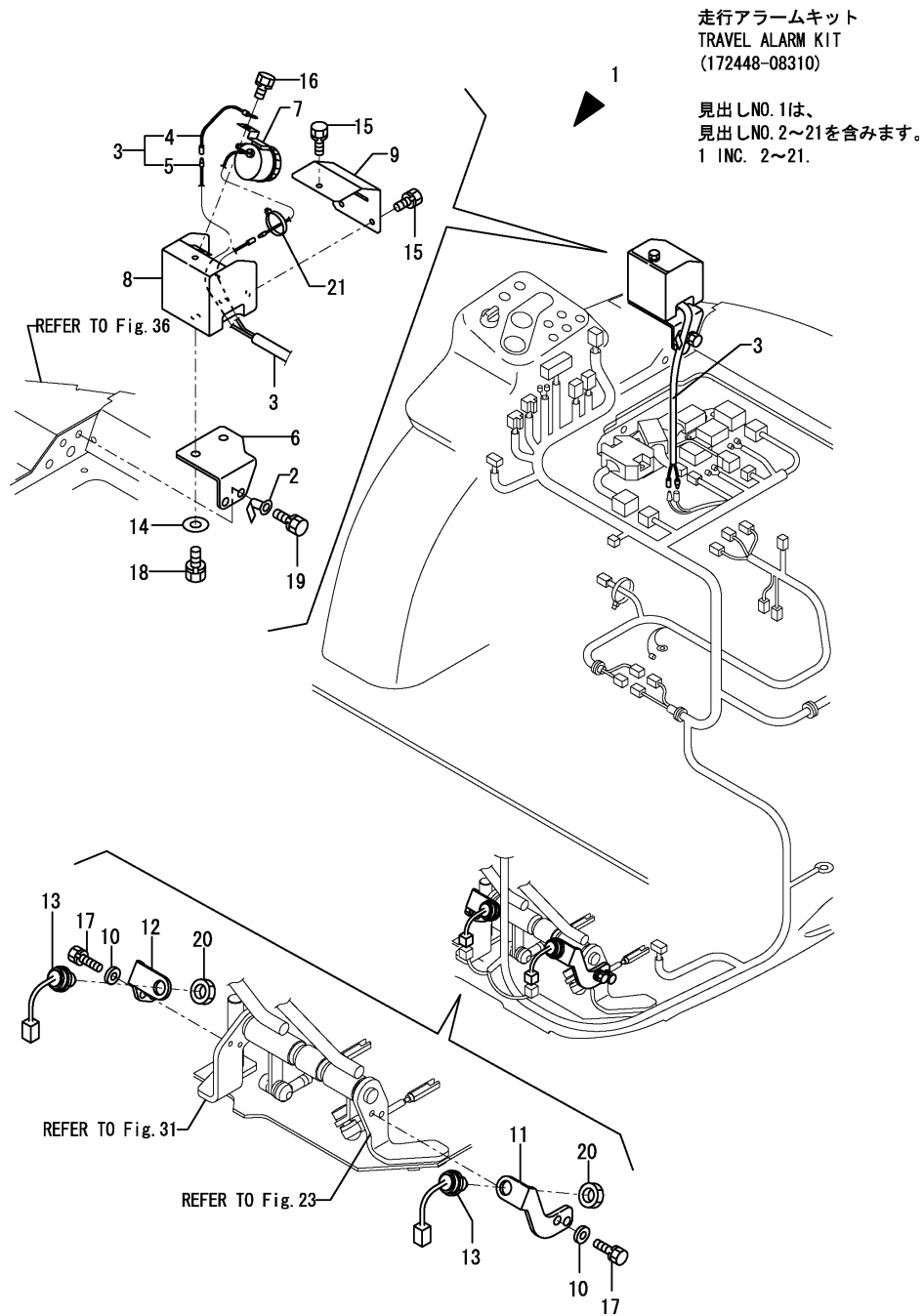
1
4ウェイマルチバルブキット
4-WAY MULTI VALVE KIT
(172422-08510)

標準操作パターン(JIS. ヤンマーパターン)を
ワンタッチで他社パターンに変更可能な
切替えバルブ等を追加する為の部品です。
CUTOFF VALVE PARTS, ETC. WHICH CAN CHANGE
FROM STANDARD OPERATION PATTERN
(JIS. YANMAR PATTERN) TO ANOTHER CORPORATION
PATTERN PROMPTLY.

KITコードの子部品は、各項目を参照ください。
INNER PARTS OF KIT CODE ARE
SHOWN IN THESE FIGURE.

[illegible]

Fig.85. TRAVEL ALARM KIT(OPTIONAL)



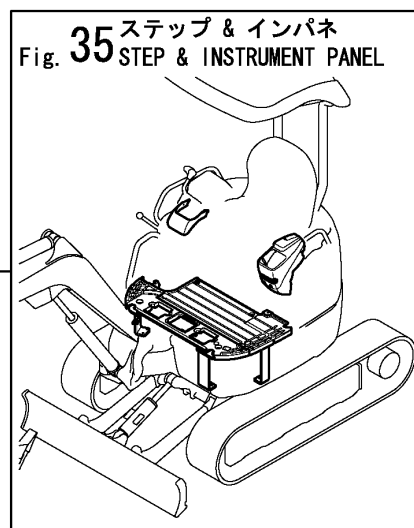
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172448-08310	ALARM KIT, TRAVEL	1					
2	2	172126-16540	CLAMP	1					
3	2	172448-16600	HARNESS D CMP	1					
4	3	172478-16580	HARNESS,ALARM	1					
5	3	172448-16590	HARNESS,D	1					
6	2	172448-17250	BRACKET, ALARM	1					
7	2	172511-17351	BUZZER, BACK	1					
8	2	172472-17400	CASE ASSY, ALARM	1					
9	2	172472-17470	COVER, ALARM CASE	1					
10	2	172157-45840	WASHER 8X18X4	4					
11	2	172448-45880	STAY	1					
12	2	172448-45890	STAY	1					
13	2	194464-52190	SWITCH, SAFETY START	2					
14	2	22137-100000	WASHER, 10	2					
15	2	26013-060122	BOLT, M6X 12	3					
16	2	26013-080122	BOLT, M8X 12	1					
17	2	26013-080252	BOLT, M8X 25	4					
18	2	26013-100252	BOLT, M10X 25	2					
19	2	26013-100252	BOLT, M10X 25	2					
20	2	26776-180002	NUT, LOCK M18	2					
21	2	933168-55770	BAND 146	1					

Fig.86. 2-WAY MULTI VALVE KIT(OPTIONAL)

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

Q'ty

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08520	2WAY MULTI-VALVE KIT	1							



1

標準操作パターン(JIS. ヤンマーパターン)をワンタッチで小松パターンに変更可能な切替えバルブ等を追加する為の部品です。
CUTOUT VALVE PARTS, ETC. WHICH CAN CHANGE FROM STANDARD OPERATION PATTERN (JIS. YANMER PATTERN) TO KOMATSU PATTERN PROMPTLY.

A仕様 リモコンバルブ用
A-SPEC. REMOTE CONTROL VALVE.

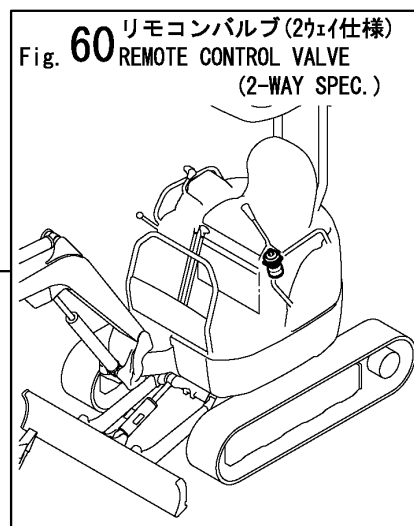


Fig.87. C,D PATTERN KIT(OPTIONAL)

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

No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172448-08530	PATTERN KIT	1							
2	2	172141-03160	LABEL, OPERATION(C)	1							
3	2	172141-03390	LABEL	1							
4	2	172478-78490	HOSE F403BC125S	2							

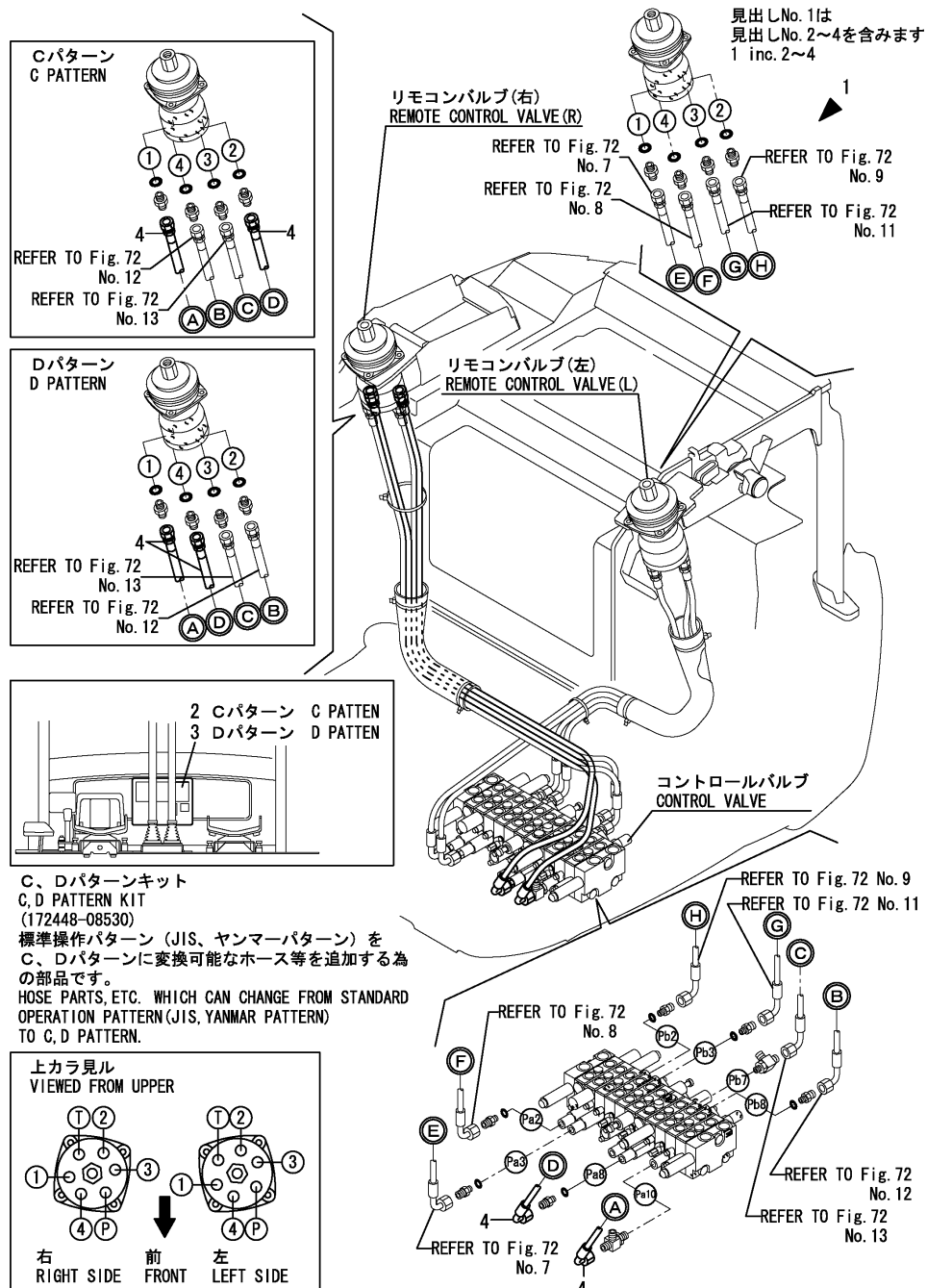


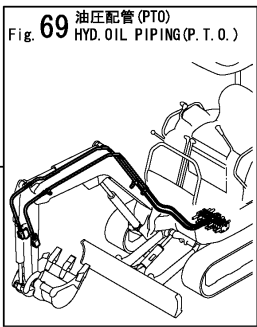
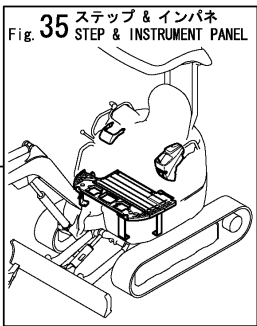
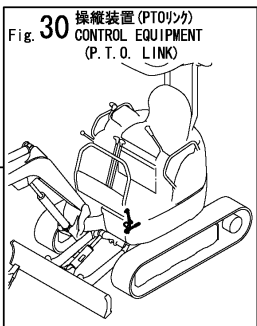
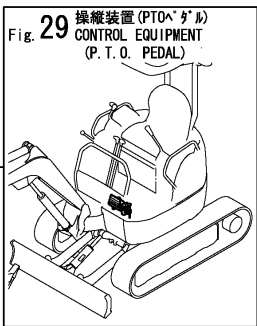
Fig.88. P.T.O. KIT(OPTIONAL)

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

[illegible]

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ 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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1 —
PTOキット
P.T.O. KIT
(172448-08700)

PTO配管のまったく付いていない
標準仕様に配管、リンク及び
カバーを加える改装部品です。
PARTS IN ODER TO ADD PIPIG, LINK
& COVER TO STANDARD SPEC. WITH
NO P.T.O. PITING.

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	11	42
102103-55520	11	26
		37
103954-13201	6	5
104200-11920	10	13
104200-55321	11	33
104200-55330	11	23
		34
104200-55341	11	35
104200-55750	11	30
		43
105027-12580	6	15
106990-44660	10	29 -1
110250-55610	11	27
		38
119225-52102	11	21
119233-13600	6	6
119247-77100	14	39
119258-12530	6	12
119620-66820	83	28 -1
119650-77910	14	42
119653-77710	14	40
119655-12560	6	14
119808-12540	6	13
119810-55340	11	24
119810-55650	11	29
119813-44510	9	19
119833-55620	11	22
121250-49121	9	3
121250-55620	11	28
121254-55510	11	25
121256-44600	9	26
121257-55720	11	39
121257-55731	11	40
121470-44540	1	39
124064-55510	11	36
124450-44550	9	25
124701-11911	6	4
124764-44810	2	44
124764-44920	2	45
124766-59050	9	27
	10	36
	11	47
129155-77810	14	41
129211-77920	14	45
129335-55700	11	32
171081-55910	11	44
172010-01640	76	1
	77	1
	78	1

Parts No.	Fig. No.	Ref. No.
172010-01640	82	1
172068-28490	29	2
172110-36010	82	2
172113-12522	7	6
	83	15
172116-46630	29	12
172117-83970-1	76	14
172122-37844	17	12
		31
172122-46590	23	34
	27	32
	30	10
172122-70350	47	15
		16
172122-73430	47	27
172122-73470	47	41
172122-73480	47	42
172122-79930	63	12
	64	1
		2
	65	24
	67	22
	70	11
	71	11
	72	5 -1
		17
	73	9 -1
		21
	74	17
172123-76121	64	3
		4
		5
	65	1
		2
		3
	67	2
	70	1
	72	1
	73	1
		5
	74	3
172124-14620	10	27
172124-46200	21	17
	22	17
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