

OCK10-M37602EN

P R E F A C E

1. This Parts Catalog carries Yanmar crawler back-hoe Vio20-2.

2. Parts catalog history

	Parts catalog NO.	Published	Remarks
1st edition	000Y00K3760	Oct., 2000	Disuse old edition
1st revised	000Y00K3761	Sep., 2001	Disuse old edition
2nd revised	000Y00K3762	Oct., 2003	

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio20-2 C(JP)	20501~	2000/7~
	(B)	Vio20-2 P(JP)		
	(D)	Vio20-2 P(EX)		
II (Engine)	(A)	3TNE74-ENBV	N04801~	2000/5~

(Note) C:Cabin spec. P:Canopy spec. 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)

①

REF.

②

LEV.

PARTS NO.

DESCRIPTION

(A)=4JH-DT
(B)=4JH-DTZ
(C)=4JH-DTZP

(D)=4JH-DTZA
(E)=4JH-DTZY
(F)=

Q'TY

(A)

(B)

(C)

(D)

(E)

(F)

③

I

⑤

R

1	1	729595-51390	FUEL INJECTION PUMP	1	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	④	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 $\xrightarrow{\text{No}}$	New Part is interchangeable for Old Part but Old Part is not interchangeable for New Part.
Q	Old $\xrightarrow{\text{No}}$ New Yes $\xrightarrow{\text{Yes}}$	New Part is not interchangeable for Old Part but Old Part is interchangeable for New Part.
R	Old $\xrightarrow{\text{Yes}}$ New Yes $\xrightarrow{\text{Yes}}$	New/ Old Parts are both interchangeable.
S	Old $\xrightarrow{\text{No}}$ New No $\xrightarrow{\text{No}}$	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.

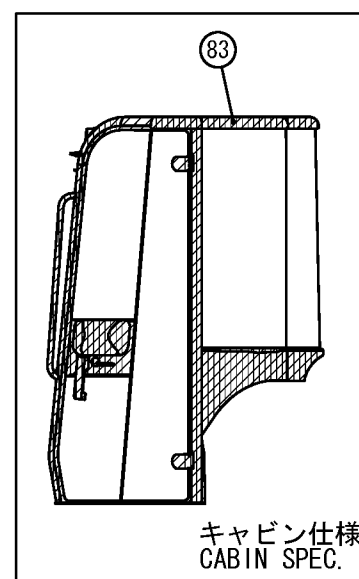
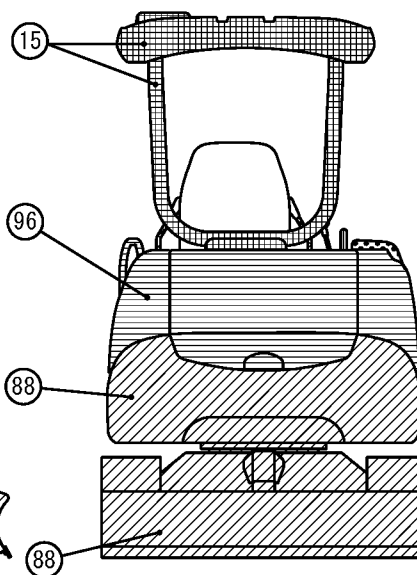
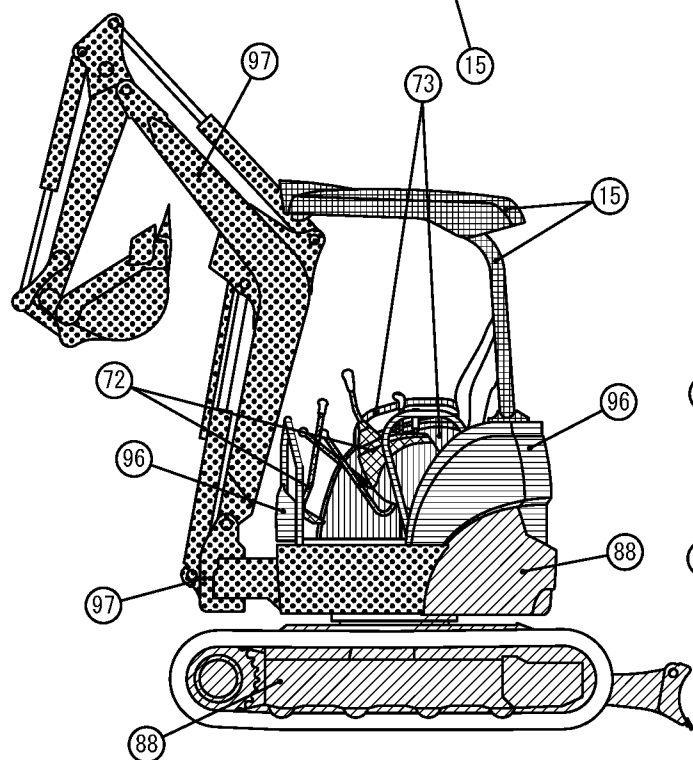
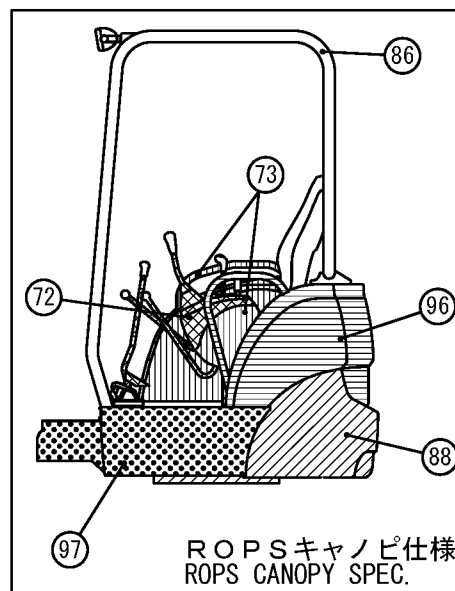
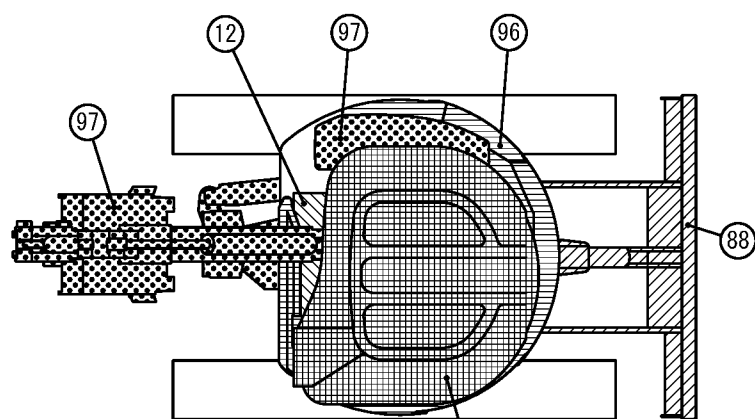
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

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

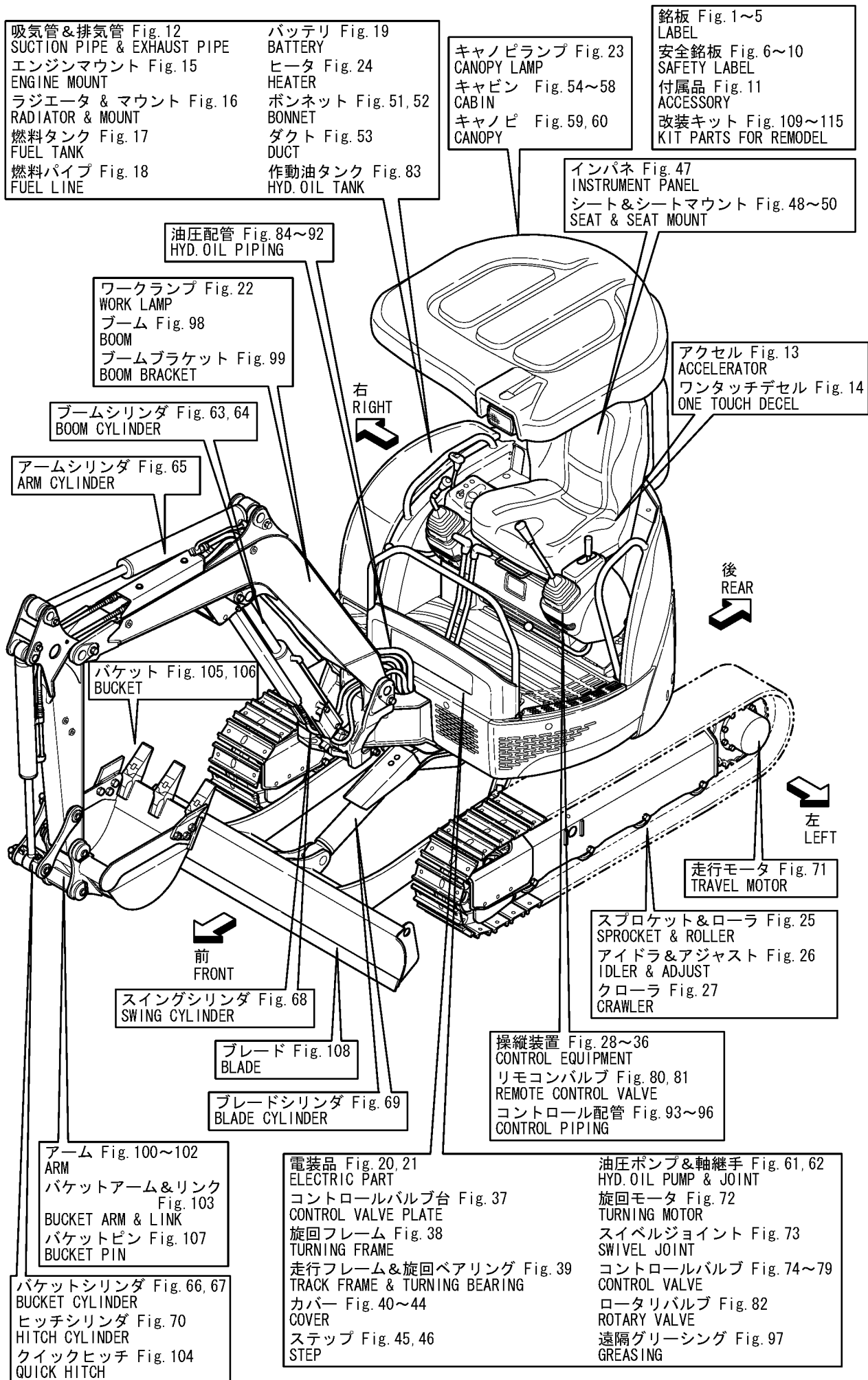
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

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		ヤンマー新ディーブグリーン 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
15		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
12		ヤンマーブラック YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
86		ヤンマー新グレイッシュグリーン YANMAR New Grayish Green	2. 62BG4. 76/2. 87	981101-09616	977620-40860	977620-30861
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	2. 14G 4. 87/1. 52	981101-09615	977620-40830	977620-30N41

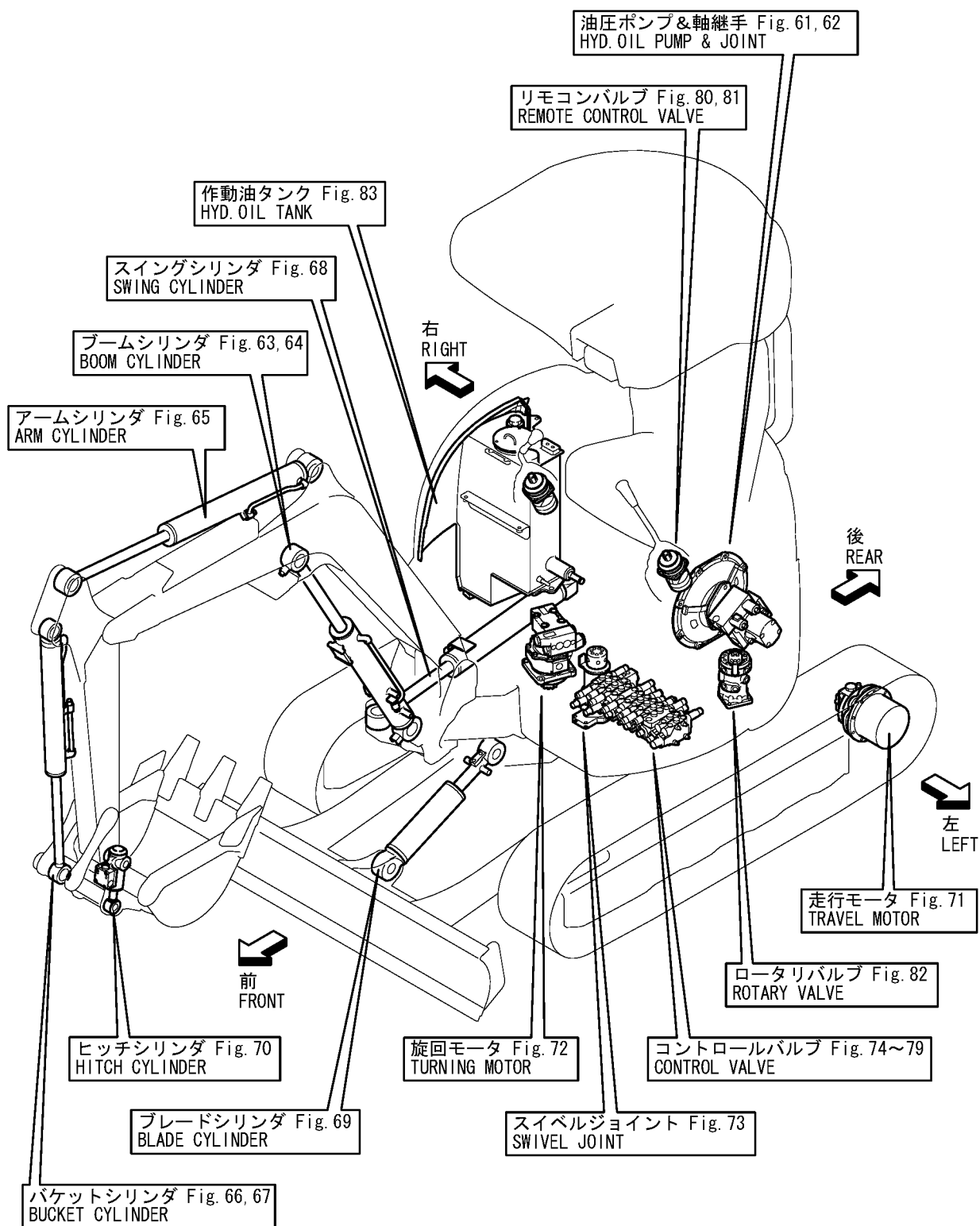
絵目次 (1) 主要部分 PICTURESQUE INDEX (1) MAIN PARTS



絵目次 (2) 油圧関係 PICTURESQUE INDEX (2) . . . HYDRAULIC SECTION

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 HYD. OIL PIPING

コントロール配管 Fig. 93~96
 CONTROL PIPING



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3.	LABEL(ROPS CANOPY)(JP)
4.	LABEL(QUICK HITCH)(JP)
5.	LABEL(CANOPY)(EX)
6.	SAFETY LABEL(CABIN)(JP)
7.	SAFETY LABEL(CANOPY)(JP)
8.	SAFETY LABEL(ROPS CANOPY)(JP)
9.	SAFETY LABEL(QUICK HITCH)(JP)
10.	SAFETY LABEL(CANOPY)(EX)
11.	ACCESSORY
ENGINE RELATED	
12.	SUCTION PIPE & EXHAUST PIPE
13.	ACCELERATOR
14.	ONE TOUCH DECEL(OPTIONAL)
15.	ENGINE MOUNT
16.	RADIATOR & MOUNT
17.	FUEL TANK
18.	FUEL LINE
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21.	ELECTRIC PART(EQUIPMENT)
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24.	HEATER
TRAVELING	
25.	SPROCKET & ROLLER
26.	IDLER & ADJUST
27.	CRAWLER
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28.	CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)
29.	CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)
30.	CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)
31.	CONTROL EQUIPMENT(OPERATION LEVER)
32.	CONTROL EQUIPMENT(BLADE LEVER)
33.	CONTROL EQUIPMENT(SWING PEDAL)
34.	CONTROL EQUIPMENT(LOW-HIGH PEDAL)
35.	CONTROL EQUIPMENT(P.T.O. PEDAL)
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37.	CONTROL VALVE PLATE

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- 39. TRACK FRAME & TURNING BEARING

COVER

- 40. COVER(FRAME)
- 41. COVER(AROUND CONTROL)
- 42. COVER(CABIN SPEC.)
- 43. COVER(CANOPY & ROPS CANOPY SPEC.)
- 44. COVER(BOOM)

AROUND SEAT

- 45. STEP(CABIN SPEC.)
- 46. STEP(CANOPY & ROPS CANOPY SPEC.)
- 47. INSTRUMENT PANEL
- 48. SEAT & SEAT MOUNT(CABIN SPEC.)
- 49. SEAT & SEAT MOUNT(CANOPY SPEC.)
- 50. SEAT & SEAT MOUNT(ROPS CANOPY SPEC.)

BONNET

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CABIN

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Fig. No. Fig. Name

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- 56. CABIN(BODY:2)
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- 58. CABIN(FRONT GLASS)

CANOPY

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- 59. CANOPY
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- 62. HYD.OIL PUMP& JOINT(QUICK HITCH SPEC.)
- 63. BOOM CYLINDER(CABIN & ROPS CANOPY SPEC.)
- 64. BOOM CYLINDER(CANOPY SPEC.)
- 65. ARM CYLINDER
- 66. BUCKET CYLINDER
- 67. BUCKET CYLINDER(QUICK HITCH SPEC.)
- 68. SWING CYLINDER
- 69. BLADE CYLINDER
- 70. HITCH CYLINDER
- 71. TRAVEL MOTOR
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- 75. CONTROL VALVE(BOOM 2 & TRAVEL:RIGHT)
- 76. CONTROL VALVE(P PORT & TRAVEL:LEFT)
- 77. CONTROL VALVE(SWING & ARM)
- 78. CONTROL VALVE(P.T.O. & T/P PORT)
- 79. CONTROL VALVE(TURNING & BLADE)
- 80. REMOTE CONTROL VALVE
- 81. REMOTE CONTROL VALVE(2-WAY SPEC.)
- 82. ROTARY VALVE(4-WAY SPEC.)
- 83. HYD.OIL TANK

HYDRAULIC OIL PIPING

- 84. HYD.OIL PIPING(TANK-PUMP-VALVE)
- 85. HYD.OIL PIPING(PUMP,VALVE-TURNING MOTOR)
- 86. HYD.OIL PIPING(VALVE-SWIVEL,SWING)
- 87. HYD.OIL PIPING(RETURN)
- 88. HYD.OIL PIPING(P.T.O.,FRAME END)
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- 91. HYD.OIL PIPING(P.T.O.,ARM END)
- 92. HYD.OIL PIPING(QUICK HITCH)
- 93. CONTROL PIPING(PUMP-VALVE-RETURN)
- 94. CONTROL PIPING(REMOTE CONTROL VALVE-CONTROL VALVE:STANDARD,2-WAY SPEC.)
- 95. CONTROL PIPING(REMOTE CONTROL VALVE-ROTARY VALVE:4-WAY SPEC.)
- 96. CONTROL PIPING(ROTARY VALVE-CONTROL VALVE:4-WAY SPEC.)
- 97. GREASING

Fig. No. Fig. Name

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- 98. BOOM
- 99. BOOM BRACKET
- 100. ARM
- 101. ARM(LONG ARM SPEC.)
- 102. ARM(QUICK HITCH SPEC.)
- 103. BUCKET ARM & LINK
- 104. QUICK HITCH
- 105. BUCKET(S-TYPE)
- 106. BUCKET(H-TYPE)
- 107. BUCKET PIN(QUICK HITCH SPEC.)
- 108. BLADE

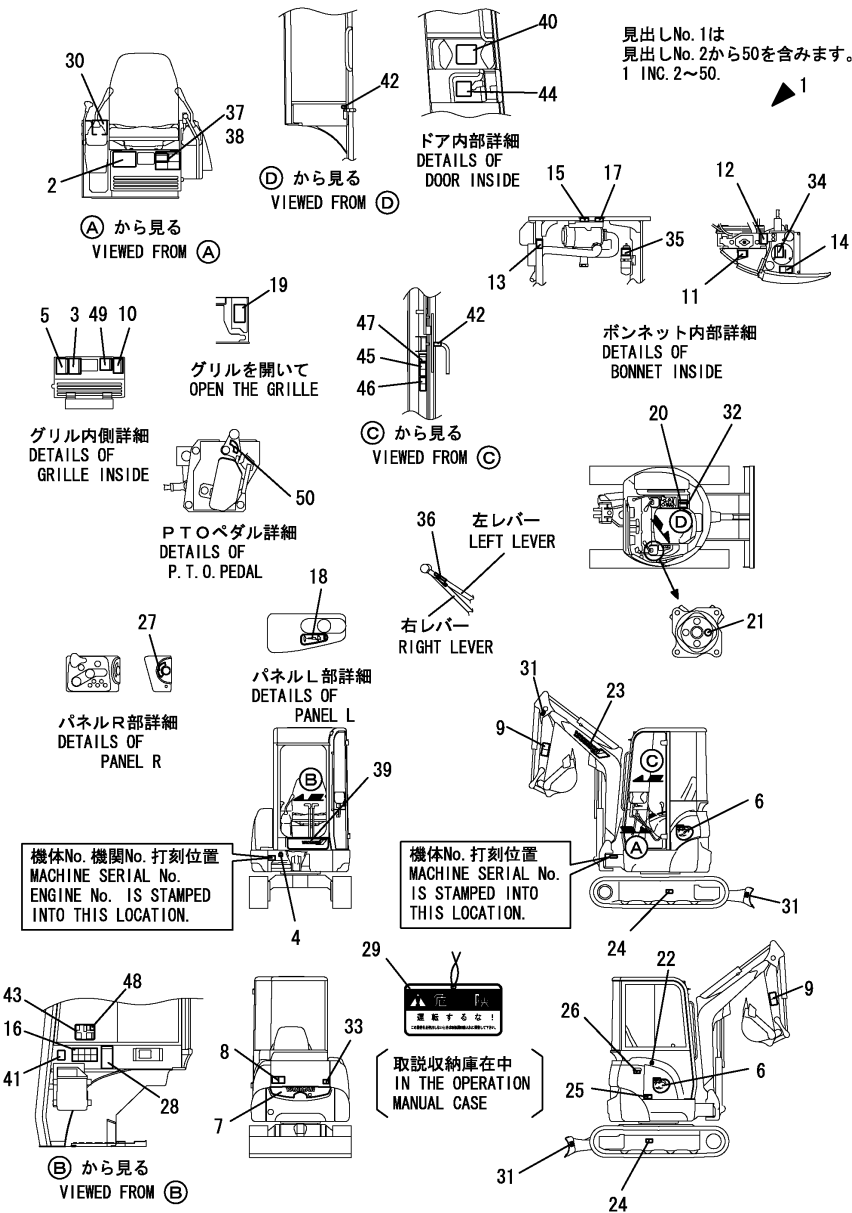
OPTIONAL & KIT

- 109. ONE TOUCH DECEL KIT(OPTIONAL)
- 110. 4-WAY MULTI VALVE KIT(OPTIONAL)
- 111. 2-WAY MULTI VALVE KIT(OPTIONAL)
- 112. P.T.O. KIT(OPTIONAL)
- 113. P.T.O. KIT(LONG ARM SPEC.)(OPTIONAL)
- 114. P.T.O. KIT(FRAME END)(OPTIONAL)
- 115. LONG ARM KIT(OPTIONAL)

Fig.1. LABEL(CABIN)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



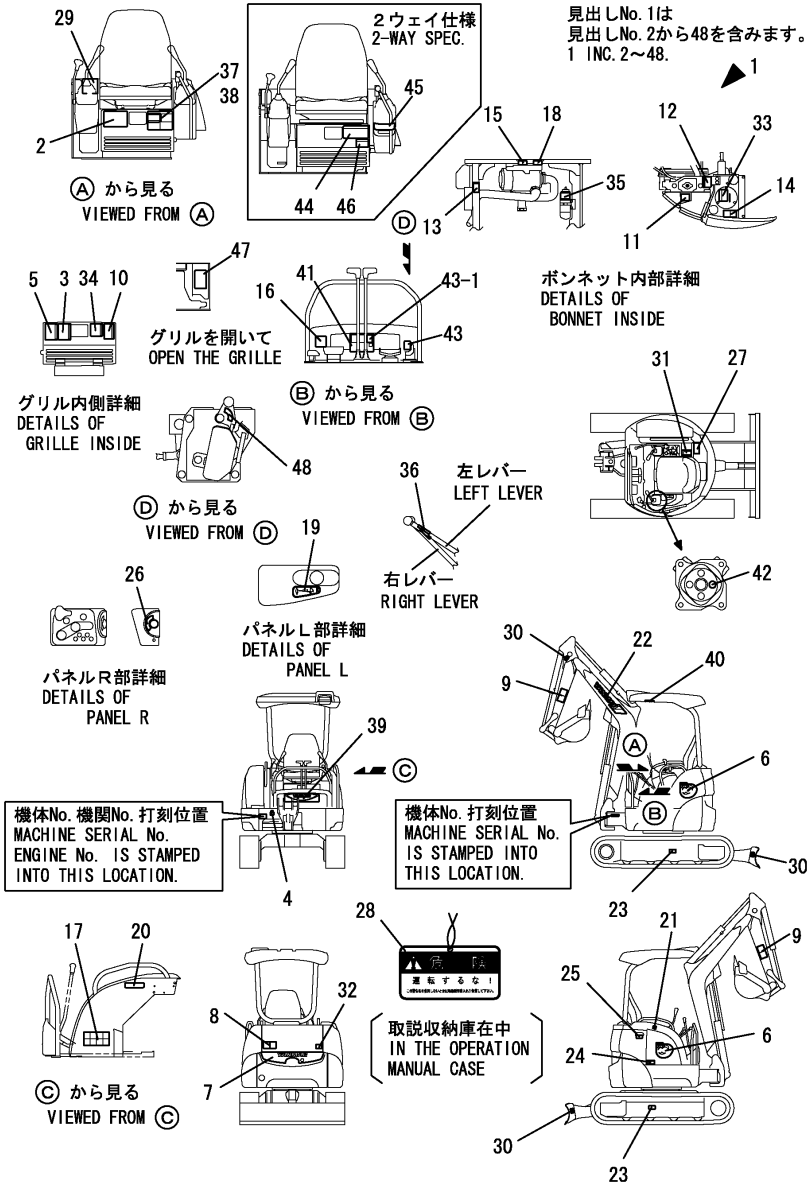
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-03110	LABEL ASSY(JP.C)	1							
2	2	172456-03112	LABEL	1							
3	2	172456-03120	LABEL,OIL & WATER	1							
4	2	172157-03130	LABEL, GREASE	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172456-03150	LABEL,MODEL	2							
7	2	172458-03160	LABEL, REAR	1							
8	2	172444-03170	LABEL	1							
9	2	172444-03180	LABEL	2							
10	2	172458-03181	LABEL, LIFTING	1							
11	2	172444-03190	LABEL	1							
12	2	172458-03190	LABEL,OILING	1							
13	2	172141-03202	LABEL,CAUTION	1							
14	2	172450-03200	LABEL,BATTERY	1							
15	2	172458-03200	LABEL,FAN	1							
16	2	172444-03210	LABEL	1							
17	2	172458-03210	LABEL,BELT	1							
18	2	172458-03220	LABEL,ACCELERATOR	1							
19	2	172458-03231	LABEL, HUSE	1							
20	2	172444-03240	LABEL	1							
21	2	172173-03250	LABEL	1							
22	2	172183-03250	LABEL,FUEL	1							
23	2	172524-03271	LABEL	1							
24	2	172444-03280	LABEL	2							
25	2	172142-03302	LABEL,CAUTION	1							
26	2	172455-03340	LABEL	1							
27	2	172141-03360	LABEL, START SWITCH	1							
28	2	172964-03370	LABEL	1							
29	2	172964-03481	TAG ASSY, CAUTION	1							
30	2	172164-03510	LABEL,LOADING	1							
31	2	172437-03510	LABEL,HOOK	3							
32	2	172164-03540	LABEL	1							
33	2	172519-04180	LABEL,WARNING	1							
34	2	172519-04290	LABEL,WARNING	1							
35	2	121470-44540	LABEL, SUB-TANK	1							
36	2	172183-03280	LABEL,LOCK	1							
37	2	172444-03290	MAGNET	1							1
38	2	172151-03551	LABEL	1							1
39	2	172460-03140	LABEL,FRONT	1							
40	2	172175-03170	LABEL	1							
41	2	172456-03170	LABEL	1							
42	2	172445-03180	LABEL	3							
43	2	172496-03200	LABEL, OPERATION	1							
44	2	172445-03220	LABEL	1							
45	2	172445-03230	LABEL	1							
46	2	172458-03260	LABEL	1							
47	2	172455-03520	LABEL	1							
48	2	172490-03210	LABEL, P.T.O.	1							2
49	2	172165-03240	LABEL	1							3
50	2	172458-03240	LABEL,LOCK	1							2

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

Fig.2. LABEL(CANOPY)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



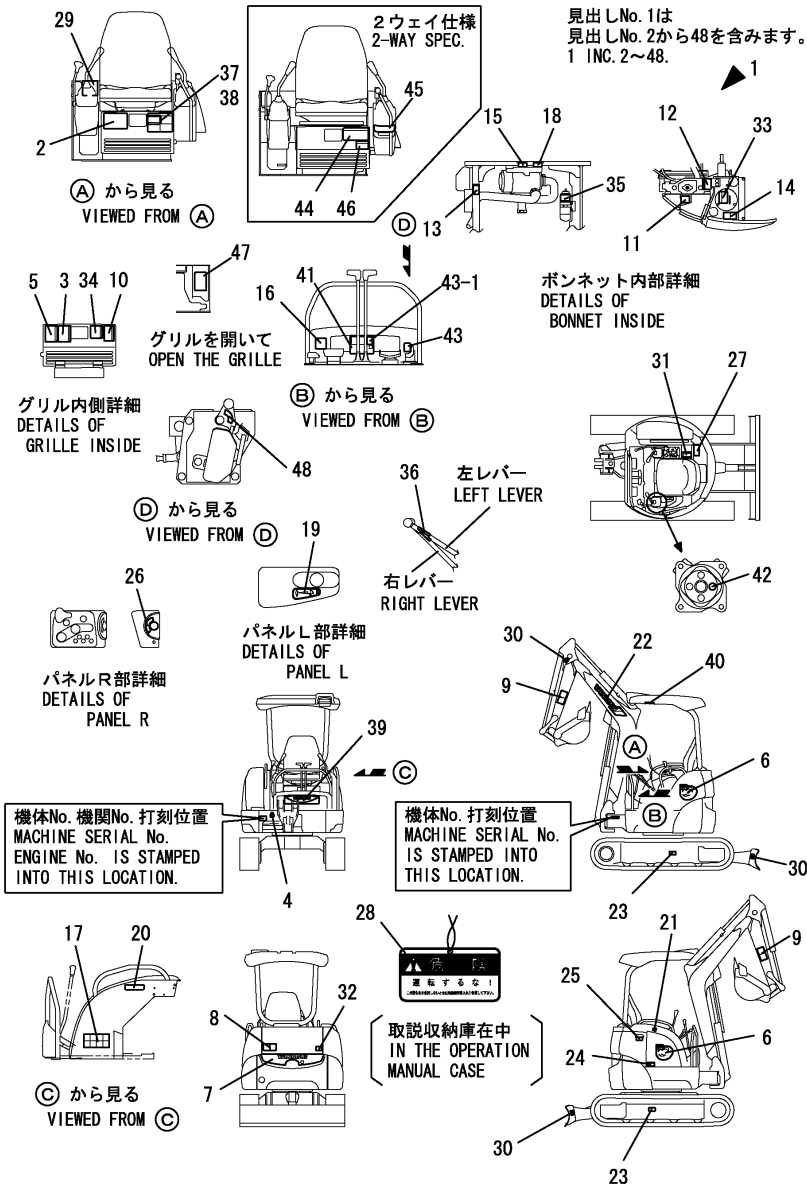
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-03100	LABEL ASSY (JP,P)		1						
1-1	1	772456-03101	LABEL SET (VIO20-2 P (B=M/#21827)		1						N
2	2	172456-03110	LABEL,SPECIFICATION		1						
2-1	2	172456-03111	LABEL, SPECIFICATION (B=M/#21310)		1						N
2-2	2	172456-03112	LABEL (B=M/#21827)		1						N
3	2	172456-03120	LABEL,OIL & WATER		1						
4	2	172157-03130	LABEL, GREASE		1						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172456-03150	LABEL,MODEL		2						
7	2	172458-03160	LABEL, REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172444-03180	LABEL		2						
10	2	172458-03180	LABEL,LIFT POSITION		1						
10-1	2	172458-03181	LABEL, LIFTING (B=M/#20862)		1						N
11	2	172444-03190	LABEL		1						
12	2	172458-03190	LABEL,OILING		1						
13	2	172141-03202	LABEL,CAUTION		1						
14	2	172450-03200	LABEL,BATTERY		1						
15	2	172458-03200	LABEL,FAN		1						
16	2	172147-03210	LABEL,2 SPEED (B=M/#25604)		1						Z
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172458-03220	LABEL, ACCELERATOR		1						
20	2	172444-03240	LABEL		1						
21	2	172183-03250	LABEL,FUEL		1						
22	2	172524-03271	LABEL, REAR		1						
23	2	172444-03280	LABEL		2						
24	2	172142-03302	LABEL,CAUTION		1						
25	2	172455-03340	LABEL		1						
26	2	172141-03360	LABEL, START SWITCH		1						
27	2	172964-03370	LABEL		1						
28	2	172964-03481	TAG ASSY, CAUTION		1						
29	2	172164-03510	LABEL,LOADING		1						
30	2	172437-03510	LABEL, HOOK		3						
31	2	172164-03540	LABEL		1						
32	2	172519-04180	LABEL,WARNING		1						
33	2	172519-04290	LABEL,WARNING		1						
34	2	172165-03240	LABEL		1						2
35	2	121470-44540	LABEL, SUB-TANK		1						
36	2	172183-03280	LABEL, LOCK		2						
37	2	172444-03290	MAGNET		1						1
38	2	172151-03551	LABEL		1						1
39	2	172458-03140	LABEL, FRONT		1						
40	2	172444-03330	LABEL		1						
41	2	172151-03540	LABEL,PATTERN A		1						
41-1	2	172490-03200	LABEL, OPERATION		1						N

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

Fig.2. LABEL(CANOPY)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



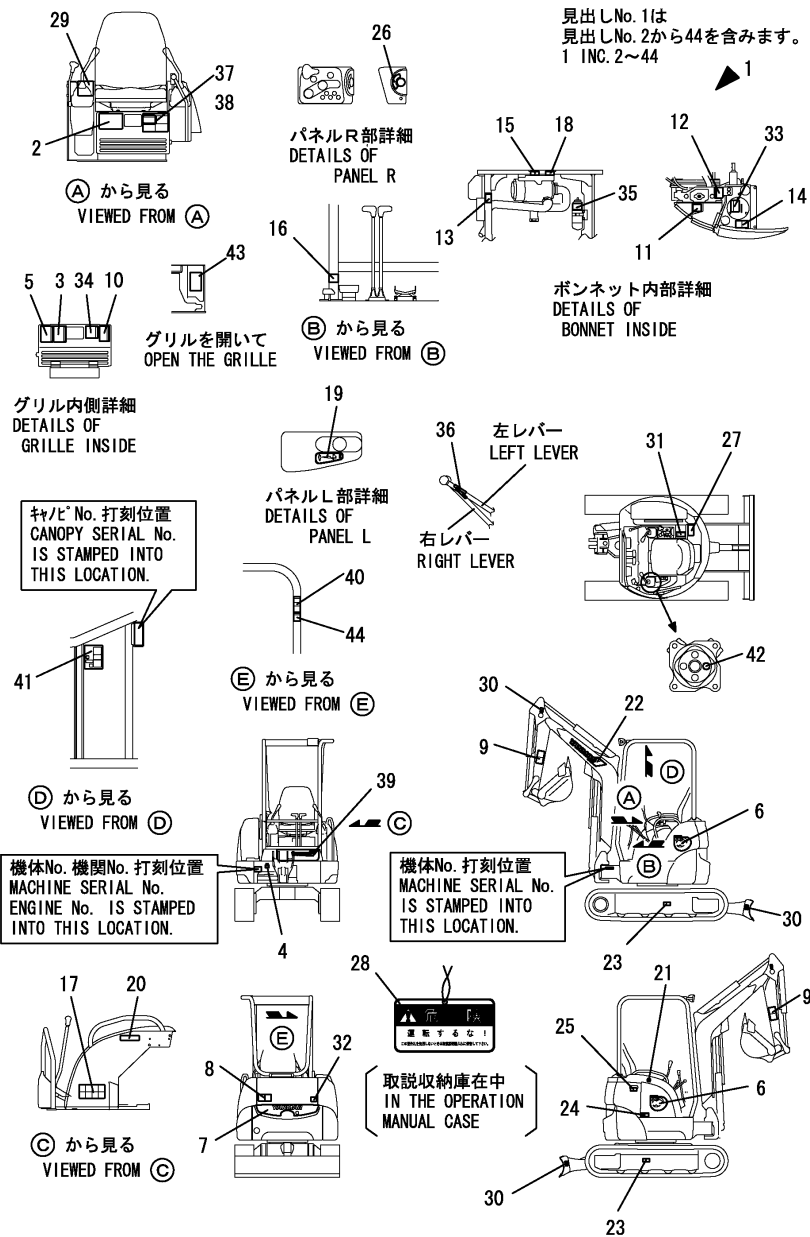
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	2	172173-03250	(B=M/#25604) LABEL		1						W
43	2	172458-03270	(B=M/#20501) LABEL		1						W 3
43-1	2	172490-03210	(B=M/#20580) LABEL, P.T.O.		1						N 3
44	2	172458-03550	(B=M/#25604) LABEL		1						W 4
45	2	172458-03560	(B=M/#20580) LABEL		1						W 4
46	2	172458-03570	(B=M/#20580) LABEL		1						W 4
47	2	172458-03230	(B=M/#21808) LABEL, FUSE		1						
47-1	2	172458-03231	(B=M/#21808) LABEL, HUSE		1						N
48	2	172458-03240	(B=M/#21808) LABEL, LOCK		1						3

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

Fig.3. LABEL(ROPS CANOPY)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



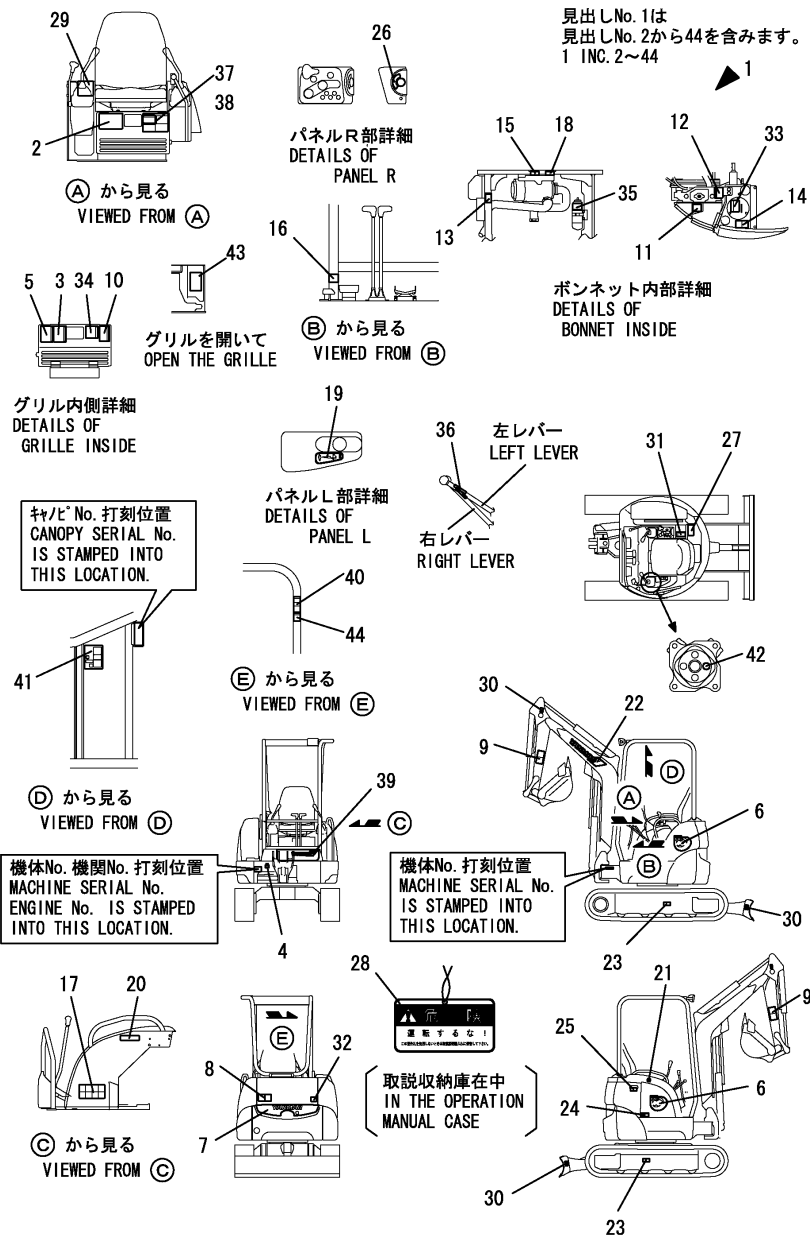
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-03200	LABEL ASSY (JP,ROPS)		1						
1-1	1	772456-03201	LABEL SET(VIO20-2ROP (B=M/#21827)		1						N
2	2	172456-03110	LABEL,SPECIFICATION		1						
2-1	2	172456-03111	LABEL, SPECIFICATION (B=M/#21310)		1						N
2-2	2	172456-03112	LABEL (B=M/#21827)		1						N
3	2	172456-03120	LABEL,OIL & WATER		1						
4	2	172157-03130	LABEL, GREASE		1						
5	2	172458-03130	LABEL,GREASE FEED		1						
6	2	172456-03150	LABEL,MODEL		2						
7	2	172458-03160	LABEL, REAR		1						
8	2	172444-03170	LABEL		1						
9	2	172444-03180	LABEL		2						
10	2	172458-03181	LABEL, LIFTING		1						
11	2	172444-03190	LABEL		1						
12	2	172458-03190	LABEL,OILING		1						
13	2	172141-03202	LABEL,CAUTION		1						
14	2	172450-03200	LABEL,BATTERY		1						
15	2	172458-03200	LABEL,FAN		1						
16	2	172147-03210	LABEL,2 SPEED (B=M/#25604)		1						Z
17	2	172444-03210	LABEL		1						
18	2	172458-03210	LABEL,BELT		1						
19	2	172458-03220	LABEL,ACCELERATOR		1						
20	2	172444-03240	LABEL		1						
21	2	172183-03250	LABEL,FUEL		1						
22	2	172524-03271	LABEL		1						
23	2	172444-03280	LABEL		2						
24	2	172142-03302	LABEL,CAUTION		1						
25	2	172455-03340	LABEL		1						
26	2	172141-03360	LABEL, START SWITCH		1						
27	2	172964-03370	LABEL		1						
28	2	172964-03481	TAG ASSY, CAUTION		1						
29	2	172164-03510	LABEL,LOADING		1						
30	2	172437-03510	LABEL,HOOK		3						
31	2	172164-03540	LABEL		1						
32	2	172519-04180	LABEL,WARNING		1						
33	2	172519-04290	LABEL,WARNING		1						
34	2	172165-03240	LABEL		1						2
35	2	121470-44540	LABEL, SUB-TANK		1						
36	2	172183-03280	LABEL,LOCK		2						
37	2	172444-03290	MAGNET		1						1
38	2	172151-03551	LABEL		1						1
39	2	172460-03140	LABEL,FRONT		1						
40	2	172460-03230	LABEL,SEAT BELT		1						
41	2	172151-03540	LABEL,PATTERN A		1						
41-1	2	172490-03200	LABEL (B=M/#25604)		1						N
41-1	2	172490-03200	LABEL		1						N

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.

Fig.3. LABEL(ROPS CANOPY)(JP)

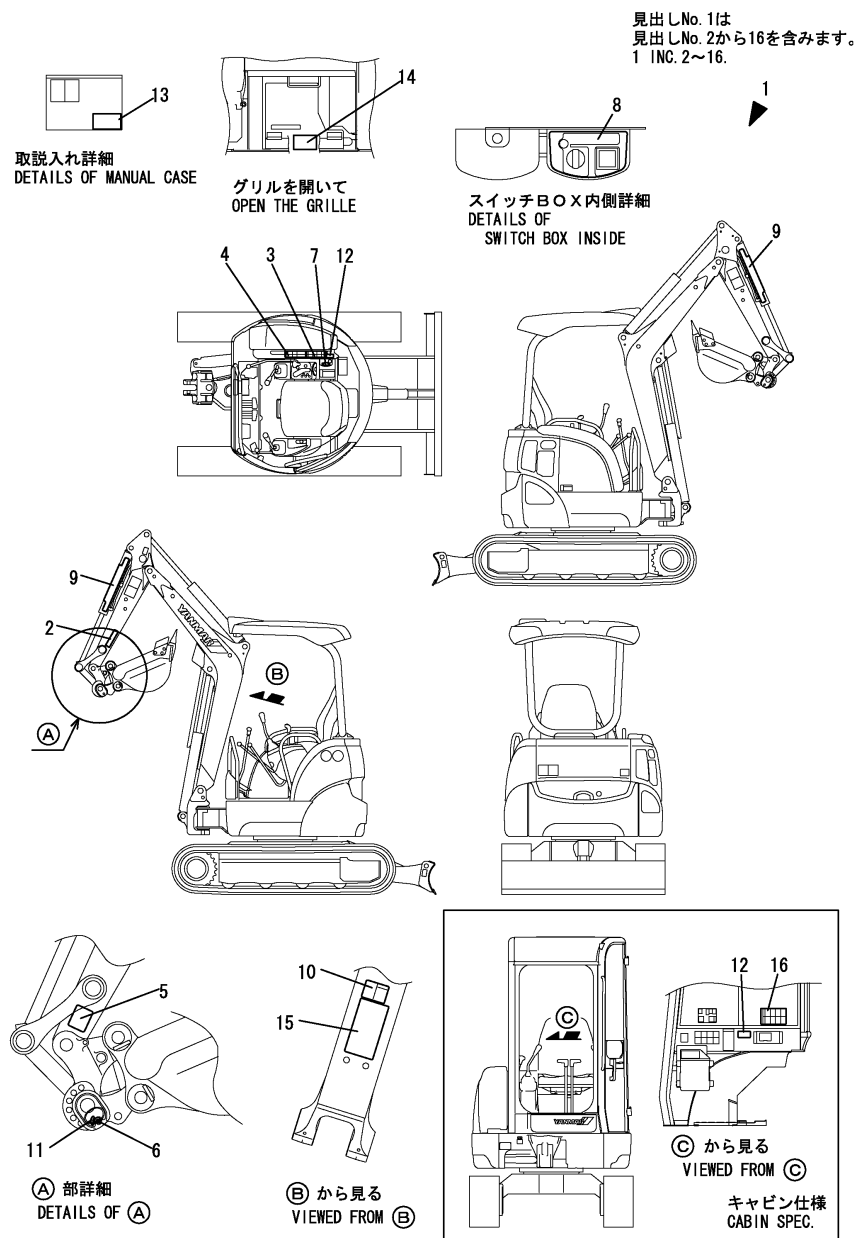
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



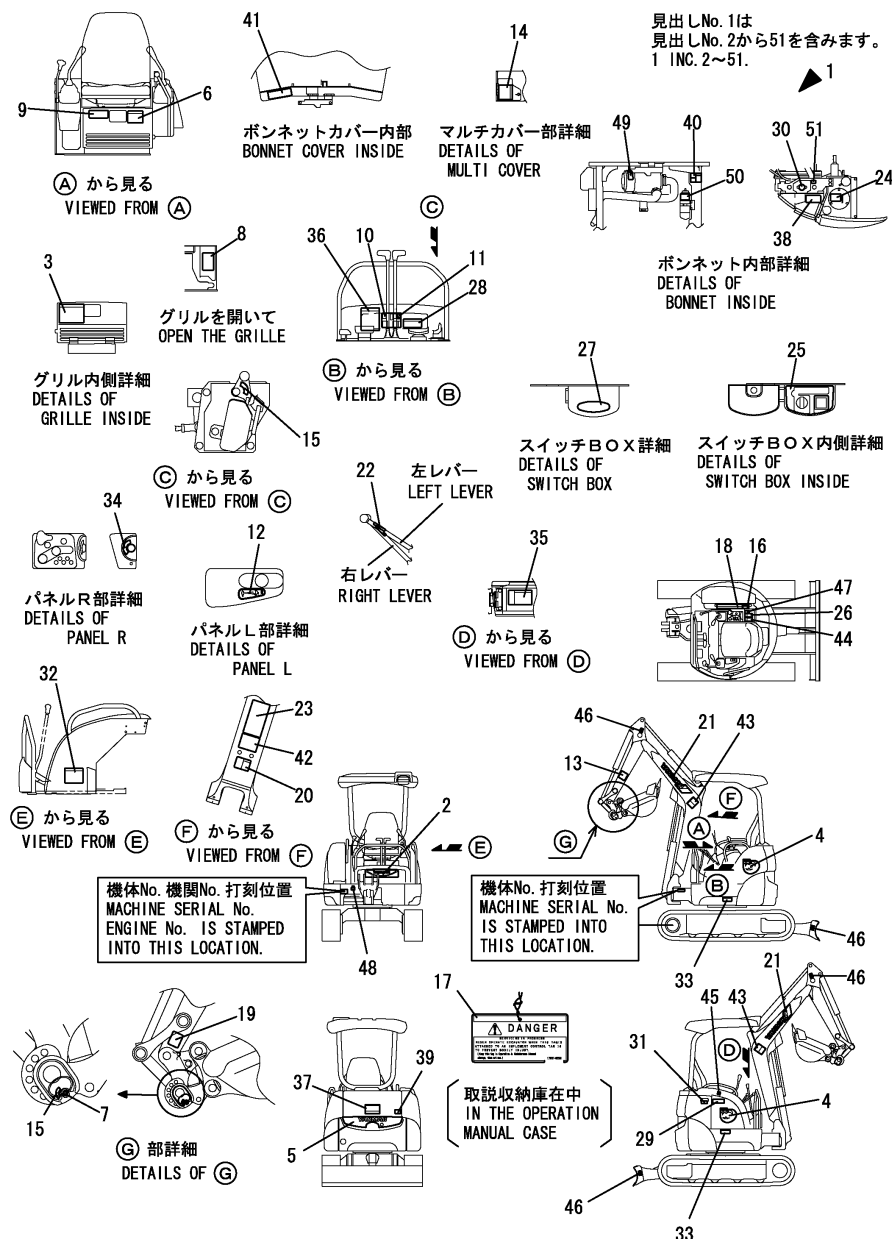
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
41-1	2	172490-03200	(B=M/#25604) LABEL		1						N
			(B=M/#25604)								
42	2	172173-03250	LABEL		1						
43	2	172458-03230	LABEL,FUSE		1						
43-1	2	172458-03231	LABEL, HUSE		1						N
44	2	172460-03240	(B=M/#21808) LABEL,ROPS		1						

Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772956-03100	LABEL ASSY(JP.Q)		1						M
1-1	1	772958-03100	LABEL SET,VIO(QUICK	1	1						
2	2	172958-03110	LABEL	1	1						
3	2	172958-03120	LABEL		1						
4	2	172958-03130	LABEL		1						
5	2	172958-03140	LABEL	1	1						
6	2	172958-03160	LABEL	1	1						
7	2	172958-03180	LABEL	1	1						
8	2	172958-03190	LABEL	1	1						
9	2	172958-03200	LABEL	2	2						
10	2	172958-03220	LABEL	1	1						
11	2	172458-03240	LABEL,LOCK	1	1						
12	2	172958-03230	LABEL,PIN	1	1						W
		(B=M/#20945)									
13	2	172958-03310	LABEL,COLLAR	1	1						W 1
		(B=M/#21004)									
14	2	172958-03300	LABEL,PLUG	1	1						W
		(B=M/#21004)									
15	2	172958-03100	LABEL	1	1						
16	2	172958-03170	LABEL	1							

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



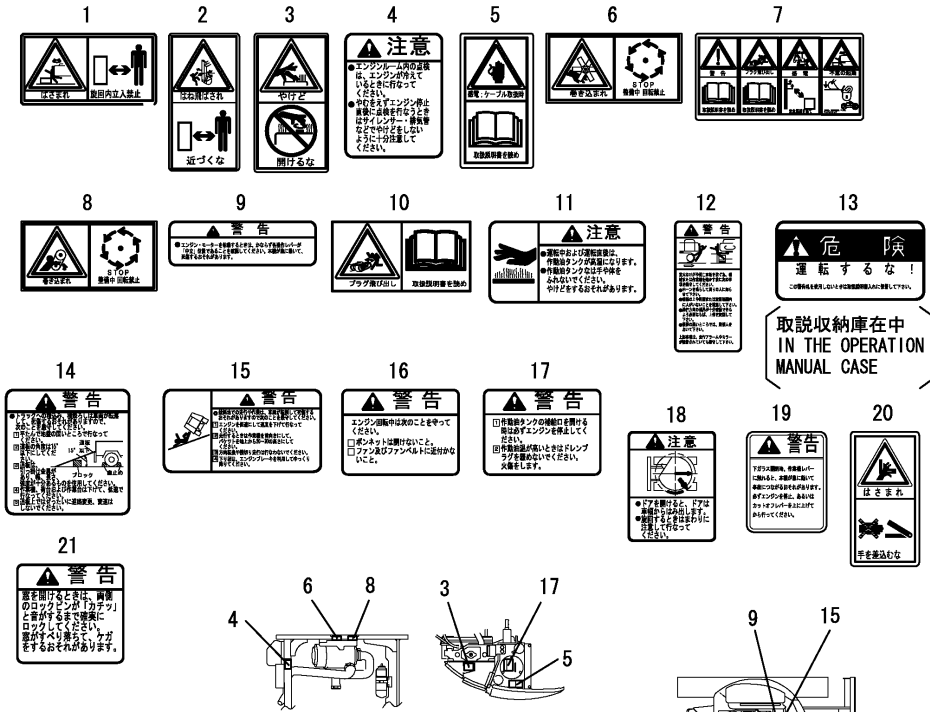
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772469-03140	LABEL ASSY(EX.P)				1				
2	2	172458-03140	LABEL, FRONT				1				
3	2	172469-03140	LABEL,OIL&WATER				1				
4	2	172456-03150	LABEL,MODEL				2				
5	2	172458-03160	LABEL, REAR				1				
6	2	172472-03160	LABEL,GREASE				1				
7	2	172958-03160	LABEL				1				
8	2	172472-03170	LABEL,FUSE				1				
9	2	172469-03201	LABEL,SPECIFICATION				1				
10	2	172490-03200	LABEL				1				
11	2	172490-03210	LABEL, P.T.O.				1				1
12	2	172458-03220	LABEL,ACCELERATOR				1				
13	2	172472-03230	LABEL,OPERATION PIN				1				
14	2	172437-03241	LABEL,CRAWLER				1				2
15	2	172458-03240	LABEL,LOCK				2				
16	2	172472-03240	LABEL,PIN US				1				
17	2	172437-03250	TAG ASSY, CAUTION				1				
18	2	172472-03250	LABEL,OPERATION Q US				1				
19	2	172472-03260	LABEL,FINGER				1				
20	2	172472-03270	LABEL,SAND US				1				
21	2	172524-03271	LABEL				2				
22	2	172183-03280	LABEL,LOCK				2				
23	2	172472-03280	LABEL				1				
24	2	172463-03290	LABEL,HYD.OIL US				1				
25	2	172472-03290	LABEL,SWITCH				1				
26	2	172437-03300	LABEL,MANUAL				1				
27	2	172472-03300	LABEL,COVER				1				
28	2	172437-03310	LABEL,SLOPE				1				
29	2	172437-03321	LABEL,HYD.OIL TANK				1				
30	2	172462-03320	LABEL				1				
31	2	172463-03330	LABEL,COVER				1				
32	2	172437-03341	LABEL,TRANSPORT				1				
33	2	172437-03351	LABEL,GREASE CYL.				2				
34	2	172141-03360	LABEL, START SWITCH				1				
35	2	172437-03360	LABEL,BATTERY				1				
36	2	172437-03371	LABEL				1				
37	2	172437-03380	LABEL,SWING AREA				1				
38	2	172437-03390	LABEL,RADIATOR				1				
39	2	172437-03401	LABEL (ENG COVER US				1				
40	2	172437-03411	LABEL (ENG ROOM US				1				
41	2	172437-03421	LABEL,MUFFLER				1				
42	2	172437-03431	LABEL,STEERING				1				
43	2	172437-03460	LABEL, BOOM				2				
44	2	172437-03470	LABEL,LEVER LOCK				1				
45	2	172437-03500	LABEL,FUEL				1				
46	2	172437-03510	LABEL,HOOK				4				
47	2	172437-03530	LABEL,RE-START				1				
48	2	172157-03740	LABEL				1				
49	2	172125-03950	LABEL, AIR CLEANER				1				
50	2	124764-44810	LABEL,SUB-TANK				1				
51	2	124764-44920	LABEL, ANTI-FREEZING				1				

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

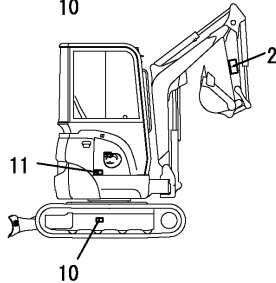
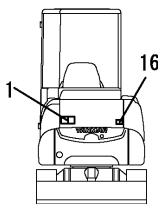
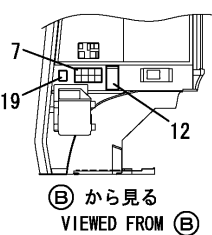
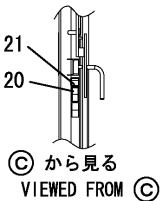
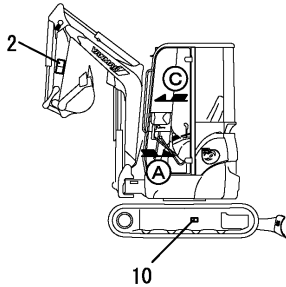
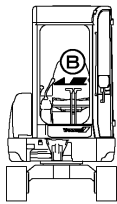
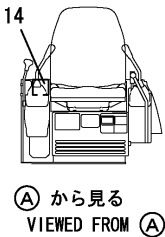
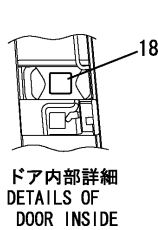
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Remarks
(1)P.T.O. SPEC.
(2)RUBBER CRAWLER SPEC.

Fig.6. SAFETY LABEL(CABIN)(JP)



ボンネット内部詳細
DETAILS OF
BONNET INSIDE

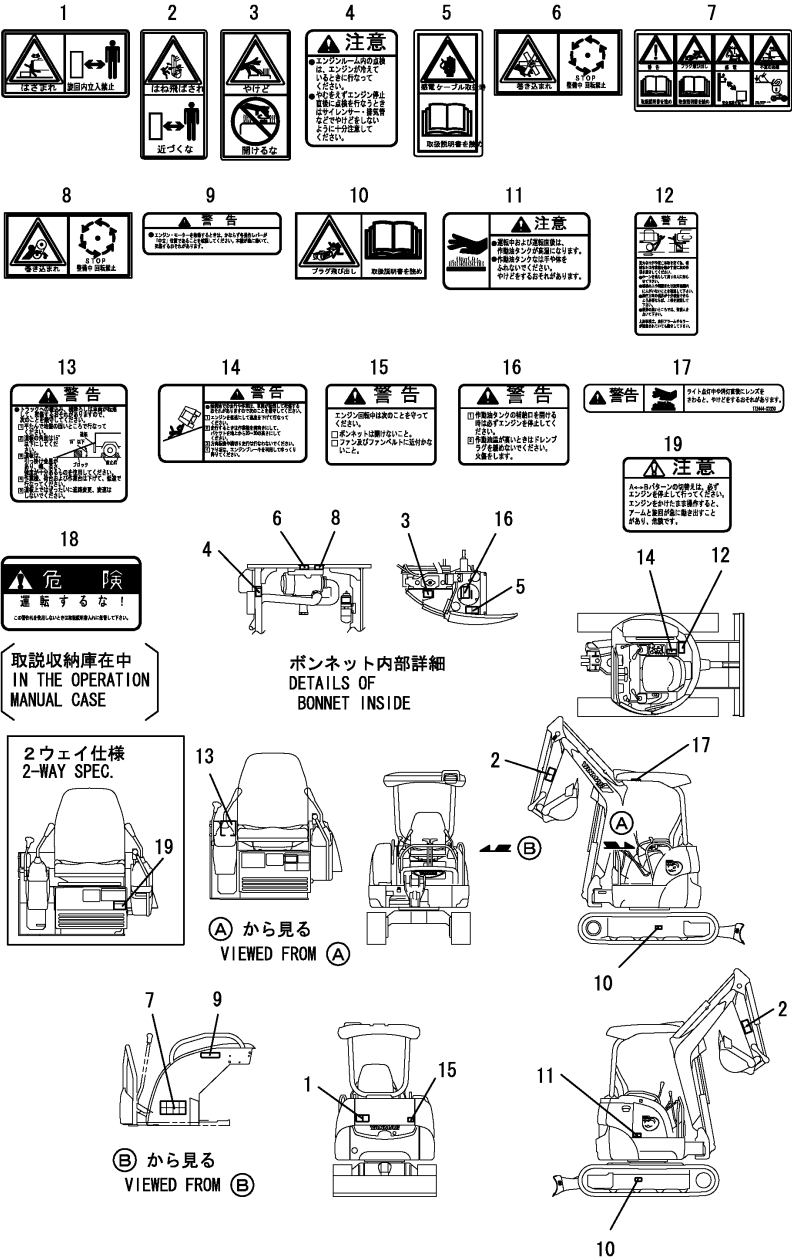


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL	1							
2	1	172444-03180	LABEL	2							
3	1	172444-03190	LABEL	1							
4	1	172141-03202	LABEL,CAUTION	1							
5	1	172450-03200	LABEL,BATTERY	1							
6	1	172458-03200	LABEL,FAN	1							
7	1	172444-03210	LABEL	1							
8	1	172458-03210	LABEL,BELT	1							
9	1	172444-03240	LABEL	1							
10	1	172444-03280	LABEL	2							
11	1	172142-03302	LABEL,CAUTION	1							
12	1	172964-03370	LABEL	1							
13	1	172964-03481	TAG ASSY, CAUTION	1							
14	1	172164-03510	LABEL,LOADING	1							
15	1	172164-03540	LABEL	1							
16	1	172519-04180	LABEL,WARNING	1							
17	1	172519-04290	LABEL,WARNING	1							
18	1	172175-03170	LABEL	1							
19	1	172456-03170	LABEL	1							
20	1	172445-03230	LABEL	1							
21	1	172455-03520	LABEL	1							

Fig.7. SAFETY LABEL(CANOPY)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



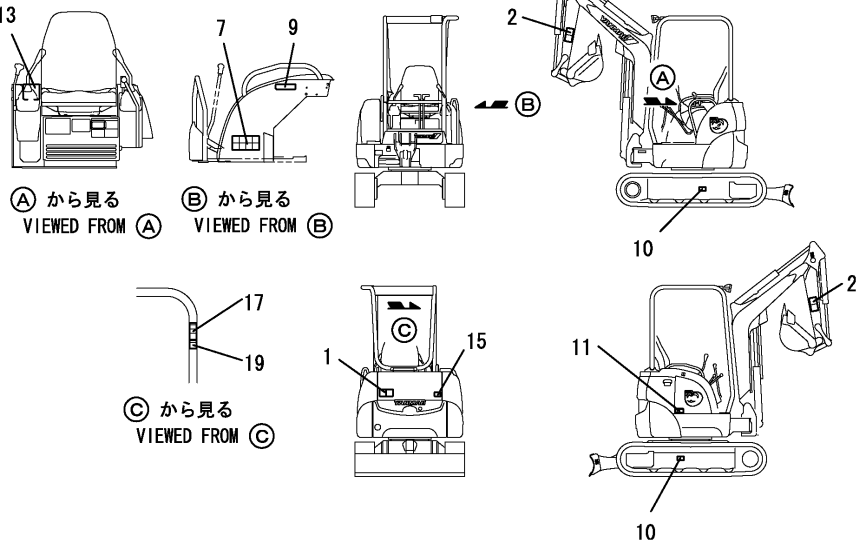
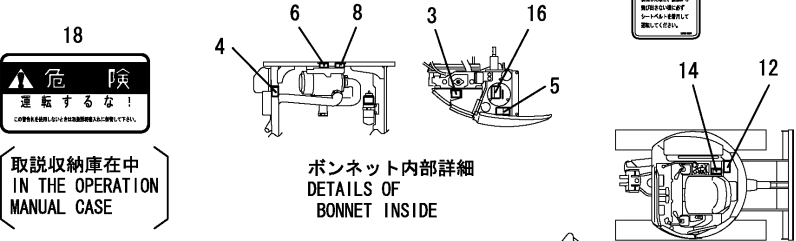
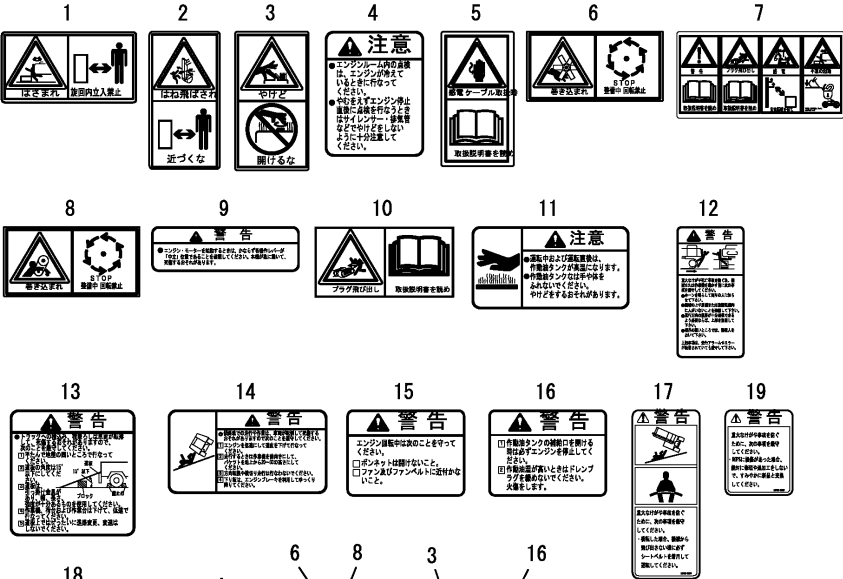
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL		1						
2	1	172444-03180	LABEL		2						
3	1	172444-03190	LABEL		1						
4	1	172141-03202	LABEL,CAUTION		1						
5	1	172450-03200	LABEL,BATTERY		1						
6	1	172458-03200	LABEL,FAN		1						
7	1	172444-03210	LABEL		1						
8	1	172458-03210	LABEL,BELT		1						
9	1	172444-03240	LABEL		1						
10	1	172444-03280	LABEL		2						
11	1	172142-03302	LABEL,CAUTION		1						
12	1	172964-03370	LABEL		1						
13	1	172164-03510	LABEL,LOADING		1						
14	1	172164-03540	LABEL		1						
15	1	172519-04180	LABEL,WARNING		1						
16	1	172519-04290	LABEL,WARNING		1						
17	1	172444-03330	LABEL		1						
18	1	172964-03481	TAG ASSY, CAUTION		1						
19	1	172458-03570	LABEL		1						W 1

(B=M/#20580)

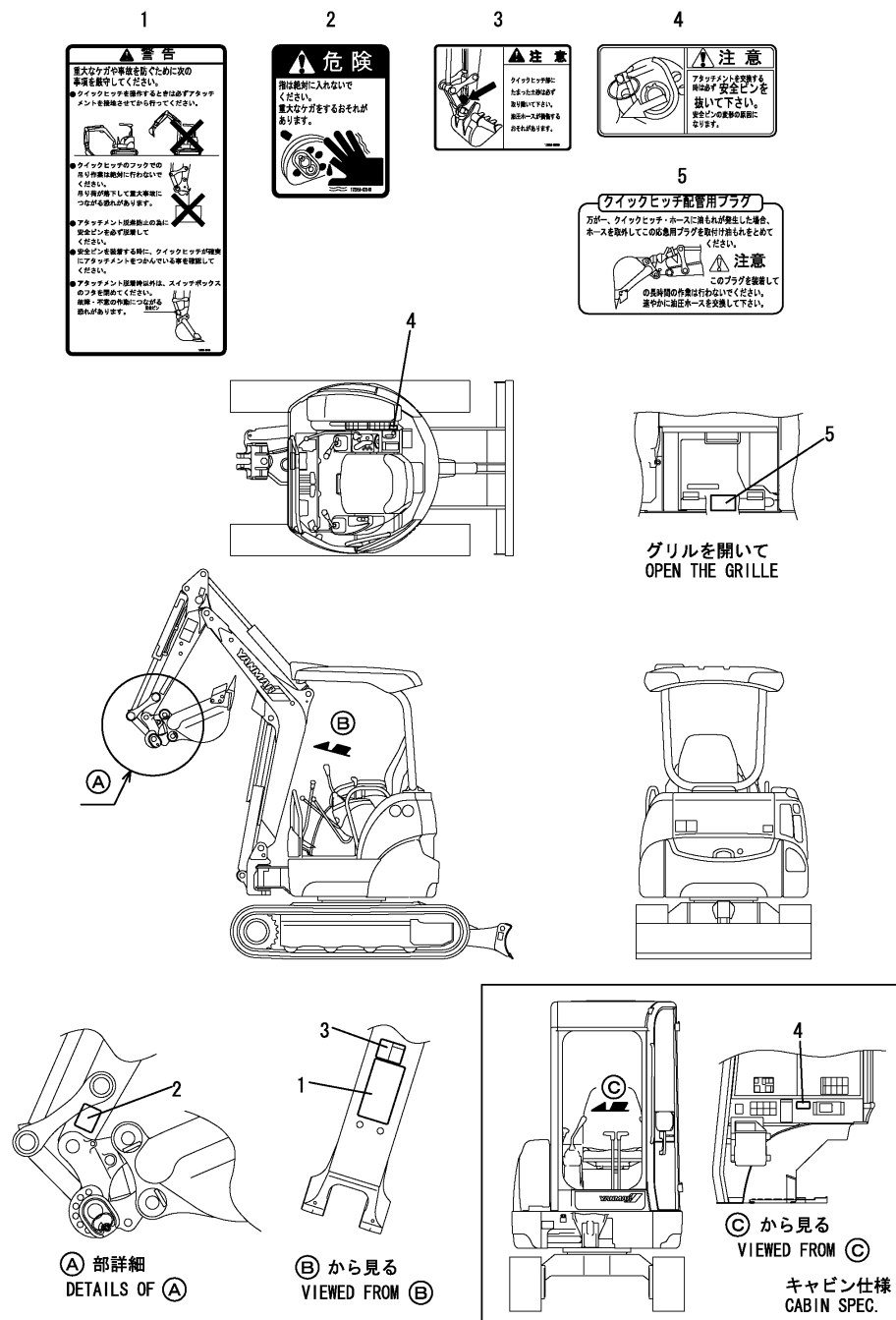
Remarks
(1)2-WAY SPEC.

Fig.8. SAFETY LABEL(ROPS CANOPY)(JP)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(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	172444-03180	LABEL		2						
3	1	172444-03190	LABEL		1						
4	1	172141-03202	LABEL,CAUTION		1						
5	1	172450-03200	LABEL,BATTERY		1						
6	1	172458-03200	LABEL,FAN		1						
7	1	172444-03210	LABEL		1						
8	1	172458-03210	LABEL,BELT		1						
9	1	172444-03240	LABEL		1						
10	1	172444-03280	LABEL		2						
11	1	172142-03302	LABEL,CAUTION		1						
12	1	172964-03370	LABEL		1						
13	1	172164-03510	LABEL,LOADING		1						
14	1	172164-03540	LABEL		1						
15	1	172519-04180	LABEL,WARNING		1						
16	1	172519-04290	LABEL,WARNING		1						
17	1	172460-03230	LABEL,SEAT BELT		1						
18	1	172964-03481	TAG ASSY, CAUTION		1						
19	1	172460-03240	LABEL,ROPS		1						

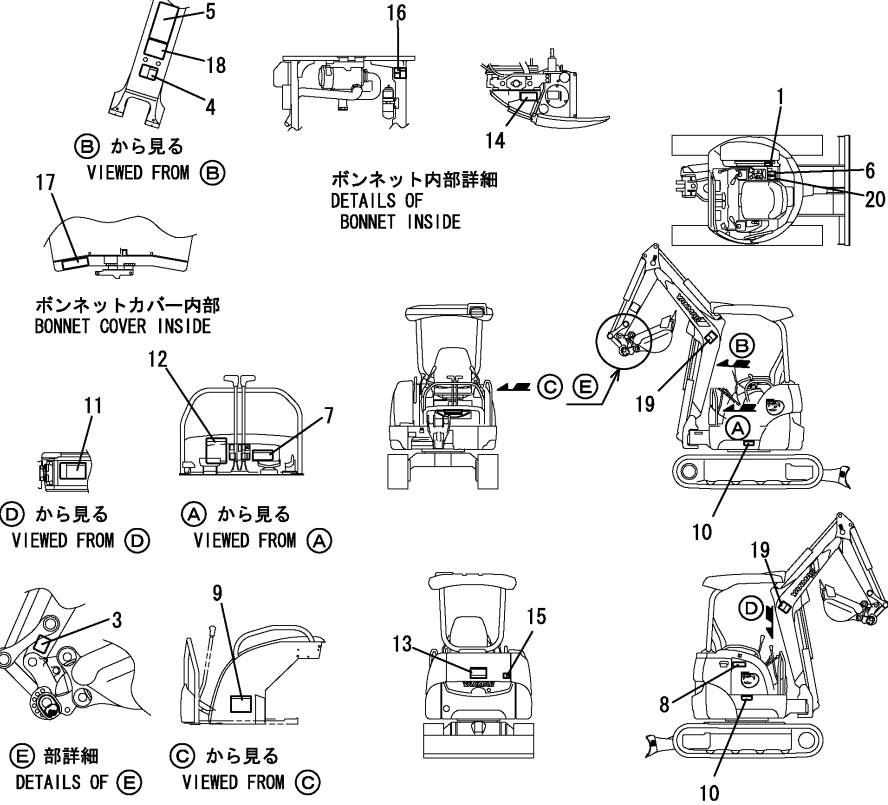
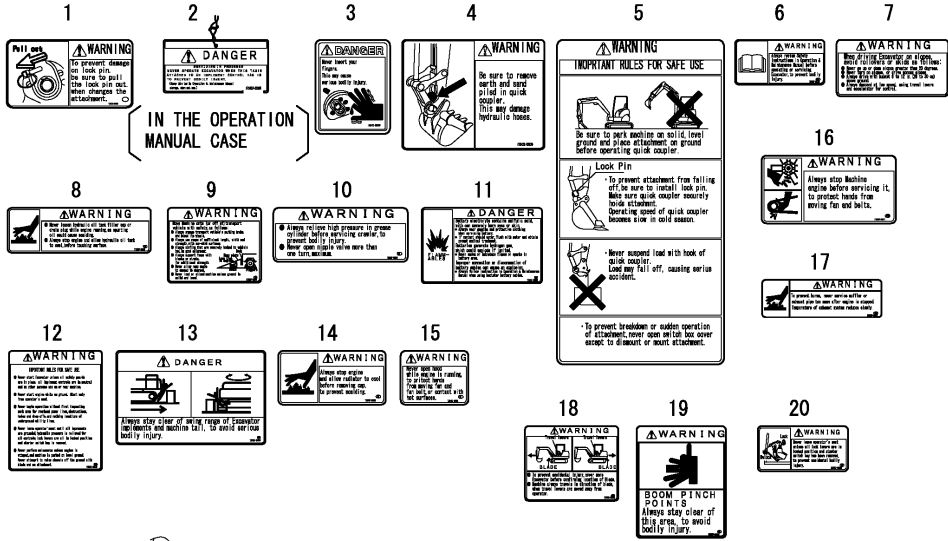


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-03100	LABEL	1	1						
2	1	172958-03140	LABEL	1	1						
3	1	172958-03220	LABEL	1	1						
4	1	172958-03230	LABEL,PIN (B=M/#20945)	1	1						W
5	1	172958-03300	LABEL,PLUG (B=M/#21004)	1	1						W

Fig.10. SAFETY LABEL(CANOPY)(EX)

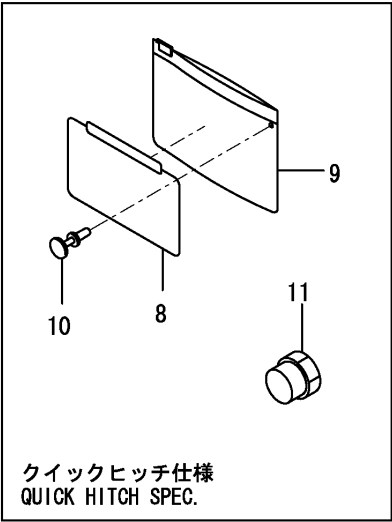
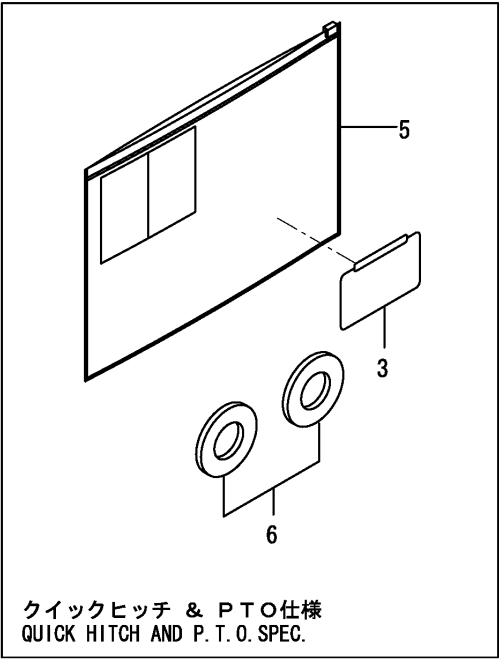
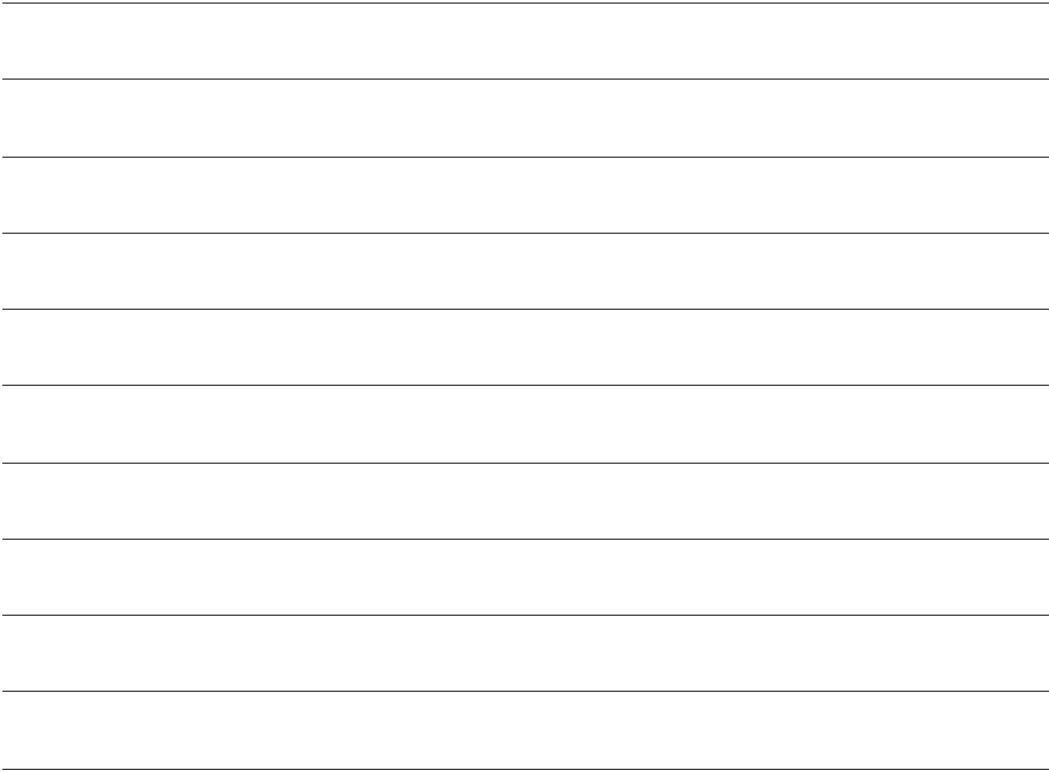
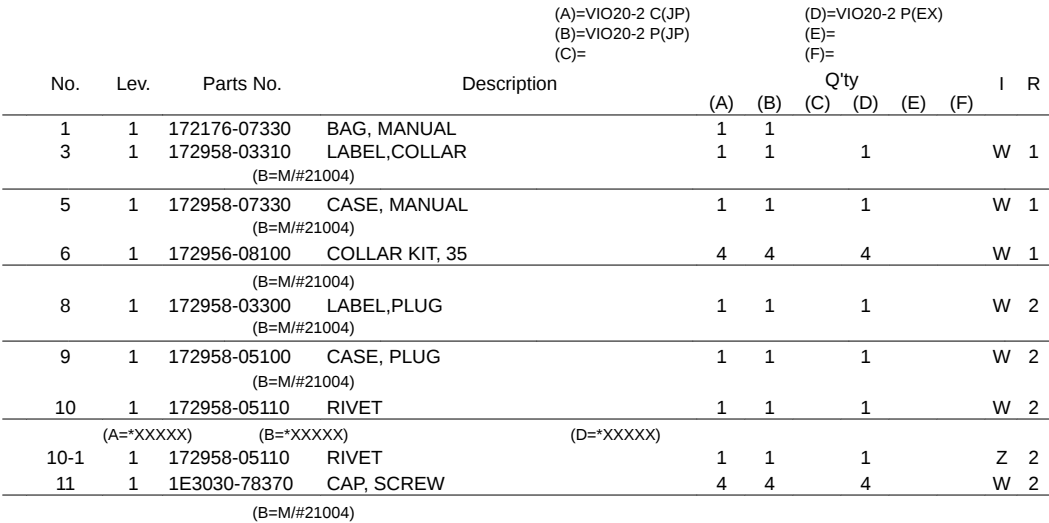
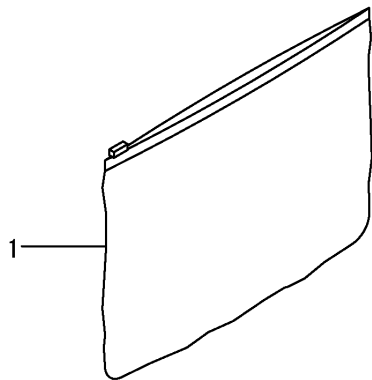
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



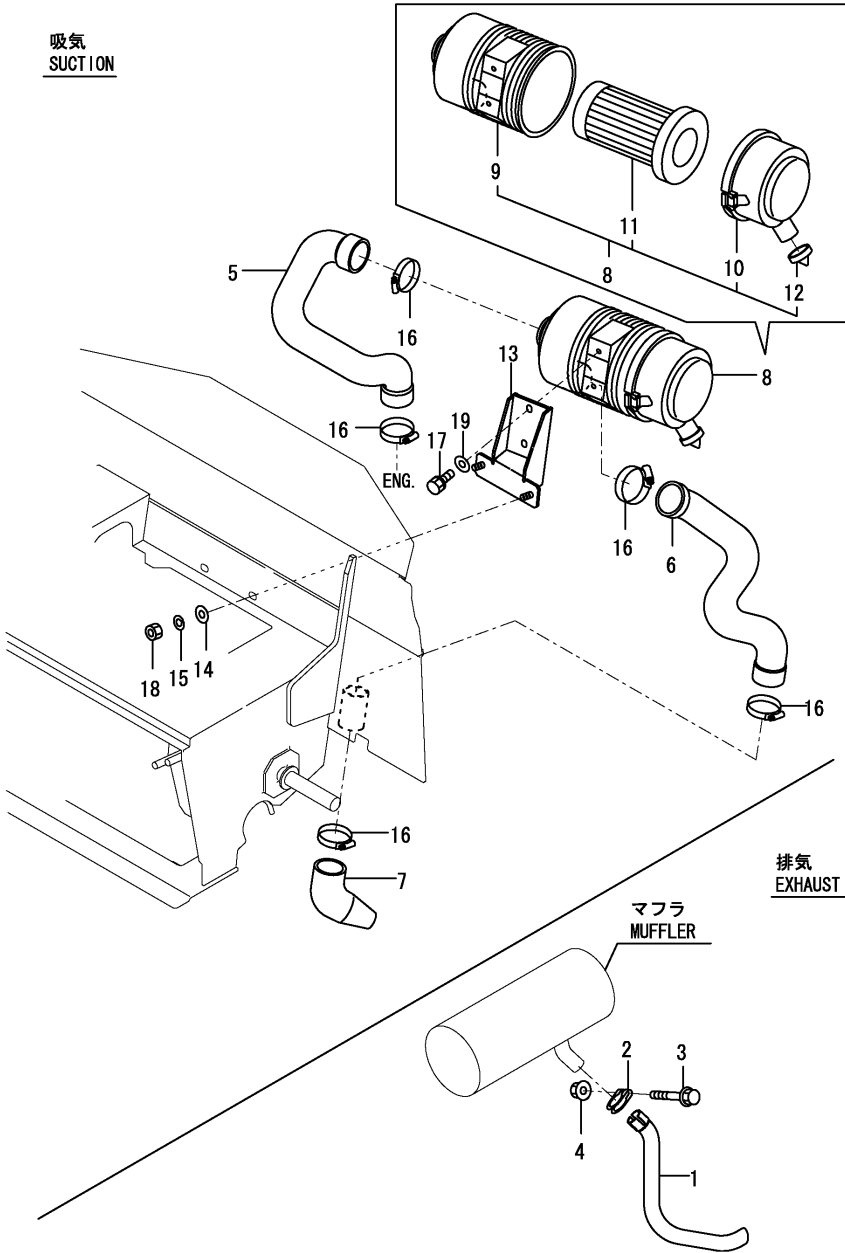
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03240	LABEL,PIN US				1				
2	1	172437-03250	TAG ASSY, CAUTION				1				
3	1	172472-03260	LABEL,FINGER				1				
4	1	172472-03270	LABEL,SAND US				1				
5	1	172472-03280	LABEL				1				
6	1	172437-03300	LABEL,MANUAL				1				
7	1	172437-03310	LABEL,SLOPE				1				
8	1	172437-03321	LABEL,HYD.OIL TANK				1				
9	1	172437-03341	LABEL,TRANSPORT				1				
10	1	172437-03351	LABEL,GREASE CYL.				2				
11	1	172437-03360	LABEL,BATTERY				1				
12	1	172437-03371	LABEL				1				
13	1	172437-03380	LABEL,SWING AREA				1				
14	1	172437-03390	LABEL,RADIATOR				1				
15	1	172437-03401	LABEL (ENG COVER US				1				
16	1	172437-03411	LABEL (ENG ROOM US				1				
17	1	172437-03421	LABEL,MUFFLER				1				
18	1	172437-03431	LABEL,STEERING				1				
19	1	172437-03460	LABEL, BOOM				2				
20	1	172437-03470	LABEL,LEVER LOCK				1				

Fig.11. ACCESSORY



Remarks
(1)QUICK HITCH & P.T.O. SPEC.
(2)QUICK HITCH SPEC.

Fig.12. SUCTION PIPE & EXHAUST PIPE

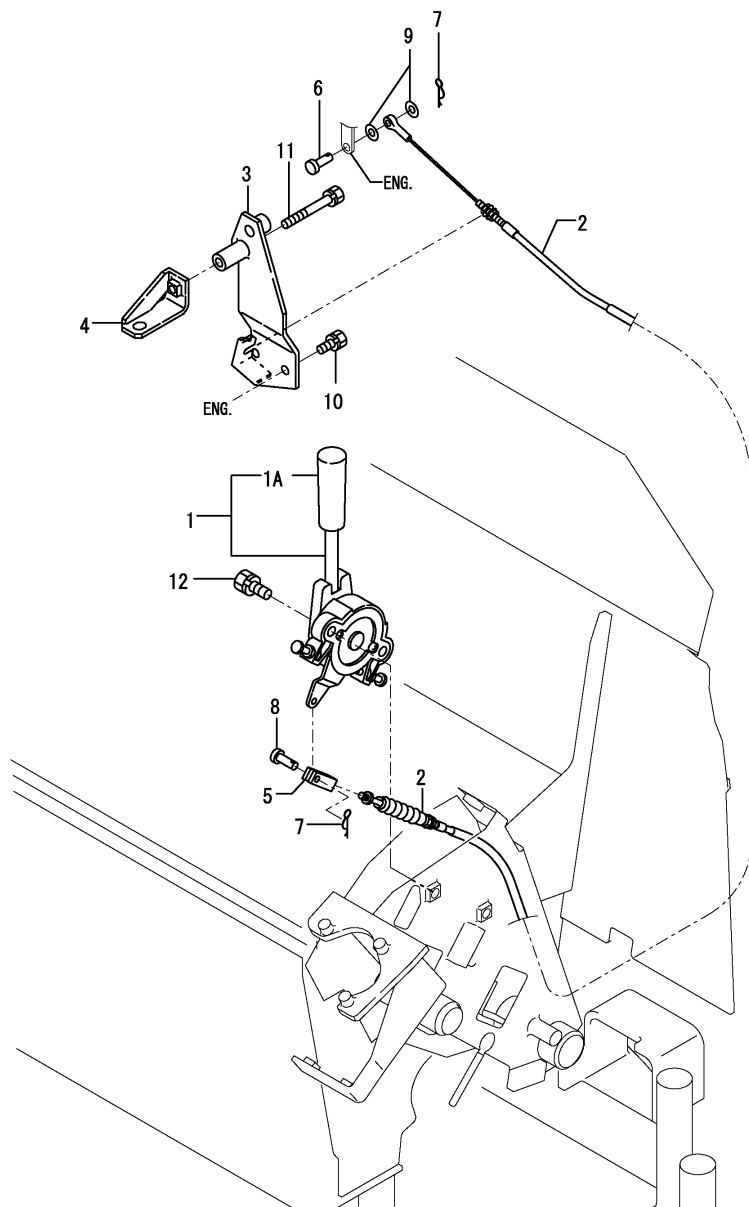


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-11310	PIPE, EXTENSION	1	1		1				
2	1	172173-11561	CLAMP	1	1		1				
3	1	26106-080552	BOLT, M8X 55 PLATED	1	1		1				
4	1	26366-080002	NUT, M8	1	1		1				
5	1	172456-11480	HOSE A,AIR CLEANER	1	1		1				
6	1	172456-11490	HOSE B,AIR CLEANER	1	1		1				
7	1	172456-11500	HOSE C,AIR CLEANER	1	1		1				
8	1	172456-11510	CLEANER ASSY, AIR	1	1		1				
9	2	172456-11590	BODY	1	1		1				
10	2	172456-11600	COVER ASSY	1	1		1				
11	2	129619-12520	ELEMENT		1						M
11-1	2	119808-12520	ELEMENT	1	1		1				
12	2	119808-12540	VALVE, UNLOADER	1	1		1				
13	1	172456-11520	BRACKET	1	1		1				
14	1	22137-100000	WASHER, 10	2	2		2				
15	1	22217-100000	WASHER, SPRING 10	2	2		2				
16	1	23000-060000	CLAMP, 60	5	5		5				
17	1	26013-080202	BOLT, M8X 20	2	2		2				
18	1	26716-100002	NUT, M10	2	2		2				
19	1	22137-080000	WASHER, 8	2	2		2				

Remarks
(M)MISPRINT.

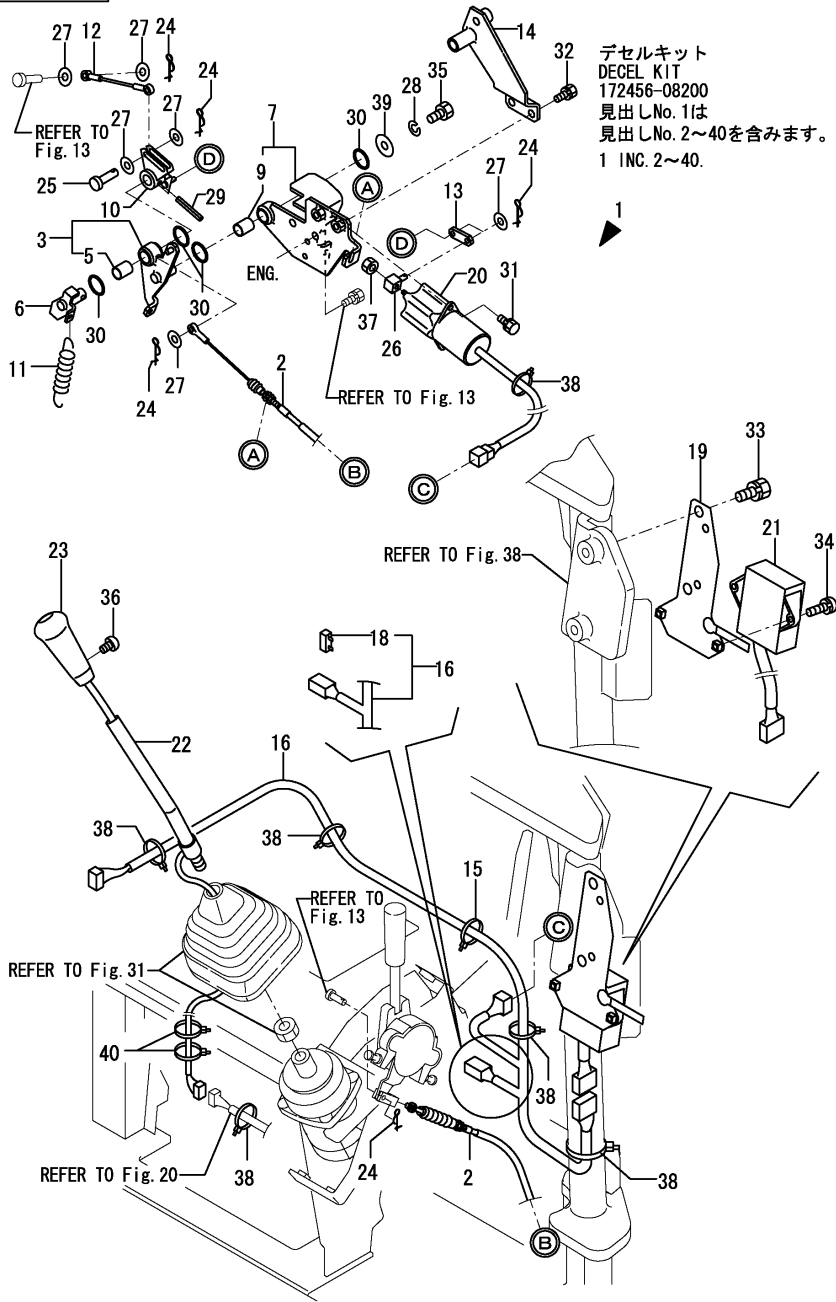
Fig.13. ACCELERATOR



No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172458-12100	LEVER,ACCELERATOR	1	1	1				
1A	2	172A79-12150	GRIP	1	1	1				W
		(A=MXXXXX)	(B=MXXXXX)	(D=MXXXXX)						
2	1	172456-12110	CABLE, ACCELERATOR		1					
2-1	1	172456-12111	CABLE, ACCELERATOR	1	1	1				N
		(B=M/#20785)								
3	1	172456-12120	BRACKET,ACCELERATOR	1	1	1				
4	1	172456-12160	BRACKET	1	1	1				
5	1	172137-12270	JOINT, CABLE	1	1	1				
6	1	172113-12522	PIN	1	1	1				
7	1	1C6281-52310	PIN, SNAP 6	2	2	2				
8	1	1A1040-56900	PIN, 6X17	1	1	1				
9	1	22137-060000	WASHER, 6	2	2	2				
10	1	26013-080162	BOLT, M8X 16	2	2	2				
11	1	26013-080602	BOLT, M8X 60		1					
11-1	1	26013-080502	BOLT, M8X 50	1	1	1				N
		(B=M/#20501)								
12	1	26013-100252	BOLT, M10X 25	2	2	2				

Fig.14. ONE TOUCH DECEL(OPTIONAL)

P/C NEWS No:Y00K3762-4
PUBLISHED:2007/06



デセルキット
DECEL KIT
172456-08200
見出しNo. 1は
見出しNo. 2~40を含みます。
1 INC. 2~40.

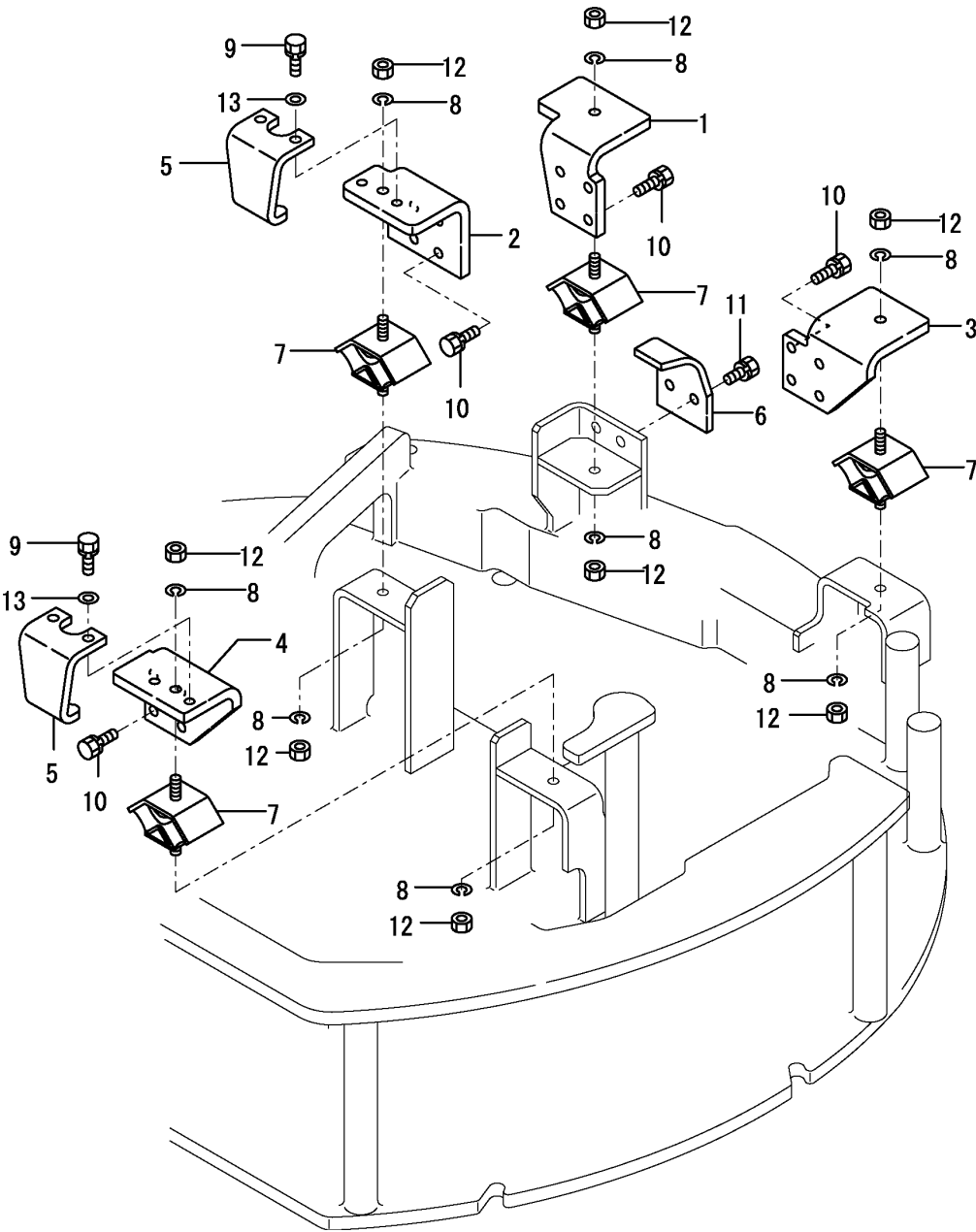
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08200	DECELERATE KIT	1	1						
2	2	172456-12100	CABLE, ACCELERATOR	1	1						
3	2	172164-12160	LINK B CMP	1	1						
5	3	24550-014200	BUSH, 14X20	1	1						
6	2	172164-12200	SHAFT ASSY	1	1						
7	2	172456-12200	BASE ASSY	1	1						
9	3	24550-014200	BUSH, 14X20	1	1						
10	2	172175-12230	LINK A	1	1						
11	2	172175-12350	SPRING, RETURN	1	1						
12	2	172175-12360	CABLE, ACCELERATOR	1	1						
13	2	172175-12370	PLATE	1	1						
14	2	172456-14660	BRACKET	1	1						
15	2	172137-16560	BAND	1	1						
16	2	172460-16570	HARNESS DECEL ASSY	1	1						
18	3	29420-200000	FUSE, B 20A	2	2						
19	2	172460-17110	BRACKET, TIMER	1	1						
20	2	172162-17180	SOLENOID	1	1						
21	2	172190-17220	RELEY, TIMER	1	1						
22	2	172190-45080	LEVER L CMP(DECEL	1	1						
23	2	172176-47870	KNOB	1	1						
24	2	1C6281-52310	PIN, SNAP 6	6	6						
25	2	1A3809-56915	PIN, 6X20	1	1						
26	2	119620-66820	JOINT	1	1						
26-1	2	172A21-12250	JOINT	1	1						N
(A=XXX) (B=XXX)											
27	2	22137-060000	WASHER, 6	7	7						
28	2	22217-100000	WASHER, SPRING 10	1	1						
29	2	22351-040025	PIN, SPRING 4.0X25	1	1						
30	2	24311-000210	O-RING, 1AP21.0	4	4						
31	2	26013-060162	BOLT, M6X 16	2	2						
32	2	26013-080202	BOLT, M8X 20	2	2						
33	2	26013-120252	BOLT, M12X 25	2	2						
34	2	26022-060252	SCREW, M6X25	2	2						
35	2	26116-100162	BOLT, M10X 16 PLATED	1	1						
36	2	26587-040062	SCREW, M4X 6	1	1						
37	2	26716-060002	NUT, M6	1	1						
38	2	933152-09280	BAND 170	6	6						
39	2	933166-17730	WASHER	1	1						
40	2	933168-55770	BAND 146	2	2						

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

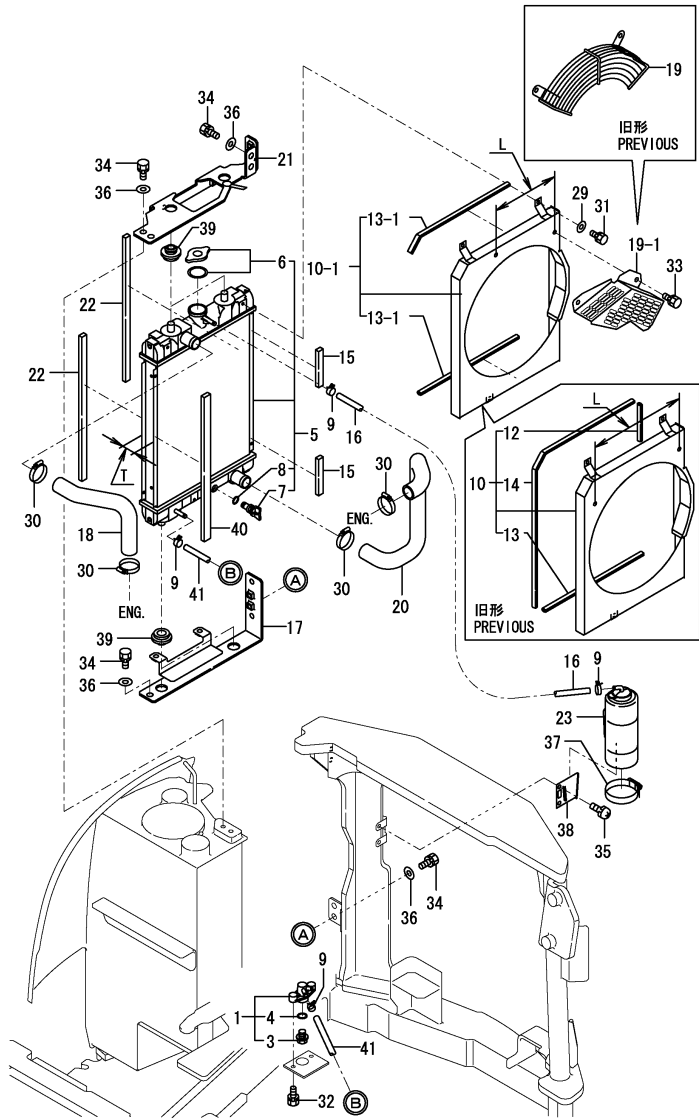


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-13100	MOUNT PF,ENG	1	1		1				
2	1	172456-13110	MOUNT LF,ENG	1	1		1				
3	1	172456-13120	MOUNT RR,ENG	1	1		1				
4	1	172456-13130	MOUNT LR,ENG	1	1		1				
5	1	172456-13140	STOPPER	2	2		2				
6	1	172456-13150	STOPPER	1	1		1				
7	1	172179-13210	CUSHION		4						
7-1	1	172179-13211 (B=M/#21808)	RUBBER, ANTI VIBRAT.	4	4		4			N	
8	1	22217-100000	WASHER, SPRING 10	8	8		8				
9	1	26013-100252	BOLT, M10X 25	4	4		4				
10	1	26013-100252	BOLT, M10X 25	16	16		16				
11	1	26013-120202	BOLT, M12X 20		2						
11-1	1	26013-100202 (B=M/#20501)	BOLT, M10X 20	2	2		2			N	
12	1	26716-100002	NUT, M10	8	8		8				
13	1	194145-04810 (B=M/#20501)	WASHER 10	4	4		4			W	

Fig.16. RADIATOR & MOUNT

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

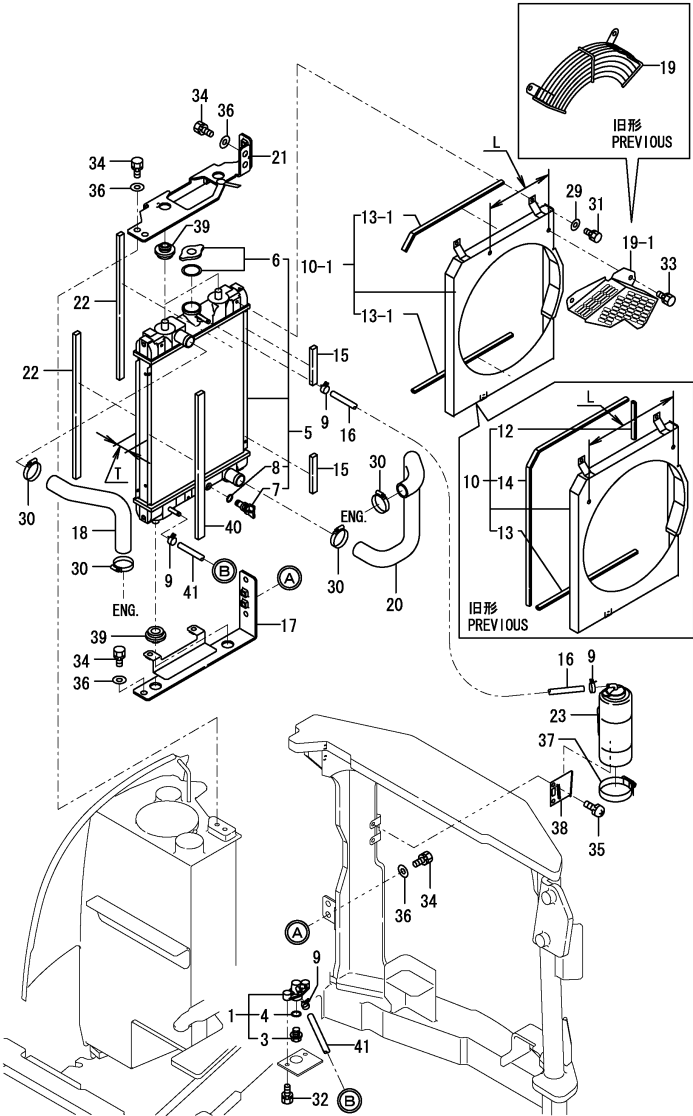
(D)=VIO20-2 P(EX)
(E)=
(F)=



Remarks
(1)T=REF.NO.5:36MM,NO.5-1:27MM.
(2)L=REF.NO.10:270MM,NO.10-1:188MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.19-1.
(3)REF.NO.40-1:400X15X10MM.
REF.NO.40-2:390X 8X 5MM.
(M)MISPRINT.

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		1				
3	2	121250-49121	PLUG, DRAIN	1	1		1				
4	2	24311-000160	O-RING, 1AP16.0	1	1		1				
5	1	172456-13300	RADIATOR ASSY		1						
5-1	1	172487-13300	RADIATOR	1	1		1			S	1
(B=M/#21858)											
6	2	172456-13310	CAP ASSY	1	1		1				
7	2	172456-13320	COCK	1	1		1				
8	2	172456-13330	O-RING	1	1		1				
9	1	124766-59050	CLIP, HOSE 12	4	4		4				
10	1	172456-13340	SHROUD ASSY		1						
10-1	1	172456-13341	SHROUD ASSY	1	1		1			F	2
(B=M/#21858)											
12	2	172456-13470	RUBBER 100		2						Z
(B=M/#21858)											
13	2	172456-13480	TRIM		1						
13-1	2	172456-13480	TRIM	2	2		2				K
(B=M/#21858)											
14	2	172183-65541	SEAL, CANOPY		1						Z
(B=M/#21858)											
15	1	172456-13350	SEAL, RADIATOR		2						Z
(B=M/#21858)											
16	1	172157-13381	HOSE	1	1		1				
17	1	172456-13380	BRACKET B		1						
17-1	1	172456-13381	BRACKET B ASSY	1	1		1				N
(B=M/#21637)											
18	1	172456-13450	PIPE, WATER		1						
18-1	1	172456-13451	PIPE, WATER	1	1		1				N
(B=M/#21637)											
19	1	172422-13460	NET, WIRE		1						
19-1	1	172487-13460	GUARD, FAN	1	1		1				S
(B=M/#21858)											
20	1	172456-13460	PIPE, WATER	1	1		1				
21	1	172456-13500	BRACKET A		1						
21-1	1	172456-13501	BRACKET A ASSY	1	1		1				N
(B=M/#21637)											
22	1	172165-18940	SEAL		1						M
22-1	1	172458-13320	SEAL, RADIATOR		2						
22-2	1	172487-13500	SEAL, RADIATOR	2	2		2				N
(B=M/#21637)											
23	1	119813-44510	TANK ASSY	1	1		1				
29	1	22137-060000	WASHER, 6	3	3		3				
30	1	23010-038000	CLAMP, 38		4						M
30-1	1	23000-041000	CLAMP, 41		4						M
30-2	1	23001-041000	CLAMP, HOSE 41	4	4		4				
31	1	26013-060162	BOLT, M6X 16	3	3		3				
32	1	26013-080162	BOLT, M8X 16	2	2		2				
33	1	26013-080162	BOLT, M8X 16	2	2		2				
34	1	26013-100202	BOLT, M10X 20		7						
34-1	1	26013-100202	BOLT, M10X 20	4	4		4				K
(B=M/#21637)											

Fig.16. RADIATOR & MOUNT



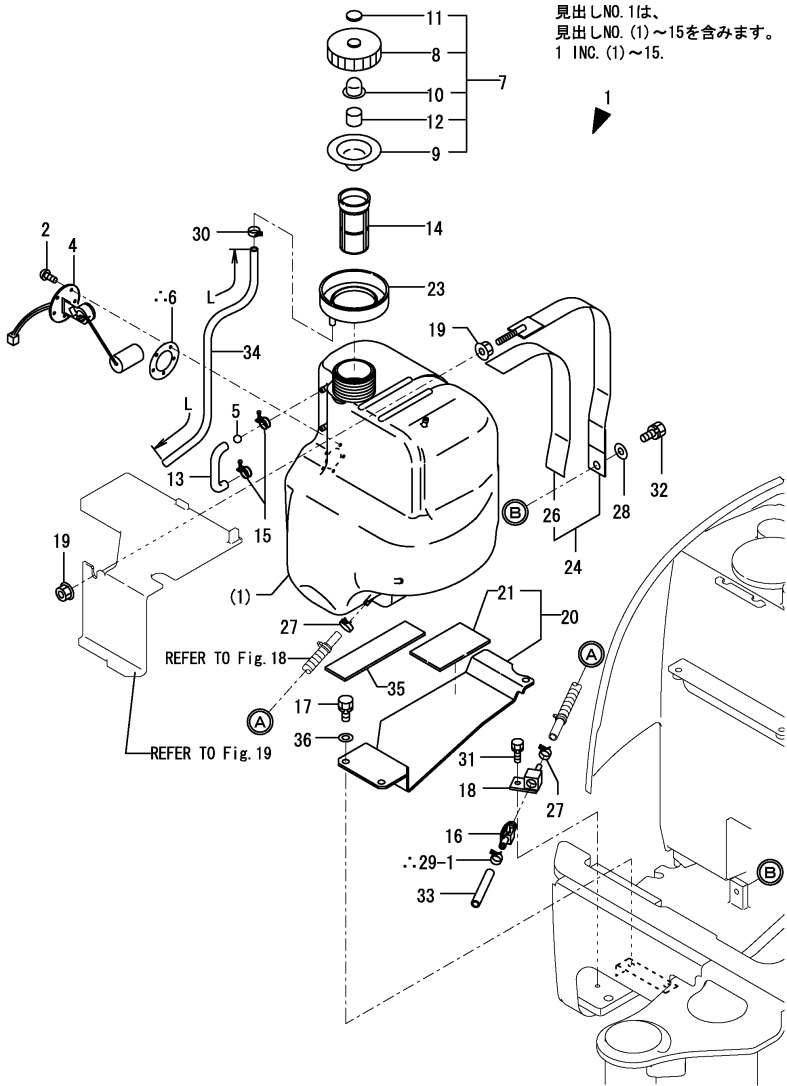
Remarks
(1)T=REF.NO.5:36MM,NO.5-1:27MM.
(2)L=REF.NO.10:270MM,NO.10-1:188MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.19-1.
(3)REF.NO.40-1:400X15X10MM.
REF.NO.40-2:390X 8X 5MM.
(M)MISPRINT.

OCK10-M37602 Fig.16
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
35	1	26022-080162	SCREW, M8X16	2	2		2				
36	1	22137-100000	WASHER, 10		7						
36-1	1	22137-100000	WASHER, 10	4	4		4			K	
(B=M/#21637)											
37	1	124450-44550	BAND	1	1		1				
38	1	121256-44600	BRACKET, SUB TANK	1	1		1				
39	1	119255-44660	ABSORBER	4	4		4				
40	1	172164-54770	SEAL, FRAME				1				M
40-1	1	172458-13390	SEAL, RADIATOR				1				
40-2	1	172487-13450	SEAL	2	2		2			S	3
(B=M/#21858)											
41	1	172734-14620	PIPE L=300, FUEL	1	1		1				

Fig.17. FUEL TANK

P/C NEWS No:Y00K3762-3
PUBLISHED:2005/08



∴印が今回変更(追記)した個所です。
∴MARKED PART HAS BEEN CHANGED (ADDED).

Remarks
(1)L=REF.NO.34-1:700MM,NO.34-2:670MM.
(M)MISPRINT.

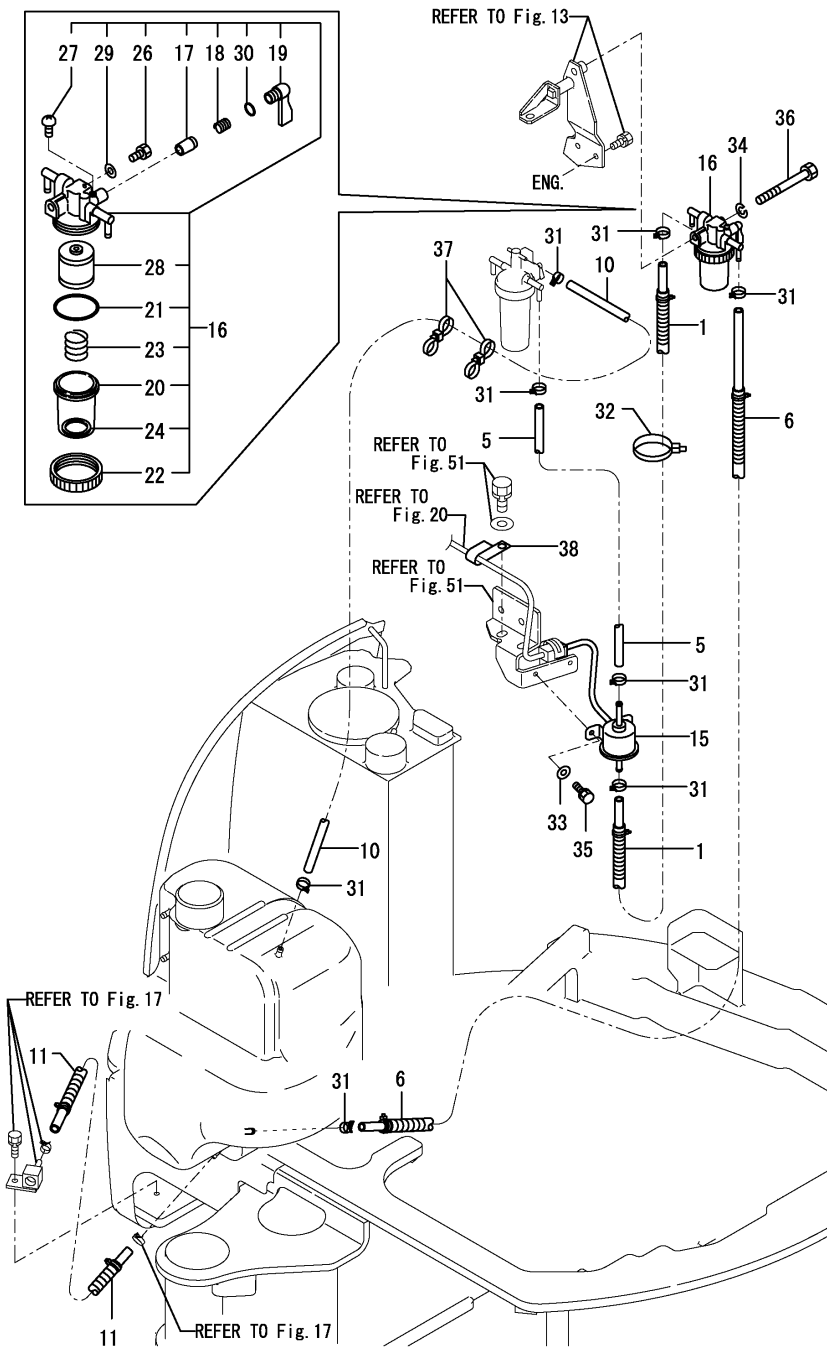
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-14110	TANK ASSY, FUEL		1						
1-1	1	772456-14111	TANK ASSY, FUEL	1	1		1			N	
(B=M/#21074)											
2	2	26557-050122	SCREW, M5X12		5						
2-1	2	26022-050122	SCREW, M5X12	5	5		5			N	
(B=M/#21169)											
4	2	172456-14150	GAUGE, FUEL	1	1		1				
5	2	172447-14160	FLOAT	1	1		1				
6	2	172162-14200	GASKET	1	1		1				
7	2	172444-14200	CAP, FUEL	1	1		1				
8	3	172444-14450	CAP	1	1		1				
9	3	172444-14460	GASKET	1	1		1				
10	3	172444-14470	GASKET	1	1		1				
11	3	172444-14480	WASHER	1	1		1				
12	3	172444-14490	SPONGE	1	1		1				
13	2	172458-14201	HOSE,FUEL GAUGE		1						
13-1	2	172458-14202	HOSE, FUEL GAUGE	1	1		1			N	
(B=M/#21074)											
14	2	172183-14250	FILTER (FUEL	1	1		1				
15	2	23010-014000	CLAMP, 14		2						
15-1	2	23000-013000	CLAMP, 13	2	2		2			N	
(B=M/#20501)											
16	1	104200-11920	COCK, WATER	1	1		1				
17	1	26013-100202	BOLT, M10X 20	3	3		3				
18	1	172444-14270	JOINT, DRAIN	1	1		1				
19	1	26367-100002	NUT, M10	2	2		2				
20	1	172456-14340	PLATE ASSY(GREEN:97)	1	1		1				
20-1	1	172456-14341	PLATE ASSY	1	1		1			N	
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
21	2	172444-14130	PLATE A	1	1		1				
23	1	172458-14370	SUMP, FUEL	1	1		1				
24	1	172456-14300	CLAMP ASSY, FUEL	1	1		1				
26	2	172456-14330	RUBBER, CLAMP	1	1		1				
27	1	124766-59050	CLIP, HOSE 12	2	2		2				
28	1	22137-100000	WASHER, 10	1	1		1				
29-1	1	23080-013000	CLAMP, 13	1	1		1				
30	1	23080-013000	CLAMP, 13	1	1		1				
31	1	26013-080202	BOLT, M8X 20	1	1		1				
32	1	26013-100202	BOLT, M10X 20	1	1		1				
33	1	172444-14410	HOSE	1	1		1				
34	1	172187-14510	HOSE		1						
34-1	1	172456-14650	HOSE 9.5X700	1	1		1			N	
(B=M/#20501)											
34-2	1	172444-14260	HOSE,FUEL	1	1		1			S	1
(B=M/#21745)											
35	1	172458-14340	RUBBER PLATE A,FO	1	1		1			W	
(B=M/#20501)											
36	1	22137-100000	WASHER, 10	3	3		3			W	
(B=M/#20580)											

Fig.18. FUEL LINE

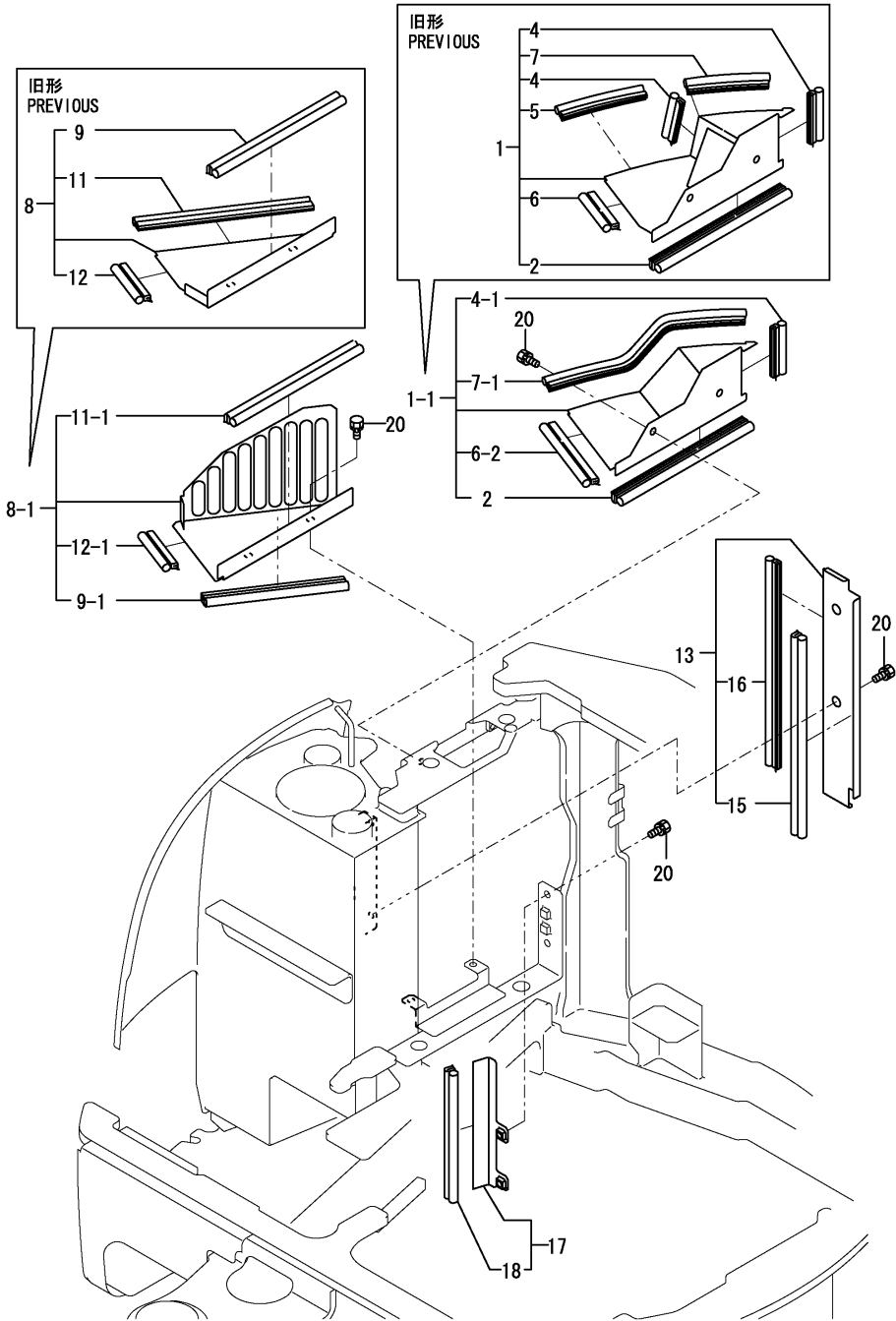
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(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



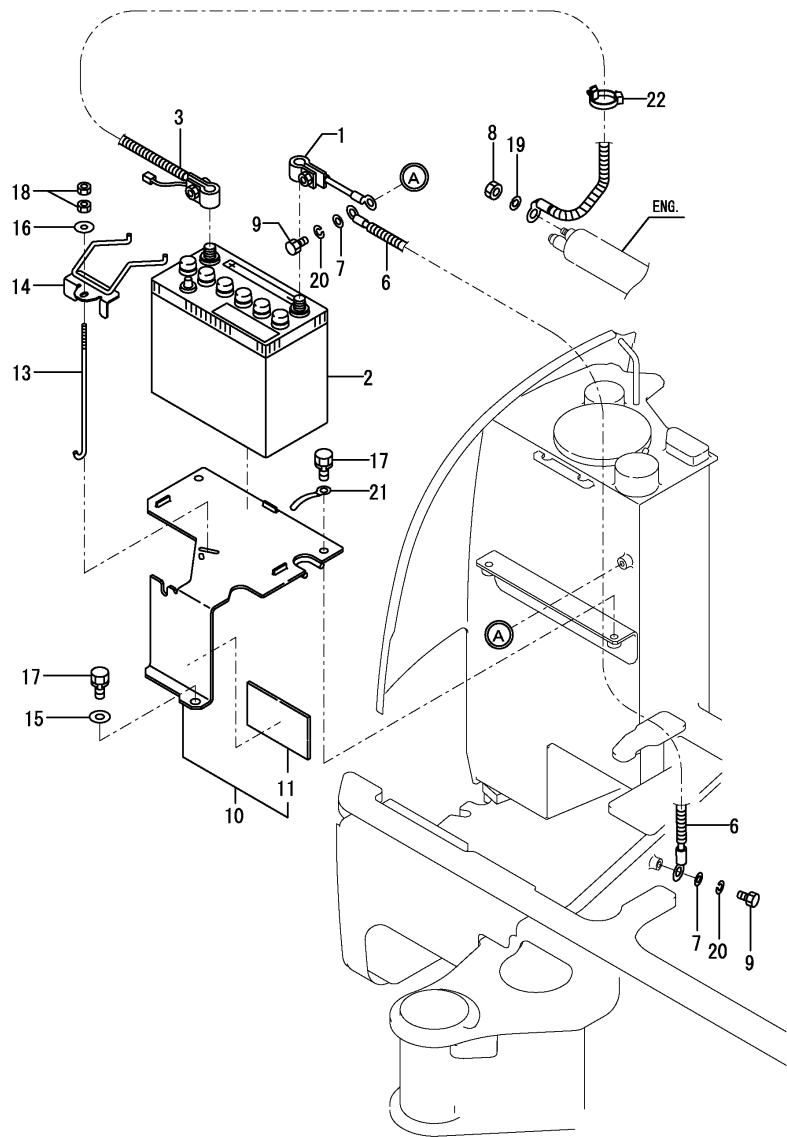
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-13810	HOSE	1	1		1				
5	1	172171-14610	HOSE, FUEL	1	1		1				
6	1	172456-14610	HOSE,FO1470 ASSY	1	1		1				
10	1	172122-14620	PIPE, FUEL	1	1		1				
10-1	1	172A23-14100	PIPE (C), FUEL	1	1		1				N
(A=MXXXXX)											
10-2	1	172487-14520	HOSE	1	1		1				N
(A=MZZZZZ) (B=MZZZZZ)											
11	1	172456-14630	HOSE,FO 150 ASSY	1	1		1				
15	1	129612-52100	PUMP ASSY, FUEL FEED	1	1		1				
16	1	129335-55700	SEPARATOR ASSY,WATER	1	1		1				
17	2	104200-55321	VALVE, TAPER	1	1		1				
18	2	104200-55330	SPRING, VALVE	1	1		1				
19	2	104200-55341	HANDLE	1	1		1				
20	2	124064-55510	COVER	1	1		1				
21	2	102103-55520	O-RING	1	1		1				
22	2	110250-55610	RING, RETAINING	1	1		1				
23	2	121257-55720	SPRING	1	1		1				
24	2	121257-55731	FLOAT	1	1		1				
26	2	101720-55750	PLUG, 6	2	2		2				
27	2	104200-55750	SCREW, M4	1	1		1				
28	2	171081-55910	SCREEN	1	1		1				
29	2	23418-060000	GASKET, 6X1.0	2	2		2				
30	2	24311-240100	O-RING, 1AP10A	1	1		1				
31	1	124766-59050	CLIP, HOSE 12	8	8		8				
32	1	172122-79930	CLAMP, HOSE	1	1		1				
33	1	22137-060000	WASHER, 6	2	2		2				
34	1	22217-080000	WASHER, SPRING 8	1	1		1				
35	1	26013-060162	BOLT, M6X 16		2						
35-1	1	26013-060202	BOLT, M6X 20	2	2		2				S
(B=M/#20508)											
36	1	26116-080702	BOLT, M8X 70 PLATED	1	1		1				
37	1	172137-16560	BAND	2	2		2				
37-1	1	172126-11510	BAND	5	5		5				N
(A=MZZZZZ) (B=MZZZZZ)											
38	1	172126-16540	CLAMP	1	1		1				W
(B=M/#21637)											

Fig.53. DUCT



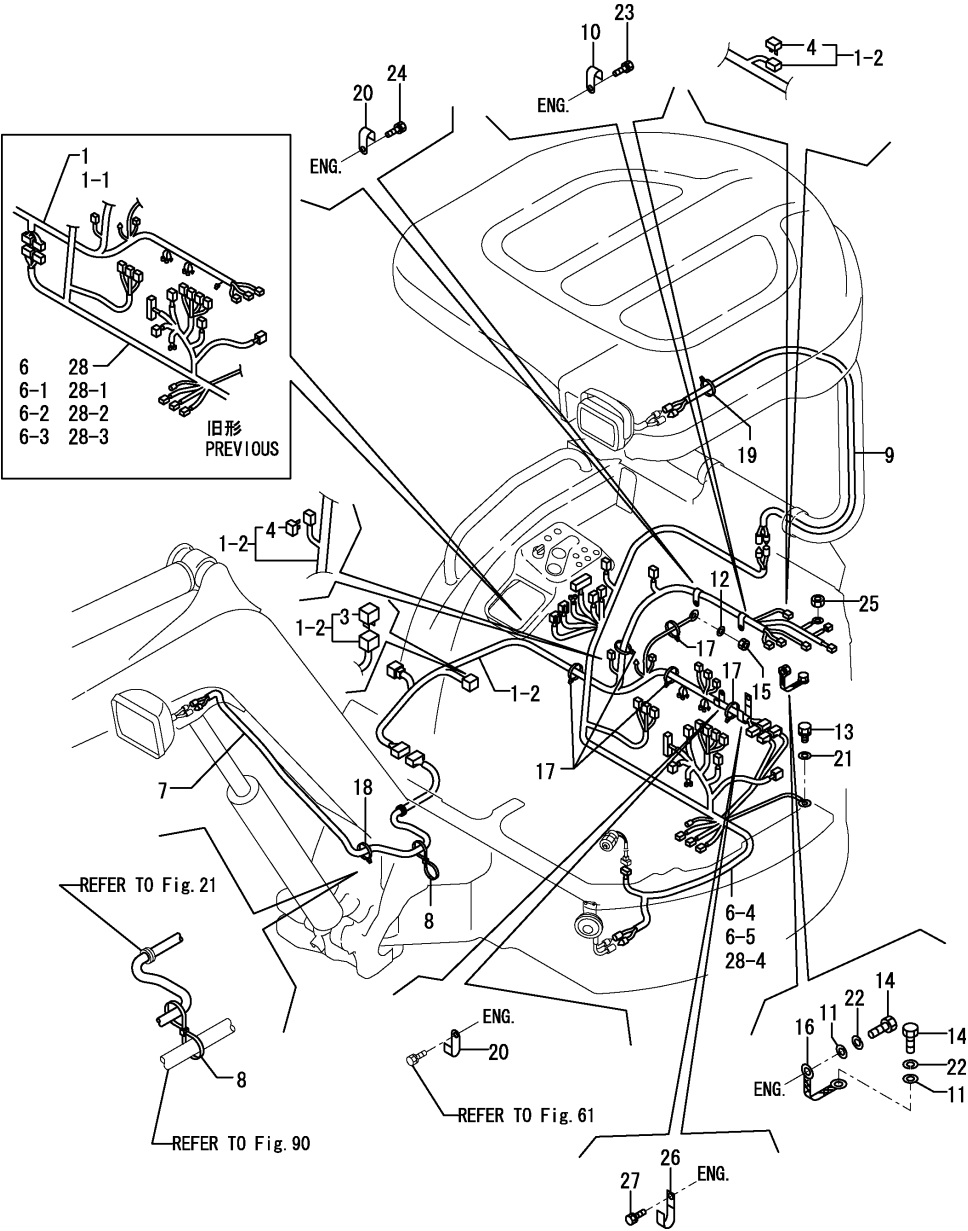
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-65700	DUCT		1						
1-1	1	172456-65701	DUCT	1	1		1			N	
(B=M/#21637)											
2	2	172444-54920	SEAL, WEIGHT	1	1		1				
4	2	172456-65790	RUBBER, SEAL		2						
4-1	2	172456-65790	RUBBER, SEAL	1	1		1			K	
(B=M/#21637)											
5	2	172456-65800	RUBBER, SEAL 150		2						
5-1	2	172456-65800	RUBBER, SEAL 150		1					K	
(B=M/#20508)											
5-2	2	172456-65800	RUBBER, SEAL 150		1					Z	
(B=M/#21637)											
6	2	172171-65850	RUBBER, SEAL		1						
6-1	2	172455-13610	RUBBER, SEAL		1					R	
(B=M/#21637)											
6-2	2	172162-15320	SEAL	1	1		1			R	
(B=M/#21694)											
7	2	172456-65860	RUBBER, SEAL		1					W	
(B=M/#20508)											
7-1	2	172149-13340	RUBBER, RADIATOR	1	1		1			N	
(B=M/#21637)											
8	1	172456-65750	DUCT		1						
8-1	1	172456-65751	DUCT	1	1		1			N	
(B=M/#21637)											
9	2	172444-54920	SEAL, WEIGHT		1						
9-1	2	172175-64810	SEAL	1	1		1			N	
(B=M/#21637)											
11	2	172455-65970	RUBBER, SEAL		1						
11-1	2	172444-54910	SEAL, WEIGHT	1	1		1			N	
(B=M/#21637)											
12	2	172164-66650	RUBBER, SEAL		1						
12-1	2	172164-61250	RUBBER, SEAL	1	1		1			N	
(B=M/#21637)											
13	1	172456-65770	DUCT, RESERVOIR		1					Z	
(B=M/#21637)											
15	2	172456-65850	SEAL, DUCT 385		1					Z	
(B=M/#21637)											
16	2	172164-66640	RUBBER, SEAL		1					Z	
(B=M/#21637)											
17	1	172456-65820	PLATE,DUCT (GRAY:73)		1					Z	
(B=M/#21637)											
18	2	172444-54910	SEAL, WEIGHT		1					Z	
(B=M/#21637)											
20	1	26013-100202	BOLT, M10X 20		8						
20-1	1	26013-100202	BOLT, M10X 20	4	4		4			K	
(B=M/#21637)											

Fig.19. BATTERY



No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=			(D)=VIO20-2 P(EX) (E)= (F)=			I	R
				(A)	(B)	(C)	Q'ty (D)	(E)	(F)		
1	1	172444-16110	HARNES,BATTERY(-)	1	1		1				
2	1	172458-16110	BATTERY	1	1		1				
3	1	172456-16200	CORD, BATTERY	1	1		1				
6	1	172456-16210	CORD, BATTERY	1	1		1				
7	1	22137-080000	WASHER, 8	2	2		2				
8	1	26716-080002	NUT, M8	1	1		1				
9	1	26116-080162	BOLT, M8X 16 PLATED	2	2		2				
10	1	172456-16100	BRACKT,BATTERY	1	1		1				
10-1	1	172456-16101	BRACKT,BATTERY	1	1		1				N
	(A=MZZZZZ)	(B=MZZZZZ)	(D=MZZZZZ)								
11	2	172444-14130	PLATE, RUBBER	1	1		1				
13	1	172725-16160	ROD, BATTERY CLAMP	1	1		1				
14	1	172458-16300	CLAMP ASSY, BATTERY	1	1		1				
15	1	22137-100000	WASHER, 10	1	1		1				
16	1	22157-060000	WASHER, 6	1	1		1				
17	1	26013-100202	BOLT, M10X 20	3	3		3				
18	1	26716-060002	NUT, M6	2	2		2				
19	1	22217-080000	WASHER, SPRING 8	1	1		1				
20	1	22217-080000	WASHER, SPRING 8	2	2		2				
21	1	172126-16540	CLAMP	1	1		1				W
	(A=MZZZZZ)	(B=MZZZZZ)	(D=MZZZZZ)								
22	1	194680-51670	BAND, CLIP	1	1		1				W
	(A=MZZZZZ)	(B=MZZZZZ)	(D=MZZZZZ)								

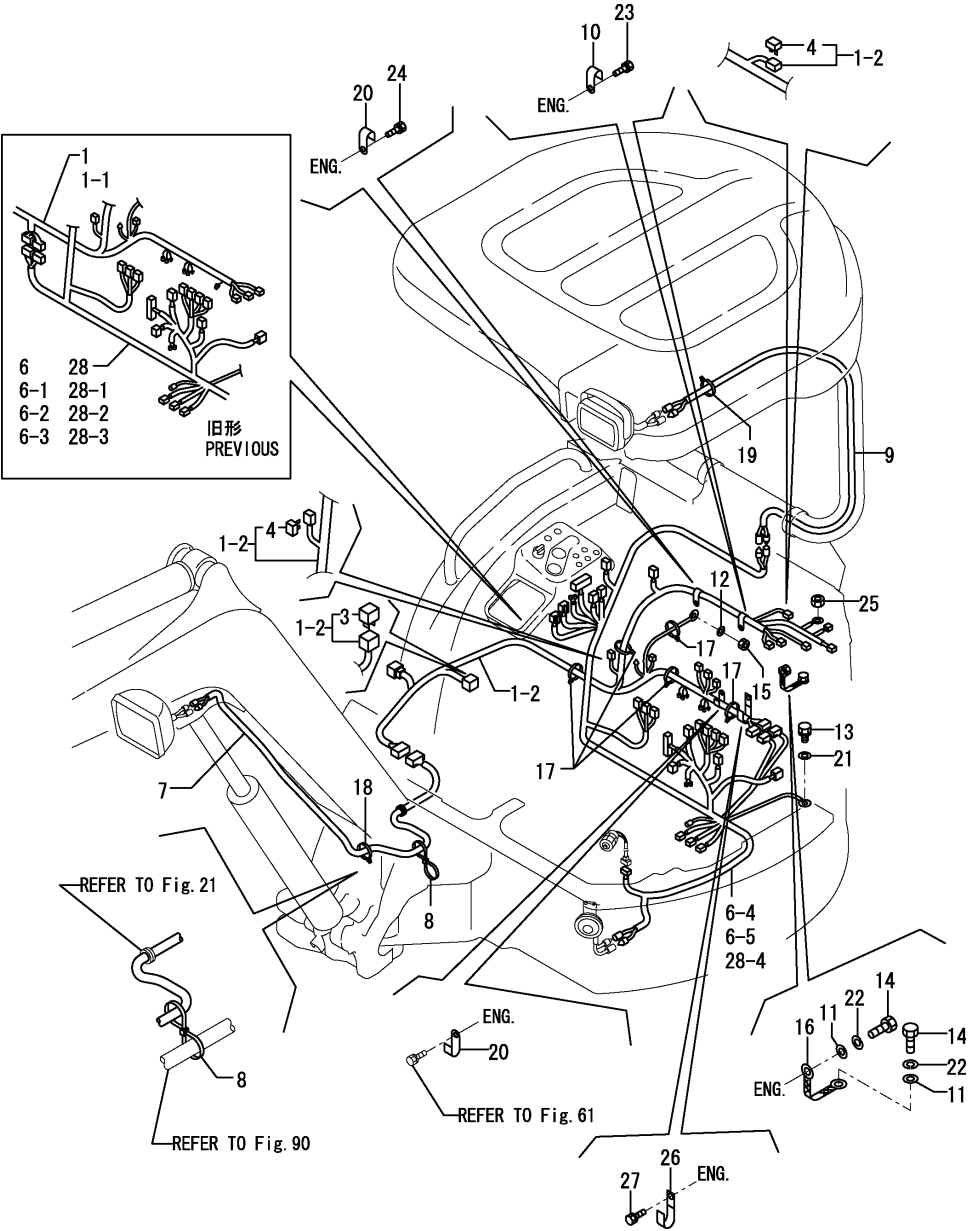
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-16500	HARNESS ASSY ,A		1						
1-1	1	172456-16501 (B=M/#21581)	HARNESS (A) ASSY		1						N
1-2	1	172456-16502 (B=M/#21915)	HARNESS ASSY ,A	1	1		1				S
3	2	172458-16550	HUSE,SLOW BLOW (50A	1	1		1				
4	2	172648-16600	DIODE	2	2		2				
6	1	172456-16520	HARNESS B		1						
6-1	1	172456-16521 (B=M/#21218)	HARNESS (B)		1						N
6-2	1	172456-16522 (B=M/#21547)	HARNESS (B)		1						N
6-3	1	172456-16523 (B=M/#21581)	HARNESS (B)		1						N
6-4	1	172456-16524 (B=M/#21915)	HARNESS (B)		1						S
6-5	1	172456-16525 (B=M/#25825)	HARNESS B ASSY	1	1		1				N
7	1	172456-16530	HARNESS,BOOM LAMP	1	1		1				
8	1	172137-16560	BAND	1	1		1				
9	1	172458-16560	HARNESS,CANOPY LAMP		1						
9-1	1	172458-16561 (B=M/#21169)	HARNESS,CANOPY LAMP		1		1				N
10	1	194440-51620	CLAMP	1	1		1				
11	1	22137-120000	WASHER, 12	2	2		2				
12	1	22217-050000	WASHER, SPRING 5	1	1		1				
13	1	26013-100202	BOLT, M10X 20	1	1		1				
14	1	26116-100162	BOLT, M10X 16 PLATED		2						M
14-1	1	26116-120162	BOLT, M12X 16 PLATED	2	2		2				
15	1	26716-050002	NUT, M5	1	1		1				
16	1	933171-15801	CORD, ENGINE EARTH	1	1		1				
17	1	172126-11510	BAND 300	5	5		5				
18	1	172126-11510	BAND 300	1	1		1				
19	1	172126-11510	BAND 300	1	1		1				
20	1	172126-16540	CLAMP	2	2		2				
21	1	22137-100000	WASHER, 10	1	1		1				
22	1	22217-120000	WASHER, SPRING 12	2	2		2				
23	1	26013-080162	BOLT, M8X 16	1	1		1				
24	1	26013-100162	BOLT, M10X 16	1	1		1				
25	1	26716-040002 (B=M/#20501)	NUT, M4	1	1		1				W
26	1	1A1380-59480 (B=M/#21915)	CLAMP, CORD	1	1		1				W
27	1	26013-100202 (B=M/#21915)	BOLT, M10X 20	1	1		1				W
28	1	172469-16520 (B=M/#20945)	HARNESS B ASSY,US		1						W 1
28-1	1	172469-16521 (B=M/#21310)	HARNESS B ASSY		1						N 1
28-2	1	172469-16522 (B=M/#21547)	HARNESS B ASSY (US		1						N 1

Remarks
(1)ROPS CANOPY SPEC.
(M)MISPRINT.

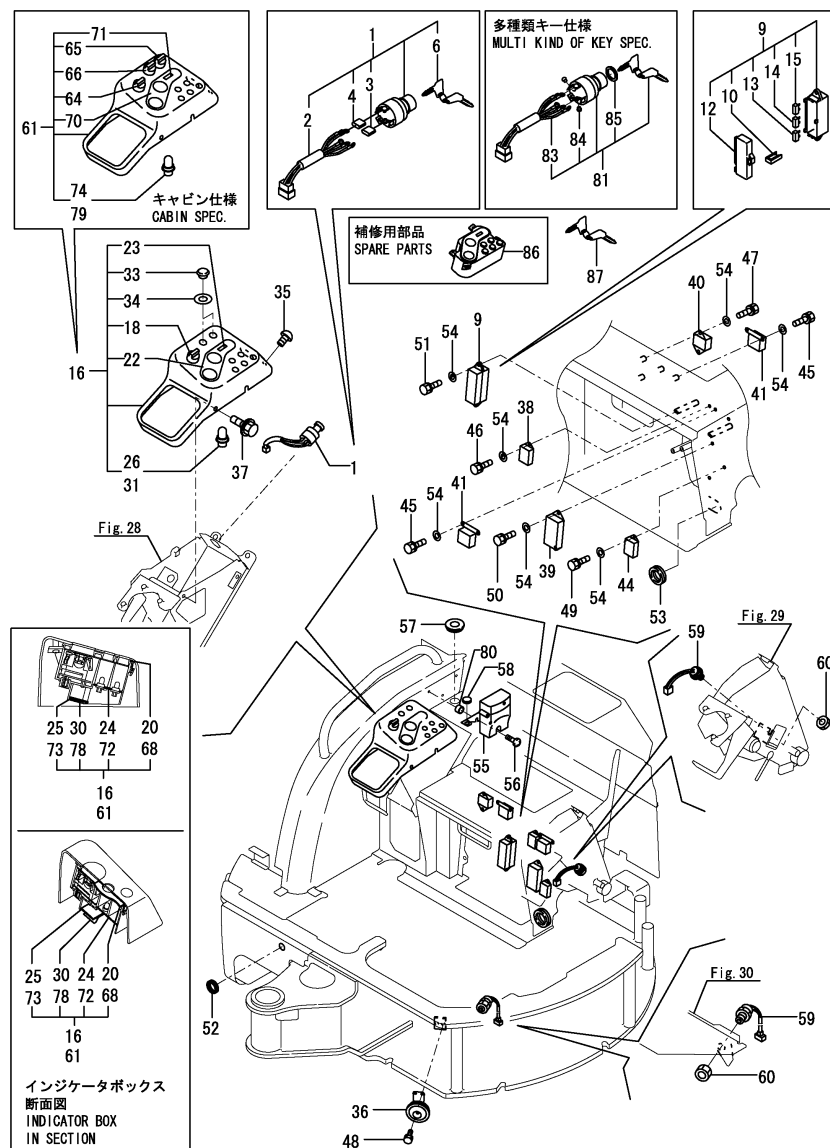
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28-3	1	172469-16523	HARNESS (B) ASSY (US (B=M/#21581)		1					N	1
28-4	1	172469-16524	HARNESS B ASSY,US (B=M/#21915)		1					S	1

Remarks
(1)ROPS CANOPY SPEC.
(M)MISPRINT.

Fig.21. ELECTRIC PART(EQUIPMENT)



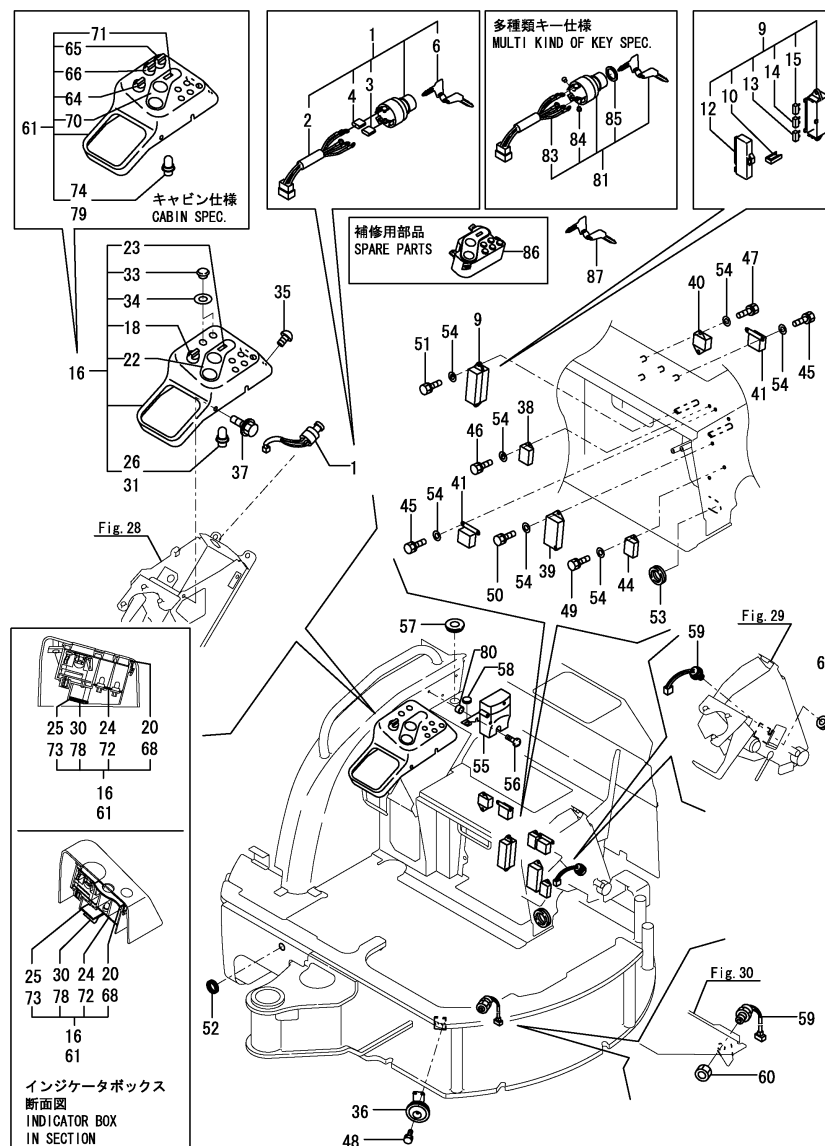
- (1)QUICK HITCH SPEC.
- (2)Engine start only.
- (3)HOUR METER = ANALOG TYPE.
- (4)HOUR METER = L.C.D. TYPE.
- (5)For bonnet, door.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-17100	SWITCH ASSY, STARTER		1						
1-1	1	172187-17100 (B=M/#21858)	SWITCH ASSY, STARTER	1	1		1				R
2	2	172187-17070	CORD ASSY	1	1		1				
3	2	172187-17080	COVER	3	3		3				
4	2	172187-17090	COVER	2	2		2				
6	2	172524-17330	KEY ASSY		1						
6-1	2	933110-00301 (B=M/#21858)	KEY ASSY	1	1		1				R
9	1	172187-17200	BOX, FUSE	1	1		1				
10	2	172175-17120	PULLER	1	1		1				
12	2	172187-17220	COVER	1	1		1				
13	2	29420-050000	FUSE, B 5A	2	2		2				
14	2	29420-150000	FUSE, B 15A	6	6		6				
15	2	29420-300000	FUSE, B 30A	2	2		2				
16	1	172458-17500	BOX,INDICATOR(CANOPY		1		1				3
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				
33	2	172187-17560	CAP		2		2				
34	2	172187-17570	GASKET		2		2				
35	1	172458-46720	BOLT	1	1		1				
36	1	194151-57100	HORN	1	1		1				
37	1	172519-63240	BOLT	3	3		3				
38	1	119247-77100	RELAY, SAFETY	1	1		1				
39	1	129136-77200	RELAY, SAFETY	1	1		1				
40	1	129155-77810	REGISTER	1	1		1				
41	1	119650-77910	RELAY ASSY, GLOW	2	2		2				
44	1	129211-77920	TIMER	1	1		1				
45	1	26013-060122	BOLT, M6X 12	4	4		4				
46	1	26013-060122	BOLT, M6X 12	1	1		1				
47	1	26013-060122	BOLT, M6X 12	2	2		2				
48	1	26013-060162	BOLT, M6X 16	2	2		2				
49	1	26013-060162	BOLT, M6X 16	1	1		1				
50	1	26013-060202	BOLT, M6X 20	2	2		2				
51	1	26013-060202	BOLT, M6X 20	2	2		2				
52	1	172187-16560	GROMMET	1	1		1				
53	1	172165-62800	GROMMET	1	1		1				
54	1	22137-060000	WASHER, 6	12	12		12				
55	1	172958-17100	BOX,SWITCH	1	1		1				1
56	1	172137-46210	SCREW	3	3		3				1
57	1	172958-64500	PLUG	1	1		1				1
58	1	172187-64900	PLUG	1	1		1				1
59	1	194464-52190	SWITCH, SAFETY START	2	2		2				
60	1	26776-180002	NUT, LOCK M18	2	2		2				

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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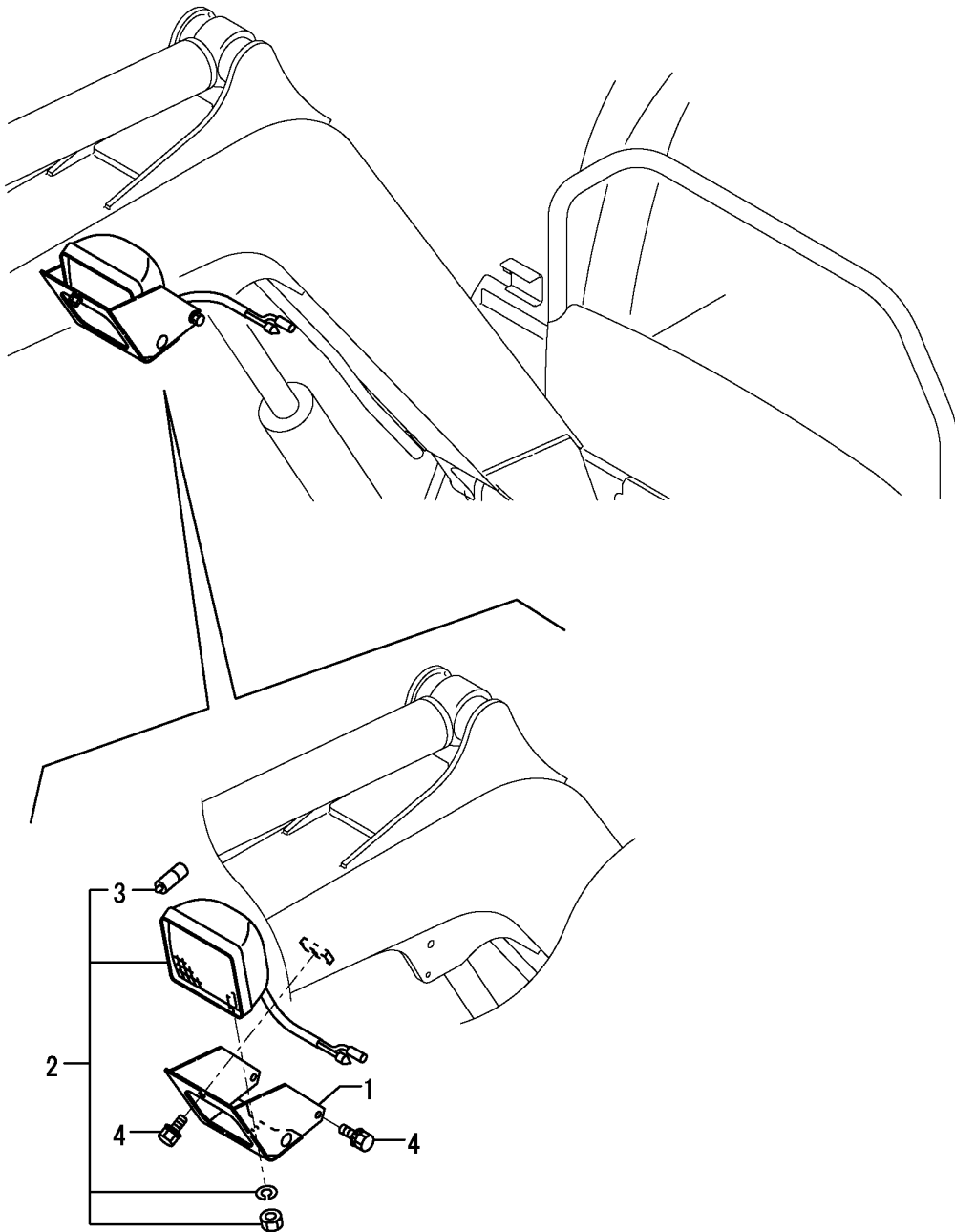
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	1	172458-17250	BOX,INDICATOR(CABIN)	1							3
64	2	172187-17280	SWITCH ASSY, LIGHT	1							
65	2	172187-17290	SWITCH ASSY, HEATER	1							
66	2	172187-17301	SWITCH ASSY, WIPER	1							
68	2	172187-17320	PACKING	1							
70	2	172187-17341	GAUGE ASSY	1							
71	2	172187-17350	METER ASSY, HOUR	1							
72	2	172187-17360	PRINT, CIRCUIT	1							
73	2	172187-17371	CIRCUIT ASSY	1							
74	2	172187-17380	BULB	4							
78	2	172187-17470	PLATE	1							
79	2	172187-17480	BULB	2							
80	1	172958-17130	COLLAR	3							1
81	1	172458-17171	KEY ASSY	1	1						2
83	3	172458-17150	HARNESS	1	1						
84	3	26022-050102	SCREW, M5X10	5	5						
85	2	172458-17161	PLATE	1	1						
86	1	172A77-17500	MONITOR ASSY	1	1		1			W	4
	(A=MZZZZZ)	(B=MZZZZZ)	(D=MZZZZZ)								
87	1	933110-00301	KEY ASSY	1	1		1				5

(1)QUICK HITCH SPEC.
(2)Engine start only.
(3)HOUR METER = ANALOG TYPE.
(4)HOUR METER = L.C.D. TYPE.
(5)For bonnet, door.

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

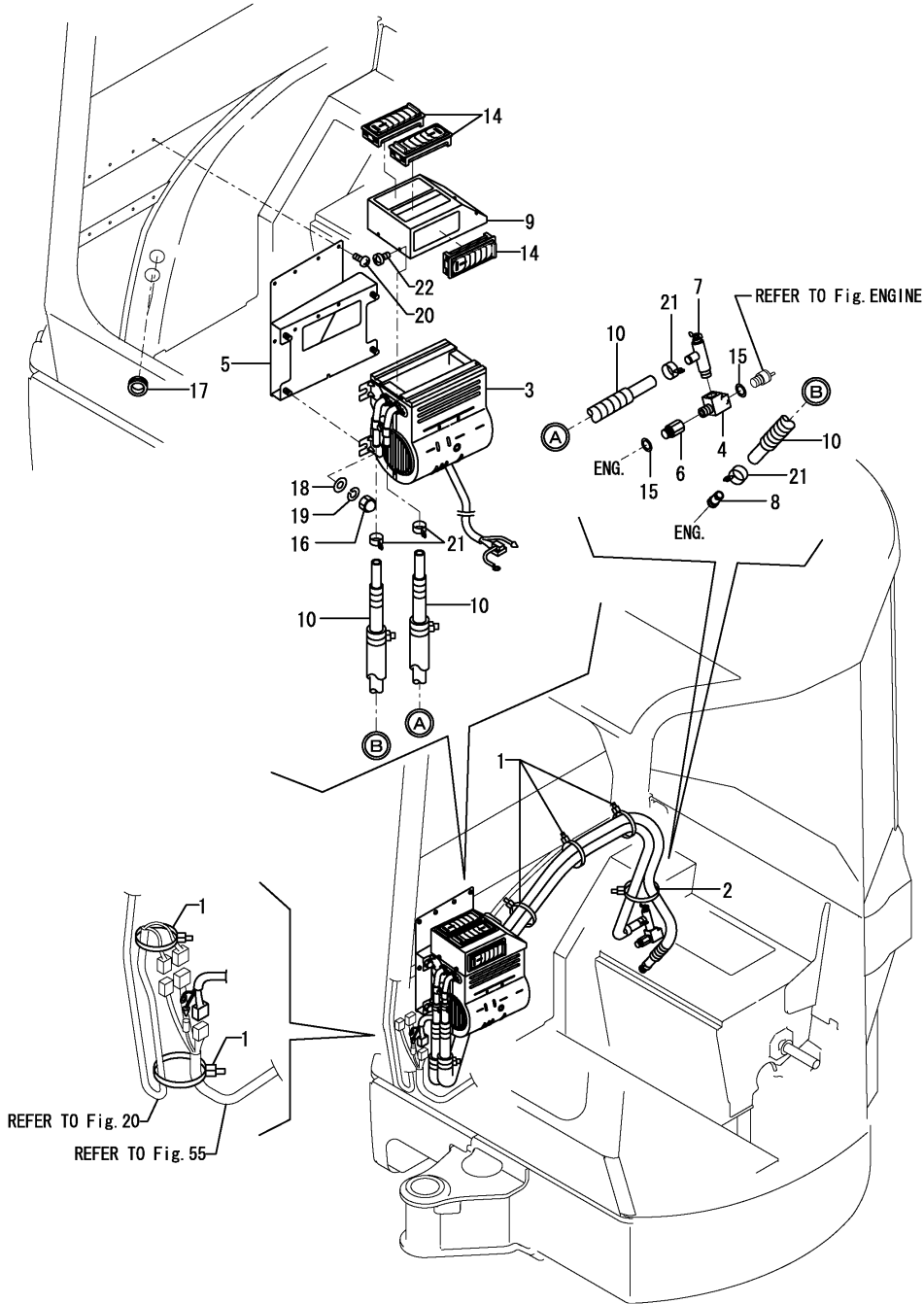
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Fig.22. WORK LAMP



No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-17400	COVER ASSY, LAMP	1	1		1				
1-1	1	172456-17401-1	COVER ASSY, LAMP	1	1		1				N
		(A=MZZZZZ)	(B=MZZZZZ)	(D=MZZZZZ)							
2	1	172458-17450	LAMP,WORK	1	1		1				
3	2	172187-17540	BULB	1	1		1				
4	1	26014-080202	BOLT, M8X 20	3	3		3				

Fig.24. HEATER

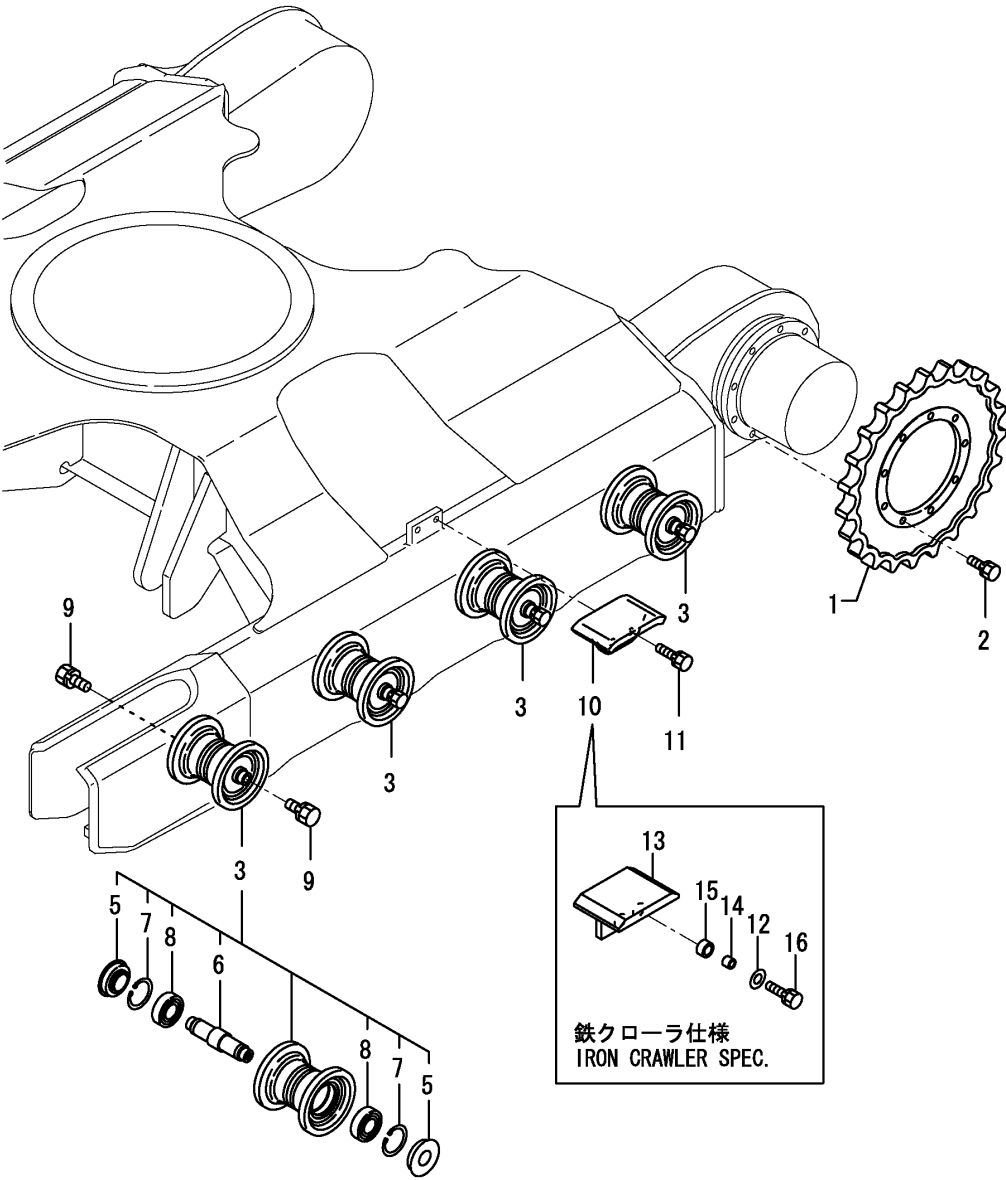


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND 300	5							
2	1	172183-16560	CLIP, HOSE	1							
3	1	172458-17551	HEATER	1							
4	1	172168-17600	CONNECTOR, PT3/8XM16	1							
5	1	172456-17600	BRACKET,HEATER (73)	1							
6	1	172137-17631	JOINT, HEATER	1							
7	1	172425-17630	VALVE ASSY, HEATER	1							
8	1	172124-17640	JOINT, PIPE	1							
9	1	172456-17650	DUCT, HEATER	1							
10	1	172456-17700	HOSE ASSY, HEATER	2							
14	1	172458-17700	GRILLE	3							
15	1	124465-44950	GASKET, 16	2							
16	1	172458-63470	NUT, CAP	4							
17	1	172137-66230	GROMMET	2							
18	1	22137-100000	WASHER, 10	4							
19	1	22217-100000	WASHER, SPRING 10	4							
20	1	22877-500120	SCREW, 5X12	8							
21	1	23001-022000	CLAMP, HOSE 22	4							
22	1	26587-040122	SCREW, M4X12	4							

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



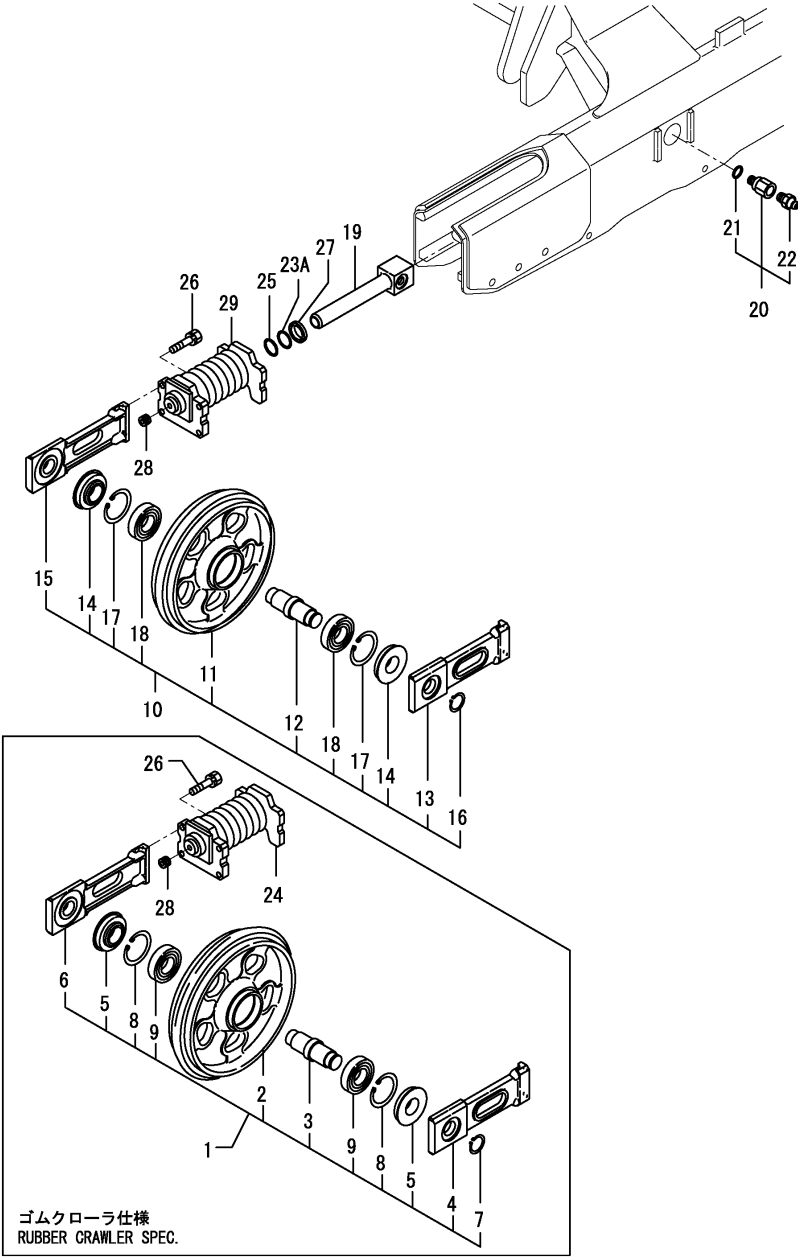
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-29100	SPROCKET	2	2		2				
2	1	26013-100252	BOLT, M10X 25	18	18		18				
3	1	772456-37300	TRACK ROLLER ASSY(88		8						
3-1	1	772456-37301	TRACK ROLLER ASSY(88	8	8		8				R
		(B=M/#21915)									
5	2	172173-37320	SEAL, OIL		16						
5-1	2	1E6140-73420	SEAL, OIL QLF255218	16	16		16				R
		(B=M/#21637)									
6	2	172456-37320	SHAFT, ROLLER	8	8		8				
7	2	22252-000520	RING, 52	16	16		16				
8	2	24101-062054	BEARING, BALL 6205	16	16		16				
9	1	26013-120252	BOLT, M12X 25	16	16		16				
10	1	172456-37500	PLATE (GREEN:88)	2	2		2				1
11	1	26013-100302	BOLT, M10X 30	4	4		4				1
12	1	172110-36010	COLLAR	4	4		4				2
13	1	172173-37500-1	PLATE,HOSE BAFFLE(88	2	2		2				2
14	1	172183-37510	COLLAR, 11X16X13	4	4		4				2
15	1	172183-37520	COLLAR, 16X24X13	4	4		4				2
16	1	26013-100352	BOLT, M10X 35	4	4		4				2

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

Fig.26. IDLER & ADJUST

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



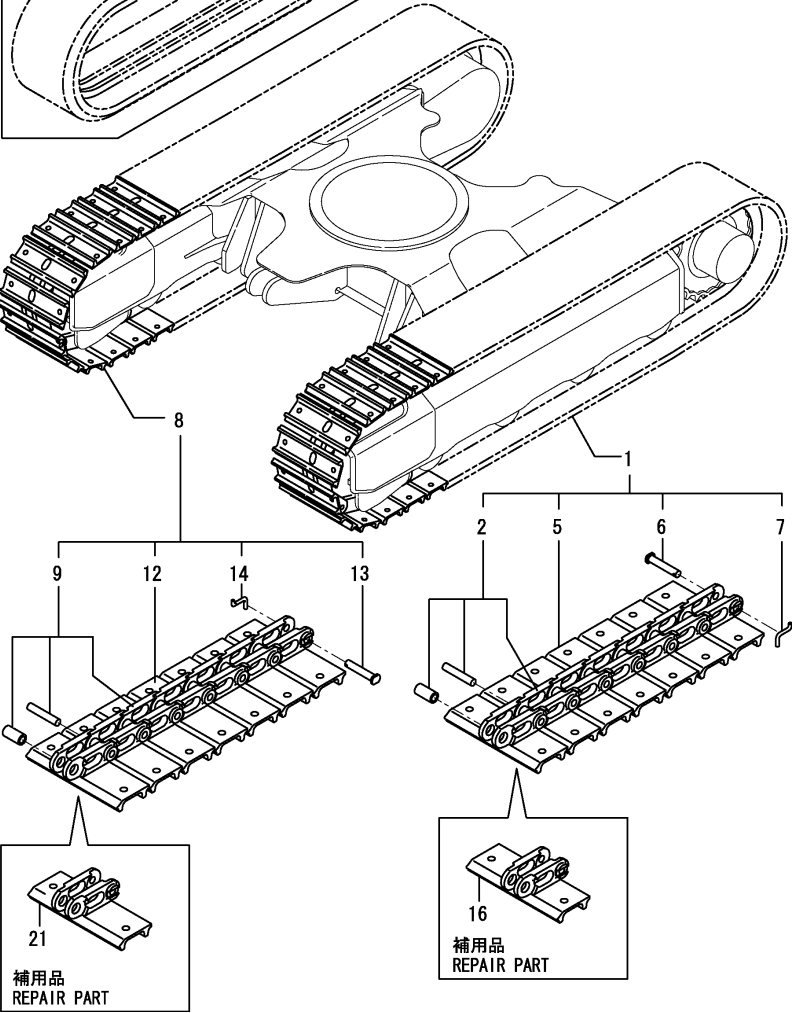
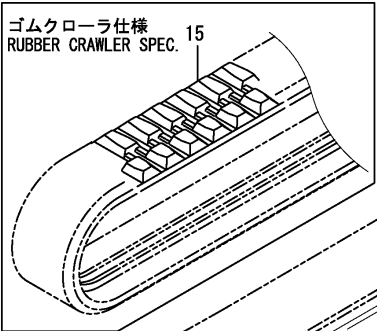
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-37100	IDLER ASSY, RUBBER	2	2		2				1
2	2	172456-37100	IDLER ASSY	2	2		2				
3	2	172456-37120	SHAFT, IDLER	2	2		2				
4	2	172456-37130	COVER, IDLER SEAL	2	2		2				
5	2	172141-37140	SEAL, 357220	4	4		4				
6	2	172456-37140	COVER, IDLER SEAL	2	2		2				
7	2	22242-000300	RING, 30	2	2		2				
8	2	22252-000720	RING, 72	4	4		4				
9	2	24101-062074	BEARING, BALL 6207	4	4		4				
10	1	772456-37110	IDLER ASSY, IRON	2	2		2				2
11	2	172456-37110	IDLER ASSY	2	2		2				
12	2	172456-37120	SHAFT, IDLER	2	2		2				
13	2	172456-37130	COVER, IDLER SEAL	2	2		2				
14	2	172141-37140	SEAL, 357220	4	4		4				
15	2	172456-37140	COVER, IDLER SEAL	2	2		2				
16	2	22242-000300	RING, 30	2	2		2				
17	2	22252-000720	RING, 72	4	4		4				
18	2	24101-062074	BEARING, BALL 6207	4	4		4				
19	1	172456-37800	TUBE ASSY, ADJUST	2	2		2				
19-1	1	172456-37801	TUBE ASSY, ADJUST	2	2		2				N
(A=MXXXXXX) (B=MXXXXXX) (D=MXXXXXX)											
20	1	172122-37843	VALVE ASSY, NIPPLE		2						
20-1	1	172122-37844	VALVE ASSY, NIPPLE	2	2		2				N
(B=M/#20697)											
21	2	24315-000140	O-RING, 1BP14.0	2	2		2				
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				
23A	1	172A23-37750	RING, BACK UP	2	2		2				W
(A=MXXXXXX) (B=MXXXXXX) (D=MXXXXXX)											
24	1	172421-37851	SPRING ASSY, ADJUST	2	2		2				1
25	1	24315-000300	O-RING, 1BP30.0	2	2		2				
26	1	26013-100402	BOLT, M10X 40	8	8		8				
27	1	933126-38600	SEAL, DUST	2	2		2				
28	1	933171-13691	PLUG	2	2		2				
29	1	172421-37701	SPRING ASSY, CRAWLER	2	2		2				2

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

Fig.27. CRAWLER

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



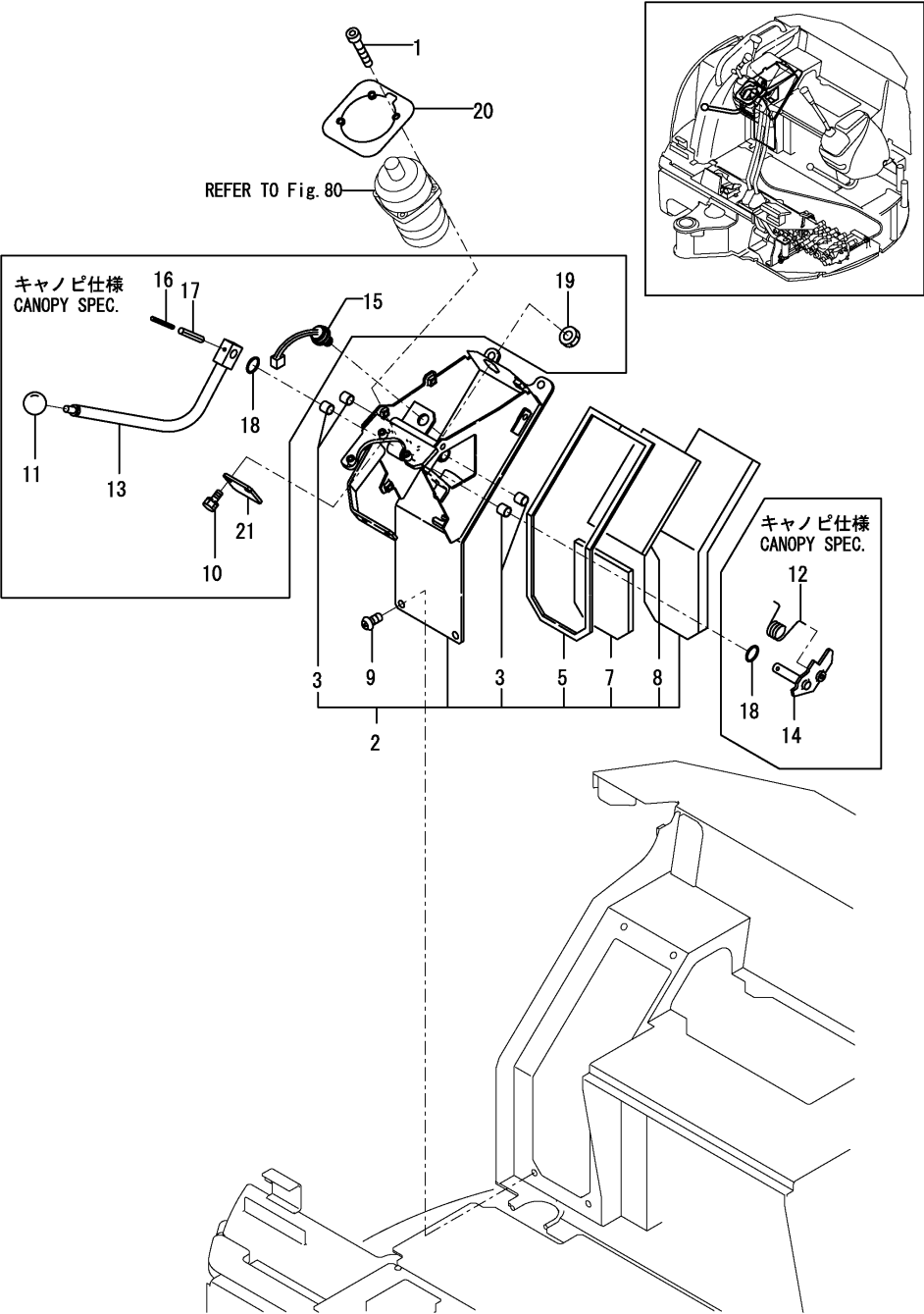
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-38100	SHOE ASSY, TRACK 250	1	1		1				2
2	2	172421-38110	LINK, CRAWLER	1	1		1				
5	2	172456-38110	PLATE,SHOE 250L (88)	44	44		44				
6	2	172173-38220	PIN,MASTER	1	1		1				
7	2	172173-38300	PIN 4X22,LOCK	1	1		1				
8	1	172456-38120	SHOE ASSY, TRACK 250	1	1		1				2
9	2	172421-38110	LINK, CRAWLER	1	1		1				
12	2	172456-38130	PLATE,SHOE 250R	44	44		44				
13	2	172173-38220	PIN,MASTER	1	1		1				
14	2	172173-38300	PIN 4X22,LOCK	1	1		1				
15	1	172421-38600	CRAWLER, RUBBER 250	2	2		2				1
16	1	172456-38300	TRACK ASSY, MASTER	1	1		1				3
21	1	172456-38310	TRACK ASSY, MASTER	1	1		1				3

Remarks
(1)RUBBER CRAWLER SPEC.
(2)IRON CRAWLER SPEC.
(3)REPAIR PART.

Fig.28. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)

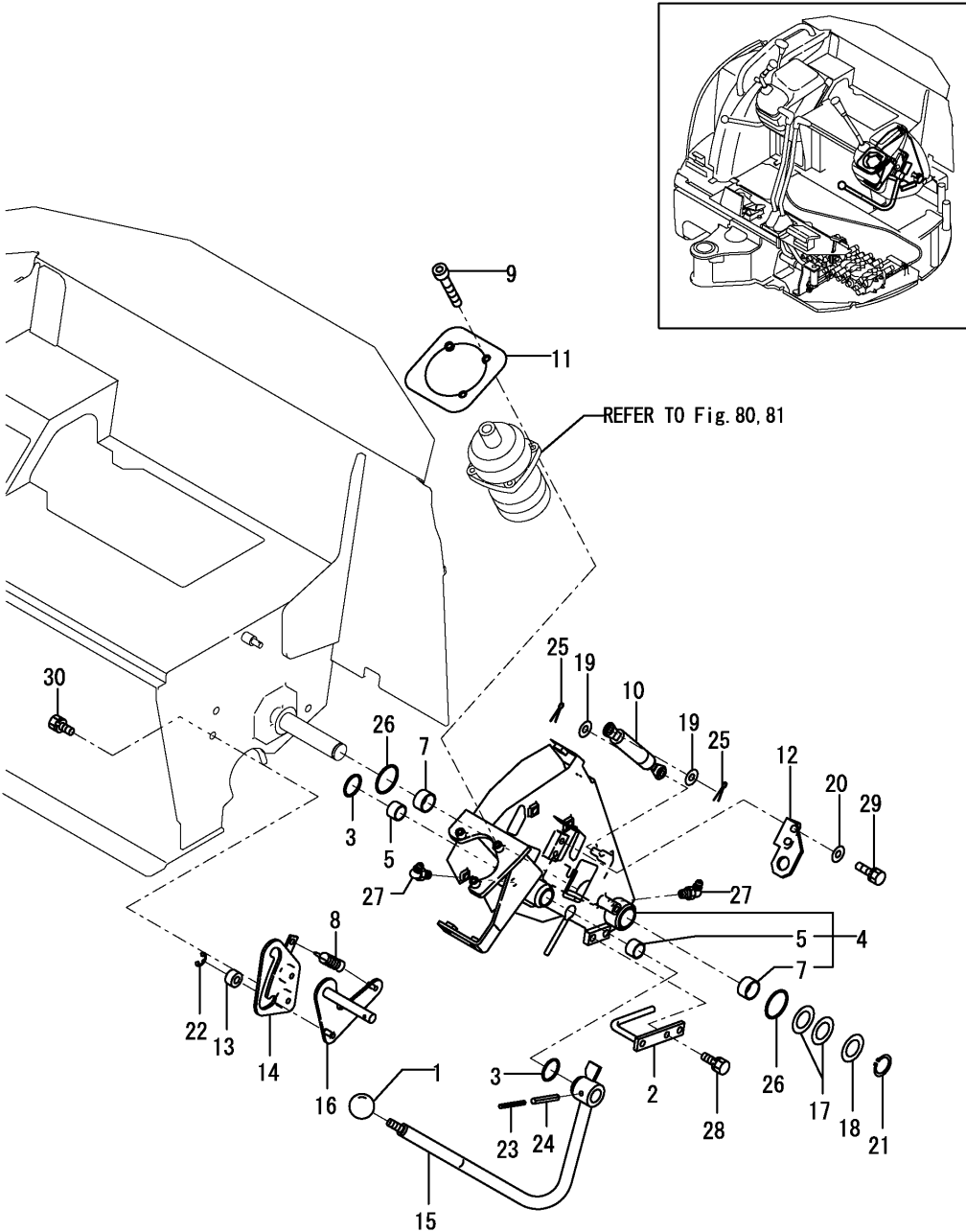
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



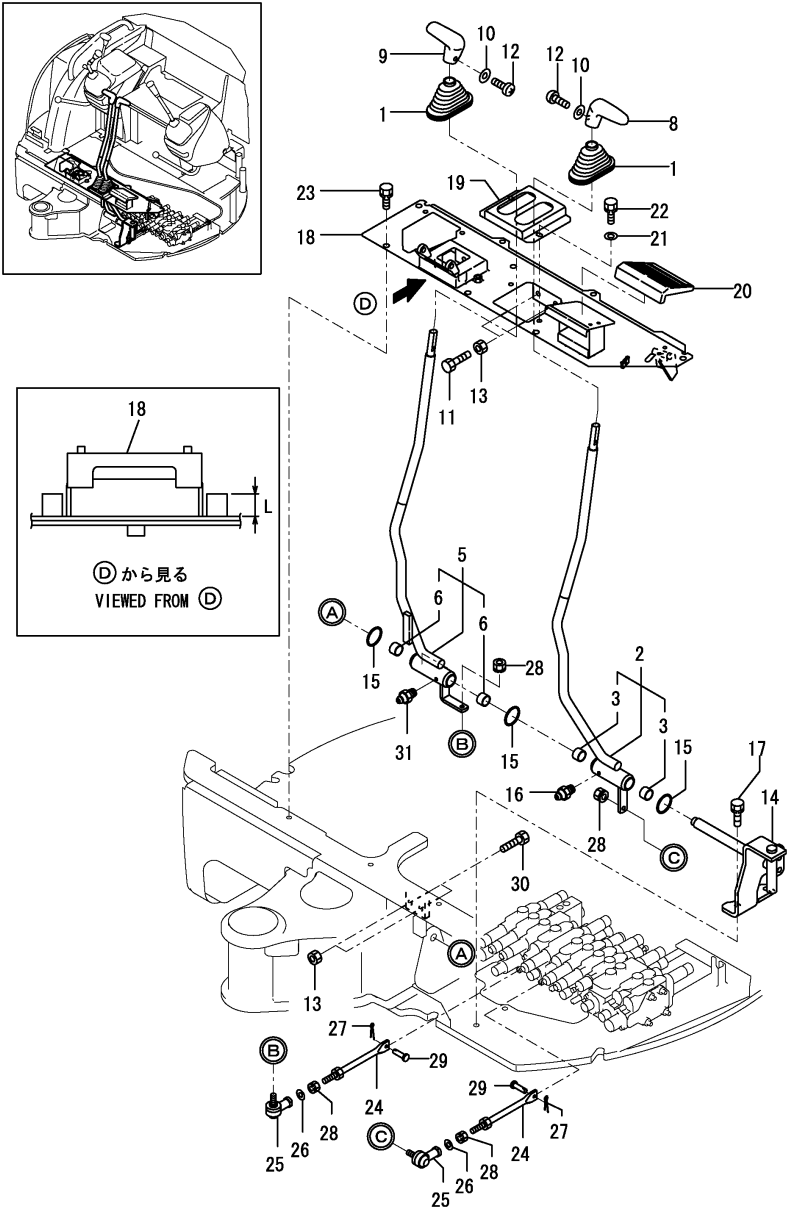
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT N6X30	3	3		3				
2	1	172458-46800	STAND, LEVER		1						
2-1	1	172458-46801	STAND, LEVER		1						N
(B=M/#20501)											
2-2	1	172457-46800	STAND, LEVER		1						N
(B=M/#20580)											
2-3	1	172457-46801	STAND, LEVER	1	1		1				N
(B=M/#21004)											
3	2	172141-41360	BUSH 1415	4	4		4				
5	2	172458-46790	SEAL, STAND		1						
5-1	2	172458-46790	SEAL, STAND		1						Z
(B=M/#21004)											
7	2	172458-47020	SPONGE, STAND		1						W
(B=M/#20501)											
7-1	2	172458-47020	SPONGE, STAND		1						Z
(B=M/#20580)											
8	2	172458-47030	SPONGE, STAND		1						W
(B=M/#20501)											
8-1	2	172458-47030	SPONGE, STAND		1						Z
(B=M/#20580)											
9	1	172455-61720	BOLT M 10X20	4	4		4				
10	1	26013-080162	BOLT, M8X 16		2		2				
11	1	1D4070-23580	GRIP		1		1				
12	1	172165-45970	SPRING		1		1				
13	1	172458-47680	LEVER R (GRAY:72)		1		1				
14	1	172458-47710	SHAFT ASSY		1		1				
15	1	194464-52190	SWITCH, SAFETY START		1		1				
16	1	22351-030032	PIN, SPRING 3.0X32		1		1				
17	1	22351-050032	PIN, SPRING 5.0X32		1		1				
18	1	24311-000210	O-RING, 1AP21.0		2		2				
19	1	26776-180002	NUT, LOCK M18		1		1				
20	1	172455-46940	PLATE R,BOOTS (73)		1						
20-1	1	172455-46941	PLATE R,BOOTS (73)	1	1		1				R
(B=M/#21074)											
21	1	172458-46950	PLATE (GRAY:73)		1		1				

Fig.29. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)



										OCK10-M37602 Fig.29	
										(A)=VIO20-2 C(JP)	
										(B)=VIO20-2 P(JP)	
										(C)=	
										(D)=VIO20-2 P(EX)	
										(E)=	
										(F)=	
										Q'ty	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	1D4070-23580	GRIP	1	1		1				
2	1	172458-45850	GUIDE, HOSE	1	1		1				
3	1	172124-46200	O-RING	2	2		2				
4	1	172458-46600	STAND, LEVER	1	1		1				
5	2	172141-41370	BUSH 2015	2	2		2				
7	2	24550-025150	BUSH, 25X15	2	2		2				
8	1	172162-46690	SPRING	1	1		1				
9	1	172458-46730	BOLT N6X30	3	3		3				
10	1	172455-46890	SPRING, GAS	1	1		1				
11	1	172455-46900	PLATE		1						
11-1	1	172455-46901	PLATE L, BOOTS (73)	1	1		1				R
(B=M/#21074)											
12	1	172455-46950	BRACKET, SWITCH	1	1		1				
13	1	172165-47550	BUSH	1	1		1				
14	1	172458-47601	GUIDE, LOCK		1						Z
(B=M/#22501)											
15	1	172458-47620	LEVER L,LOCK(GRAY:72		1						
15-1	1	172458-47621	LEVER L,LOCK(GRAY:72	1	1		1				N
(B=M/#20580)											
16	1	172458-47640	ROD,SPRING (GRAY:73)	1	1		1				
17	1	172165-47980	SHIM	2	2		2				
18	1	172165-47990	WASHER 25.5X42	1	1		1				
19	1	22137-080000	WASHER, 8	2	2		2				
20	1	22137-080000	WASHER, 8	2	2		2				
21	1	22242-000250	RING, 25	1	1		1				
22	1	22272-000070	RING, E- 7	1	1		1				
23	1	22351-035040	PIN, SPRING 3.5X40	1	1		1				
24	1	22351-060040	PIN, SPRING 6.0X40	1	1		1				
25	1	22417-200200	PIN, COTTER 2.0X20	2	2		2				
26	1	24311-000340	O-RING, 1AP34.0	2	2		2				
27	1	24761-050000	NIPPLE, GREASE C	2	2		2				
28	1	26013-080162	BOLT, M8X 16	2	2		2				
29	1	26013-080202	BOLT, M8X 20	2	2		2				
30	1	26013-100202	BOLT, M10X 20		2						Z
(B=M/#22501)											

Fig.30. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)



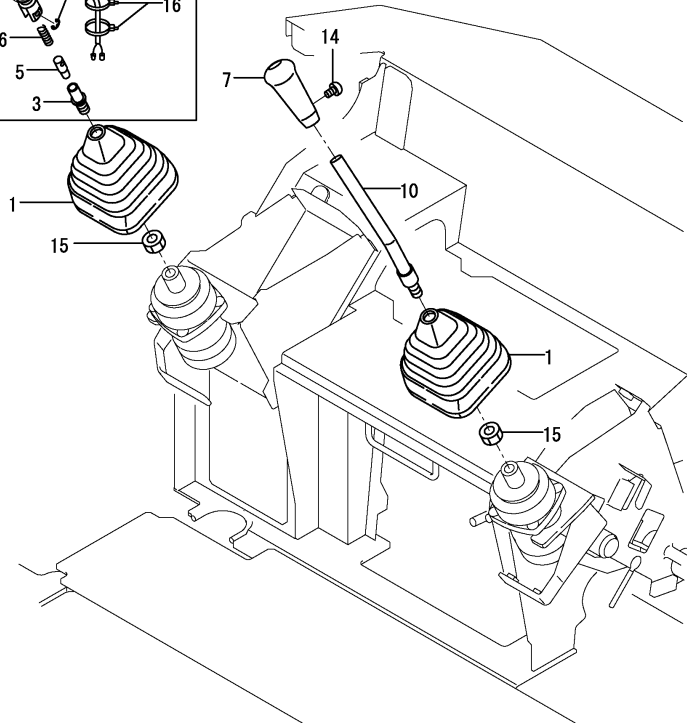
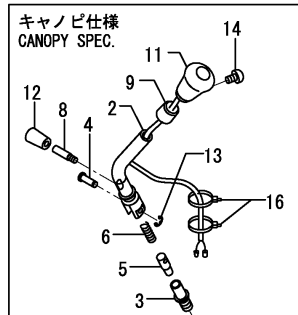
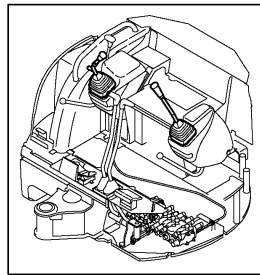
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(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				
2	1	172456-45100	LEVER L,TRACK(GRAY72		1						
2-1	1	172469-45100	LEVER L,TRUCK(GRAY72	1	1		1			N	2
(B=M/#22514)											
3	2	172141-41370	BUSH 2015	2	2		2				
5	1	172456-45140	LEVER R,TRACK(GRAY72		1						
5-1	1	172469-45140	LEVER R,TRUCK(GRAY72	1	1		1			N	2
(B=M/#22514)											
6	2	172141-41370	BUSH 2015	2	2		2				
8	1	172187-45870	GRIP, DRIVE	1	1		1				
9	1	172187-45880	GRIP, DRIVE	1	1		1				
10	1	22117-040000	WASHER, 4	2	2		2				
11	1	26116-100404	BOLT, M10X 40 PLATED	2	2		2				
12	1	26587-040122	SCREW, M4X12	2	2		2				
13	1	26716-100002	NUT, M10	4	4		4				
14	1	172458-45660	BRACKET,TRUCK(GRAY72		1						
14-1	1	172472-45660	BRACKET ASSY (TRUCK	1	1		1			N	2
(B=M/#22514)											
15	1	172124-46200	O-RING	3	3		3				
16	1	24761-020000	NIPPLE, GREASE PT1/8		2						
16-1	1	24761-020000	NIPPLE, GREASE PT1/8	1	1		1			K	2
(B=M/#22514)											
17	1	26013-100252	BOLT, M10X 25	2	2		2				
18	1	172458-45400	STAND ASSY, LINK		1						1
18-1	1	172458-45401	STAND ASSY, LINK	1	1		1			S	1
(B=M/#20502)											
18-2	1	172458-45402-1	STAND ASSY, LINK	1	1		1			N	1
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
19	1	172458-45510	BRACKET,BOOT(BLACK12	1	1		1				
20	1	172187-45760	COVER PAD	1	1		1				
21	1	22137-080000	WASHER, 8	2	2		2				
22	1	26013-080162	BOLT, M8X 16	2	2		2				
23	1	26013-100202	BOLT, M10X 20	6	6		6				
24	1	172458-45250	ROD 91 ASSY	2	2		2				
25	1	172122-46590	ELBOW	2	2		2				
26	1	22117-080000	WASHER, 8	2	2		2				
27	1	22417-160160	PIN, COTTER 1.6X16	2	2		2				
28	1	26051-080002	NUT, M8	4	4		4				
29	1	933110-54100	PIN 4.75X14	2	2		2				
30	1	26116-100604	BOLT, M10X 60 PLATED	2	2		2				
31	1	24761-020000	NIPPLE, GREASE PT1/8		1						
31-1	1	24761-050000	NIPPLE, GREASE C	1	1		1			S	2
(B=M/#22514)											

Remarks
(1)L=REF.NO.18:6.5MM,NO.18-1:17MM.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT.

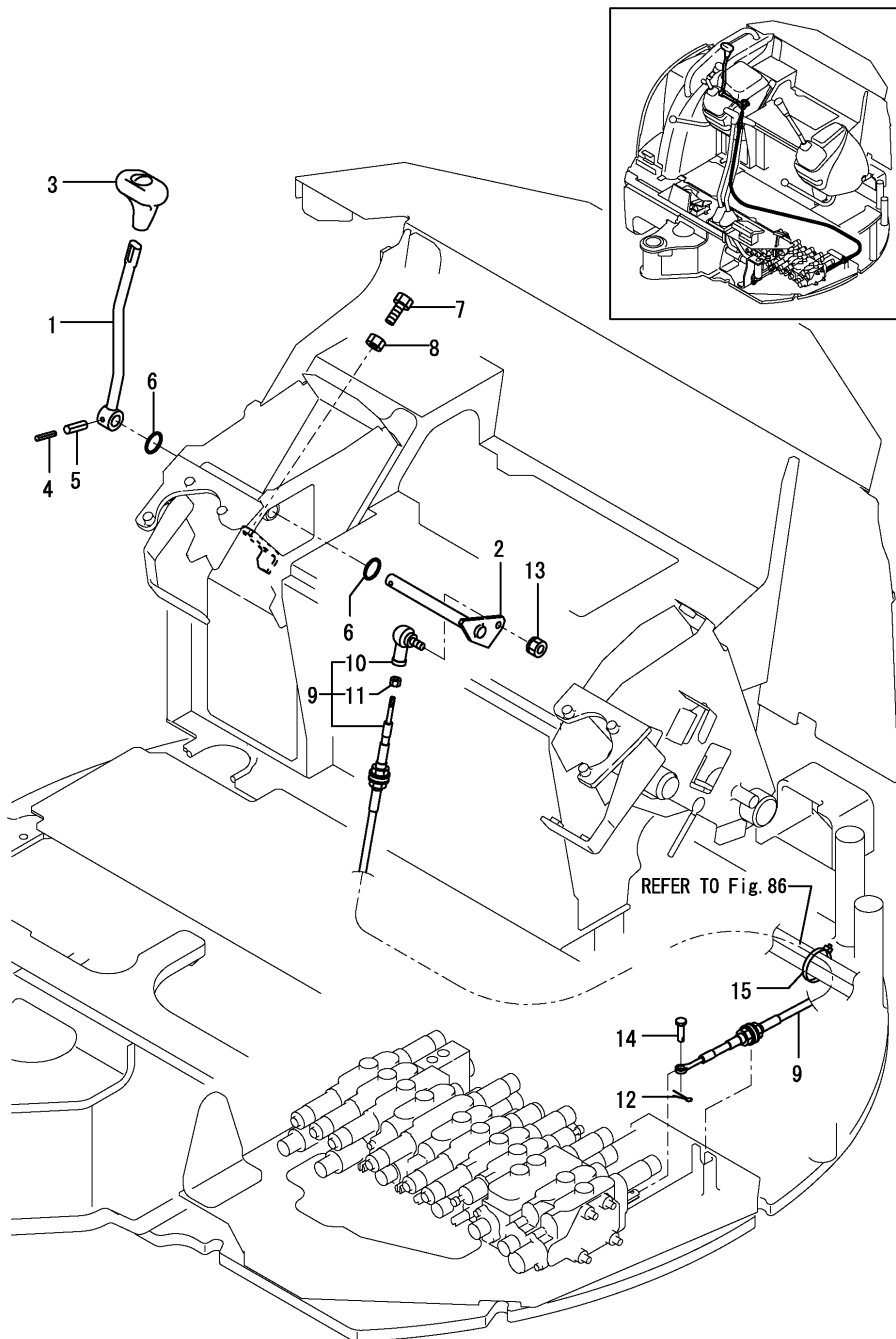
Fig.31. CONTROL EQUIPMENT(OPERATION LEVER)



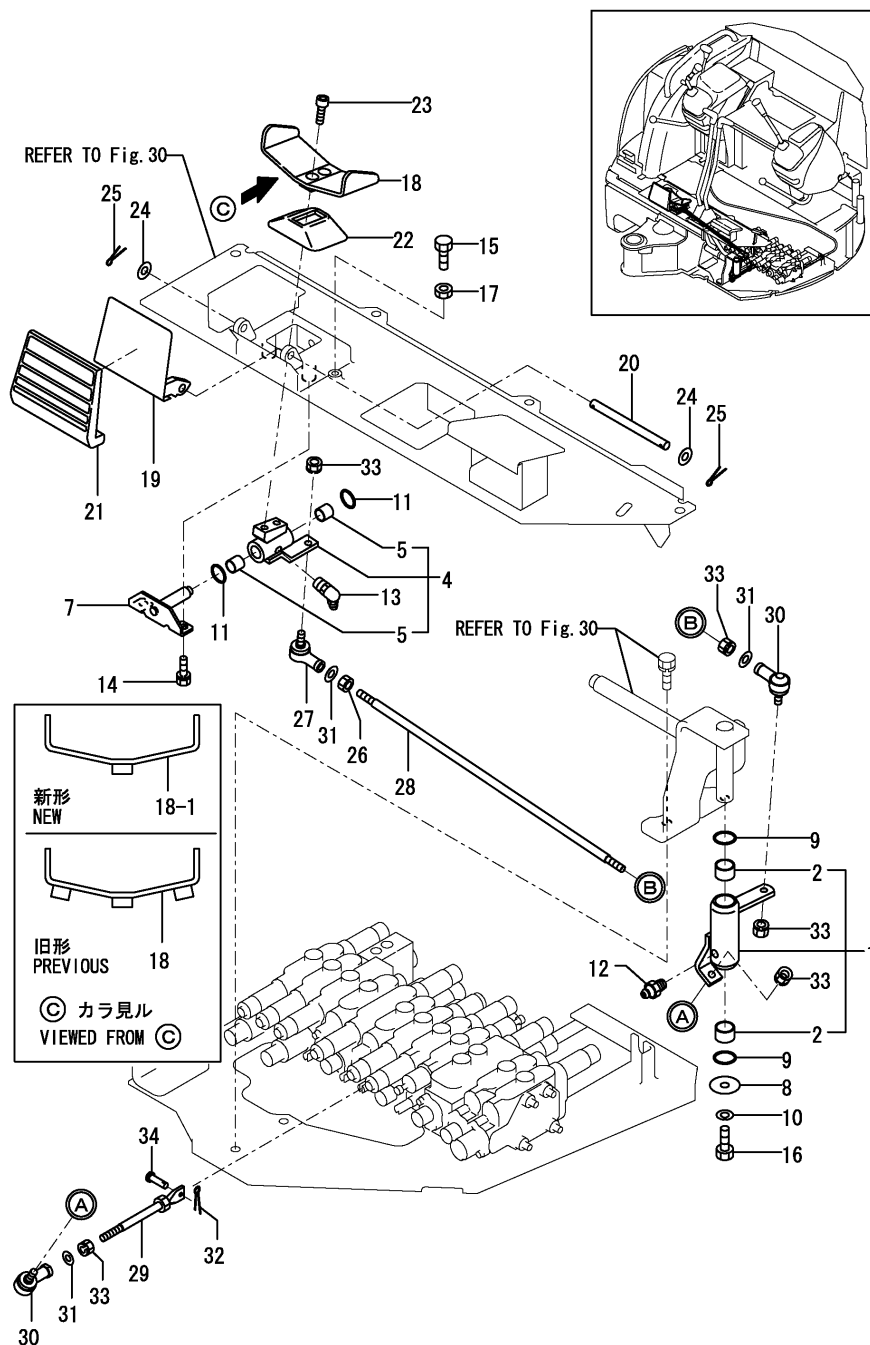
No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172151-45010	BOOT P,LEVER	2	2		2			
2	1	172456-45010	LEVER R (GRAY:72)		1		1			
3	1	172164-45041	HINGE		1		1			
4	1	172164-45050	PIN 8X 22		1		1			
5	1	172164-45061	PIN		1		1			
6	1	172164-45070	SPRING		1		1			
7	1	172165-45071	KNOB ASSY	1	1		1			
8	1	172164-45080	SCREW, M6		1		1			
9	1	172164-45090	CAP		1		1			
10	1	172165-47851	LEVER L, SI	1	1		1			
11	1	172165-47871	KNOB ASSY	1	1		1			1
12	1	172157-58830	KNOB, 6.5X18X35		1		1			
13	1	22272-000060	RING, E- 6		1		1			
14	1	26587-040062	SCREW, M4X 6	2	2		2			
15	1	26776-140002	NUT, LOCK M14	2	2		2			
16	1	933168-55770	BAND 146	2	2		2			
17	1	172165-47821	LEVER R ASSY, SI(72)	1						

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

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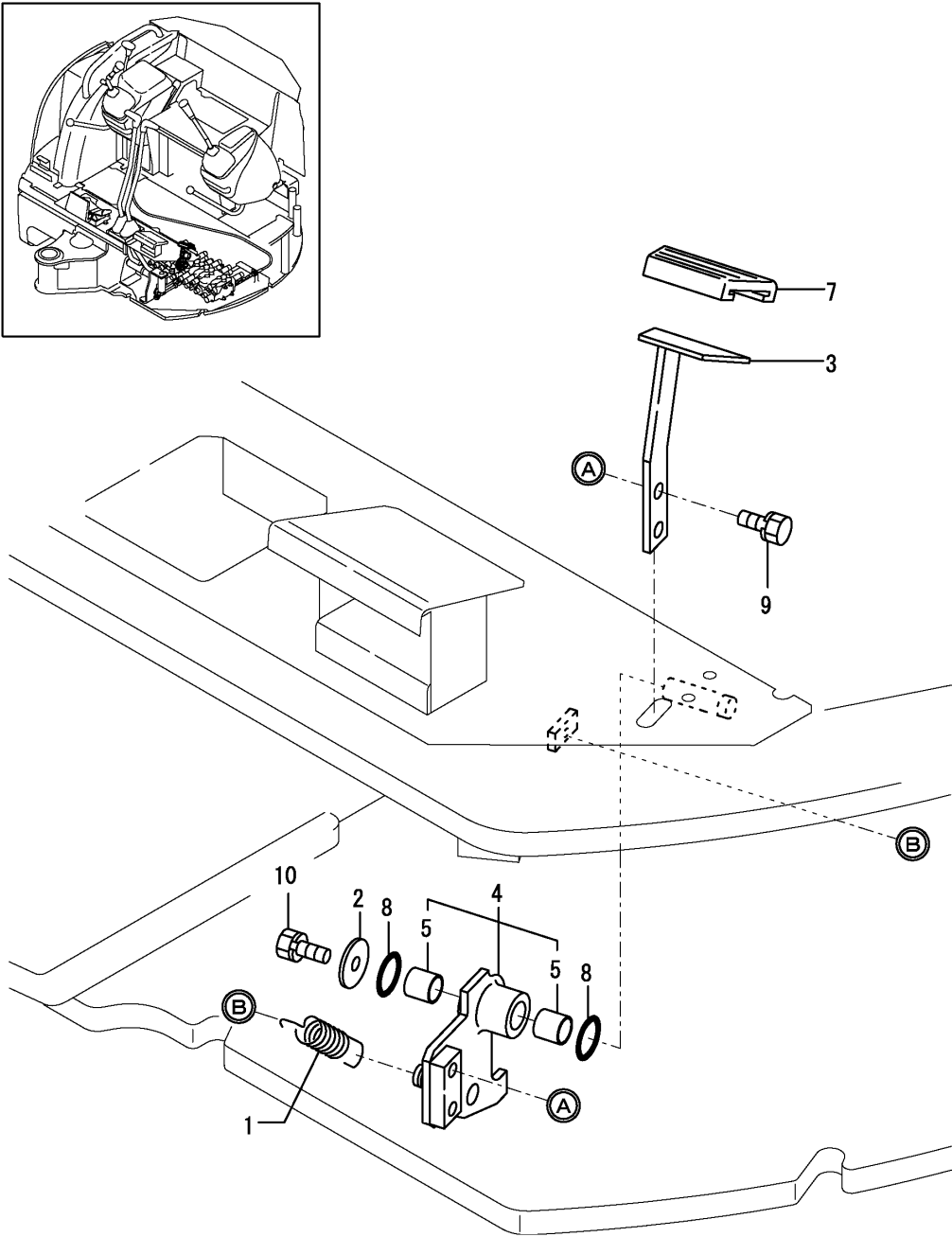


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45700	LEVER, BLADE (GRAY:72)	1	1		1				
2	1	172458-45720	SHAFT ASSY	1	1		1				
3	1	172164-45970	GRIP, BLADE	1	1		1				
4	1	22351-030032	PIN, SPRING 3.0X32	1	1		1				
5	1	22351-050032	PIN, SPRING 5.0X32	1	1		1				
6	1	24311-000210	O-RING, 1AP21.0	2	2		2				
7	1	26116-080202	BOLT, M8X 20 PLATED		2						
7-1	1	26116-080254 (B=M/#21858)	BOLT, M8X 25 PLATED	2	2		2				N
8	1	26716-080002	NUT, M8	2	2		2				
9	1	172456-45800	CABLE, BLADE	1	1		1				
10	2	172458-45810 (B=M/#20501)	JOINT, BALL	1	1		1				W
11	2	26757-050002 (B=M/#20501)	NUT, LOCK M5	1	1		1				W
12	1	22417-160160	PIN, COTTER 1.6X16	1	1		1				
13	1	26051-080002	NUT, M8	1	1		1				
14	1	933110-54100	PIN 4.75X14	1	1		1				
15	1	933168-55770 (B=M/#20501)	BAND 146	1	1		1				W



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-45180	LINK,SWING (GRAY:72)	1	1		1				
2	2	172141-41370	BUSH 2015	2	2		2				
4	1	172458-45200	LINK,PEDAL (GRAY:72)	1	1		1				
5	2	172141-41360	BUSH 1415	2	2		2				
7	1	172458-45230	SHAFT, PEDAL	1	1		1				
8	1	1A1040-45890	WASHER, 10X36X4.5	1	1		1				
9	1	172124-46200	O-RING	2	2		2				
10	1	22217-100000	WASHER, SPRING 10	1	1		1				
11	1	24311-000210	O-RING, 1AP21.0	2	2		2				
12	1	24761-020000	NIPPLE, GREASE PT1/8	1	1		1				
13	1	24761-040000	NIPPLE, GREASE B	1	1		1				
14	1	26013-080162	BOLT, M8X 16	2	2		2				
15	1	26116-080254	BOLT, M8X 25 PLATED	2	2		2				
16	1	26116-100202	BOLT, M10X 20 PLATED	1	1		1				
17	1	26716-080002	NUT, M8	2	2		2				
18	1	172458-45520	PEDAL,SWING(GRAY:72)		1						
18-1	1	172458-45521	PEDAL,SWING(GRAY:72)	1	1		1			S	
(B=M/#20502)											
19	1	172458-45540	COVER, PEDAL	1	1		1				
20	1	172187-45650	SHAFT, COVER		1						
20-1	1	172187-45651	SHAFT	1	1		1			R	
(B=M/#21915)											
21	1	172187-45760	COVER PAD	1	1		1				
22	1	172157-45990	BOOTS, PEDAL	1	1		1				
23	1	172165-46340	BOLT	2	2		2				
24	1	22137-100000	WASHER, 10		2						
24-1	1	22137-100000	WASHER, 10	1	1		1			K	
(B=M/#21915)											
25	1	22417-250200	PIN, COTTER 2.5X20		2						
25-1	1	22417-250200	PIN, COTTER 2.5X20	1	1		1			K	
(B=M/#21915)											
26	1	194200-37780	NUT, M8	1	1		1				
27	1	172734-41300	JOINT, BALL	1	1		1				
28	1	172456-45160	LOD,SWING	1	1		1				
29	1	172823-45940	ROD 130 COMP.	1	1		1				
30	1	172122-46590	ELBOW	2	2		2				
31	1	22117-080000	WASHER, 8	3	3		3				
32	1	22417-160160	PIN, COTTER 1.6X16	1	1		1				
33	1	26051-080002	NUT, M8	5	5		5				
34	1	933110-54100	PIN 4.75X14	1	1		1				

Fig.34. CONTROL EQUIPMENT(LOW-HIGH PEDAL)



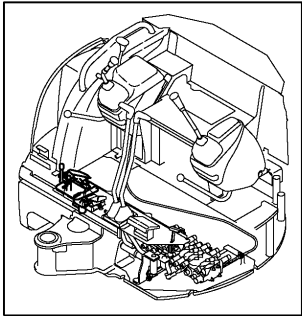
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1	1		1				
2	1	1A1040-43900	WASHER, SPRING	1	1		1				
3	1	172458-45900	PEDAL (GRAY:72)			1					
3-1	1	172472-45900 (B=M/#21745)	PEDAL,LO-HI(GRAY:72)			1					N
3-2	1	172487-45900 (B=M/#22138)	PEDAL,LO-HI(GRAY:72)	1	1		1				N
4	1	172458-45920	BRACKET,PEDAL(GRAY72)	1	1		1				
5	2	172141-41360	BUSH 1415	2	2		2				
7	1	172458-45950	PAD,PEDAL	1	1		1				
8	1	24311-000210	O-RING, 1AP21.0	2	2		2				
9	1	26013-080162	BOLT, M8X 16	2	2		2				
10	1	26013-080202	BOLT, M8X 20	1	1		1				

Fig.35. CONTROL EQUIPMENT(P.T.O. PEDAL)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

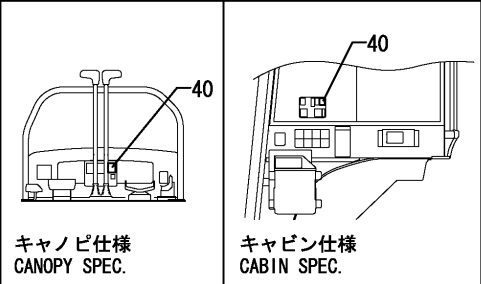
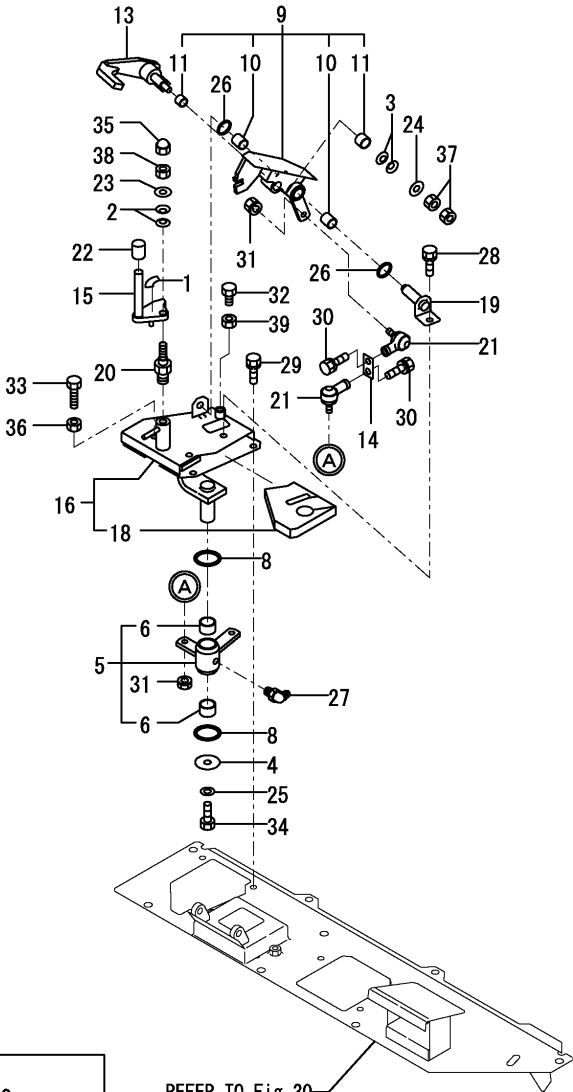
(D)=VIO20-2 P(EX)
(E)=
(F)=



172456-08700
P T Oキットは、
項目NO. 112を参照下さい。
P.T.O. KIT
is shown in Fig. 112.

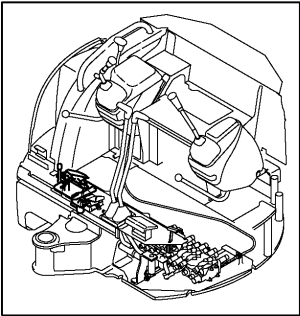
172456-08710
P T Oキット(ロングアーム仕様)は、
項目NO. 113を参照下さい。
P.T.O. KIT(LONG ARM SPEC.)
is shown in Fig. 113.

172456-08720
P T Oキット(フレームエンド)は、
項目NO. 114を参照下さい。
P.T.O. KIT(FRAME END)
is shown in Fig. 114.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-03240	LABEL, LOCK	1	1		1				
2	1	172068-28490	SPRING	2	2		2				
3	1	172068-28490	SPRING	2	2		2				
4	1	1A1040-45890	WASHER, 10X36X4.5	1	1		1				
5	1	172458-46120	LINK B ASSY, P.T.O.		1						
5-1	1	172458-46121	LINK ASSY, PTO	1	1		1				N
(B=M/#20785)											
6	2	172141-41370	BUSH 2015	2	2		2				
8	1	172124-46200	O-RING	2	2		2				
9	1	172458-46230	PEDAL A (GRAY:72)	1	1		1				
10	2	172141-41360	BUSH 1415	2	2		2				
11	2	172110-45050	BUSH 12X12	2	2		2				
13	1	172458-46280	PEDAL B (72)	1	1		1				
14	1	172458-46290	PLATE	1	1		1				
15	1	172458-46350	PLATE, LOCK (GRAY:72)	1	1		1				
16	1	172458-46370	BASE, PEDAL (BLACK:12)		1						
16-1	1	172458-46371	BASE, PEDAL (BLACK:12)	1	1		1				N
(B=M/#20785)											
18	2	172458-46380	RUBBER	1	1		1				
19	1	172187-46400-4	BRACKET (GRAY:72)	1	1		1				
20	1	172187-46430	SHAFT	1	1		1				
21	1	172122-46590	ELBOW	2	2		2				
22	1	172116-46630	KNOB, LEVER	1	1		1				
23	1	22137-080000	WASHER, 8	1	1		1				
24	1	22137-080000	WASHER, 8	1	1		1				
25	1	22217-100000	WASHER, SPRING 10	1	1		1				
26	1	24311-000210	O-RING, 1AP21.0	2	2		2				
27	1	24761-050000	NIPPLE, GREASE C	1	1		1				
28	1	26013-080162	BOLT, M8X 16	1	1		1				
29	1	26013-080162	BOLT, M8X 16	3	3		3				
30	1	26013-080252	BOLT, M8X 25	2	2		2				
31	1	26051-080002	NUT, M8	2	2		2				
32	1	26116-080162	BOLT, M8X 16 PLATED		1						
32-1	1	26116-080202	BOLT, M8X 20 PLATED		1						N
(B=M/#20785)											
32-2	1	26116-080254	BOLT, M8X 25 PLATED	1	1		1				N
(B=M/#21858)											
33	1	26116-080304	BOLT, M8X 30 PLATED	1	1		1				
34	1	26116-100202	BOLT, M10X 20 PLATED	1	1		1				
35	1	26658-080002	NUT, CAP M8	1	1		1				
36	1	26716-080002	NUT, M8	1	1		1				
37	1	26756-080002	NUT, LOCK M8	2	2		2				
38	1	26756-080002	NUT, LOCK M8	1	1		1				
39	1	26756-080002	NUT, LOCK M8	1	1		1				
40	1	172458-03270	LABEL		1						
40-1	1	172490-03210	LABEL, P.T.O.		1						N
(B=M/#25604)											
40-1	1	172490-03210	LABEL, P.T.O.		1						N
(B=M/#25604)											
40-1	2	172490-03210	LABEL, P.T.O.	1	1		1				N
(B=M/#25604)											

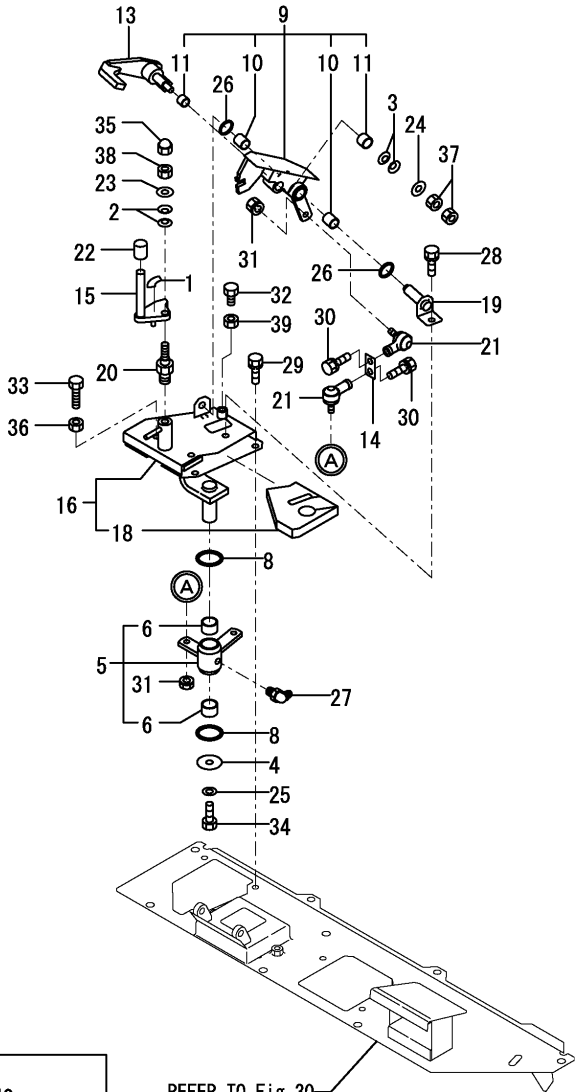
Fig.35. CONTROL EQUIPMENT(P.T.O. PEDAL)



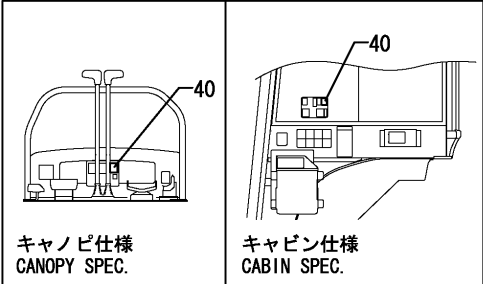
172456-08700
P T Oキットは、
項目NO. 112を参照下さい。
P. T. O. KIT
is shown in Fig. 112.

172456-08710
P T Oキット (ロングアーム仕様) は、
項目NO. 113を参照下さい。
P. T. O. KIT (LONG ARM SPEC.)
is shown in Fig. 113.

172456-08720
P T Oキット (フレームエンド) は、
項目NO. 114を参照下さい。
P. T. O. KIT (FRAME END)
is shown in Fig. 114.



REFER TO Fig. 30

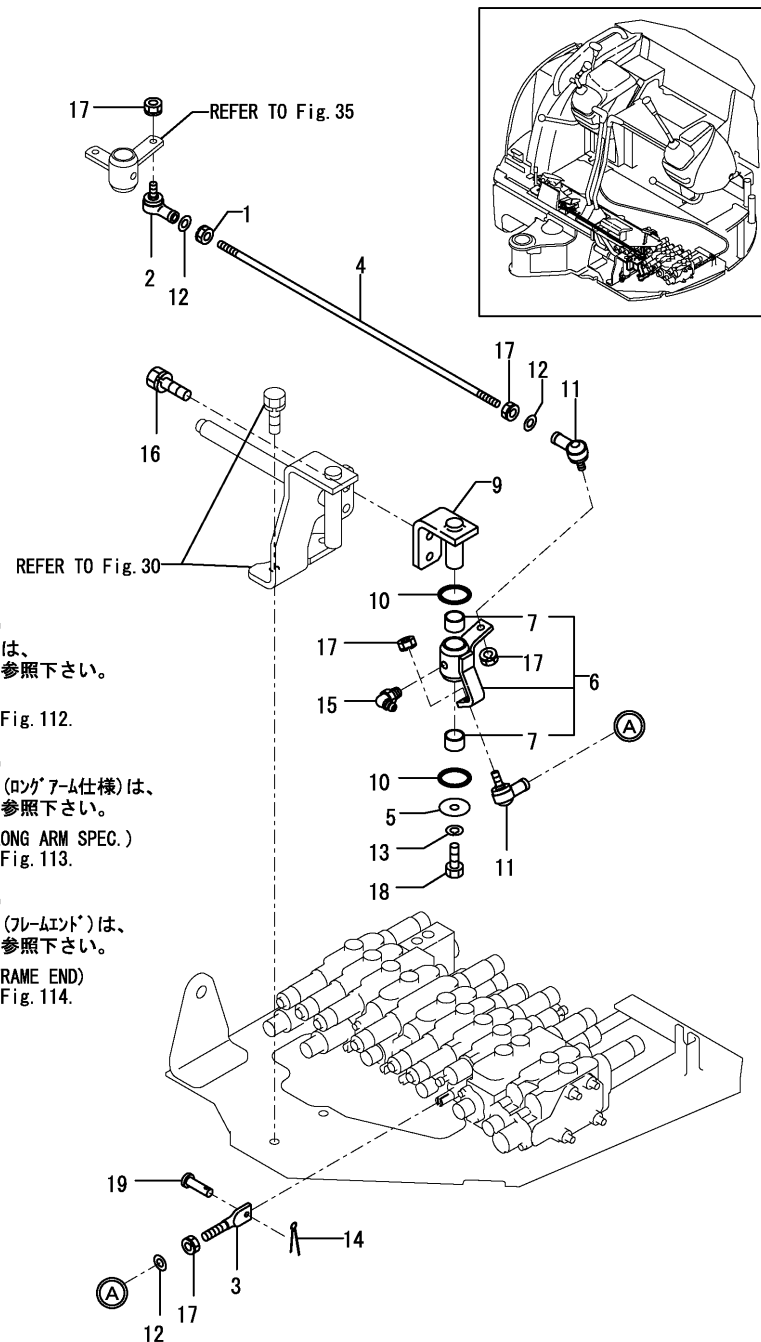


キャノピ仕様
CANOPY SPEC.

キャビン仕様
CABIN SPEC.

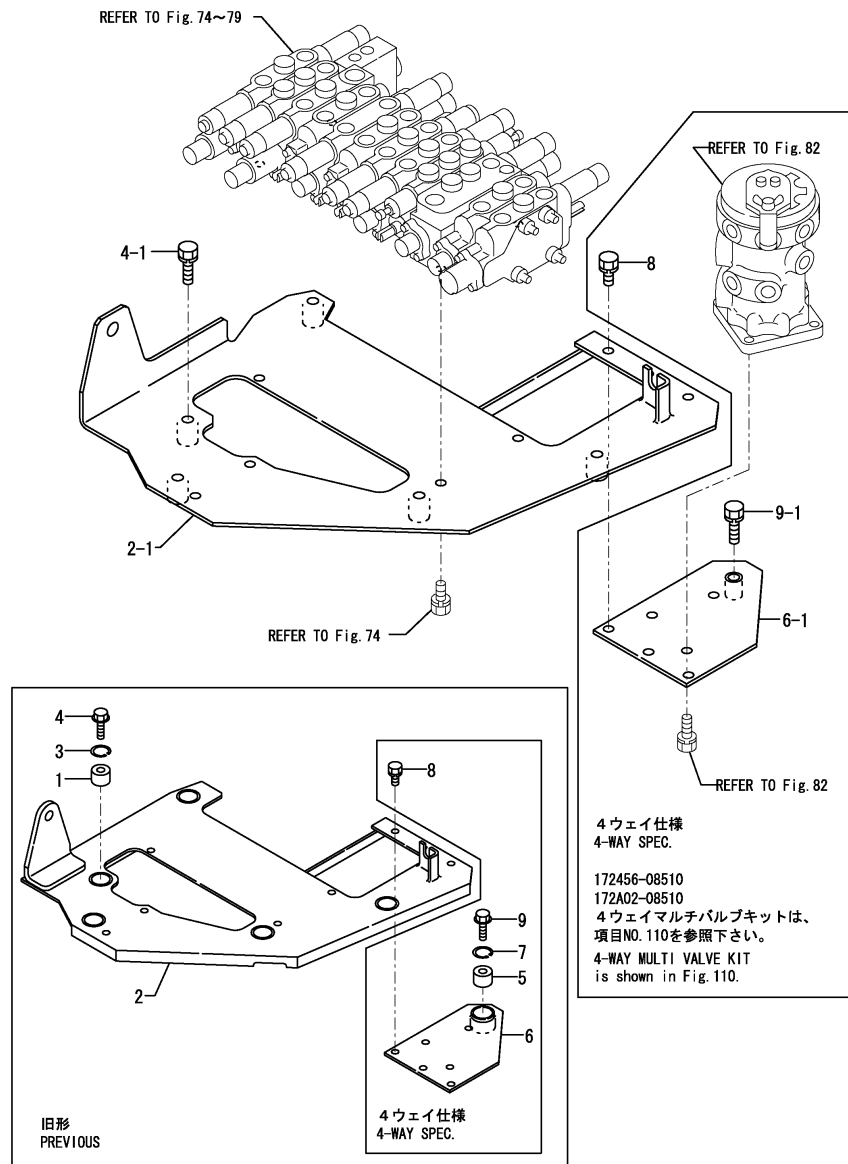
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40-1	2	172490-03210	LABEL, P.T.O. (B=M/#25604)		1		1				N



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194200-37780	NUT, M8	1	1		1				
2	1	172734-41300	JOINT, BALL	1	1		1				
3	1	172823-45000	ROD 54, SPOOL	1	1		1				
4	1	172456-45170	ROD, P.T.O.	1	1		1				
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1		1				
6	1	172458-46100	LINK ASSY, PTO	1	1		1				
7	2	172141-41370	BUSH 2015	2	2		2				
9	1	172458-46150	BRACKET,P.T.O. (72)	1	1		1				
10	1	172124-46200	O-RING	2	2		2				
11	1	172122-46590	ELBOW	2	2		2				
12	1	22117-080000	WASHER, 8	3	3		3				
13	1	22217-100000	WASHER, SPRING 10	1	1		1				
14	1	22417-160160	PIN, COTTER 1.6X16	1	1		1				
15	1	24761-050000	NIPPLE, GREASE C	1	1		1				
16	1	26013-100202	BOLT, M10X 20	2	2		2				
17	1	26051-080002	NUT, M8	5	5		5				
18	1	26116-100202	BOLT, M10X 20 PLATED	1	1		1				
19	1	933110-54100	PIN 4.75X14	1	1		1				

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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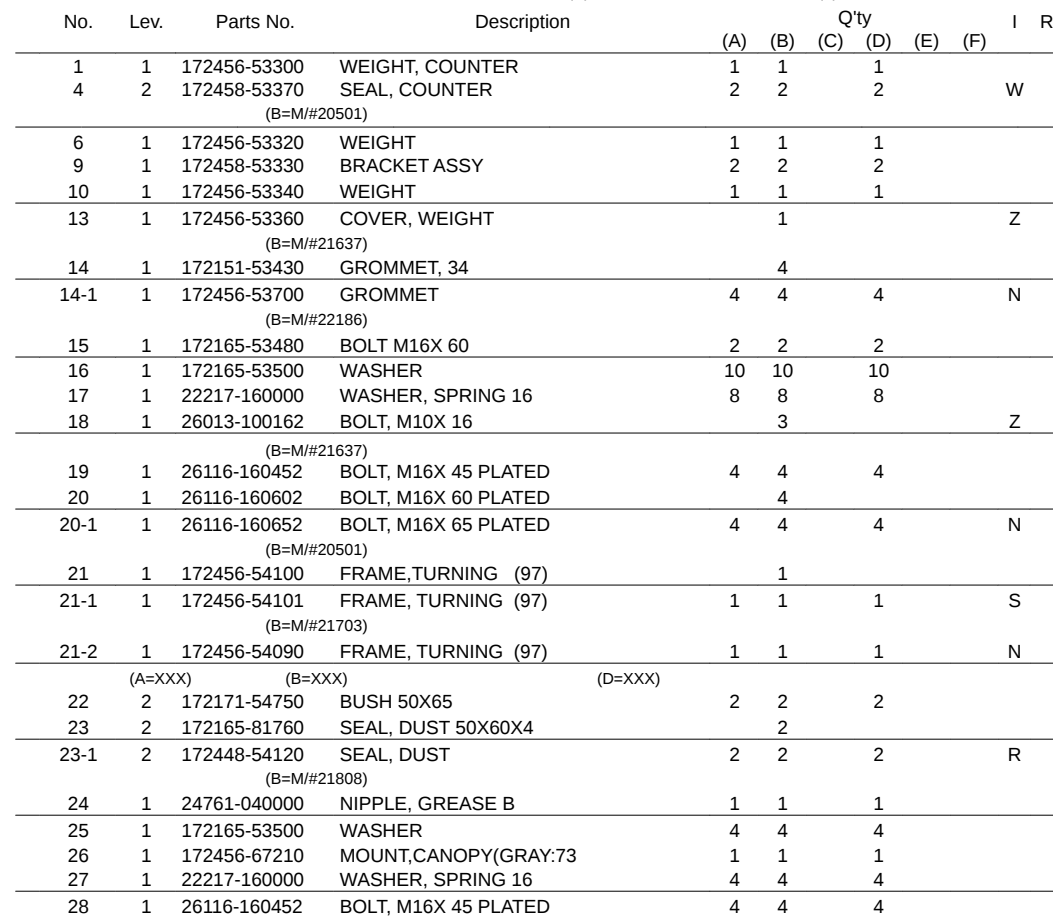
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-45490 (B=M/#21745)	CUSHION		5						Z
2	1	172458-45600	PLATE ASSY,VALVE		1						
2-1	1	172487-45600 (B=M/#21745)	PLATE,VALVE(GRAY:72)	1	1		1				F 2
3	1	22252-000280 (B=M/#21745)	RING, 28		5						Z
4	1	26106-100352	BOLT, M10X 35 PLATED		5						
4-1	1	26013-100402 (B=M/#21745)	BOLT, M10X 40	5	5		5				S
5	1	172165-45490 (B=M/#22501)	CUSHION		1						Z 1
6	1	172456-74200	BRACKET,MULTI		1						1
6-1	1	172487-74200 (B=M/#22501)	BRACKET,MULTI	1	1						F 3
7	1	22252-000280 (B=M/#22501)	RING, 28		1						Z 1
8	1	26013-100202	BOLT, M10X 20	3	3						1
9	1	26106-100352	BOLT, M10X 35 PLATED		1						1
9-1	1	26013-100352 (B=M/#22501)	BOLT, M10X 35	1	1						S 1

(1)4-WAY SPEC.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.4-1.
(3)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.9-1.

Fig.38. TURNING FRAME

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



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

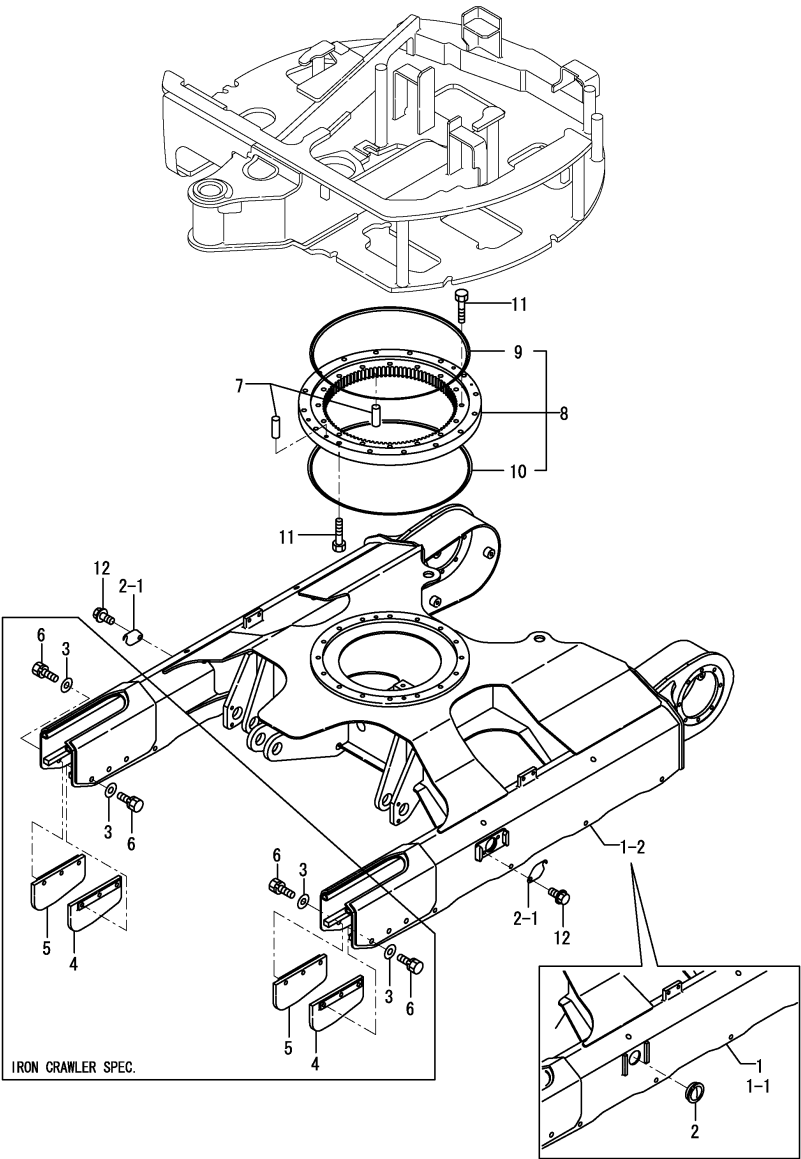
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Fig.39. TRACK FRAME & TURNING BEARING

OCK10-M37602 Fig.39

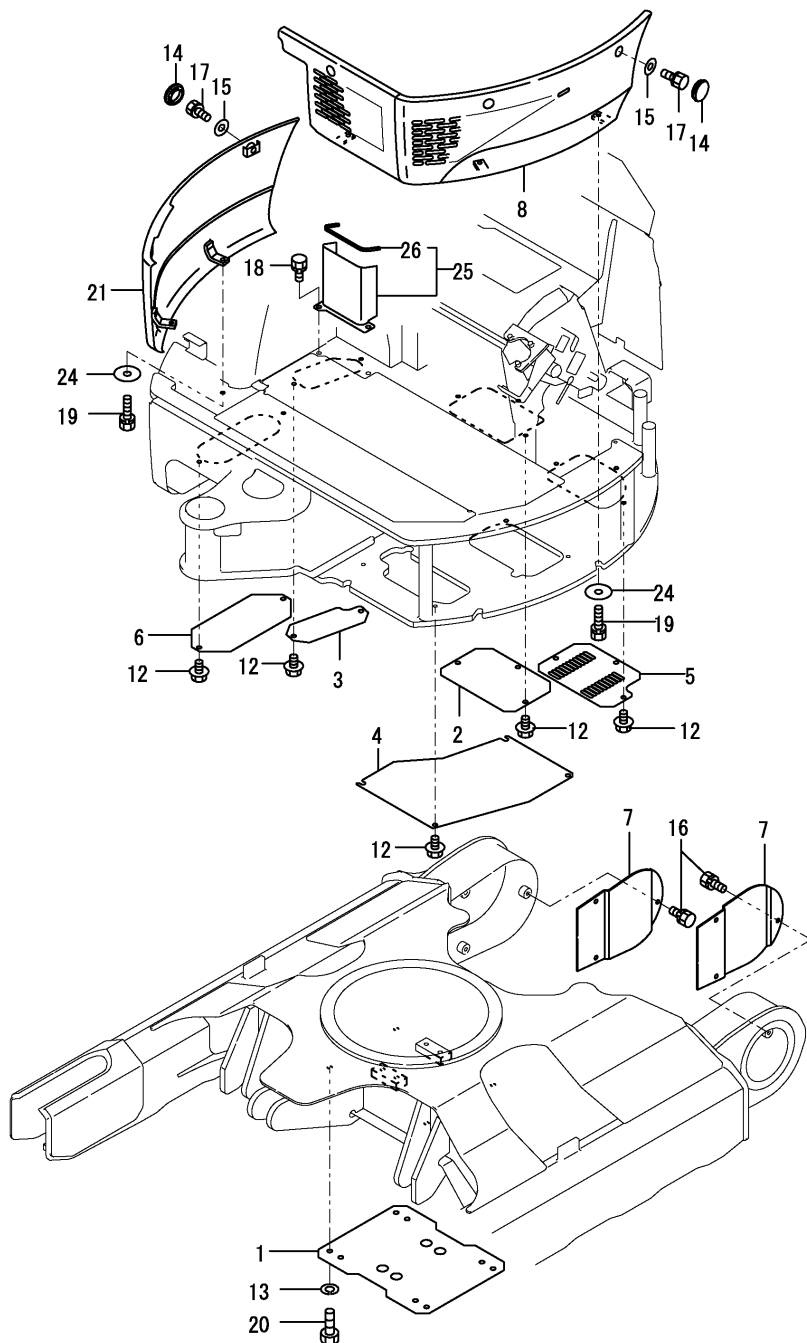
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



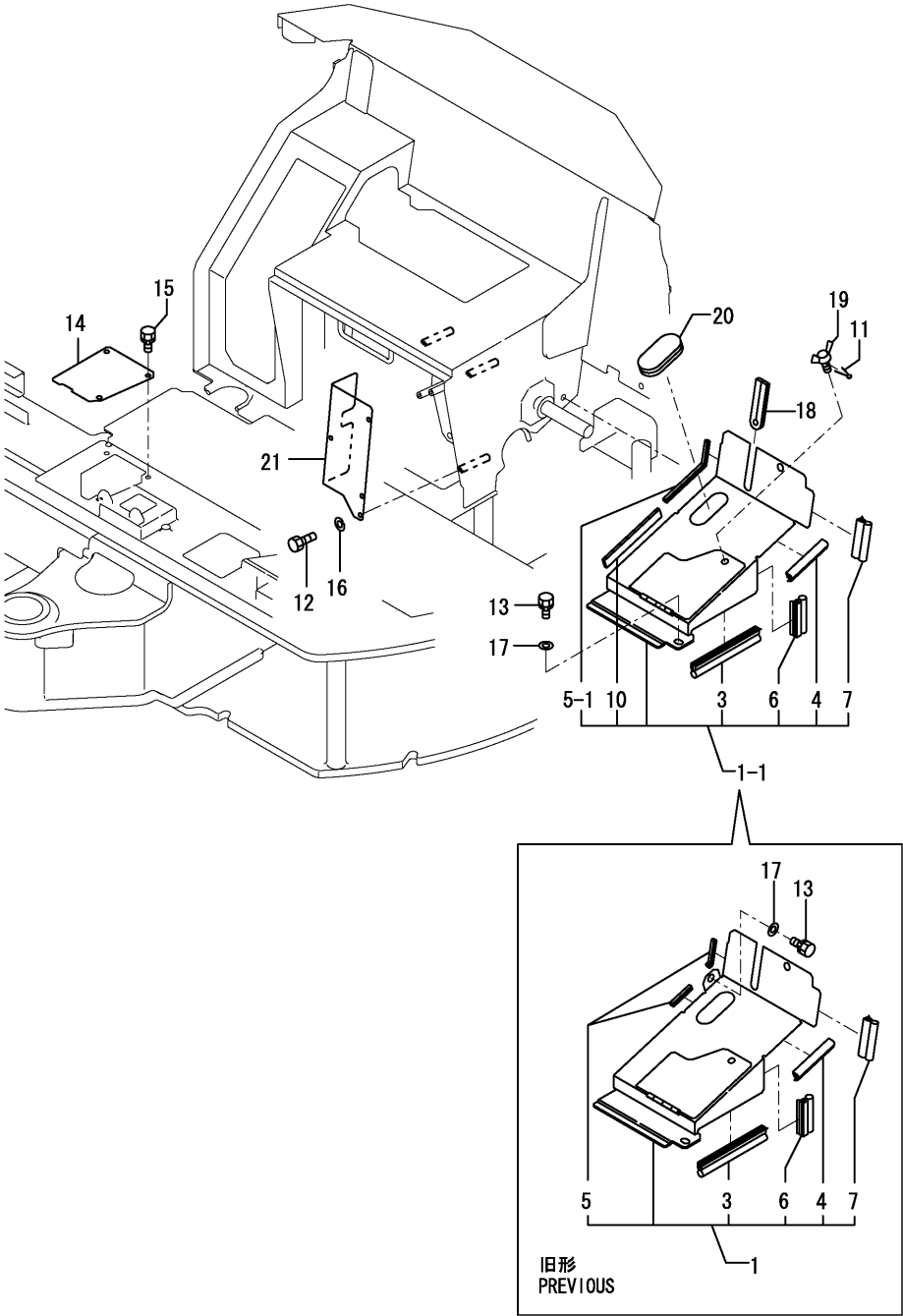
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-50100	FRAME,LOWER(GREEN:88		1						
1-1	1	172456-50101	FRAME,LOWER(GREEN:88		1					R	
(B=M/#21637)											
1-2	1	172456-50102	FRAME,LOWER(GREEN:88	1	1		1			F	2
(B=M/#22511)											
2	1	172141-50890	GROMMET		2						
2-1	1	172458-50480	COVER, FRAME	2	2		2			S	2
(B=M/#22511)											
3	1	172730-05250	WASHER 12	12	12		12				1
4	1	172456-50800	GUARD, SHOE	2	2		2				1
5	1	172456-50830	GUARD, SHOE	2	2		2				1
6	1	26013-120352	BOLT, M12X 35	12	12		12				1
7	1	194940-24350	PIN, 10X28	3	3		3				
8	1	172456-57600	BEARING,TURNING	1	1		1				
9	2	172183-57620	SEAL, TURNING	1	1		1				
10	2	172183-57630	SEAL, TURNING	1	1		1				
11	1	172141-57650	BOLT M12X 55 PLATED	32	32		32				
12	1	26106-100122	BOLT, M10X 12 PLATED	4	4		4			W	2
(B=M/#22511)											

Remarks
(1)IRON CRAWLER SPEC.
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.2-1 &
NO.12.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-50762-1	COVER								
1-1	1	172141-50763-3	COVER		1	1	1				N
		(A=MXXXXX)	(B=MXXXXX)	(D=MXXXXX)							
2	1	172456-61100	COVER		1	1	1				
3	1	172456-61110	COVER		1	1	1				
4	1	172458-61110	COVER, VALVE		1	1	1				
5	1	172456-61130	PLATE A,PUMP(GREEN97		1	1	1				
6	1	172458-61150	COVER, FUEL		1	1	1				
7	1	172173-61190-1	COVER, TRAVEL		2	2	2				
7-1	1	172173-61191	COVER, TRAVEL		2	2	2				N
		(A=MXXXXX)	(B=MXXXXX)	(D=MXXXXX)							
8	1	172456-61200	COVER, FRAME		1	1	1				
12	1	26106-100162	BOLT, M10X 16 PLATED		14	14	14				
13	1	22217-120000	WASHER, SPRING 12		4	4	4				
14	1	172455-61600	PLUG 28X3.2		5	5	5				
15	1	22137-100000	WASHER, 10		5	5	5				
16	1	26013-100202	BOLT, M10X 20		6	6	6				
17	1	26013-100202	BOLT, M10X 20		5	5	5				
18	1	26013-100202	BOLT, M10X 20			2					
18-1	1	26106-100202	BOLT, M10X 20 PLATED		2	2	2				N
		(B=M/#20862)									
19	1	26013-100352	BOLT, M10X 35		5	5	5				
20	1	26116-120252	BOLT, M12X 25 PLATED		4	4	4				
21	1	172456-61260	COVER, FRAME		1	1	1				
24	1	172458-61260	WASHER			5					
24-1	1	172458-61261	WASHER		5	5	5				N
		(B=M/#21169)									
25	1	172458-61350	PLATE (GRAY:73)			1					
25-1	1	172458-61351	PLATE (GRAY:73)		1	1	1				N
		(B=M/#20508)									
26	2	172186-13590	TRIM		1	1	1				

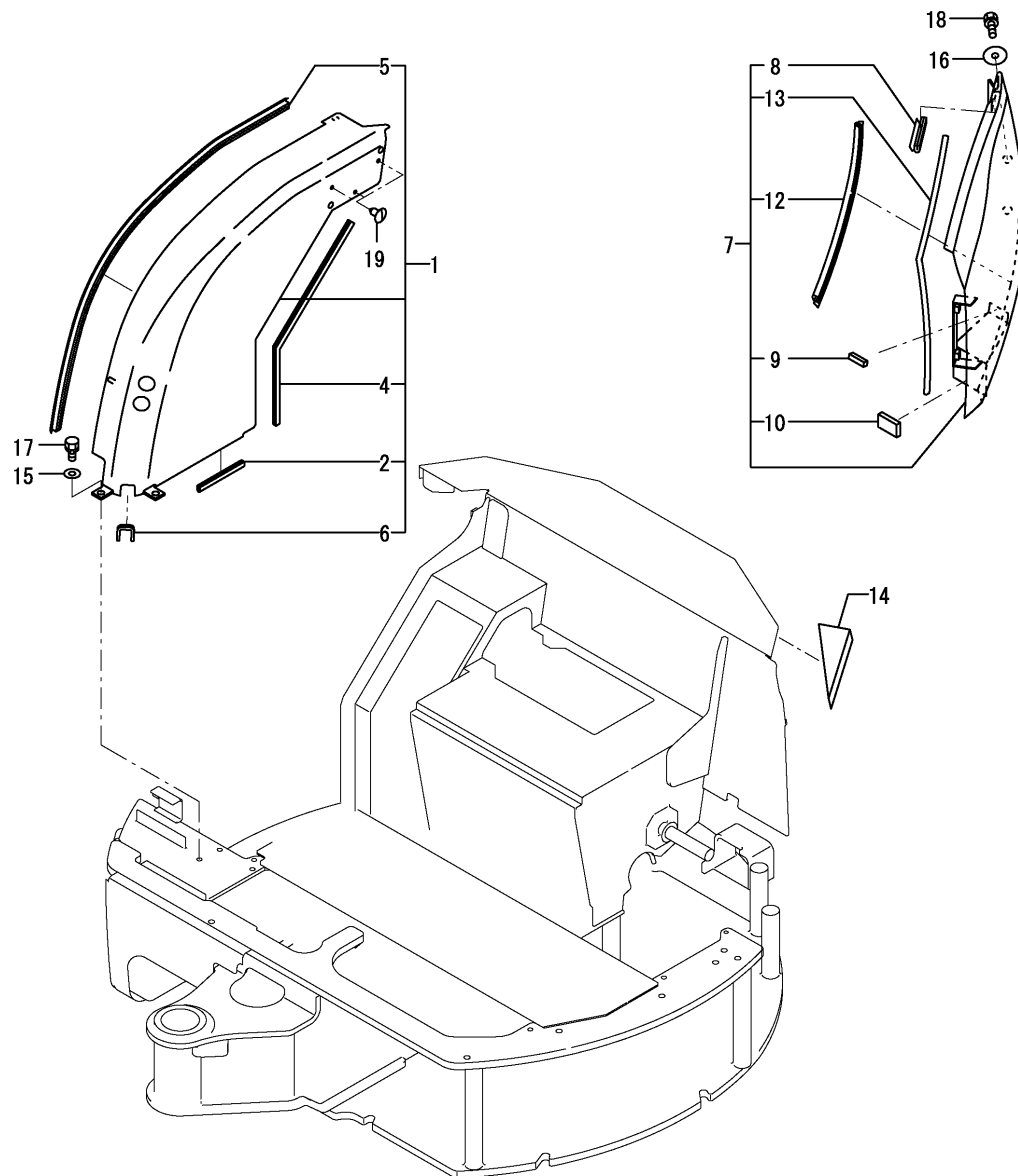
Fig.41. COVER(AROUND CONTROL)



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

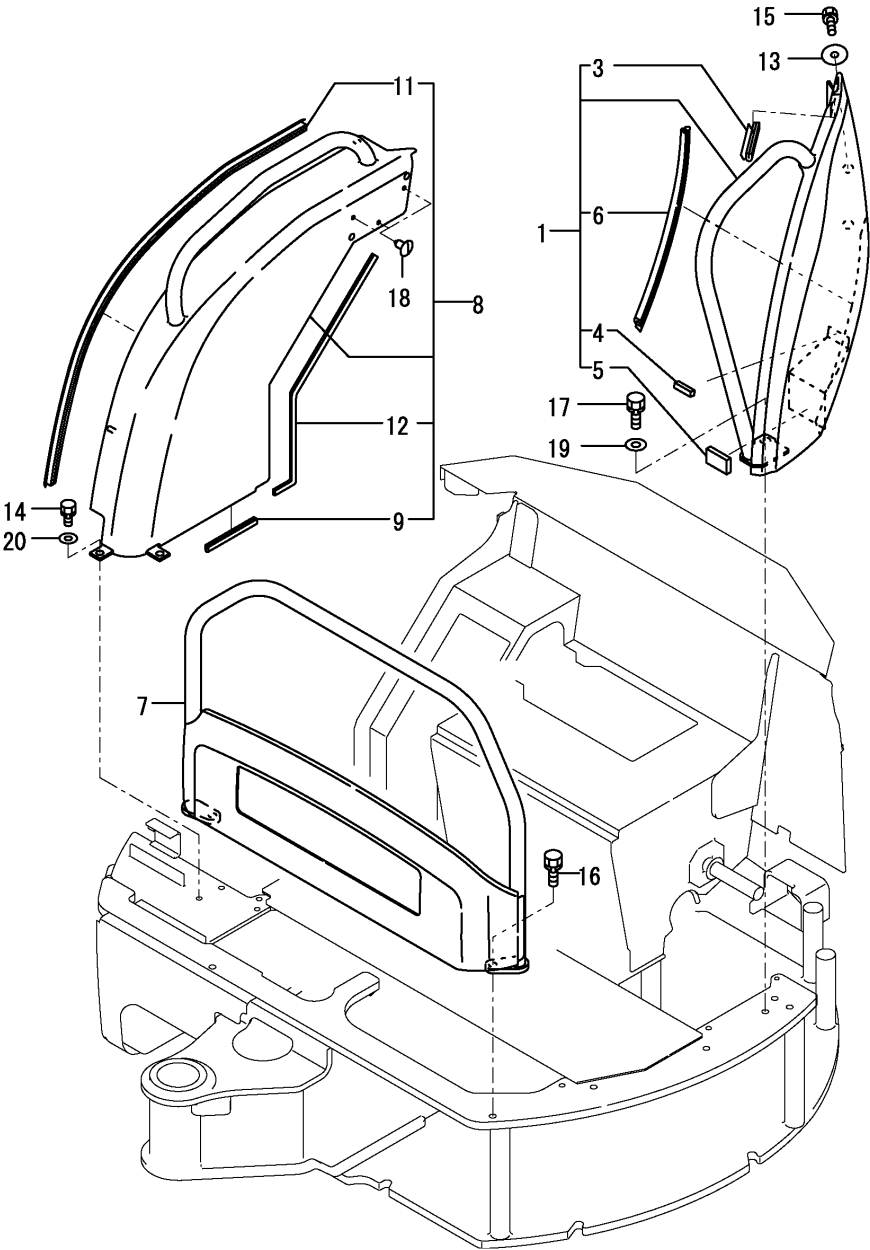
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61150	COVER ASSY, MULTI		1						
1-1	1	172456-61151	COVER ASSY, MULTI (B=M/#21920)	1	1		1			S	
1-2	1	172456-61152	COVER ASSY, MULTI (A=MXXXXX) (B=MXXXXX) (D=MXXXXX)	1	1		1			N	
1-3	1	172456-61153-2	COVER ASSY, MULTI (A=MXXXXX) (B=MXXXXX)	1	1					N	
3	2	172164-61250	RUBBER, SEAL	1	1		1				
4	2	172456-61340	RUBBER, SEAL 105	1	1		1				
5	2	172183-61360	TRIM		2						
5-1	2	172146-61370	RUBBER, SEAL (B=M/#21920)	1	1		1			S	
6	2	172171-65850	RUBBER, SEAL	1	1		1				
7	2	172164-66800	RUBBER, SEAL 60	1	1		1				
10	2	172458-61540	SEAL, MULTI COVER (B=M/#21920)	1	1		1			W	
11	1	22417-320200	PIN, COTTER 3.2X20	1	1		1				
12	1	26116-060122	BOLT, M6X 12 PLATED	3	3		3				
13	1	26013-100202	BOLT, M10X 20		4						
13-1	1	26013-100202	BOLT, M10X 20 (B=M/#21920)	2	2		2			K	
14	1	172458-45500	PLATE (BLACK:12)	1	1		1				
15	1	26013-080162	BOLT, M8X 16	3	3		3				
16	1	22217-060000	WASHER, SPRING 6	3	3		3				
17	1	22137-100000	WASHER, 10		3						
17-1	1	22137-100000	WASHER, 10 (B=M/#21920)	2	2		2			K	
18	1	172458-61300	GROMMET	1	1		1				
19	1	172142-62300	WING BOLT M10X15	1	1		1				
20	1	172146-41320	GROMMET (B=M/#20580)	1	1		1			W	
21	1	172456-64640	COVER, ELECTRIC	1	1		1				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61730	COVER ASSY	1							
2	2	172156-11150	SEAL, ENGINE	1							
4	2	172458-64140	SEAL	1							
5	2	172165-65460	RUBBER, SEAL	1							
6	2	172175-65641	TRIM	1							
7	1	172456-61800	BONNET L,CAB(GREEN96	1							
8	2	172456-61480	RUBBER, SEAL 95	1							
9	2	172456-61490	SEAL	1							
10	2	172456-61500	SEAL	1							
12	2	172183-65560	RUBBER, SEAL 390	1							
13	2	172164-66630	RUBBER, SEAL	1							
14	1	172460-61960	SEAL	1							
15	1	22137-100000	WASHER, 10	4							
16	1	22157-100000	WASHER, 10	4							
17	1	26013-100202	BOLT, M10X 20	4							
18	1	26013-100252	BOLT, M10X 25	4							
19	1	172458-64610	CLIP, TREE	3							

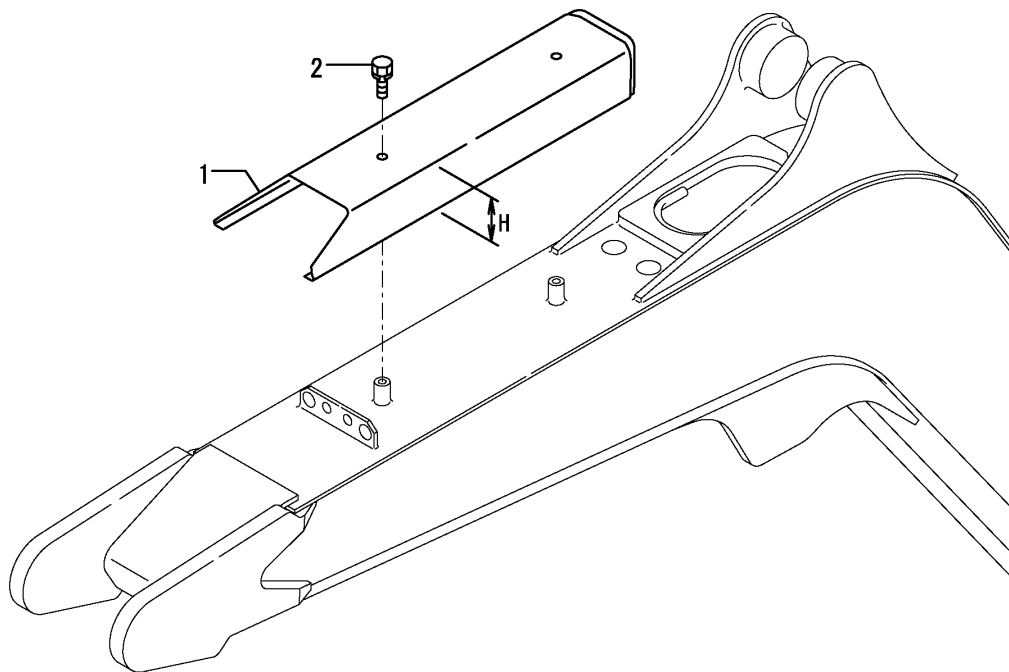
Fig.43. COVER(CANOPY & ROPS CANOPY SPEC.)



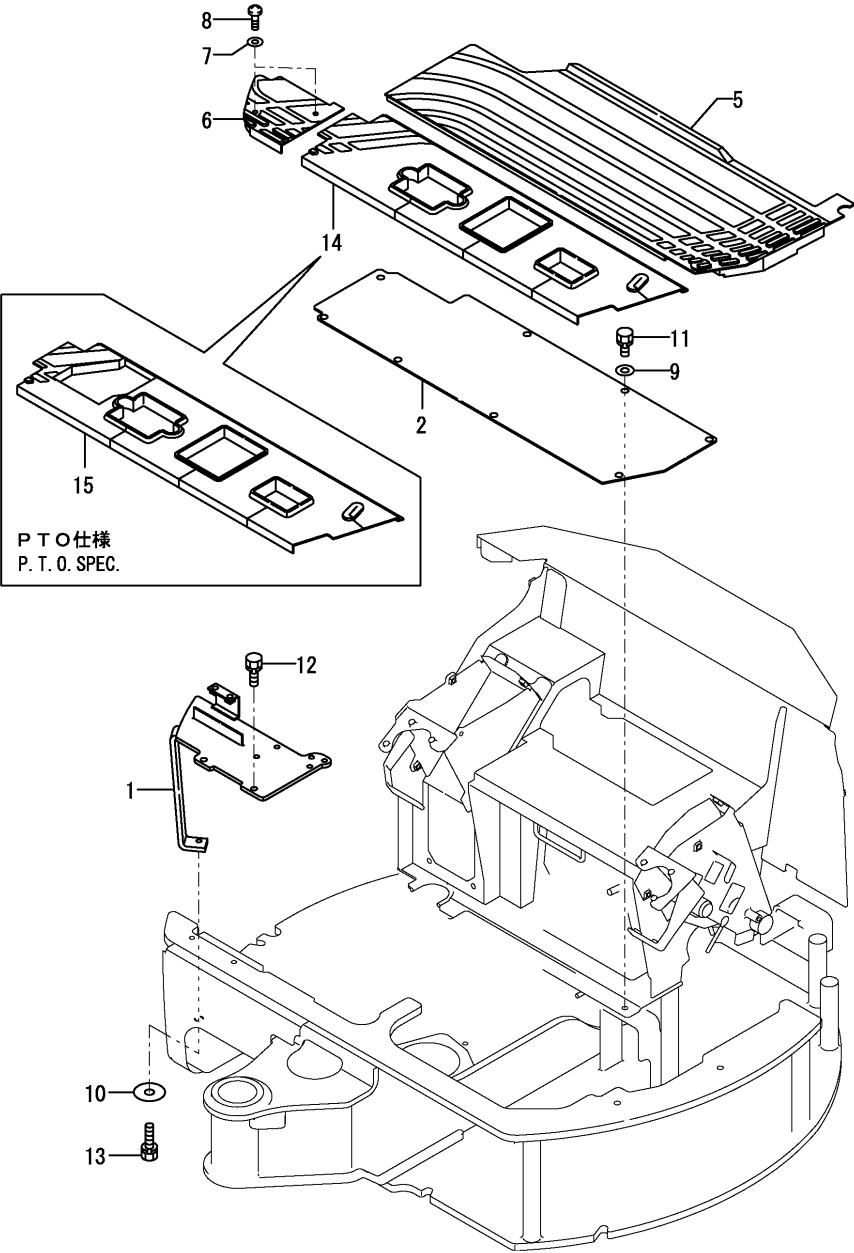
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61400	BONNET L		1		1				
3	2	172456-61480	RUBBER, SEAL 95		1		1				
4	2	172456-61490	SEAL		1		1				
5	2	172456-61500	SEAL		1		1				
6	2	172183-65560	RUBBER, SEAL 390		1		1				
7	1	172458-61600	COVER ASSY		1		1				1
8	1	172456-61690	COVER ASSY		1		1				
9	2	172156-11150	SEAL, ENGINE		1		1				
11	2	172165-65460	RUBBER, SEAL		1		1				
12	2	172458-64140	SEAL		1		1				W
(B=M/#20501)											
13	1	22157-100000	WASHER, 10		2		2				
14	1	26013-100202	BOLT, M10X 20		5						
14-1	1	26013-100202	BOLT, M10X 20		4		4				K
(B=M/#21858)											
15	1	26013-100252	BOLT, M10X 25		2		2				
16	1	26013-120302	BOLT, M12X 30		2		2				1
17	1	26013-120302	BOLT, M12X 30		1		1				
18	1	172458-64610	CLIP, TREE		3		3				
19	1	22137-120000	WASHER, 12		1		1				
20	1	22137-100000	WASHER, 10		5						W
(B=M/#20501)											
20-1	1	22137-100000	WASHER, 10		4		4				K
(B=M/#21858)											

Remarks
(1)NOT APPLIED FOR ROPS CANOPY SPEC.

[illegible]

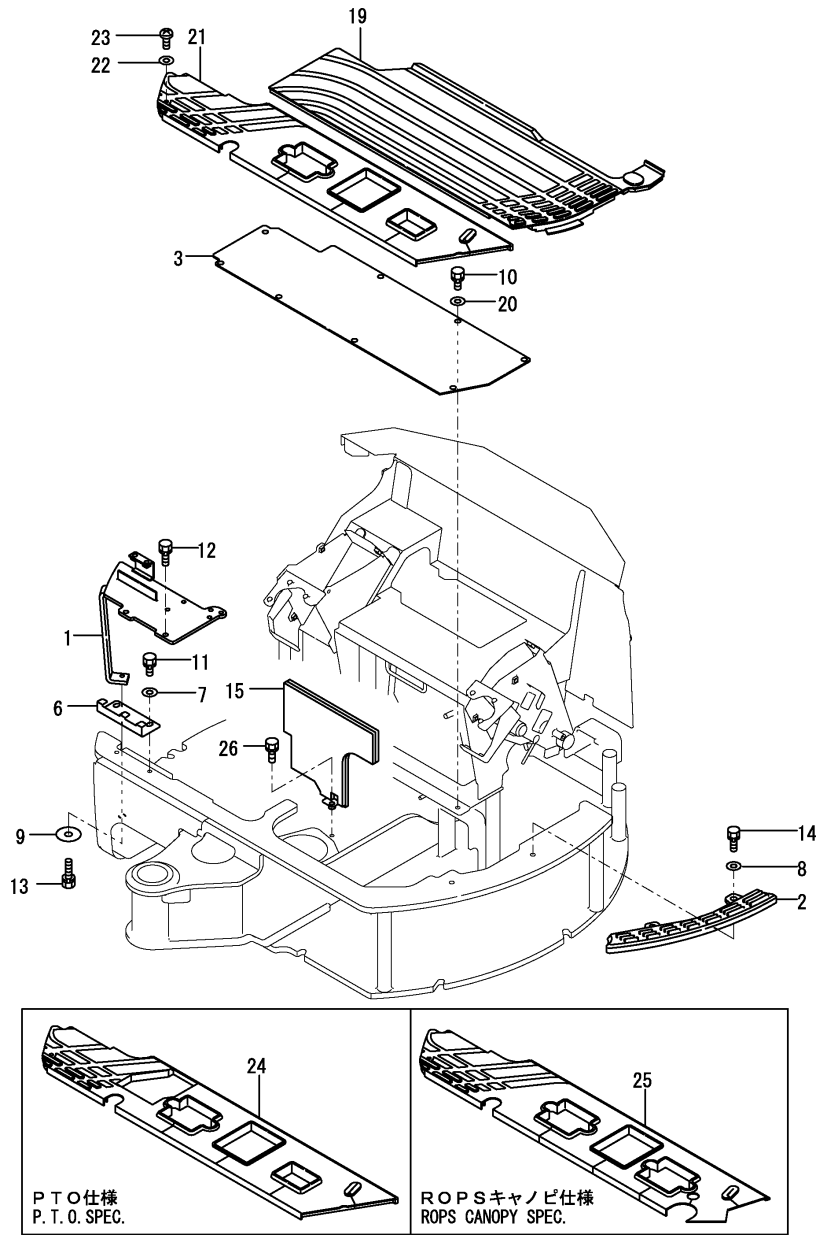
Remarks
(1)H=REF.NO.1:32MM,NO.1-1:28MM.



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

OCK10-M37602 Fig.45									
(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)= (D)=VIO20-2 P(EX) (E)= (F)=									
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172456-62100	STEP	1					
2	1	172456-62170	STEP ASSY	1					
5	1	172456-62300	MAT, FLOOR	1					
6	1	172456-62320	FLOORMAT C, CAB	1					
7	1	172458-62430	WASHER M8	2					
8	1	172137-69850	SCREW	2					
9	1	22137-100000	WASHER, 10	8					
10	1	22157-100000	WASHER, 10	1					
11	1	26013-100202	BOLT, M10X 20	8					
12	1	26013-100252	BOLT, M10X 25	2					
13	1	26013-100352	BOLT, M10X 35	1					
14	1	172456-62310	MAT, FLOOR	1					
15	1	172456-62520	MAT, FLOOR B(CAB PTO	1					1

Fig.46. STEP(CANOPY & ROPS CANOPY SPEC.)



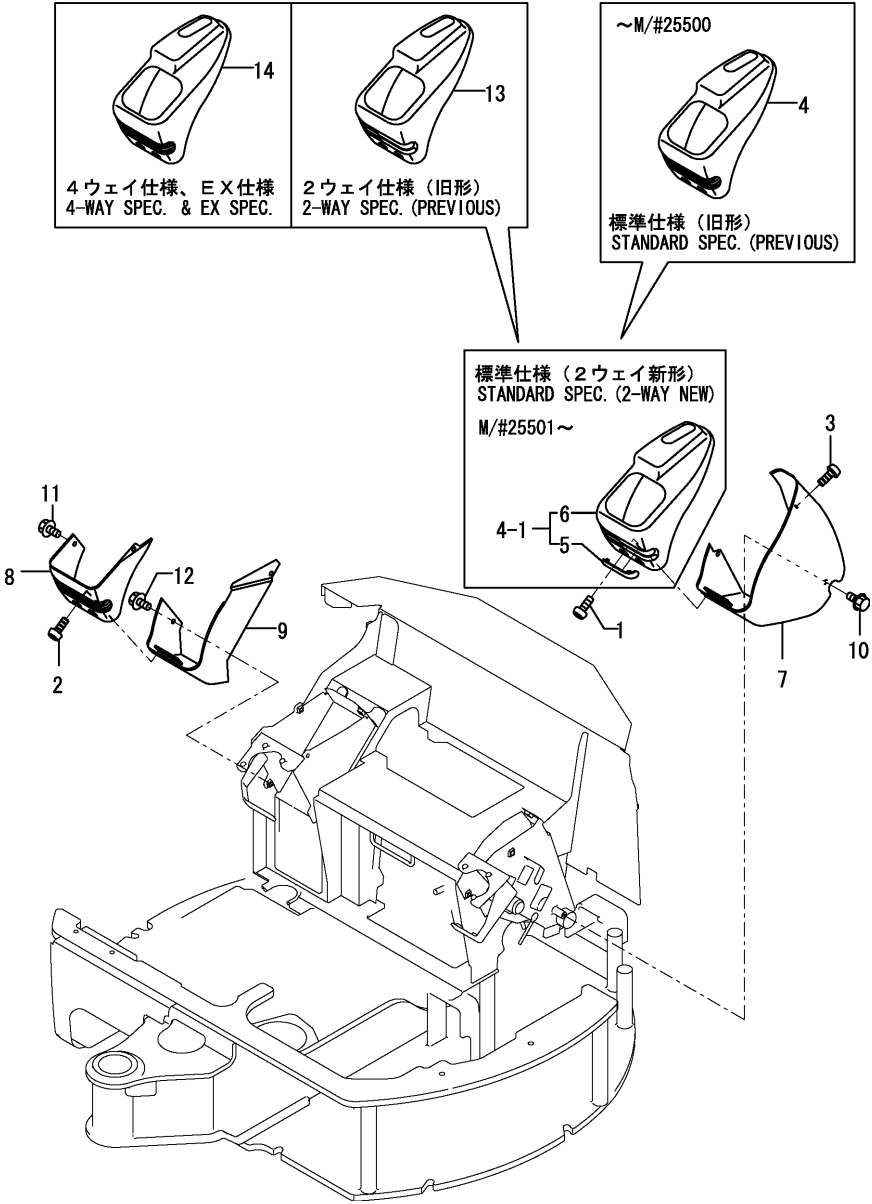
Remarks
(1)P.T.O. SPEC.
(2)ROPS CANOPY SPEC.

OCK10-M37602 Fig.46											
				(A)=VIO20-2 C(JP)	(D)=VIO20-2 P(EX)						
				(B)=VIO20-2 P(JP)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-62100	STEP		1		1				
2	1	172458-62110	STEP		1		1				
3	1	172456-62170	STEP ASSY		1		1				
6	1	172456-62500	HOOK,FLOOR MAT (12)		1		1				
7	1	22137-100000	WASHER, 10		2		2				
8	1	22137-120000	WASHER, 12		2		2				
9	1	22157-100000	WASHER, 10		1		1				
10	1	26013-100202	BOLT, M10X 20		8		8				
11	1	26013-100202	BOLT, M10X 20		2		2				
12	1	26013-100252	BOLT, M10X 25		2		2				
13	1	26013-100352	BOLT, M10X 35		1		1				
14	1	26013-120302	BOLT, M12X 30		2		2				
15	1	172456-62800	PLATE		1					Z	
(B=M/#21745)											
19	1	172456-62200	MAT A		1		1				
20	1	22137-100000	WASHER, 10		8		8			W	
(B=M/#20580)											
21	1	172456-62210	MAT, FLOOR (B		1		1				
22	1	172458-62430	WASHER M8		1		1				
23	1	172137-69850	SCREW		1		1				
24	1	172456-62510	MAT, FLOOR B P.T.O.		1		1				1
25	1	172456-62230	MAT, FLOOR		1						2
26	1	26013-100252	BOLT, M10X 25		1					Z	
(B=M/#21745)											

Fig.47. INSTRUMENT PANEL

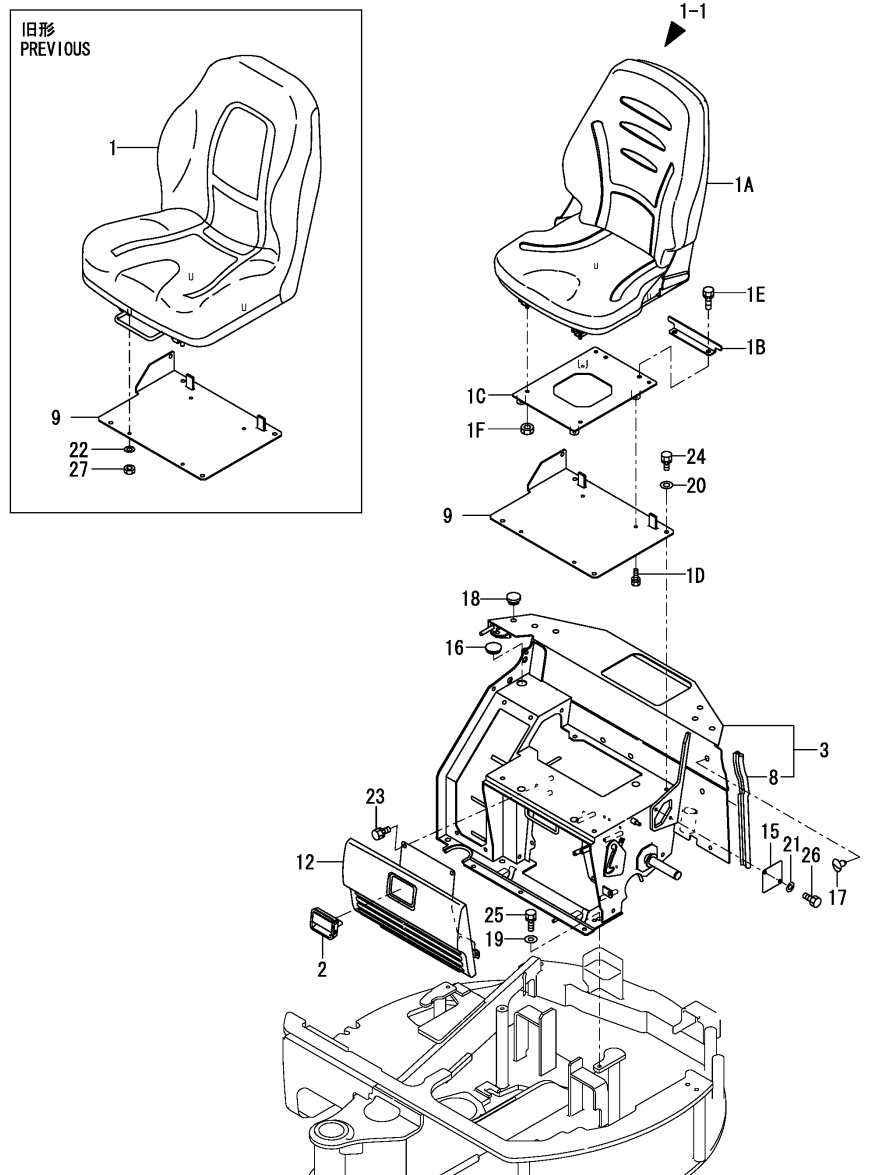
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46720	BOLT 8X20	3	3		3				
2	1	172458-46720	BOLT 8X20	2	2		2				
3	1	172458-46720	BOLT 8X20	1	1		1				
4	1	172458-63100	INSTRUMENT PANEL L		1						
4-1	1	172490-61920	INSTRUMENT PANEL ASY (B=M/#25501)	1	1					S	1
5	2	172490-61950	COVER, PANEL (B=M/#25501)	1	1						W
6	2	172458-63110	INSTRUMENT PANEL L,2 (B=M/#25501)	1	1						W
7	1	172458-63120	INSTRUMENT PANEL L	1	1		1				
8	1	172458-63130	INSTRUMENT PANEL R	1	1		1				
9	1	172458-63140	INSTRUMENT PANEL R	1	1		1				
10	1	172519-63240	BOLT	2	2		2				
11	1	172519-63240	BOLT	1	1		1				
12	1	172519-63240	BOLT	2	2		2				
13	1	172458-63110	INSTRUMENT PANEL L,2		1						2
14	1	172458-63100	INSTRUMENT PANEL L	1	1		1				3

Remarks
(1)STANDARD SPEC.(2-WAY NEW)
(2)2-WAY SPEC.(PREVIOUS)
(3)4-WAY SPEC. & EX SPEC.

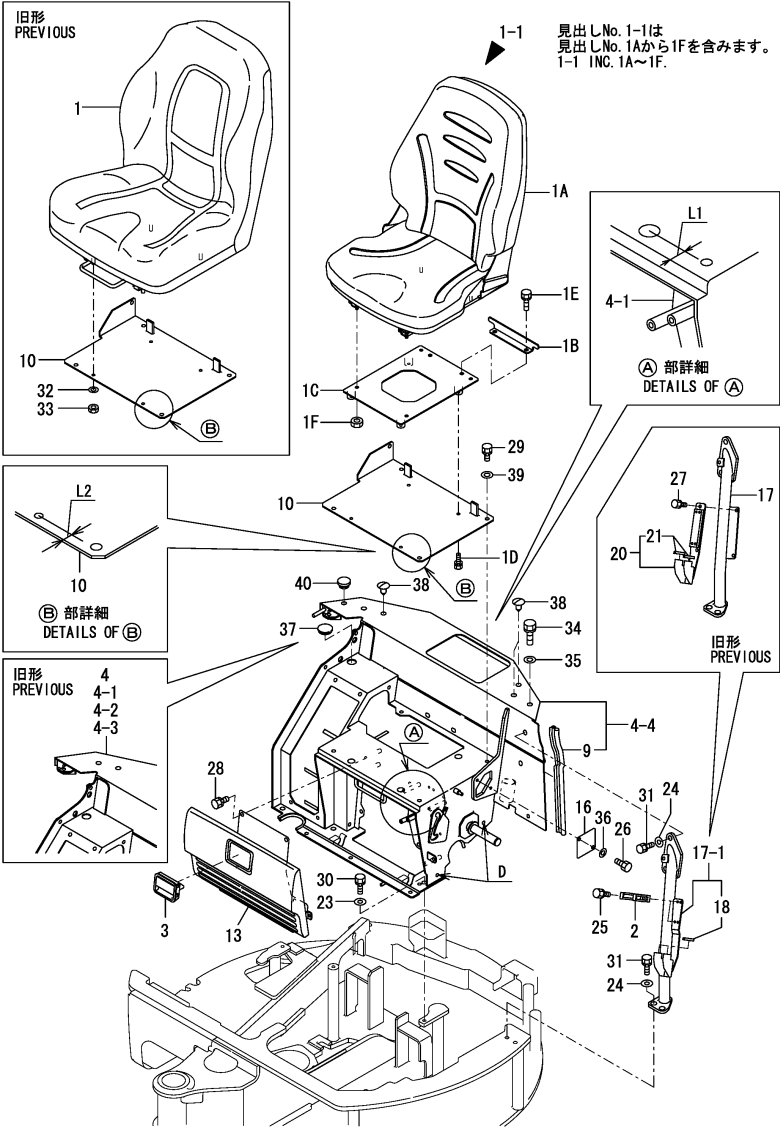


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172455-64200	SHEET	1							
1-1	1	172456-08600 (A=*2007.01)	SEAT KIT	1						N	
1A	2	172A46-64200 (A=*2007.01)	SEAT, OPERATOR	1							W
1B	2	172A46-64520 (A=*2007.01)	STOPPER ASSY	1							W
1C	2	172A46-64500 (A=*2007.01)	PLATE ASSY,SEAT	1							W
1D	2	26013-080202 (A=*2007.01)	BOLT, M8X 20	4							W
1E	2	26013-100202 (A=*2007.01)	BOLT, M10X 20	2							W
1F	2	26051-080002 (A=*2007.01)	NUT, M8	4							W
2	1	172187-61421	HANDLE, LOCK	1							
3	1	772456-64214	MOUNT,SEAT (GRAY:73)	1							
8	2	172164-66480	RUBBER 340, SEAL	1							
9	1	172456-64431	PLATE,SEAT (GRAY:73)	1							
12	1	172456-64440	GRILLE	1							
15	1	172458-64510	COVER, SEAT MOUNT	1							
16	1	172458-64590	PLUG 28X3.2	1							
17	1	172458-64600	CLIP, TREE	2							
18	1	172187-64900	PLUG	1							
19	1	22137-100000	WASHER, 10	3							
20	1	22137-100000	WASHER, 10	5							
21	1	22217-080000	WASHER, SPRING 8	2							
22	1	22217-080000 (A=*2007.01)	WASHER, SPRING 8	4						Z	
23	1	26013-100202	BOLT, M10X 20	4							
24	1	26013-100202	BOLT, M10X 20	5							
25	1	26013-100252	BOLT, M10X 25	3							
26	1	26116-080162	BOLT, M8X 16 PLATED	2							
27	1	26716-080002 (A=*2007.01)	NUT, M8	4						Z	

Fig.49. SEAT & SEAT MOUNT(CANOPY SPEC.)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

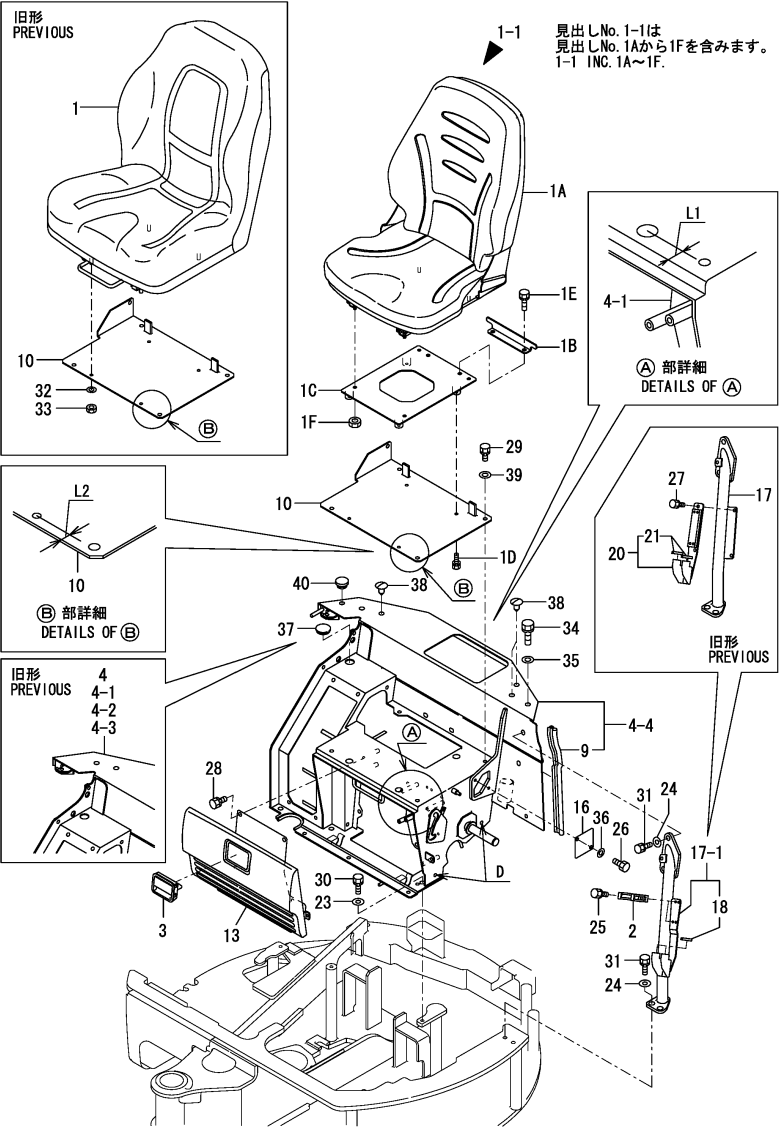


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET		1		1				
1-1	1	172456-08600	SEAT KIT		1		1			N	
		(B=*2007.01)	(D=*2007.01)								
1A	2	172A46-64200	SEAT, OPERATOR		1		1			W	
		(B=*2007.01)	(D=*2007.01)								
1B	2	172A46-64520	STOPPER ASSY		1		1			W	
		(B=*2007.01)	(D=*2007.01)								
1C	2	172A46-64500	PLATE ASSY,SEAT		1		1			W	
		(B=*2007.01)	(D=*2007.01)								
1D	2	26013-080202	BOLT, M8X 20		4		4			W	
		(B=*2007.01)	(D=*2007.01)								
1E	2	26013-100202	BOLT, M10X 20		2		2			W	
		(B=*2007.01)	(D=*2007.01)								
1F	2	26051-080002	NUT, M8		4		4			W	
		(B=*2007.01)	(D=*2007.01)								
2	1	172122-55061	BRACKET, PUMP		2		2				
3	1	172187-61421	HANDLE, LOCK		1		1				
4	1	772456-64210	MOUNT,SEAT (GRAY:73)		1						M
4-1	1	772456-64211	MOUNT,SEAT (GRAY:73)		1					1	
4-2	1	772456-64212	MOUNT,SEAT (GRAY:73)		1					S	1
		(B=M/#20862)									
4-3	1	772456-64213	MOUNT,SEAT (GRAY:73)		1					S	3
		(B=M/#21920)									
4-4	1	772456-64214	MOUNT,SEAT (GRAY:73)		1		1			S	3
		(B=M/#22514)									
9	2	172456-64760	RUBBER, SEAL 340		1						
9-1	2	172164-66480	RUBBER 340, SEAL		1		1			N	
		(B=M/#20501)									
10	1	172456-64430	PLATE,SEAT (GRAY:73)		1						2
10-1	1	172456-64431	PLATE,SEAT (GRAY:73)		1		1			S	2
		(B=M/#20862)									
13	1	172456-64440	GRILLE		1		1				
16	1	172458-64510	COVER, SEAT MOUNT		1		1				
17	1	172456-64550	PIPE ASSY		1						
17-1	1	172456-64800	PIPE ASSY		1		1			N	
		(B=M/#20508)									
18	2	172445-62010	TRIM		2		2			W	
		(B=M/#20508)									
20	1	172456-64650	HOLDER, GREASE GUN		1					Z	
		(B=M/#20508)									
21	2	172445-62010	TRIM		2					Z	
		(B=M/#20508)									
23	1	22137-100000	WASHER, 10		3		3				
24	1	22137-120000	WASHER, 12		4		4				
25	1	26013-060102	BOLT, M6X 10		4		4				
26	1	26116-080162	BOLT, M8X 16 PLATED		2		2				
27	1	26013-080162	BOLT, M8X 16		2					Z	
		(B=M/#20508)									
28	1	26013-100202	BOLT, M10X 20		4		4				
29	1	26013-100202	BOLT, M10X 20		5		5				
30	1	26013-100252	BOLT, M10X 25		3		3				

Remarks
(1)L1=REF.NO.4-1:24MM,NO.4-2:18.5MM.
(2)L2=REF.NO.10:15MM,NO.10-1:9.5MM.
(3)D=REF.NO.4-1,NO.4-2:M10 SCREW,
REF.NO.4-3,NO.4-4:WITHOUT HOLE.
(M)MISPRINT.

Fig.49. SEAT & SEAT MOUNT(CANOPY SPEC.)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



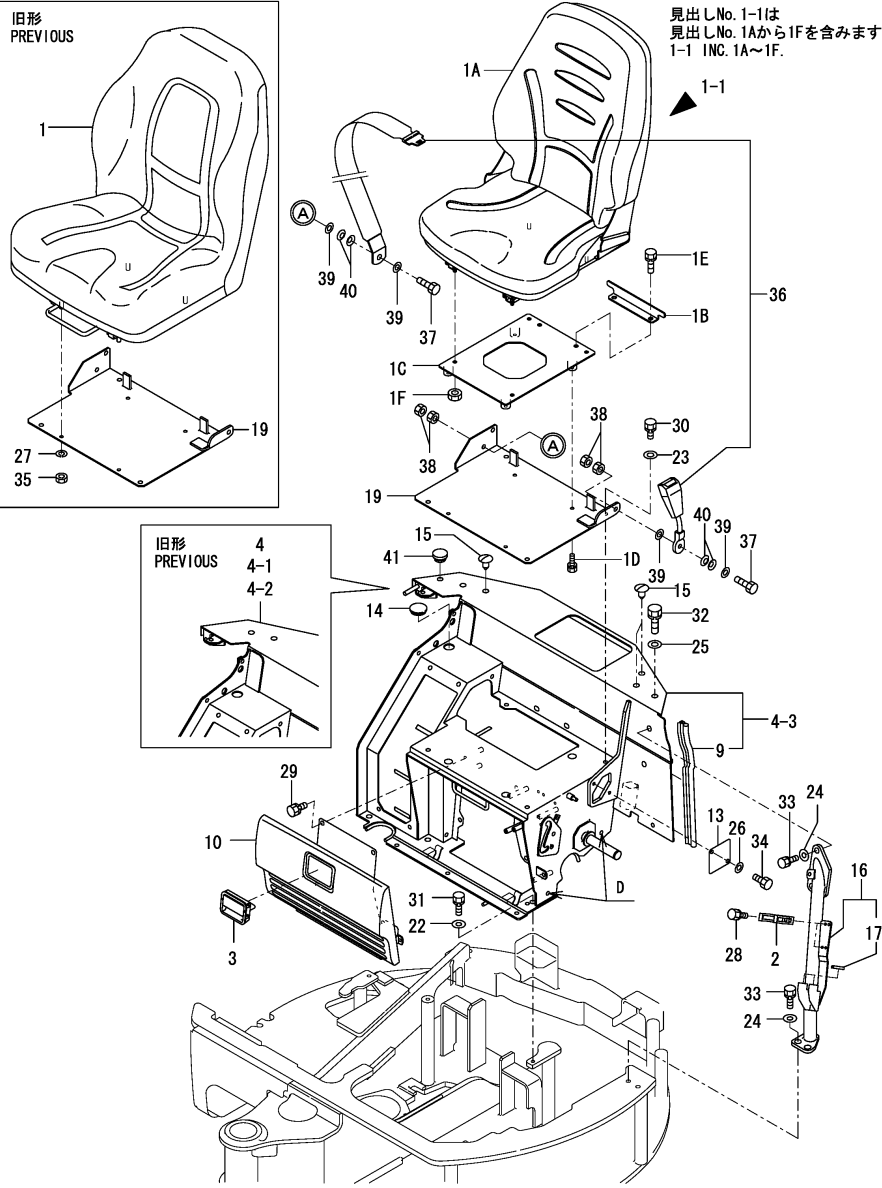
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
31	1	26013-120302	BOLT, M12X 30		4		4				
32	1	22217-080000	WASHER, SPRING 8		4		4			Z	
(B=*2007.01)											
33	1	26716-080002	NUT, M8		4		4			Z	
(B=*2007.01)											
34	1	26013-120252	BOLT, M12X 25		2		2				
35	1	22137-120000	WASHER, 12		2		2				
36	1	22217-080000	WASHER, SPRING 8		2		2				
37	1	172458-64590	PLUG 28X3.2		1		1				
38	1	172458-64600	CLIP, TREE		1						
38-1	1	172458-64600	CLIP, TREE		3		3			K	
(B=M/#21218)											
39	1	22137-100000	WASHER, 10		5		5			W	
(B=M/#20862)											
40	1	172187-64900	PLUG		1		1			W	
(B=M/#22514)											

Remarks
(1)L1=REF.NO.4-1:24MM,NO.4-2:18.5MM.
(2)L2=REF.NO.10:15MM,NO.10-1:9.5MM.
(3)D=REF.NO.4-1,NO.4-2:M10 SCREW,
REF.NO.4-3,NO.4-4:WITHOUT HOLE.
(M)MISPRINT.

Fig.50. SEAT & SEAT MOUNT(ROPS CANOPY SPEC.)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

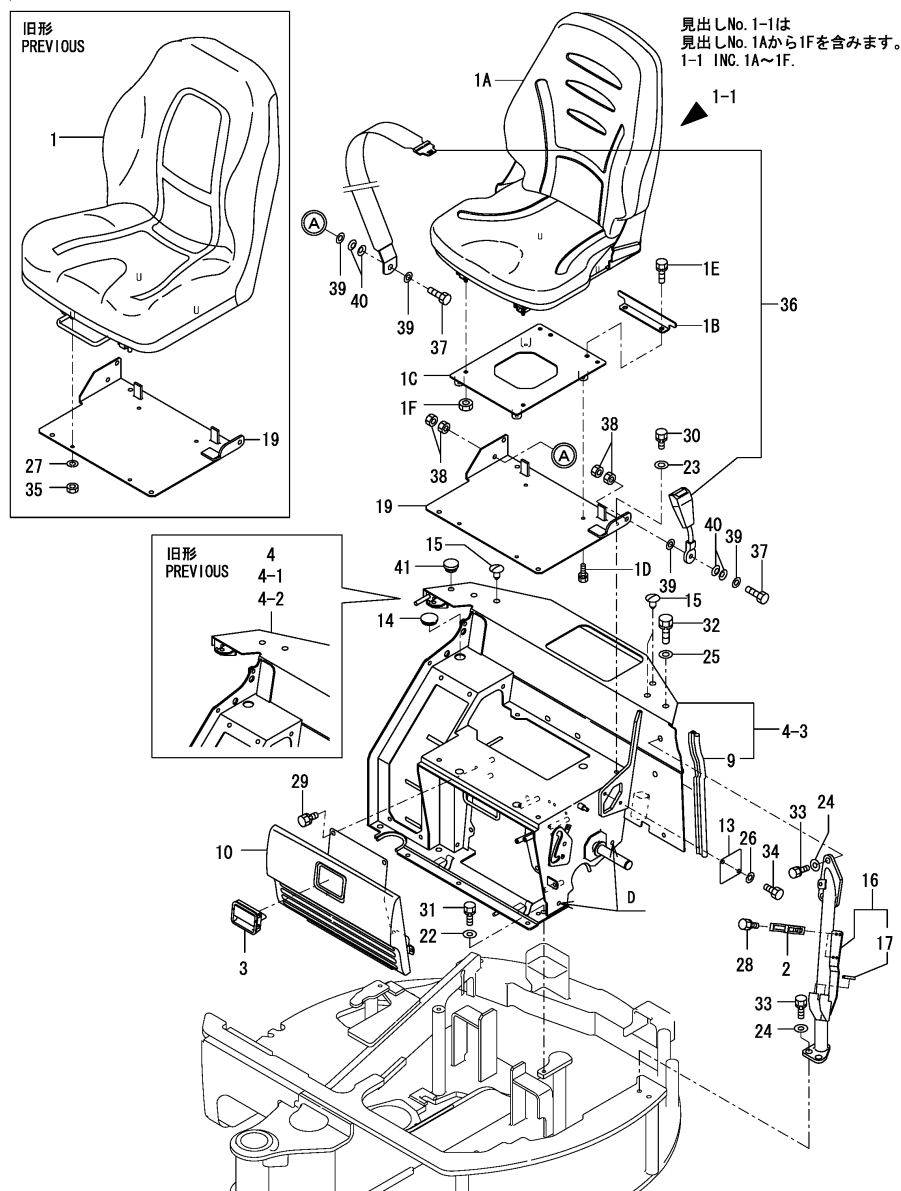
(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET		1						
1-1	1	172456-08600	SEAT KIT		1						N
		(B=*2007.01)									
1A	2	172A46-64200	SEAT, OPERATOR		1						W
		(B=*2007.01)									
1B	2	172A46-64520	STOPPER ASSY		1						W
		(B=*2007.01)									
1C	2	172A46-64500	PLATE ASSY,SEAT		1						W
		(B=*2007.01)									
1D	2	26013-080202	BOLT, M8X 20		4						W
		(B=*2007.01)									
1E	2	26013-100202	BOLT, M10X 20		2						W
		(B=*2007.01)									
1F	2	26051-080002	NUT, M8		4						W
		(B=*2007.01)									
2	1	172122-55061	BRACKET, PUMP		2						
3	1	172187-61421	HANDLE, LOCK		1						
4	1	772456-64211	MOUNT,SEAT (GRAY:73)		1						M
4-1	1	772456-64212	MOUNT,SEAT (GRAY:73)		1						
4-2	1	772456-64213	MOUNT,SEAT (GRAY:73)		1						S 1
		(B=M/#21920)									
4-3	1	772456-64214	MOUNT,SEAT (GRAY:73)		1						S 1
		(B=M/#22514)									
9	2	172164-66480	RUBBER 340, SEAL		1						
10	1	172456-64440	GRILLE		1						
13	1	172458-64510	COVER, SEAT MOUNT		1						
14	1	172458-64590	PLUG 28X3.2		1						
15	1	172458-64600	CLIP, TREE		1						
15-1	1	172458-64600	CLIP, TREE		3						K
		(B=M/#21218)									
16	1	172456-64800	PIPE ASSY		1						
17	2	172445-62010	TRIM		2						
19	1	172456-64850	PLATE,SEAT (GRAY:73)		1						
22	1	22137-100000	WASHER, 10		3						
23	1	22137-100000	WASHER, 10		5						
24	1	22137-120000	WASHER, 12		4						
25	1	22137-120000	WASHER, 12		2						
26	1	22217-080000	WASHER, SPRING 8		2						
27	1	22217-080000	WASHER, SPRING 8		4						Z
		(B=*2007.01)									
28	1	26013-060102	BOLT, M6X 10		4						
29	1	26013-100202	BOLT, M10X 20		4						
30	1	26013-100202	BOLT, M10X 20		5						
31	1	26013-100252	BOLT, M10X 25		3						
32	1	26013-120252	BOLT, M12X 25		2						
33	1	26013-120302	BOLT, M12X 30		4						
34	1	26116-080162	BOLT, M8X 16 PLATED		2						
35	1	26716-080002	NUT, M8		4						Z
		(B=*2007.01)									
36	1	172989-64450	SEAT BELT		1						
36-1	1	172989-64451	BELT, SEAT		1						R

Remarks
(1)D=REF.NO.4-1:M10 SCREW,
REF.NO.4-2,NO.4-3:WITHOUT HOLE.
(M)MISPRINT.

Fig.50. SEAT & SEAT MOUNT(ROPS CANOPY SPEC.)



(1)D=REF.NO.4-1:M10 SCREW,
REF.NO.4-2,NO.4-3:WITHOUT HOLE.
(M)MISPRINT.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

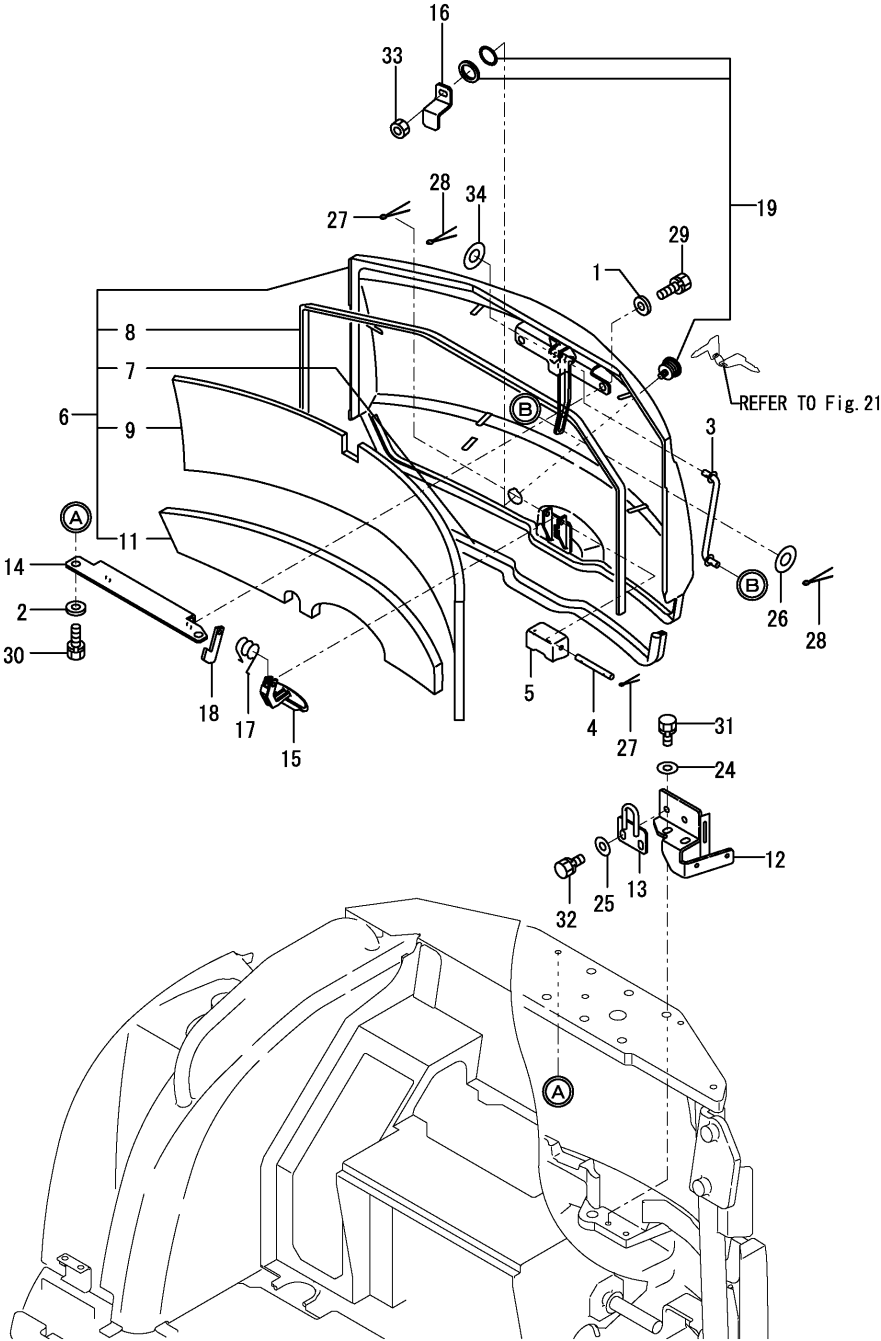
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
		(B=M#21597)									
37	1	172433-64510	BOLT 7/16-20-UNF		2						
38	1	172187-64830	NUT		4						
39	1	22137-120000	WASHER, 12		4						
40	1	933170-01490	SPRING		4						
41	1	172187-64900	PLUG		1					W	

(B=M/#22514)

Fig.51. BONNET(1)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

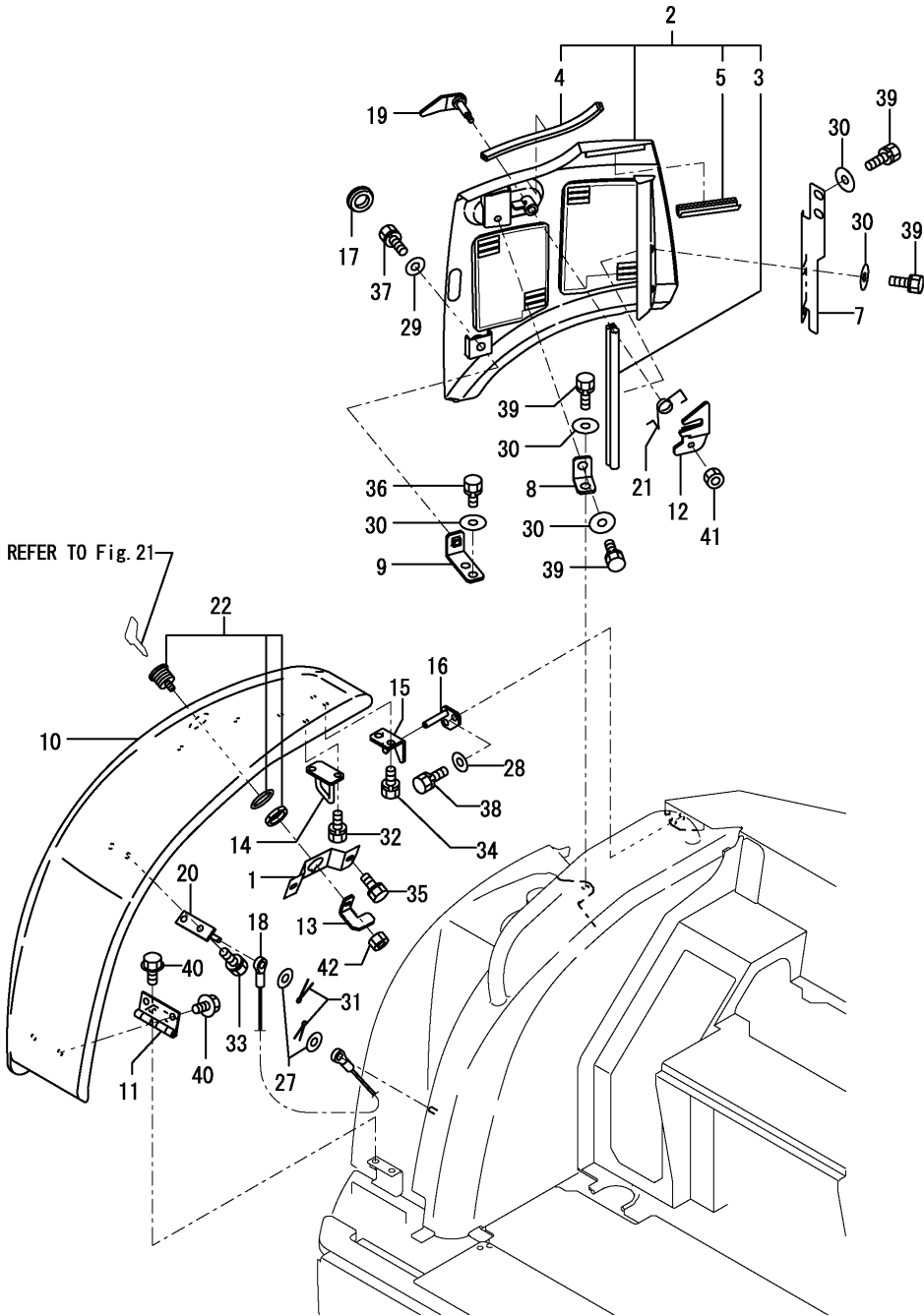


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194145-04810	WASHER 10	2	2		2				
2	1	194145-04810	WASHER 10	2	2		2				
3	1	172444-64730	ROD,STOPPER	1	1		1				
4	1	172458-65050	SHAFT	1	1		1				
5	1	172458-65060	COVER, LOCK	1	1		1				
6	1	172457-65100	BONNET A (GREEN:96)	1	1		1				
7	2	172458-65070	SEAL	1	1		1				
8	2	172458-65080	RUBBER, SEAL	1	1		1				
9	2	172457-65110	SEAL	1	1		1				
11	2	172457-65120	SEAL	1	1		1				
12	1	172456-65150	BRACKET A,LOCK (73)	1	1		1				
13	1	172456-65170	BRACKET B,LOCK			1					
13-1	1	172456-65171 (B=M/#21118)	BRACKET B, LOCK	1	1		1			N	
14	1	172456-65190	BRACKET C	1	1		1				
15	1	172187-65210	LEVER ASSY, LOCK	1	1		1				
16	1	172458-65270	PLATE,LOCK		1						
16-1	1	172458-65271 (B=M/#20785)	PLATE,ROCK	1	1		1			R	
17	1	172734-65270	SPRING, CATCH	1	1		1				
18	1	172124-65480	CATCHER	1	1		1				
19	1	172164-66170	KEY ASSY, CYLINDER	1	1		1				
24	1	22137-100000	WASHER, 10	2	2		2				
25	1	22137-100000	WASHER, 10	2	2		2				
26	1	22157-080000	WASHER, 8		1						
26-1	1	1A1380-62160 (B=M/#21637)	WASHER	1	1		1			N	
27	1	22417-200200	PIN, COTTER 2.0X20	2	2		2				
28	1	22417-200200	PIN, COTTER 2.0X20	2	2		2				
29	1	26013-100252	BOLT, M10X 25	2	2		2				
30	1	26013-100252	BOLT, M10X 25	2	2		2				
31	1	26013-100252	BOLT, M10X 25	2	2		2				
32	1	26013-100252	BOLT, M10X 25	2	2		2				
33	1	26347-100002	NUT, M10	1	1		1				
34	1	22157-080000	WASHER, 8		1						
34-1	1	22137-080000 (B=M/#21637)	WASHER, 8	1	1		1			N	

Fig.52. BONNET(2)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-65230	PLATE,KEY (GILT	1	1		1				
2	1	172456-65300	BONNET R (GREEN:96)		1						
2-1	1	172456-65301	BONNET R (GREEN:96)	1	1		1			N	
(B=M/#21637)											
3	2	172444-54920	SEAL, WEIGHT	1	1		1				
4	2	172434-61190	TRIM	1	1		1				
5	2	172458-61500	RUBBER, SEAL	1	1		1				
7	1	172456-65440	BRACKET A,BONNET R	1	1		1				
8	1	172456-65450	BRACKET B,BONNET R	1	1		1				
9	1	172456-65460	BRACKET C		1						
9-1	1	172456-65461	BRACKET C	1	1		1			N	
(B=M/#21637)											
10	1	172456-65500	BONNET B (GREEN:97)	1	1		1				
11	1	172456-65510	HINGE, BONNET		1						
11-1	1	172456-65511	HINGE, BONNET	1	1		1			N	
(B=M/#21637)											
11-2	1	172456-65511-3	HINGE, BONNET	1	1		1			N	
(A=M/#XXXXXX) (B=M/#XXXXXX) (D=M/#XXXXXX)											
12	1	172456-65520	PLATE,HOOK	1	1		1				
13	1	172458-65530	PLATE,LOCK		1						
13-1	1	172487-65520	PLATE,HOOK	1	1		1			N	
(B=M/#21637)											
14	1	172458-65540	PLATE ASSY,STOPPER	1	1		1				
15	1	172458-65560	PLATE,GUIDE	1	1		1				
16	1	172458-65580	BRACKET ASSY,GUIDE		1					Z	
(B=M/#22501)											
17	1	172455-65590	PLUG 28X2.3	1	1		1				
18	1	172458-65600	CABLE	1	1		1				
19	1	172458-65610	HOOK ASSY	1	1		1				
20	1	172458-65640	STAY ASSY, WIRE	1	1		1				
21	1	172156-65690	SPRING, STOPPER	1	1		1				
22	1	172164-66170	KEY ASSY, CYLINDER	1	1		1				
27	1	22137-080000	WASHER, 8	2	2		2				
28	1	22137-100000	WASHER, 10		2					Z	
(B=M/#22501)											
29	1	22137-100000	WASHER, 10	1	1		1				
30	1	22157-100000	WASHER, 10		8						
30-1	1	22157-100000	WASHER, 10	7	7		7			K	
(B=M/#21637)											
31	1	22417-200200	PIN, COTTER 2.0X20	2	2		2				
32	1	26013-100202	BOLT, M10X 20	2	2		2				
33	1	26013-100202	BOLT, M10X 20	2	2		2				
34	1	26013-100202	BOLT, M10X 20	2	2		2				
35	1	26013-100202	BOLT, M10X 20	2	2		2				
36	1	26013-100202	BOLT, M10X 20		2						
36-1	1	26013-100202	BOLT, M10X 20	1	1		1			K	
(B=M/#21637)											
37	1	26013-100252	BOLT, M10X 25	1	1		1				
38	1	26013-100252	BOLT, M10X 25		2					Z	
(B=M/#22501)											
39	1	26013-100252	BOLT, M10X 25	6	6		6				

No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
40	1	26106-100162	BOLT, M10X 16 PLATED	4	4		4		
41	1	26347-080002	NUT, M8	1	1		1		
42	1	26347-100002	NUT, M10	1	1		1		

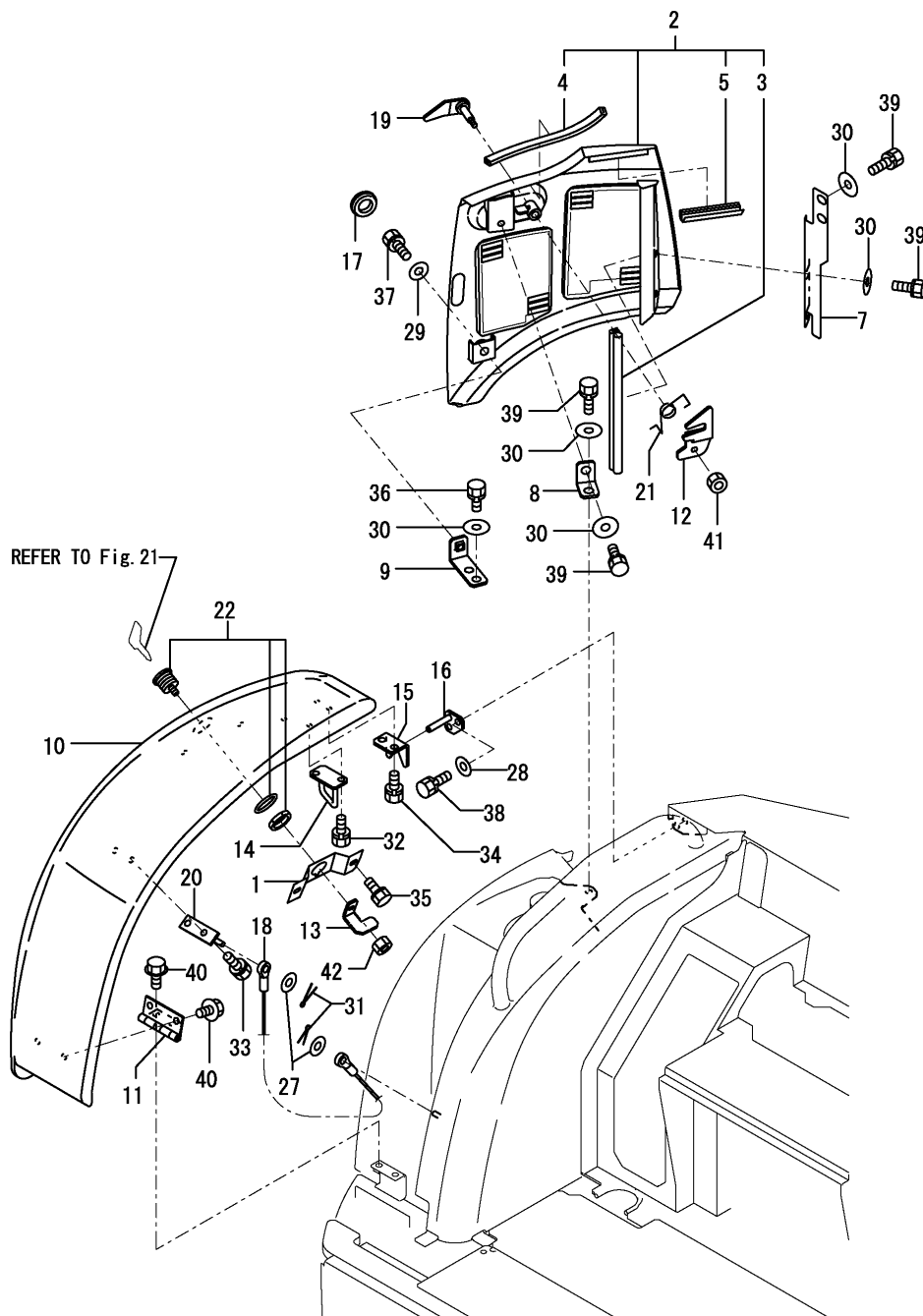


Fig.54. CABIN(ACCESSORY)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-13220	WASHER	10							
2	1	172190-16500	HARNESS, WIRE	1							
3	1	172122-55061	BRACKET, PUMP	2							
4	1	172458-63580	SPACER	1							
5	1	172458-63900	STOPPER	2							
6	1	172456-68810	SEAL	1							
7	1	172456-68820	SEAL	1							
8	1	172456-68900	HOLDER, GREASE GUN	1							
9	2	172445-62010	TRIM	2							
11	1	22217-120000	WASHER, SPRING 12	10							
12	1	26013-060102	BOLT, M6X 10	4							
13	1	26013-060162	BOLT, M6X 16	2							
14	1	26076-120402	BOLT, 10.912X 40	10							

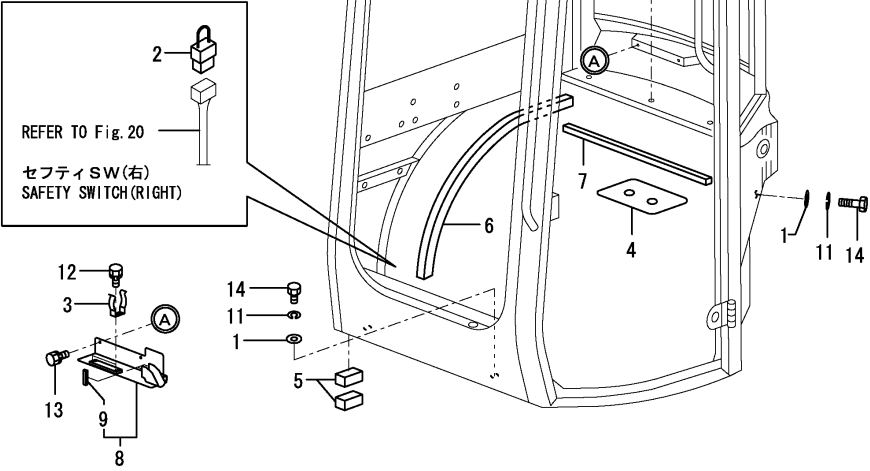
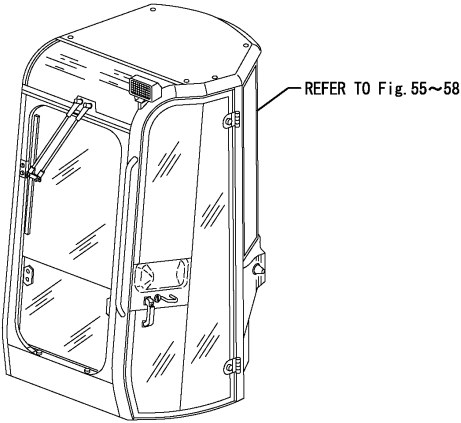
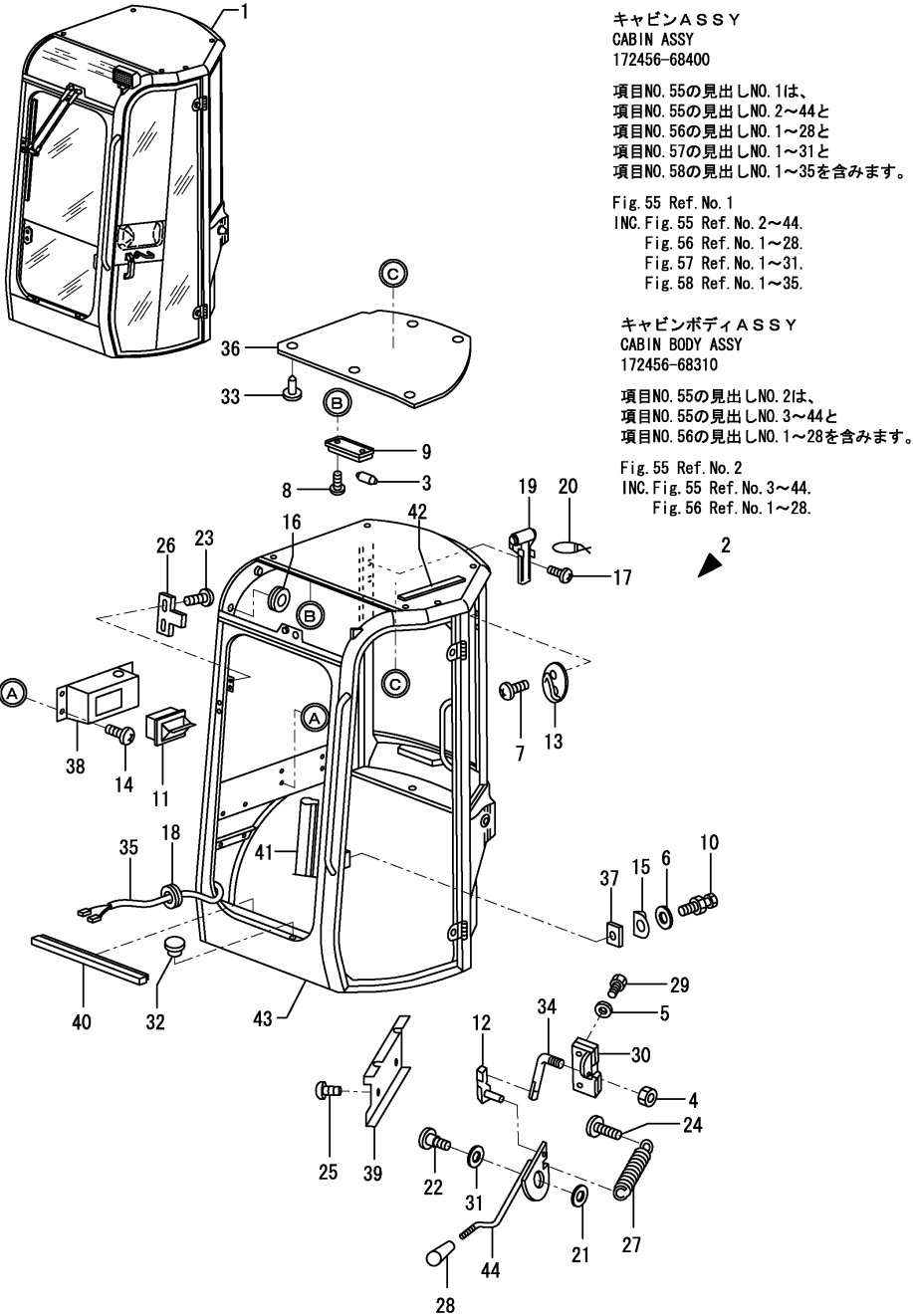


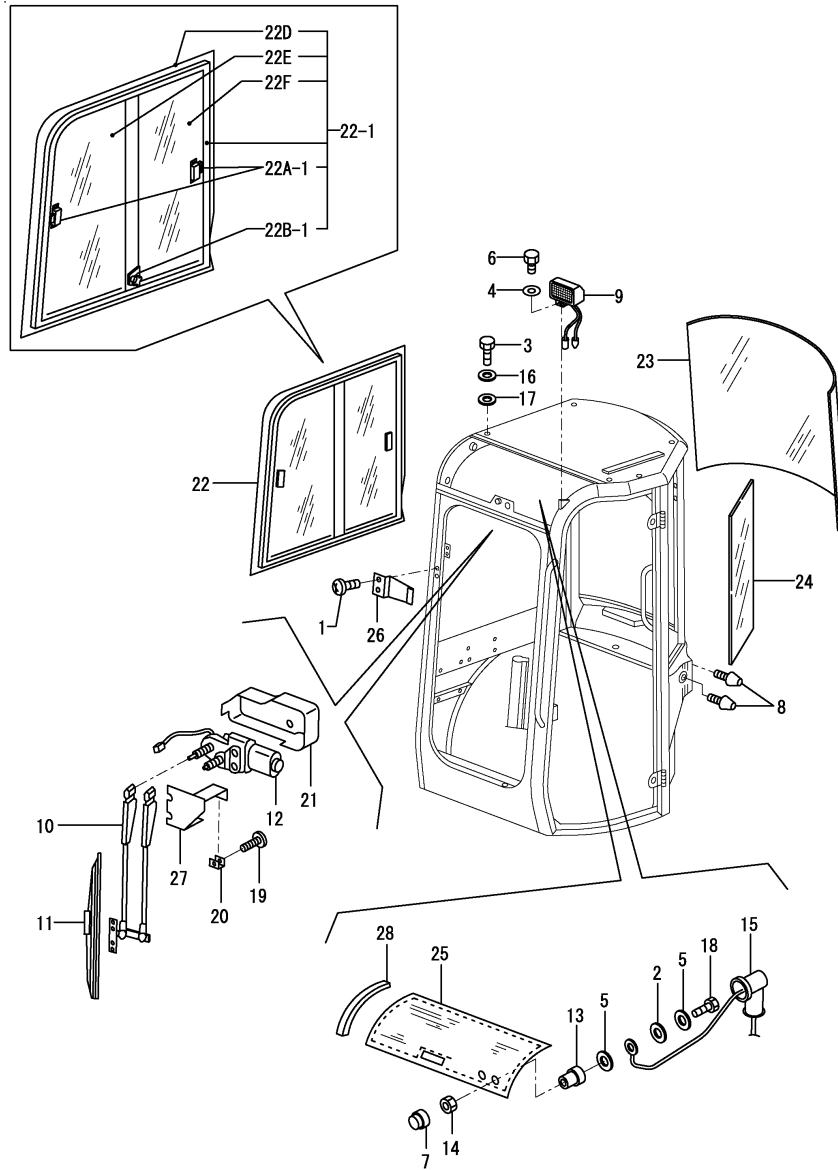
Fig.55. CABIN(BODY:1)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-68400	CABIN ASSY	1							
2	2	172456-68310	CABIN BODY	1							
3	3	172456-68970	LAMP	1							
4	3	172456-68870	NUT, SAFETY	1							
5	3	172456-68930	WASHER	4							
6	3	172456-68750	WASHER, 12X30X2	1							
7	3	172456-68650	SCREW, M3.5X12.7	1							
8	3	172456-68650	SCREW, M3.5X12.7	2							
9	3	172456-68960	ROOM LAMP	1							
10	3	172456-68720	CATCH, DOOR	1							
11	3	172456-68620	ASHTRAY	1							
12	3	172456-68860	CLIP	1							
13	3	172456-68640	HOOK	1							
14	3	172456-69310	SCREW, M4.8X16	4							
15	3	172456-68730	PROTECTOR L	1							
16	3	172456-68530	GROMMET, 16X22X3	3							
17	3	172456-68670	RIVET 3.2X8	2							
18	3	172456-68510	GROMMET	1							
19	3	172456-68660	HAMMER	1							
20	3	172456-68680	SEAL, BAND	1							
21	3	172456-68780	WASHER	1							
22	3	172456-68800	SCREW	1							
23	3	172456-68950	SCREW, M6X16	2							
24	3	172457-68950	SCREW, M6X16	1							
25	3	172456-68950	SCREW, M6X16	4							
26	3	172456-68370	HOLDER, FRONT WINDOW	1							
27	3	172456-68830	SPRING, 1.5X10X50	1							
28	3	172456-68770	KNOB, LEVER	1							
29	3	172456-68390	BOLT 6X35	4							
30	3	172456-68880	CATCH, DOOR	1							
31	3	172456-68790	COLLAR, NYLON	1							
32	3	172456-68550	STOPPER	4							
33	3	172A21-68870	CAP	5							
34	3	172456-68850	LINKAGE	1							
35	3	172456-68500	WIRE HARNESS	1							
36	3	172456-68980	INNER ROOF	1							
37	3	172456-68380	PLATE	1							
38	3	172456-69300	SUPPORT, ASHTRAY	1							
39	3	172456-68010	LOCK LEVER	1							
40	3	172456-68360	SEAL, 610	1							
41	3	172456-68560	SEAL, 3040	1							
42	3	172456-68630	SEAL, 310	1							
43	3	172456-68340	CABIN BASE ASSY	1							
44	3	172456-68760	LEVER DOOR LOCK	1							

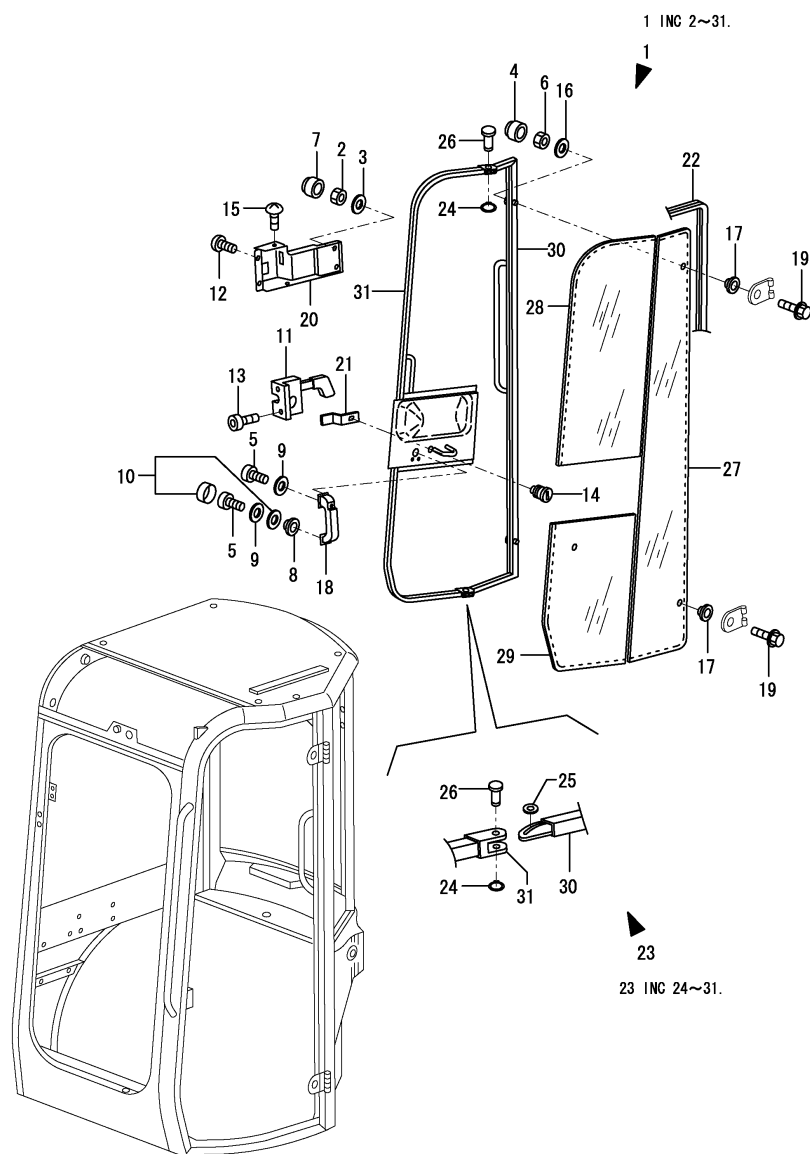


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172456-68610	SCREW, M5X8	2							
2	3	172456-68140	WASHER, 6	2							
3	3	172456-68180	BOLT 16X30	4							
4	3	172456-69990	WASHER, 8	1							
5	3	172456-68150	WASHER, 6X18X1	4							
6	3	172456-69980	SCREW, M8X16	1							
7	3	172456-69910	CAP, NUT M6	2							
8	3	172456-69230	STOPPER, DOOR	2							
9	3	172456-68020	LAMP, WORK	1							
10	3	172456-69210	ARM, WIPER	1							
11	3	172456-69220	BLADE, WIPER	1							
12	3	172437-68540	WIPER MOTOR	1							
13	3	172456-68160	NUT, SEAL M6	2							
14	3	172456-68170	NUT, BRASS M6	2							
15	3	172456-68110	CAP	2							
16	3	172456-68190	WASHER 17X40X4	4							
17	3	172456-68200	WASHER	4							
18	3	172456-68350	BOLT,BRASS M6X25	2							
19	3	172456-69190	SCREW, M5X12	2							
20	3	172456-69180	CLIP	2							
21	3	172456-69200	COVER, MOTOR	1							
22	3	172456-68450	SASH	1							
22-1	3	172456-68451	GLASS ASSY	1							N
(A=MXXXXX)											
22A-1	4	172A21-69890	LATCH	2							
22B-1	4	172A21-69870	STOPPER	1							
22D	4	172456-67940	FRAME ASSY, WINDOW	1							
22E	4	172456-68461	GLASS, SIDE RF	1							
22F	4	172456-68471	GLASS, SIDE RR	1							
23	3	172456-68430	GLASS	1							
24	3	172456-68440	GLASS	1							
25	3	172456-68480	GLASS, SKYLIGHT	1							
26	3	172456-68600	SUPPORT, WIPER BLADE	1							
27	3	172456-69170	SUPPORT, MOTOR	1							
28	3	172456-68490	SEAL, JOINT 300	2							

*Cabin body assy is shown in Fig.55.

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.57. CABIN(SIDE DOOR)



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-68330	DOOR ASSY	1							
2	3	172456-69900	NUT, M6	2							
3	3	172456-68930	WASHER	2							
4	3	172456-69090	CAP, 12	2							
5	3	172456-69770	SCREW, M6X20	3							
6	3	172456-69940	NUT, M12	2							
7	3	172456-69910	CAP, NUT M6	2							
8	3	172456-69750	SPACER, PLASTIC	1							
9	3	172456-69760	WASHER, 8X19X1.5	3							
10	3	172456-69240	CAP, NUT	1							
11	3	172456-69830	LOCK ASSY	1							
12	3	172456-69310	SCREW, M4.8X16	2							
13	3	172456-69840	SCREW, M8X40	2							
14	3	172456-69780	LOCK, KEY	1							
15	3	172456-68950	SCREW, M6X16	2							
16	3	172456-69930	WASHER 12X22.5X2.5	2							
17	3	172456-69690	SPACER, RUBBER	2							
18	3	172456-69720	HANDLE, OUTER	1							
19	3	172456-69920	BOLT BM12X60	2							
20	3	172456-69080	COVER, LOCK	1							
21	3	172456-69070	LOCK PLATE	1							
22	3	172456-69060	SEAL, 4070	1							
23	3	172456-69010	DOOR ASSY	1							
24	4	172456-69460	CIRCLIP	2							
25	4	172456-69050	WASHER,NYLON 8.5X1.6	2							
26	4	172456-69040	SHAFT, 8X23	2							
27	4	172456-69630	GLASS	1							
28	4	172456-69640	GLASS	1							
29	4	172456-69650	GLASS	1							
30	4	172456-69030	FRAME, REAR	1							
31	4	172456-69020	FRAME, FRONT	1							

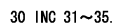
Remarks

*Cabin assy is shown in Fig.55.

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.58. CABIN(FRONT GLASS)



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-68320	GLASS ASSY	1							
2	3	172456-68030	GLASS ASSY	1							
3	4	172456-68100	NUT, M8	4							
4	4	172456-69990	WASHER, 8	4							
5	4	172A21-69030	CAP, NUT M8	4							
6	4	172437-68310	PLUG 8	2							
7	4	172456-69840	SCREW, M8X40	4							
8	4	172456-69390	BUSH, NYLON	2							
9	4	172456-68780	WASHER	4							
10	4	172456-69420	SPACER, NYLON	3							
11	4	172456-68800	SCREW	2							
12	4	172456-68800	SCREW	2							
13	4	172456-68570	PLUG	2							
14	4	172437-68690	LOCK L,UPPER WINDOW	1							
15	4	172437-68710	LOCK R,UPPER WINDOW	1							
16	4	172456-68950	SCREW, M6X16	4							
17	4	172456-69380	GRIP	2							
18	4	172456-69430	WASHER, NYLON	1							
19	4	172456-68550	STOPPER	2							
20	4	172456-68840	SCREW, M8X20	2							
21	4	172456-68070	SPRING, GAS	2							
22	4	172456-68270	SEAL, NYLON 440	2							
23	4	172456-69410	SEAL, 780	2							
24	4	172456-68080	GUIDE	1							
25	4	172456-68090	GUIDE	1							
26	4	172456-68060	LINK	1							
27	4	172456-68040	GLASS ASSY	1							
28	5	172456-68050	FRAME,FRONT GLASS	1							
29	5	172456-69370	GLASS	1							
30	4	172456-68280	GLASS ASSY	1							
31	5	172456-69550	LOCK L, UNDER GLASS	1							
31-1	5	172456-69551	LOCK, L UNDER GLASS	1							N
(A=MXXXXX)											
32	5	172456-69560	LOCK R, UNDER GLASS	1							
32-1	5	172456-69561	LOCK, R UNDER GLASS	1							N
(A=MXXXXX)											
33	5	172456-69570	SCREW, M5X25	4							
34	5	172456-68290	GLASS	1							
35	5	172456-69580	SEAL, 590	1							

Remarks

*Cabin assy is shown in Fig.55.

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

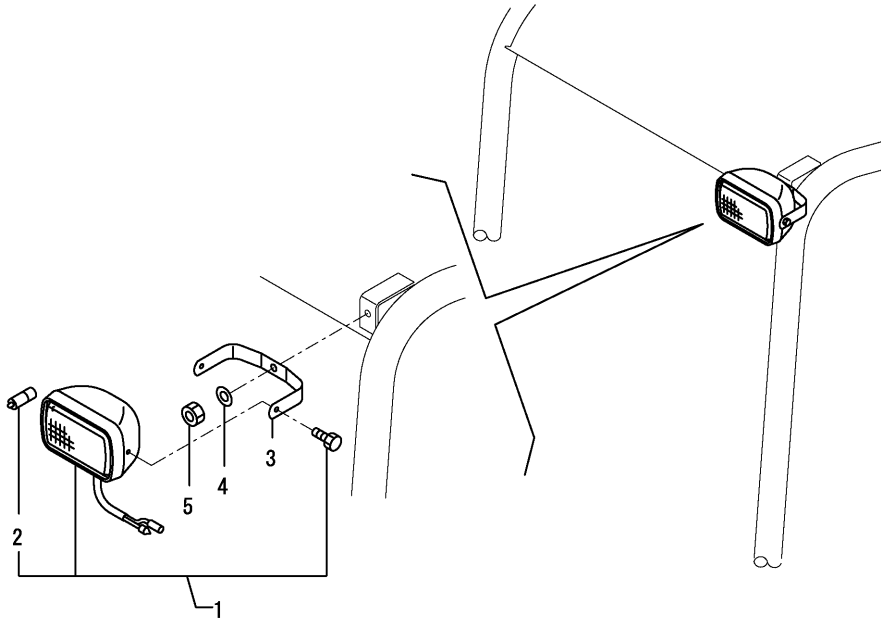
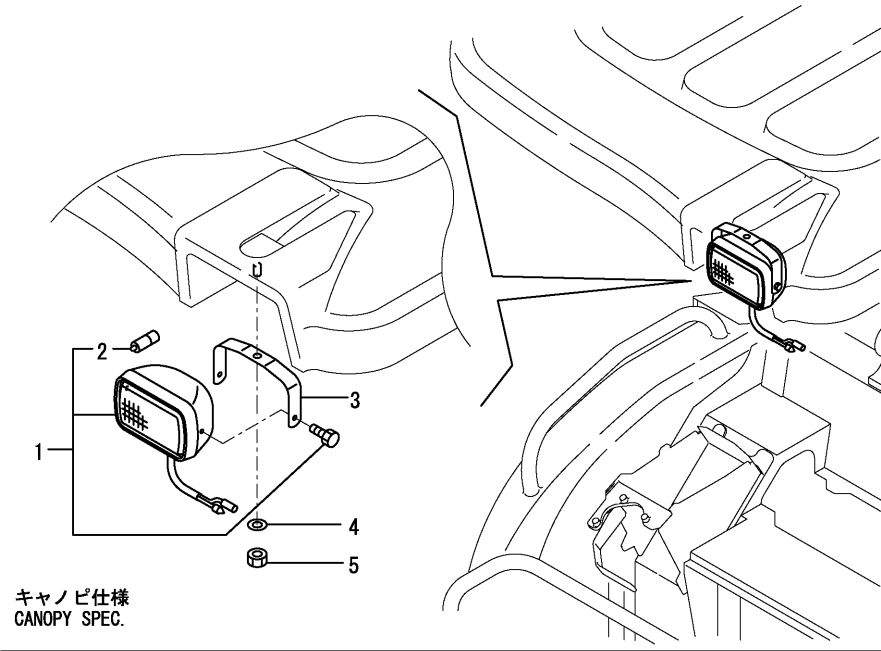
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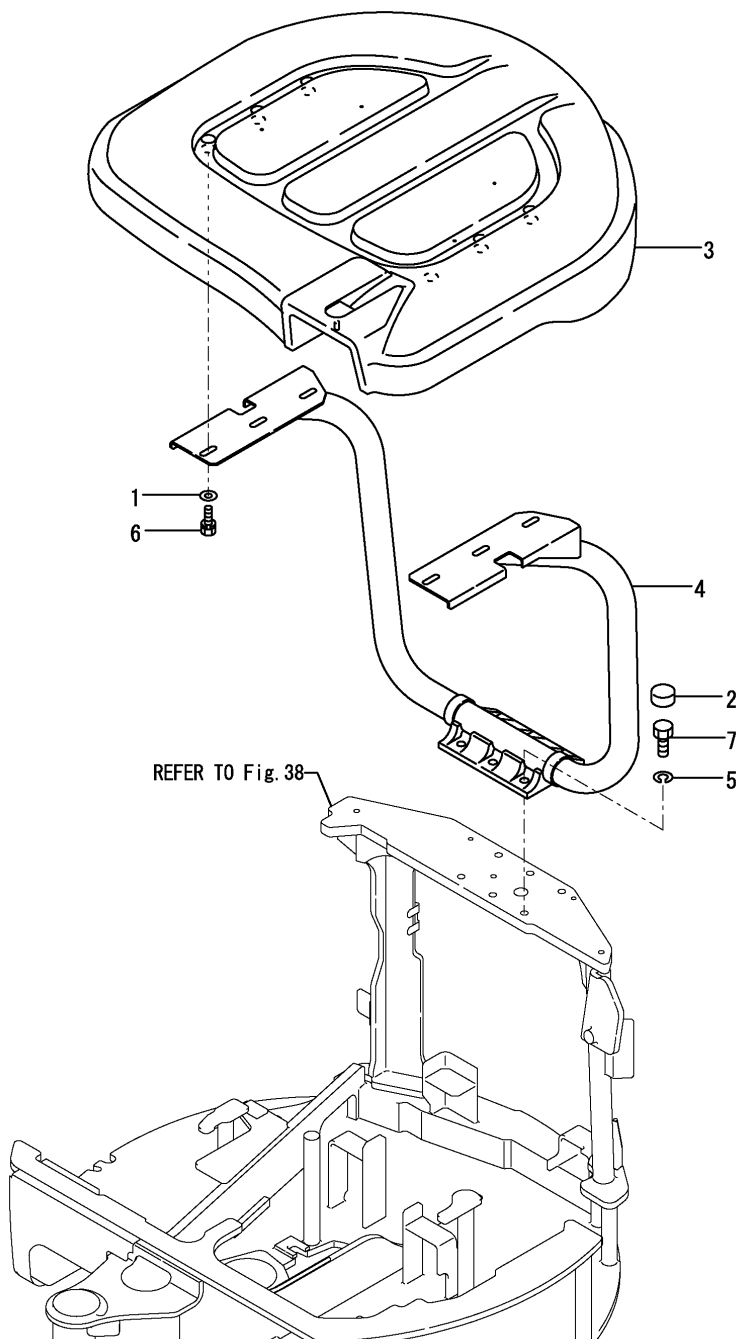
Fig.23. CANOPY LAMP

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

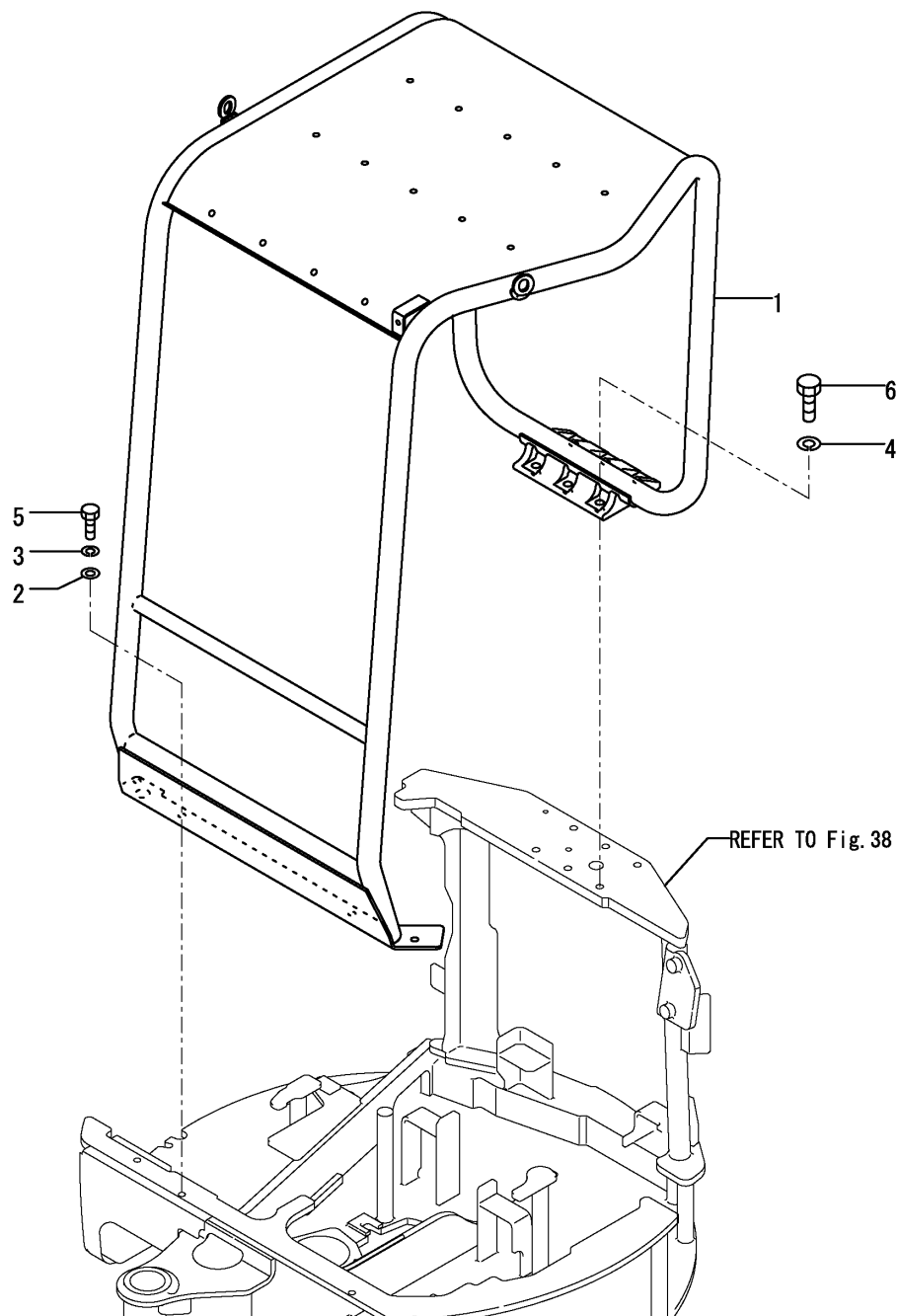
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-17400	LAMP 150X95		1		1				
2	2	172458-17420	BULB		1		1				
3	1	172458-17410	STAY, LAMP		1		1				
4	1	22137-100000	WASHER, 10		1		1				
5	1	26346-100002	NUT, M10		1		1				





No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172730-05250	WASHER 12		6		6		
2	1	172458-67090	CAP		6		6		
3	1	172458-67100	ROOF ASSY,CANOPY		1		1		
4	1	172458-67110	POLE (WHITE:15)		1		1		
5	1	22217-160000	WASHER, SPRING 16		6		6		
6	1	26013-120302	BOLT, M12X 30		6		6		
7	1	26076-160402	BOLT, 10.916X 40		6		6		

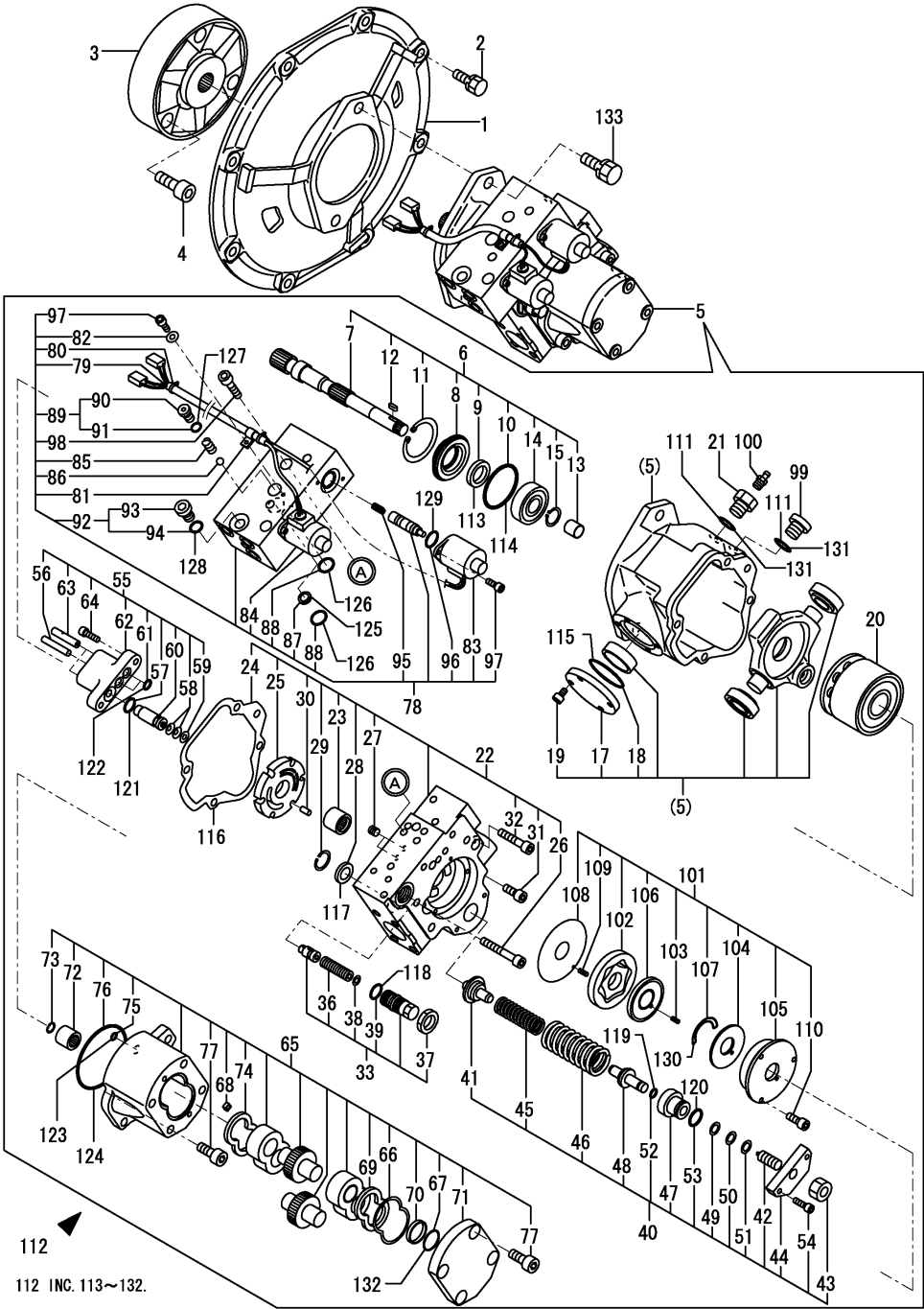


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172469-66300	CANOPY ASSY, ROPS		1						
2	1	172149-66550	WASHER		4						
3	1	22217-120000	WASHER, SPRING 12		4						
4	1	22217-160000	WASHER, SPRING 16		6						
5	1	26076-120402	BOLT, 10.912X 40		4						
6	1	26076-160402	BOLT, 10.916X 40		6						

Fig.61. HYD.OIL PUMP & JOINT

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

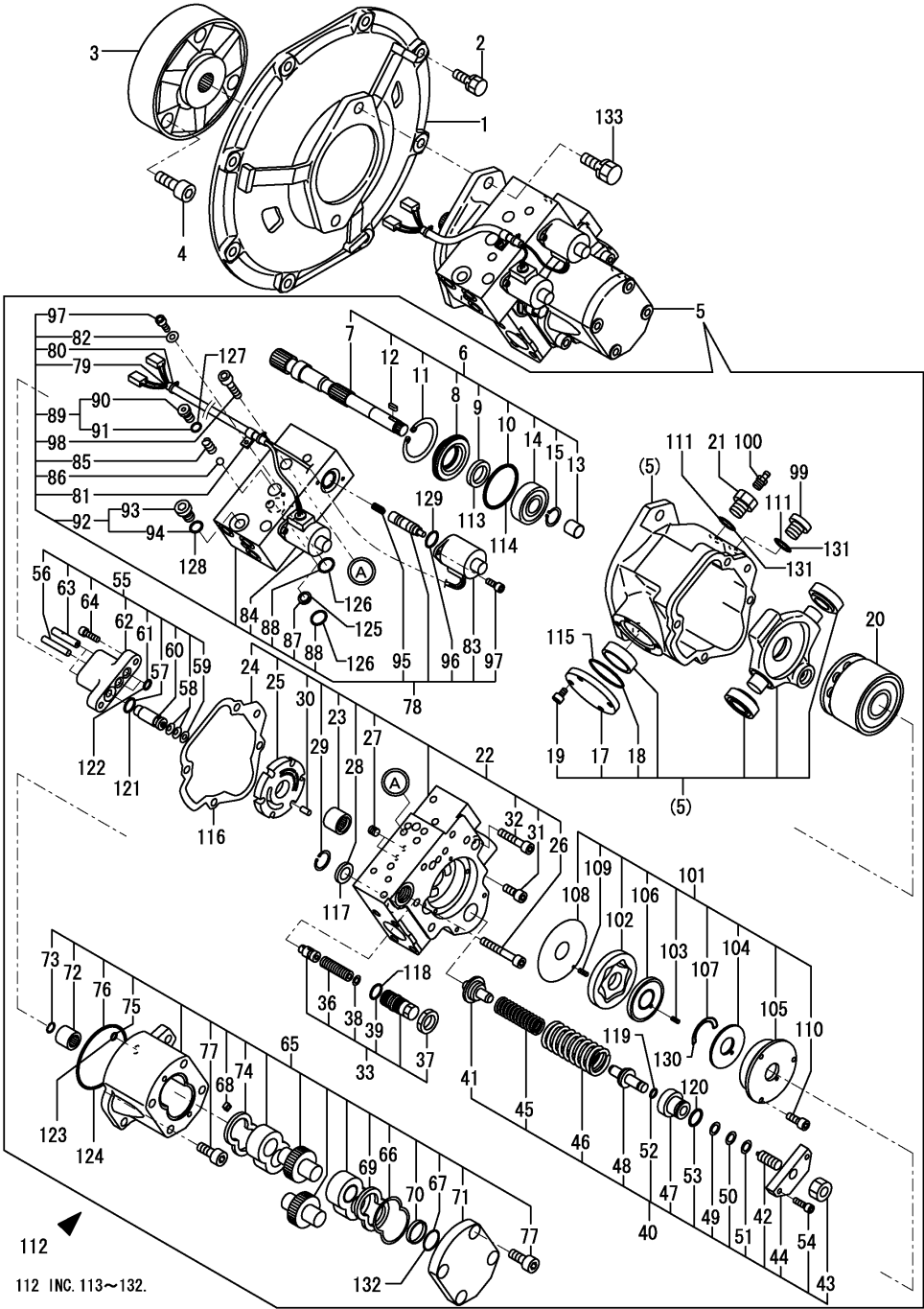


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1						
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	172456-73100	PUMP ASSY	1	1						
6	2	172456-73110	SHAFT ASSY	1	1						
7	3	172456-73120	SHAFT	1	1						
8	3	172456-73130	SEAL, CASE	1	1						
9	3	172456-73140	SEAL, OIL	1	1						
10	3	172456-73150	O-RING	1	1						
11	3	172456-73160	CIRCLIP	1	1						
12	3	172456-73170	KEY	1	1						
13	3	172456-73180	PIN BUSH	1	1						
14	3	172179-73220	BEARING,	1	1						
15	3	22242-000200	RING, 20	1	1						
17	3	172179-73250	COVER	1	1						
18	3	24321-000450	O-RING, 1AG45.0	1	1						
19	3	26450-060122	BOLT, M6X 12	4	4						
20	2	172179-73130	ROTORY SET	1	1						
21	2	172179-73190	BUSHING	1	1						
22	2	172456-73280	COVER ASSY	1	1						
23	3	172179-73270	BEARING	1	1						
24	3	172179-73280	GASKET	1	1						
25	3	172456-73290	CONTROL PLATE	1	1						
26	3	172650-73450	BOLT,8X55HEX SOCKET	2	2						
27	3	172456-73600	ORIFICE	2	2						
28	3	172456-73610	FILTER	1	1						
29	3	172164-73670	CIRCLIP	1	1						
30	3	22312-060120	PIN, PARALLEL M6X12	2	2						
31	3	26450-080202	BOLT, M8X 20	2	2						
32	3	26450-080402	BOLT, M8X 40	1	1						
33	2	172164-73470	VALVE ASSY, RELIEF	1	1						
36	3	172164-73380	SPRING	1	1						
37	3	172164-73390	NUT	1	1						
38	3	172164-73990	SHIM, 6.5X12X0.5		1						
38-1	3	172164-73510	SEAT, SPRING	1	1						R
(B=M/H#21745)											
39	3	172141-74430	O-RING	1	1						
40	2	172456-73650	SPRING ASSY, CONTROL	1	1						
41	3	172179-73400	SEAT, SPRING	1	1						
42	3	172179-73430	SCREW, ADJUST	1	1						
43	3	172179-73460	NUT	1	1						
44	3	172456-73660	COVER	1	1						
45	3	172456-73670	SPRING	1	1						
46	3	172456-73680	SPRING	1	1						
47	3	172456-73690	SEAT, SPRING	1	1						
48	3	172456-73700	PLATE, SPRING	1	1						
49	3	172456-73710	SHIM	1	1						
50	3	172456-73720	SHIM	1	1						
51	3	172456-73730	SHIM	1	1						
52	3	24311-000090	O-RING, 1AP9.0	1	1						

Fig.61. HYD.OIL PUMP & JOINT

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

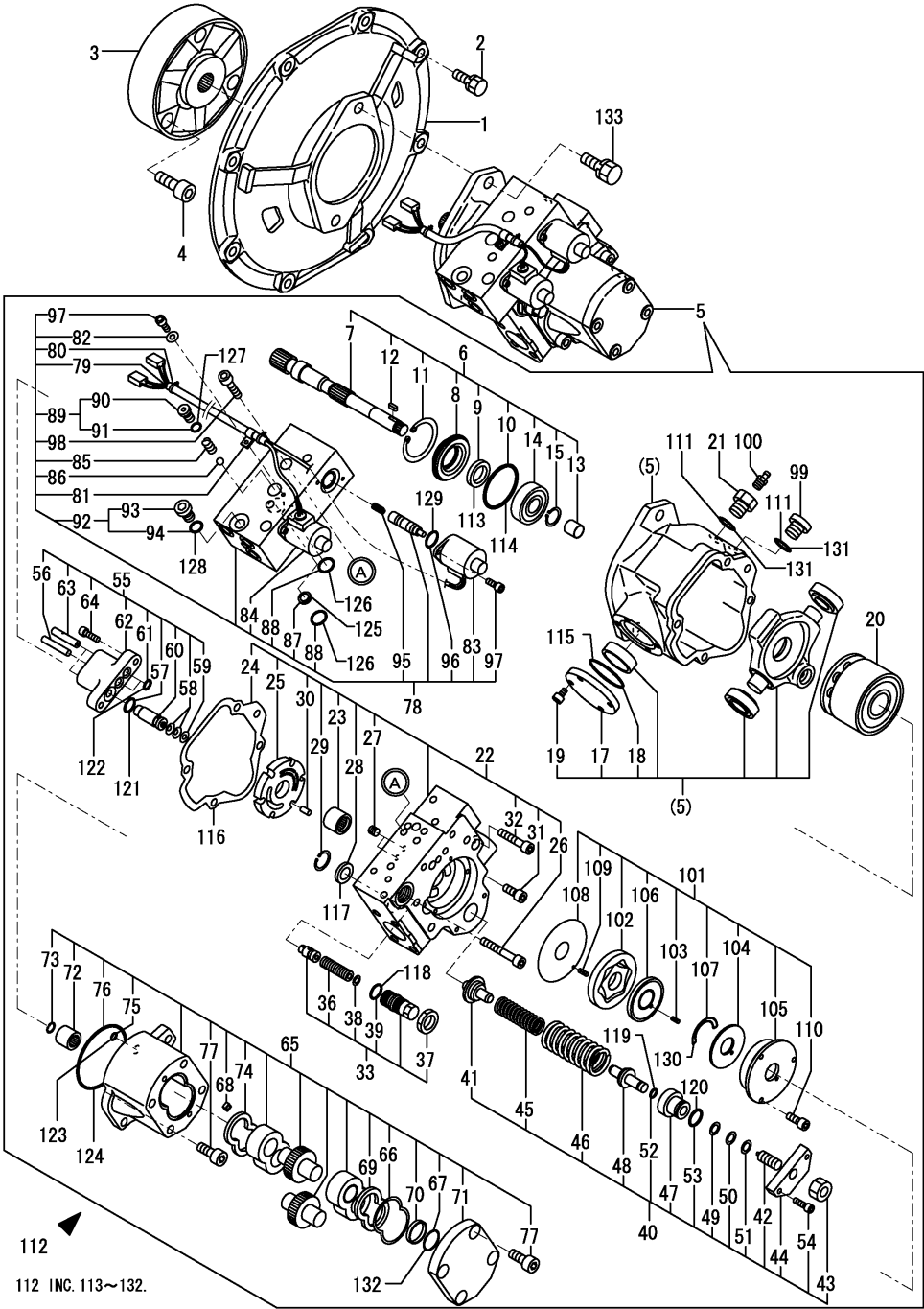


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
53	3	24311-000180	O-RING, 1AP18.0	1	1						
54	3	26450-060202	BOLT, M6X 20	1	1						
55	2	172456-73740	PISTON ASSY, CONTROL	1	1						
56	3	172168-71500	PARALLEL PIN	1	1						
57	3	172168-71510	O-RING	1	1						
58	3	172168-71520	SPRING	2	2						
59	3	172168-71530	RETAINER	1	1						
60	3	172179-73510	PISTON	1	1						
61	3	172179-73540	O-RING	2	2						
62	3	172456-73750	CYLINDER	1	1						
63	3	172456-73770	PISTON, HYDRAULIC	2	2						
64	3	26450-060202	BOLT, M6X 20	2	2						
65	2	172456-73790	PUMP ASSY, GEAR	1	1						
66	3	172141-71520	RING	1	1						
67	3	172141-71550	O-RING	2	2						
68	3	172141-71560	RING	2	2						
69	3	172141-73220	PLATE	1	1						
70	3	172141-73230	GUIDE	2	2						
71	3	172456-73800	COVER	1	1						
72	3	172456-73810	COUPLING	1	1						
73	3	172456-73840	CIRCLIP	1	1						
74	3	172456-73850	PLATE	1	1						
75	3	24315-000060	O-RING, 1BP6.0	1	1						
76	3	24321-000900	O-RING, 1AG90.0	1	1						
77	3	26450-100252	BOLT, M10X 25	2	2						
78	2	172456-73860	VALVE ASSY	1	1						
79	3	172164-73030	COVER, SUPPORT	1	1						
80	3	172164-73040	BAND, BINDER	2	2						
81	3	172164-73490	CLAMP	1	1						
82	3	172164-73500	WASHER	1	1						
83	3	172456-73580	SOLENOID (A	1	1						W
(B=M/#20501)											
83-1	3	172989-73160	SOLENOID (A	1	1						R
(A=MXXXXX) (B=MXXXXX)											
84	3	172456-73590	SOLENOID (B	1	1						W
(B=M/#20501)											
84-1	3	172989-73150	SOLENOID (B	1	1						R
(A=MXXXXX) (B=MXXXXX)											
85	3	172456-73880	SPRING	1	1						
86	3	172456-73900	BALL, STEEL	1	1						
87	3	172456-73930	ELEMENT, FILTER	1	1						
88	3	172456-73960	O-RING	2	2						
89	3	172142-74590	PLUG	1	1						
90	4	172142-74650	PLUG 1/8	1	1						
91	4	24315-000080	O-RING, 1BP8.0	1	1						
92	3	172142-74600	PLUG	1	1						
93	4	172142-74660	PLUG 1/4	1	1						
94	4	24315-000110	O-RING, 1BP11.0	1	1						
95	3	172165-74740	SPRING	2	2						
96	3	24311-000160	O-RING, 1AP16.0	2	2						
97	3	26450-040102	BOLT, M4X 10	5	5						

Fig.61. HYD.OIL PUMP & JOINT

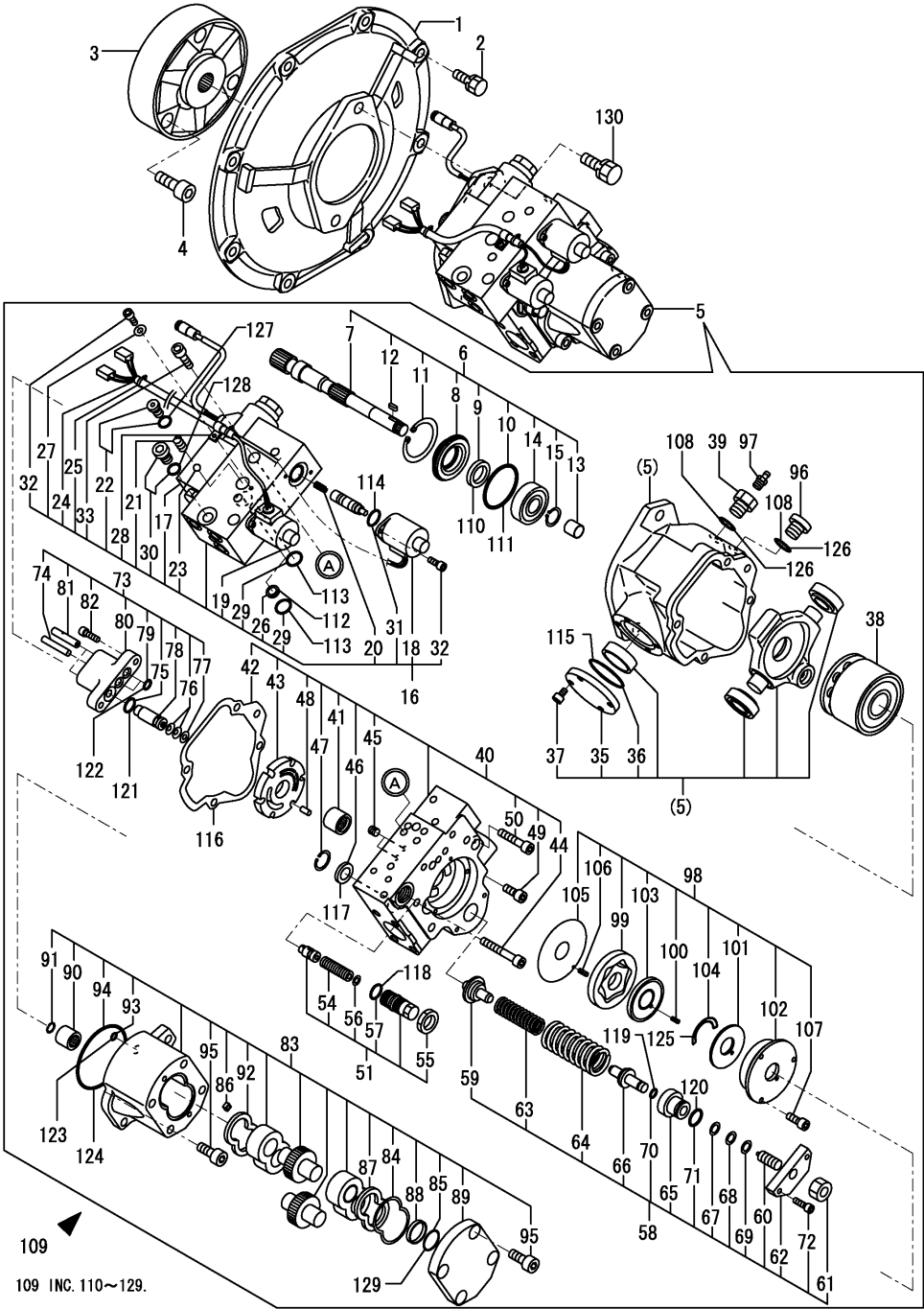
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
98	3	26450-080302	BOLT, M8X 30	2	2						
99	2	172142-74670	PLUG, 3/8	1	1						
100	2	172456-75430	PLUG	1	1						
101	2	172456-75440	PUMP ASSY, TROCHOID	1	1						
102	3	172456-75450	GEAR	1	1						
103	3	172456-75460	PIN, SPRING	1	1						
104	3	172456-75480	PLATE	1	1						
105	3	172187-75860	CASE	1	1						
106	3	172187-75870	PLATE A ,SIDE	1	1						
107	3	172187-75880	O-RING	1	1						
108	3	172187-75910	PLATE B ,SIDE	1	1						
109	3	172187-75920	PIN,SPRING	1	1						
110	3	26450-050122	BOLT, M5X 12	3	3						
111	2	24315-000140	O-RING, 1BP14.0	2	2						
112	1	172456-73070	SEAL SET	1	1						
113	2	172456-73140	SEAL, OIL	1	1						
114	2	172456-73150	O-RING	1	1						
115	2	24321-000450	O-RING, 1AG45.0	1	1						
116	2	172179-73280	GASKET	1	1						
117	2	172456-73610	FILTER	1	1						
118	2	172141-74430	O-RING	1	1						
119	2	24311-000090	O-RING, 1AP9.0	1	1						
120	2	24311-000180	O-RING, 1AP18.0	1	1						
121	2	172168-71510	O-RING	1	1						
122	2	172179-73540	O-RING	2	2						
123	2	24315-000060	O-RING, 1BP6.0	1	1						
124	2	24321-000900	O-RING, 1AG90.0	1	1						
125	2	172456-73930	ELEMENT, FILTER	1	1						
126	2	172456-73960	O-RING	2	2						
127	2	24315-000080	O-RING, 1BP8.0	1	1						
128	2	24315-000110	O-RING, 1BP11.0	1	1						
129	2	24311-000160	O-RING, 1AP16.0	2	2						
130	2	172187-75880	O-RING	1	1						
131	2	24315-000140	O-RING, 1BP14.0	2	2						
132	2	172141-71550	O-RING	2	2						
133	1	26013-120302	BOLT, M12X 30	2	2						

Fig.62. HYD.OIL PUMP& JOINT(QUICK HITCH SPEC.)

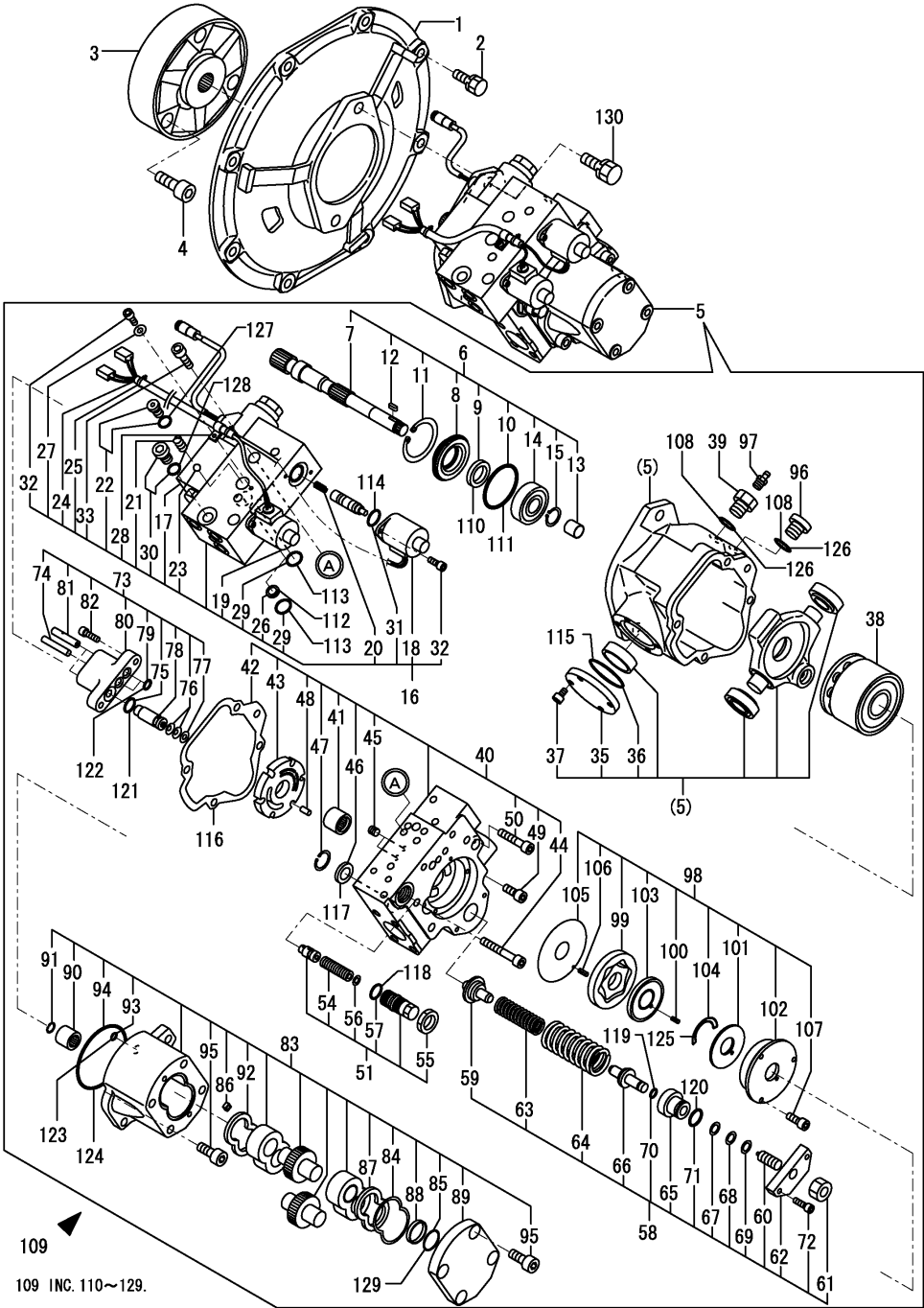


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1		1				
2	1	26013-100302	BOLT, M10X 30	8	8		8				
3	1	172165-71200	COUPLING	1	1		1				
4	1	26450-120402	BOLT, M12X 40	3	3		3				
5	1	172956-73100	PUMP Q ASSY	1	1		1				
6	2	172456-73110	SHAFT ASSY	1	1		1				
7	3	172456-73120	SHAFT	1	1		1				
8	3	172456-73130	SEAL, CASE	1	1		1				
9	3	172456-73140	SEAL, OIL	1	1		1				
10	3	172456-73150	O-RING	1	1		1				
11	3	172456-73160	CIRCLIP	1	1		1				
12	3	172456-73170	KEY	1	1		1				
13	3	172456-73180	PIN BUSH	1	1		1				
14	3	172179-73220	BEARING,	1	1		1				
15	3	22242-000200	RING, 20	1	1		1				
16	2	172956-73110	VALVE ASSY	1	1		1				
17	3	172956-73120	VALVE, SOLENOID		1						
17-1	3	172956-73121	VALVE, SOLENOID	1	1		1				R
(B=M/#22138)											
18	3	172456-73580	SOLENOID (A	1	1		1				W
(B=M/#20501)											
18-1	3	172989-73160	SOLENOID (A	1	1		1				R
(A=MXXXXX) (B=MXXXXX) (D=MXXXXX)											
19	3	172456-73590	SOLENOID (B	1	1		1				W
(B=M/#20501)											
19-1	3	172989-73150	SOLENOID (B	1	1		1				R
(A=MXXXXX) (B=MXXXXX) (D=MXXXXX)											
20	3	172456-73870	SPRING	2	2		2				
21	3	172456-73880	SPRING	1	1		1				
22	3	172456-73890	PLUG ASSY	1	1		1				
23	3	172456-73900	BALL, STEEL	1	1		1				
24	3	172456-73910	COVER	1	1		1				
25	3	172456-73920	BAND	2	2		2				
26	3	172456-73930	ELEMENT, FILTER	1	1		1				
27	3	172456-73940	WASHER	1	1		1				
28	3	172456-73950	CLAMP	1	1		1				
29	3	172456-73960	O-RING	2	2		2				
30	3	172456-73970	PLUG ASSY	1	1		1				
31	3	24311-000160	O-RING, 1AP16.0	2	2		2				
32	3	26450-040102	BOLT, M4X 10	5	5		5				
33	3	26450-080302	BOLT, M8X 30	2	2		2				
35	3	172179-73250	COVER	1	1		1				
36	3	24321-000450	O-RING, 1AG45.0	1	1		1				
37	3	26450-060122	BOLT, M6X 12	4	4		4				
38	2	172179-73130	ROTARY SET	1	1		1				
39	2	172179-73190	BUSHING	1	1		1				
40	2	172456-73280	COVER ASSY	1	1		1				
41	3	172179-73270	BEARING	1	1		1				
42	3	172179-73280	GASKET	1	1		1				
43	3	172456-73290	CONTROL PLATE	1	1		1				
44	3	172650-73450	BOLT,8X55HEX SOCKET	2	2		2				

Fig.62. HYD.OIL PUMP& JOINT(QUICK HITCH SPEC.)

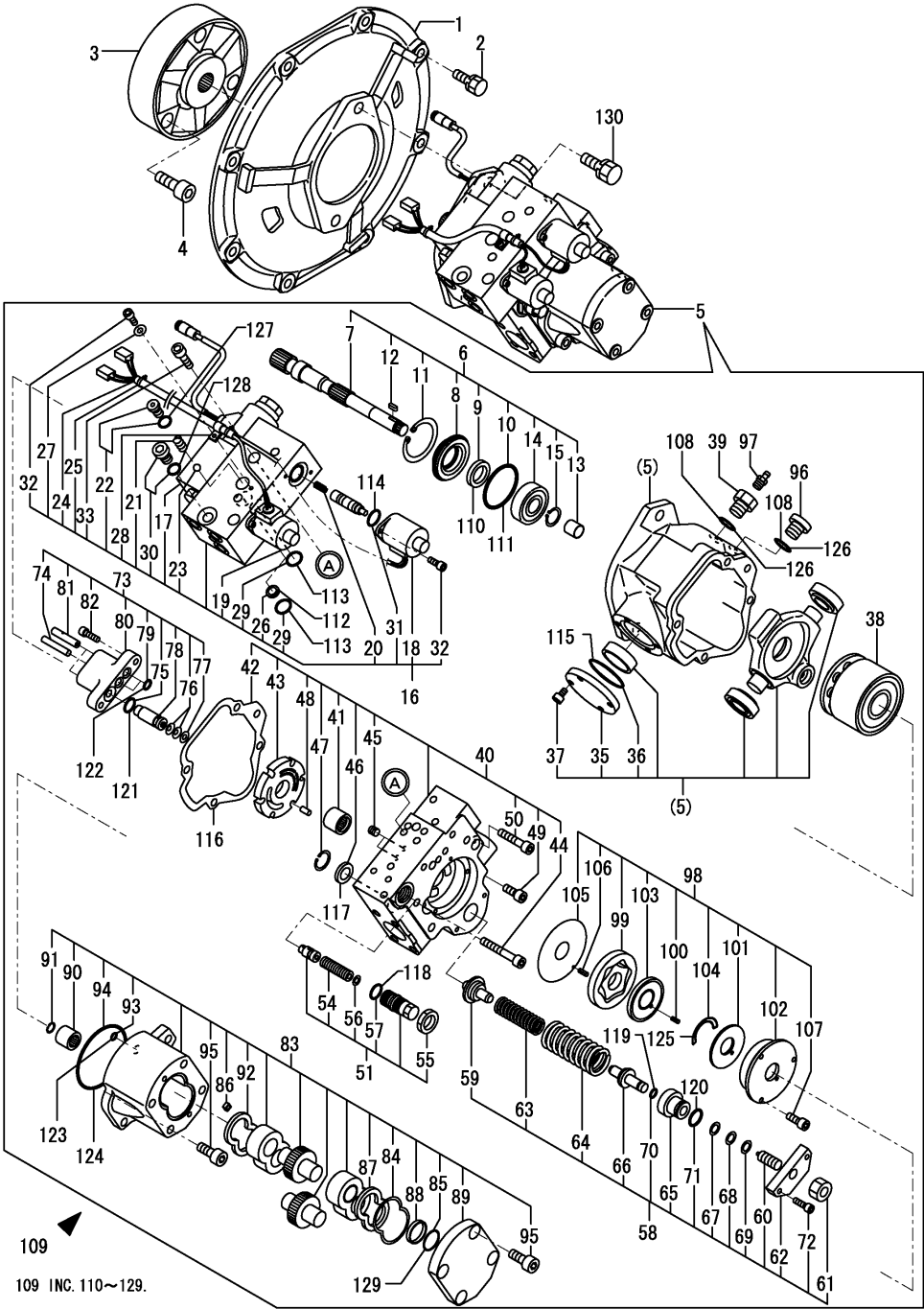


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
45	3	172456-73600	ORIFICE	2	2		2				
46	3	172456-73610	FILTER	1	1		1				
47	3	172164-73670	CIRCLIP	1	1		1				
48	3	22312-060120	PIN, PARALLEL M6X12	2	2		2				
49	3	26450-080202	BOLT, M8X 20	2	2		2				
50	3	26450-080402	BOLT, M8X 40	1	1		1				
51	2	172164-73470	VALVE ASSY, RELIEF	1	1		1				
54	3	172164-73380	SPRING	1	1		1				
55	3	172164-73390	NUT	1	1		1				
56	3	172164-73990	SHIM, 6.5X12X0.5		1						
56-1	3	172164-73510	SEAT, SPRING	1	1		1				R
(B=M/#21745)											
57	3	172141-74430	O-RING	1	1		1				
58	2	172456-73650	SPRING ASSY, CONTROL	1	1		1				
59	3	172179-73400	SEAT, SPRING	1	1		1				
60	3	172179-73430	SCREW, ADJUST	1	1		1				
61	3	172179-73460	NUT	1	1		1				
62	3	172456-73660	COVER	1	1		1				
63	3	172456-73670	SPRING	1	1		1				
64	3	172456-73680	SPRING	1	1		1				
65	3	172456-73690	SEAT, SPRING	1	1		1				
66	3	172456-73700	PLATE, SPRING	1	1		1				
67	3	172456-73710	SHIM	1	1		1				
68	3	172456-73720	SHIM	1	1		1				
69	3	172456-73730	SHIM	1	1		1				
70	3	24311-000090	O-RING, 1AP9.0	1	1		1				
71	3	24311-000180	O-RING, 1AP18.0	1	1		1				
72	3	26450-060202	BOLT, M6X 20	1	1		1				
73	2	172456-73740	PISTON ASSY, CONTROL	1	1		1				
74	3	172168-71500	PARALLEL PIN	1	1		1				
75	3	172168-71510	O-RING	1	1		1				
76	3	172168-71520	SPRING	2	2		2				
77	3	172168-71530	RETAINER	1	1		1				
78	3	172179-73510	PISTON	1	1		1				
79	3	172179-73540	O-RING	2	2		2				
80	3	172456-73750	CYLINDER	1	1		1				
81	3	172456-73770	PISTON, HYDRAULIC	2	2		2				
82	3	26450-060202	BOLT, M6X 20	2	2		2				
83	2	172456-73790	PUMP ASSY, GEAR	1	1		1				
84	3	172141-71520	RING	1	1		1				
85	3	172141-71550	O-RING	2	2		2				
86	3	172141-71560	RING	2	2		2				
87	3	172141-73220	PLATE	1	1		1				
88	3	172141-73230	GUIDE	2	2		2				
89	3	172456-73800	COVER	1	1		1				
90	3	172456-73810	COUPLING	1	1		1				
91	3	172456-73840	CIRCLIP	1	1		1				
92	3	172456-73850	PLATE	1	1		1				
93	3	24315-000060	O-RING, 1BP6.0	1	1		1				
94	3	24321-000900	O-RING, 1AG90.0	1	1		1				
95	3	26450-100252	BOLT, M10X 25	2	2		2				

Fig.62. HYD.OIL PUMP& JOINT(QUICK HITCH SPEC.)

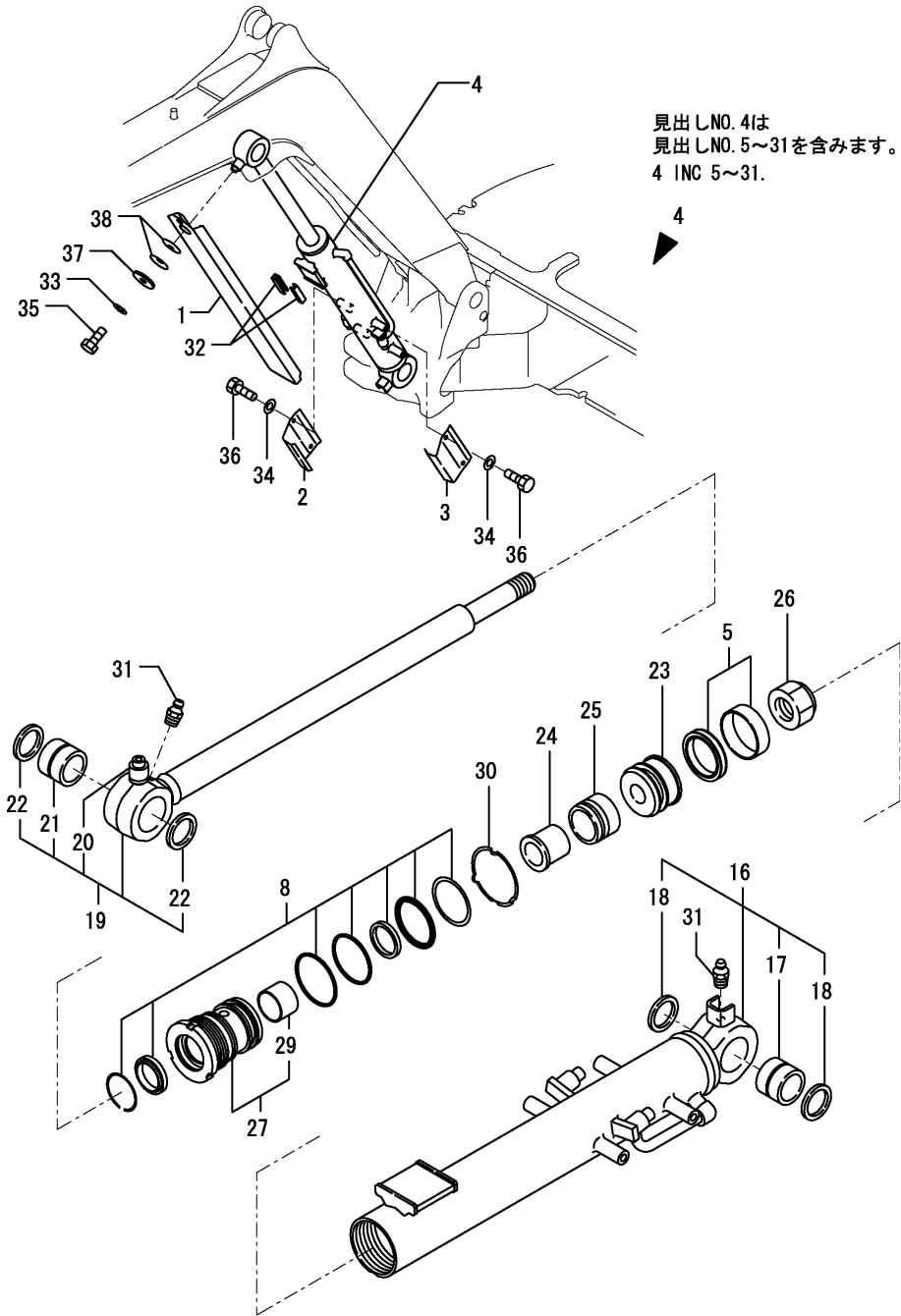
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
96	2	172142-74670	PLUG, 3/8	1	1		1				
97	2	172456-75430	PLUG	1	1		1				
98	2	172456-75440	PUMP ASSY, TROCHOID	1	1		1				
99	3	172456-75450	GEAR	1	1		1				
100	3	172456-75460	PIN, SPRING	1	1		1				
101	3	172456-75480	PLATE	1	1		1				
102	3	172187-75860	CASE	1	1		1				
103	3	172187-75870	PLATE A, SIDE	1	1		1				
104	3	172187-75880	O-RING	1	1		1				
105	3	172187-75910	PLATE B, SIDE	1	1		1				
106	3	172187-75920	PIN, SPRING	1	1		1				
107	3	26450-050122	BOLT, M5X 12	3	3		3				
108	2	24315-000140	O-RING, 1BP14.0	2	2		2				
109	1	172456-73070	SEAL SET	1	1		1				
110	2	172456-73140	SEAL, OIL	1	1		1				
111	2	172456-73150	O-RING	1	1		1				
112	2	172456-73930	ELEMENT, FILTER	1	1		1				
113	2	172456-73960	O-RING	2	2		2				
114	2	24311-000160	O-RING, 1AP16.0	2	2		2				
115	2	24321-000450	O-RING, 1AG45.0	1	1		1				
116	2	172179-73280	GASKET	1	1		1				
117	2	172456-73610	FILTER	1	1		1				
118	2	172141-74430	O-RING	1	1		1				
119	2	24311-000090	O-RING, 1AP9.0	1	1		1				
120	2	24311-000180	O-RING, 1AP18.0	1	1		1				
121	2	172168-71510	O-RING	1	1		1				
122	2	172179-73540	O-RING	2	2		2				
123	2	24315-000060	O-RING, 1BP6.0	1	1		1				
124	2	24321-000900	O-RING, 1AG90.0	1	1		1				
125	2	172187-75880	O-RING	1	1		1				
126	2	24315-000140	O-RING, 1BP14.0	2	2		2				
127	2	24315-000080	O-RING, 1BP8.0	1	1		1				
128	2	24315-000110	O-RING, 1BP11.0	1	1		1				
129	2	172141-71550	O-RING	2	2		2				
130	1	26013-120302	BOLT, M12X 30	2	2		2				

Fig.63. BOOM CYLINDER(CABIN & ROPS CANOPY SPEC.)

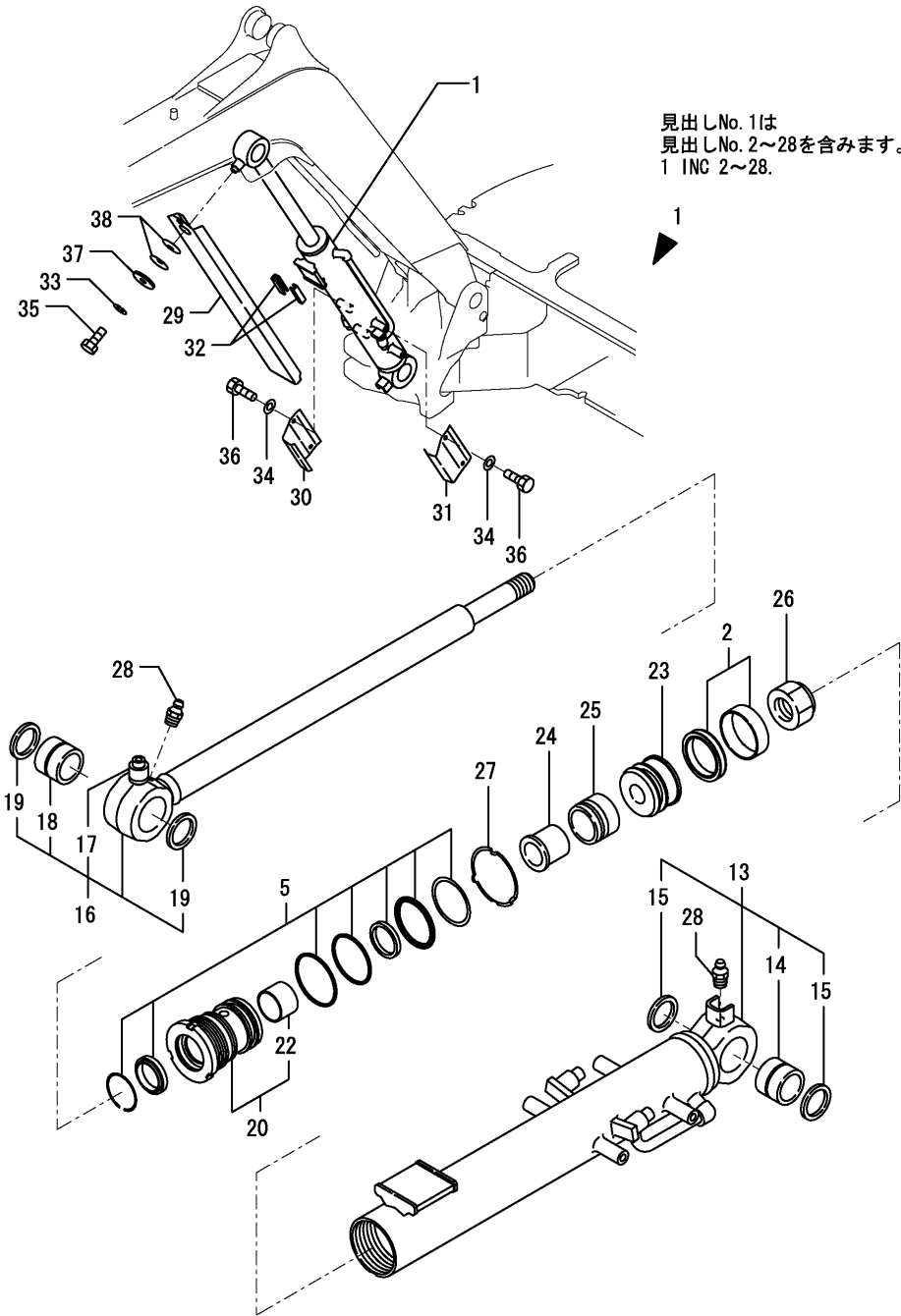


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
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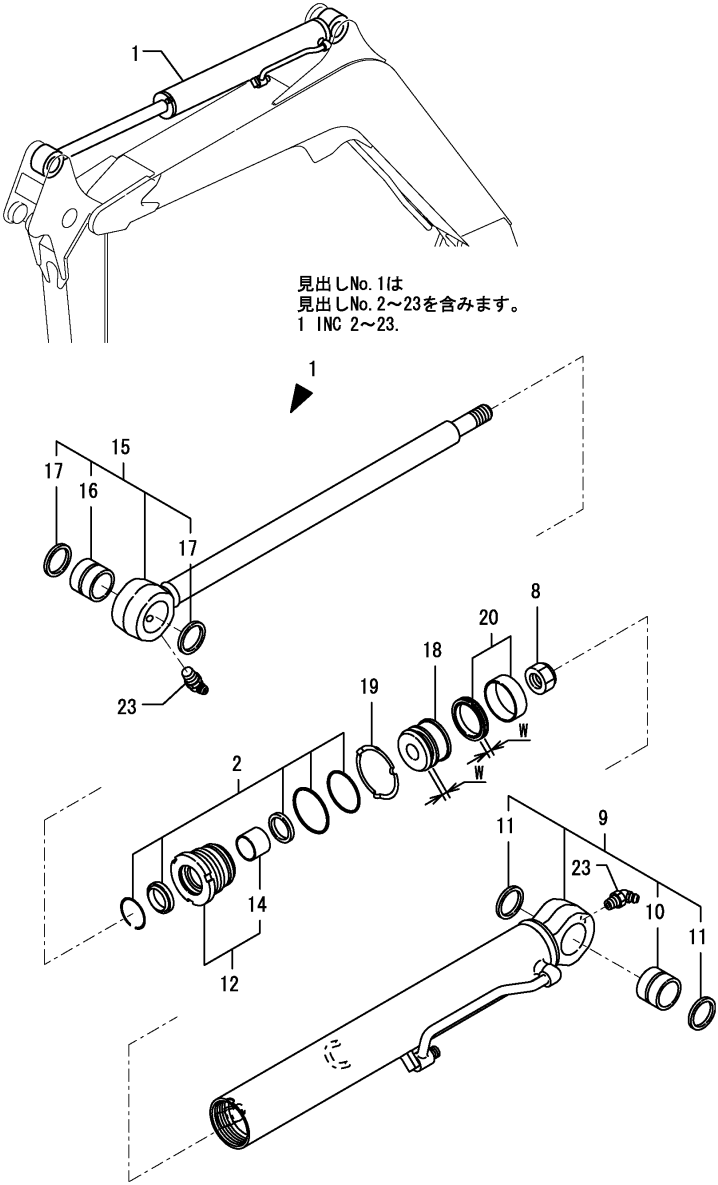
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72200	COVER, SLIDE	1	1						
2	1	172457-72230	COVER ASSY, CYLINDER	1	1						
3	1	172457-72240	COVER, CYLINDER	1	1						
4	1	172469-72400	CYLINDER ASSY, BOOM	1	1						
5	2	172143-72010	SEAL SET, PISTON 70		1						
5-1	2	172460-72070	SEAL SET, PISTON	1	1						N
(B=M/#21915)											
8	2	172456-72010	SEAL SET, HEAD 70 40	1	1						
16	2	172456-72110	TUBE, BOOM	1	1						
17	3	172168-72410	BUSH 40X50X40	1	1						
18	3	172165-81750	SEAL, DUST 40X50X5		2						
18-1	3	172448-72650	SEAL, DUST	2	2						R
(B=M/#21808)											
19	2	172456-72130	LOD ASSY,BOOM 40	1	1						
20	3	172168-72390	SEAT, SCREW M10X34.3	1	1						W
(B=M/#20501)											
21	3	172168-72410	BUSH 40X50X40	1	1						
22	3	172165-81750	SEAL, DUST 40X50X5		2						
22-1	3	172448-72650	SEAL, DUST	2	2						R
(B=M/#21808)											
23	2	172456-72190	PISTON 70 27	1	1						
24	2	172457-72190	COLLAR, 27 38	1	1						
25	2	172457-72200	PLUNGER 50,CUSHON	1	1						
26	2	172141-72250	NUT	1	1						
27	2	172469-72410	HEAD ASSY,70 40	1	1						
29	3	933135-14600	BUSH 40 30, ROD		1						
29-1	3	24550-040300	BUSH, 40X30	1	1						R
(B=M/#21581)											
30	2	172141-72420	WASHER 70, LOCK	1	1						
31	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
32	1	172186-72480	GUIDE, SLIDE	2	2						
33	1	22217-100000	WASHER, SPRING 10	1	1						
34	1	22217-100000	WASHER, SPRING 10	4	4						
35	1	26116-100162	BOLT, M10X 16 PLATED	1	1						
36	1	26116-100162	BOLT, M10X 16 PLATED	4	4						
37	1	933147-03400	WASHER, BRAKE ARM	1	1						
38	1	933168-14170	SPRING	2	2						

Fig.64. BOOM CYLINDER(CANOPY SPEC.)



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72100	CYLINDER ASSY, BOOM		1		1				
2	2	172143-72010	SEAL SET, PISTON 70		1						
2-1	2	172460-72070	SEAL SET, PISTON		1		1			N	
(B=M/#21813)											
5	2	172456-72010	SEAL SET, HEAD 70 40		1		1				
13	2	172456-72110	TUBE, BOOM		1		1				
14	3	172168-72410	BUSH 40X50X40		1		1				
15	3	172165-81750	SEAL, DUST 40X50X5		2						
15-1	3	172448-72650	SEAL, DUST		2		2			R	
(B=M/#21808)											
16	2	172456-72130	LOD ASSY,BOOM 40		1		1				
17	3	172168-72390	SEAT, SCREW M10X34.3		1		1			W	
(B=M/#20501)											
18	3	172168-72410	BUSH 40X50X40		1		1				
19	3	172165-81750	SEAL, DUST 40X50X5		2						
19-1	3	172448-72650	SEAL, DUST		2		2			R	
(B=M/#21808)											
20	2	172456-72170	HEAD ASSY 70 40		1		1				
22	3	933135-14600	BUSH 40 30, ROD		1						
22-1	3	24550-040300	BUSH, 40X30		1		1			R	
(B=M/#21581)											
23	2	172456-72190	PISTON 70 27		1		1				
24	2	172457-72190	COLLAR, 27 38		1		1				
25	2	172457-72200	PLUNGER 50,CUSHON		1		1				
26	2	172141-72250	NUT		1		1				
27	2	172141-72420	WASHER 70, LOCK		1		1				
28	2	24761-020000	NIPPLE, GREASE PT1/8		2		2				
29	1	172456-72200	COVER, SLIDE		1		1				
30	1	172457-72230	COVER ASSY, CYLINDER		1		1				
31	1	172457-72240	COVER, CYLINDER		1		1				
32	1	172186-72480	GUIDE, SLIDE		2		2				
33	1	22217-100000	WASHER, SPRING 10		1		1				
34	1	22217-100000	WASHER, SPRING 10		4		4				
35	1	26116-100162	BOLT, M10X 16 PLATED		1		1				
36	1	26116-100162	BOLT, M10X 16 PLATED		4		4				
37	1	933147-03400	WASHER, BRAKE ARM		1		1				
38	1	933168-14170	SPRING		2		2				

Fig.65. ARM CYLINDER



Remarks
(1)W=REF.NO.18:9MM,REF.NO.18-1:11MM.
(2)W=REF.NO.20:9MM,REF.NO.20-1:11MM
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.18-1.

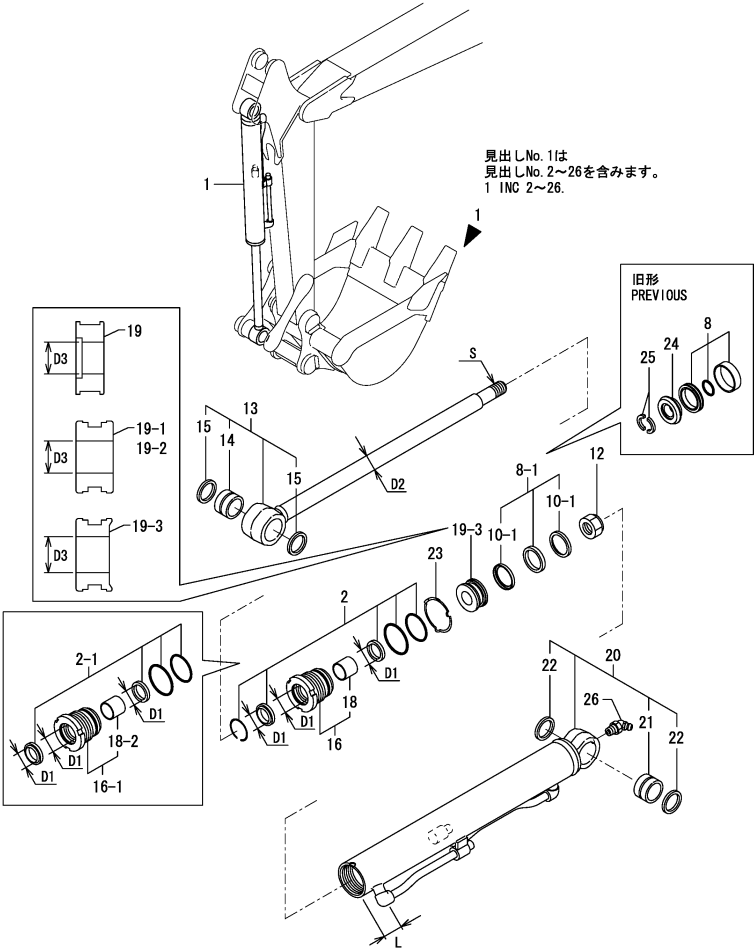
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72300	CYLINDER, ARM	1	1		1				
2	2	172456-72020	SEAL SET, HEAD 65 35	1	1		1				
8	2	172171-72130	NUT, M24	1	1		1				
9	2	172456-72310	TUBE, ARM	1	1		1				
10	3	172168-72410	BUSH 40X50X40	1	1		1				
11	3	172165-81750	SEAL, DUST 40X50X5			2					
11-1	3	172448-72650	SEAL, DUST	2	2		2			R	
		(B=M/#21808)									
12	2	172173-72330	HEAD ASSY, 65 35	1	1		1				
14	3	933111-01600	BUSH 35 30, ROD		1						
14-1	3	24550-035300	BUSH, 35X30	1	1		1			R	
		(B=M/#21581)									
15	2	172456-72330	LOD ASSY,ARM	1	1		1				
16	3	172168-72410	BUSH 40X50X40	1	1		1				
17	3	172165-81750	SEAL, DUST 40X50X5			2					
17-1	3	172448-72650	SEAL, DUST	2	2		2			R	
		(B=M/#21808)									
18	2	172173-72351	PISTON 65 24		1						
18-1	2	172173-72352	PISTON 65 24	1	1		1			S	1
		(B=M/#21813)									
19	2	172142-72560	WASHER 65, LOCK	1	1		1				
20	2	172148-72940	SEAL SET, PISTON		1						
20-1	2	172148-72941	SEAL SET, PISTON	1	1		1			F	2
		(B=M/#21813)									
23	2	24761-040000	NIPPLE, GREASE B	2	2		2				

Fig.66. BUCKET CYLINDER

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

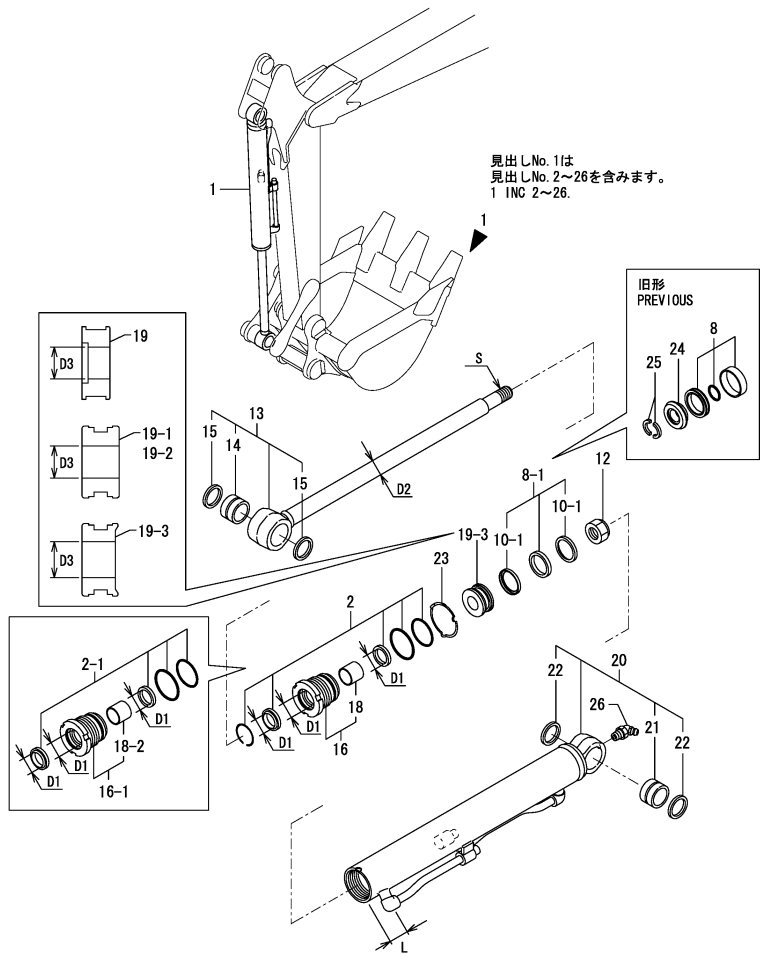
(D)=VIO20-2 P(EX)
(E)=
(F)=



Remarks
(1)D1=REF.NO.2,NO.16:30MM,
REF.NO.2-1,NO.16-1:35MM.
(2)REF.NO.13:D2=30MM,S=M24,
REF.NO.13-1:D2=35MM,S=M24,
REF.NO.13-2:D2=35MM,S=M27.
(3)D3=REF.NO.19,NO.19-1,NO.19-2:24MM,
REF.NO.19-3:27MM.
(4)L=REF.NO.20-1:49.5MM,
REF.NO.20-2:55.5MM.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72500	CYLINDER ASSY		1						
1-1	1	172456-72501	CYLINDER ASSY (B=M/#21783)		1						R
1-2	1	172456-72502	CYLINDER ASSY (B=M/#22194)	1	1						R
2	2	172456-72030	SEAL SET, HEAD 55 30		1						
2-1	2	172456-72031	SEAL SET, HEAD 55 35 (B=M/#21783)	1	1					S	1
8	2	172456-72040	SEAL SET, PISTON 55		1						
8-1	2	172449-72320	GASKET (B=M/#21783)		1						S
8-2	2	172449-72321	GASKET ASSY, RGU55 (B=M/#21808)	1	1						N
10-1	3	172449-72390	BEARING, PWL 55 (B=M/#21783)	2	2						S
12	2	172171-72130	NUT, M24		1						
12-1	2	172141-72250	NUT (B=M/#22194)	1	1						S
13	2	172173-72461	ROD ASSY,BUCKET		1						
13-1	2	172456-72560	LOD CMP,BUCKET (B=M/#21783)		1					S	2
13-2	2	172456-72561	ROD ASSY, BUCKET (B=M/#22194)	1	1					S	2
13-3	2	172456-72600	ROD ASSY,BUCKET (A=XXX) (B=XXX)	1	1						N
14	3	172141-72561	BUSH (35-45-30	1	1						
15	3	172171-81280	SEAL, DUST 35X45X4		2						
15-1	3	172448-81610	SEAL, DUST 35X45X4 (B=M/#22194)	2	2						R
16	2	172173-72490	HEAD ASSY, 55 30		1						
16-1	2	172449-72410	HEAD CMP B,55-35 (B=M/#21783)	1	1					S	1
18	3	933111-01800	BUSH 30 30		1						
18-1	3	24550-030300	BUSH, 30X30 (B=M/#21581)		1						R
18-2	3	24550-035300	BUSH, 35X30 (B=M/#21783)	1	1						S
19	2	172173-72512	PISTON A		1						
19-1	2	172449-72310	PISTON 55(24-28) (B=M/#21783)		1					S	3
19-2	2	172449-72311	PISTON 55(24-28) (B=M/#21808)		1					N	3
19-3	2	172456-72580	PISTON 55 (27-27) (B=M/#22194)	1	1					S	3
20	2	172456-72510	TUBE, BUCKET		1						
20-1	2	172456-72511-4	TUBE, BUCKET (B=M/#20580)		1						N
20-2	2	172456-72512	TUBE, BUCKET (B=M/#21783)	1	1					S	4
20-3	2	172456-72590	TUBE ASSY, BUCKET (A=XXX) (B=XXX)	1	1						N

Fig.66. BUCKET CYLINDER

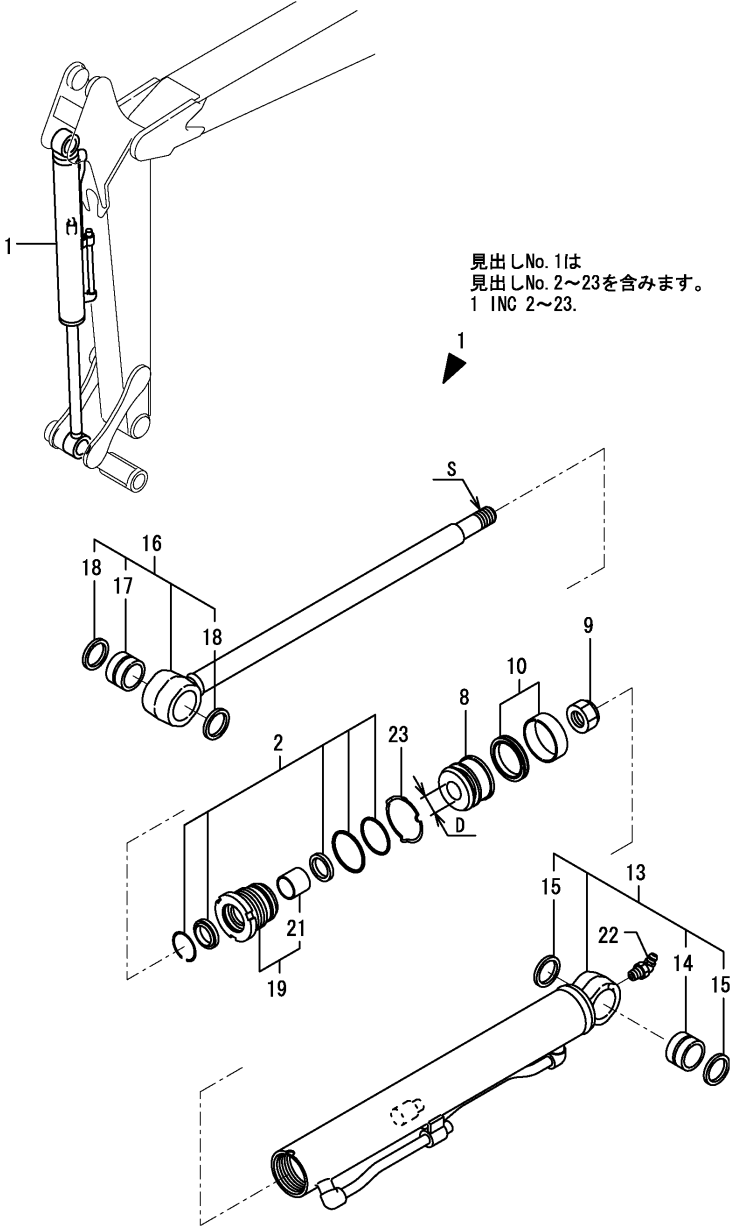


Remarks
(1)D1=REF.NO.2,NO.16:30MM,
REF.NO.2-1,NO.16-1:35MM.
(2)REF.NO.13:D2=30MM,S=M24,
REF.NO.13-1:D2=35MM,S=M24,
REF.NO.13-2:D2=35MM,S=M27.
(3)D3=REF.NO.19,NO.19-1,NO.19-2:24MM,
REF.NO.19-3:27MM.
(4)L=REF.NO.20-1:49.5MM,
REF.NO.20-2:55.5MM.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
21	3	172141-72561	BUSH (35-45-30	1	1						
22	3	172171-81280	SEAL, DUST 35X45X4		2						
22-1	3	172448-81610	SEAL, DUST 35X45X4	2	2						R
(B=M/#21808)											
23	2	172173-72550	ROCK WASHER 55	1	1						
24	2	172173-72560	PISTON B		1						Z
(B=M/#21783)											
25	2	172173-72570	COLLAR		2						Z
(B=M/#21783)											
26	2	24761-040000	NIPPLE, GREASE B	1	1						

Fig.67. BUCKET CYLINDER(QUICK HITCH SPEC.)



Remarks
(1)D=REF.NO.8:24MM,NO.8-1:27MM.
(2)S=REF.NO.16:M24,NO.16-1:M27.

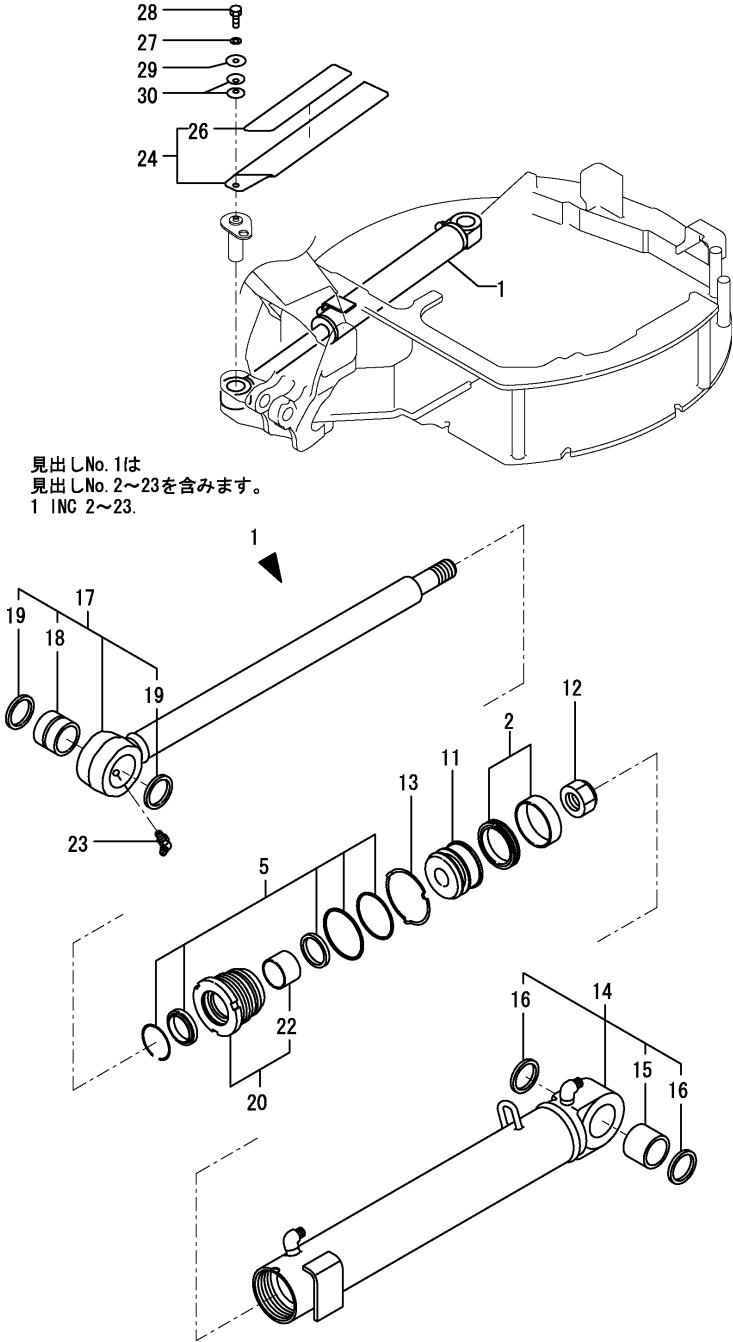
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-72500	CYLINDER ASSY		1						
1-1	1	172956-72501	CYLINDER ASSY	1	1		1			N	
(B=M/#22194)											
2	2	172457-72050	SEAL SET, HEAD	1	1		1				
8	2	172171-72120	PISTON		1						
8-1	2	172956-72560	PISTON 60	1	1		1			S	1
(B=M/#22194)											
9	2	172171-72130	NUT, M24		1						
9-1	2	172141-72250	NUT	1	1		1			S	
(B=M/#22194)											
10	2	172137-72452	SEAL SET, PISTON 60A		1						
10-1	2	172137-72453	SEAL SET, PISTON 60A	1	1		1			N	
(B=M/#21915)											
13	2	172956-72510	TUBE, BUCKET		1						
13-1	2	172956-72511	TUBE, BUCKET	1	1		1			N	
(B=M/#20580)											
14	3	172141-72561	BUSH (35-45-30	1	1		1				
15	3	172171-81280	SEAL, DUST 35X45X4		2						
15-1	3	172448-81610	SEAL, DUST 35X45X4	2	2		2			R	
(B=M/#21808)											
16	2	172956-72530	ROD, BUCKET Q		1						
16-1	2	172956-72531	ROD ASSY, BUCKET (Q)	1	1		1			S	2
(B=M/#22194)											
17	3	172141-72561	BUSH (35-45-30	1	1		1				
18	3	172171-81280	SEAL, DUST 35X45X4		2						
18-1	3	172448-81610	SEAL, DUST 35X45X4	2	2		2			R	
(B=M/#21808)											
19	2	172141-72540	HEAD 6035, CYLINDER	1	1		1				
21	3	933111-01600	BUSH 35 30, ROD		1						
21-1	3	24550-035300	BUSH, 35X30	1	1		1			R	
(B=M/#21581)											
22	2	24761-040000	NIPPLE, GREASE B	1	1		1				
23	2	933125-59600	WASHER 60 B, LOCK	1	1		1				

Fig.68. SWING CYLINDER

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

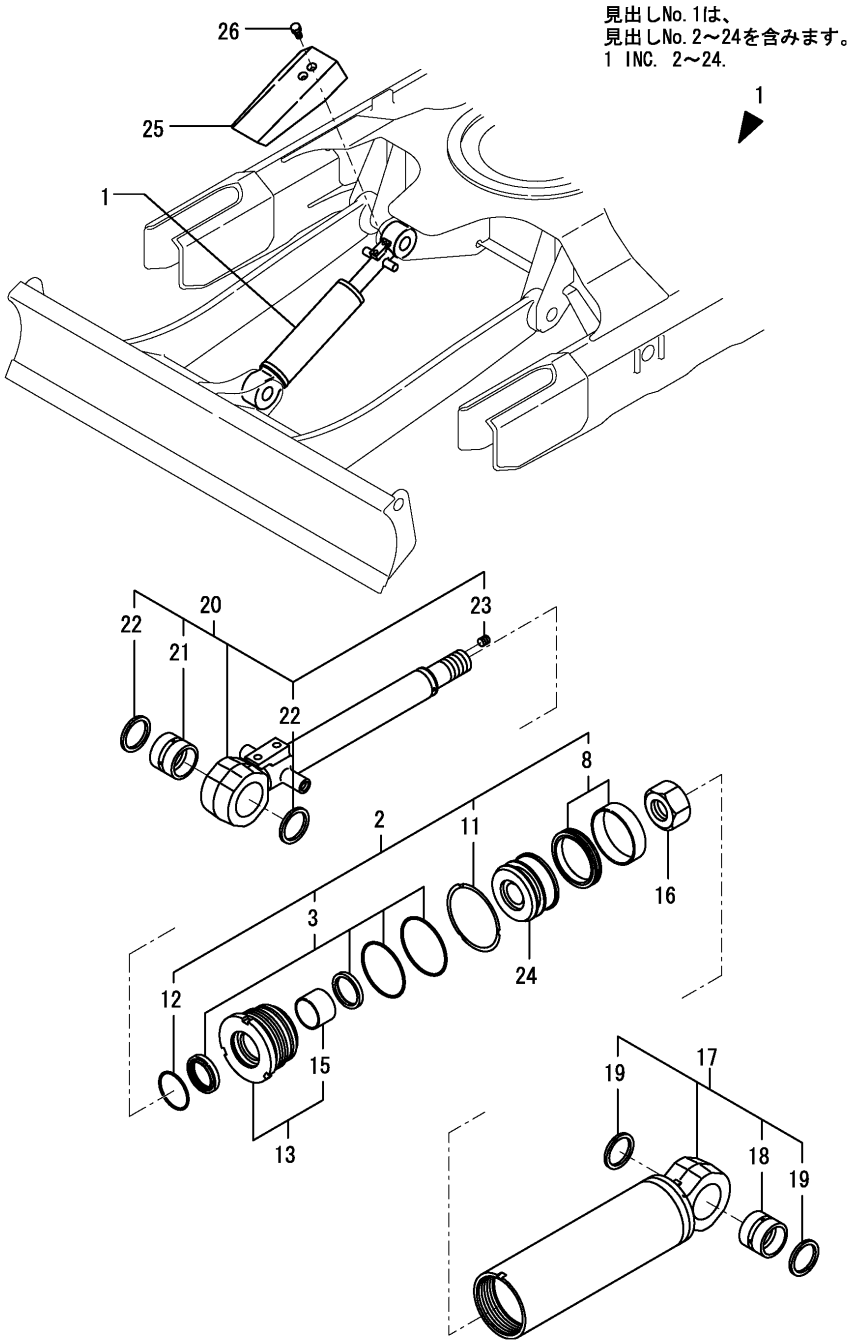
(D)=VIO20-2 P(EX)
(E)=
(F)=



見出しNo. 1は
見出しNo. 2～23を含みます。
1 INC 2～23.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72700	CYLINDER ASSY, SWING	1	1		1				
2	2	172143-72010	SEAL SET, PISTON 70		1						
2-1	2	172460-72070	SEAL SET, PISTON	1	1		1			N	
(B=M/#21813)											
5	2	172456-72050	SEAL SET, HEAD	1	1		1				
11	2	172456-72190	PISTON 70 27	1	1		1				
12	2	172141-72250	NUT	1	1		1				
13	2	172141-72420	WASHER 70, LOCK	1	1		1				
14	2	172456-72710	TUBE, SWING	1	1		1				
15	3	172458-72740	BUSH 40X40,SO	1	1		1				
16	3	172165-81750	SEAL, DUST 40X50X5		2						
16-1	3	172448-72650	SEAL, DUST	2	2		2			R	
(B=M/#21808)											
17	2	172456-72740	ROD ASSY,SWING	1	1		1				
18	3	172165-72310	BUSH 40X40	1	1		1				
19	3	172165-81750	SEAL, DUST 40X50X5		2						
19-1	3	172448-72650	SEAL, DUST	2	2		2			R	
(B=M/#21808)											
20	2	172421-72750	HEAD ASSY,70 40		1						
20-1	2	172143-72400	HEAD 70 40	1	1		1			R	
(B=M/#20501)											
22	3	933135-14600	BUSH 40 30, ROD		1						
22-1	3	24550-040300	BUSH, 40X30	1	1		1			R	
(B=M/#21581)											
23	2	24761-050000	NIPPLE, GREASE C	1	1		1				
24	1	172456-72790	COVER, SWING		1		1				
26	2	172456-72830	SEAT, COVER		1		1				
26-1	2	172164-62431	SHEET		1		1			R	
(B=M/#XXXXX) (D=M/#XXXXX)											
27	1	22217-100000	WASHER, SPRING 10	1	1		1				
28	1	26116-100162	BOLT, M10X 16 PLATED	1	1		1				
29	1	933147-03400	WASHER, BRAKE ARM		1		1				
30	1	933168-14170	SPRING		2		2				

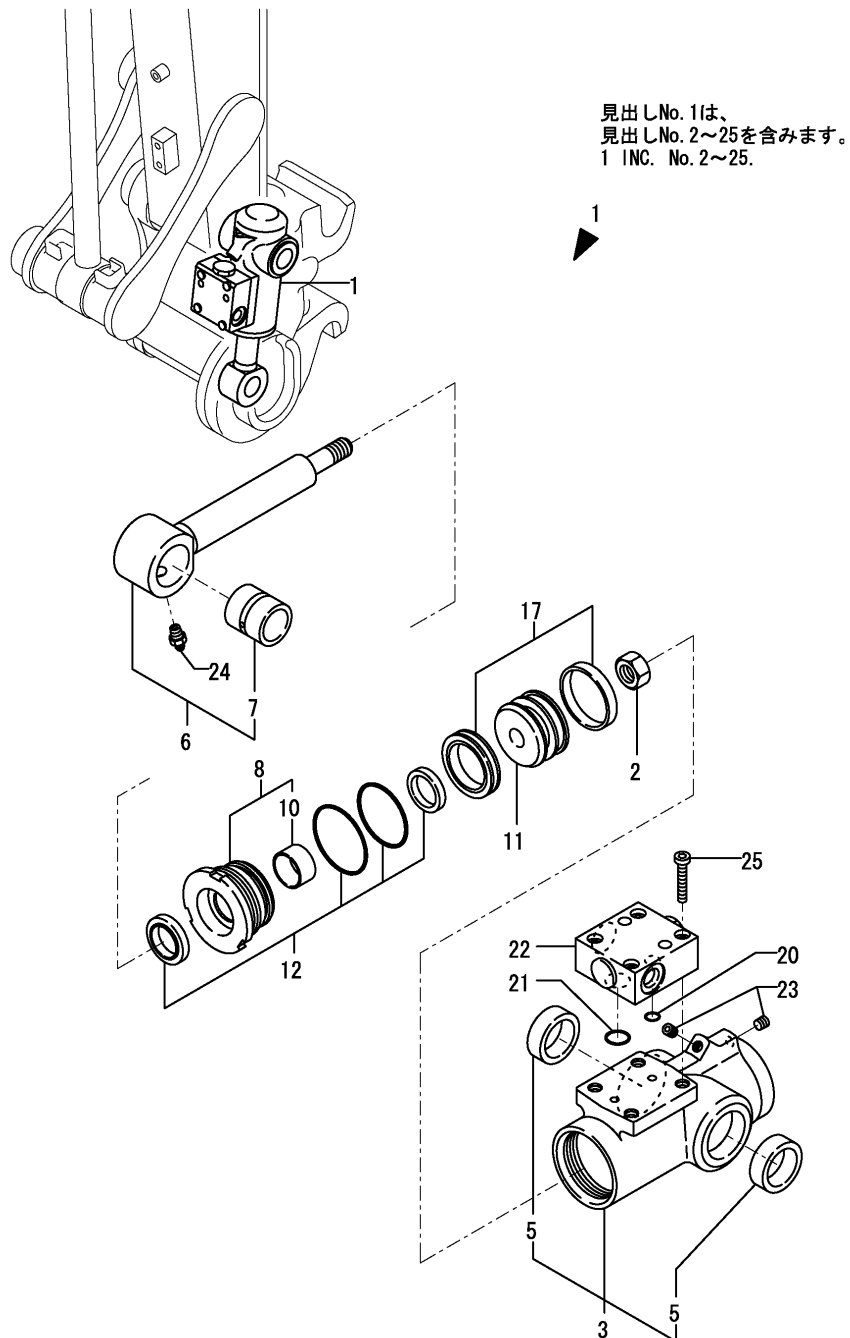
Fig.69. BLADE CYLINDER



見出しNo. 1は、
見出しNo. 2~24を含みます。
1 INC. 2~24.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172421-72700	CYLINDER ASSY, BLADE	1	1		1				
2	2	172168-72010	SEAL SET, CYLINDER		1						Z
(B=M/#21813)											
3	3	172168-72020	SEAL SET, HEAD 70X40	1	1		1				
8	3	172168-72030	SEAL SET, 70X40		1						
8-1	3	172460-72070	SEAL SET, PISTON	1	1		1				N
(B=M/#21813)											
11	3	172141-72420	WASHER 70, LOCK	1	1		1				
12	3	933111-26600	RING 55, SPRING	1	1		1				
13	2	172143-72400	HEAD 70 40	1	1		1				
15	3	933135-14600	BUSH 40 30, ROD		1						
15-1	3	24550-040300	BUSH, 40X30	1	1		1				R
(B=M/#21581)											
16	2	172175-72550	NUT	1	1		1				
17	2	172421-72710	TUBE ASSY, BLADE	1	1		1				
18	3	172168-72240	BUSH 38X50X40	1	1		1				
19	3	172168-81270	SEAL, DUST	2	2		2				
20	2	172421-72730	ROD COMP.,BLADE	1	1		1				
21	3	172168-72240	BUSH 38X50X40	1	1		1				
22	3	172168-81270	SEAL, DUST	2	2		2				
23	3	23871-005000	PLUG, R005	1	1		1				
24	2	172421-72770	PISTON 70 30	1	1		1				
25	1	172422-72790	COVER, BLADE	1	1		1				
25-1	1	172422-72791	COVER, BLADE	1	1		1				N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
25-2	1	172A23-72800-1	COVER ASSY, BLADE	1	1		1				N
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ)											
26	1	26013-100202	BOLT, M10X 20	2	2		2				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-72800	CYLINDER ASSY, HITCH	1	1		1				
2	2	172156-72400	NUT	1	1		1				
3	2	172956-72810	TUBE, HITCH	1	1		1				
5	3	172956-72880	BUSH (25-33-14.5	2	2		2				
6	2	172956-72830	ROD ASSY, HITCH	1	1		1				
7	3	172155-81260	BUSH 20X26X30		1						
7-1	3	172156-84440 (B=M/#20501)	BUSH 25X 35	1	1		1				N
8	2	172956-72860	HEAD ASSY 45 25	1	1		1				
10	3	172956-72880	BUSH (25-33-14.5		1						
10-1	3	24550-025150 (B=M/#20501)	BUSH, 25X15	1	1		1				N
11	2	172956-72890	PISTON 45 25	1	1		1				
12	2	172956-72900	SEAL SET, HEAD 45 25	1	1		1				
17	2	172956-72910	SEAL SET, PISTON	1	1		1				
20	2	172958-72950	O-RING	1	1		1				
21	2	172958-72960	O-RING	1	1		1				
22	2	172956-72980	VALVE		1						
22-1	2	172958-72981 (B=M/#20501)	CHECK VALVE(GREEN:97		1						N
22-2	2	172958-72982 (B=M/#21915)	CHECK VALVE(GREEN:97	1	1		1				N
23	2	23871-005000	PLUG, R005	2	2		2				
24	2	24761-050000	NIPPLE, GREASE C		1						
24-1	2	24761-020000 (B=M/#20501)	NIPPLE, GREASE PT1/8	1	1		1				N
25	2	26450-060352	BOLT, M6X 35	4	4		4				

Fig.71. TRAVEL MOTOR

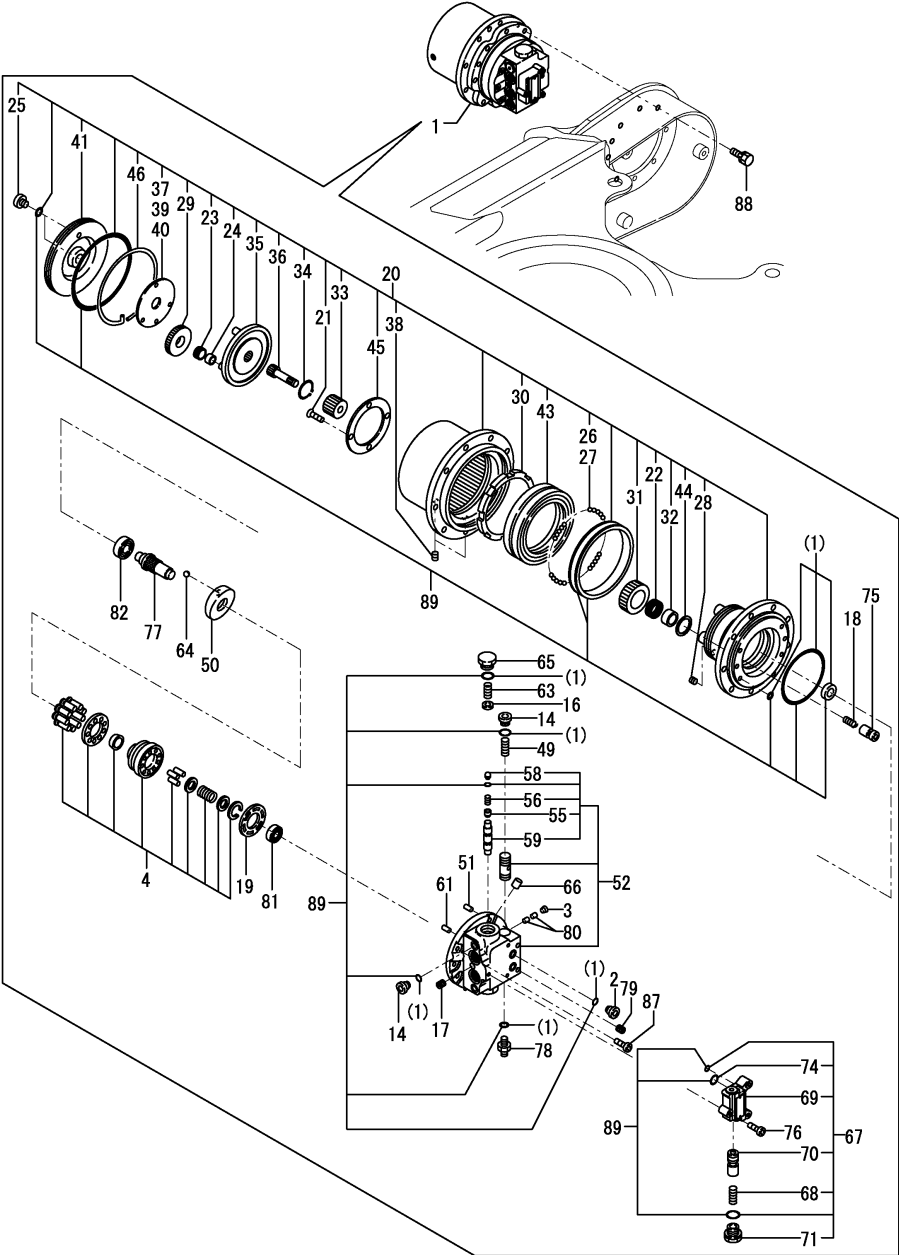
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-73300	MOTOR ASSY,TRAVEL	2	2		2				
2	2	1A6240-37360	PLUG	4	4		4				
3	2	172147-70220	PLUG	4	4		4				
4	2	172450-73620	CYLINDER BLOCK KIT	2	2		2				
14	2	172148-70301	PLUG	6	6		6				
16	2	172141-70450	SEAT, SPRING	4	4		4				
17	2	172162-70780	PLUG	2	2		2				
18	2	172168-71950	SPRING	4	4		4				
19	2	172638-73330	PLATE	2	2		2				
20	2	172456-73340	GEAR, REDUCTION	2	2		2				
21	3	172141-70110	SCREW	8	8		8				
22	3	172147-70120	GAUGE ASSY	8	8		8				
23	3	172141-70150	GAUGE, W/ROLLER	6	6		6				
24	3	172141-70160	RACE, INNER	6	6		6				
25	3	172148-70301	PLUG	4	4		4				
26	3	172122-70350	BALL	198	198		198				
27	3	172122-70350	BALL	20	20		20				
28	3	172450-73330	PLUG	4	4		4				
29	3	172421-73350	GEAR, PLANETARY	6	6		6				
30	3	172456-73350	NUT, RING	2	2		2				
31	3	172456-73360	GEAR, PLANETARY	8	8		8				
32	3	172456-73370	INNER RACE	8	8		8				
33	3	172456-73380	GEAR, SUN	2	2		2				
34	3	172456-73390	SNAP RING	2	2		2				
35	3	172456-73400	HOLDER	2	2		2				
36	3	172456-73410	GEAR, DRIVE	2	2		2				
37	3	172456-73420	THRUST PLATE	2	2		2				
38	3	172122-73430	PLUG	4	4		4				
39	3	172456-73430	THRUST PLATE	2	2		2				
40	3	172456-73440	THRUST PLATE	2	2		2				
41	3	172456-73450	COVER	2	2		2				
43	3	172183-73520	BEARING	2	2		2				
44	3	172183-73560	WASHER, THRUST	8	8		8				
45	3	172183-73570	PLATE, THRUST	2	2		2				
46	3	172183-73660	WIRE	2	2		2				
49	2	172421-73400	SPRING	2	2		2				
50	2	172456-73460	PLATE	2	2		2				
51	2	172122-73470	PIN	2	2		2				
52	2	172456-73330	BASE PLATE ASSY	2	2		2				
55	4	172141-70410	VALVE, CHECK	4	4		4				
56	4	172141-70420	SPRING	4	4		4				
58	4	172421-73380	PLUG	4	4		4				
59	4	172456-73490	SPOOL	2	2		2				
61	2	172122-73480	PIN	4	4		4				
63	2	172456-73500	SPRING	4	4		4				
64	2	172450-73510	BALL,STEEL	4	4		4				
65	2	172456-73510	CAP	4	4		4				
66	2	172456-73520	ORIFICE	4	4		4				
67	2	172456-73540	VALVE ASSY	2	2		2				
68	3	172148-71580	SPRING	4	4		4				
69	3	172456-73550	BODY, VALVE	2	2		2				

Remarks
(M)MISPRINT.

Fig.71. TRAVEL MOTOR



OCK10-M37602 Fig.71

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
70	3	172456-73560	CHECK VALVE	4	4		4				
74	3	24315-000120	O-RING, 1BP12.0	2	2		2				
75	2	172450-73550	PISTON ASSY	4	4		4				
76	2	172456-73570	BOLT, SOCKET HEAD	6	6		6				
77	2	172183-73670	SHAFT	2	2		2				
78	2	172183-73780	PLUG	2	2		2				
79	2	172183-73870	PLUG	4	4		4				
80	2	172312-74790	ORIFICE	8	8		8				
81	2	24101-060024	BEARING, BALL 6002	2	2		2				
82	2	24101-060044	BEARING, BALL 6004	2	2		2				
87	2	26450-080202	BOLT, M8X 20	12	12		12				
88	1	172456-73050	KIT, TRAVEL MOTOR			2					M
88-1	1	26013-100252	BOLT, M10X 25	16	16		16				
89	1	172456-73320	SEAL SET	2	2		2				

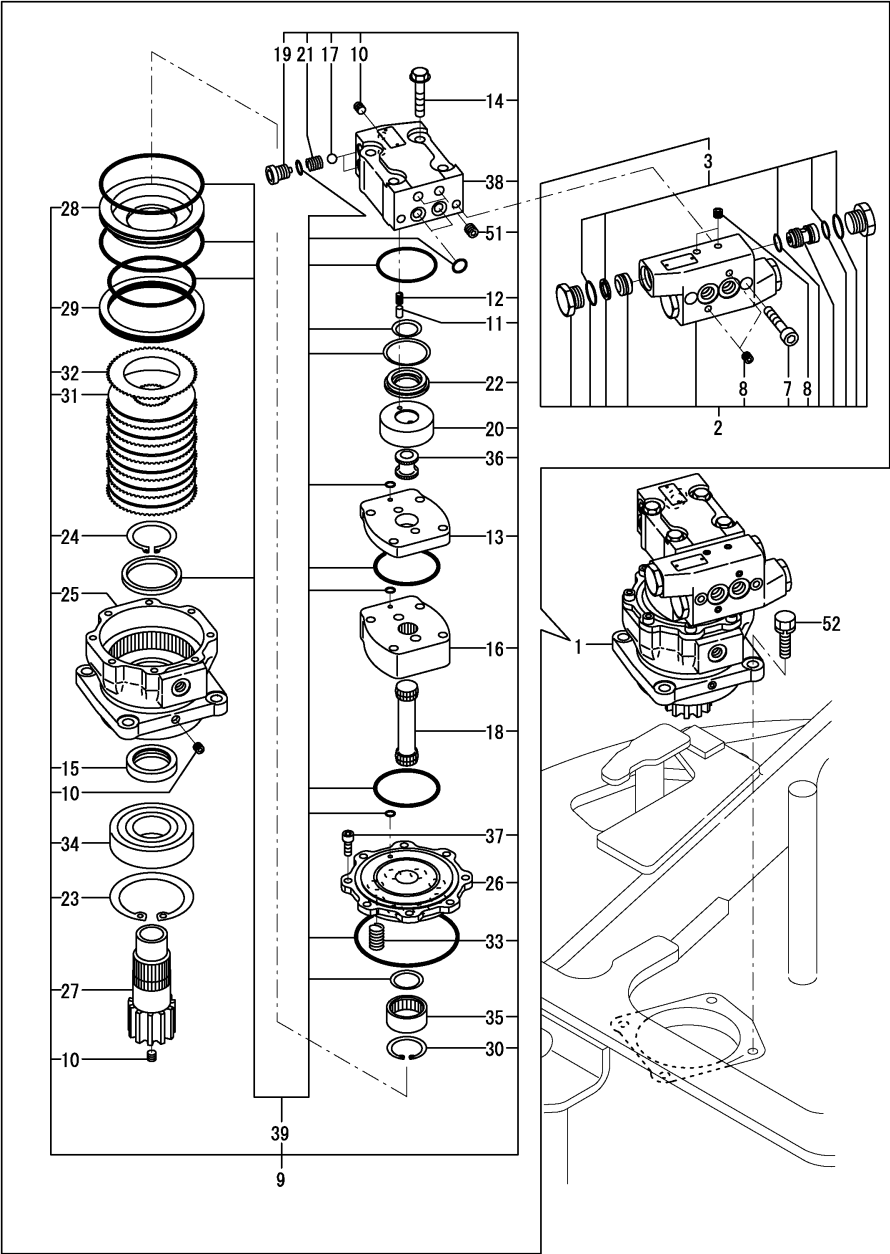
Remarks
(M)MISPRINT.

Fig.72. TURNING MOTOR

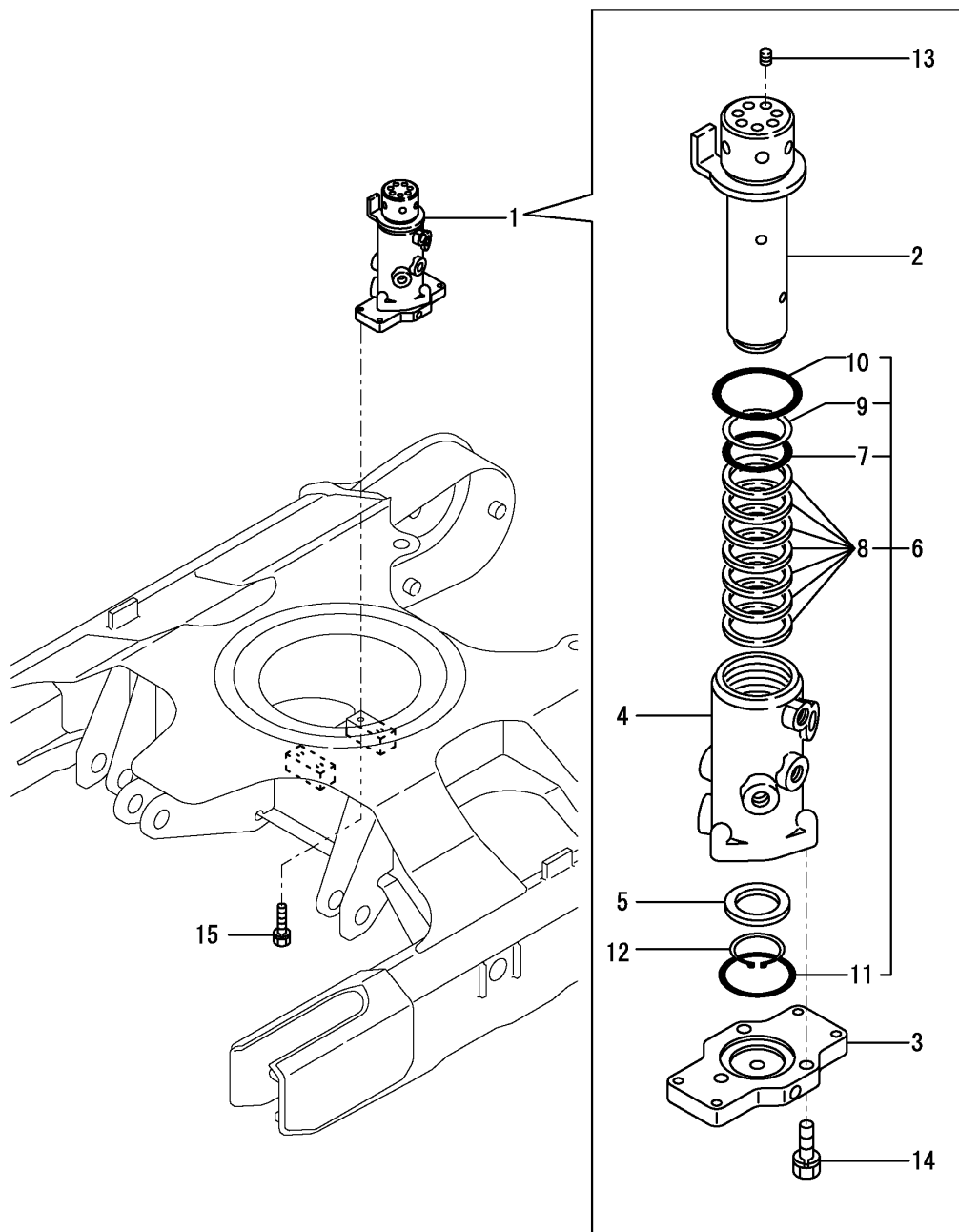
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-73310	MOTOR,SWING	1	1		1				
2	2	172456-77100	VALVE	1	1		1				
3	3	172456-77110	SEAL SET, VALVE	1	1		1				
7	3	172456-77130	BOLT 6*65	2	2		2				
8	3	23871-010000	PLUG, R01	6	6		6				
9	2	172456-77140	MOTOR,SWING	1	1		1				
10	3	172137-70490	PLUG	4	4		4				
11	3	172137-70570	PIN	2	2		2				
12	3	172137-70580	SPRING	2	2		2				
13	3	172148-73350	PLATE, VALVE	1	1		1				
14	3	172173-73510	BOLT 12X40	4	4		4				
15	3	172173-73520	COLLAR	1	1		1				
16	3	172173-73570	GEROLLER	1	1		1				
17	3	172168-73580	BALL	2	2		2				
18	3	172173-73580	DRIVE	1	1		1				
19	3	172168-73590	PLUG	2	2		2				
20	3	172173-73590	HOLDER	1	1		1				
21	3	172168-73600	SPRING	2	2		2				
22	3	172173-73600	PLANETARY, GEAR A	1	1		1				
23	3	172173-73690	SNAP RING	1	1		1				
24	3	172173-73700	CIRCLIP	1	1		1				
25	3	172456-77150	HOUSING, BEARING	1	1		1				
26	3	172456-77160	FLANGE, MOUTING	1	1		1				
27	3	172456-77170	GEAR, PINION	1	1		1				
28	3	172456-77180	PISTON, HYDRAULIC	1	1		1				
29	3	172456-77190	RING	1	1		1				
30	3	172456-77200	CIRCLIP	1	1		1				
31	3	172456-77210	PLATE,FRICITION	6	6		6				
32	3	172456-77220	PLATE	7	7		7				
33	3	172456-77230	SPRING	8	8		8				
34	3	172456-77240	FRONT BEARING	1	1		1				
35	3	172456-77250	NEEDLE BEARING	1	1		1				
36	3	172141-77260	DRIVE, VALVE	1	1		1				
37	3	172456-77270	BOLT 6*65	8	8		8				
38	3	172456-77280	HOUSING, VALVE	1	1		1				
39	3	172456-77290	SEAL SET	1	1		1				
51	3	172141-77400	PLUG, BLIND	2	2		2				
52	1	172456-77050	KIT,TURNING MOTOR		1						M
52-1	1	26013-120402	BOLT, M12X 40	4	4		4				



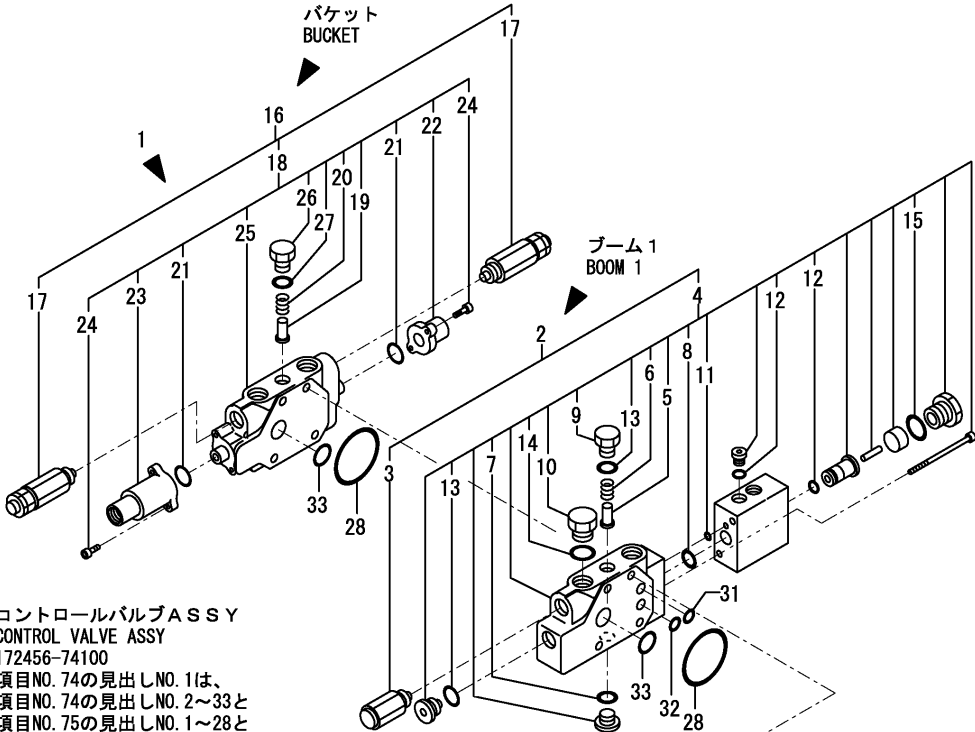
Remarks
(M)MISPRINT.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73802	JOINT ASSY, SWIVEL	1	1		1				
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1		1				
3	2	172444-73840	FLANGE, SWIVEL	1	1		1				
4	2	172444-73831	HUB, SWIVEL	1	1		1				
5	2	172137-73860	SPACER, SWIVEL	1	1		1				
6	2	172444-73880	SEAL SET, SWIVEL	1	1		1				
7	3	172142-73800	O-RING	1	1		1				
8	3	172458-73820	SEAL, SWIVEL	7	7		7				
9	3	172148-73870	RING EL, BACK UP	1	1		1				
10	3	24311-000750	O-RING, 1AP75.0	1	1		1				
11	3	24321-000700	O-RING, 1AG70.0	1	1		1				
12	2	22242-000451	RING, 45	1	1		1				
13	2	23871-020000	PLUG, R02	7	7		7				
14	2	26013-100352	BOLT, M10X 35	3	3		3				
15	1	26013-100402	BOLT, M10X 40	4	4		4				

Fig.74. CONTROL VALVE(BUCKET & BOOM 1)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



コントロールバルブ ASSY
CONTROL VALVE ASSY
172456-74100

項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

Fig. 74 Ref. No. 1

INC. Fig. 74 Ref. No. 2～33.

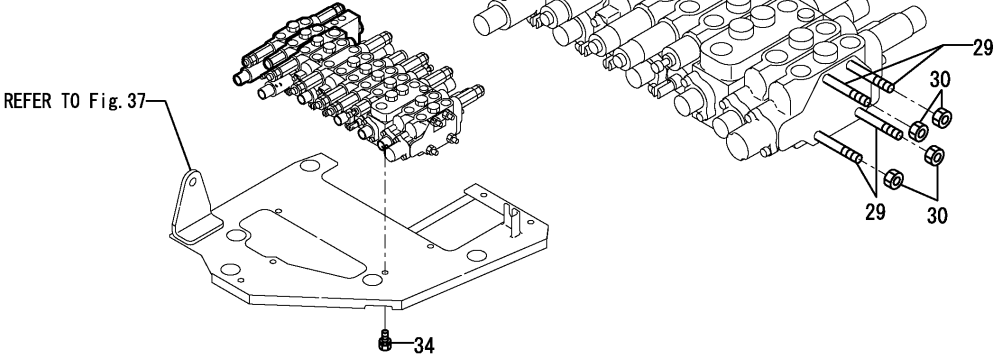
Fig. 75 Ref. No. 1～28.

Fig. 76 Ref. No. 1～25.

Fig. 77 Ref. No. 1～30.

Fig. 78 Ref. No. 1～34.

Fig. 79 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-74100	VALVE ASSY, CONTROL	1	1		1				
2	2	172456-74380	SECTION, BOOM LOCK	1	1		1				
3	3	172447-74230	ANTI-CAVITATION	1	1		1				
4	3	172456-74260	BOOM LOCK ASSY	1	1		1				
5	4	172458-74290	VALVE, REVERSE	1	1		1				
6	4	172458-74360	SPRING, VALVE	1	1		1				
7	4	172456-74410	O-RING, 1B S 16.0	1	1		1				
8	4	172456-74420	O-RING, AS 1B17.0	1	1		1				
9	4	172458-74640	STAY, VALVE	1	1		1				
10	4	172458-74650	STAY, VALVE	1	1		1				
11	4	24311-000060	O-RING, 1AP6.0	1	1		1				
12	4	24315-000080	O-RING, 1BP8.0	2	2		2				
13	4	24315-000110	O-RING, 1BP11.0	2	2		2				
14	4	24315-000140	O-RING, 1BP14.0	1	1		1				
15	4	24315-000180	O-RING, 1BP18.0	1	1		1				
16	2	172456-74390	SECTION, BUCKET	1	1		1				
17	3	172456-74280	VALVE ASSY, RELIEF 2	2	2		2				
18	3	172458-74610	SECTION ASSY, BUCKET	1	1		1				
19	4	172458-74150	VALVE, REVERSE	1	1		1				
20	4	172458-74160	SPRING, VALVE	1	1		1				
21	4	172458-74230	O-RING	2	2		2				
22	4	172458-74240	COVER, PILOT	1	1		1				
23	4	172458-74250	COVER, PILOT	1	1		1				
24	4	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
25	4	172458-74620	SPOOL ASSY, BUCKET	1	1		1				
26	4	172458-74630	STAY, VALVE	1	1		1				
27	4	24315-000110	O-RING, 1BP11.0	1	1		1				
28	2	172458-74720	O-RING	2	2		2				
29	2	172458-74730	BOLT L380	4	4		4				
30	2	26716-080002	NUT, M8	4	4		4				
31	2	24315-000090	O-RING, 1BP9.0	1	1		1				
32	2	24315-000100	O-RING, 1BP10.0	1	1		1				
33	2	24311-000180	O-RING, 1AP18.0	2	2		2				
34	1	26013-100162	BOLT, M10X 16	3	3		3				

Fig.75. CONTROL VALVE(BOOM 2 & TRAVEL:RIGHT)

(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74190	SECTION ASSY, TRAVEL	1	1		1				
2	3	172458-74130	DUST WIPER	1	1		1				
3	3	172458-74140	RETAINER, SEAL	1	1		1				
4	3	172458-74170	CAP, SPRING	1	1		1				
5	3	172456-74230	SPOOL ASSY, TRAVEL	1	1		1				
6	3	172458-74290	VALVE, REVERSE	1	1		1				
7	3	172458-74360	SPRING, VALVE	1	1		1				
8	3	172458-74460	PLUG GPM1/32	2	2		2				
9	3	172458-74640	STAY, VALVE	1	1		1				
10	3	24311-000120	O-RING, 1AP12.0	1	1		1				
11	3	24315-000110	O-RING, 1BP11.0	1	1		1				
12	3	26450-050102	BOLT, M5X 10	2	2		2				
13	3	26450-050182	BOLT, M5X 18	2	2		2				
14	2	172456-74370	SECTION, BOOM	1	1		1				
15	3	172456-74240	SECTION ASSY, BOOM	1	1		1				
16	4	172458-74150	VALVE, REVERSE	1	1		1				
17	4	172458-74160	SPRING, VALVE	1	1		1				
18	4	172458-74230	O-RING	2	2		2				
19	4	172458-74240	COVER, PILOT	1	1		1				
20	4	172456-74250	SPOOL ASSY, BOOM	1	1		1				
21	4	172458-74250	COVER, PILOT	1	1		1				
22	4	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
23	4	172458-74630	STAY, VALVE	1	1		1				
24	4	24315-000110	O-RING, 1BP11.0	1	1		1				
25	3	172456-74280	VALVE ASSY, RELIEF 2	1	1		1				
26	2	172458-74720	O-RING	2	2		2				
27	2	24311-000180	O-RING, 1AP18.0	1	1		1				
28	2	24311-000060	O-RING, 1AP6.0	2	2		2				

コントロールバルブASSY
CONTROL VALVE ASSY
172456-74100

項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

Fig. 74 Ref. No. 1

INC. Fig. 74 Ref. No. 2～33.

Fig. 75 Ref. No. 1～28.

Fig. 76 Ref. No. 1～25.

Fig. 77 Ref. No. 1～30.

Fig. 78 Ref. No. 1～34.

Fig. 79 Ref. No. 1～25.

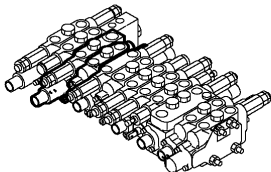
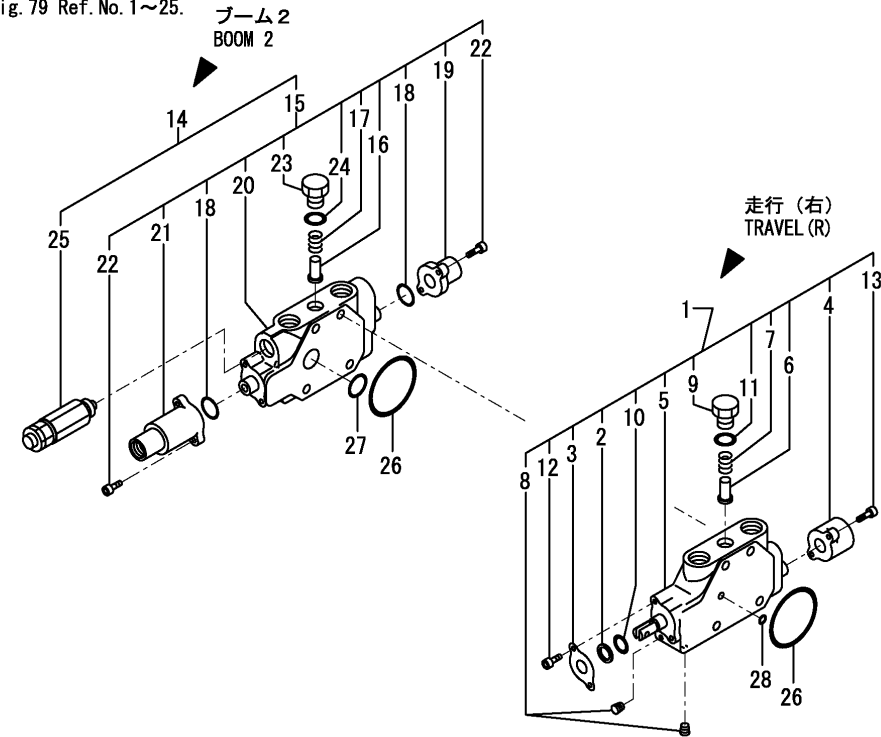
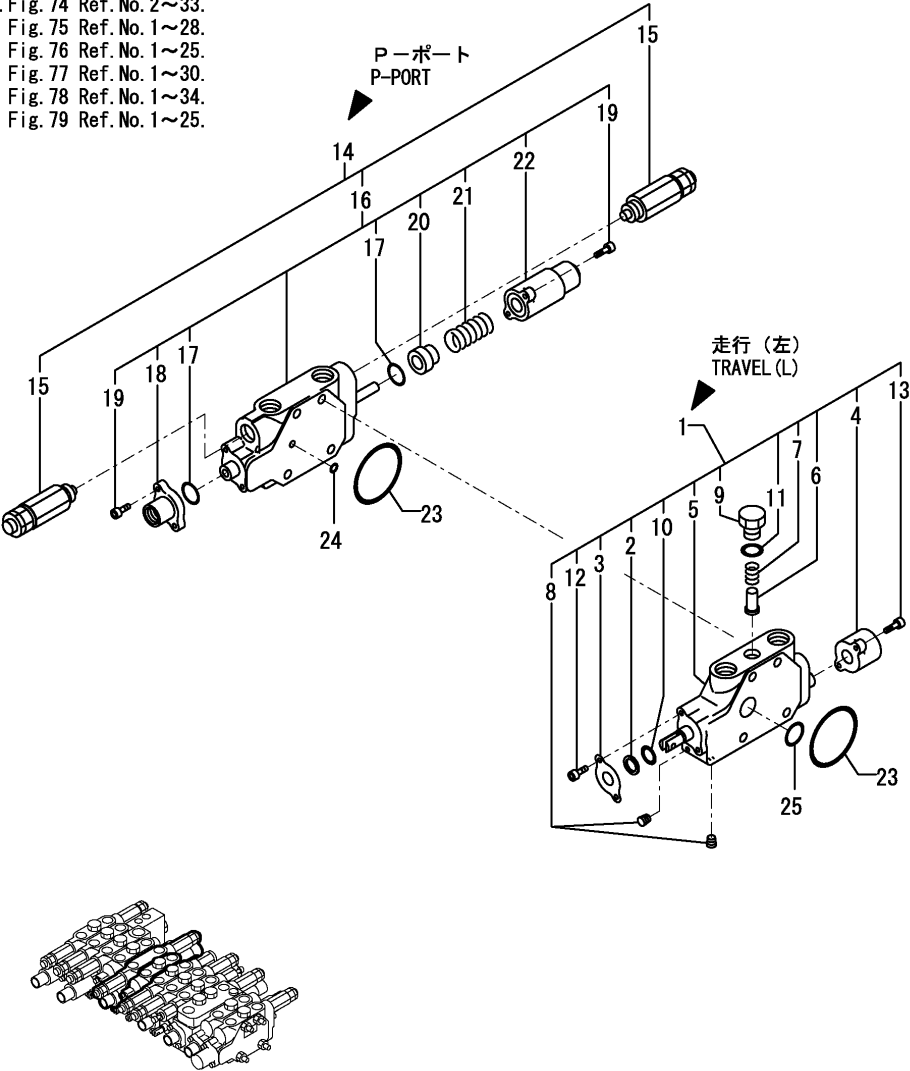


Fig.76. CONTROL VALVE(P PORT & TRAVEL:LEFT)

(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

コントロールバルブASSY
CONTROL VALVE ASSY
172456-74100
項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

Fig. 74 Ref. No. 1
INC. Fig. 74 Ref. No. 2～33.
Fig. 75 Ref. No. 1～28.
Fig. 76 Ref. No. 1～25.
Fig. 77 Ref. No. 1～30.
Fig. 78 Ref. No. 1～34.
Fig. 79 Ref. No. 1～25.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74170	SECTION ASSY, TRAVEL	1	1		1				
2	3	172458-74130	DUST WIPER	1	1		1				
3	3	172458-74140	RETAINER, SEAL	1	1		1				
4	3	172458-74170	CAP, SPRING	1	1		1				
5	3	172456-74180	SPOOL ASSY, TRAVEL	1	1		1				
6	3	172458-74290	VALVE, REVERSE	1	1		1				
7	3	172458-74360	SPRING, VALVE	1	1		1				
8	3	172458-74460	PLUG GPM1/32	2	2		2				
9	3	172458-74640	STAY, VALVE	1	1		1				
10	3	24311-000120	O-RING, 1AP12.0	1	1		1				
11	3	24315-000110	O-RING, 1BP11.0	1	1		1				
12	3	26450-050102	BOLT, M5X 10	2	2		2				
13	3	26450-050182	BOLT, M5X 18	2	2		2				
14	2	172456-74350	VALVE, CNTROL INLLET	1	1		1				
15	3	172456-74400	VALVE, RELIEF 210/20	2	2		2				
16	3	172458-74520	SECTION ASSY	1	1		1				
17	4	172458-74230	O-RING	2	2		2				
18	4	172458-74240	COVER, PILOT	1	1		1				
19	4	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
20	4	172458-74530	SEAT, SPRING	1	1		1				
21	4	172458-74540	SPRING, RETURN	1	1		1				
22	4	172458-74550	COVER, PILOT	1	1		1				
23	2	172458-74720	O-RING	2	2		2				
24	2	24311-000060	O-RING, 1AP6.0	2	2		2				
25	2	24311-000180	O-RING, 1AP18.0	1	1		1				

Fig.77. CONTROL VALVE(SWING & ARM)

(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

コントロールバルブASSY
CONTROL VALVE ASSY

172456-74100
項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

Fig. 74 Ref. No. 1

INC. Fig. 74 Ref. No. 2～33.

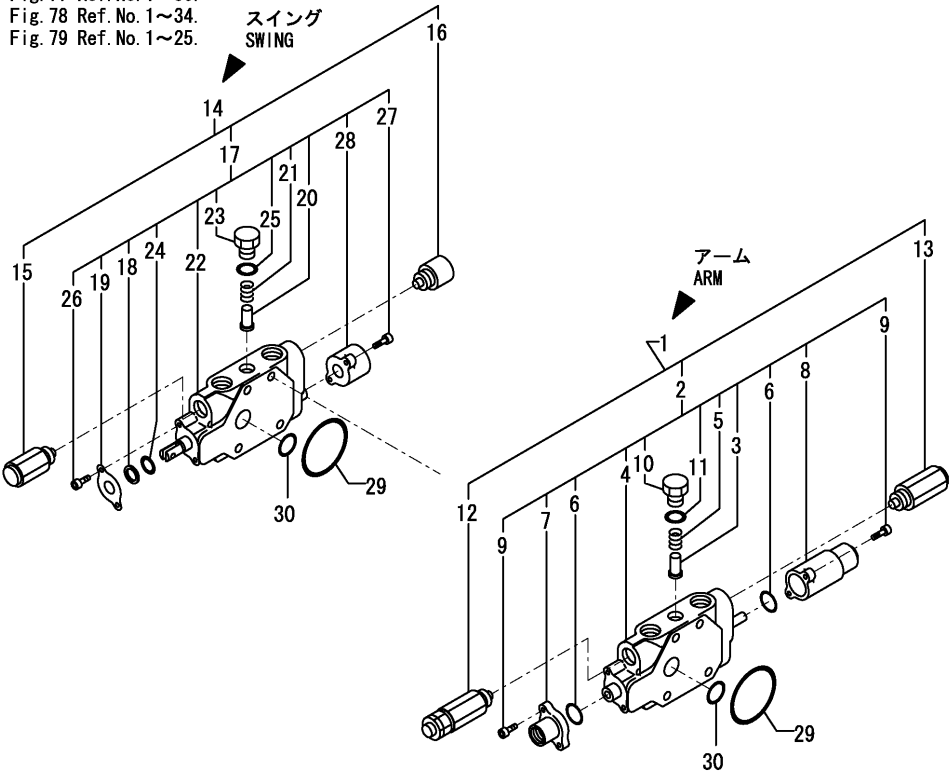
Fig. 75 Ref. No. 1～28.

Fig. 76 Ref. No. 1～25.

Fig. 77 Ref. No. 1～30.

Fig. 78 Ref. No. 1～34.

Fig. 79 Ref. No. 1～25.

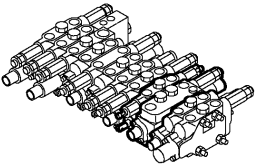
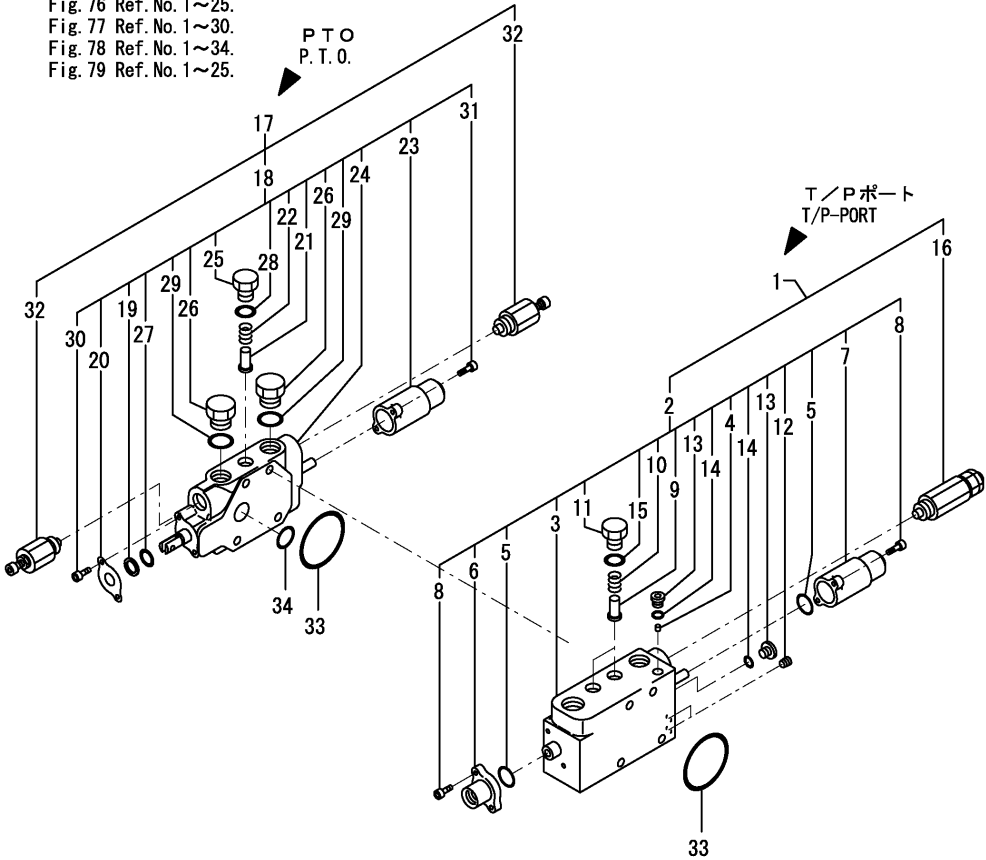


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74320	SECTION, ARM	1	1		1				
2	3	172456-74150	SECTION ASSY, ARM	1	1		1				
3	4	172458-74150	VALVE, REVERSE	1	1		1				
4	4	172456-74160	SPOOL ASSY, ARM	1	1		1				
5	4	172458-74160	SPRING, VALVE	1	1		1				
6	4	172458-74230	O-RING	2	2		2				
7	4	172458-74240	COVER, PILOT	1	1		1				
8	4	172458-74250	COVER, PILOT	1	1		1				
9	4	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
10	4	172458-74630	STAY, VALVE	1	1		1				
11	4	24315-000110	O-RING, 1BP11.0	1	1		1				
12	3	172447-74221	PORT RELIFE VALVE	1	1		1				
13	3	172447-74230	ANTI-CAVITATION	1	1		1				
14	2	172456-74330	SECTION, SWING	1	1		1				
15	3	172447-74230	ANTI-CAVITATION	1	1		1				
16	3	172456-74290	RELIEF VALVE PLUG	1	1		1				
17	3	172458-74420	SECTION ASSY, SWING	1	1		1				
18	4	172458-74130	DUST WIPER	1	1		1				
19	4	172458-74140	RETAINER, SEAL	1	1		1				
20	4	172458-74150	VALVE, REVERSE	1	1		1				
21	4	172458-74160	SPRING, VALVE	1	1		1				
22	4	172458-74430	SPOOL ASSY, SWING	1	1		1				
23	4	172458-74630	STAY, VALVE	1	1		1				
24	4	24311-000120	O-RING, 1AP12.0	1	1		1				
25	4	24315-000110	O-RING, 1BP11.0	1	1		1				
26	4	26450-050102	BOLT, M5X 10	2	2		2				
27	4	26450-050182	BOLT, M5X 18	2	2		2				
28	4	172458-74170	CAP, SPRING	1	1		1				
29	2	172458-74720	O-RING	2	2		2				
30	2	24311-000180	O-RING, 1AP18.0	3	3		3				

Fig.78. CONTROL VALVE(P.T.O. & T/P PORT)

コントロールバルブアッシー
CONTROL VALVE ASSY
172456-74100
項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

Fig. 74 Ref. No. 1
INC. Fig. 74 Ref. No. 2～33.
Fig. 75 Ref. No. 1～28.
Fig. 76 Ref. No. 1～25.
Fig. 77 Ref. No. 1～30.
Fig. 78 Ref. No. 1～34.
Fig. 79 Ref. No. 1～25.

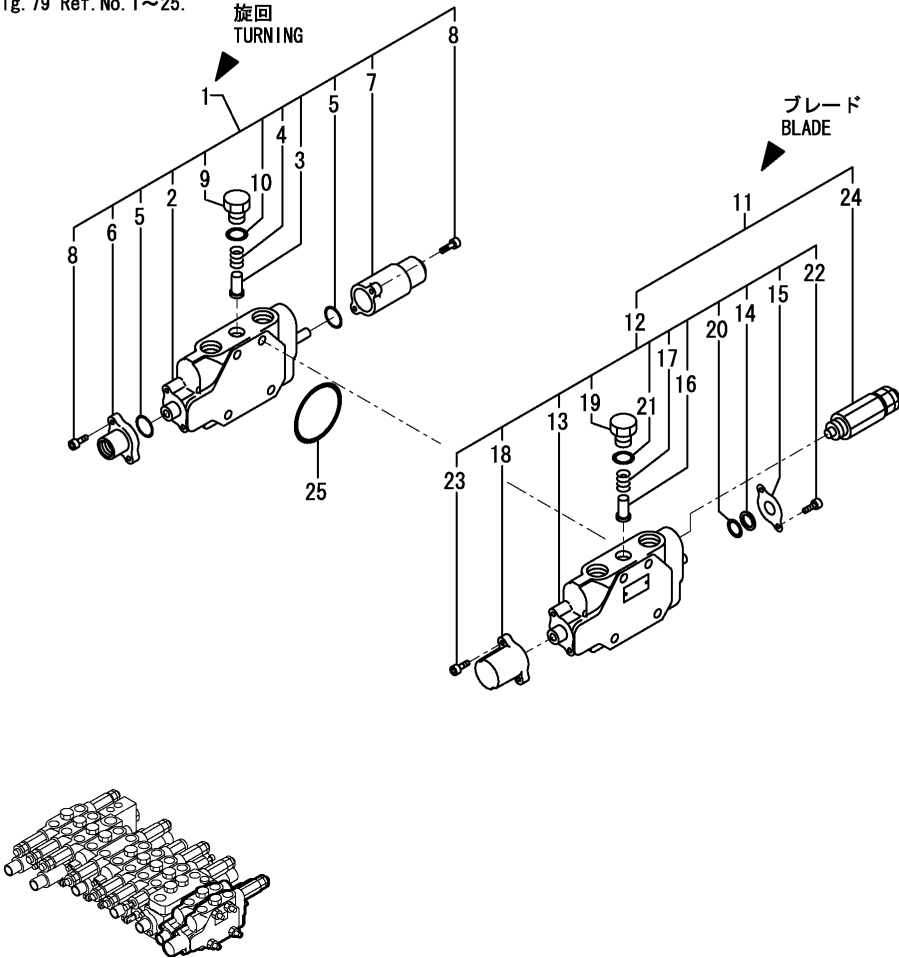


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74310	SECTION, CONFLUENE	1	1		1				
2	3	172456-74130	SECTION ASSY	1	1		1				
3	4	172456-74140	SPOOL ASSY	1	1		1				
4	4	172457-74190	LIMITTER, M6 0.9	1	1		1				
5	4	172458-74230	O-RING	2	2		2				
6	4	172458-74240	COVER, PILOT	1	1		1				
7	4	172458-74250	COVER, PILOT	1	1		1				
8	4	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
9	4	172458-74290	VALVE, REVERSE	2	2		2				
10	4	172458-74360	SPRING, VALVE	2	2		2				
11	4	172458-74640	STAY, VALVE	2	2		2				
12	4	172458-74660	PLUG NPT1/16,SCREW	2	2		2				
13	4	172458-74670	PLUG,PF1/8	2	2		2				
14	4	24315-000080	O-RING, 1BP8.0	2	2		2				
15	4	24315-000110	O-RING, 1BP11.0	2	2		2				
16	3	172456-74270	VALVE, RELIEF 170/20	1	1		1				
17	2	172458-74780	SECTION, PTO	1	1		1				
18	3	172458-74380	SECTION ASSY, PTO	1	1		1				
19	4	172458-74130	DUST WIPER	1	1		1				
20	4	172458-74140	RETAINER, SEAL	1	1		1				
21	4	172458-74150	VALVE, REVERSE	1	1		1				
22	4	172458-74160	SPRING, VALVE	1	1		1				
23	4	172458-74170	CAP, SPRING	1	1		1				
24	4	172458-74390	SPOOL ASSY, PTO	1	1		1				
25	4	172458-74630	STAY, VALVE	1	1		1				
26	4	172458-74650	STAY, VALVE	2	2		2				
27	4	24311-000120	O-RING, 1AP12.0	1	1		1				
28	4	24315-000110	O-RING, 1BP11.0	1	1		1				
29	4	24315-000140	O-RING, 1BP14.0	2	2		2				
30	4	26450-050102	BOLT, M5X 10	2	2		2				
31	4	26450-050182	BOLT, M5X 18	2	2		2				
32	3	172458-74740	SHUT OFF VALVE	2	2		2				
33	2	172458-74720	O-RING	2	2		2				
34	2	24311-000180	O-RING, 1AP18.0	1	1		1				

Fig.79. CONTROL VALVE(TURNING & BLADE)

コントロールバルブ A S S Y
CONTROL VALVE ASSY
172456-74100
項目NO. 74の見出しNO. 1は、
項目NO. 74の見出しNO. 2～33と
項目NO. 75の見出しNO. 1～28と
項目NO. 76の見出しNO. 1～25と
項目NO. 77の見出しNO. 1～30と
項目NO. 78の見出しNO. 1～34と
項目NO. 79の見出しNO. 1～25を含みます。

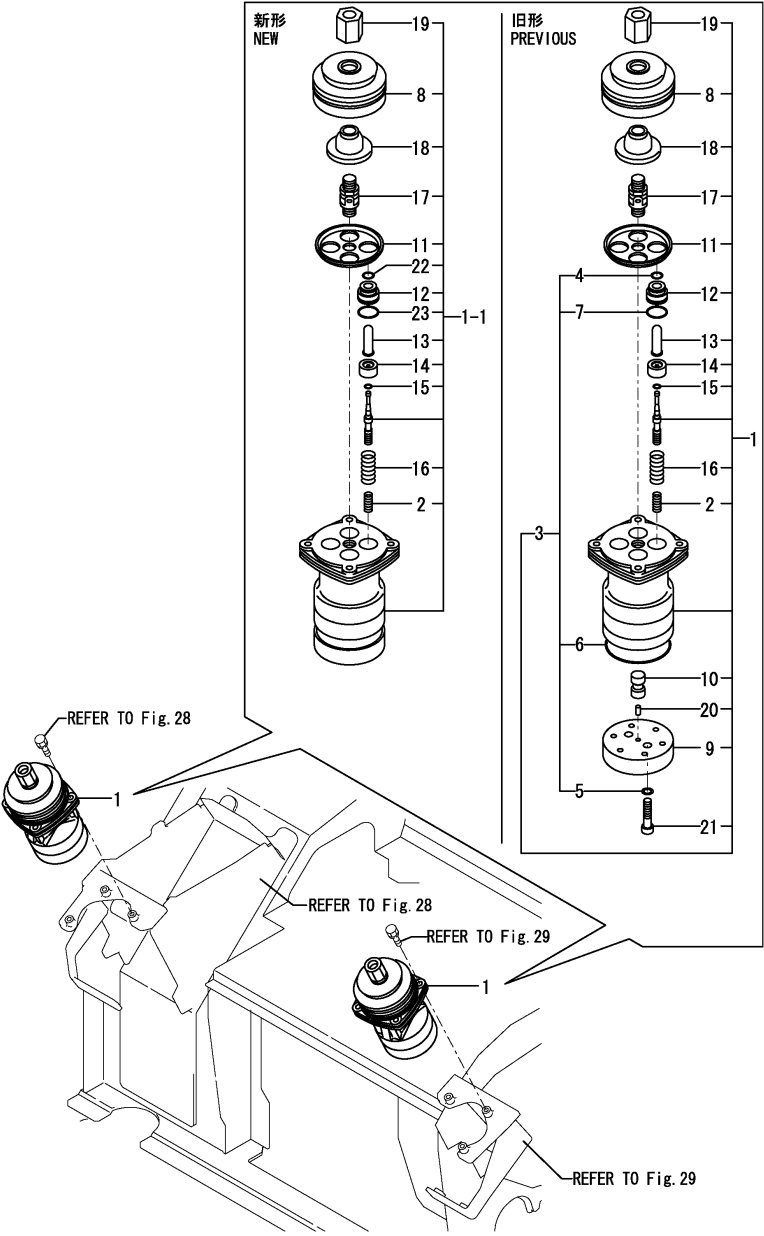
Fig. 74 Ref. No. 1
INC. Fig. 74 Ref. No. 2～33.
Fig. 75 Ref. No. 1～28.
Fig. 76 Ref. No. 1～25.
Fig. 77 Ref. No. 1～30.
Fig. 78 Ref. No. 1～34.
Fig. 79 Ref. No. 1～25.



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74110	SECTION ASSY	1	1		1				
2	3	172456-74120	SPOOL ASSY, SWING	1	1		1				
3	3	172458-74150	VALVE, REVERSE	1	1		1				
4	3	172458-74160	SPRING, VALVE	1	1		1				
5	3	172458-74230	O-RING	2	2		2				
6	3	172458-74240	COVER, PILOT	1	1		1				
7	3	172458-74250	COVER, PILOT	1	1		1				
8	3	172458-74260	SWP HEX.BOLT 5X20	4	4		4				
9	3	172458-74630	STAY, VALVE	1	1		1				
10	3	24315-000110	O-RING, 1BP11.0	1	1		1				
11	2	172458-74750	SECTION, BLADE	1	1		1				
12	3	172458-74110	SECTION ASSY, BLADE	1	1		1				
13	4	172458-74120	SPOOL ASSY, BLADE	1	1		1				
14	4	172458-74130	DUST WIPER	1	1		1				
15	4	172458-74140	RETAINER, SEAL	1	1		1				
16	4	172458-74150	VALVE, REVERSE	1	1		1				
17	4	172458-74160	SPRING, VALVE	1	1		1				
18	4	172458-74170	CAP, SPRING	1	1		1				
19	4	172458-74630	STAY, VALVE	1	1		1				
20	4	24311-000120	O-RING, 1AP12.0	1	1		1				
21	4	24315-000110	O-RING, 1BP11.0	1	1		1				
22	4	26450-050102	BOLT, M5X 10	2	2		2				
23	4	26450-050182	BOLT, M5X 18	2	2		2				
24	3	172458-74700	VALVE, RELIEF	1	1		1				
25	2	172458-74720	O-RING	1	1		1				

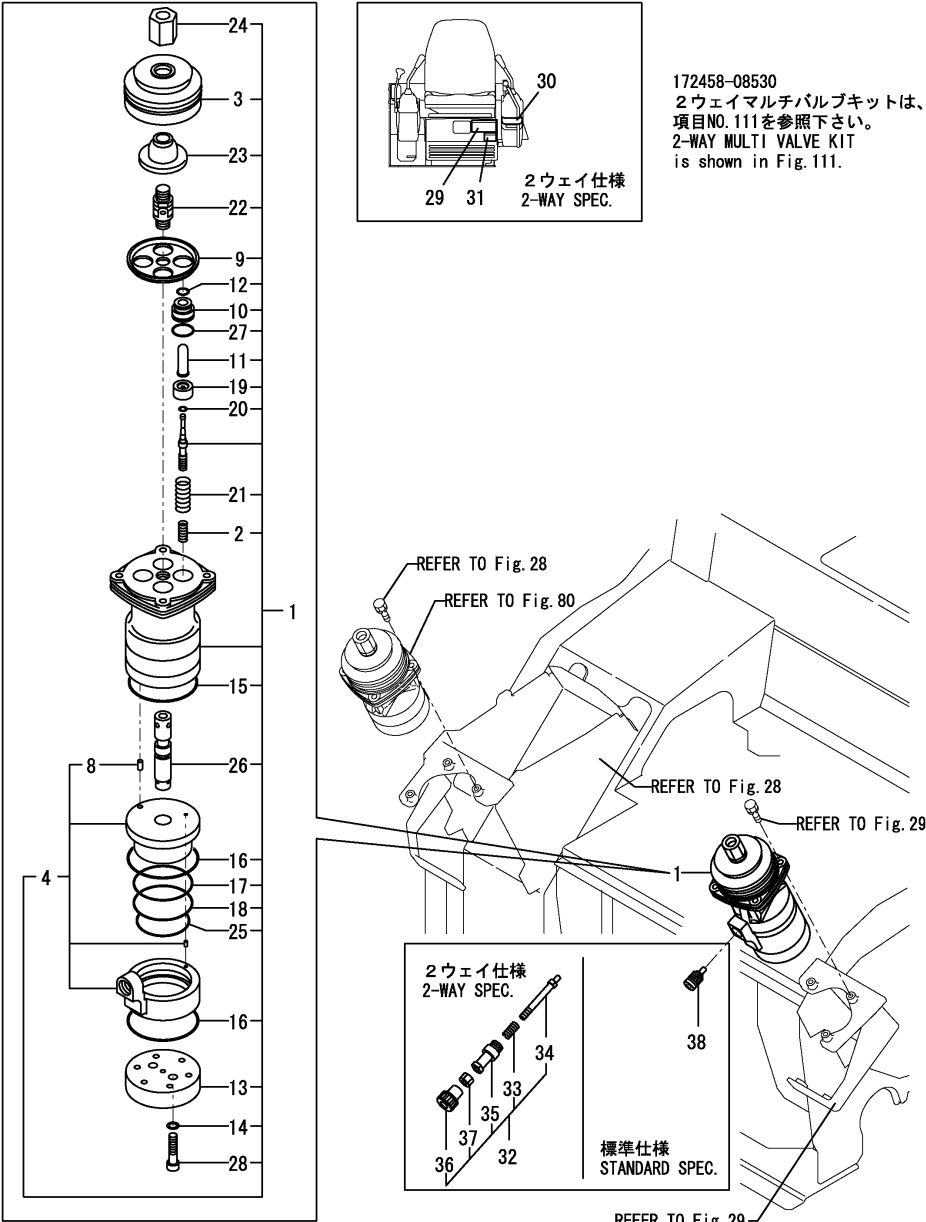
(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-74700	VALVE ASSY, REM-CON.		2						
1-1	1	172455-74701	VALVE ASSY, REMO.CON	2	2		2			R	1
		(B=M/#21808)									
2	2	172455-74240	SPRING	8	8		8				
3	2	172448-74710	SEAL SET		2					Z	
		(B=M/#21808)									
4	3	172448-74790	SEAL		8					Z	
		(B=M/#21808)									
5	3	172447-74820	SEAL WASHER		4					Z	
		(B=M/#21808)									
6	3	172448-74830	O-RING		2					Z	
		(B=M/#21808)									
7	3	24315-000200	O-RING, 1BP20.0		8					Z	
		(B=M/#21808)									
8	2	172455-74710	BELLOWS	2	2		2				
9	2	172448-74740	PLATE, RORT		2					Z	
		(B=M/#21808)									
10	2	172448-74750	BUSH		2					Z	
		(B=M/#21808)									
11	2	172448-74760	PLATE	2	2		2				
12	2	172448-74770	PLUG	8	8		8				
13	2	172448-74780	ROD Q,PUSH	8	8		8				
14	2	172448-74910	SEAT, SPRING	8	8		8				
15	2	172448-74920	WASHER	8	8		8				
16	2	172448-74930	SPRING	8	8		8				
17	2	172448-74950	JOINT	2	2		2				
18	2	172448-74960	PLATE, CIRCLE	2	2		2				
19	2	172448-74970	NUT, ADJUST	2	2		2				
20	2	22351-050010	PIN, SPRING 5.0X10		2					Z	
		(B=M/#21808)									
21	2	26450-080352	BOLT, M8X 35		4					Z	
		(B=M/#21808)									
22	2	172448-74790	SEAL	8	8		8			W	
		(B=M/#21808)									
23	2	24315-000200	O-RING, 1BP20.0	8	8		8			W	
		(B=M/#21808)									

Remarks
(1)NOT APPLIED FOR JP SPEC.
LEFT SIDE FROM M/#25501.

Fig.81. REMOTE CONTROL VALVE(2-WAY SPEC.)



172458-08530
2ウェイマルチバルブキットは、
項目NO. 111を参照下さい。
2-WAY MULTI VALVE KIT
is shown in Fig. 111.

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

REFER TO Fig. 29

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

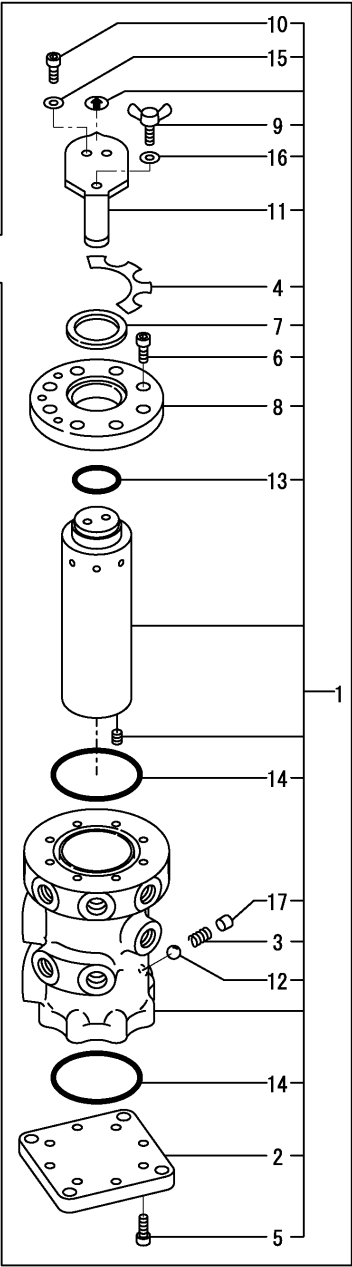
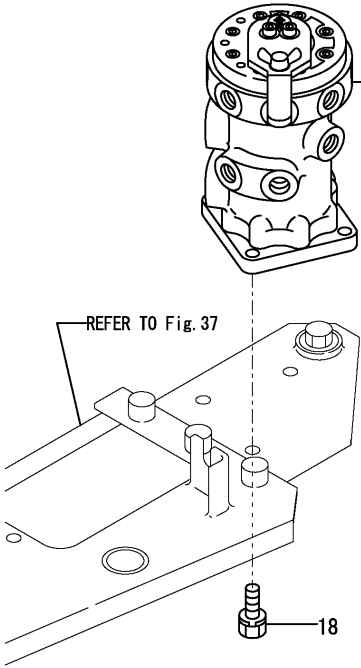
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-74500	REMO-CON.VALVE M2	1	1						
2	2	172455-74240	SPRING	4	4						
3	2	172455-74710	BELLOWS	1	1						
4	2	172448-74720	SLEEVE, SPOOL	1	1						
8	3	22351-050010	PIN, SPRING 5.0X10	1	1						
9	2	172448-74760	PLATE	1	1						
10	2	172448-74770	PLUG	4	4						
11	2	172448-74780	ROD Q,PUSH	4	4						
12	2	172448-74790	SEAL	4	4						
13	2	172448-74810	PLATE, PORT	1	1						
14	2	172448-74820	PACKING	2	2						
15	2	172448-74830	O-RING	1	1						
16	2	172448-74860	O-RING	2	2						
17	2	172448-74870	O-RING	1	1						
18	2	172448-74880	O-RING	1	1						
19	2	172448-74910	SEAT, SPRING	4	4						
20	2	172448-74920	WASHER	4	4						
21	2	172448-74930	SPRING	4	4						
22	2	172448-74950	JOINT	1	1						
23	2	172448-74960	PLATE, CIRCLE	1	1						
24	2	172448-74970	NUT, ADJUST	1	1						
25	2	172448-74980	O-RING	1	1						
26	2	172448-74990	DISTANZBUCHSE	1	1						
27	2	24315-000200	O-RING, 1BP20.0	4	4						
28	2	26450-080652	BOLT, M8X 65	2	2						
29	1	172458-03550	LABEL	1	1						1
30	1	172458-03560	LABEL	1	1						1
31	1	172458-03570	LABEL	1	1						1
32	1	172458-08540	LEVER ASS,2W	1	1						1
33	2	1C6141-35370	SPRING, LOCK	1	1						
34	2	172458-74470	SHAFT	1	1						
35	2	172458-74480	SLEEVE	1	1						
36	2	172458-74490	KNOB, LEVER	1	1						
37	2	26712-080002	NUT, M8	1	1						
38	1	172448-74730	PLUG	1	1						2

Remarks
(1)2-WAY MULTI VALVE KIT.
(2)STANDARD SPEC.

Fig.82. ROTARY VALVE(4-WAY SPEC.)

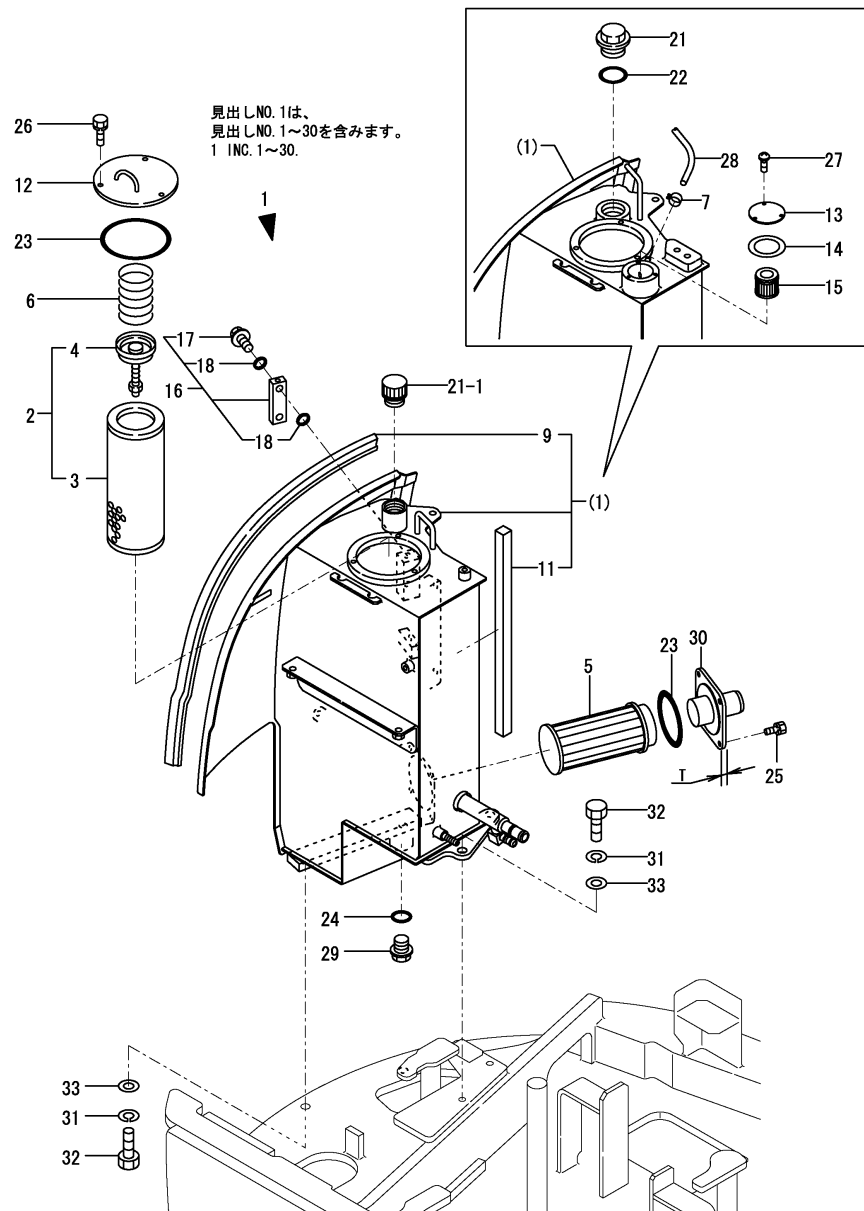
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

172456-08510
172A02-08510
4ウェイマルチバルブキットは、
項目NO. 110を参照下さい。
4-WAY MULTI VALVE KIT
is shown in Fig. 110.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-74601	VALVE	1	1						
2	2	182900-16530	COVER	1	1						
3	2	182900-22300	SPRING	1	1						
4	2	172151-74740	PLATE, MARK	1	1						
5	2	182900-77190	BOLT	8	8						
6	2	182900-77200	BOLT	8	8						
7	2	182900-77210	DUST SEAL	1	1						
8	2	182900-77220	COVER	1	1						
9	2	182900-77230	WING BOLT	1	1						
10	2	182900-77240	BOLT	2	2						
11	2	182900-77250	LEVER	1	1						
12	2	24190-100001	BALL, STEEL 5/16	1	1						
13	2	24311-000280	O-RING, 1AP28.0	1	1						
14	2	24321-000600	O-RING, 1AG60.0	2	2						
15	2	953KM0-00220	WASHER	2	2						
16	2	953KM0-00220	WASHER	1	1						
17	2	953KM0-10894	PLUG	1	1						
18	1	26013-100202	BOLT, M10X 20	3	3						
19	1	172444-03290	MAGNET	1	1						
20	1	172151-03551	LABEL	1	1						

Fig.83. HYD.OIL TANK



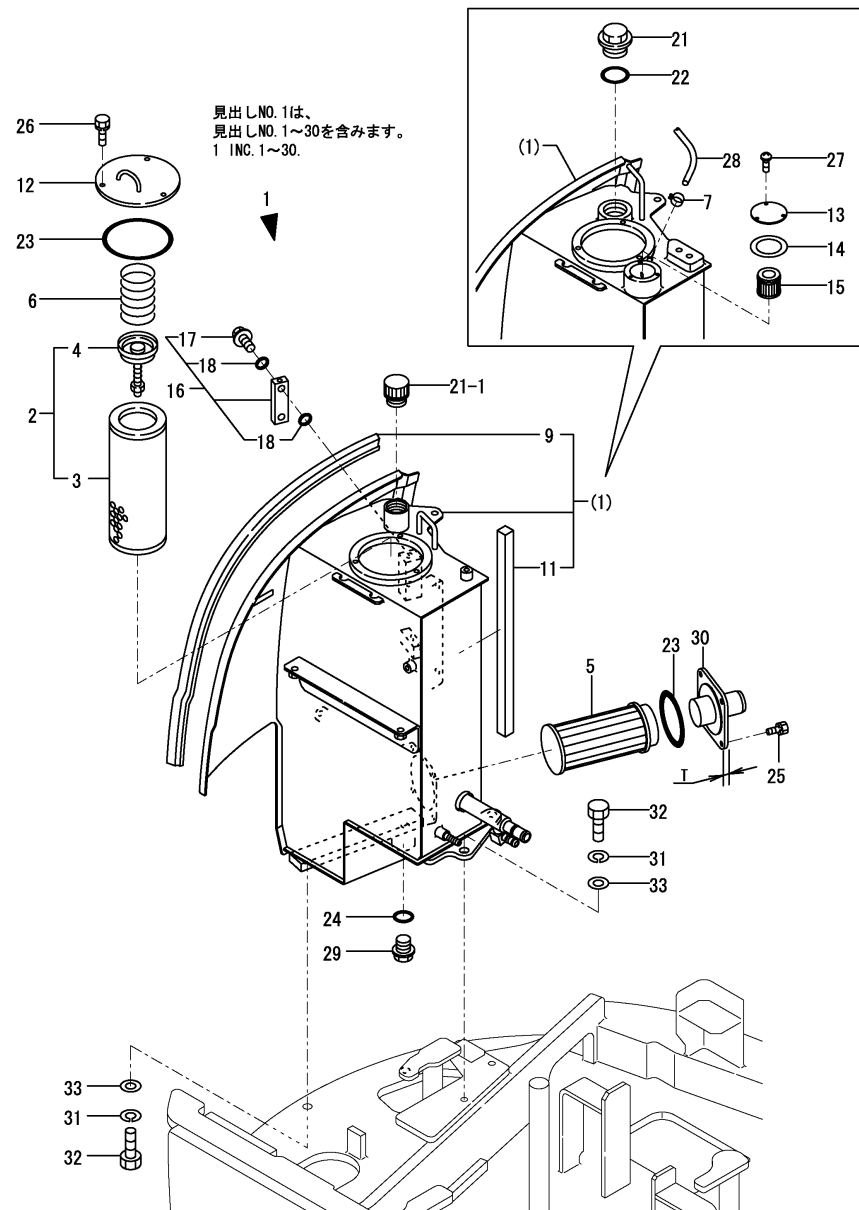
(1)T=REF.NO.30 6MM, NO.30-1 12MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.25-1.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-75090	TANK ASSY, RESERVOIR		1						
1-1	1	772456-75091 (B=M/#21764)	TANK ASSY, RESERVOIR		1						R
1-2	1	772456-75092-1 (B=M/#22514)	TANK ASSY, RESERVOIR	1	1		1				N
2	2	172175-73700	FILTER ASSY, RETURN	1	1		1				
3	3	172175-73710	ELEMENT, FILTER	1	1		1				
4	3	172141-73770	VALVE ASSY, BYPASS	1	1		1				
5	2	172146-73730	FILTER, SUCTION	1	1		1				
6	2	933152-02710	SPRING, CLUTCH	1	1		1				
7	2	124766-59050 (B=M/#21764)	CLIP, HOSE 12		1						Z
9	3	172455-65490 (B=M/#20501)	RUBBER, SEAL 1100		1						W
9-1	3	172168-65750 (B=M/#21697)	RUBBER, SEAL	1	1		1				R
11	3	172456-75390 (B=M/#21764)	SEAL, RADIATOR	1	1		1				W
12	2	172141-75430	COVER, INTAKE		1						
12-1	2	172141-75440 (B=M/#21764)	COVER, INTAKE		1						R
12-2	2	172460-75410 (B=M/#21697)	COVER, TANK	1	1		1				R
13	2	172165-75450 (B=M/#21764)	PLATE (YELLOW:87)		1						Z
14	2	172165-75460 (B=M/#21764)	GASKET		1						Z
15	2	172165-75481 (B=M/#21764)	ELEMENT		1						Z
16	2	172447-75600	GAUGE ASSY	1	1		1				
17	3	172455-75290	BOLT M10	2	2		2				
18	3	172455-75300	O-RING	4	4		4				
21	2	172116-75850	PLUG, OIL FEED		1						
21-1	2	172446-75250 (B=M/#21764)	CAP, RESERVER	1	1		1				S
22	2	24311-000380 (B=M/#21764)	O-RING, 1AP38.0		1						Z
23	2	24321-001050	O-RING, 1AG105.0	2	2		2				
24	2	24341-000300	O-RING, 1AS30.0	1	1		1				
25	2	26013-080162	BOLT, M8X 16	4	4		4				
25-1	2	26014-080252 (A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)	BOLT, M8X 25	4	4		4				S
26	2	26013-080202	BOLT, M8X 20	3	3		3				
27	2	26022-050102 (B=M/#21764)	SCREW, M5X10		3						Z
28	2	172455-75320 (B=M/#21764)	HOSE		1						Z
29	2	172455-75330	DRAIN PLIG 24	1	1		1				
30	2	172183-75410	FLANGE,SUCTION (ZN)	1	1		1				
30-1	2	172A46-75500 (A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)	FRANGE, SUCTION	1	1		1				F 1

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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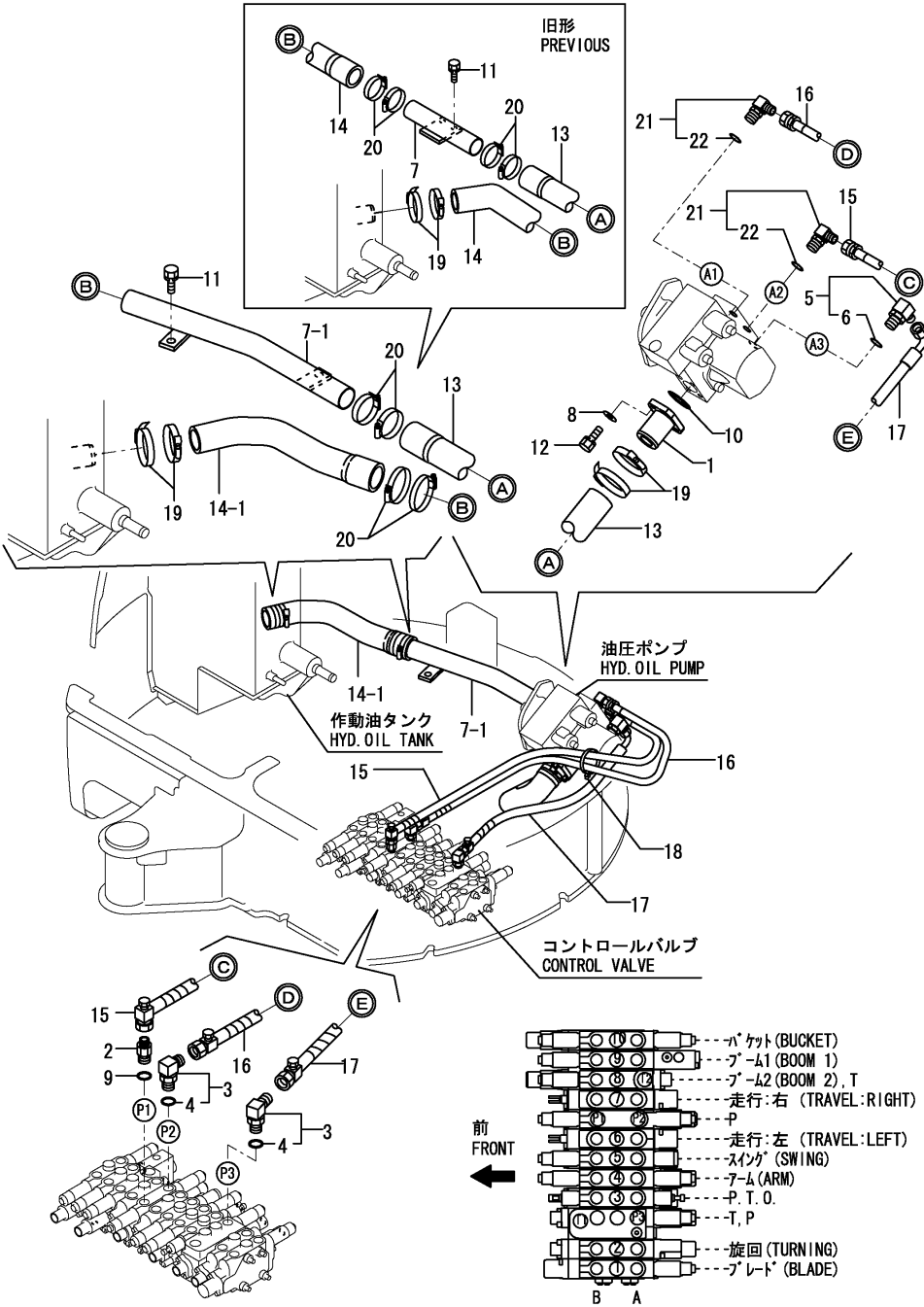
No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=			
				(A)	(B)	(C)	(D)	(E)	(F)
31	1	22217-140000	WASHER, SPRING 14	4	4		4		
32	1	26116-140352	BOLT, M14X 35 PLATED	4	4		4		
33	1	22137-140000	WASHER, 14	4	4		4		

(1)T=REF.NO.30 6MM, NO.30-1 12MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.25-1.

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

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Fig.84. HYD.OIL PIPING(TANK-PUMP-VALVE)

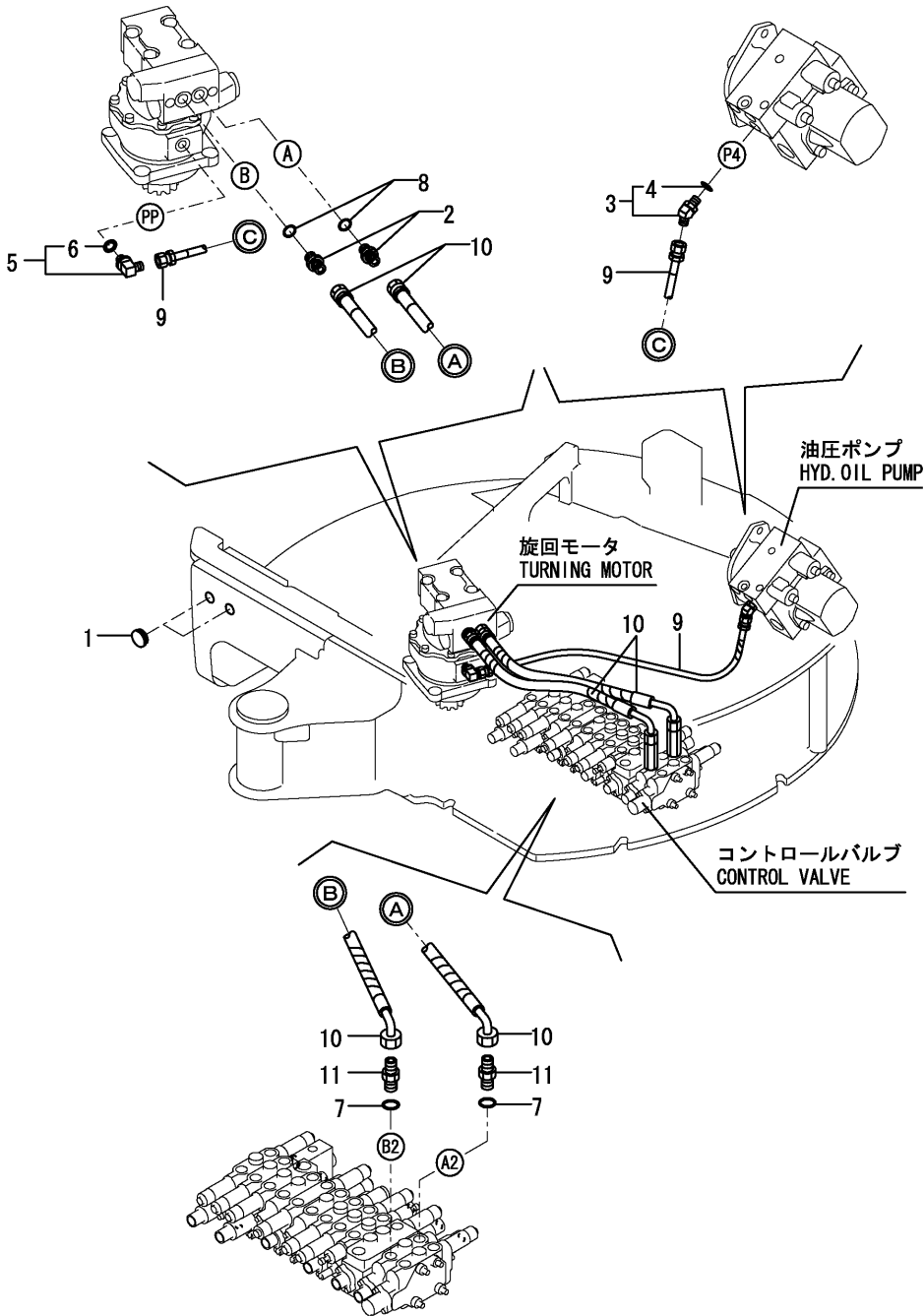


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76100	FLANGE	1	1		1				
2	1	172730-75141	ADAPTER	1	1		1				
3	1	172142-76181	JOINT ASSY	2	2		2				
4	2	24315-000140	O-RING, 1BP14.0	2	2		2				
5	1	172157-76300	ELBOW ASSY	1	1		1				
6	2	24315-000180	O-RING, 1BP18.0	1	1		1				
7	1	172444-76400	TUBE ASSY, SUCTION		1						
7-1	1	172487-76410 (B=M/#21694)	TUBE ASSY, SUCTION	1	1		1			S	
8	1	22117-100000	WASHER, 10	4	4		4				
9	1	24315-000140	O-RING, 1BP14.0	1	1		1				
10	1	24321-000400	O-RING, 1AG40.0	1	1		1				
11	1	26013-100202	BOLT, M10X 20	2	2		2				
11-1	1	26014-100252	BOLT, M10X 25	2	2		2			N	
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
12	1	26013-100252	BOLT, M10X 25	4	4		4				
13	1	172458-78091	HOSE 39.5 X 52.5	1	1		1				
14	1	172456-78100	HOSE 38.1X50.2		1						
14-1	1	172456-78101 (B=M/#21694)	HOSE 38.1X50.2	1	1		1			S	
15	1	172456-78111	HOSE H206BZ080S	1	1		1				
16	1	172456-78120	HOSE H206BZ071S	1	1		1				
17	1	172456-78130	HOSE H206CZ061S	1	1		1				
18	1	172122-79930	CLAMP, HOSE	1	1		1				
19	1	23001-060000	CLAMP, HOSE 60	4	4		4				
20	1	23001-070000	CLAMP, HOSE 70	4	4		4				
21	1	172142-76181	JOINT ASSY	2	2		2				
22	2	24315-000140	O-RING, 1BP14.0	2	2		2				

Fig.85. HYD.OIL PIPING(PUMP,VALVE-TURNING MOTOR)

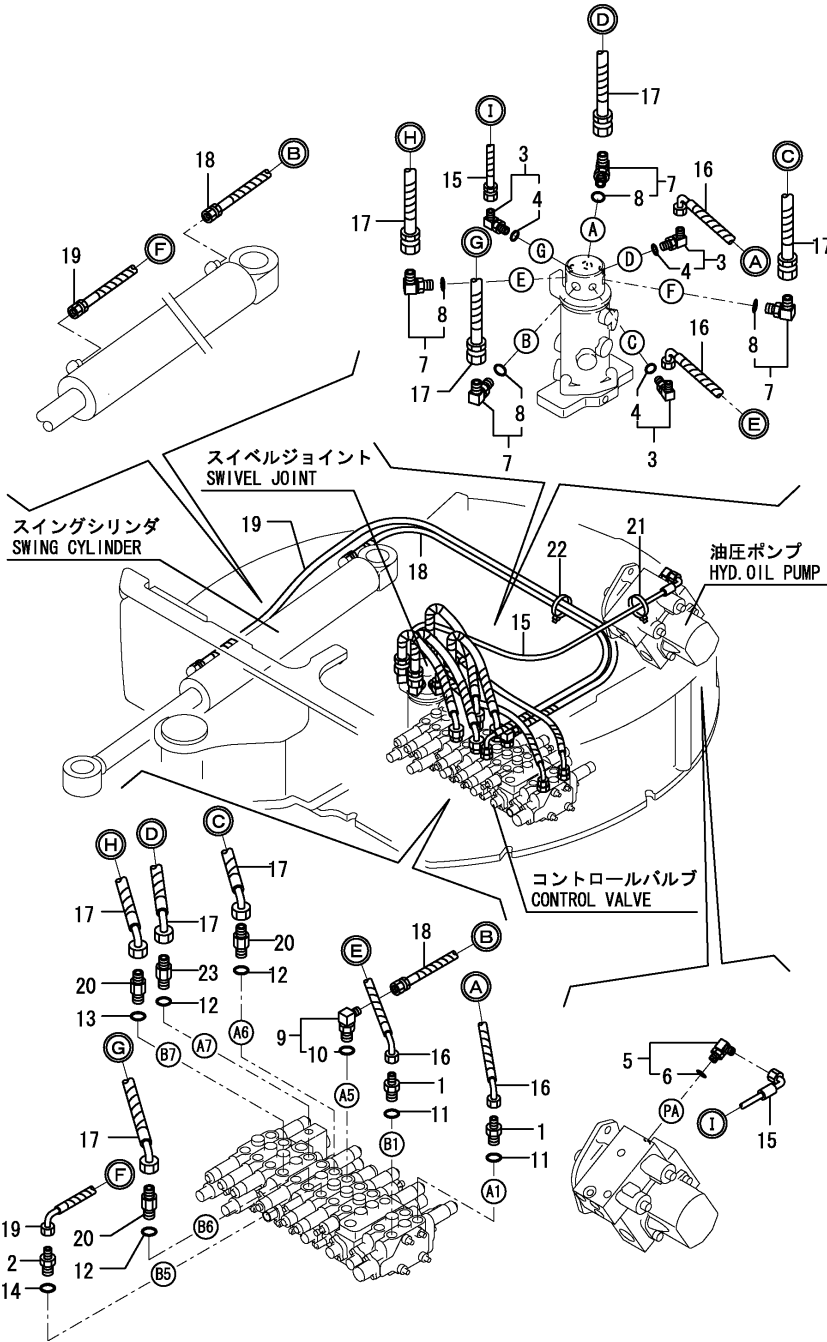


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172312-17260	GROMMET	2	2		2				
2	1	172730-75141	ADAPTER	2	2		2				
3	1	172173-76101	CONNECTOR ASSY	1	1		1				
4	2	24315-000110	O-RING, 1BP11.0	1	1		1				
5	1	172141-76180	CONNECTOR ASSY	1	1		1				
6	2	24315-000110	O-RING, 1BP11.0	1	1		1				
7	1	24315-000140	O-RING, 1BP14.0	2	2		2				
8	1	24315-000140	O-RING, 1BP14.0	2	2		2				
9	1	172456-78140	HOSE F403BB070S	1	1		1				
10	1	172422-78210	HOSE P206BC050S	2	2		2				
11	1	172162-76131	ADAPTER	2	2		2				

Fig.86. HYD.OIL PIPING(VALVE-SWIVEL,SWING)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

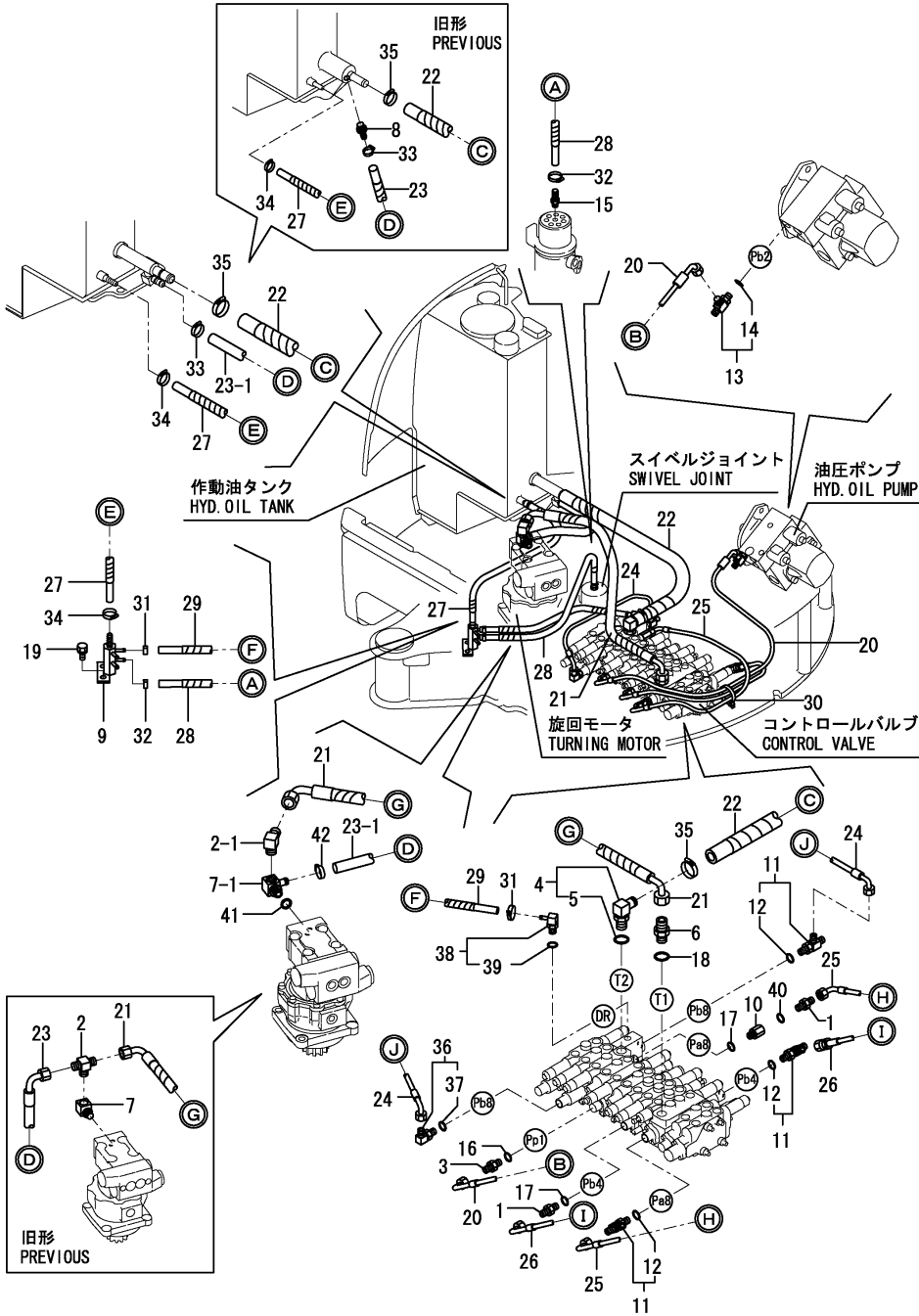


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76130	CONNECTOR	2	2		2				
2	1	172147-76260	CONNECTOR, 3/8X1/4	1	1		1				
3	1	172141-76180	CONNECTOR ASSY	3	3		3				
4	2	24315-000110	O-RING, 1BP11.0	3	3		3				
5	1	172141-76180	CONNECTOR ASSY	1	1		1				
6	2	24315-000110	O-RING, 1BP11.0	1	1		1				
7	1	172142-76181	JOINT ASSY	4	4		4				
8	2	24315-000140	O-RING, 1BP14.0	4	4		4				
9	1	172141-76920	CONNECTOR ASSY	1	1		1				
10	2	24315-000140	O-RING, 1BP14.0	1	1		1				
11	1	24315-000140	O-RING, 1BP14.0	2	2		2				
12	1	24315-000140	O-RING, 1BP14.0	3	3		3				
13	1	24315-000140	O-RING, 1BP14.0	1	1		1				
14	1	24315-000140	O-RING, 1BP14.0	1	1		1				
15	1	172456-78150	HOSE F403BC090S	1	1		1				
16	1	172456-78170	HOSE P204BC067S	2	2		2				
17	1	172422-78200	HOSE P206BC048S	4	4		4				
18	1	172456-78200	HOSE F204BC155	1	1		1				
19	1	172456-78210	HOSE F204BC215S	1	1		1				
20	1	172116-76381	ADAPTER, 64		4						
20-1	1	172116-76381	ADAPTER, 64	3	3		3				K
(B=M/#21858)											
21	1	172122-79930	CLAMP, HOSE	1	1		1				
22	1	172126-11510	BAND 300	1	1		1				
23	1	172116-76381	ADAPTER, 64		1						
23-1	1	172162-76131	ADAPTER	1	1		1				N
(B=M/#21858)											

Fig.87. HYD.OIL PIPING(RETURN)

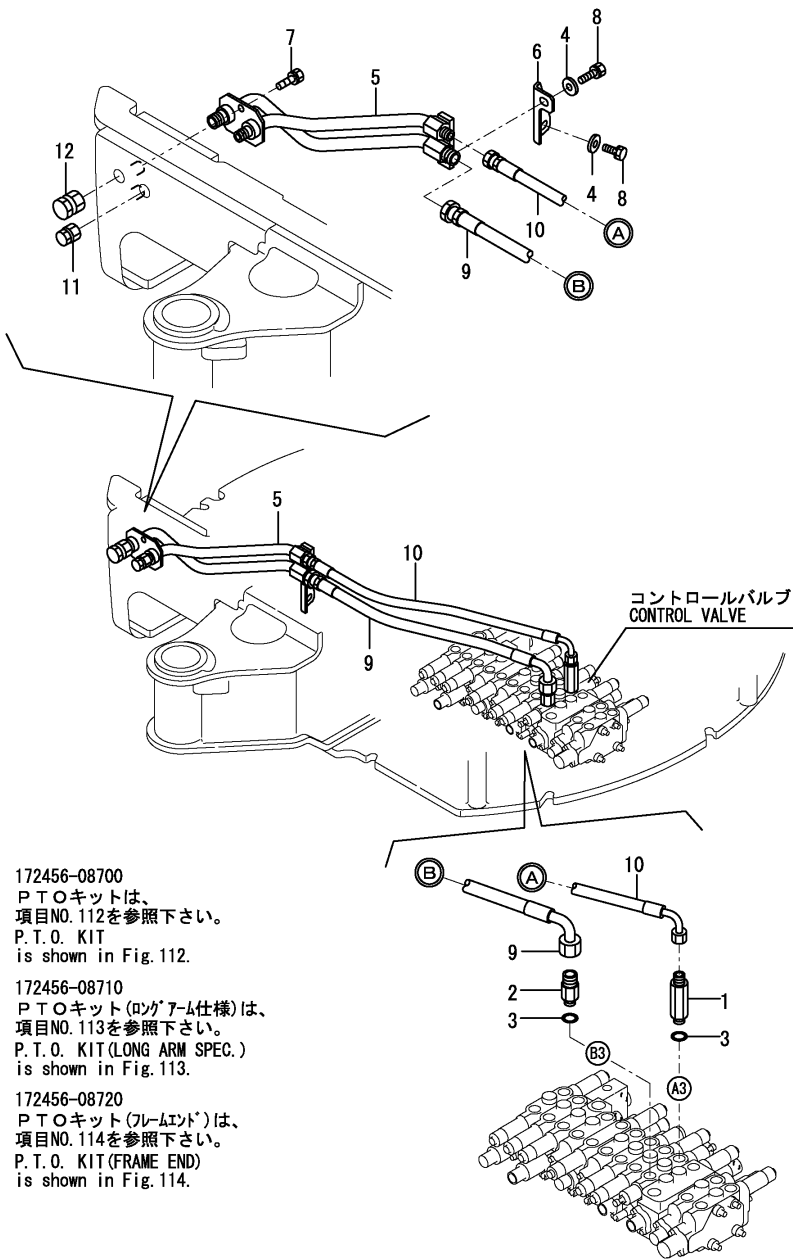
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-76330	JOINT, PF1/4-0.7	2	2		2				
2	1	172456-76100	TEE, PT1/2-PF1/2		1						
2-1	1	23393-040000	JOINT, 90RGI-1/2	1	1		1				S
(B=M/#22514)											
3	1	172123-76121	ADAPTER	1	1		1				
4	1	172164-76131	ELBOW	1	1		1				
5	2	24315-000180	O-RING, 1BP18.0	1	1		1				
6	1	172458-76130	CONNECTOR	1	1		1				
7	1	172519-76130	CONNECTOR, 3/8X56		1						
7-1	1	172487-76200	ELBOW	1	1		1				S
(B=M/#22514)											
8	1	172131-76150	NIPPLE		1						Z
(B=M/#21764)											
9	1	172444-76150	JOINT	1	1		1				
10	1	172422-76140	CONNECTOR	1	1		1				
11	1	172162-76180	JOINT ASSY, 3-1/4	3	3		3				
12	2	24315-000110	O-RING, 1BP11.0	3	3		3				
13	1	172162-76180	JOINT ASSY, 3-1/4	1	1		1				
14	2	24315-000110	O-RING, 1BP11.0	1	1		1				
15	1	172141-76220	NIPPLE	1	1		1				
16	1	24315-000110	O-RING, 1BP11.0	1	1		1				
17	1	24315-000110	O-RING, 1BP11.0	2	2		2				
18	1	24315-000180	O-RING, 1BP18.0	1	1		1				
19	1	26013-100202	BOLT, M10X 20	2	2		2				
20	1	172456-78160	HOSE F403CC806	1	1		1				
21	1	172456-78260	HOSE G608CC067S	1	1		1				
22	1	172456-78270	HOSE G612YY055S	1	1		1				
23	1	172456-78280	HOSE G608CY057S		1						
23-1	1	172487-78260	HOSE G806YY026	1	1		1				S
(B=M/#22514)											
24	1	172458-78290	HOSE F403CC042	1	1		1				
25	1	172458-78300	HOSE F403CC074	1	1		1				
26	1	172458-78310	HOSE F403BC053	1	1		1				
27	1	172165-78412	HOSE G806YY077S	1	1		1				
28	1	172458-78530	HOSE G604YY054S	1	1		1				
29	1	172458-78540	HOSE G604YY047S	1	1		1				
30	1	172122-79930	CLAMP, HOSE	1	1		1				
31	1	23000-013000	CLAMP, 13	2	2		2				
32	1	23000-013000	CLAMP, 13	2	2		2				
33	1	23001-016000	CLAMP, HOSE 16	1	1		1				
34	1	23001-016000	CLAMP, HOSE 16	2	2		2				
35	1	23001-035000	CLAMP, HOSE 35	2	2		2				
36	1	172141-76180	CONNECTOR ASSY	1	1		1				
37	2	24315-000110	O-RING, 1BP11.0	1	1		1				
38	1	172458-76150	NIPPLE	1	1		1				
39	2	24315-000110	O-RING, 1BP11.0	1	1		1				
40	1	24315-000110	O-RING, 1BP11.0	1	1		1				
41	1	24315-000140	O-RING, 1BP14.0	1	1		1				W
(B=M/#22514)											
42	1	23001-016000	CLAMP, HOSE 16	1	1		1				W
(B=M/#22514)											

Fig.88. HYD.OIL PIPING(P.T.O.,FRAME END)



172456-08700
P T Oキットは、
項目NO. 112を参照下さい。
P.T.O. KIT
is shown in Fig. 112.

172456-08710
P T Oキット (ロングアーム仕様)は、
項目NO. 113を参照下さい。
P.T.O. KIT (LONG ARM SPEC.)
is shown in Fig. 113.

172456-08720
P T Oキット (フレームエンド)は、
項目NO. 114を参照下さい。
P.T.O. KIT (FRAME END)
is shown in Fig. 114.

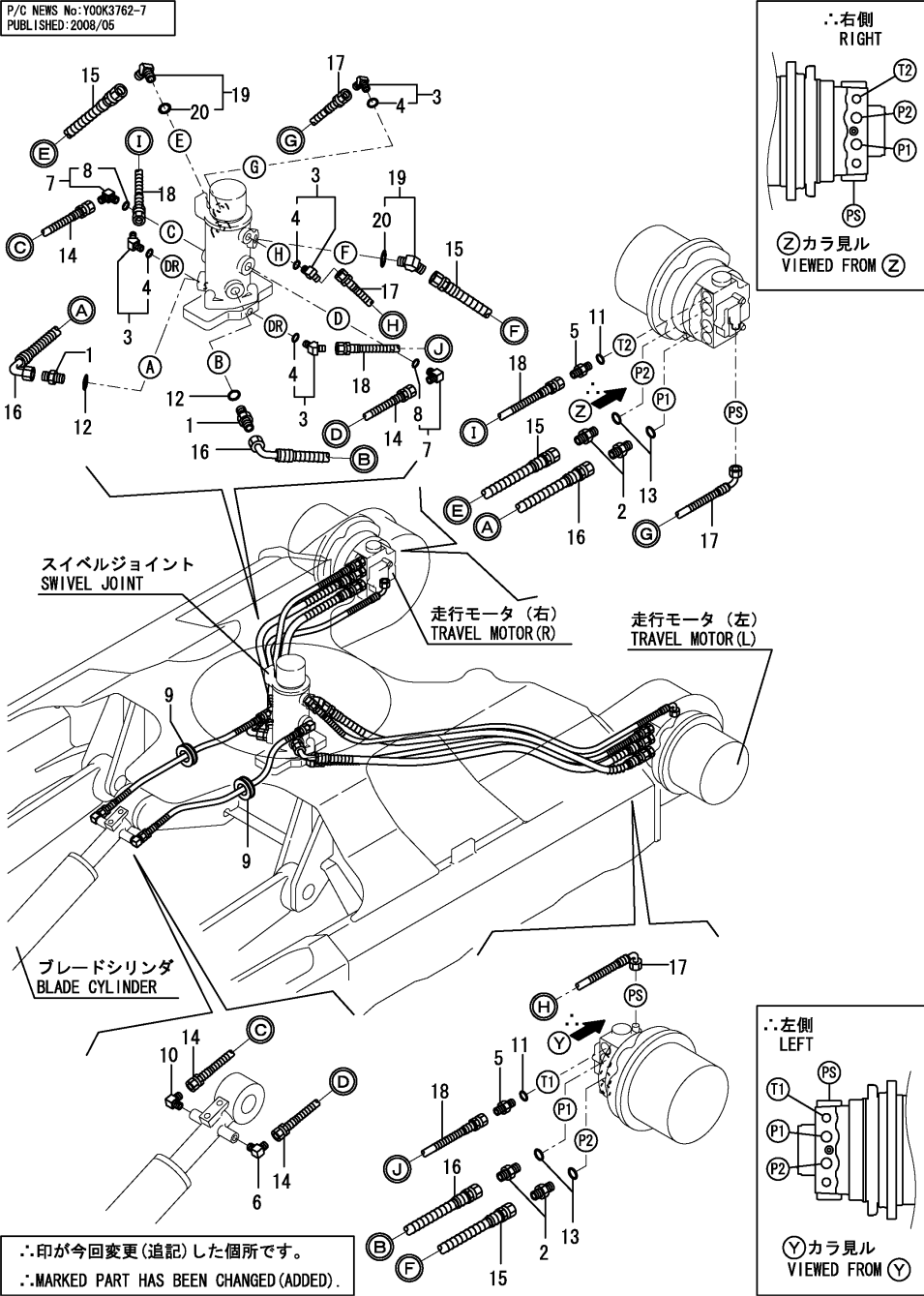
Remarks
(1)EX,FRAME END SPEC.

OCK10-M37602 Fig.88
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-76130	ADAPTER	1	1		1				
2	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1		1				
3	1	24315-000140	O-RING, 1BP14.0	2	2		2				
4	1	172110-36010	COLLAR	2	2		2				
5	1	172456-76800	TUBE	1	1		1				
6	1	172456-76880	PLATE (GREEN:97)	1	1		1				
7	1	26013-100202	BOLT, M10X 20	2	2		2				
8	1	26013-100252	BOLT, M10X 25	2	2		2				
9	1	172456-78960	HOSE H208BC056	1	1		1				
10	1	172456-78970	HOSE H206BC058	1	1		1				
11	1	1A6380-48870	CAP, G3/8				1				1
12	1	172137-75570	ADAPTER, PF1/2				1				1

OCK10-M37602 HYDRAULIC OIL PIPING
Fig.89. HYD.OIL PIPING(TRACK FRAME)

P/C NEWS No.:Y00K3762-7
PUBLISHED: 2008/05

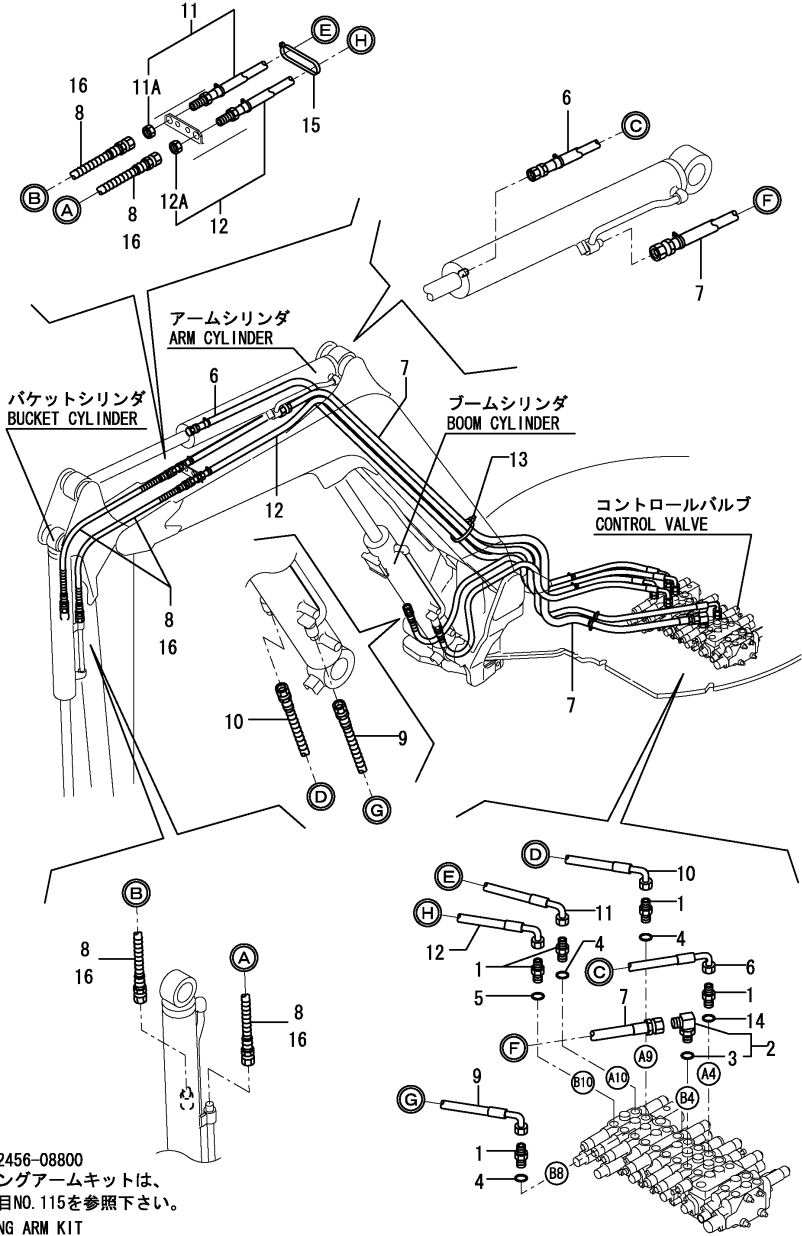


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2		2				
2	1	172730-75141	ADAPTER	4	4		4				
3	1	172173-76101	CONNECTOR ASSY	4	4		4				
4	2	24315-000110	O-RING, 1BP11.0	4	4		4				
5	1	172123-76121	ADAPTER	2	2		2				
6	1	172421-76100	CONNECTOR	1	1		1				
7	1	172141-76180	CONNECTOR ASSY	2	2		2				
8	2	24315-000110	O-RING, 1BP11.0	2	2		2				
9	1	172422-78760	GROMMET	2	2		2				
10	1	23393-020000	JOINT, 90RGI-1/4	1	1		1				
11	1	24315-000110	O-RING, 1BP11.0	2	2		2				
12	1	24315-000140	O-RING, 1BP14.0	2	2		2				
13	1	24315-000140	O-RING, 1BP14.0	4	4		4				
14	1	172421-78120	HOSE F204BB059W	2	2		2				
15	1	172421-78130	HOSE F206BB087S		2						
15-1	1	172421-78131 (B=M/#25770)	HOSE F206BB087W	2	2		2			N	
16	1	172456-78290	HOSE F206BC090W		2						
16-1	1	172456-78291 (B=M/#25770)	HOSE F206BC087W	2	2		2			N	
17	1	172456-78300	HOSE F204BC100W		2						
17-1	1	172456-78301 (B=M/#25770)	HOSE F204BC100W	2	2		2			N	
18	1	172456-78310	HOSE G704BB083W		2						
18-1	1	172456-78311 (B=M/#20501)	HOSE G704BB083W		2					N	
18-2	1	172456-78312 (B=M/#25770)	HOSE F204BB083W	2	2		2			N	
19	1	172644-76161	ELBOW, ADJUST	2	2		2				
20	2	24315-000140	O-RING, 1BP14.0	2	2		2				

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.90. HYD.OIL PIPING(BOOM)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

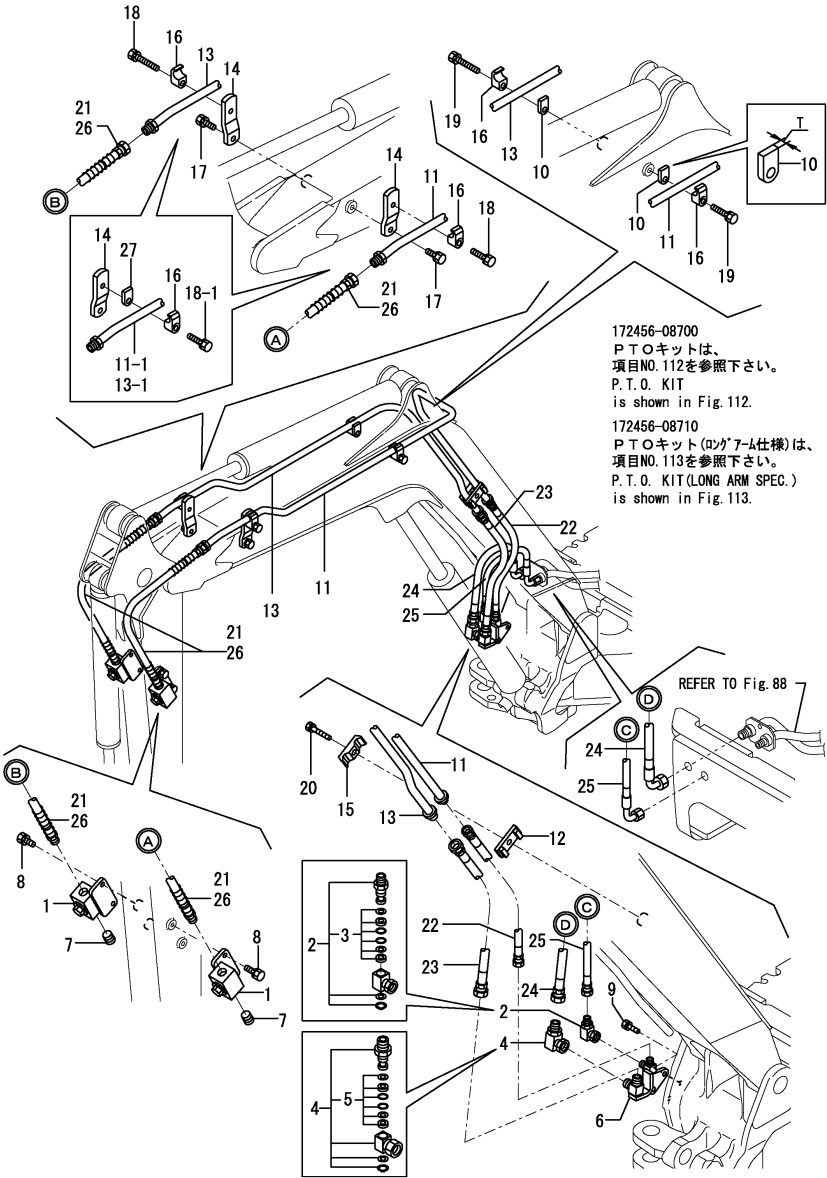


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	5	5		5				
2	1	172142-76181	JOINT ASSY	1	1		1				
3	2	24315-000140	O-RING, 1BP14.0	1	1		1				
4	1	24315-000140	O-RING, 1BP14.0	3	3		3				
5	1	24315-000140	O-RING, 1BP14.0	1	1		1				
6	1	172456-78180	HOSE H206BC270K	1	1		1				
7	1	172456-78190	HOSE H206BB227K	1	1		1				
8	1	172457-78200	HOSE H206BB072W		2						
8-1	1	172957-78150	HOSE H206BB070W	2	2		2				N
(B=M/#20785)											
9	1	172456-78220	HOSE H206BC109W	1	1		1				
10	1	172456-78230	HOSE H206BC114W	1	1		1				
11	1	172456-78241	HOSE H206CX260K	1	1		1				
11A	2	172455-79770	NUT, LOCK	1	1		1				W
(A=M/#XXXXXX) (B=M/#XXXXXX) (D=M/#XXXXXX)											
12	1	172456-78251	HOSE H206CX250K	1	1		1				
12A	2	172455-79770	NUT, LOCK	1	1		1				W
(A=M/#XXXXXX) (B=M/#XXXXXX) (D=M/#XXXXXX)											
13	1	172122-79930	CLAMP, HOSE	1	1		1				
14	1	24315-000140	O-RING, 1BP14.0	1	1		1				
15	1	172122-79930	CLAMP, HOSE	1	1		1				W
(B=M/#20697)											
16	1	172456-78510	HOSE H206BB094W		2						1

Remarks
(1)LONG ARM SPEC.

Fig.91. HYD.OIL PIPING(P.T.O.,ARM END)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



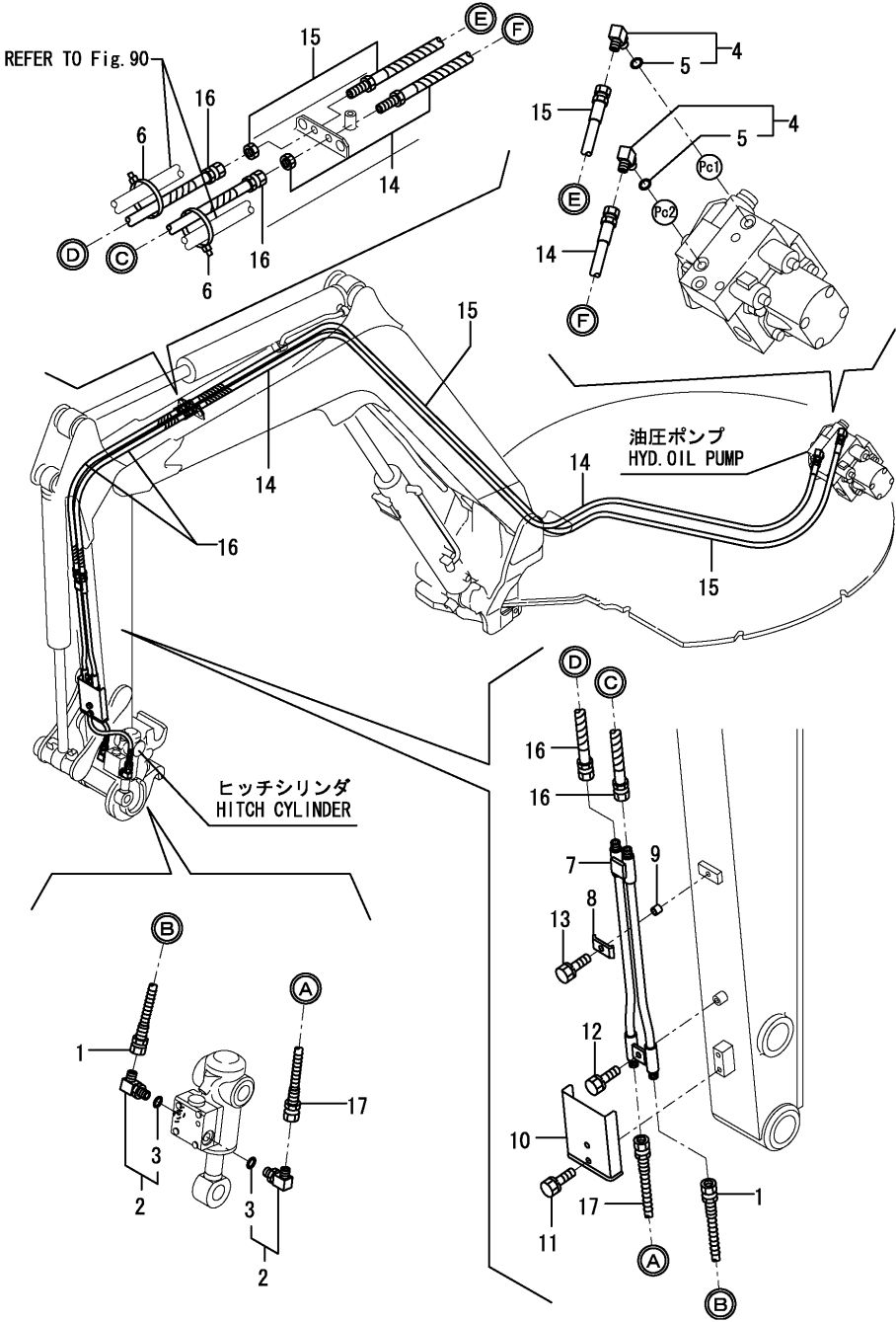
172456-08700
P.T.O.キットは、
項目NO. 112を参照下さい。
P.T.O. KIT
is shown in Fig.112.
172456-08710
P.T.O.キット(ロングアーム仕様)は、
項目NO. 113を参照下さい。
P.T.O. KIT (LONG ARM SPEC.)
is shown in Fig.113.

REFER TO Fig.88

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-74820	VALVE, STOP	2	2		2				
2	1	172456-76250	JOINT, SWIVEL 3/8	1	1		1				
3	2	172456-76260	SEAL SET, 3/8	1	1		1				W
(B=M/H#20501)											
4	1	172142-76270	JOINT, SWIVEL 1/2	1	1		1				
5	2	172142-77040	SEAL SET	1	1		1				
6	1	172456-76700	JOINT ASSY, PTO	1	1		1				
7	1	23871-040000	PLUG, R04	2	2		2				
8	1	26013-100252	BOLT, M10X 25	4	4		4				
9	1	26013-100252	BOLT, M10X 25	2	2		2				
10	1	172183-76250	PLATE, SPACER	2	2		2				
10-1	1	172187-76690	PLATE	2	2		2				S 3
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
11	1	172456-76600	TUBE ASSY, PTO	1	1		1				
11-1	1	172456-76601	TUBE ASSY, PTO	1	1		1				F 2
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
12	1	172175-76640	SPACER ASSY	1	1		1				
13	1	172456-76650	TUBE ASSY, PTO	1	1		1				
13-1	1	172456-76651	TUBE ASSY, PTO	1	1		1				F 2
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
14	1	172458-76680	STAY	2	2		2				
15	1	172175-76750	CLAMP	1	1		1				
16	1	172142-76950-4	CLAMP	4	4		4				
17	1	26013-120302	BOLT, M12X 30	2	2		2				
18	1	26013-120402	BOLT, M12X 40	2	2		2				
18-1	1	26013-120502	BOLT, M12X 50	2	2		2				S
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
19	1	26013-120502	BOLT, M12X 50	2	2		2				
19-1	1	26013-120602	BOLT, M12X 60	2	2		2				S
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
20	1	26013-120552	BOLT, M12X 55	1	1		1				
20-1	1	26013-120602	BOLT, M12X 60	1	1		1				S
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
21	1	172456-78910	HOSE H208AB060W	2	2		2				
22	1	172456-78920	HOSE H206BB068	1	1		1				
23	1	172456-78930	HOSE H208BB065	1	1		1				
24	1	172456-78940	HOSE H208BC090	1	1		1				
25	1	172456-78950	HOSE H206BC077	1	1		1				
26	1	172456-78900	HOSE H208AB082W		2						1
27	1	172183-76250	PLATE, SPACER	2	2		2				W
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											

Remarks
(1)LONG ARM SPEC.
(2)Interchangeable by simultaneous replacement with Ref.No.10-1,18-1, 19-1,27.
(3)T=Ref.No.10:9mm, No.10-1:16mm.

Fig.92. HYD.OIL PIPING(QUICK HITCH)



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-78160	HOSE G604BB049W		1						
1-1	1	172958-78200	HOSE F102BB050W (B=M/#21004)		1						N
1-2	1	172956-78120	HOSE F102BB051W (B=M/#21006)	1	1		1				N
2	1	172958-76130	ELBOW	2	2		2				
3	2	24315-000110	O-RING, 1BP11.0	2	2		2				
4	1	172141-76180	CONNECTOR ASSY	2	2		2				
5	2	24315-000110	O-RING, 1BP11.0	2	2		2				
6	1	172122-79930	CLAMP, HOSE	2	2		2				
7	1	172956-76100	TUBE, HITCH	1	1		1				
8	1	172110-76170-4	PLATE (GREEN:97)	1	1		1				
9	1	172137-76580	COLLAR	1	1		1				
10	1	172958-81900	COVER, ARM		1						
10-1	1	172956-81900	COVER, ARM (B=M/#21004)	1	1		1				N
11	1	26013-080162	BOLT, M8X 16	2	2		2				
12	1	26013-080162	BOLT, M8X 16	1	1		1				
13	1	26013-080252	BOLT, M8X 25	1	1		1				
14	1	172956-78100	HOSE G205BX313K	1	1		1				
15	1	172956-78110	HOSE G205BX313K	1	1		1				
16	1	172957-78111	HOSE H204BB075K	2	2		2				
17	1	172958-78120	HOSE G604BB048W		1						
17-1	1	172958-78200	HOSE F102BB050W (B=M/#21004)	1	1		1				N

Fig.93. CONTROL PIPING(PUMP-VALVE-RETURN)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	2	2		2				
2	1	172187-76210	ELBOW	1	1		1				
3	2	24315-000110	O-RING, 1BP11.0	1	1		1				
4	1	24315-000110	O-RING, 1BP11.0	4	4		4				
5	1	172456-78350	HOSE F403BB120S	1	1		1				
6	1	172456-78360	HOSE G804BY140S	2	2		2				
7	1	172456-78410	HOSE F403BB102S	1	1		1				
8	1	23000-013000	CLAMP, 13	2	2		2				
9	1	172455-76220	CONNECTOR	2	2		2				

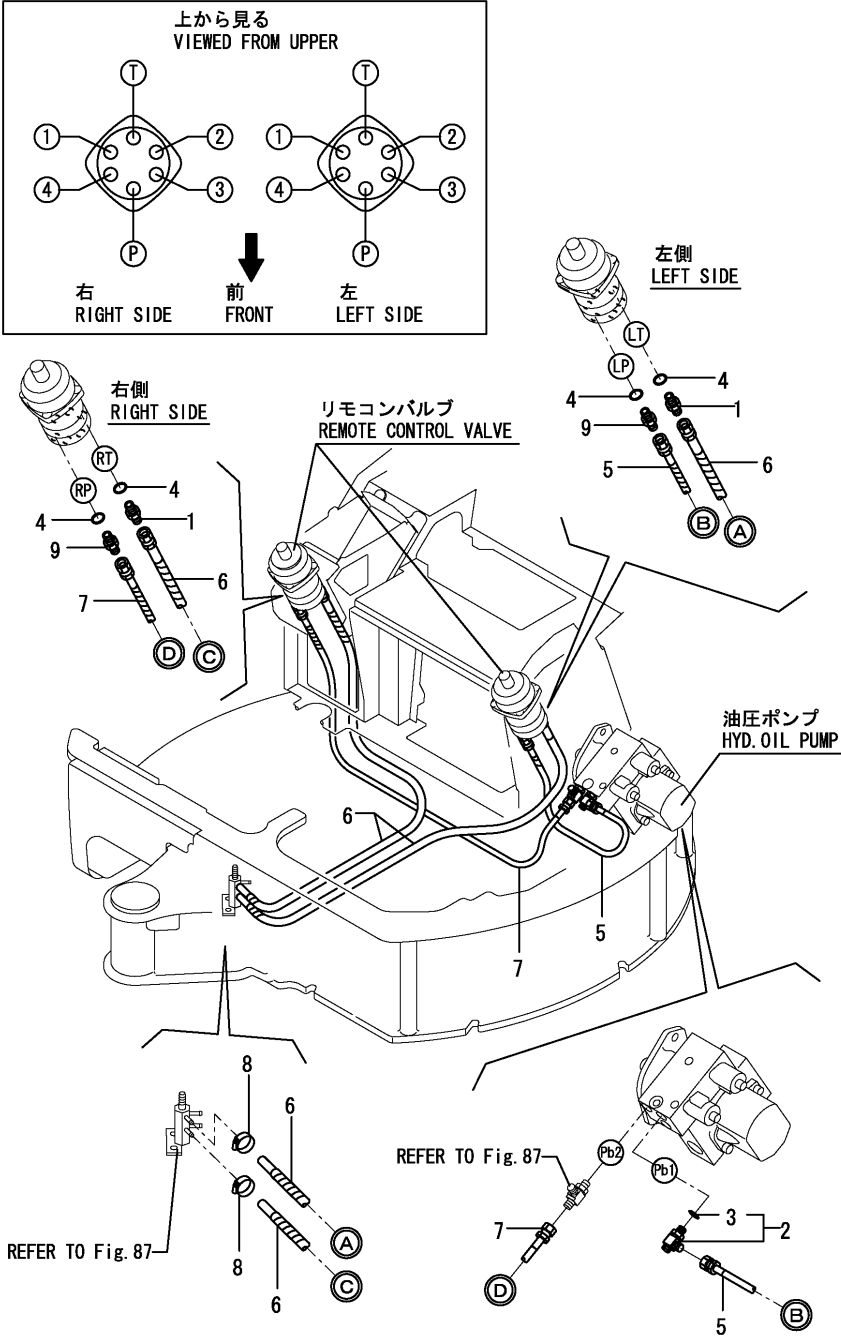
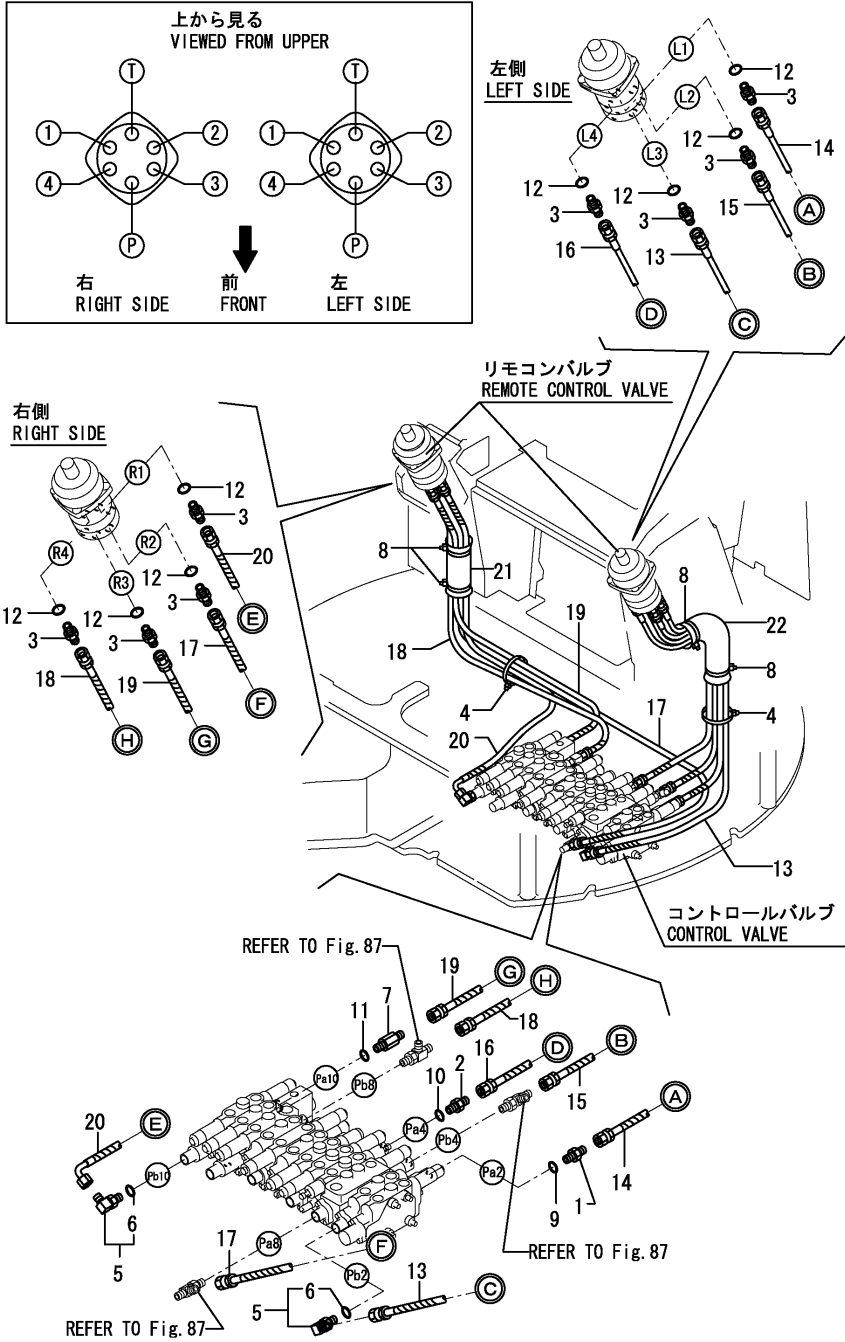
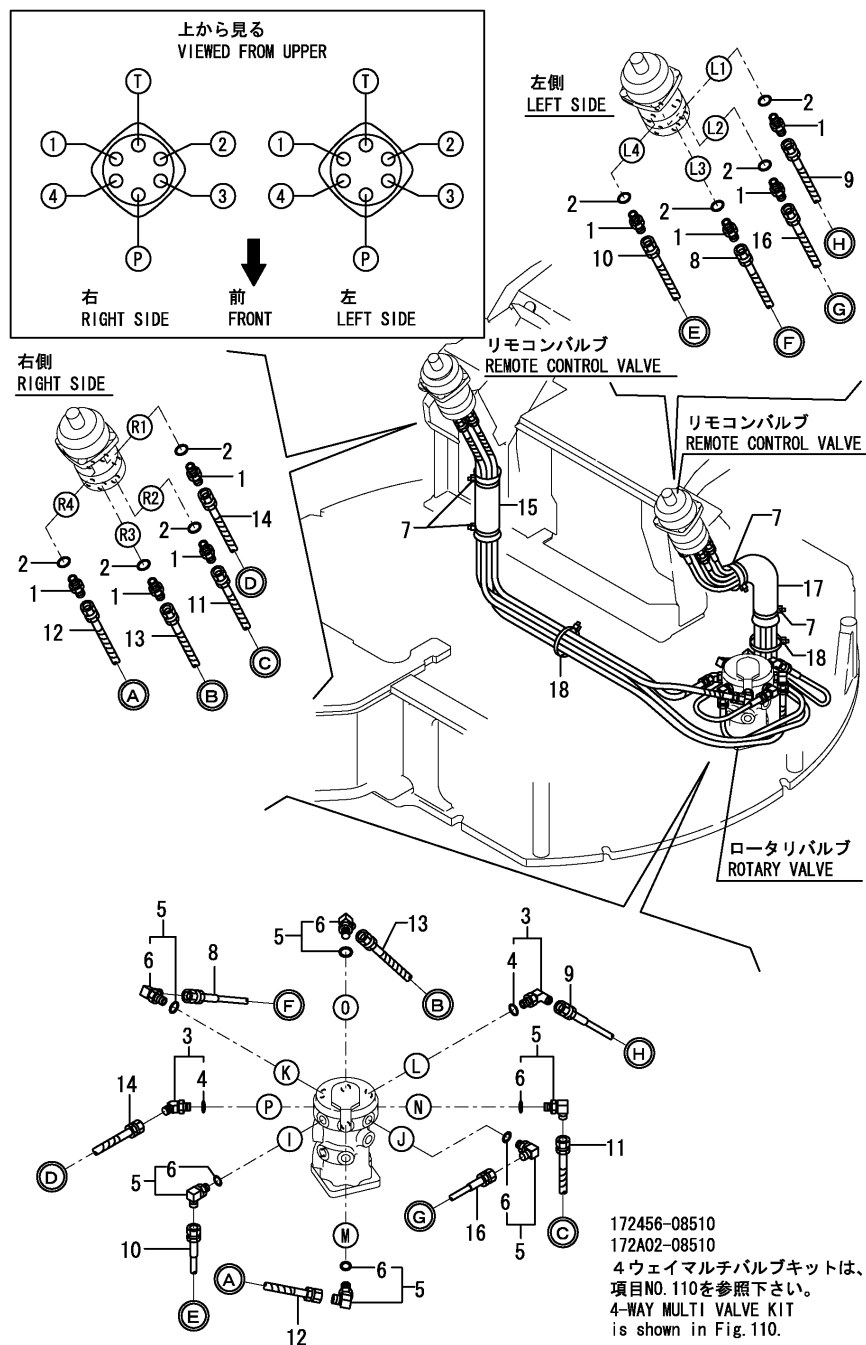


Fig.94. CONTROL PIPING(REMOTE CONTROL VALVE-CONTROL VALVE:STANDARD,2-WAY SPEC.)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



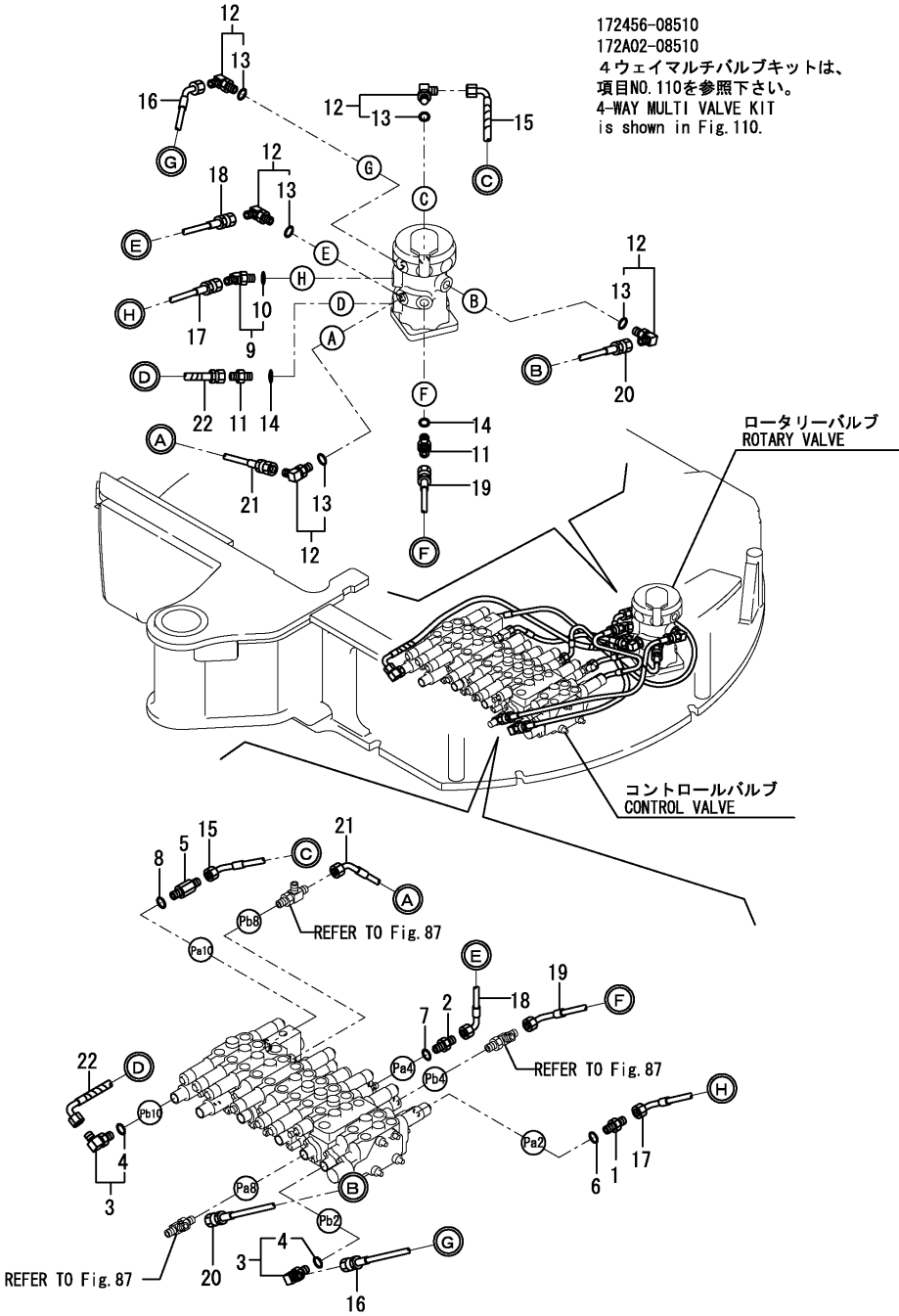
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1		1				
2	1	172123-76121	ADAPTER	1	1		1				
3	1	172123-76121	ADAPTER	8	8		8				
4	1	172122-79930	CLAMP, HOSE	2	2		2				
5	1	172141-76180	CONNECTOR ASSY	2	2		2				
6	2	24315-000110	O-RING, 1BP11.0	2	2		2				
7	1	172183-76200	CONNECTOR	1	1		1				
8	1	172126-11510	BAND 300	4	4		4				
9	1	24315-000110	O-RING, 1BP11.0	1	1		1				
10	1	24315-000110	O-RING, 1BP11.0	1	1		1				
11	1	24315-000110	O-RING, 1BP11.0	1	1		1				
12	1	24315-000110	O-RING, 1BP11.0	8	8		8				
13	1	172456-78430	HOSE F403BB156S	1	1		1				
14	1	172456-78440	HOSE F403BB110S	1	1		1				
15	1	172456-78450	HOSE F403BB110S	1	1		1				
16	1	172456-78460	HOSE F403BB110S	1	1		1				
17	1	172456-78470	HOSE F403BB142S	1	1		1				
18	1	172458-78420	HOSE F403BB097S	1	1		1				
19	1	172458-78390	HOSE F403BB097S	1	1		1				
20	1	172456-78500	HOSE F403BC132S	1	1		1				
21	1	172458-78570	SPONGE, HOSE	1	1		1				
22	1	172444-78800	SPONGE, HOSE	1	1		1				



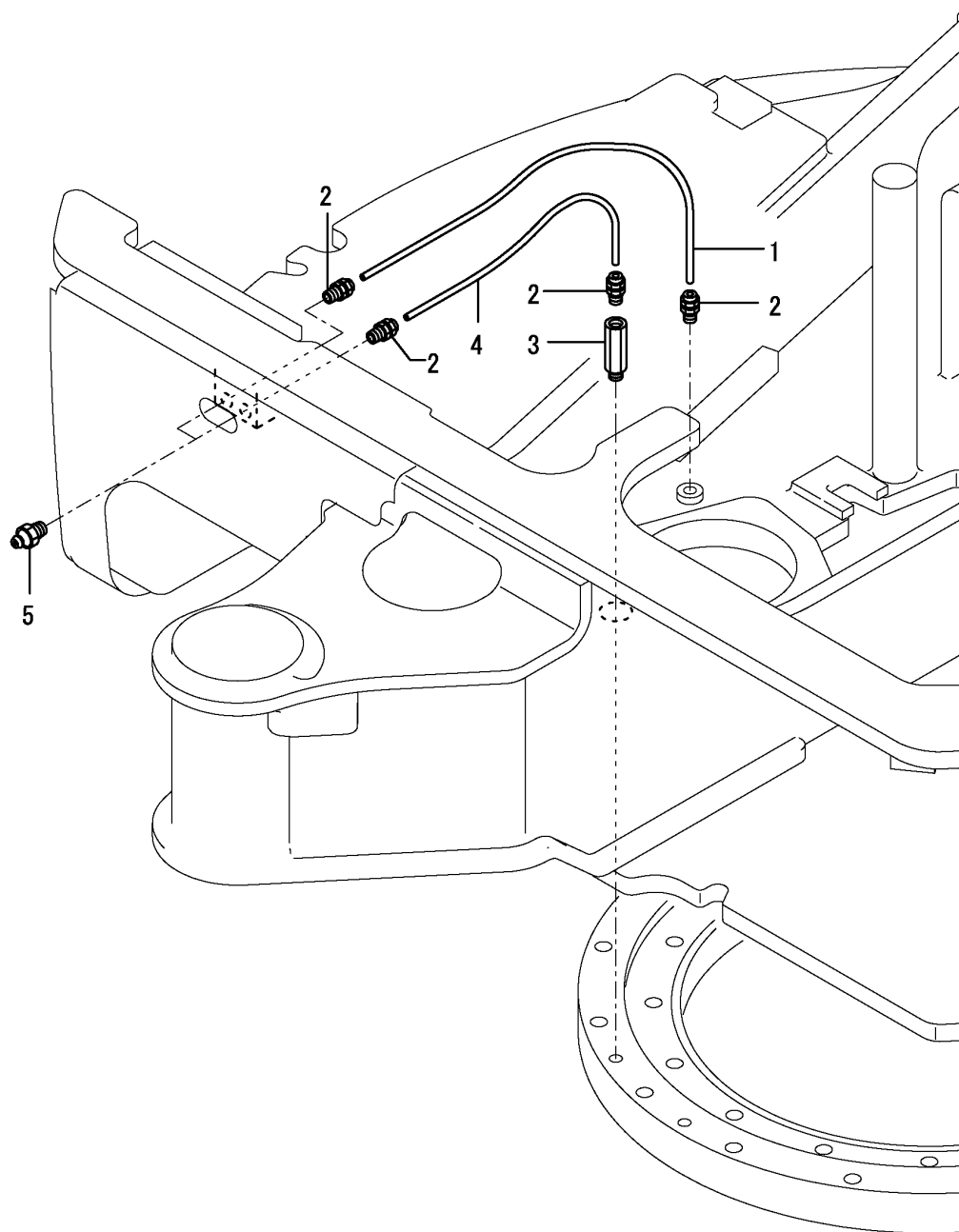
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	8	8						
2	1	24315-000110	O-RING, 1BP11.0	8	8						
3	1	172173-76101	CONNECTOR ASSY	2	2						
4	2	24315-000110	O-RING, 1BP11.0	2	2						
5	1	172141-76180	CONNECTOR ASSY	6	6						
6	2	24315-000110	O-RING, 1BP11.0	6	6						
7	1	172126-11510	BAND 300	4	4						
8	1	172456-78320	HOSE F403BB107S	1	1						
9	1	172456-78330	HOSE F403BB100S	1	1						
10	1	172456-78340	HOSE F403BB125S	1	1						
11	1	172456-78370	HOSE F403BB156S	1	1						
12	1	172456-78380	HOSE F403BB117S	1	1						
13	1	172456-78390	HOSE F403BB152S	1	1						
14	1	172456-78400	HOSE F403BB112S	1	1						
15	1	172458-78570	SPONGE, HOSE	1	1						
16	1	172458-78790	HOSE F403BB116S	1	1						
17	1	172444-78800	SPONGE, HOSE	1	1						
18	1	172122-79930	CLAMP, HOSE	3	3						

Fig.96. CONTROL PIPING(ROTARY VALVE-CONTROL VALVE:4-WAY SPEC.)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	1	1		1				
2	1	172123-76121	ADAPTER	1	1		1				
3	1	172141-76180	CONNECTOR ASSY	2	2		2				
4	2	24315-000110	O-RING, 1BP11.0	2	2		2				
5	1	172183-76200	CONNECTOR	1	1		1				
6	1	24315-000110	O-RING, 1BP11.0	1	1		1				
7	1	24315-000110	O-RING, 1BP11.0	1	1		1				
8	1	24315-000110	O-RING, 1BP11.0	1	1		1				
9	1	172173-76101	CONNECTOR ASSY	1	1		1				
10	2	24315-000110	O-RING, 1BP11.0	1	1		1				
11	1	172123-76121	ADAPTER	2	2		2				
12	1	172141-76180	CONNECTOR ASSY	5	5		5				
13	2	24315-000110	O-RING, 1BP11.0	5	5		5				
14	1	24315-000110	O-RING, 1BP11.0	2	2		2				
14-1	1	41851-000110	O-RING	2	2		2				N
(A=M/#XXXXX) (B=M/#XXXXX) (D=M/#XXXXX)											
15	1	172456-78420	HOSE F403CE065S	1	1		1				
16	1	172458-78610	HOSE F403BE057	1	1		1				
17	1	172458-78620	HOSE F403BC030	1	1		1				
18	1	172458-78630	HOSE F403BC027	1	1		1				
19	1	172458-78640	HOSE F403BC027	1	1		1				
20	1	172458-78650	HOSE F403BB055	1	1		1				
21	1	172458-78660	HOSE F403BC030	1	1		1				
22	1	172458-78670	HOSE F403BC065S	1	1		1				

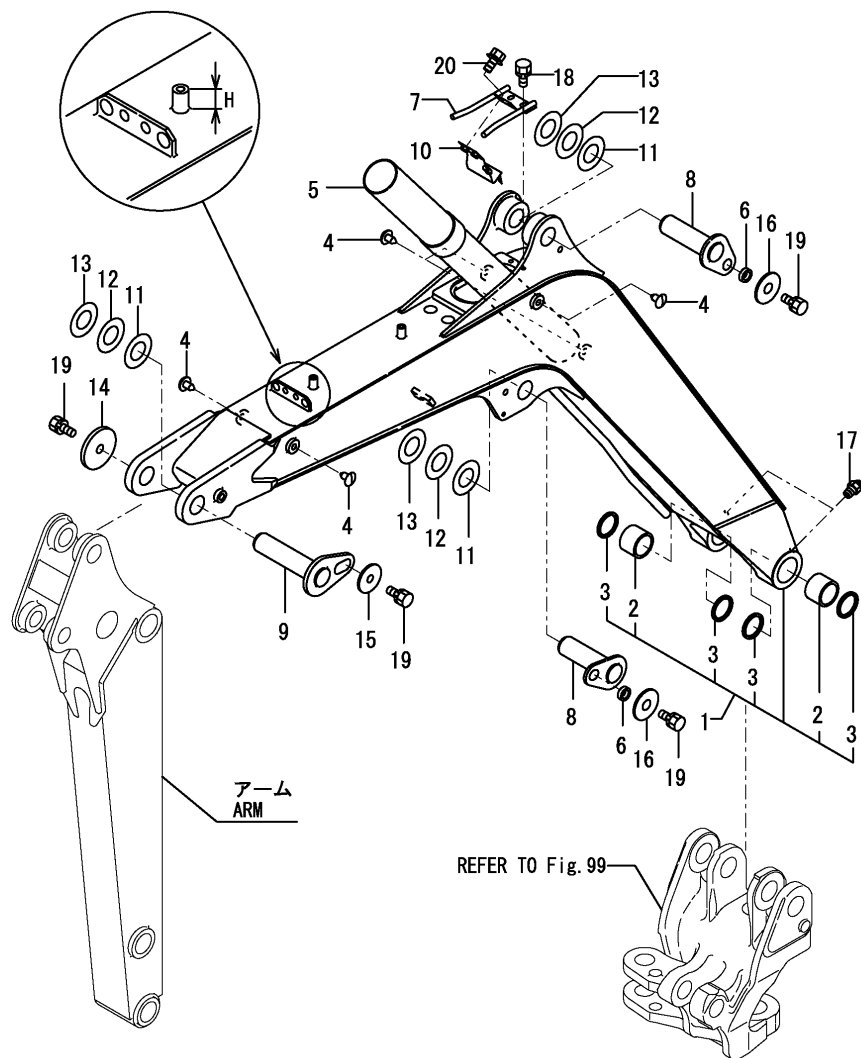


No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172186-77100	HOSE P602YY055	1	1		1				
2	1	172141-77800	JOINT, GREASE	4	4		4				
3	1	172147-77800	CONNECTOR, PT1/8		1						
3-1	1	172312-77820 (B=M/#20501)	FITTING, GREASE	1	1		1				N
4	1	172151-77801	HOSE P602YY045	1	1		1				
5	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				

Fig.98. BOOM

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



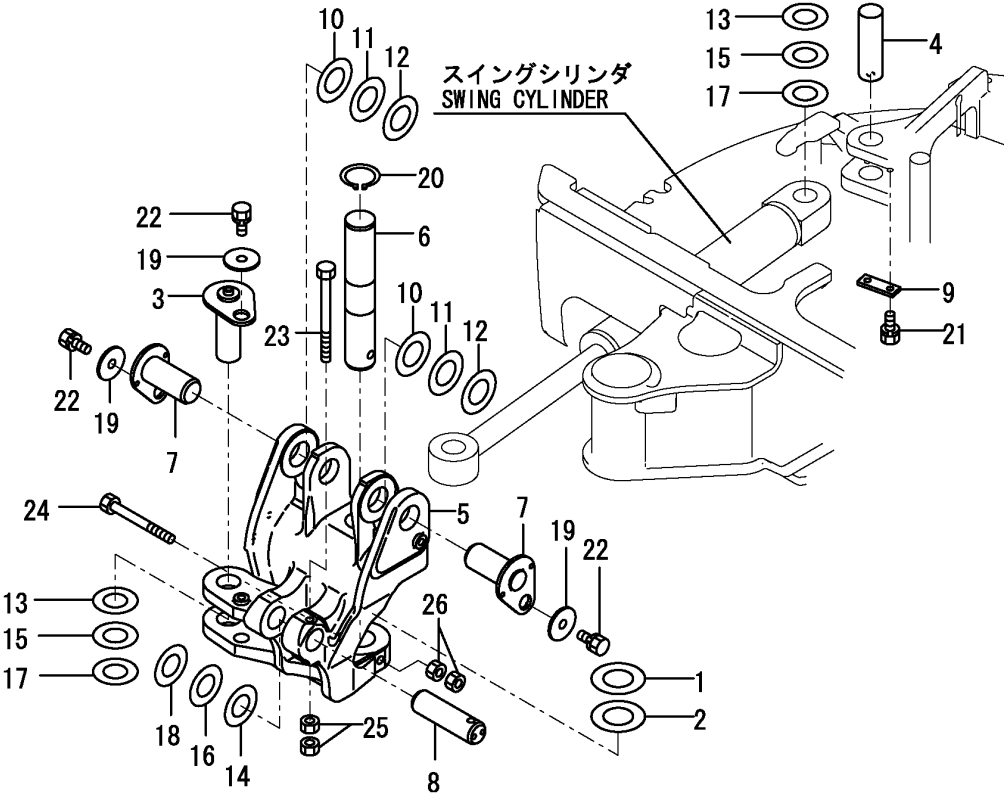
REFER TO Fig. 99-

No.	Lev.	Parts No.	Description				Q'ty					I	R
						(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-81100	BOOM	(GREEN:97)			1						
1-1	1	172456-81101	BOOM	(GREEN:97)			1					N	
		(B=M/#20508)											
1-2	1	172456-81102	BOOM	(GREEN:97)			1					N	
		(B=M/#20556)											
1-3	1	172456-81103	BOOM	(GREEN:97)		1	1		1			S	1
		(B=M/#22501)											
1-4	1	172456-81090	BOOM	(GREEN:97)		1	1		1			N	
		(A=XXX)	(B=XXX)		(D=XXX)								
2	2	172168-72400	BUSH 45X55X40			2	2		2				
3	2	172168-81410	SEAL, DUST			4	4		4				
4	1	172183-81170	CLIP, TREE			5	5		5				
5	1	172456-81450	PIPE ASSY, PROTECT			1	1		1				
6	1	172164-81670	SPACER			2	2		2				
7	1	172458-81700	GUIDE, HOSE				1					Z	
		(B=M/#20556)											
8	1	172456-81710	PIN 40X134			2	2		2				
9	1	172456-81740	PIN 40X167.5 ASSY			1	1		1				
10	1	172458-81750	CLAMP, PIPE				1						
10-1	1	172458-81751	CLAMP, PIPE			1	1		1			N	
		(B=M/#20556)											
11	1	172165-82580	SHIM			3	3		3				
12	1	172165-82590	SHIM			3	3		3				
13	1	172165-82600	SHIM			3	3		3				
14	1	172146-82910	SPACER			1	1		1				
15	1	172444-82990	WASHER			1	1		1				
16	1	22157-120000	WASHER, 12			2	2		2				
17	1	24761-050000	NIPPLE, GREASE C			2	2		2				
18	1	26014-080162	BOLT, M8X 16			2	2		2				
19	1	26013-120252	BOLT, M12X 25			4	4		4				
20	1	26014-080202	BOLT, M8X 20				2					Z	
		(B=M/#20556)											

(1)H=REF.NO.1,NO.1-1,NO.1-2:24.5MM,
REF.NO.1-3:30MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH
FIG.NO.44 REF.NO.1-1.

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

Fig.99. BOOM BRACKET

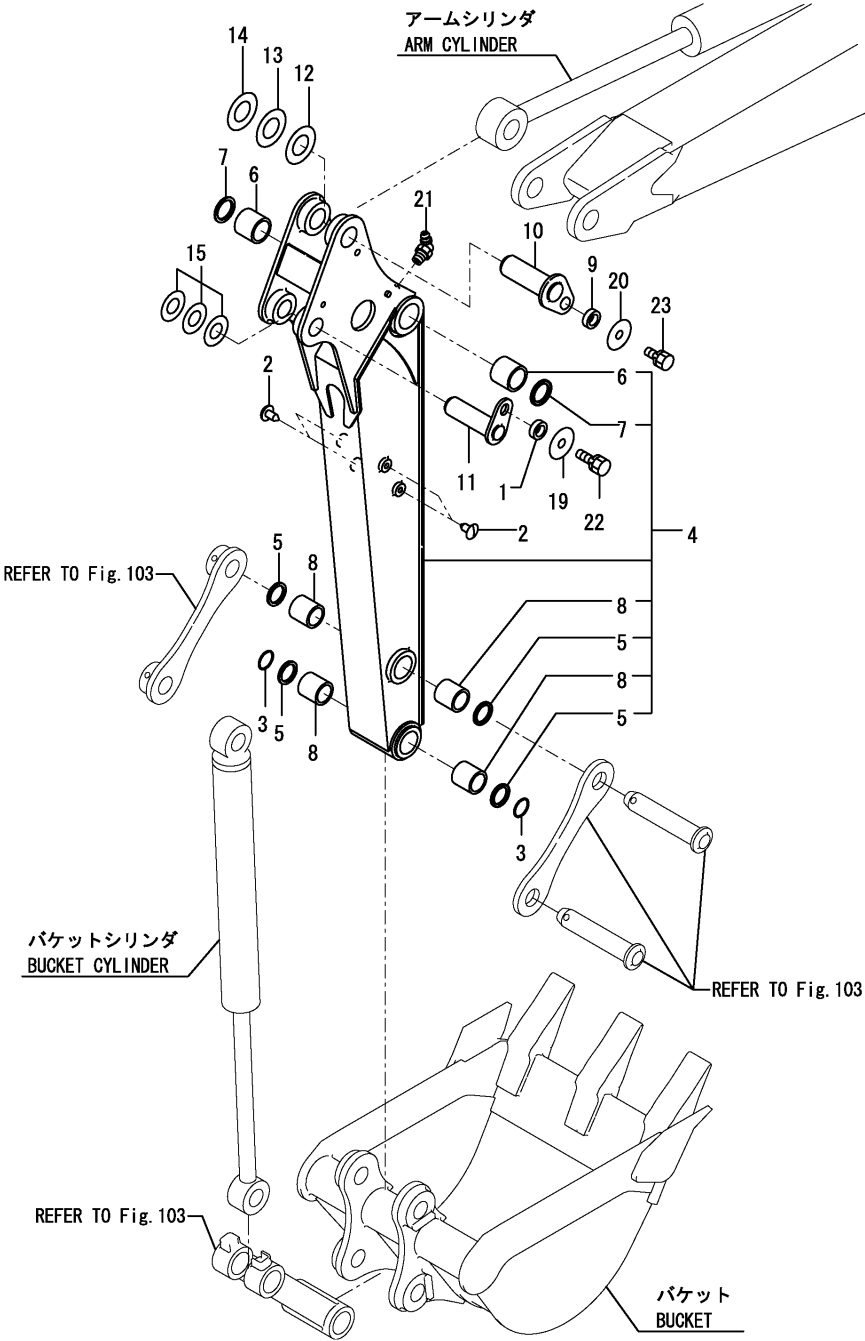


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-81700	SHIM, 50X90X0.8		1						
1-1	1	172165-82530	SHIM (B=M/#25604)	1	1		1				R
2	1	172173-81710	SHIM, 50X90X0.5		1						
2-1	1	172165-82520	SHIM (B=M/#25604)	1	1		1				R
3	1	172456-81900	PIN 40X103	1	1		1				
4	1	172458-81920	PIN 40X115	1	1		1				
5	1	172456-82300	BRACKET,BOOM(GREEN97)	1	1		1				
6	1	172456-82330	PIN 50X264	1	1		1				
7	1	172456-82340	PIN 45X98	2	2		2				
8	1	172456-82360	PIN 40X124	1	1		1				
9	1	172456-82400	PLATE,PIN (GREEN:97)	1	1		1				
10	1	172165-82550	SHIM	2	2		2				
11	1	172165-82560	SHIM	2	2		2				
12	1	172165-82570	SHIM	2	2		2				
13	1	172165-82580	SHIM	2	2		2				
14	1	172165-82580	SHIM	1	1		1				
15	1	172165-82590	SHIM	2	2		2				
16	1	172165-82590	SHIM	1	1		1				
17	1	172165-82600	SHIM	2	2		2				
18	1	172165-82600	SHIM	1	1		1				
19	1	22157-120000	WASHER, 12	3	3		3				
20	1	22242-000500	RING, 50	1	1		1				
21	1	26013-100202	BOLT, M10X 20	2	2		2				
22	1	26013-120252	BOLT, M12X 25	3	3		3				
23	1	26116-121102	BOLT, M12X110 PLATED	1	1		1				
24	1	26206-141502	BOLT, M14X150 PLATED	1	1		1				
25	1	26716-120002	NUT, M12	2	2		2				
26	1	26716-140002	NUT, M14	2	2		2				

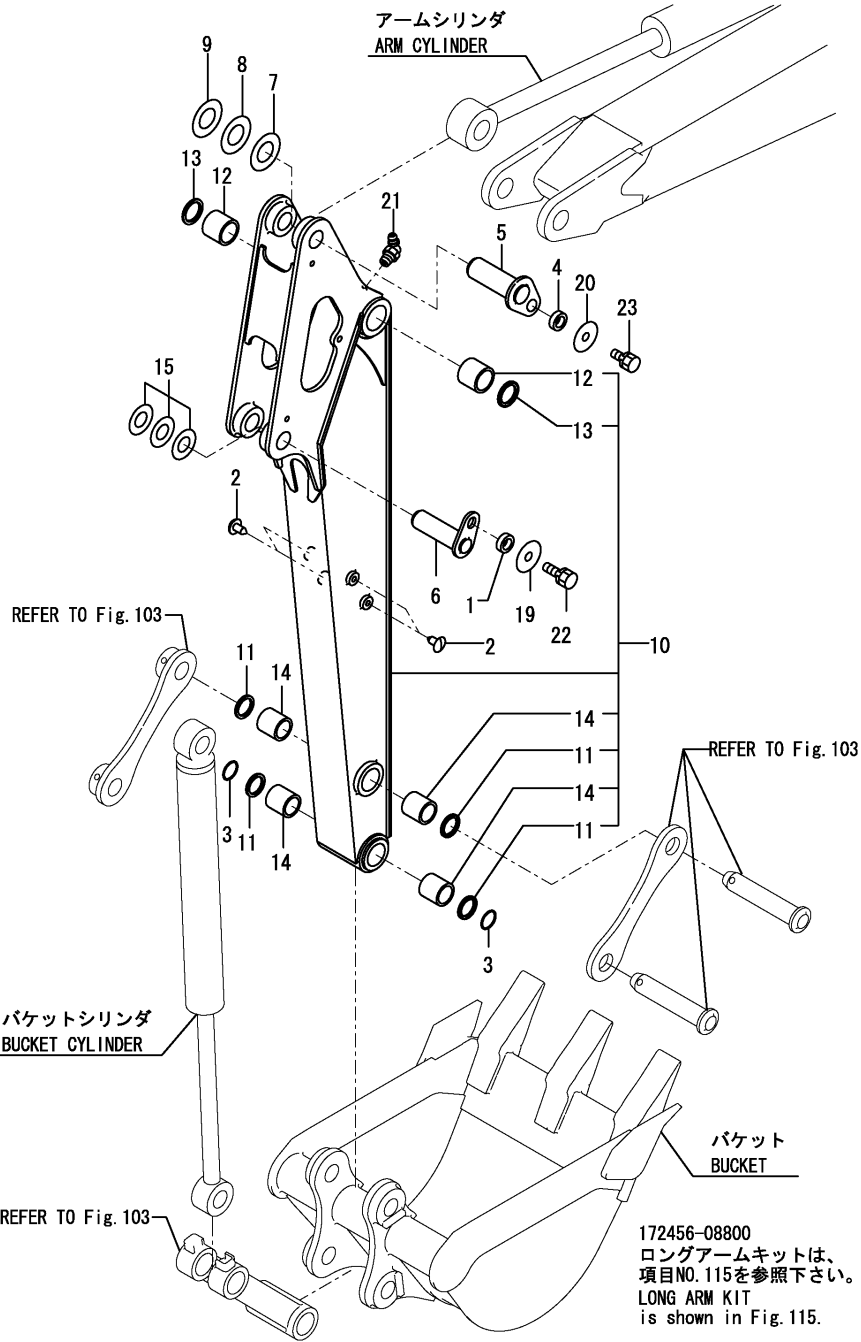
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



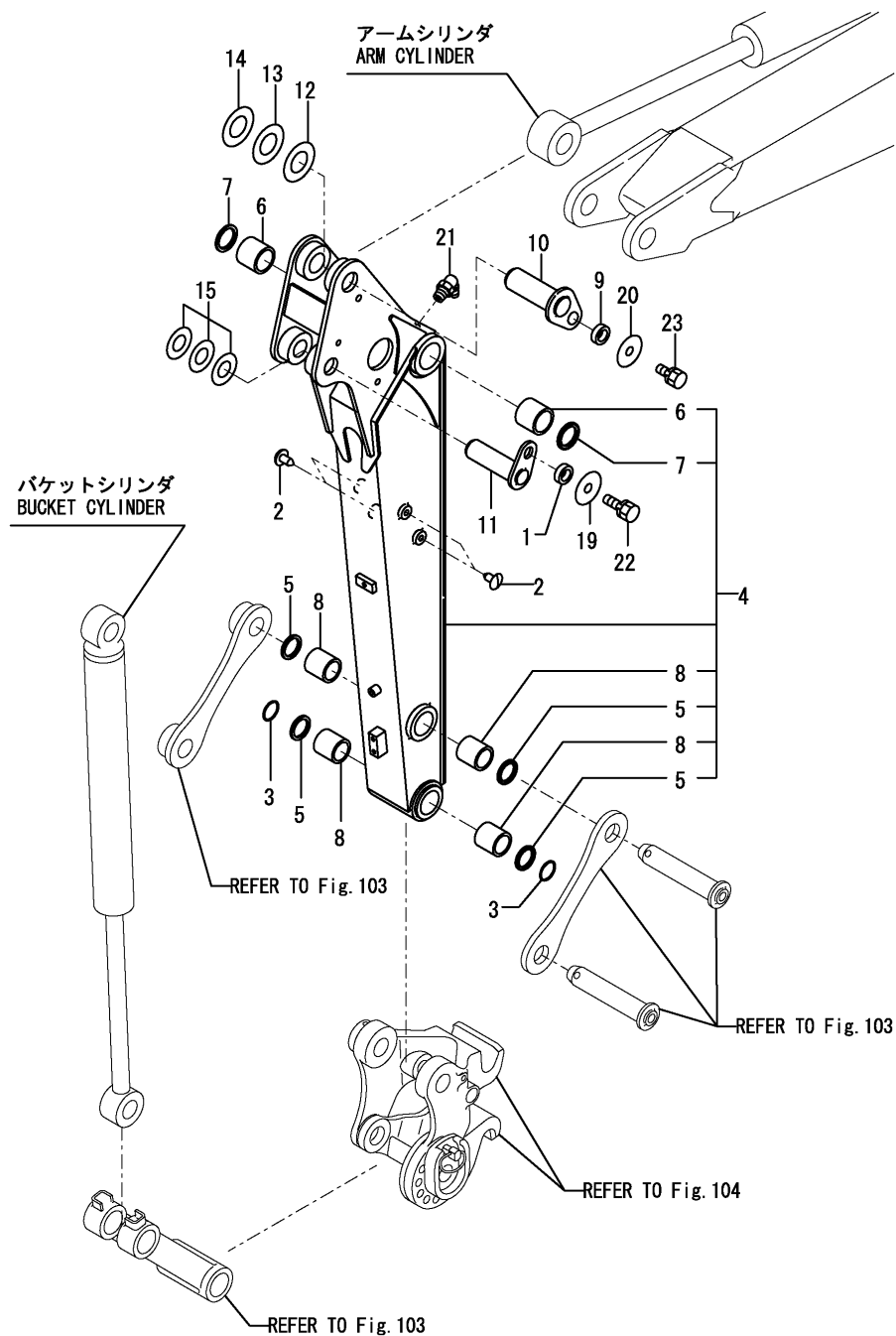
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	1	1						
2	1	172183-81160	CLIP, TREE	4	4						
3	1	172171-81270	O-RING, 61X6.0	2	2						
4	1	172456-81500	ARM ASSY, 950	1	1						
5	2	172171-81280	SEAL, DUST 35X45X4		4						
5-1	2	172448-81610	SEAL, DUST 35X45X4	4	4						R
(B=M/#21808)											
6	2	172456-81650	BUSHING 40X50X45	2	2						
7	2	172165-81750	SEAL, DUST 40X50X5		2						
7-1	2	172448-72650	SEAL, DUST	2	2						R
(B=M/#21808)											
8	2	172141-82270	BUSH 35 45	4	4						
9	1	172164-81670	SPACER	1	1						
10	1	172456-81770	PIN 40X116 ASSY	1	1						
11	1	172456-81810	PIN 35X116 ASSY	1	1						
12	1	172165-82580	SHIM	1	1						
13	1	172165-82590	SHIM	1	1						
14	1	172165-82600	SHIM	1	1						
15	1	172141-84601	SHIM	1	1						
19	1	22157-100000	WASHER, 10	1	1						
20	1	22157-120000	WASHER, 12	1	1						
21	1	24761-040000	NIPPLE, GREASE B	1	1						
22	1	26013-100252	BOLT, M10X 25	1	1						
23	1	26013-120252	BOLT, M12X 25	1	1						

Fig.101. ARM(LONG ARM SPEC.)

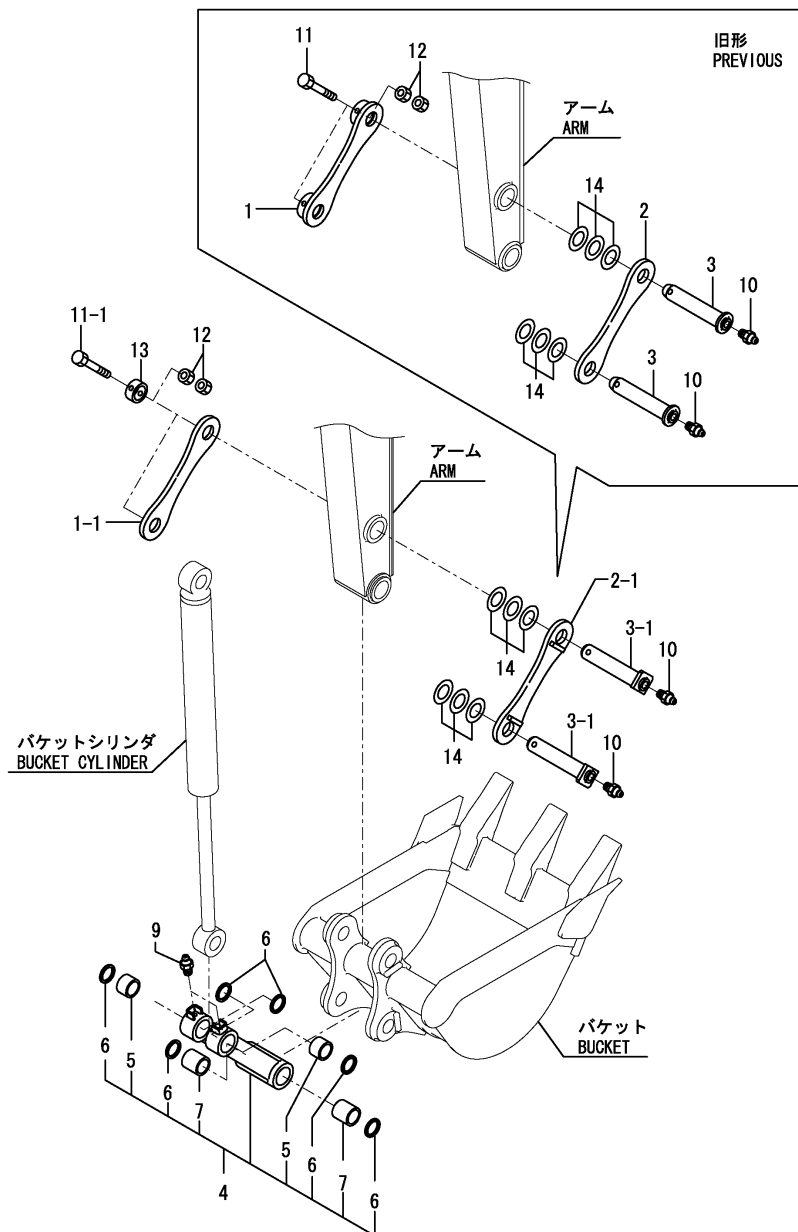


(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER		1						
2	1	172183-81160	CLIP, TREE		4						
3	1	172171-81270	O-RING, 61X6.0		2						
4	1	172164-81670	SPACER		1						
5	1	172456-81770	PIN 40X116 ASSY		1						
6	1	172456-81810	PIN 35X116 ASSY		1						
7	1	172165-82580	SHIM		1						
8	1	172165-82590	SHIM		1						
9	1	172165-82600	SHIM		1						
10	1	172456-83200	ARM ASSY		1						
11	2	172171-81280	SEAL, DUST 35X45X4		4						
11-1	2	172448-81610	SEAL, DUST 35X45X4		4						R
(B=M/#21808)											
12	2	172456-81650	BUSHING 40X50X45		2						
13	2	172165-81750	SEAL, DUST 40X50X5		2						
13-1	2	172448-72650	SEAL, DUST		2						R
(B=M/#21808)											
14	2	172141-82270	BUSH 35 45		4						
15	1	172141-84601	SHIM		1						
19	1	22157-100000	WASHER, 10		1						
20	1	22157-120000	WASHER, 12		1						
21	1	24761-040000	NIPPLE, GREASE B		1						
22	1	26013-100252	BOLT, M10X 25		1						
23	1	26013-120252	BOLT, M12X 25		1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172010-01640	SPACER	1	1		1				
2	1	172183-81160	CLIP, TREE	4	4		4				
3	1	172171-81270	O-RING, 61X6.0	2	2		2				
4	1	172956-81500	ARM ASSY	1	1		1				
5	2	172171-81280	SEAL, DUST 35X45X4		4						
5-1	2	172448-81610	SEAL, DUST 35X45X4	4	4		4			R	
(B=M/#21808)											
6	2	172456-81650	BUSHING 40X50X45	2	2		2				
7	2	172165-81750	SEAL, DUST 40X50X5		2						
7-1	2	172448-72650	SEAL, DUST	2	2		2			R	
(B=M/#21808)											
8	2	172141-82270	BUSH 35 45	4	4		4				
9	1	172164-81670	SPACER	1	1		1				
10	1	172456-81770	PIN 40X116 ASSY	1	1		1				
11	1	172456-81810	PIN 35X116 ASSY	1	1		1				
12	1	172165-82580	SHIM	1	1		1				
13	1	172165-82590	SHIM	1	1		1				
14	1	172165-82600	SHIM	1	1		1				
15	1	172141-84601	SHIM	1	1		1				
19	1	22157-100000	WASHER, 10	1	1		1				
20	1	22157-120000	WASHER, 12	1	1		1				
21	1	24761-040000	NIPPLE, GREASE B	1	1		1				
22	1	26013-100252	BOLT, M10X 25	1	1		1				
23	1	26013-120252	BOLT, M12X 25	1	1		1				



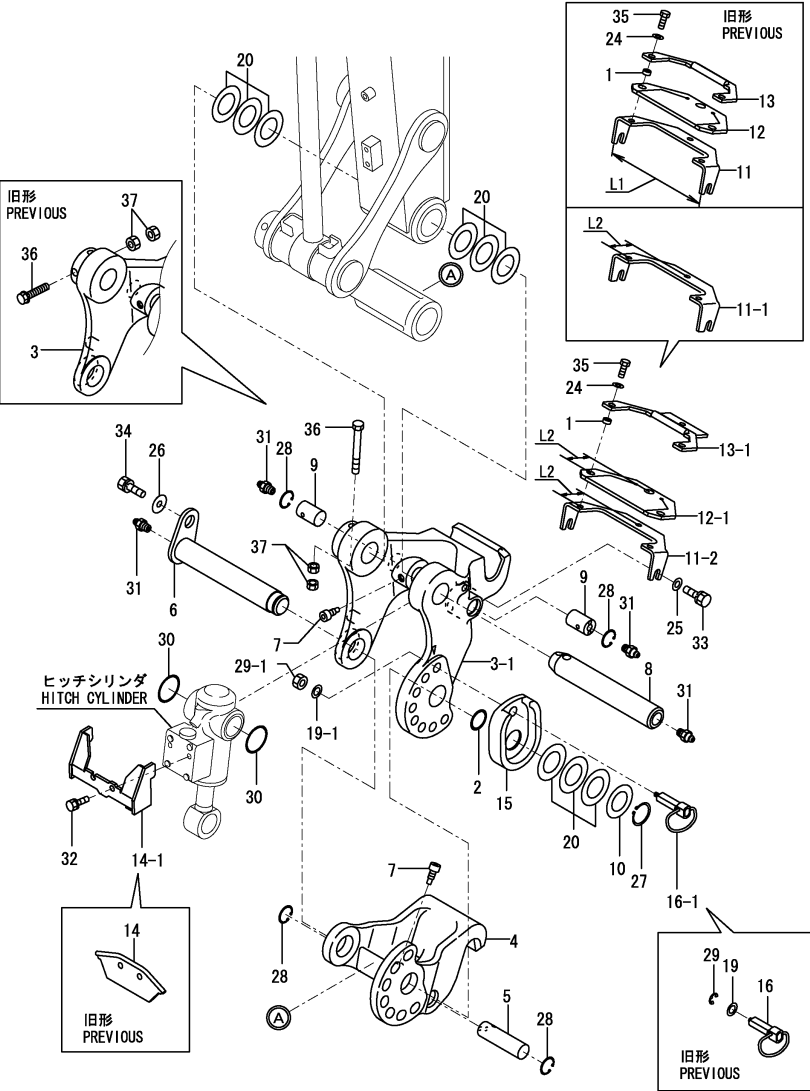
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172456-82700	ARM, BUCKET		1						
1-1	1	172456-82710	ARM, BUCKET (B=M/#22204)	1	1		1			S	1
2	1	172456-82710	ARM, BUCKET		1						
2-1	1	172456-82701	ARM, BUCKET (B=M/#22204)	1	1		1			S	1
3	1	172456-82830	PIN 35X160 ASSY		2						
3-1	1	172456-82831	PIN 35X160 ASSY (B=M/#22204)	2	2		2			S	1
4	1	172141-84402	BUCKET LINK		1						
4-1	1	172141-84403	LINK ASSY,BUCKET(97) (B=M/#21637)	1	1		1			R	
5	2	172141-72561	BUSH (35-45-30)	2	2		2				
6	2	172171-81280	SEAL, DUST 35X45X4		6						
6-1	2	172448-81610	SEAL, DUST 35X45X4 (B=M/#21637)	6	6		6			R	
7	2	172141-82270	BUSH 35 45	2	2		2				
9	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				
11	1	26116-100752	BOLT, M10X 75 PLATED		2						
11-1	1	26116-100652	BOLT, M10X 65 PLATED (B=M/#22204)	2	2		2			S	1
12	1	26716-100002	NUT, M10	4	4		4				
13	1	172171-81500	COLLAR, 35X48.6X22 (B=M/#22204)	2	2		2			W	1
14	1	172141-84601	SHIM	2	2		2				

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT.

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

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

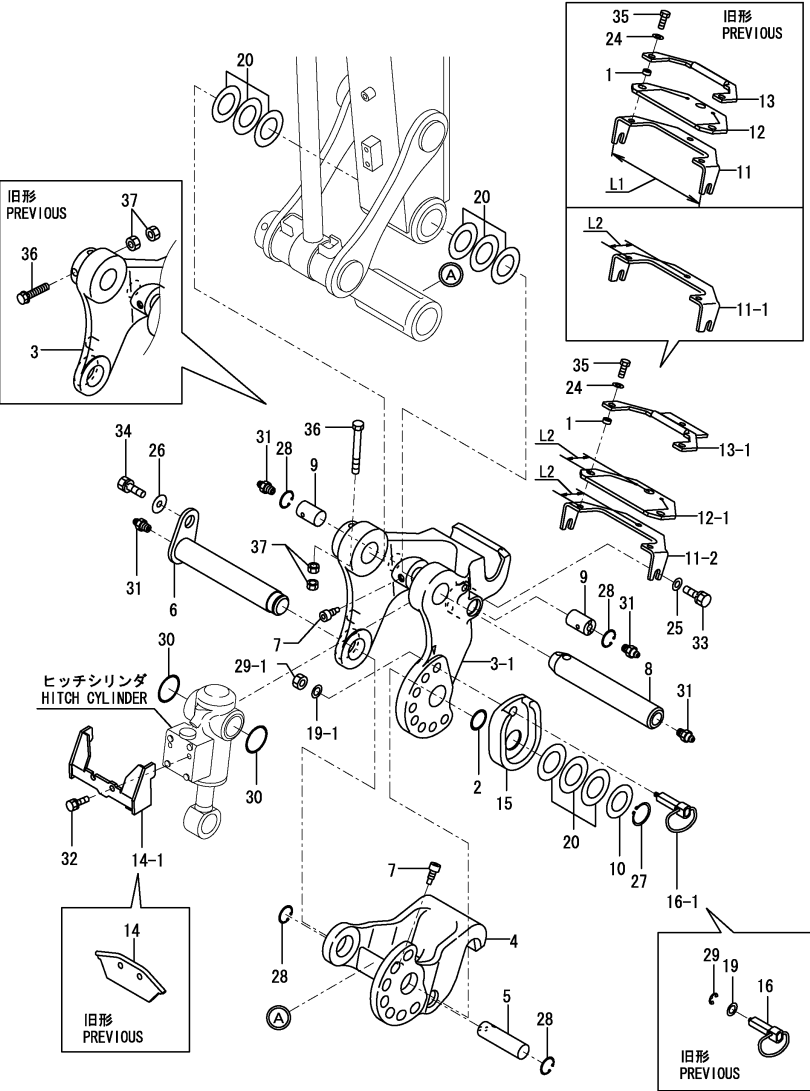


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17120	COLLAR		2						
1-1	1	172958-17120 (B=M/#21004)	COLLAR	3	3		3			K	
2	1	172124-46200	O-RING	1	1		1				
3	1	172956-83100	BRACKET A (GREEN:97)		1						
3-1	1	172956-83101 (B=M/#20945)	BRACKET A (GREEN:97)		1					F	2
3-2	1	172956-83102 (B=M/#25825)	BRACKET A (GREEN:97)	1	1		1			N	
4	1	172956-83110	BRACKET B (GREEN:97)		1						
4-1	1	172956-83111 (B=M/#20945)	BRACKET B (GREEN:97)		1					N	
4-2	1	172956-83112 (B=M/#25825)	BRACKET B (GREEN:97)	1	1		1			N	
5	1	172958-83130	PIN 25X86	1	1		1				
5-1	1	172958-83131 (A=M/#XXXXXX) (B=M/#XXXXXX) (D=M/#XXXXXX)	PIN 25X86	1	1		1			N	
6	1	172956-83140	PIN ASSY 35X213.5	1	1		1				
7	1	172958-83140	BOLT	3	3		3				
8	1	172956-83160	PIN 35X218	1	1		1				
9	1	172956-83200	PIN 25-38	2	2		2				
10	1	172956-83220	COLLAR, 32.5X55X2.3		1						
10-1	1	172956-83221 (B=M/#20980)	COLLAR, 32.5X55X1.2	1	1		1			N	
11	1	172956-83250	GUARD ASSY		1						
11-1	1	172956-83251 (B=M/#20945)	GUARD ASSY		1					N	
11-2	1	172956-83252 (B=M/#21004)	GUARD ASSY	1	1		1			F	3
12	1	172956-83280	PLATE, RUBBER		1						
12-1	1	172956-83281 (B=M/#21004)	PLATE, RUBBER	1	1		1			S	
13	1	172956-83290	PLATE (GREEN:97)		1						
13-1	1	172956-83291 (B=M/#21004)	PLATE ASSY		1					S	
14	1	172956-83310	COVER ASSY		1						
14-1	1	172958-83291 (B=M/#21004)	PLATE, GUADE (GREEN:97)	1	1		1			N	
15	1	172956-83350	PLATE, LOCK (GREEN:97)	1	1		1				
16	1	172956-83360	PIN ASSY, LOCK		1						
16-1	1	172956-83361 (B=M/#20881)	PIN ASSY, LOCK	1	1		1			S	1
19	1	172956-83380	WASHER, 8.4X14X1.5		1						
19-1	1	172956-83381 (B=M/#20881)	WASHER, 6.4X14X1.5	1	1		1			S	1
20	1	172141-84601	SHIM	3	3		3				
24	1	22137-080000	WASHER, 8		2						
24-1	1	22137-080000 (B=M/#21004)	WASHER, 8	3	3		3			K	
25	1	22137-100000	WASHER, 10	2	2		2				
26	1	22157-100000	WASHER, 10	1	1		1				

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.16-1, NO.19-1 & NO.29-1.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.11-1.
(3)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.12-1, 13-1.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=



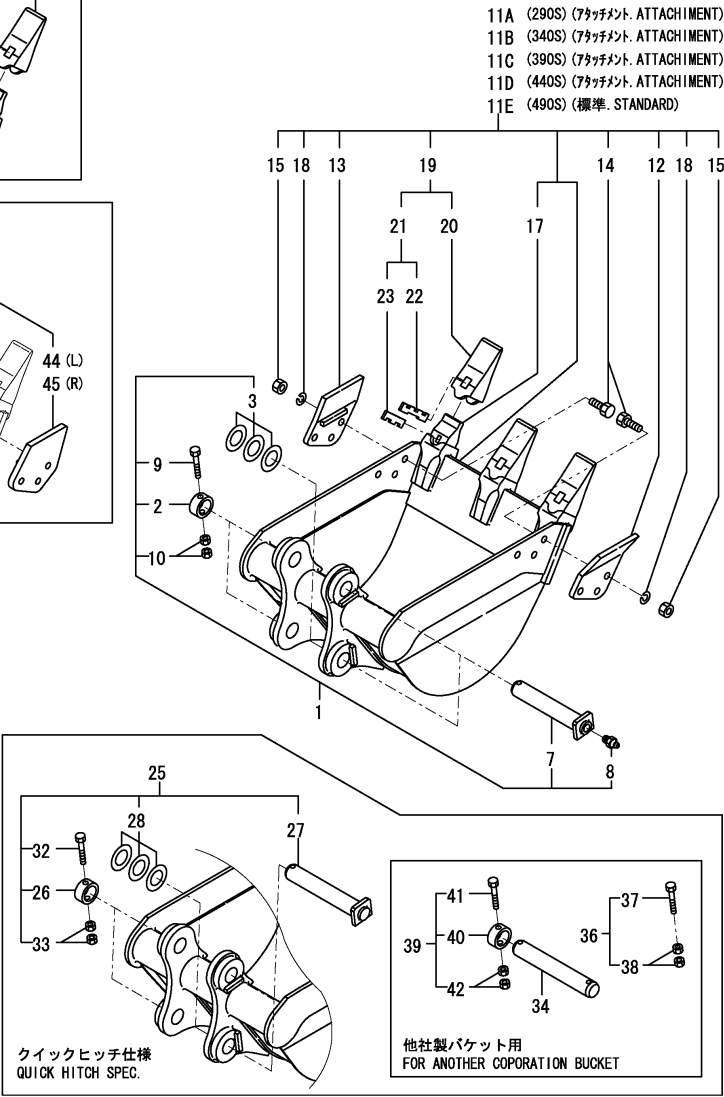
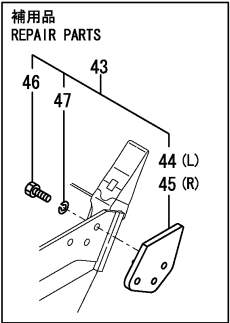
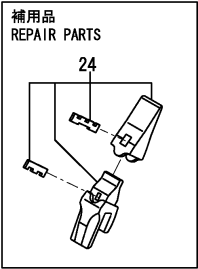
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	1	22242-000320	RING, 32	1	1		1				
28	1	22252-000250	RING, 25	4	4		4				
29	1	22273-000060	RING, E- 6			1					
29-1	1	26756-060002 (B=M/#20881)	NUT, LOCK M6	1	1		1			S	1
30	1	24311-000400	O-RING, 1AP40.0	2	2		2				
31	1	24761-020000	NIPPLE, GREASE PT1/8	4	4		4				
32	1	26013-080162	BOLT, M8X 16	2	2		2				
33	1	26013-100202	BOLT, M10X 20	2	2		2				
34	1	26013-100252	BOLT, M10X 25	1	1		1				
35	1	26116-080202	BOLT, M8X 20 PLATED		2						
35-1	1	26116-080202	BOLT, M8X 20 PLATED	3	3		3			K	
		(B=M/#21004)									
36	1	26116-100802	BOLT, M10X 80 PLATED	1	1		1				
37	1	26716-100002	NUT, M10	2	2		2				

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.16-1, NO.19-1 & NO.29-1.
(2)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.11-1.
(3)INTERCHANGEABLE BY SIMULTANEOUS REPLACEMENT WITH REF.NO.12-1, 13-1.

OCK10-M37602 IMPLEMENT
Fig.105. BUCKET(S-TYPE)

(A)=VIO20-2
(B)=VIO20-2
(C)=VIO20-2

(D)=VIO20-2
(E)=VIO20-2
(F)=

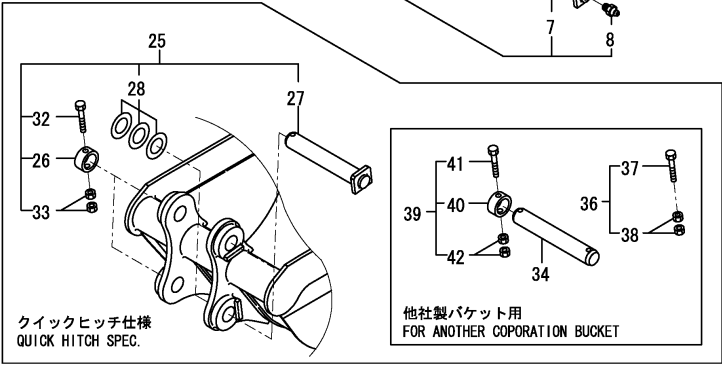
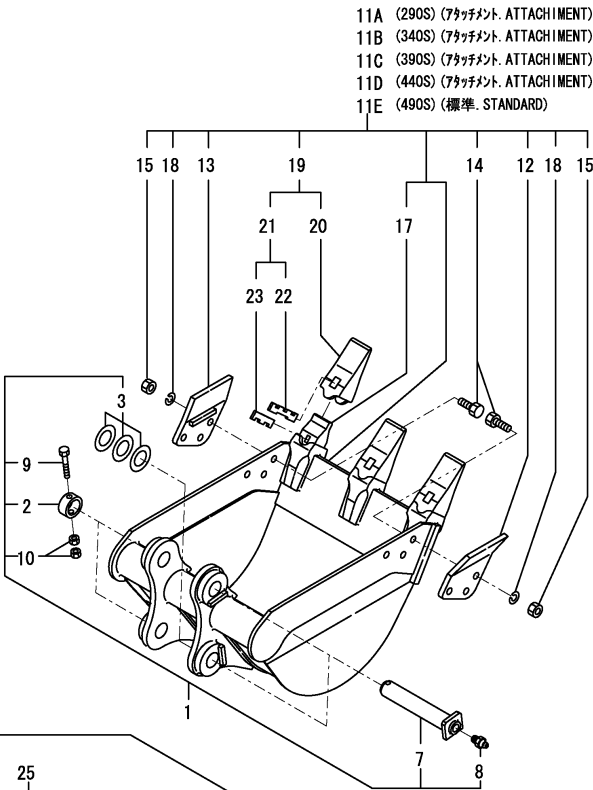
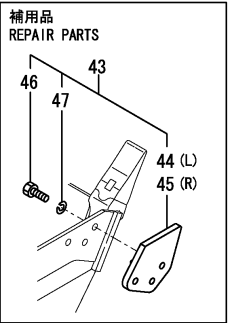
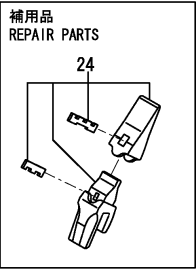


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-82900	PIN KIT, BUCKET	2	2	2	2	2			1
2	2	172171-81500	COLLAR, 35X48.6X22	2	2	2	2	2			
3	2	172141-84601	SHIM	2	2	2	2	2			
7	2	172141-86252-1	PIN 35-195	2	2	2	2	2			
8	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2			
9	2	26116-100652	BOLT, M10X 65 PLATED	2	2	2	2	2			
10	2	26716-100002	NUT, M10	4	4	4	4	4			
11A	1	172456-82100	BUCKET ASSY	1							2
11A-1	1	172456-82101	BUCKET ASSY	1						R	2
(A=M/#21637)											
11B	1	172456-82170	BUCKET ASSY		1						2
11B-1	1	172456-82171	BUCKET ASSY		1					R	2
(B=M/#21637)											
11C	1	172456-82240	BUCKET ASSY			1					2
11C-1	1	172456-82241	BUCKET ASSY			1				R	2
(C=M/#21637)											
11D	1	172456-82420	BUCKET ASSY				1				2
11D-1	1	172456-82421	BUCKET ASSY				1			R	2
(D=M/#21637)											
11E	1	172456-82500	BUCKET ASSY, 490S					1			1
11E-1	1	172456-82501	BUCKET ASSY, 490S					1		R	1
(E=M/#21637)											
12	2	172458-82240	CUTTER, SIDE	1	1	1	1	1			
13	2	172458-82260	CUTTER, SIDE	1	1	1	1	1			
14	2	172458-82280	BOLT	6	6	6	6	6			
15	2	172458-82290	NUT	6	6	6	6	6			
17	3	172458-82230	ADAPTER	2	3	3	3	3			
17-1	3	172448-82530	ADAPTER	2	3	3	3	3		N	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
18	2	22217-140000	WASHER, SPRING 14	6	6	6	6	6			
19	2	172165-86500	TOOTH KIT, POINT	2	3	3	3	3			
19-1	2	172448-82950-1	TOOTH KIT, POINT	2	3	3	3	3		R	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
20	3	172151-81600-4	TOOTH, POINT	2	3	3	3	3			
20-1	3	172448-82570	TOOTH, POINT	2	3	3	3	3		R	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
21	3	172151-81620	PIN ASSY, LOCK	2	3	3	3	3			
21-1	3	172448-82960	PIN ASSY, LOCK	2	3	3	3	3		R	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
22	4	172151-81630	PIN	2	3	3	3	3			
22-1	4	172448-82580	PIN, LOCK	2	3	3	3	3		R	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
23	4	172151-81640	LOCK,RUBBER BIN	2	3	3	3	3			
23-1	4	172448-82590	RUBBER, PIN	2	3	3	3	3		R	
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
24	1	772458-82230	TOOTH ASSY	2	3	3	3	3			3
24-1	1	772448-82530	TOOTH ASSY	2	3	3	3	3		R	3
(A=M/#21637) (B=M/#21637) (C=M/#21637) (D=M/#21637) (E=M/#21637)											
25	1	172956-81600	PIN KIT,BUCKET(QUICK	2	2	2	2	2			4
26	2	172171-81500	COLLAR, 35X48.6X22	2	2	2	2	2			
27	2	172956-83120	PIN 35-195 ASSY	2	2	2	2	2			

OCK10-M37602 IMPLEMENT
Fig.105. BUCKET(S-TYPE)

(A)=VIO20-2
(B)=VIO20-2
(C)=VIO20-2

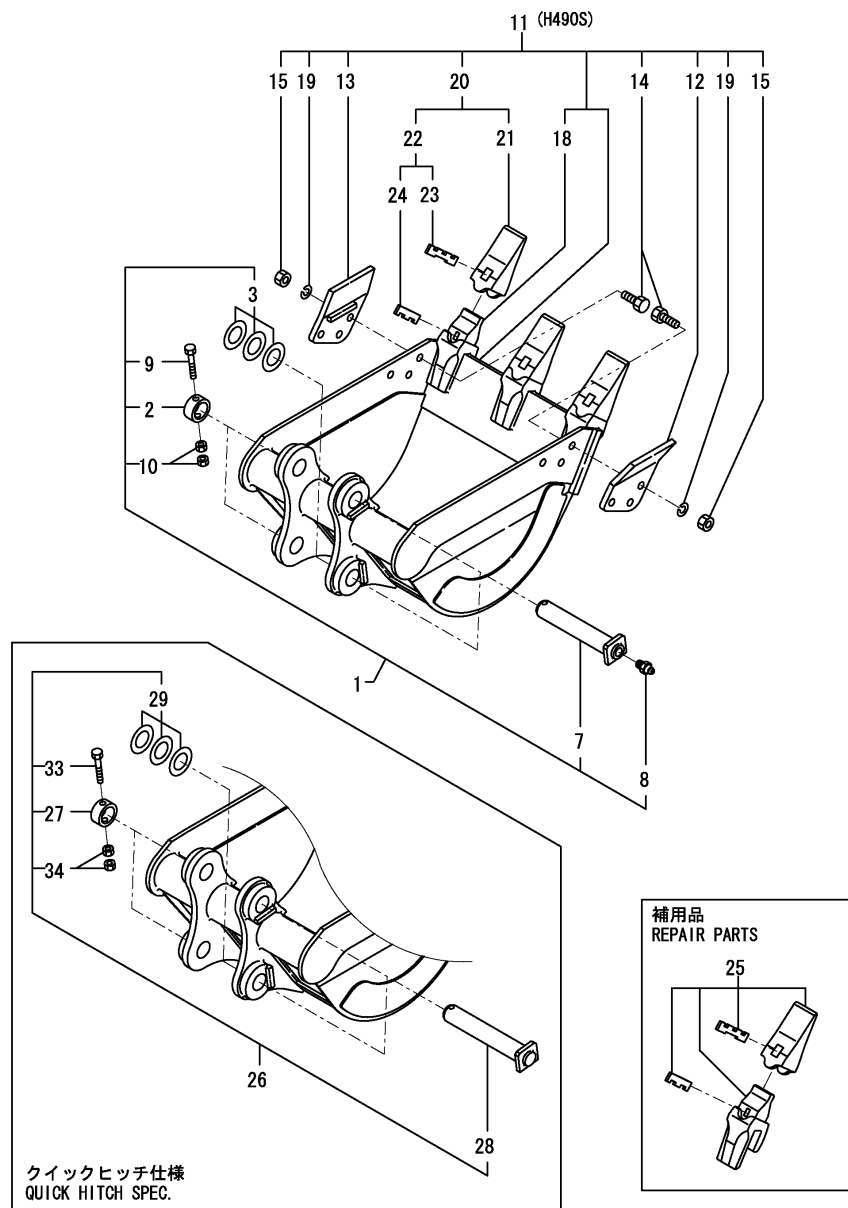
(D)=VIO20-2
(E)=VIO20-2
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28	2	172141-84601	SHIM	2	2	2	2	2			
32	2	26116-100652	BOLT, M10X 65 PLATED	2	2	2	2	2			
33	2	26716-100002	NUT, M10	4	4	4	4	4			
34	1	172956-08120	BUCKET PIN KIT Q30	1	1	1	1	1			4
36	1	172956-08130	BOLT KIT 10X85	1	1	1	1	1			4
37	2	26116-100852	BOLT, M10X 85 PLATED	1	1	1	1	1			
38	2	26716-100002	NUT, M10	2	2	2	2	2			
39	1	172956-08140	BOLT KIT 10X60	1	1	1	1	1			4
40	2	172149-83220	COLLAR, 30X42.7X22	1	1	1	1	1			
41	2	26116-100602	BOLT, M10X 60 PLATED	1	1	1	1	1			
42	2	26716-100002	NUT, M10	2	2	2	2	2			
43	1	172142-86500	CUTTER KIT, SIDE	1	1	1	1	1		W	3
(A=M/#20501) (B=M/#20501) (C=M/#20501) (D=M/#20501) (E=M/#20501)				1	1	1	1	1			
44	2	172142-86510-4	CUTTER, SIDE	1	1	1	1	1			
45	2	172142-86520-4	CUTTER, SIDE	1	1	1	1	1			
46	2	172142-86540	BOLT M14X 30	6	6	6	6	6			
47	2	22217-140000	WASHER, SPRING 14	6	6	6	6	6			

Remarks
(1)STANDARD SPEC.
(2)ATTACHMENT.
(3)REPAIR KIT.
(4)QUICK HITCH SPEC.

Fig.106. BUCKET(H-TYPE)



(1)STANDARD SPEC.
(2)REPAIR KIT.
(3)QUICK HITCH SPEC.

(A)=VIO20-2
(B)=
(C)=

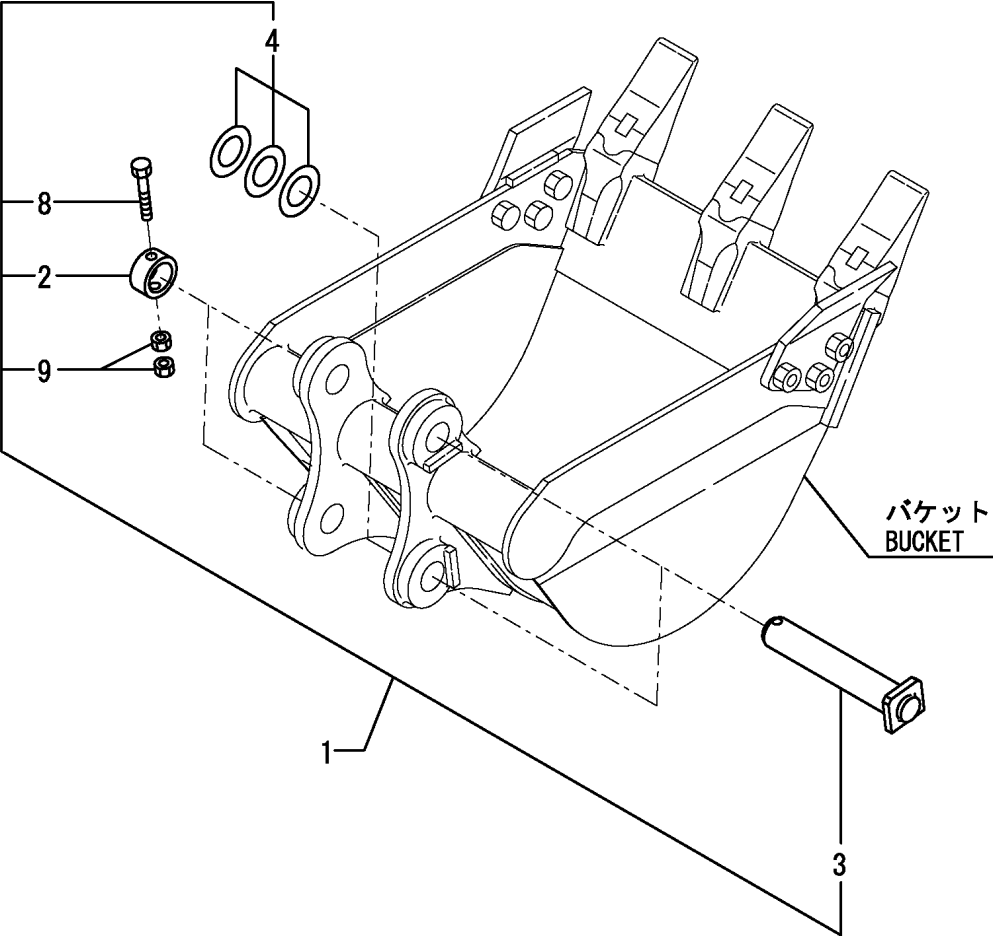
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-82900	PIN KIT, BUCKET	2							1
2	2	172171-81500	COLLAR, 35X48.6X22	2							
3	2	172141-84601	SHIM	2							
7	2	172141-86252-1	PIN 35-195	2							
8	2	24761-020000	NIPPLE, GREASE PT1/8	2							
9	2	26116-100652	BOLT, M10X 65 PLATED	2							
10	2	26716-100002	NUT, M10	4							
11	1	172456-82750	BUCKET ASSY	1							
12	2	172458-82240	CUTTER, SIDE	1							
13	2	172458-82260	CUTTER, SIDE	1							
14	2	172458-82280	BOLT	6							
15	2	172458-82290	NUT	6							
18	4	172458-82230	ADAPTER	3							
19	2	22217-140000	WASHER, SPRING 14	6							
20	2	172165-86500	TOOTH KIT, POINT	3							
21	3	172151-81600-4	TOOTH, POINT	3							
22	3	172151-81620	PIN ASSY, LOCK	3							
23	4	172151-81630	PIN	3							
24	4	172151-81640	LOCK,RUBBER BIN	3							
25	1	772458-82230	TOOTH ASSY	3							2
26	1	172956-81600	PIN KIT,BUCKET(QUICK	2							3
27	2	172171-81500	COLLAR, 35X48.6X22	2							
28	2	172956-83120	PIN 35-195 ASSY	2							
29	2	172141-84601	SHIM	2							
33	2	26116-100652	BOLT, M10X 65 PLATED	2							
34	2	26716-100002	NUT, M10	4							

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

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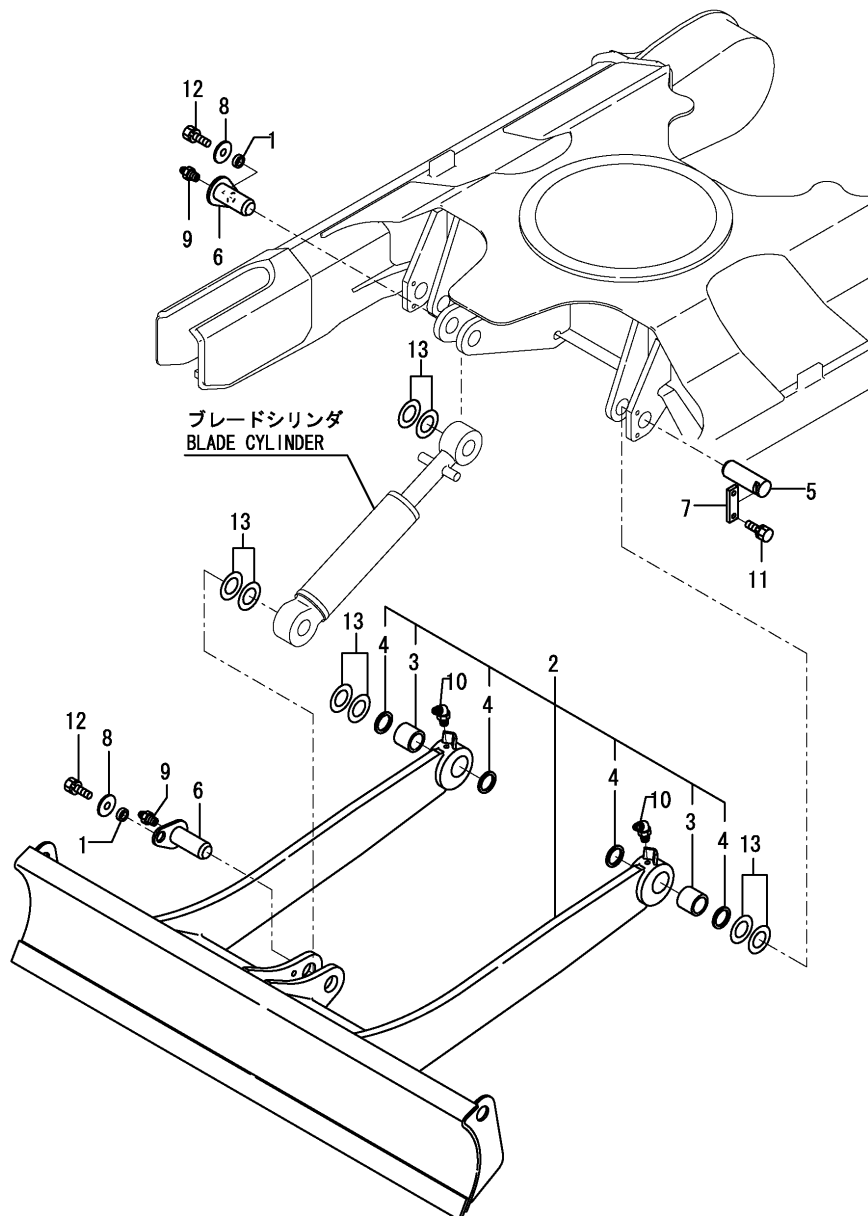
Fig.107. BUCKET PIN(QUICK HITCH SPEC.)



(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

0CK10-M37602 Fig.107
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-81600	PIN KIT, BUCKET(QUICK				2				
2	1	172171-81500	COLLAR, 35X48.6X22				2				
3	1	172956-83120	PIN 35-195 ASSY				2				
4	1	172141-84601	SHIM				2				
8	1	26116-100652	BOLT, M10X 65 PLATED				2				
9	1	26716-100002	NUT, M10				4				



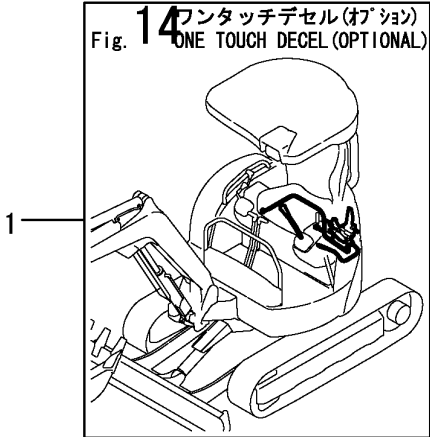
No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172164-81670	SPACER	2	2		2			
2	1	172456-94100	BLADE (GREEN:88)		1					
2-1	1	172456-94101	BLADE ASSY(GREEN:88)	1	1		1			R
(B=M/#21637)										
2-2	1	172456-94090	BLADE ASSY(GREEN:88)	1	1		1			N
(A=XXX)		(B=XXX)		(D=XXX)						
3	2	172168-72240	BUSH 38X50X40	2	2		2			
4	2	172168-81270	SEAL, DUST	4	4		4			
5	1	172422-94210	PIN 38X 114	2	2		2			
6	1	172141-94271	PIN 38-94	2	2		2			
7	1	172124-94310	PLATE, LOCK	2	2		2			
8	1	22157-120000	WASHER, 12	2	2		2			
9	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2			
10	1	24761-040000	NIPPLE, GREASE B	2	2		2			
11	1	26013-100252	BOLT, M10X 25	4	4		4			
12	1	26013-120302	BOLT, M12X 30	2	2		2			
13	1	933171-29751	SHIM SET	4	4		4			

Fig.109. ONE TOUCH DECEL KIT(OPTIONAL)

P/C NEWS No:Y00K3762-4
PUBLISHED:2007/06

172456-08200
デセルキット
DECEL KIT

エンジンコントロールの標準仕様に
ワンタッチデセル機能を追加する為の
リンクとワイヤーの改裝部品です。
LINK & WIRE PARTS IN ORDER
TO ADD ONE-TOUCH DECEL
SYSTEM TO STANDARD SPEC.
OF ENGINE CONTROL.



Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

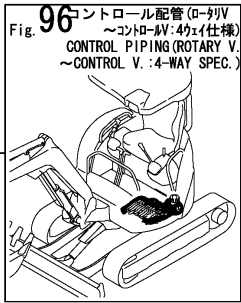
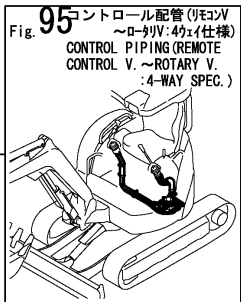
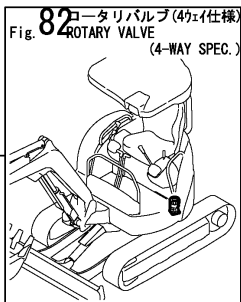
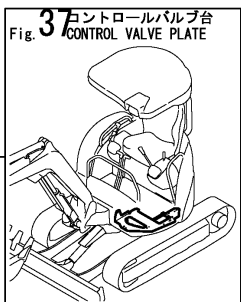
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08200	DECELERATE KIT	1	1						1
2	2	172456-12100	CABLE, ACCELERATOR	1	1						
3	2	172164-12160	LINK B CMP	1	1						
5	3	24550-014200	BUSH, 14X20	1	1						
6	2	172164-12200	SHAFT ASSY	1	1						
7	2	172456-12200	BASE ASSY	1	1						
9	3	24550-014200	BUSH, 14X20	1	1						
10	2	172175-12230	LINK A	1	1						
11	2	172175-12350	SPRING, RETURN	1	1						
12	2	172175-12360	CABLE, ACCELERATOR	1	1						
13	2	172175-12370	PLATE	1	1						
14	2	172456-14660	BRACKET	1	1						
15	2	172137-16560	BAND	1	1						
16	2	172460-16570	HARNESS DECEL ASSY	1	1						
18	3	29420-200000	FUSE, B 20A	2	2						
19	2	172460-17110	BRACKET, TIMER	1	1						
20	2	172162-17180	SOLENOID	1	1						
21	2	172190-17220	RELEY, TIMER	1	1						
22	2	172190-45080	LEVER L CMP(DECEL	1	1						
23	2	172176-47870	KNOB	1	1						
24	2	1C6281-52310	PIN, SNAP 6	6	6						
25	2	1A3809-56915	PIN, 6X20	1	1						
26	2	119620-66820	JOINT	1	1						
26-1	2	172A21-12250	JOINT	1	1						N
(A=XXX) (B=XXX)											
27	2	22137-060000	WASHER, 6	7	7						
28	2	22217-100000	WASHER, SPRING 10	1	1						
29	2	22351-040025	PIN, SPRING 4.0X25	1	1						
30	2	24311-000210	O-RING, 1AP21.0	4	4						
31	2	26013-060162	BOLT, M6X 16	2	2						
32	2	26013-080202	BOLT, M8X 20	2	2						
33	2	26013-120252	BOLT, M12X 25	2	2						
34	2	26022-060252	SCREW, M6X25	2	2						
35	2	26116-100162	BOLT, M10X 16 PLATED	1	1						
36	2	26587-040062	SCREW, M4X 6	1	1						
37	2	26716-060002	NUT, M6	1	1						
38	2	933152-09280	BAND 170	6	6						
39	2	933166-17730	WASHER	1	1						
40	2	933168-55770	BAND 146	2	2						

Fig.110. 4-WAY MULTI VALVE KIT(OPTIONAL)

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I R
1	1	172456-08510	4-WAY MULTI V.KIT		1					1
1-1	1	172A02-08510	MULTI KIT, 4-WAY (B=M/#22501)	1	1				N	1



172456-08510
172A02-08510
4ウェイマルチバルブキット
4-WAY MULTI VALVE KIT

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
バルブ等を追加する為の部品です。
CUTOFF VALVE PARTS, ECT. WHICH CAN CHANGE
FROM STANDARD OPERATION PATTERN
(JIS. YANMAR PATTERN) TO ANOTHER CORPORATION
PATTERN PROMPTLY.

Remarks
(1)REFER TO EACH FIGURE, SHOWING
DETAILS OF KIT PARTS.

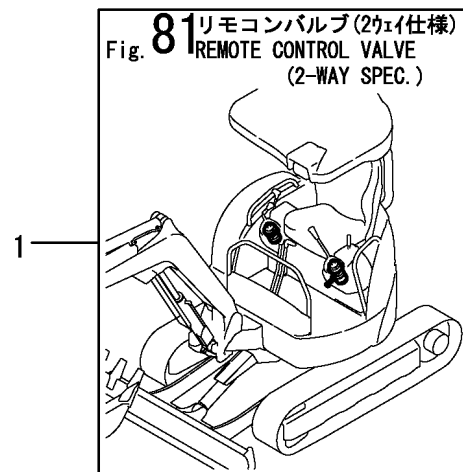
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.111. 2-WAY MULTI VALVE KIT(OPTIONAL)

172458-08530
2ウェイマルチバルブキット
2-WAY MULTI VALVE KIT

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。
CUTOFF VALVE PARTS, ECT. WHICH CAN CHANGE
FROM STANDARD OPERATION PATTERN
(JIS. YANMAR PATTERN) TO KOMATSU
PATTERN PROMPTLY.



1

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-08530	VALVE KIT, 2-WAY	1	1						1
2	2	172458-03550	LABEL	1	1						
3	2	172458-03560	LABEL	1	1						
4	2	172458-03570	LABEL	1	1						
5	2	172458-08540	LEVER ASS,2W	1	1						
6	3	1C6141-35370	SPRING, LOCK	1	1						
7	3	172458-74470	SHAFT	1	1						
8	3	172458-74480	SLEEVE	1	1						
9	3	172458-74490	KNOB, LEVER	1	1						
10	3	26712-080002	NUT, M8	1	1						

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

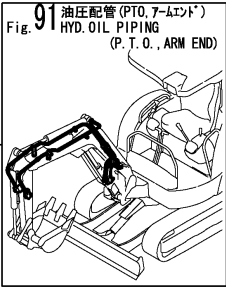
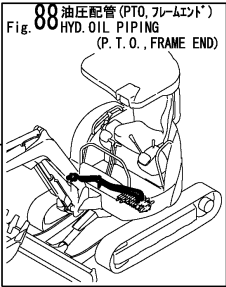
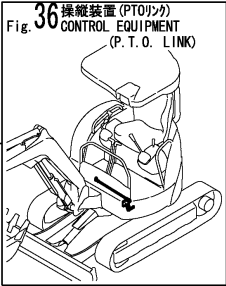
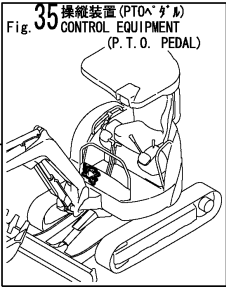
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08700	PTO KIT	1	1						1
1-1	1	172456-08701	PTO KIT	1	1					R	1
		(A=MZZZZZ)	(B=MZZZZZ)								

PTOキット
P.T.O. KIT
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
を加える改裝部品です。
PARTS IN ORDER TO ADD PIPING,
LINK & COVER TO STANDARD SPEC.
WITH NO P.T.O. PIPING.

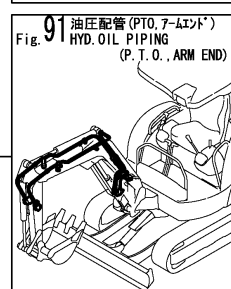


Remarks
(1)Refer to each figure, showing
details of kit parts.

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08710	PTO KIT, LONG ARM		1						1
1-1	1	172456-08711	PTO KIT, LONG ARM		1						R 1
(B=MZZZZZ)											



P.T.O.キット(ロングアーム仕様)
 P.T.O. KIT(LONG ARM SPEC.)
 P.T.O.配管のまったく付いていない
 ロングアーム仕様に配管、リンク及び
 カバーを加える改装部品です。
 PARTS IN ORDER TO ADD PIPING,
 LINK & COVER TO LONG ARM SPEC.
 WITH NO P.T.O. PIPING.

1-

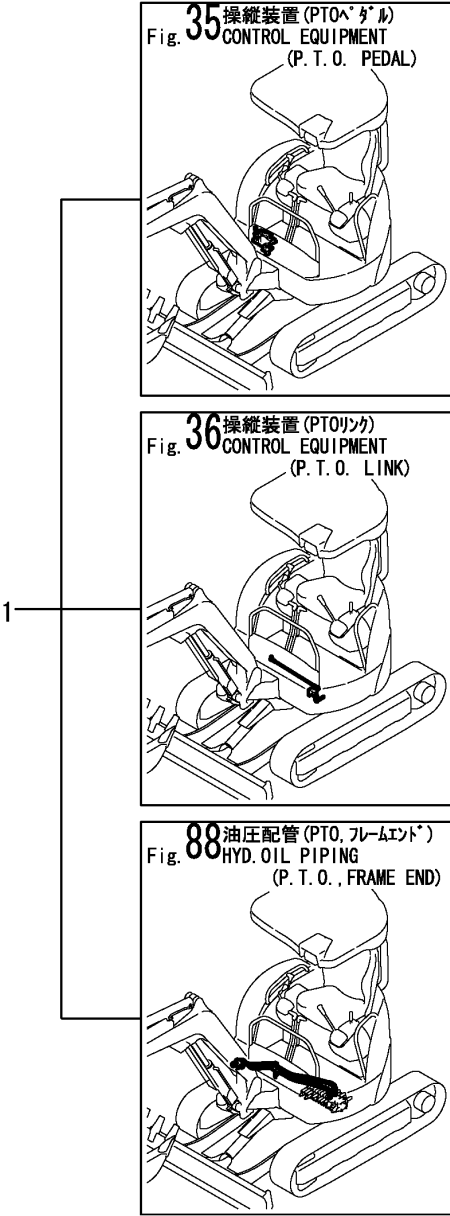
Remarks	(1)Refer to each figure, showing details of kit parts.
---------	--

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

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Fig.114. P.T.O. KIT(FRAME END)(OPTIONAL)

(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=



172456-08720
P T Oキット (フレームエンド)
P . T . O . K I T (F R A M E E N D)

P T O配管のまったく付いていない
標準仕様に、フレームエンドまでの
配管、リンク及びカバーを加える
改裝部品です。
P A R T S I N O R D E R T O A D D P I P I N G ,
L I N K & C O V E R O F R E A M E E N D
T O S T A N D A R D S P E C .
W I T H N O P . T . O . P I P I N G .

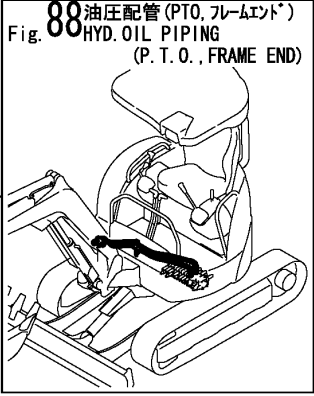
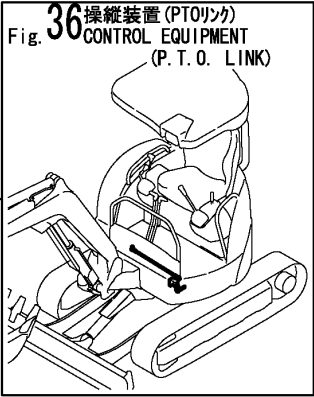
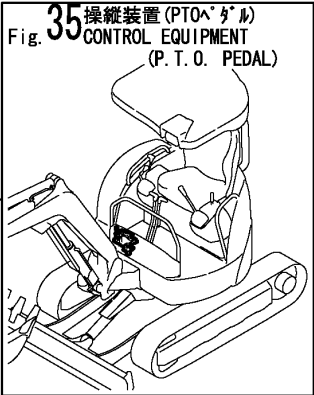
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08720	PTO KIT	1	1						1
2	2	172490-03210	LABEL, P.T.O.	1	1						
3	2	172458-03240	LABEL, LOCK	1	1						
4	2	172068-28490	SPRING	2	2						
5	2	172068-28490	SPRING	2	2						
6	2	172110-36010	COLLAR	2	2						
7	2	194200-37780	NUT, M8	1	1						
8	2	172734-41300	JOINT, BALL	1	1						
9	2	172823-45000	ROD 54, SPOOL	1	1						
10	2	172456-45170	ROD, P.T.O.	1	1						
11	2	1A1040-45890	WASHER, 10X36X4.5	2	2						
12	2	172458-46100	LINK ASSY, PTO	1	1						
13	3	172141-41370	BUSH 2015	2	2						
15	2	172458-46121	LINK ASSY, PTO	1	1						
16	3	172141-41370	BUSH 2015	2	2						
18	2	172458-46150	BRACKET, P.T.O. (72)	1	1						
19	2	172124-46200	O-RING	4	4						
20	2	172458-46230	PEDAL A (GRAY:72)	1	1						
21	3	172141-41360	BUSH 1415	2	2						
22	3	172110-45050	BUSH 12X12	2	2						
24	2	172458-46280	PEDAL B (72)	1	1						
25	2	172458-46290	PLATE	1	1						
26	2	172458-46350	PLATE, LOCK (GRAY:72)	1	1						
27	2	172458-46371	BASE, PEDAL (BLACK:12)	1	1						
29	3	172458-46380	RUBBER	1	1						
30	2	172187-46400-4	BRACKET (GRAY:72)	1	1						
31	2	172187-46430	SHAFT	1	1						
32	2	172122-46590	ELBOW	4	4						
33	2	172116-46630	KNOB, LEVER	1	1						
34	2	1A6380-48870	CAP, G3/8	1	1						
35	2	172137-75570	ADAPTER, PF1/2	1	1						
36	2	172162-76130	ADAPTER	1	1						
37	2	172422-76180	CONNECTOR, PF3/8X1/2	1	1						
38	2	172456-76800	TUBE	1	1						
39	2	172456-76880	PLATE (GREEN:97)	1	1						
40	2	172456-78960	HOSE H208BC056	1	1						
41	2	172456-78970	HOSE H206BC058	1	1						
42	2	22117-080000	WASHER, 8	3	3						
43	2	22137-080000	WASHER, 8	1	1						
44	2	22137-080000	WASHER, 8	1	1						
45	2	22217-100000	WASHER, SPRING 10	2	2						
46	2	22417-160160	PIN, COTTER 1.6X16	1	1						
47	2	24311-000210	O-RING, 1AP21.0	2	2						
48	2	24315-000140	O-RING, 1BP14.0	2	2						
49	2	24761-050000	NIPPLE, GREASE C	2	2						
50	2	26013-080162	BOLT, M8X 16	1	1						
51	2	26013-080162	BOLT, M8X 16	3	3						
52	2	26013-080252	BOLT, M8X 25	2	2						
53	2	26013-100202	BOLT, M10X 20	2	2						
54	2	26013-100202	BOLT, M10X 20	2	2						
55	2	26013-100252	BOLT, M10X 25	2	2						

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

Fig.114. P.T.O. KIT(FRAME END)(OPTIONAL)

(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
56	2	26051-080002	NUT, M8	7	7						
57	2	26116-080254	BOLT, M8X 25 PLATED	1	1						
58	2	26116-080304	BOLT, M8X 30 PLATED	1	1						
59	2	26658-080002	NUT, CAP M8	1	1						
60	2	26716-080002	NUT, M8	1	1						
61	2	26756-080002	NUT, LOCK M8	2	2						
62	2	26756-080002	NUT, LOCK M8	1	1						
63	2	26756-080002	NUT, LOCK M8	1	1						
64	2	933110-54100	PIN 4.75X14	1	1						
65	2	26116-100202	BOLT, M10X 20 PLATED	2	2						



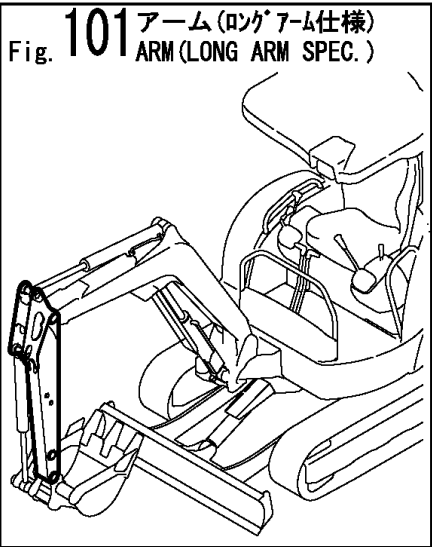
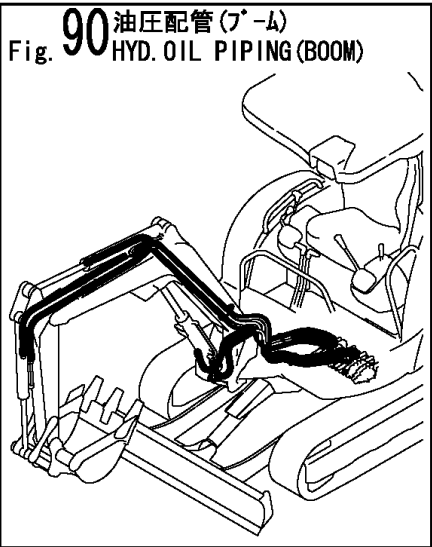
172456-08720
P T Oキット (フレームエンド)
P. T. O. KIT (FRAME END)

P T O配管のまったく付いていない
標準仕様に、フレームエンドまでの
配管、リンク及びカバーを加える
改裝部品です。
PARTS IN ORDER TO ADD PIPING,
LINK & COVER OF REAME END
TO STANDARD SPEC.
WITH NO P. T. O. PIPING.

1

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

Fig.115. LONG ARM KIT(OPTIONAL)



172456-08800
ロングアームキット
LONG ARM KIT

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

OCK10-M37602 Fig.115
(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08800	ARM KIT, LONG	1	1						1
2	2	172010-01640	SPACER	1	1						
3	2	172456-78510	HOSE H206BB094W	2	2						
4	2	172183-81160	CLIP, TREE	4	4						
5	2	172171-81270	O-RING, 61X6.0	2	2						
6	2	172164-81670	SPACER	1	1						
7	2	172456-81770	PIN 40X116 ASSY	1	1						
8	2	172456-81810	PIN 35X116 ASSY	1	1						
9	2	172165-82580	SHIM	1	1						
10	2	172165-82590	SHIM	1	1						
11	2	172165-82600	SHIM	1	1						
12	2	172456-83200	ARM ASSY	1	1						
13	3	172171-81280	SEAL, DUST 35X45X4		4						
13-1	3	172448-81610	SEAL, DUST 35X45X4	4	4						R
(B=M/#21808)											
14	3	172456-81650	BUSHING 40X50X45	2	2						
15	3	172165-81750	SEAL, DUST 40X50X5		2						
15-1	3	172448-72650	SEAL, DUST	2	2						R
(B=M/#21808)											
16	3	172141-82270	BUSH 35 45	4	4						
17	2	172141-84601	SHIM	1	1						
21	2	22157-100000	WASHER, 10	1	1						
22	2	22157-120000	WASHER, 12	1	1						
23	2	24761-040000	NIPPLE, GREASE B	1	1						
24	2	26013-100252	BOLT, M10X 25	1	1						
25	2	26013-100252	BOLT, M10X 25	1	1						

Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	18	26
102103-55520	18	21
104200-11920	17	16
104200-55321	18	17
104200-55330	18	18
104200-55341	18	19
104200-55750	18	27
110250-55610	18	22
119247-77100	21	38
119255-44660	16	39
119620-66820	14	26
	109	26
119650-77910	21	41
119808-12520	12	11 -1
119808-12540	12	12
119813-44510	16	23
121250-49121	16	3
121256-44600	16	38
121257-55720	18	23
121257-55731	18	24
121470-44540	1	35
	2	35
	3	35
124064-55510	18	20
124450-44550	16	37
124465-44950	24	15
124764-44810	5	50
124764-44920	5	51
124766-59050	16	9
	17	27
	18	31
	83	7
129136-77200	21	39
129155-77810	21	40
129211-77920	21	44
129335-55700	18	16
129612-52100	18	15
129619-12520	12	11
171081-55910	18	28
172010-01640	100	1
	101	1
	102	1
	115	2
172068-28490	35	2
		3
	114	4
		5
172110-36010	25	12
	88	4
	114	6

Parts No.	Fig. No.	Ref. No.
172110-45050	35	11
	114	22
172110-76170-4	92	8
172113-12522	13	6
172116-46630	35	22
	114	33
172116-75850	83	21
172116-76381	86	20
		20 -1
		23
172122-14620	18	10
172122-37843	26	20
172122-37844	26	20 -1
172122-46590	30	25
	33	30
	35	21
	36	11
	114	32
172122-55061	49	2
	50	2
	54	3
172122-70350	71	26
		27
172122-73430	71	38
172122-73470	71	51
172122-73480	71	61
172122-79930	18	32
	84	18
	86	21
	87	30
	90	13
		15
	92	6
	94	4
	95	18
172123-76121	87	3
	89	5
	93	1
	94	1
		2
		3
	95	1
	96	1
		2
		11
172124-17640	24	8
172124-46200	29	3
	30	15
	33	9
	35	8

Parts No.	Fig. No.	Ref. No.
172124-46200	36	10
	104	2
	114	19
172124-65480	51	18
172124-94310	108	7
172125-03950	5	49
172126-11510	18	37 -1
	20	17
		18
		19
	24	1
	86	22
	94	8
	95	7
172126-16540	18	38
	19	21
	20	20
172131-76150	87	8
172137-12270	13	5
172137-16560	14	15
	18	37
	20	8
	109	15
172137-17631	24	6
172137-46210	21	56
172137-66230	24	17
172137-69850	45	8
	46	23
172137-70490	72	10
172137-70570	72	11
172137-70580	72	12
172137-72452	67	10
172137-72453	67	10 -1
172137-73860	73	5
172137-75570	88	12
	114	35
172137-76580	92	9
172141-03202	1	13
	2	13
	3	13
	6	4
	7	4
	8	4
172141-03360	1	27
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