

OCK10-M33003EN

P R E F A C E

1. This parts catalog is last revised of Yanmar crawler back-hoe VI070.

2. Parts catalog history

	Parts catalog NO.	Published	Remarks
1st edition	000Y00K3300	1997/ 1	Abolish old edition
1st revised	000Y00K3301	1998/ 7	Abolish old edition
2nd revised	000Y00K3302	1999/ 7	Abolish old edition
Last revised	000Y00K3303	2002/11	

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	VI070 C(R) (JP	00501~06087	1996/ 7~2001/10
	(B)	VI070 P(R) (JP		
	(C)	VI070 C(R) (AS		
	(D)	VI070 P(R) (AS		
	(E)	VI070 C(R) (EX		
	(F)	VI070 P(R) (EX		
II (Engine)	(A)	4TNE98-BV	00307~06475	1996/ 6~1999/ 7
	(B)	4TNE98-EBV	03833~	1998/ 6~

(Note) C:Cabin spec. P:Canopy spec. R:Rubber crawler spec. JP:Japan AS:Australia
EX:export except Europe, U. S. A. & Australia

4. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

Directions for the Parts Catalog.

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

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

Remarks

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

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

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

② Lev. (Level)

Level indication

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

1 ---- Main parts (Assembly parts)

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

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

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

③ Interchangeability Mark

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

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

④ Effective Machine No.

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

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

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

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

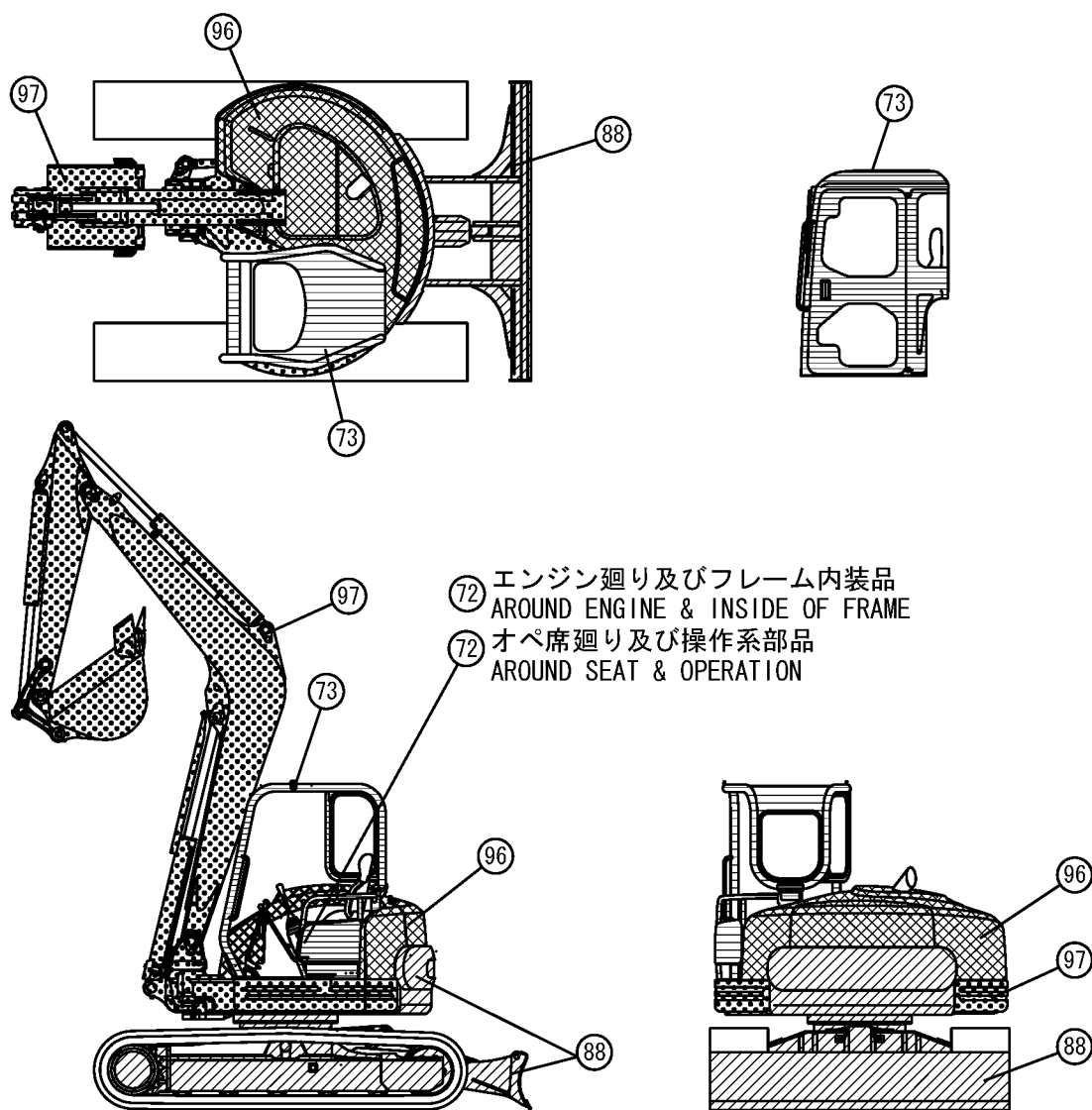
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

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

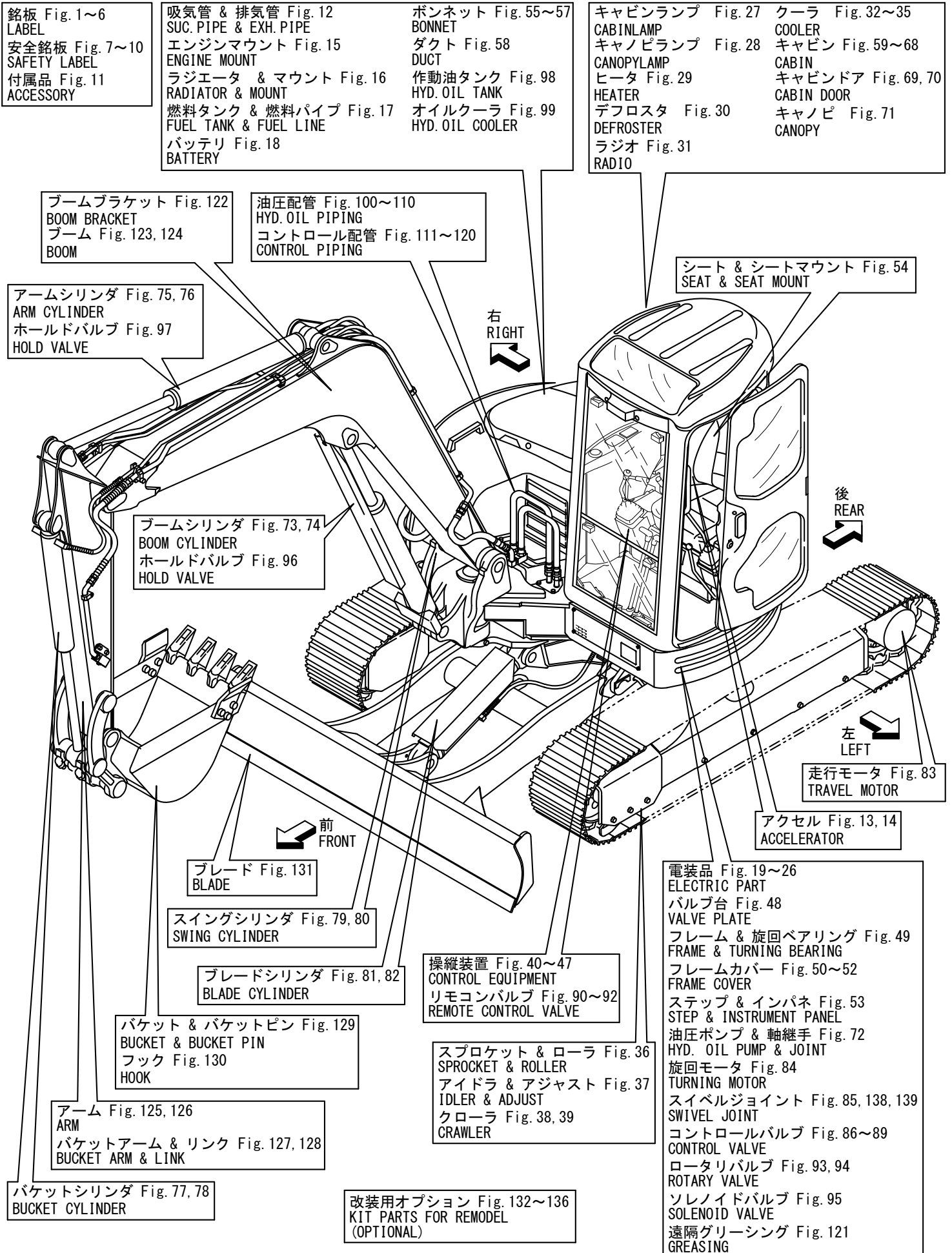
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

本機塗装色 VEHICLE PAINTED COLOR

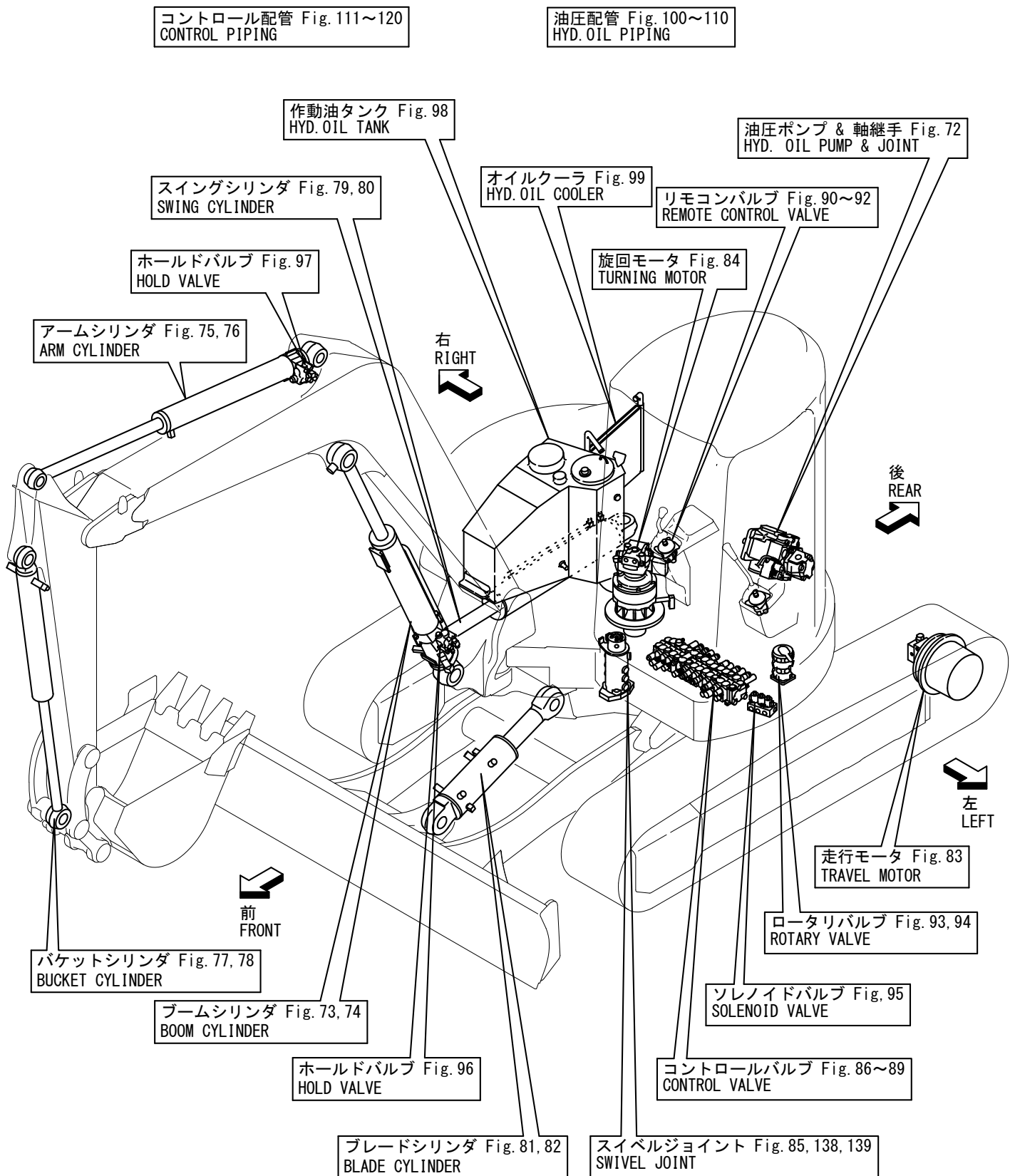


色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	マンセル記号 Munsell No.	塗料部品番号 (Paint Part No.)		
				16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
88		ヤンマー新ディープグリーン YANMAR New Deep Green	0. 6B2. 2/4. 2	981101-09588	977620-40880	977620-30881
97		ヤンマーピーコックグリーン YANMAR Peacock Green	3. 85B65. 31/9. 15	981101-09597	977620-40970	977620-30971
96		ヤンマーシトラスグリーン YANMAR Citrus Green	4. 84GY8. 42/6. 99	981101-09599	977620-40990	977620-30991
72		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	5. 39Y2. 92/0. 78	-----	977620-40720	TOR-90460003
73		ヤンマーワームグレー YANMAR Warm Gray	7Y5. 3/0. 8	-----	-----	TOR-90450003

絵目次 (1) 主要部品 PICTURESQUE INDEX (1) . . . MAIN PARTS



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



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5.	LABEL(CANOPY : AS,EX)	30.	DEFROSTER
6.	LABEL(CANOPY : CRANE SPEC.)	31.	RADIO
7.	SAFETY LABEL(CABIN : JP)	32.	COOLER(ENGIEN RELATED)
8.	SAFETY LABEL(CABIN : AS,EX)	33.	COOLER(CONDENSER RELATED)
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20.	ELECTRIC PART(WIRING : CRANE)	45.	CONTROL EQUIPMENT(BLADE)
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Fig. No. Fig. Name

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- 51. FRAME COVER(TURNING:CANOPY)
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- 53. STEP & INSTRUMENT PANEL
- 54. SEAT & SEAT MOUNT
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- 56. BONNET(2 : UPPER COVER)
- 57. BONNET(3 : SIDE,REAR COVER)
- 58. DUCT
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- 60. CABIN(BODY)(AS:PREVIOUS)
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- 63. CABIN(BODY)(AS:NEW)
- 64. CABIN;2(SIDE SASH)
- 65. CABIN(FRONT SASH)(PREVIOUS)
- 66. CABIN(FRONT SASH)(NEW)
- 67. CABIN(FITTING PART)(JP,EX)
- 68. CABIN(FITTING PART)(AS)
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- 70. CABIN DOOR(FITTING PART)
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- 74. BOOM CYLINDER(NEW)

Fig. No. Fig. Name

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- 76. ARM CYLINDER(NEW)
- 77. BUCKET CYLINDER
- 78. BUCKET CYLINDER
- 79. SWING CYLINDER(PREVIOUS)
- 80. SWING CYLINDER(NEW)
- 81. BLADE CYLINDER(PREVIOUS)
- 82. BLADE CYLINDER(NEW)
- 83. TRAVEL MOTOR
- 84. TURNING MOTOR
- 85. SWIVEL JOINT(Y SPEC.)
- 138. (85A)SWIVEL JOINT KIT(N SPEC.)
- 139. (85B)SWIVEL JOINT(N SPEC.)
- 86. CONTROL VALVE(1)
- 87. CONTROL VALVE(2)
- 88. CONTROL VALVE(3)
- 89. CONTROL VALVE(4)
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- 91. REMOTE CONTROL VALVE(AS : L)
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Fig. No. Fig. Name

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- 98. HYD. OIL TANK
- 99. LUB. OIL COOLER
- 100. HYD. OIL PIPING(TANK - PUMP - CONTROL VALVE)
- 101. HYD. OIL PIPING(CONTROL VALVE - TURNING MOTOR,BOOM)
- 102. HYD. OIL PIPING(CONTROL VALVE - SWIVEL,SWING)
- 103. HYD. OIL PIPING(RETURN : 1)
- 104. HYD. OIL PIPING(RETURN : 2)
- 105. HYD. OIL PIPING(P.T.O.,FRAME END)
- 106. HYD. OIL PIPING(P.T.O.,FRAME END : AS SPEC.)
- 107. HYD. OIL PIPING(TRACK FRAME)
- 108. HYD. OIL PIPING(BOOM)
- 109. HYD. OIL PIPING(BOOM : CRANE SPEC.)
- 110. HYD. OIL PIPING(P.T.O.,ARM END)
- 111. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)(JP,EX)
- 112. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)(AS)
- 113. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)(DIRECT SPEC.:JP,EX)
- 114. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)(DIRECT SPEC.:AS)
- 115. CONTROL PIPING(REMOTE CONTROL VALVE - 4-WAY ROTARY VALVE)
- 116. CONTROL PIPING(4-WAY ROTARY VALVE - CONTROL VALVE)
- 117. CONTROL PIPING(REMOTE CONTROL VALVE - 2-WAY ROTARY VALVE - CONTROL VALVE)
- 118. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)(DIRECT : CRANE SPEC.)
- 119. CONTROL PIPING(4-WAY ROTARY VALVE - CONTROL VALVE)(4-WAY MULTI CHANGE SPEC.)
- 120. CONTROL PIPING(CONTROL VALVE - CYLINDER - TANK)(4-WAY MULTI CHANGE SPEC.)
- 121. GREASING

Fig. No. Fig. Name

- 122. BOOM BRACKET
- 123. BOOM
- 124. BOOM(CRANE SPEC.)
- 125. ARM
- 126. ARM(CRANE SPEC.)
- 127. BUCKET ARM & LINK
- 128. BUCKET ARM & LINK(CRANE SPEC.)
- 129. BUCKET & BUCKET PIN
- 130. HOOK(CRANE SPEC.)
- 131. BLADE
- 132. COOLER KIT(OPTIONAL)
- 133. P.T.O.,KIT(OPTIONAL)
- 134. 4-WAY MULTI VALVE KIT(OPTIONAL)
- 135. 2-WAY MULTI VALVE KIT(OPTIONAL)
- 136. CRANE KIT(OPTIONAL)

Fig.1. LABEL(CABIN : JP)

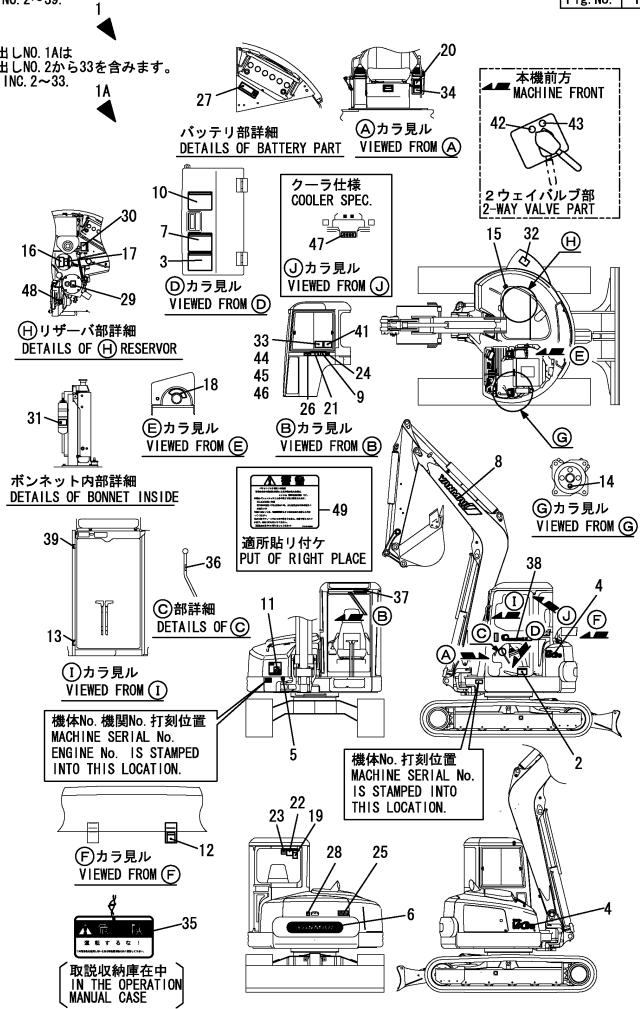
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNO. 1は
見出しNO. 2から39を含みます。
1 INC. 2~39.

見出しNO. 1Aは
見出しNO. 2から33を含みます。
1A INC. 2~33.

COUNTRY	JP	AS	EX
Fig. No.	1	2	2



Remarks
(1)RUBBER CRAWLER SPEC.
(2)USED TO M/#00528.
(3)USED FROM M/#00529.
(4)2-WAY MULTI VALVE SPEC.
(5)4-WAY MULTI VALVE SPEC.
(6)FROM *1997.01 CORRESPONDS OF 7A.
(7)OPTIONAL
(8)FROM *1997.01 CORRESPONDS OF 10A.
(9)COOLER SPEC.
(M)MISPRINT

No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	772187-03102	LABEL SET, VIO70	1							
1A	2	772187-03100	LABEL SET, VIO70	1							M
1A-1	2	772187-03101	LABEL SET, VIO70	1							
2	3	172187-03110	LABEL, SPECIFICATION	1							
2-1	3	172187-03111	LABEL, SPECIFICATION	1							N
(A=M/#00882)											
2-2	3	172187-03112	LABEL, SPECIFICATION	1							N
(A=M/#05206)											
3	3	172187-03120	LABEL	1							2
3A	3	172187-03121	LABEL	1							3
4	3	172187-03130	LABEL, VIO70	2							
5	3	172146-03140	LABEL	1							
6	3	172187-03140	LABEL, REAR	1							
7	3	172187-03150	LABEL	1							6
7A	3	172187-03151	LABEL	1							6
8	3	172187-03160	LABEL, BOOM	1							
9	3	172141-03170	LABEL, RESTART	1							
10	3	172187-03170	LABEL, FUSE	1							8
10A	3	172187-03171	LABEL, FUSE	1							8
11	3	172164-03180	MARK, NO.1	1							
12	3	172141-03202	LABEL, CAUTION	1							
13	3	172147-03210	LABEL, 2 SPEED	1							
14	3	172173-03250	LABEL	1							
15	3	172183-03250	LABEL, FUEL	1							
16	3	172142-03302	LABEL, CAUTION	1							
17	3	172155-03310	LABEL, OILING	1							
18	3	172141-03360	LABEL, START SWITCH	1							
19	3	172964-03370	LABEL	1							
20	3	172964-03390	LABEL, ADJUST	1							
21	3	172164-03500	LABEL, START	1							
22	3	172164-03510	LABEL, LOADING	1							
23	3	172164-03520	LABEL, DANGER	1							
24	3	172164-03540	LABEL	1							
25	3	172164-03560	LABEL	1							
26	3	172964-03610	LABEL A	1							
27	3	172165-03661	LABEL, DANGER	1							
28	3	172519-04180	LABEL, WARNING	1							
29	3	172519-04290	LABEL, WARNING	1							
30	3	172519-04300	LABEL	1							
31	3	121470-44540	LABEL, SUB-TANK	1							
32	3	172187-03230	LABEL	1							
33	3	172187-03190	LABEL (PATTERN-A)	1							
34	2	172187-03180	LABEL	1							1
35	2	172964-03481	TAG ASSY, CAUTION	1							
36	2	172183-03280	LABEL, LOCK	1							
37	2	172164-03200	LABEL, BRAND	1							
38	2	172164-03210	LABEL, CAB.	1							
39	2	172164-03530	LABEL, WARNING	1							
39-1	2	172164-03531	LABEL, WARNING	1							R
(A=M/#01661)											
41	1	172175-03550	LABEL (2-WAY)	1							4

Fig.1. LABEL(CABIN : JP)

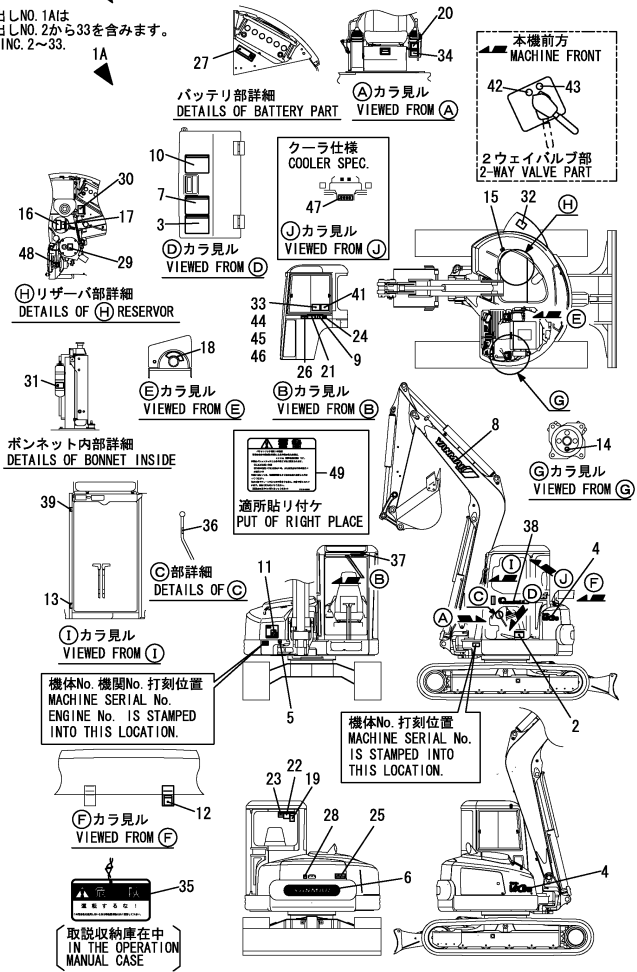
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNO. 1は
見出しNO. 2から39を含みます。
1 INC. 2~39.

見出しNO. 1Aは
見出しNO. 2から33を含みます。
1A INC. 2~33.

COUNTRY	JP	AS	EX
Fig. No.	1	2	2



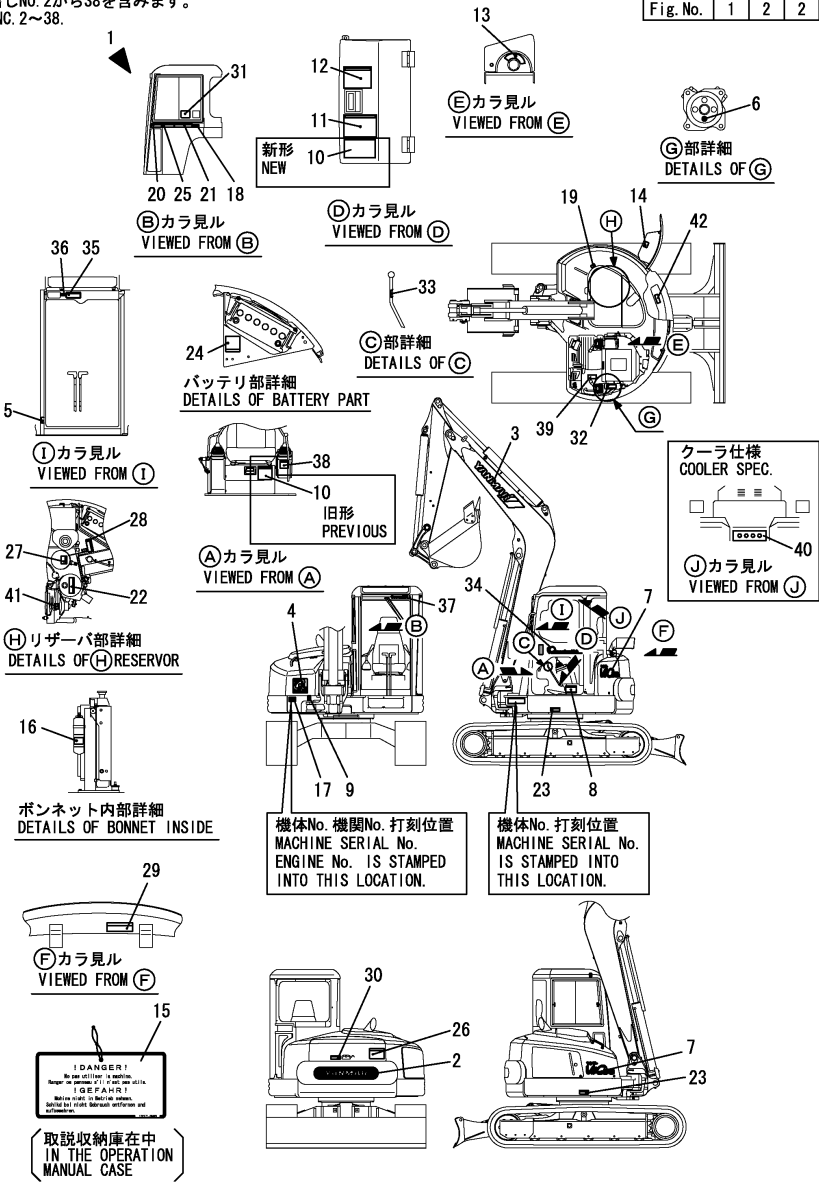
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	1	172173-03560	LABEL (YANMAR	1							4
43	1	172173-03570	LABEL (KOMATSU	1							4
44	1	172187-03210	LABEL	1							7
45	1	172187-03220	LABEL	1							7
46	1	172165-03471	LABEL	1							5
47	1	172187-03400	LABEL,CONTROL PANEL	1							9
48	1	172187-03410	LABEL	1							9
49	1	172187-03050	LABEL	1							7

Remarks
(1)RUBBER CRAWLER SPEC.
(2)USED TO M/#00528.
(3)USED FROM M/#00529.
(4)2-WAY MULTI VALVE SPEC.
(5)4-WAY MULTI VALVE SPEC.
(6)FROM *1997.01 CORRESPONDS OF 7A.
(7)OPTIONAL
(8)FROM *1997.01 CORRESPONDS OF 10A.
(9)COOLER SPEC.
(M)MISPRINT

Fig.2. LABEL(CABIN : AS,EX)

見出しNO. 1は
見出しNO. 2から38を含みます。
1 INC. 2~38.

COUNTRY	JP	AS	EX
Fig. No.	1	2	2



Remarks
(1)RUBBER CRAWLER SPEC.
(2)COOLER SPEC.
(M)MISPRINT

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-03220	LABEL SET,VIO70 E			1		1			M
1-1	1	772187-03221	LABEL SET,VIO70 E P			1		1			
2	2	172187-03140	LABEL, REAR			1		1			
3	2	172187-03160	LABEL, BOOM			1		1			
4	2	172164-03180	MARK, NO.1			1		1			
5	2	172147-03210	LABEL, 2 SPEED			1		1			
6	2	172173-03250	LABEL			1		1			
7	2	172187-03130	LABEL, VIO70			2		2			
7-1	2	172187-03700	LABEL,VIO70			2		2			N
			(C=M/#01106)				(E=M/#01106)				
8	2	172187-03310	LABEL,SPEC E			1		1			
8-1	2	172187-03311	LABEL,SPEC E			1		1			N
			(C=M/#01106)				(E=M/#00965)				
9	2	172146-03320	LABEL,GREASE E			1		1			
10	2	172187-03320	LABEL,OIL & WATER E			1		1			
11	2	172187-03330	LABEL,GREASING E			1		1			
12	2	172187-03350	LABEL,FUSE E			1		1			
13	2	172141-03360	LABEL, START SWITCH			1		1			
14	2	172187-03370	LABEL,RADIATOR COVER			1		1			
15	2	172171-03400	TAG ASSY, CAUTION			1		1			
16	2	124764-44810	LABEL, SUB TANK			1		1			
17	2	22857-300050	SCREW, 3X 5			4		4			Z
			(C=M/#00501)				(E=M/#00501)				
18	2	172141-03440	LABEL			1		1			
19	2	172183-03450	LABEL,FUEL			1		1			
20	2	172171-03700	LABEL			1		1			
21	2	172171-03710	LABEL			1		1			
22	2	172171-03720	LABEL			1		1			
23	2	172171-03750	LABEL			2		2			
24	2	172171-03760	LABEL			1		1			
25	2	172171-03770	LABEL			1		1			
26	2	172171-03780	LABEL			1		1			
27	2	172155-03790	LABEL,RE-FUELING			1		1			
28	2	172171-03790	LABEL, RADIATOR			1		1			
29	2	172171-03800	LABEL			1		1			
30	2	172171-03810	LABEL			1		1			
31	2	172187-03190	LABEL(PATTERN-A)			1		1			
32	2	172187-03640	LABEL,GRIP E			1		1			
33	2	172183-03280	LABEL, LOCK			1		1			
34	2	172164-03210	LABEL, CAB.			1		1			
35	2	172164-03700	LABEL,WIPER			1		1			
36	2	172164-03710	LABEL,BREAKER			1		1			
37	2	172164-03200	LABEL,BRAND			1		1			
38	2	172187-03360	LABEL,ADJUST CRAWLER			1		1			1
39	1	172989-03410	LABEL, PTO SELECT			1		1			W
			(C=M/#05284)				(E=M/#05284)				
40	1	172187-03400	LABEL,CONTROL PANEL			1		1			2
41	1	172187-03660	LABEL,FAN CL E			1		1			2
42	1	172989-03100	LABEL,COOLER			1		1			W 2
			(C=M/#01654)				(E=M/#01654)				

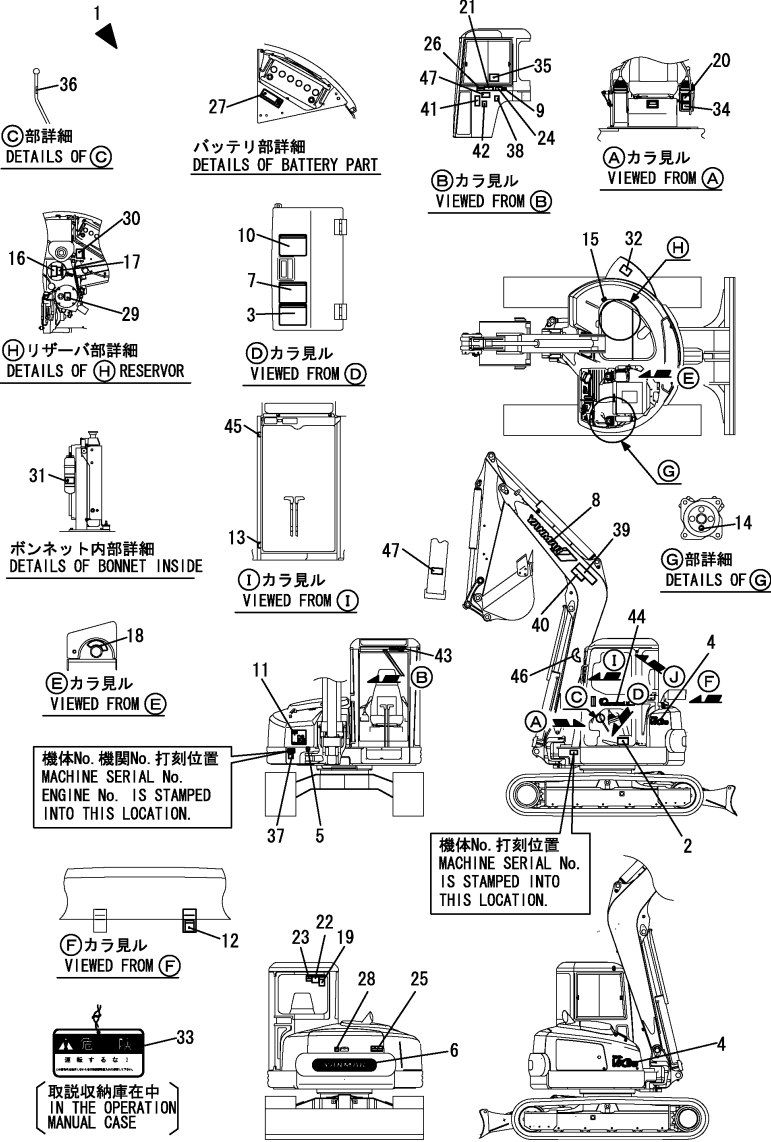
Fig.3. LABEL(CABIN : CRANE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNO. 1は
見出しNO. 2から47を含みます。
1 INC. 2~47.

COUNTRY	JP	AS	EX
Fig. No.	3	-	-

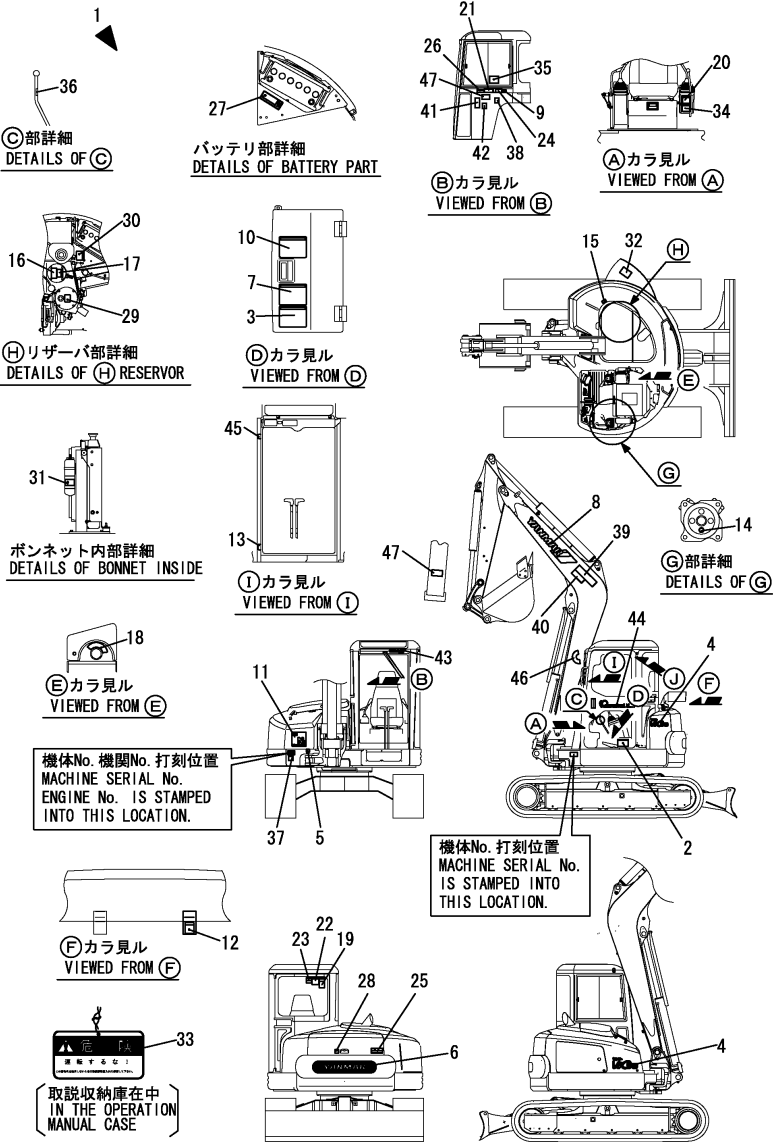


Remarks
(1)RUBBER CRAWLER SPEC.
(2)USED TO M/#00528.
(3)USED FROM M/#00529.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-03510	LABEL SET,70 CRANE C	1							
1-1	1	772187-03511	LABEL SET,70 CRANE C	1							N
(A=M/#05345)											
2	2	172187-03111	LABEL, SPECIFICATION	1							
3	2	172187-03120	LABEL	1							2
3A	2	172187-03121	LABEL	1							3
4	2	172187-03130	LABEL, VIO70	2							
5	2	172146-03140	LABEL	1							
6	2	172187-03140	LABEL, REAR	1							
7	2	172187-03151	LABEL	1							
8	2	172187-03160	LABEL, BOOM	1							
9	2	172141-03170	LABEL, RESTART	1							
10	2	172187-03171	LABEL, FUSE	1							
11	2	172164-03180	MARK,NO.1	1							
12	2	172141-03202	LABEL,CAUTION	1							
13	2	172147-03210	LABEL,2 SPEED	1							
14	2	172173-03250	LABEL	1							
15	2	172183-03250	LABEL,FUEL	1							
16	2	172142-03302	LABEL,CAUTION	1							
17	2	172155-03310	LABEL, OILING	1							
18	2	172141-03360	LABEL, START SWITCH	1							
19	2	172964-03370	LABEL	1							
20	2	172964-03390	LABEL,ADJUST	1							
21	2	172164-03500	LABEL,START	1							
22	2	172164-03510	LABEL,LOADING	1							
23	2	172164-03520	LABEL,DANGER	1							
24	2	172164-03540	LABEL	1							
25	2	172164-03560	LABEL	1							
26	2	172964-03610	LABEL A	1							
27	2	172165-03661	LABEL,DANGER	1							
28	2	172519-04180	LABEL,WARNING	1							
29	2	172519-04290	LABEL,WARNING	1							
30	2	172519-04300	LABEL	1							
31	2	121470-44540	LABEL, SUB-TANK	1							
32	2	172187-03230	LABEL	1							
33	2	172964-03481	TAG ASSY, CAUTION	1							
34	2	172187-03180	LABEL	1							1
35	2	172187-03190	LABEL(PATTERN-A)	1							
36	2	172183-03280	LABEL, LOCK	1							
37	2	172187-03711	LABEL	1							
38	2	172187-03741	LABEL	1							
39	2	172187-03750	LABEL	1							
40	2	172187-03760	LABEL	1							
41	2	172187-03781	LABEL	1							
42	2	172187-03721	LABEL	1							
43	2	172164-03200	LABEL,BRAND	1							
44	2	172164-03210	LABEL, CAB.	1							
45	2	172164-03530	LABEL,WARNING	1							
45-1	1	172164-03531	LABEL,WARNING	1							R
(A=M/#01661)											
46	2	172187-63510	LABEL	1							

Fig.3. LABEL(CABIN : CRANE SPEC.)

見出しNO. 1は
見出しNO. 2から47を含みます。
1 INC. 2~47.



COUNTRY	JP	AS	EX
Fig. No.	3	-	-

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

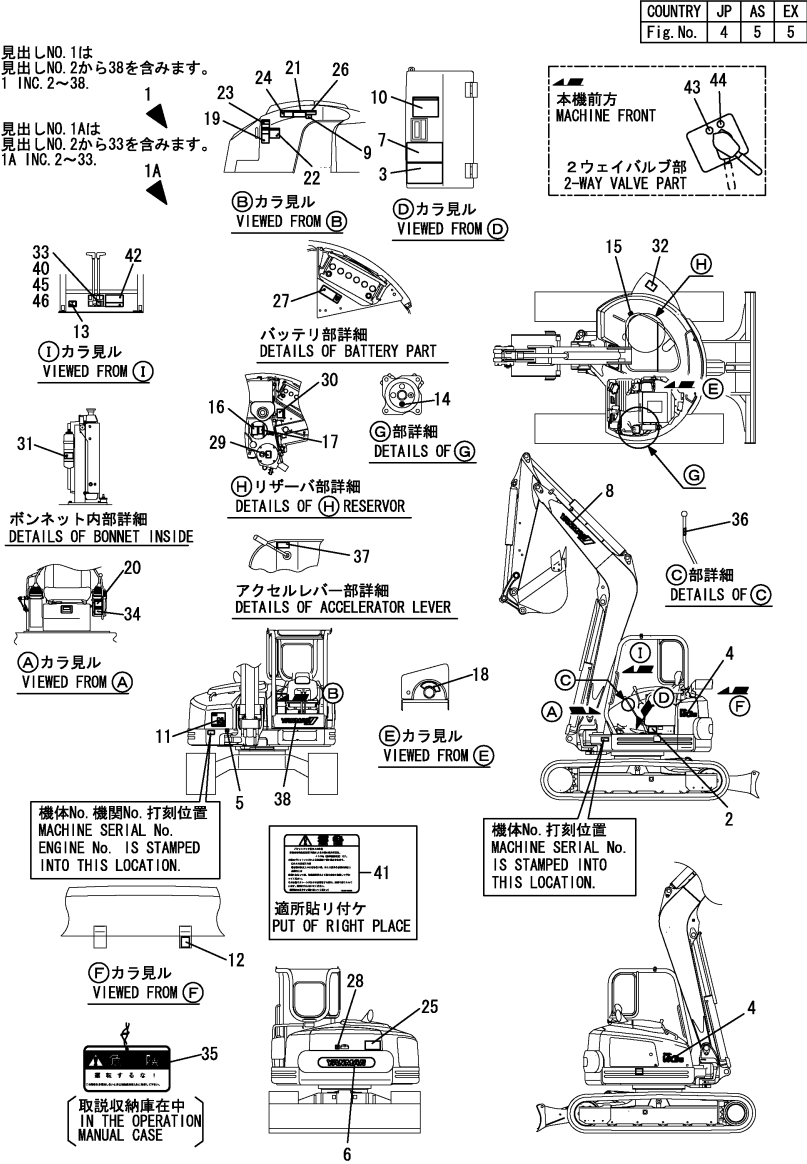
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
47	2	172425-03350	LABEL	2							W
(A=M/#05345)											

Remarks
(1)RUBBER CRAWLER SPEC.
(2)USED TO M/#00528.
(3)USED FROM M/#00529.

Fig.4. LABEL(CANOPY : JP)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-03110	LABEL SET(VIO70 P		1						
1A	2	772187-03100	LABEL SET, VIO70		1						M
1A-1	2	772187-03110	LABEL SET(VIO70 P		1						
2	3	172187-03111	LABEL, SPECIFICATION		1						
3	3	172187-03121	LABEL		1						
4	3	172187-03130	LABEL, VIO70		2						
5	3	172146-03140	LABEL		1						
6	3	172187-03140	LABEL, REAR		1						
7	3	172187-03151	LABEL		1						
8	3	172187-03160	LABEL, BOOM		1						
9	3	172141-03170	LABEL, RESTART		1						
10	3	172187-03171	LABEL, FUSE		1						
11	3	172164-03180	MARK, NO.1		1						
12	3	172141-03202	LABEL, CAUTION		1						
13	3	172147-03210	LABEL, 2 SPEED		1						
14	3	172173-03250	LABEL		1						
15	3	172183-03250	LABEL, FUEL		1						
16	3	172142-03302	LABEL, CAUTION		1						
17	3	172155-03310	LABEL, OILING		1						
18	3	172141-03360	LABEL, START SWITCH		1						
19	3	172964-03370	LABEL		1						
20	3	172964-03390	LABEL, ADJUST		1						
21	3	172164-03500	LABEL, START		1						
22	3	172164-03510	LABEL, LOADING		1						
23	3	172164-03520	LABEL, DANGER		1						
24	3	172164-03540	LABEL		1						
25	3	172164-03560	LABEL		1						
26	3	172964-03610	LABEL A		1						
27	3	172165-03661	LABEL, DANGER		1						
28	3	172519-04180	LABEL, WARNING		1						
29	3	172519-04290	LABEL, WARNING		1						
30	3	172519-04300	LABEL		1						
31	3	121470-44540	LABEL, SUB-TANK		1						
32	3	172187-03230	LABEL		1						
33	3	172187-03240	LABEL		1						
34	2	172187-03180	LABEL		1						1
35	2	172964-03481	TAG ASSY, CAUTION		1						
36	2	172183-03280	LABEL, LOCK		2						
37	2	172519-03150	LABEL, ACCEL		1						
38	2	172165-03141	LABEL, FRONT		1						
40	1	172151-03550	LABEL, PATTERN B		1						4
40-1	1	172151-03551	LABEL		1						R 4
(B=M/#05645)											
41	1	172187-03050	LABEL		1						4
42	1	172173-03550	LABEL (2-WAY		1						2
43	1	172173-03560	LABEL (YANMAR		1						3
44	1	172173-03570	LABEL (KOMATSU		1						3
45	1	172187-03250	LABEL		1						4
46	1	172187-03260	LABEL		1						4

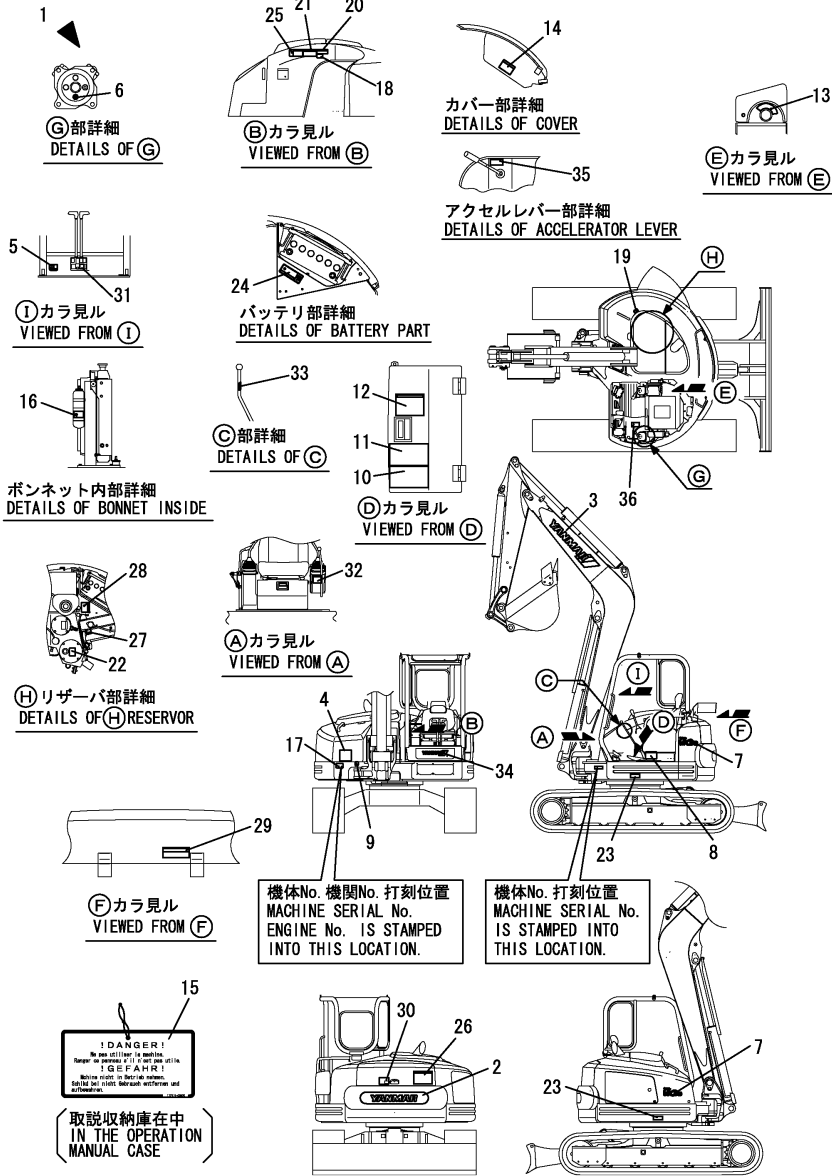
Remarks
(1) RUBBER CRAWLER SPEC.
(2) 2-WAY MULTI VALVE SPEC.
(3) 4-WAY MULTI VALVE SPEC.
(4) OPTIONAL
(M) MISPRINT

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNO. 1は
見出しNO. 2から35を含みます。
1 INC. 2~35.

COUNTRY	JP	AS	EX
Fig. No.	4	5	5



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-03220	LABEL SET,VIO70 E				1		1		M
1-1	1	772187-03230	LABEL SET,VIO70 E P				1		1		
2	2	172187-03140	LABEL, REAR				1		1		
3	2	172187-03160	LABEL, BOOM				1		1		
4	2	172164-03180	MARK, NO.1				1		1		
5	2	172147-03210	LABEL, 2 SPEED				1		1		
6	2	172173-03250	LABEL				1		1		
7	2	172187-03700	LABEL, VIO70				2		2		
8	2	172187-03311	LABEL, SPEC E				1		1		
9	2	172146-03320	LABEL, GREASE E				1		1		
10	2	172187-03320	LABEL, OIL & WATER E				1		1		
11	2	172187-03330	LABEL, GREASING E				1		1		
12	2	172187-03350	LABEL, FUSE E				1		1		
13	2	172141-03360	LABEL, START SWITCH				1		1		
14	2	172187-03370	LABEL, RADIATOR COVER				1		1		
15	2	172171-03400	TAG ASSY, CAUTION				1		1		
16	2	124764-44810	LABEL, SUB TANK				1		1		
17	2	22857-300050	SCREW, 3X 5				4		4		
18	2	172141-03440	LABEL				1		1		
19	2	172183-03450	LABEL, FUEL				1		1		
20	2	172171-03700	LABEL				1		1		
21	2	172171-03710	LABEL				1		1		
22	2	172171-03720	LABEL				1		1		
23	2	172171-03750	LABEL				2		2		
24	2	172171-03760	LABEL				1		1		
25	2	172171-03770	LABEL				1		1		
26	2	172171-03780	LABEL				1		1		
27	2	172155-03790	LABEL, RE-FUELING				1		1		
28	2	172171-03790	LABEL, RADIATOR				1		1		
29	2	172171-03800	LABEL				1		1		
30	2	172171-03810	LABEL				1		1		
31	2	172187-03240	LABEL				1		1		
32	2	172187-03360	LABEL, ADJUST CRAWLER				1		1		1
33	2	172183-03280	LABEL, LOCK				2		2		
34	2	172165-03141	LABEL, FRONT				1		1		
35	2	172519-03150	LABEL, ACCEL				1		1		
36	1	172989-03410	LABEL, PTO SELECT				1				W

(D=M/#05284)

Remarks
(1) RUBBER CRAWLER SPEC.
(M) MISPRINT

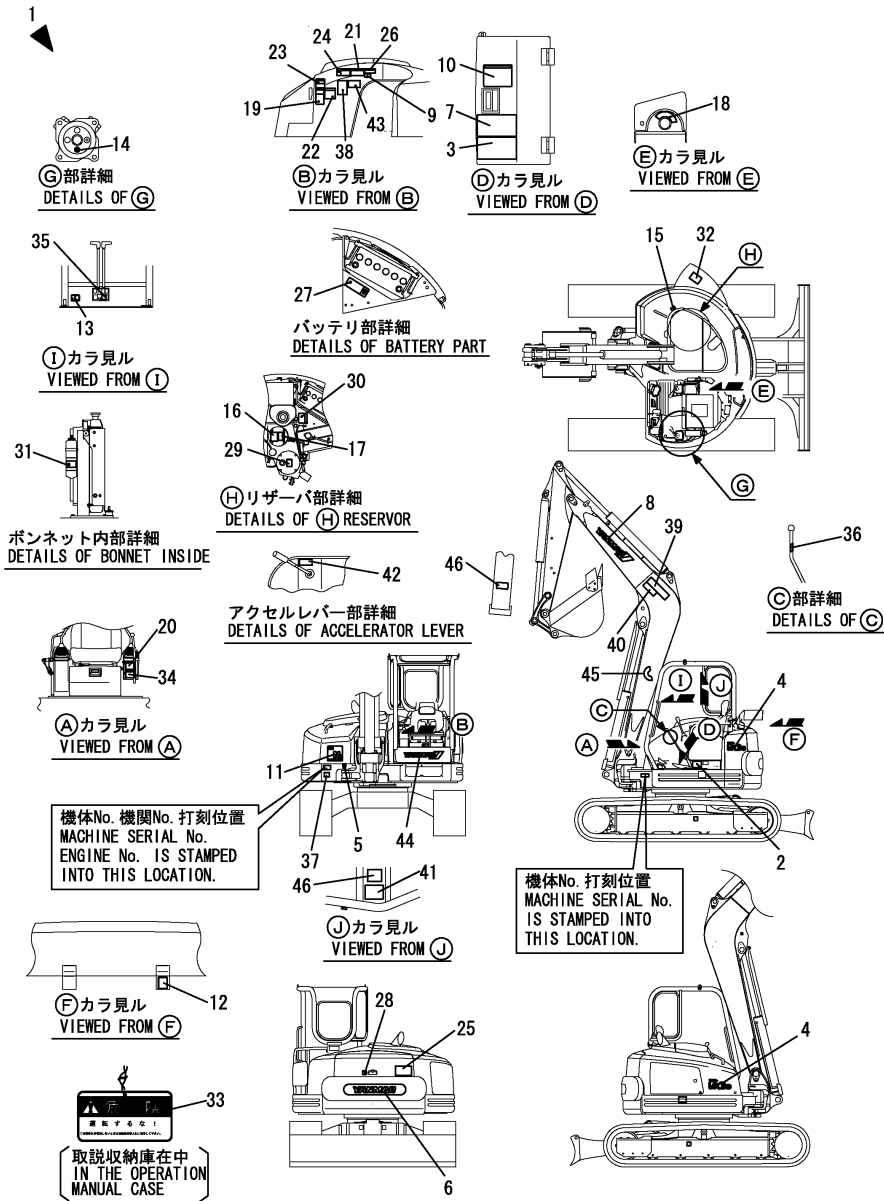
Fig.6. LABEL(CANOPY : CRANE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNO. 1は
見出しNO. 2から46を含みます。
1 INC. 2~46.

COUNTRY	JP	AS	EX
Fig. No.	6	-	-



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-03520	LABEL SET 70 CRANE P		1						
1-1	1	772187-03521	LABEL SET 70 CRANE P		1						N
(B=M/#05345)											
2	2	172187-03111	LABEL, SPECIFICATION		1						
3	2	172187-03121	LABEL		1						
4	2	172187-03130	LABEL, VIO70		2						
5	2	172146-03140	LABEL		1						
6	2	172187-03140	LABEL, REAR		1						
7	2	172187-03151	LABEL		1						
8	2	172187-03160	LABEL, BOOM		1						
9	2	172141-03170	LABEL, RESTART		1						
10	2	172187-03171	LABEL, FUSE		1						
11	2	172164-03180	MARK, NO.1		1						
12	2	172141-03202	LABEL, CAUTION		1						
13	2	172147-03210	LABEL, 2 SPEED		1						
14	2	172173-03250	LABEL		1						
15	2	172183-03250	LABEL, FUEL		1						
16	2	172142-03302	LABEL, CAUTION		1						
17	2	172155-03310	LABEL, OILING		1						
18	2	172141-03360	LABEL, START SWITCH		1						
19	2	172964-03370	LABEL		1						
20	2	172964-03390	LABEL, ADJUST		1						
21	2	172164-03500	LABEL, START		1						
22	2	172164-03510	LABEL, LOADING		1						
23	2	172164-03520	LABEL, DANGER		1						
24	2	172164-03540	LABEL		1						
25	2	172164-03560	LABEL		1						
26	2	172964-03610	LABEL A		1						
27	2	172165-03661	LABEL, DANGER		1						
28	2	172519-04180	LABEL, WARNING		1						
29	2	172519-04290	LABEL, WARNING		1						
30	2	172519-04300	LABEL		1						
31	2	121470-44540	LABEL, SUB-TANK		1						
32	2	172187-03230	LABEL		1						
33	2	172964-03481	TAG ASSY, CAUTION		1						
34	2	172187-03180	LABEL		1						1
35	2	172187-03240	LABEL		1						
36	2	172183-03280	LABEL, LOCK		2						
37	2	172187-03711	LABEL		1						
38	2	172187-03741	LABEL		1						
39	2	172187-03750	LABEL		1						
40	2	172187-03760	LABEL		1						
41	2	172187-03781	LABEL		1						
42	2	172519-03150	LABEL, ACCEL		1						
43	2	172187-03721	LABEL		1						
44	2	172165-03141	LABEL, FRONT		1						
45	2	172187-63510	LABEL		1						
46	2	172425-03350	LABEL		2						W

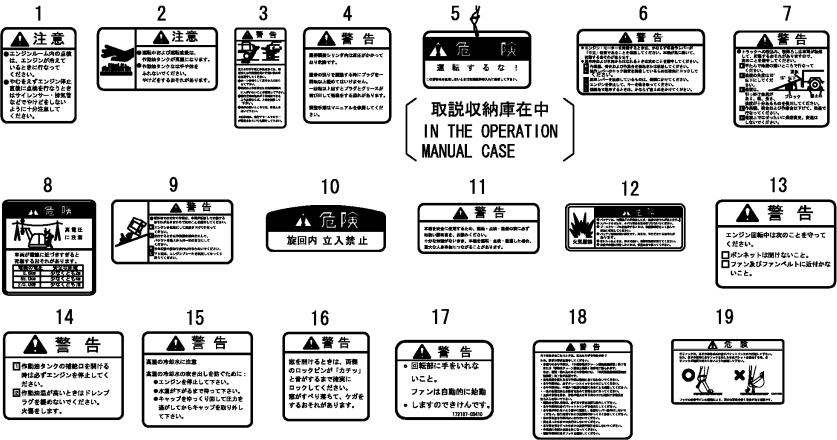
(B=M/#05345)

Remarks
1) RUBBER CRAWLER SPEC.

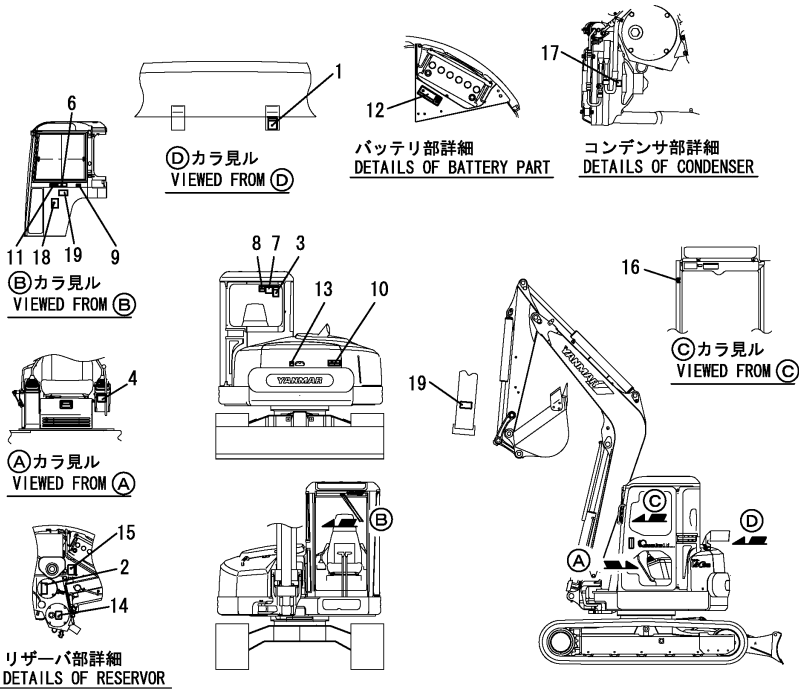
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

COUNTRY	JP	AS	EX
Fig.No.	7	8	8



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-03202	LABEL,CAUTION	1							
2	1	172142-03302	LABEL,CAUTION	1							
3	1	172964-03370	LABEL	1							
4	1	172964-03390	LABEL,ADJUST	1							
5	1	172964-03481	TAG ASSY, CAUTION	1							
6	1	172164-03500	LABEL,START	1							
7	1	172164-03510	LABEL,LOADING	1							
8	1	172164-03520	LABEL,DANGER	1							
9	1	172164-03540	LABEL	1							
10	1	172164-03560	LABEL	1							
11	1	172964-03610	LABEL A	1							
12	1	172165-03661	LABEL,DANGER	1							
13	1	172519-04180	LABEL,WARNING	1							
14	1	172519-04290	LABEL,WARNING	1							
15	1	172519-04300	LABEL	1							
16	1	172164-03530	LABEL,WARNING	1							
16-1	1	172164-03531	LABEL,WARNING	1							R
(A=M/#01661)											
17	1	172187-03410	LABEL	1							
18	1	172187-03721	LABEL	1							
19	1	172425-03350	LABEL	2							W 1
(A=M/#05345)											



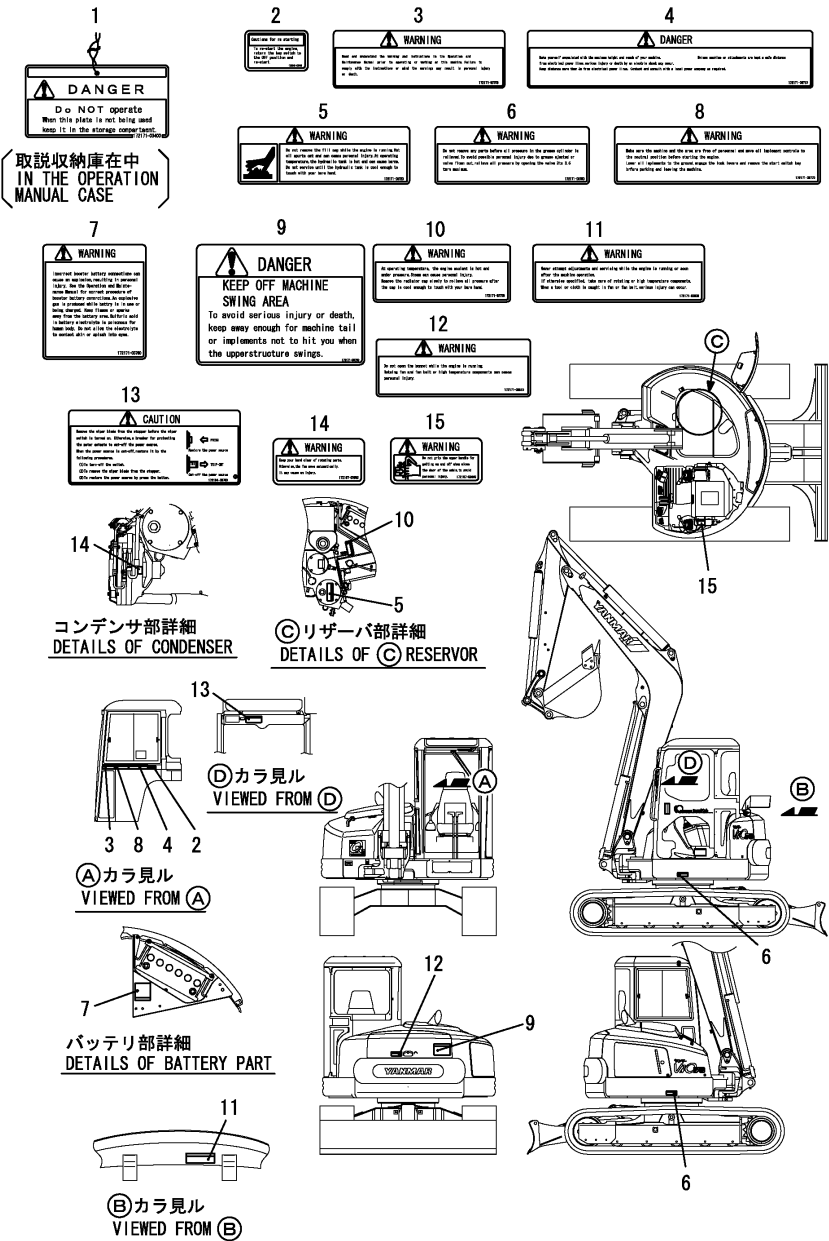
Remarks
(1)CRANE SPEC.

Fig.8. SAFETY LABEL(CABIN : AS,EX)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

COUNTRY	JP	AS	EX
Fig. No.	7	8	8

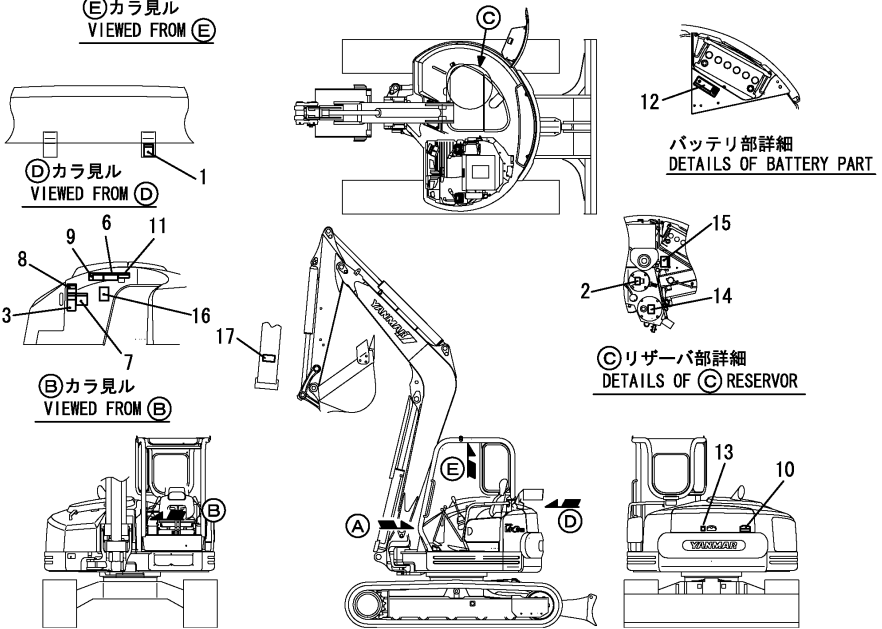
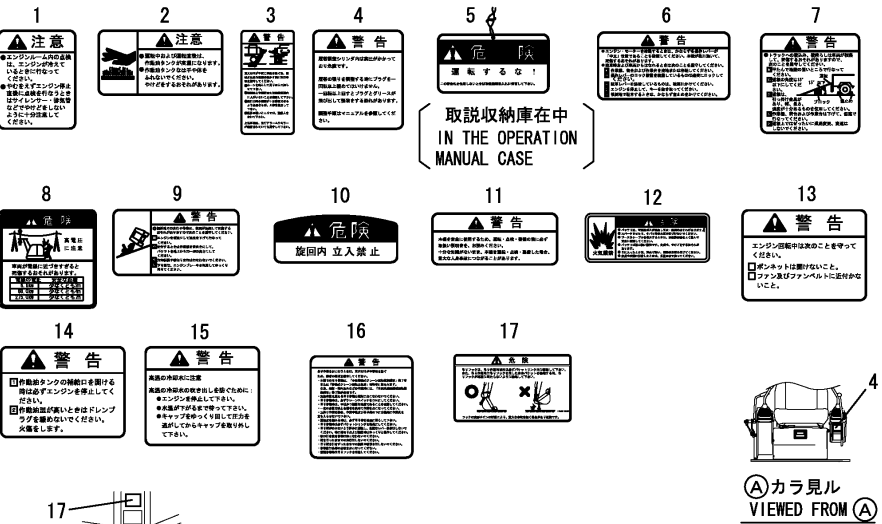


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172171-03400	TAG ASSY, CAUTION			1		1			
2	1	172141-03440	LABEL			1		1			
3	1	172171-03700	LABEL			1		1			
4	1	172171-03710	LABEL			1		1			
5	1	172171-03720	LABEL			1		1			
6	1	172171-03750	LABEL			2		2			
7	1	172171-03760	LABEL			1		1			
8	1	172171-03770	LABEL			1		1			
9	1	172171-03780	LABEL			1		1			
10	1	172171-03790	LABEL, RADIATOR			1		1			
11	1	172171-03800	LABEL			1		1			
12	1	172171-03810	LABEL			1		1			
13	1	172164-03700	LABEL,WIPER			1		1			
14	1	172187-03660	LABEL,FAN CL E			1		1			
15	1	172187-03640	LABEL,GRIP E			1		1			

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-03202	LABEL,CAUTION		1						
2	1	172142-03302	LABEL,CAUTION		1						
3	1	172964-03370	LABEL		1						
4	1	172964-03390	LABEL,ADJUST		1						
5	1	172964-03481	TAG ASSY, CAUTION		1						
6	1	172164-03500	LABEL,START		1						
7	1	172164-03510	LABEL,LOADING		1						
8	1	172164-03520	LABEL,DANGER		1						
9	1	172164-03540	LABEL		1						
10	1	172164-03560	LABEL		1						
11	1	172964-03610	LABEL A		1						
12	1	172165-03661	LABEL,DANGER		1						
13	1	172519-04180	LABEL,WARNING		1						
14	1	172519-04290	LABEL,WARNING		1						
15	1	172519-04300	LABEL		1						
16	1	172187-03721	LABEL		1						
17	1	172425-03350	LABEL		2						W 1
(B=M/#05345)											



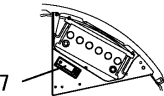
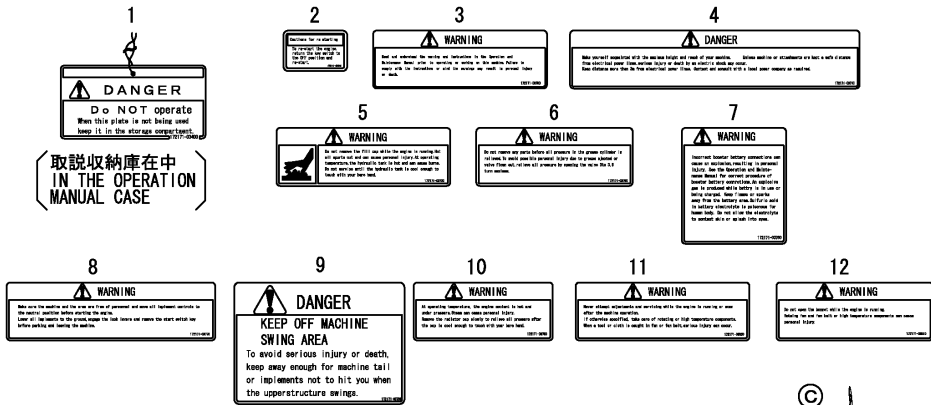
Remarks
(1)CRANE SPEC.

Fig.10. SAFETY LABEL(CANOPY : AS,EX,EX)

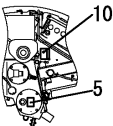
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

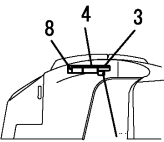
COUNTRY	JP	AS	EX
Fig. No.	9	10	10



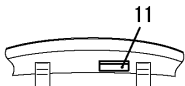
バッテリー部詳細
DETAILS OF BATTERY PART



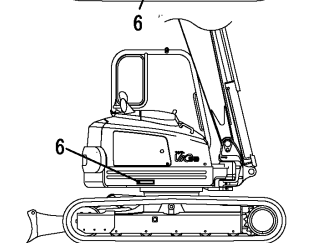
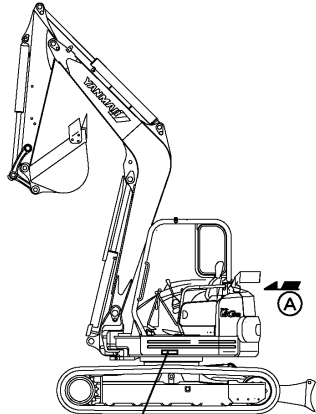
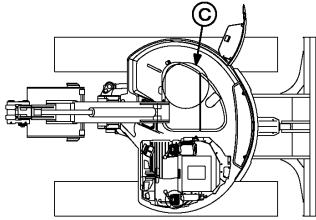
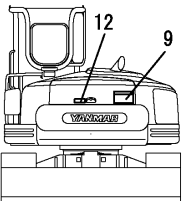
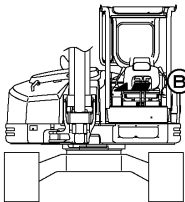
リザーバ部詳細
DETAILS OF RESERVOIR



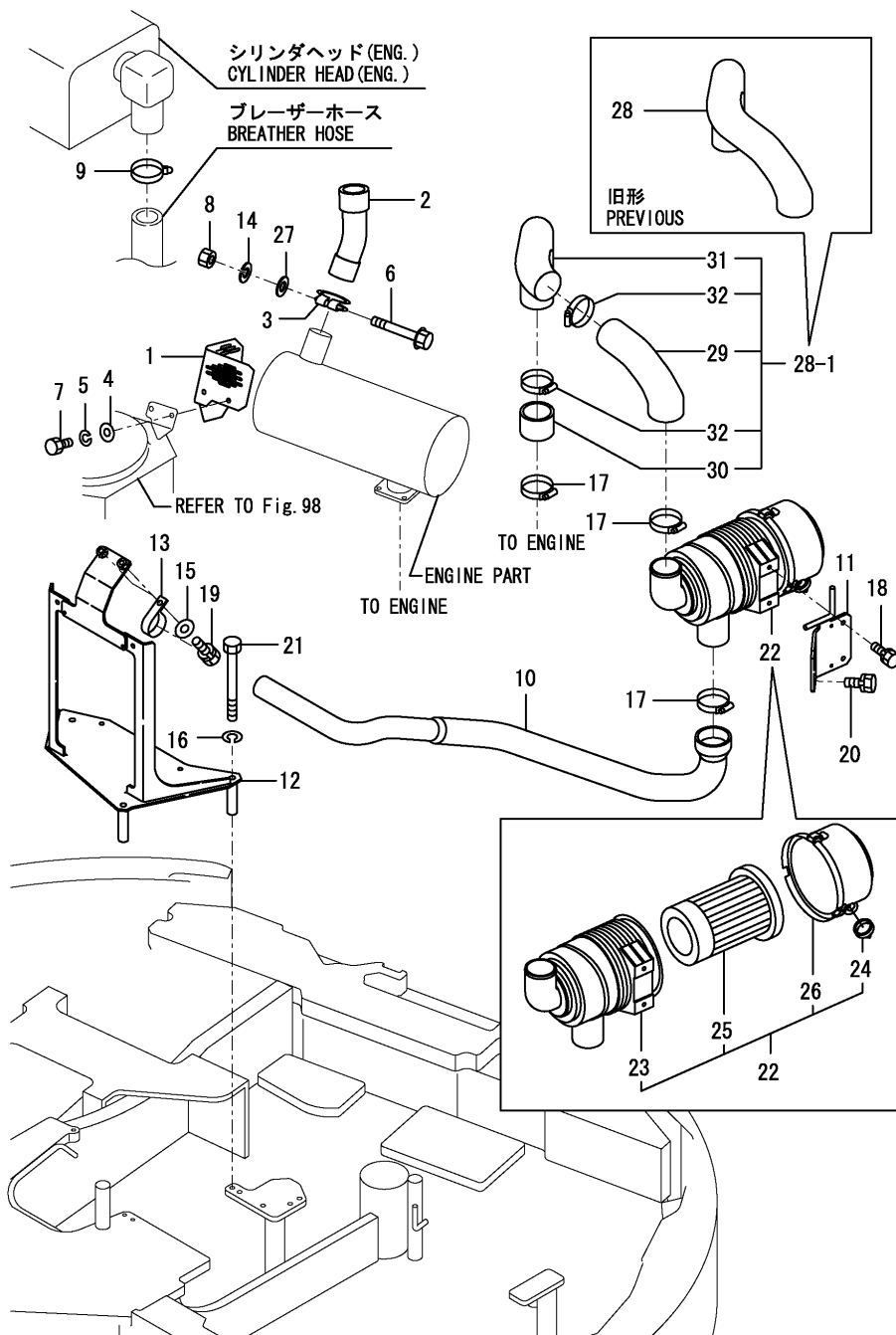
カラ見ル
VIEWED FROM (B)



カラ見ル
VIEWED FROM (A)

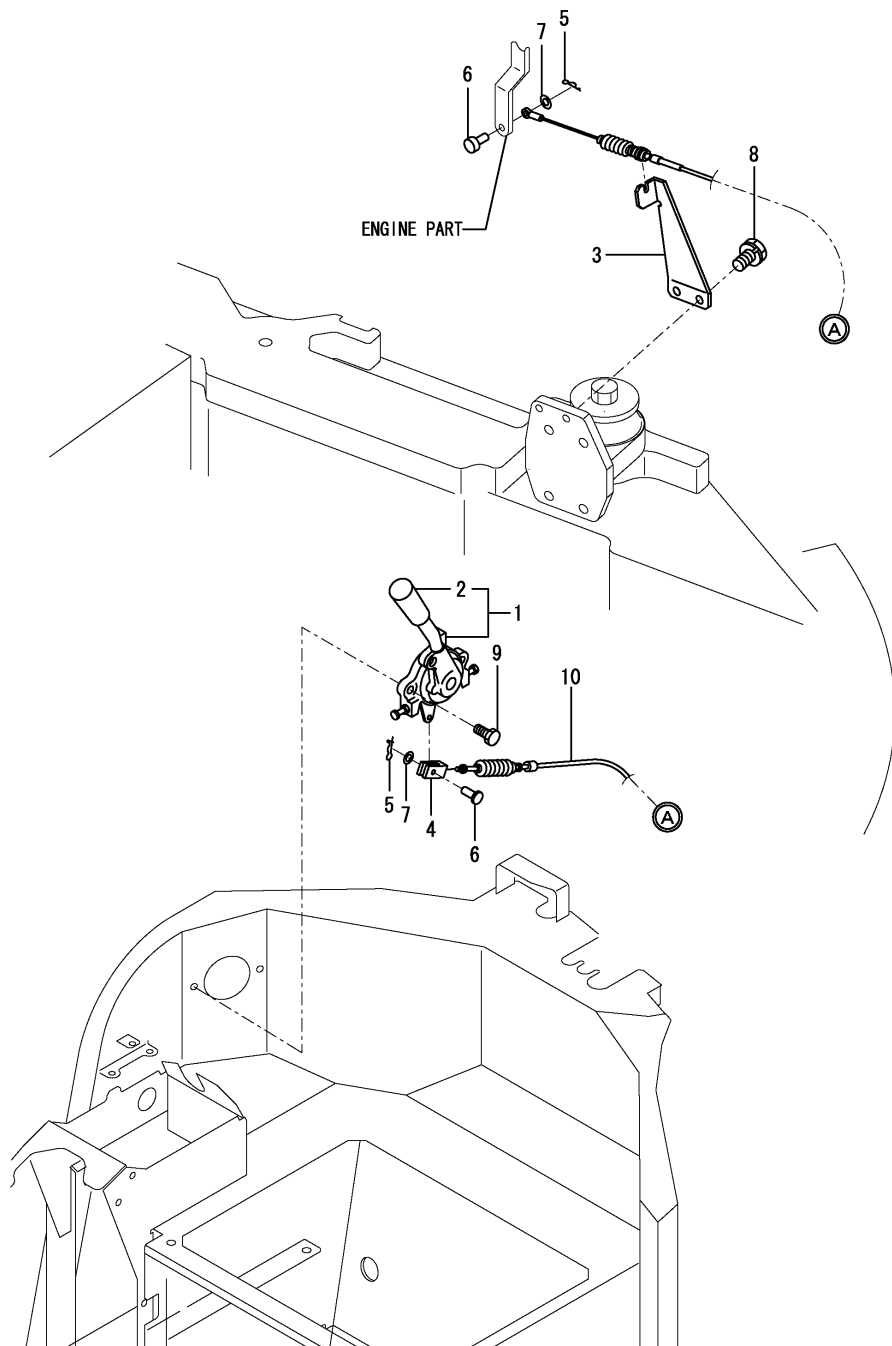


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172171-03400	TAG ASSY, CAUTION				1		1		
2	1	172141-03440	LABEL				1		1		
3	1	172171-03700	LABEL				1		1		
4	1	172171-03710	LABEL				1		1		
5	1	172171-03720	LABEL				1		1		
6	1	172171-03750	LABEL				2		2		
7	1	172171-03760	LABEL				1		1		
8	1	172171-03770	LABEL				1		1		
9	1	172171-03780	LABEL				1		1		
10	1	172171-03790	LABEL, RADIATOR				1		1		
11	1	172171-03800	LABEL				1		1		
12	1	172171-03810	LABEL				1		1		



No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-11310	COVER ASSY, MUFFLER	1	1	1	1	1	1		
2	1	172187-11350	PIPE ASSY, EXHAUST	1	1	1	1	1	1		
3	1	172187-11400	CLAMP	1	1	1	1	1	1		
4	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
5	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2		
6	1	26106-100652	BOLT, M10X 65 PLATED	1	1	1	1	1	1		
7	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2	2	2	2		
8	1	26706-100002	NUT, M10	1	1	1	1	1	1		
9	1	933152-09280	BAND	1	1	1	1	1	1	1	W
(A=M/#00819)											
10	1	172187-11520	HOSE	1	1	1	1	1	1	1	
11	1	172187-11640	BRACKET	1	1	1	1	1	1	1	
12	1	172187-11550	SUPPORT ASSY, HOSE	1	1	1	1	1	1	1	
13	1	172158-78250	CLAMP, 45	2	2	2	2	2	2	2	
14	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1	1	
15	1	22137-100000	WASHER, 10	2	2	2	2	2	2	2	
16	1	22217-100000	WASHER, SPRING 10	3	3	3	3	3	3	3	
17	1	23000-080000	CLAMP, 80	3	3	3	3	3	3	3	
18	1	26013-080202	BOLT, M8X 20	2	2	2	2	2	2	2	
19	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	2	
20	1	26013-120252	BOLT, M12X 25	2	2	2	2	2	2	2	
21	1	26116-101002	BOLT, M10X100 PLATED	3	3	3	3	3	3	3	
22	1	172187-11500	CLEANER ASSY, AIR	1	1	1	1	1	1	1	
23	2	172187-11530	BODY ASSY	1	1	1	1	1	1	1	
24	2	119808-12540	VALVE, UNLOADER	1	1	1	1	1	1	1	
25	2	129062-12560	ELEMENT	1	1	1	1	1	1	1	
26	2	129062-12570	COVER ASSY	1	1	1	1	1	1	1	
27	1	22117-100000	WASHER, 10	1	1	1	1	1	1	1	
28	1	172187-11510	PIPE, AIR INTAKE	1							
28-1	1	172187-11650	SILENCER, INTAKE	1	1	1	1	1	1	1	S
(A=M/#01041)											
29	2	172187-11660	HOSE,SUC. A	1	1	1	1	1	1	1	W
(A=M/#01041)											
30	2	172187-11670	HOSE,SUC. A	1	1	1	1	1	1	1	W
(A=M/#01041)											
31	2	172187-11680	SILENCER, INTAKE	1	1	1	1	1	1	1	W
(A=M/#01041)											
32	2	23000-080000	CLAMP, 80	2	2	2	2	2	2	2	W
(A=M/#01041)											

Fig.13. ACCELERATOR



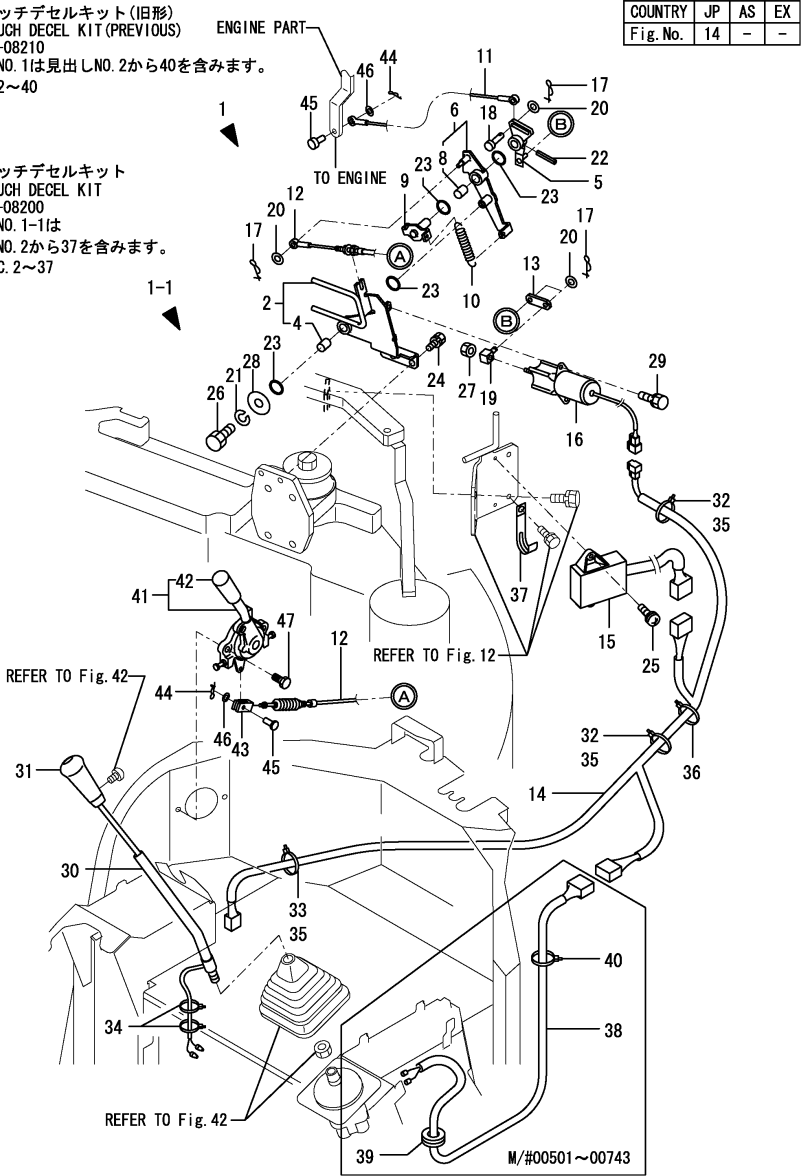
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C	(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-12100	LEVER, ACCELERATOR	1	1	1	1	1	1		
1-1	1	172187-12101	LEVER, ACCELERATE	1	1	1	1	1	1		R
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
2	2	172165-12140	GRIP	1	1	1	1	1	1		
3	1	172187-12120	SUPPORT	1	1	1	1	1	1		
4	1	172137-12270	JOINT, CABLE	1	1	1	1	1	1		
5	1	1C6281-52310	PIN, SNAP 6	2	2	2	2	2	2		
6	1	1A1040-56900	PIN, 6X17	2	2	2	2	2	2		
7	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
8	1	26013-100162	BOLT, M10X 16	2	2	2	2	2	2		
9	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
10	1	172187-12110	CABLE, ACCELERATOR	1	1	1	1	1	1		

Fig.14. ACCELERATOR(ONE-TOUCH DECEL SP

P/C NEWS No.Y00K3303-6
PUBLISHED:2007/06

ワンタッチデセルキット(旧形)
ONE TOUCH DECEL KIT(PREVIOUS)
172187-08210
見出しNO.1は見出しNO.2から40を含みます。
1 INC. 2~40

ワンタッチデセルキット
ONE TOUCH DECEL KIT
172187-08200
見出しNO.1-1は
見出しNO.2から37を含みます。
1-1 INC. 2~37



COUNTRY	JP	AS	EX
Fig. No.	14	-	-

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08210	LABEL SET, 1-TOUCH	1							
1-1	1	172187-08200	LABEL SET, 1-TOUCH	1	1						S
(A=M/#00744)											
2	2	172187-12200	BASE CMP	1	1						
4	3	24550-014200	BUSH, 14X20	1	1						
5	2	172187-12260	LINK A	1	1						
6	2	172187-12280	LINK B	1	1						
8	3	24550-014200	BUSH, 14X20	1	1						
9	2	172187-12320	SHAFT ASSY, DESEL	1	1						
10	2	172187-12340	SPRING, RETURN	1	1						
11	2	172187-12350	CABLE, ACCELERATOR	1	1						
12	2	172187-12360	CABLE, ACCELERATOR	1	1						
13	2	172175-12370	PLATE	1	1						
14	2	172187-16570	HARNES	1	1						
15	2	172190-17220	RELEY, TIMER	1	1						
16	2	172187-17900	SOLENOID	1	1						
17	2	1C6281-52310	PIN, SNAP 6	4	4						
18	2	1A3809-56915	PIN, 6X20	1	1						
19	2	119620-66820	JOINT	1	1						
19-1	2	172A21-12250	JOINT	1	1						N
(A=XXX) (B=XXX)											
20	2	22137-060000	WASHER, 6	5	5						
21	2	22217-100000	WASHER, SPRING 10	1	1						
22	2	22351-040025	PIN, SPRING 4.0X25	1	1						
23	2	24311-000210	O-RING, 1AP21.0	4	4						
24	2	26013-100162	BOLT, M10X 16	2	2						
25	2	26022-060252	SCREW, M6X25	2	2						
26	2	26116-100162	BOLT, M10X 16 PLATED	1	1						
27	2	26716-060002	NUT, M6	1	1						
28	2	933166-17730	WASHER	1	1						
29	2	26013-060162	BOLT, M6X 16	2	2						
30	2	172190-45080	LEVER, DECEL	1	1						
31	2	172187-45080	KNOB, DESEL	1	1						
32	2	172122-79920	CLIP, HOSE	2							Z
(A=M/#00819)											
33	2	172122-79930	CLAMP, HOSE	1							Z
(A=M/#00819)											
34	2	933168-55770	BAND	2	2						
35	2	933152-09280	BAND	3	3						W
(A=M/#00819)											
36	2	933152-09280	BAND	1	1						W
(A=M/#01819)											
37	2	1A1680-57850	CLAMP 8X100	1	1						
38	2	172187-16580	HARNES	1	1						Z 1
(A=M/#00744)											
39	2	172162-61850	GROMMET	1	1						Z 1
(A=M/#00744)											
40	2	172122-79920	CLIP, HOSE	1	1						Z 1
(A=M/#00744)											
41	1	172187-12100	LEVER, ACCELERATOR	1	1						
41-1	1	172187-12101	LEVER, ACCELERATE	1	1						R

Fig.14. ACCELERATOR(ONE-TOUCH DECEL SP

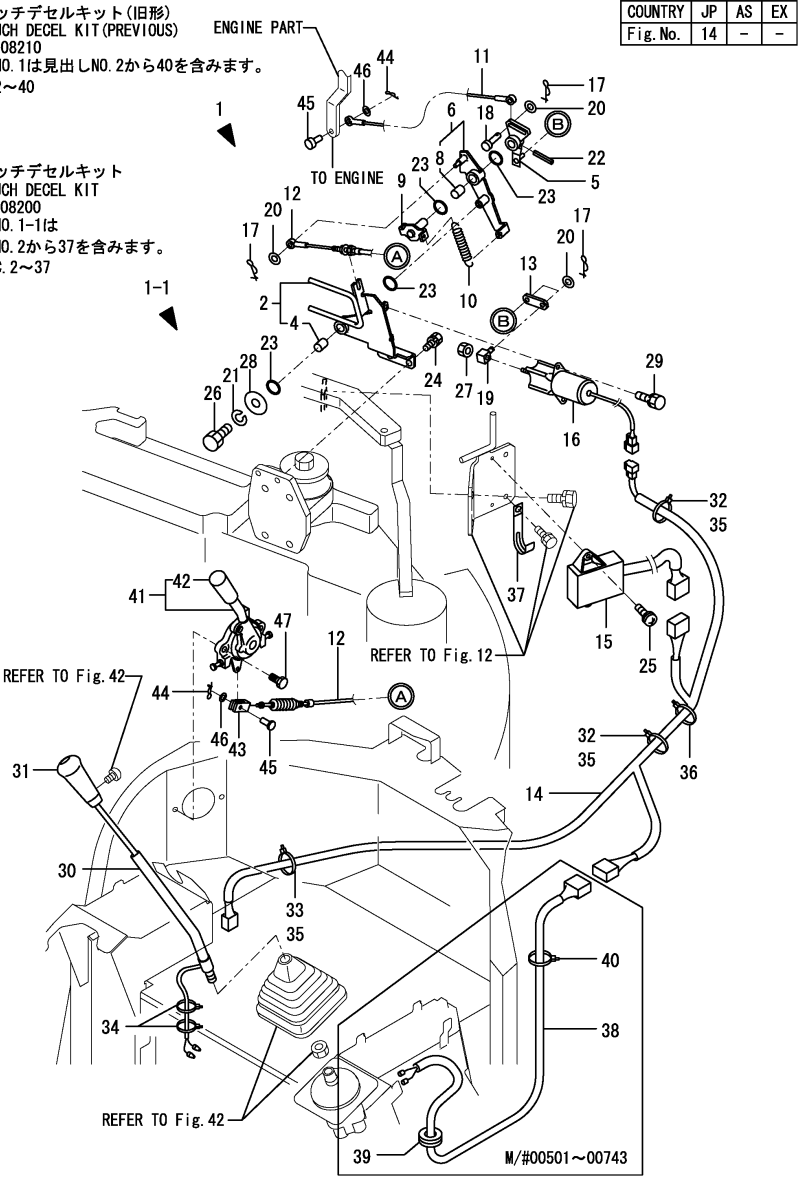
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

P/C NEWS No:Y00K3303-6
PUBLISHED:2007/06

ワンタッチデセルキット(旧形)
ONE TOUCH DECEL KIT(PREVIOUS)
172187-08210
見出しNO.1は見出しNO.2から40を含みます。
1 INC. 2~40

ワンタッチデセルキット
ONE TOUCH DECEL KIT
172187-08200
見出しNO.1-1は
見出しNO.2から37を含みます。
1-1 INC. 2~37

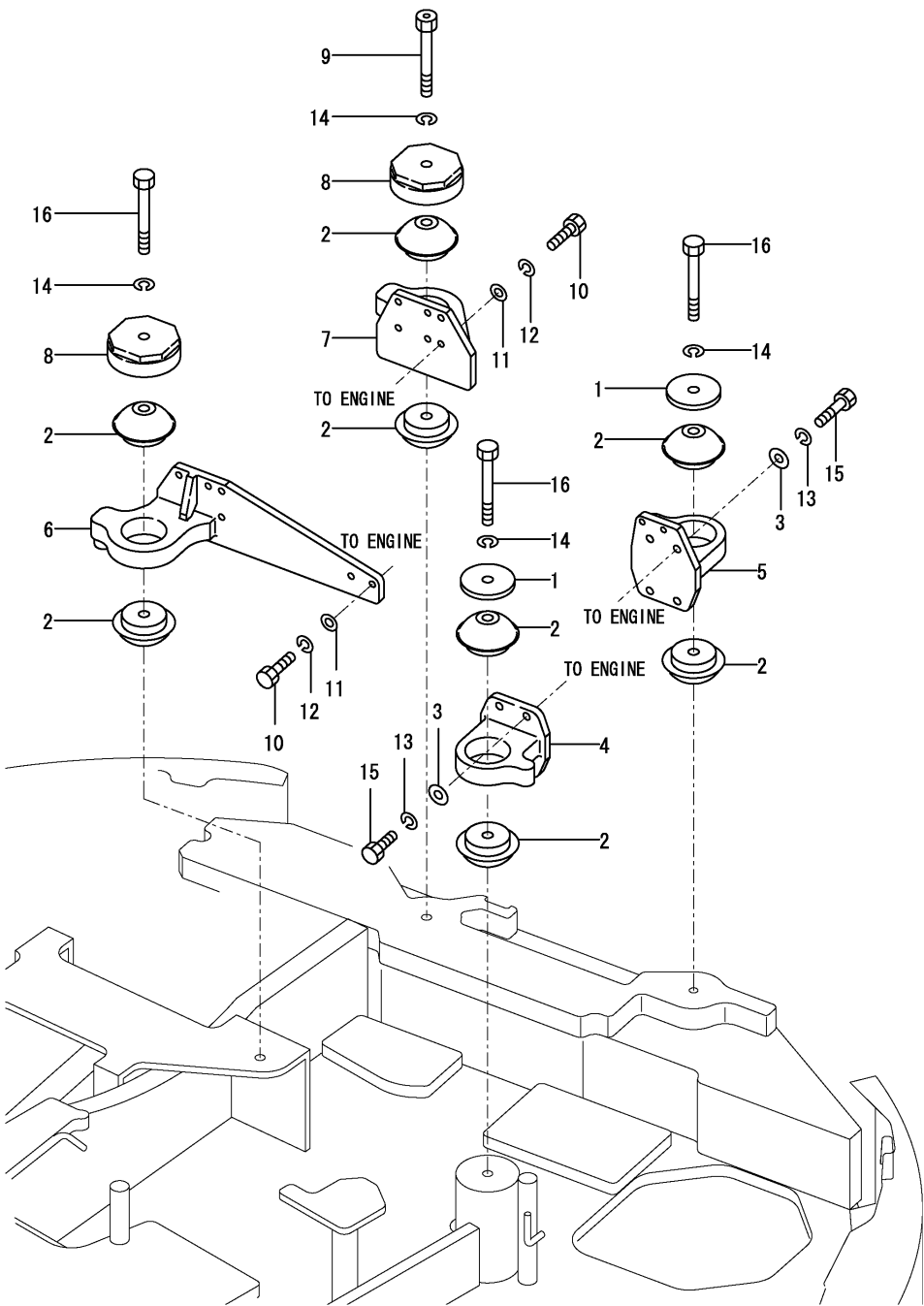


COUNTRY	JP	AS	EX
Fig. No.	14	-	-

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
		(A=M/#01675)	(B=M/#01675)								
42	2	172165-12140	GRIP	1	1						
43	1	172137-12270	JOINT, CABLE	1	1						
44	1	1C6281-52310	PIN, SNAP 6	2	2						
45	1	1A1040-56900	PIN, 6X17	2	2						
46	1	22137-060000	WASHER, 6	2	2						
47	1	26013-100252	BOLT, M10X 25	2	2						

Remarks
(1)REF.NO.1 IS SAME WITH 1-1,38,39
& 40.

Fig.15. ENGINE MOUNT

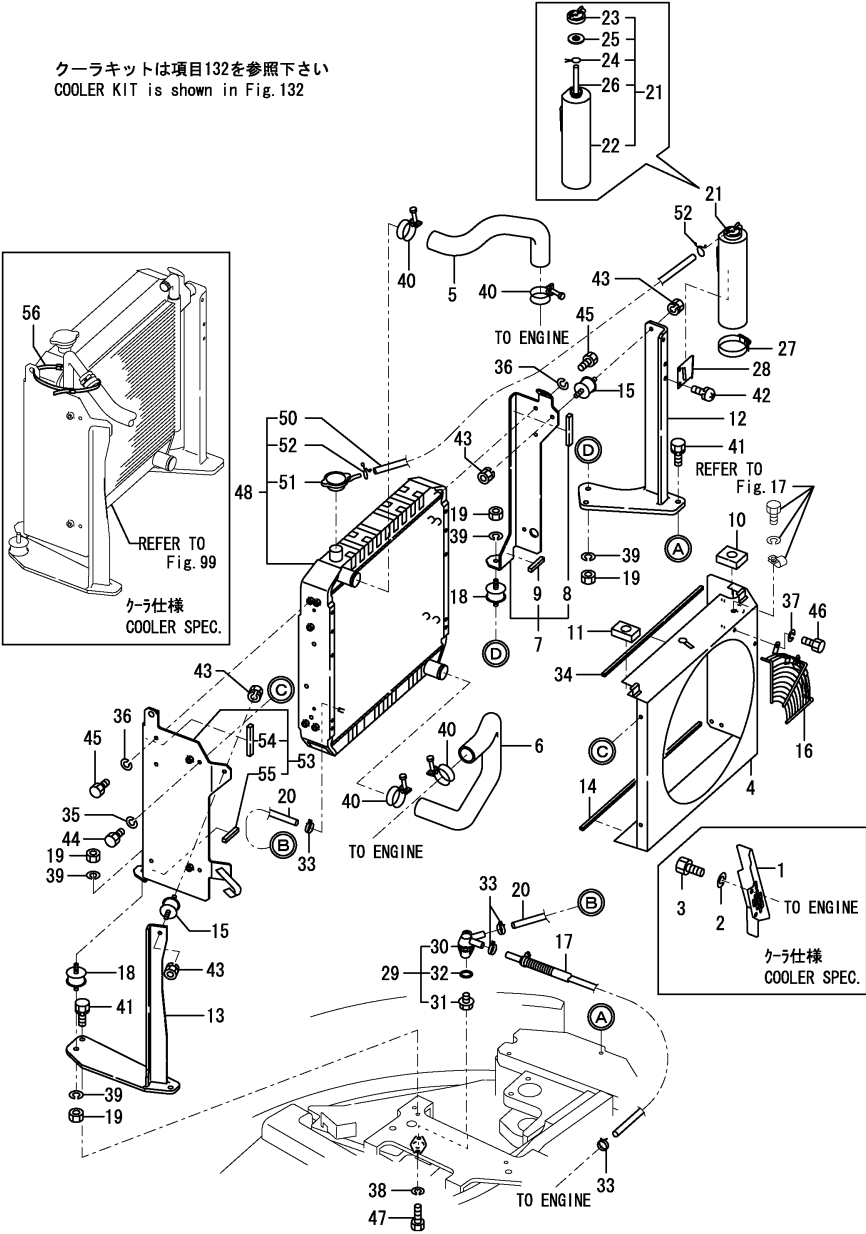


				OCK10-M33003 Fig.15							
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C	(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-13170	WASHER	2	2	2	2	2	2		
2	1	172162-13180	MOUNT, ENGINE	8	8	8	8	8	8		
3	1	172165-13220	WASHER	8	8	8	8	8	8		
4	1	172187-13700	BRACKET, FR	1	1	1	1	1	1		
5	1	172187-13730	BRACKET, RF	1	1	1	1	1	1		
5-1	1	172187-13731	BRACKET	1	1	1	1	1	1		R
				(A=M/#06045)	(B=M/#06045)	(C=M/#06045)	(D=M/#06045)	(E=M/#06045)	(F=M/#06045)		
6	1	172187-13760	BRACKET, RR	1	1	1	1	1	1		
7	1	172187-13800	BRACKET, LR	1	1	1	1	1	1		
8	1	172187-13830	STOPPER ASSY	2	2	2	2	2	2		
9	1	172187-13870	BOLT 16X30	1	1	1	1	1	1		
10	1	1E6480-16920	BOLT	12	12	12	12	12	12		
11	1	172137-46040	SEAT, SPRING	12	12	12	12	12	12		
12	1	22217-100000	WASHER, SPRING 10	12	12	12	12	12	12		
13	1	22217-120000	WASHER, SPRING 12	8	8	8	8	8	8		
14	1	22217-160000	WASHER, SPRING 16	4	4	4	4	4	4		
15	1	26076-120352	BOLT, 10.912X 35	8	8	8	8	8	8		
16	1	26076-161302	BOLT, 10.916X130	3	3	3	3	3	3		

Fig.16. RADIATOR & MOUNT

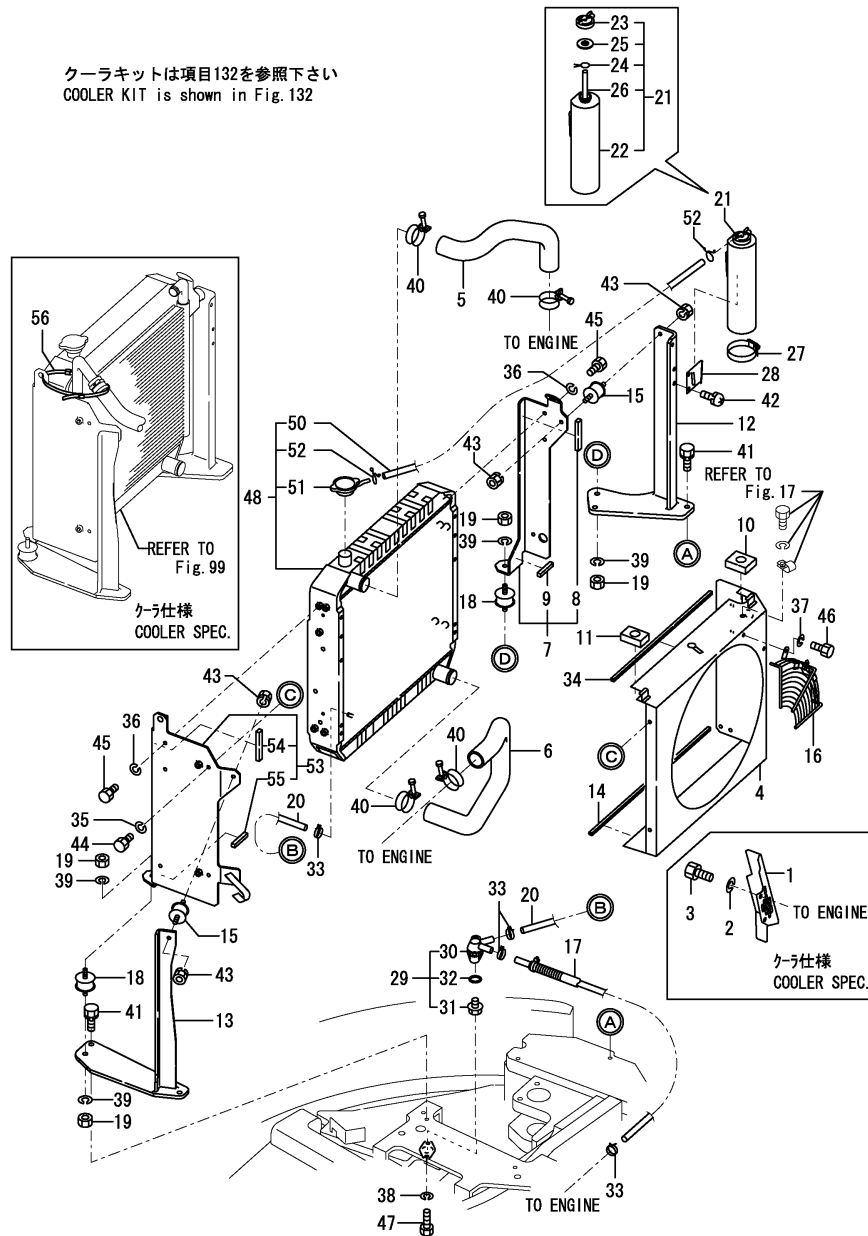
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-18400	GUARD	1		1		1			2
1-1	1	172187-18401	GUARD ASSY, BELT (C=M/#01406)			1		1		N	2
2	1	22217-100000	WASHER, SPRING 10	2		2		2			2
3	1	26116-100162	BOLT, M10X 16 PLATED	2		2		2			2
4	1	172187-13260	SHROUD ASSY	1							
4-1	1	172187-13261	SHROUD ASSY (A=M00647)	1	1	1	1	1	1	1	N
5	1	172187-13300	HOSE A, RADIATOR	1	1	1	1	1	1		
6	1	172187-13310	HOSE B, RADIATOR	1	1	1	1	1	1		
7	1	172187-13320	MOUNT R	1	1	1	1	1	1		
8	2	172187-13530	SEAL, RADIATOR	1	1	1	1	1	1		
9	2	172187-13540	SEAL, RADIATOR	1	1	1	1	1	1		
10	1	172187-13360	SEAL	1	1	1	1	1	1		
11	1	172187-13370	SEAL	1	1	1	1	1	1		
12	1	172187-13390	BRACKET R	1	1	1	1	1	1		
13	1	172187-13420	BRACKET L	1	1	1	1	1	1		
14	1	172187-13480	SEAL	1	1	1	1	1	1		
15	1	172124-13500	MOUNT, PAD	2	2	2	2	2	2		
16	1	172187-13501	NET ASSY, WIRE	1	1	1	1	1	1		1
17	1	172187-13550	HOSE 1200	1	1	1	1	1	1		
18	1	172162-13780	MOUNT, PAD	2	2	2	2	2	2		
19	1	26716-100002	NUT, M10	4	4	4	4	4	4		
20	1	172171-14610	HOSE, FUEL	1	1	1	1	1	1		
21	1	171064-44510	TANK ASSY, SUB	1	1	1	1	1	1		
22	2	171064-44520	BODY, TANK	1	1	1	1	1	1		
23	2	121450-44531	CAP	1	1	1	1	1	1		
24	2	124450-44560	RETAINER	1	1	1	1	1	1		
25	2	121470-44581	GASKET	1	1	1	1	1	1		
26	2	23065-070225	HOSE 7X 225	1	1	1	1	1	1		
27	1	124450-44550	BAND	1	1	1	1	1	1		
28	1	121256-44600	BRACKET, SUB TANK	1	1	1	1	1	1		
29	1	121450-49110	COCK ASSY, 3-WAY	1	1	1	1	1	1		
30	2	121450-49100	BODY, 3-WAY COCK	1	1	1	1	1	1		
31	2	121250-49121	PLUG, DRAIN	1	1	1	1	1	1		
32	2	24311-000160	O-RING, 1AP16.0	1	1	1	1	1	1		
33	1	124766-59050	CLIP, HOSE 12	4	4	4	4	4	4		
34	1	172162-62540	SEAL, STEP	1	1	1	1	1	1		
35	1	22217-080000	WASHER, SPRING 8	3	3	3	3	3	3		
36	1	22217-080000	WASHER, SPRING 8	6	6	6	6	6	6		
37	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2		1
38	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2		
39	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
40	1	23010-050000	CLAMP, 50	4	4	4	4	4	4		
41	1	26013-100252	BOLT, M10X 25	4	4	4	4	4	4		
42	1	26022-080162	SCREW, M8X16	2	2	2	2	2	2		
43	1	26051-080002	NUT, M8	4	4	4	4	4	4		
44	1	26116-080162	BOLT, M8X 16 PLATED	3	3	3	3	3	3		
45	1	26116-080162	BOLT, M8X 16 PLATED	6	6	6	6	6	6		
46	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2	2	2	2		1
47	1	26116-080252	BOLT, M8X 25 PLATED	2	2	2	2	2	2		

Remarks
(1)NOT APPLIED FOR COOLER SPEC.
(2)COOLER SPEC.

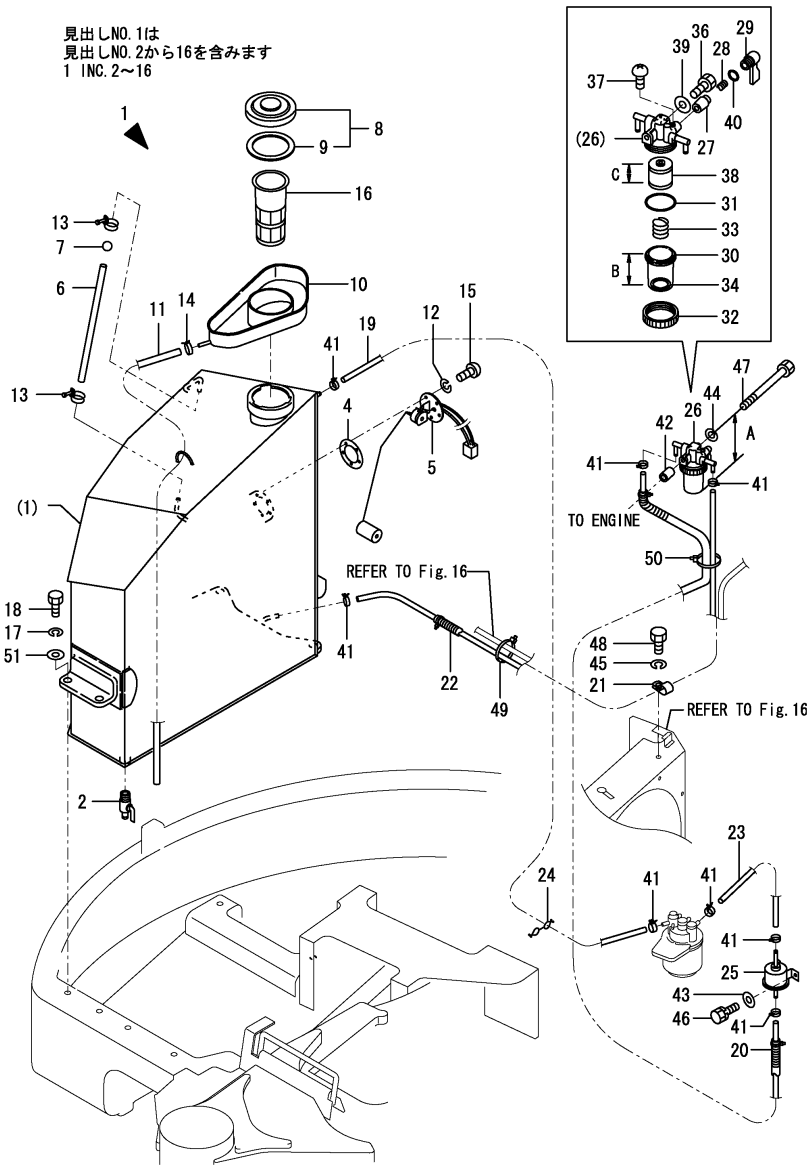


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	1	172187-13900	RADIATOR	1							
48-1	1	172187-13901	RADIATOR	1	1	1	1	1	1	1	N
(A=M/#01106)											
48-2	1	172187-13902	RADIATOR ASSY	1	1	1	1	1	1	1	N
		(A=M/#05256)	(B=M/#05256) (C=M/#05256) (D=M/#05256)	(E=M/#05256)	(F=M/#05256)						
50	2	172187-13920	HOSE, RUBBER	1	1	1	1	1	1	1	
50-1	2	172187-13921	HOSE, RUBBER	1	1	1	1	1	1	1	N
		(A=M/#05256) (B=M/#05256) (C=M/#05256) (D=M/#05256)	(E=M/#05256) (F=M/#05256)								
51	2	119259-44570	CAP, RADIATOR	1	1	1	1	1	1	1	
52	2	121250-44590	CLAMP	2	2	2	2	2	2	2	
53	1	172187-13250	MOUNT L	1	1	1	1	1	1	1	
54	2	172187-13530	SEAL, RADIATOR	1	1	1	1	1	1	1	
55	2	172187-13540	SEAL, RADIATOR	1	1	1	1	1	1	1	
56	1	172122-79890	CLAMP, HOSE	5							2

Remarks
(1)NOT APPLIED FOR COOLER SPEC.
(2)COOLER SPEC.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

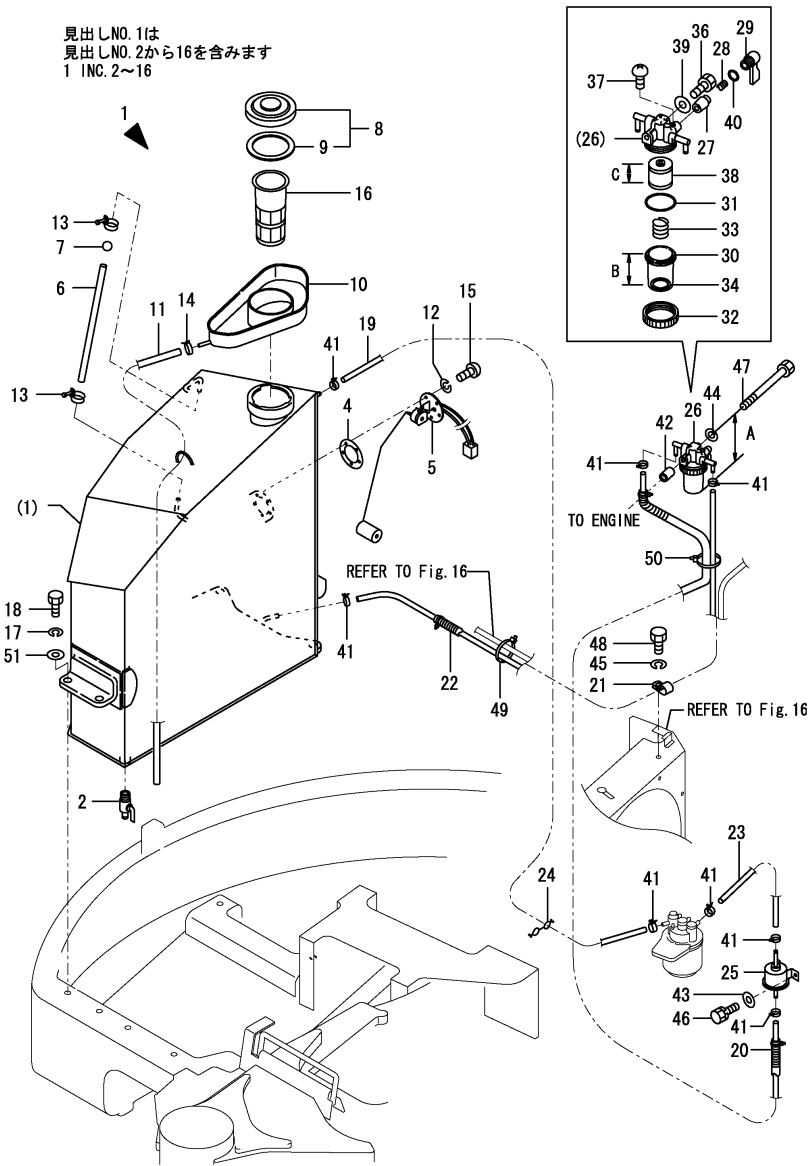
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-14100	TANK ASSY, FUEL	1	1	1	1	1	1		
2	2	104200-11920	COCK, WATER	1	1	1	1	1	1		
4	2	172162-14200	GASKET	1	1	1	1	1	1		
5	2	172187-14220	GAUGE, FUEL	1	1	1	1	1	1		
6	2	172187-14240	HOSE	1	1	1	1	1	1		
7	2	172141-14260	FLOAT	1	1	1	1	1	1		
8	2	172187-14280	CAP ASSY, TANK	1	1	1	1	1	1		
8-1	1	172455-14340	CAP ASSY, TANK	1	1	1	1	1	1		R
(A=M/#05297) (B=M/#05297) (C=M/#05297) (D=M/#05297) (E=M/#05297) (F=M/#05297)											
9	3	172187-14320	GASKET	1	1	1	1	1	1		
10	2	172187-14500	CATCH, FUEL	1	1	1	1	1	1		
11	2	172187-14510	HOSE	1	1	1	1	1	1		
12	2	22217-050000	WASHER, SPRING 5	5	5	5	5	5	5		
13	2	23010-014000	CLAMP, 14	2	2	2	2	2	2		
14	2	23080-013000	CLAMP, 13	1	1	1	1	1	1		
15	2	26557-050122	SCREW, M5X12	5	5	5	5	5	5		
16	2	172187-14290	NET, FUEL	1	1	1	1	1	1		
17	1	22217-160000	WASHER, SPRING 16	4	4	4	4	4	4		
18	1	26116-160402	BOLT, M16X 40 PLATED	4	4	4	4	4	4		
19	1	172187-14390	HOSE	1	1	1	1	1	1		
20	1	172187-14430	HOSE	1	1	1	1	1	1		
21	1	172187-14460	CLAMP	4	4	4	4	4	4		
22	1	172187-14470	HOSE	1	1	1	1	1	1		
23	1	172171-14610	HOSE, FUEL	1	1	1	1	1	1		
24	1	172122-16600	CLAMP, DOUBLE	1	1	1	1	1	1		
25	1	119225-52102	PUMP ASSY, FUEL FEED	1	1	1	1	1	1		
26	1	129335-55700	SEPARATOR ASSY, WATER	1							
26-1	1	129335-55705	SEPARATOR, WATER	1	1	1	1	1	1	1	F 1
(A=M00567)											
27	2	104200-55321	VALVE, TAPER	1	1	1	1	1	1		
28	2	104200-55330	SPRING, VALVE	1	1	1	1	1	1		
29	2	104200-55341	HANDLE	1	1	1	1	1	1		
30	2	124064-55510	COVER	1							
30-1	2	121254-55510	COVER	1	1	1	1	1	1	1	S 2
(A=M00567)											
31	2	102103-55520	O-RING	1	1	1	1	1	1		
32	2	110250-55610	RING, RETAINING	1	1	1	1	1	1		
33	2	121257-55720	SPRING	1	1	1	1	1	1		
34	2	121257-55731	FLOAT	1	1	1	1	1	1		
36	2	101720-55750	PLUG, 6	2	2	2	2	2	2		
37	2	104200-55750	SCREW, M4	1	1	1	1	1	1		
38	2	171081-55910	SCREEN	1							
38-1	2	121850-55710	SCREEN	1	1	1	1	1	1	1	S 3
(A=M00567)											
39	2	23418-060000	GASKET, 6X1.0	2	2	2	2	2	2		
40	2	24311-240100	O-RING, 1AP10A	1	1	1	1	1	1		
41	1	124766-59050	CLIP, HOSE 12	8	8	8	8	8	8		
42	1	172110-78320	COLLAR	1							Z
(A=M00567)											
43	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
44	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

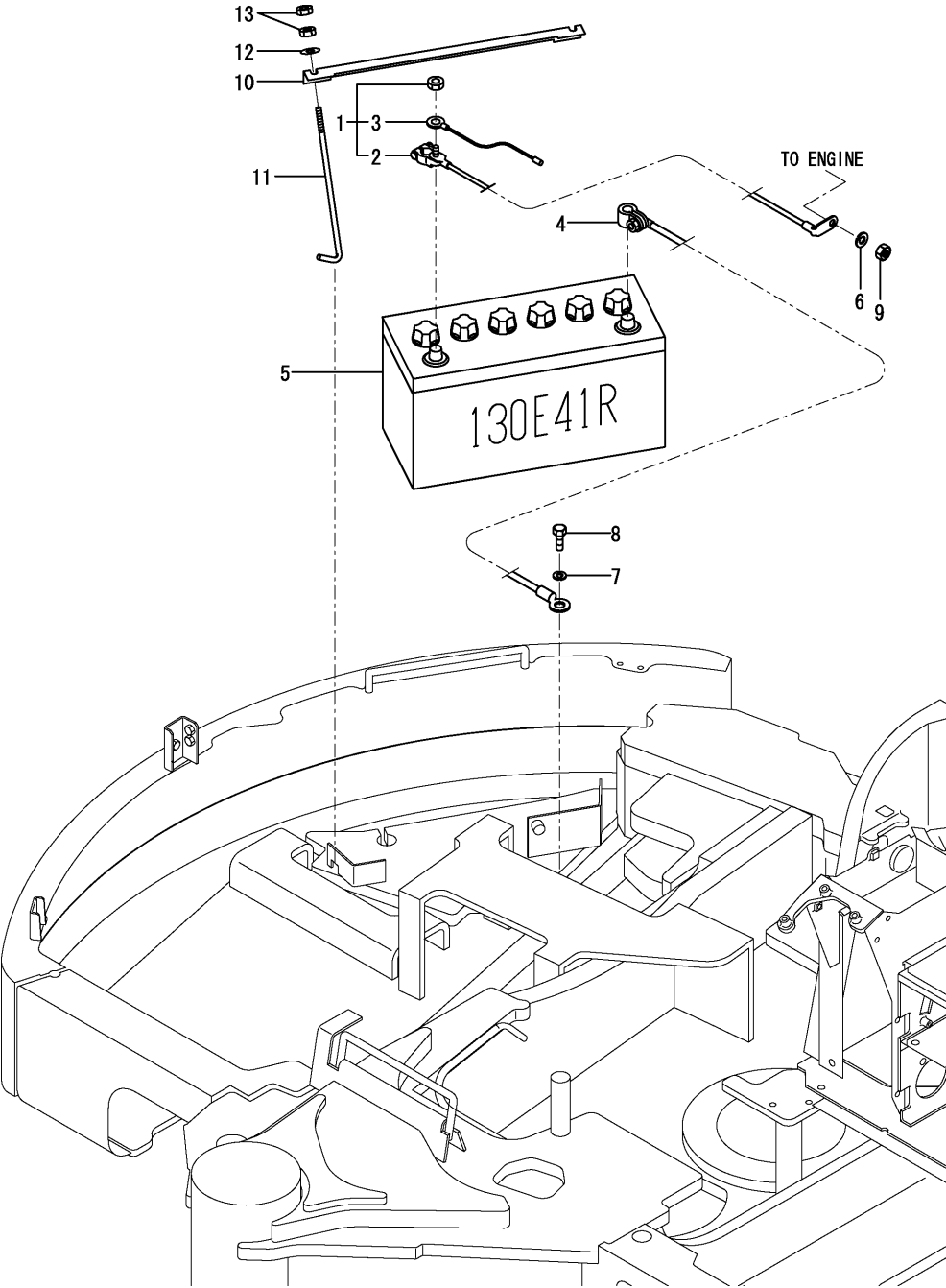
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
45	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
46	1	26013-060162	BOLT, M6X 16	2	2	2	2	2	2		
47	1	26116-080852	BOLT, M8X 85 PLATED	1							
47-1	1	26116-080652 (A=M00567)	BOLT, M8X 65 PLATED	1	1	1	1	1	1	S	
48	1	26116-100162	BOLT, M10X 16 PLATED	4	4	4	4	4	4		
49	1	933152-09280	BAND	1	1	1	1	1	1		
50	1	933168-55770	BAND	1	1	1	1	1	1		
51	1	22137-160000	WASHER, 16	4	4	4	4	4	4		

Remarks
(1)A=REFER NO.26 96MM,NO.26-1 116MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.47-1
(2)B=REFER NO.30 77MM,NO.30-1 97MM.
(3)C=REFER NO.38 50MM,NO.38-1 70MM.

Fig.18. BATTERY



0CK10-M33003 Fig.18

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-16100	CORD, BATTERY	1	1	1	1	1	1		
2	2	172187-16120	CORD, BATTERY	1	1	1	1	1	1		
3	2	172187-16130	WIRE, FUSIBLE	1	1	1	1	1	1		
4	1	172187-16110	CORD, BATTERY	1	1	1	1	1	1		
5	1	172187-16150	BATTERY	1	1	1	1	1	1		
6	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
7	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
8	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1	1	1		
9	1	26716-080002	NUT, M8	1	1	1	1	1	1		
10	1	172112-16201	RETAINER, BATTERY	1	1	1	1	1	1		
11	1	172512-16350	ROD, CLAMP	2	2	2	2	2	2		
12	1	22157-080000	WASHER, 8	2	2	2	2	2	2		
13	1	26716-080002	NUT, M8	4	4	4	4	4	4		

N:Old

Yes
No

New, Q:Old

No
Yes

New, R:Old

Yes
No

New, S:Old

No
Yes

New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.19. ELECTRIC PART(WIRING)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	3	3	3	3	3	3		
2	1	172187-16500	HARNESS A	1	1	1	1	1	1		
3	1	172187-16510	HARNESS B	1							
3-1	1	172187-16511	NARNESS B	1	1	1	1	1	1	N	
(A=M/#01234)											
4	1	172187-16520	HARNESS C	1	1	1	1	1	1		
5	1	172187-16530	HARNESS, WIRE	1	1	1	1	1	1		
6	1	933152-09280	BAND	2	2	2	2	2	2		
7	1	172187-16560	GROMMET	2	2	2	2	2	2		
8	1	172187-16600	CORD, ENGINE EARTH	1	1	1	1	1	1		
9	1	194440-51620	CLAMP	2	2	2	2	2	2		
10	1	194440-51620	CLAMP	1	1	1	1	1	1		
11	1	1A1380-58050	GROMMET, 16X20X4.5	1	1	1	1	1	1		
11-1	1	933171-15680	GROMMET	1	1	1	1	1	1	S	
(A=M/#01661) (B=M/#01661) (C=M/#01661) (D=M/#01661) (E=M/#01661) (F=M/#01661)											
12	1	172131-78350	GROMMET, 13.5	1	1	1	1	1	1		
13	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
14	1	22137-100000	WASHER, 10	1	1	1	1	1	1		
15	1	22217-050000	WASHER, SPRING 5	1	1	1	1	1	1		
16	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2		
17	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
18	1	22217-100000	WASHER, SPRING 10	2	2	2	2	2	2		
19	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
20	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2	2	2	2		
21	1	26116-080162	BOLT, M8X 16 PLATED	1	1	1	1	1	1		
22	1	26116-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2		
23	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1	1	1		
24	1	26716-050002	NUT, M5	1	1	1	1	1	1		
25	1	933152-09280	BAND	5	5	5	5	5	5		
26	1	172122-79920	CLIP, HOSE	1	1	1	1	1	1		
27	1	172187-16550	HARNESS F	1							
27-1	1	172187-16551	HARNESS F	1						N	
(A=*1997.01)											
27-2	1	172187-16552	HARNESS F	1		1		1		N	
(A=M/#01041)											
28	1	933152-09280	BAND	2		2		2			
29	1	172643-11610	BUSH	1		1		1			

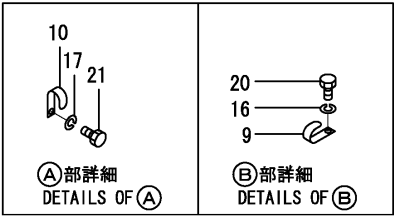
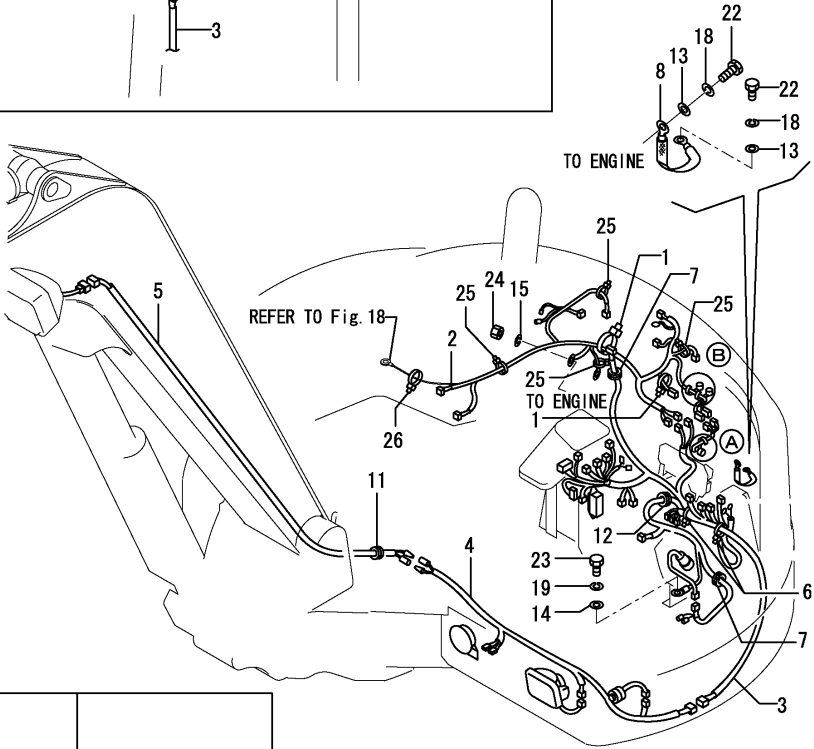
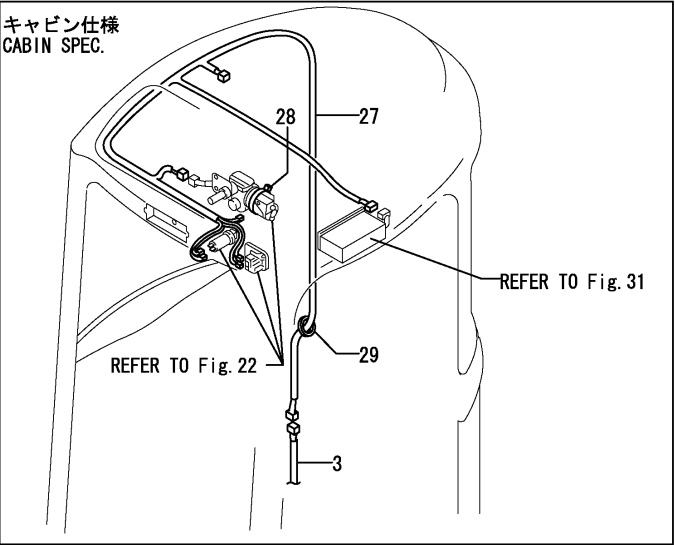
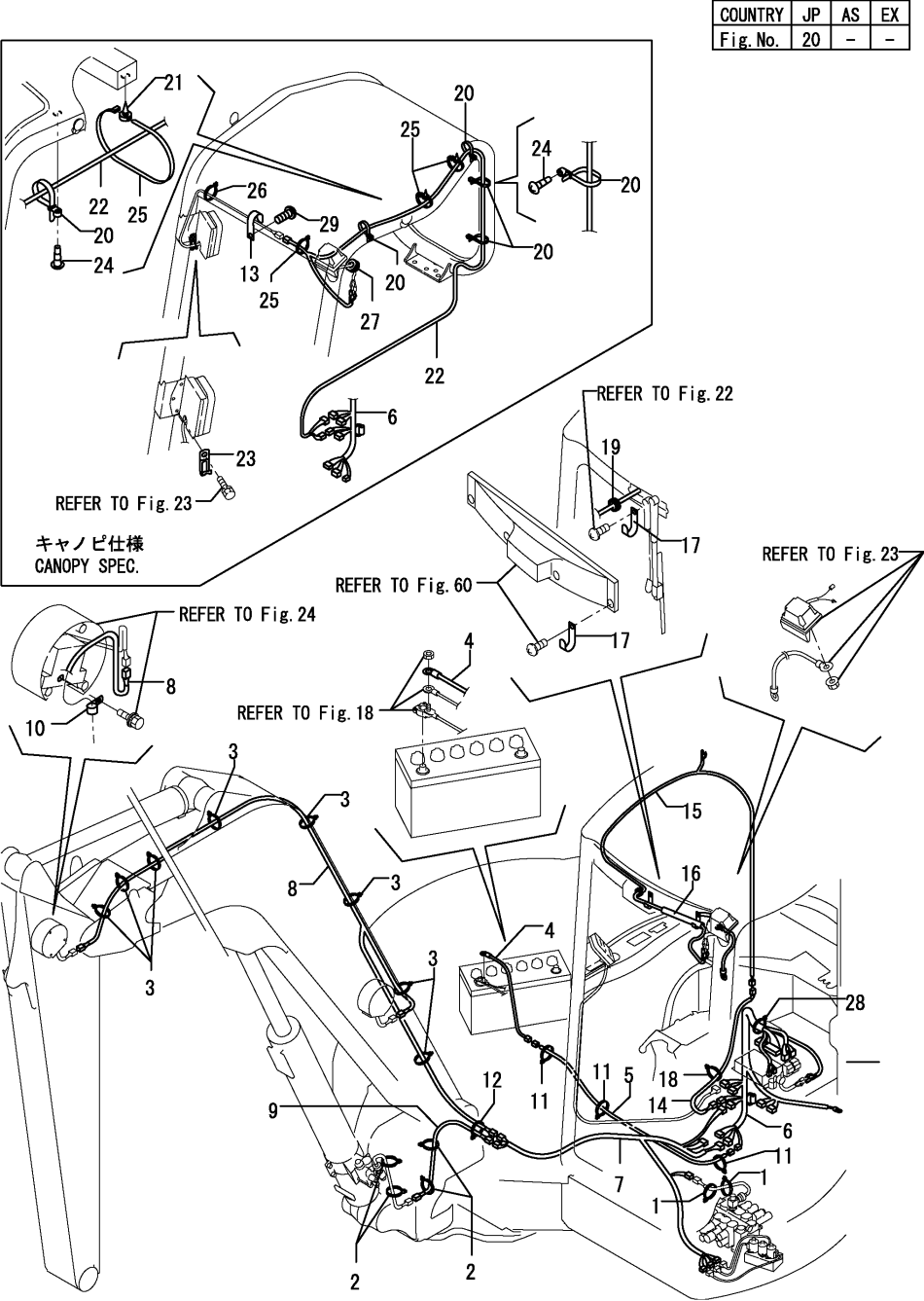


Fig.20. ELECTRIC PART(WIRING : CRANE)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

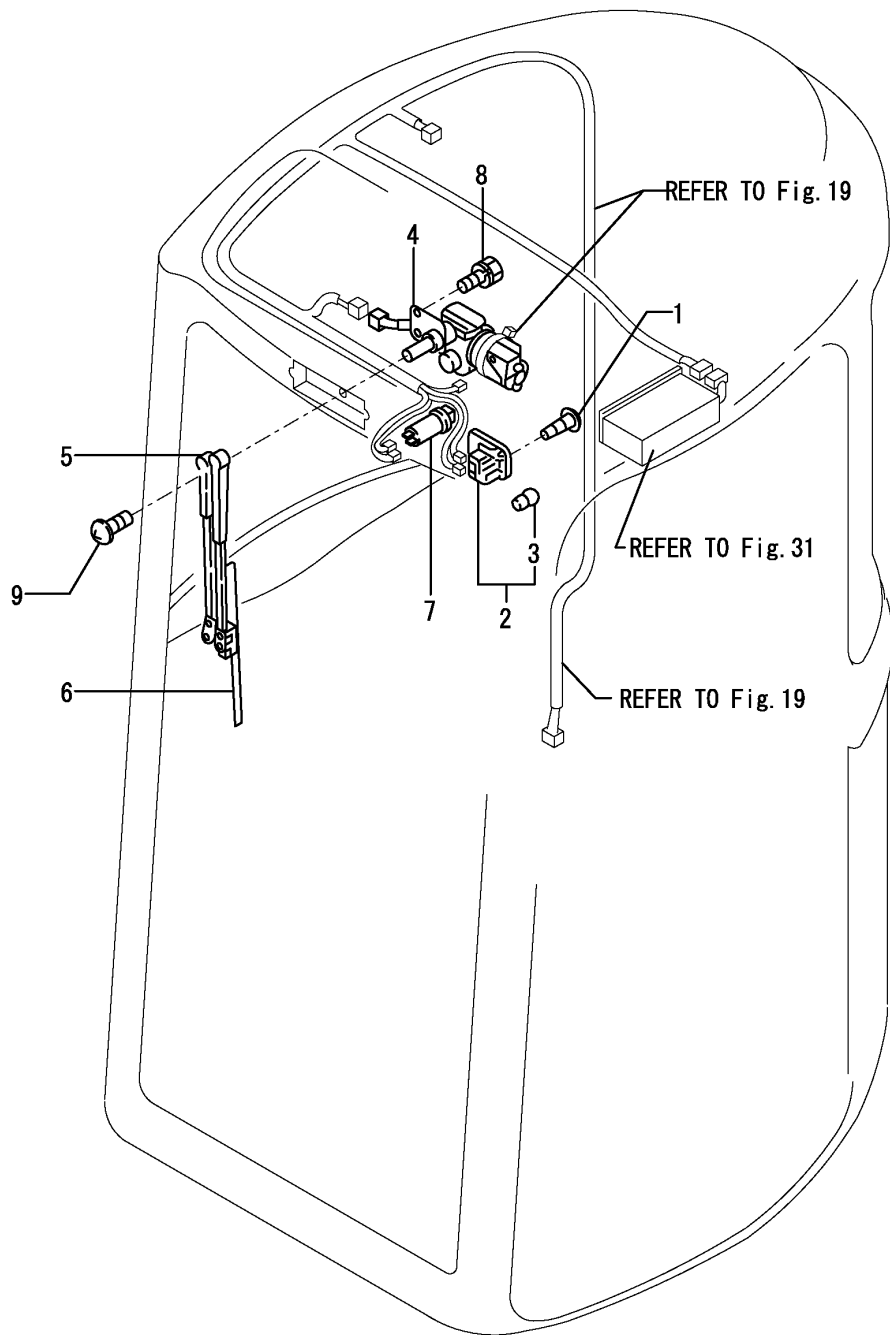
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



COUNTRY	JP	AS	EX
Fig. No.	20	-	-

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-16560	BAND	2	2						
2	1	172137-16560	BAND	4	4						
3	1	172137-16560	BAND	15	15						
4	1	172732-16560	LINK, FUSIBLE	1	1						
5	1	172187-16700	HARNESS,C-A	1	1						
6	1	172187-16710	HARNESS,C-B	1	1						
7	1	172187-16720	HARNESS,C-C	1	1						
8	1	172187-16730	HARNESS,C-D	1	1						
9	1	172187-16740	HARNESS	1	1						
10	1	172183-46440	CLAMP, WRC10	2	2						
11	1	933152-09280	BAND	3	3						
12	1	933152-09280	BAND	1	1						
13	1	172187-17520	CLAMP, 5X35		3						W
(B=M/#05284)											
14	1	172187-16750	HARNESS,C-F	1							
15	1	172187-16760	HARNESS,C-G	1							
15-1	1	172187-16761	HARNESS	1							N
(A=M/#05096)											
16	1	172187-16780	TUBE	1							
17	1	172187-17520	CLAMP, 5X35	2							
18	1	933152-09280	BAND	2							
19	1	933168-56000	GROMMET, 17X9	2							
20	1	172122-16590	BAND 200F		4						
21	1	172187-16660	PUSH MOUNT		2						
22	1	172187-16770	HARNESS		1						
23	1	194440-51620	CLAMP		1						
24	1	26557-050122	SCREW, M5X12		4						
25	1	933152-09280	BAND		3						
26	1	933152-09280	BAND		1						
27	1	933168-56000	GROMMET, 17X9		1						
28	1	933152-09280	BAND	2							W
(A=M/#05096)											
29	1	22857-500100	SCREW, 5X10		3						W
(B=M/#05284)											

Fig.22. ELECTRIC PART(ROOMLANP,WIPER)

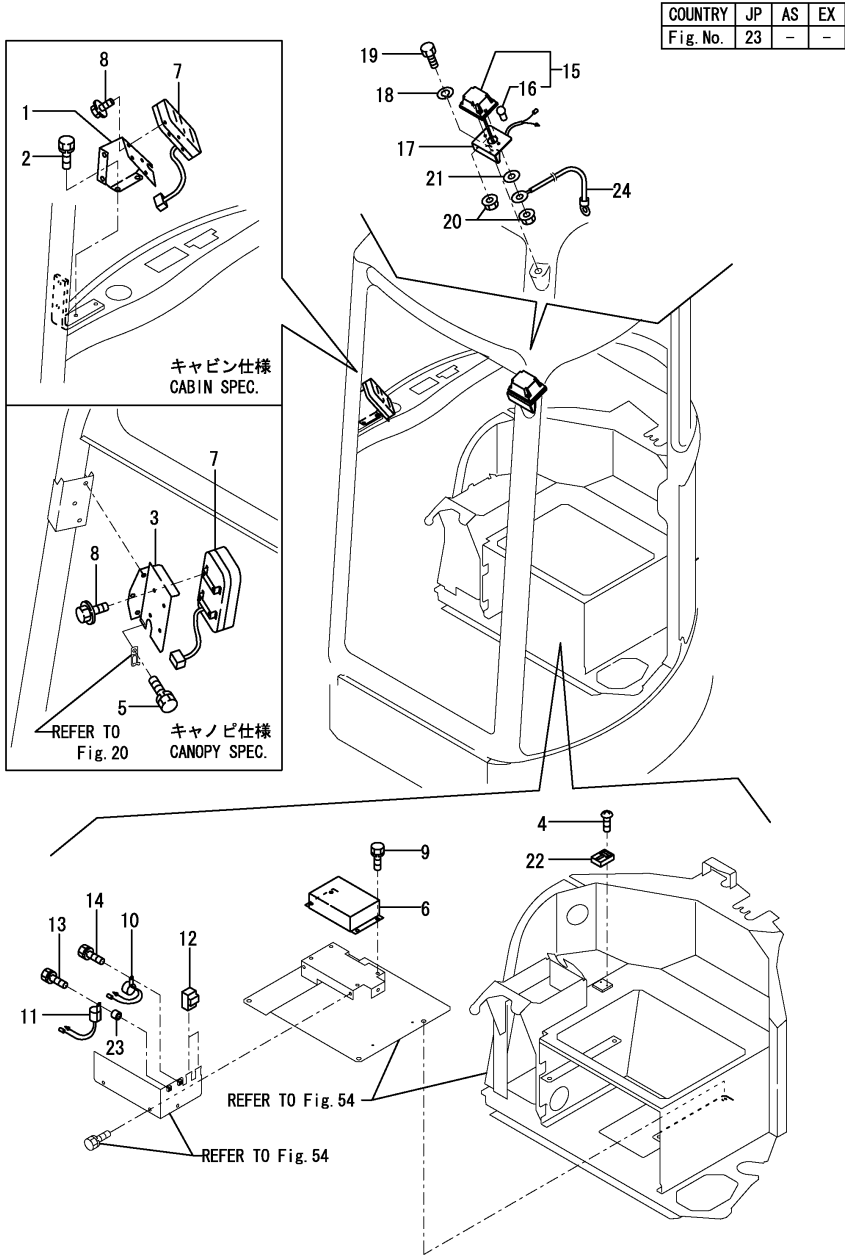


No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	22857-400100	SCREW, 4X10	2		2		2			
2	1	933113-05150	LAMP, ROOM	1		1		1			
3	2	933113-05160	BULB, 12V 5W	1		1		1			
4	1	172164-17200	MOTOR, WIPER	1		1		1			
5	1	172164-17210	ARM, WIPER	1		1		1			
6	1	172162-17320	BLADE 400,WIPER	1		1		1			
7	1	172187-17450	BRAKER	1		1		1			
8	1	26013-060122	BOLT, M6X 12	3		3		3			
9	1	26022-050202	SCREW, M5X20	1		1		1			

Fig.23. ELECTRIC PART(CRANE : 1)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

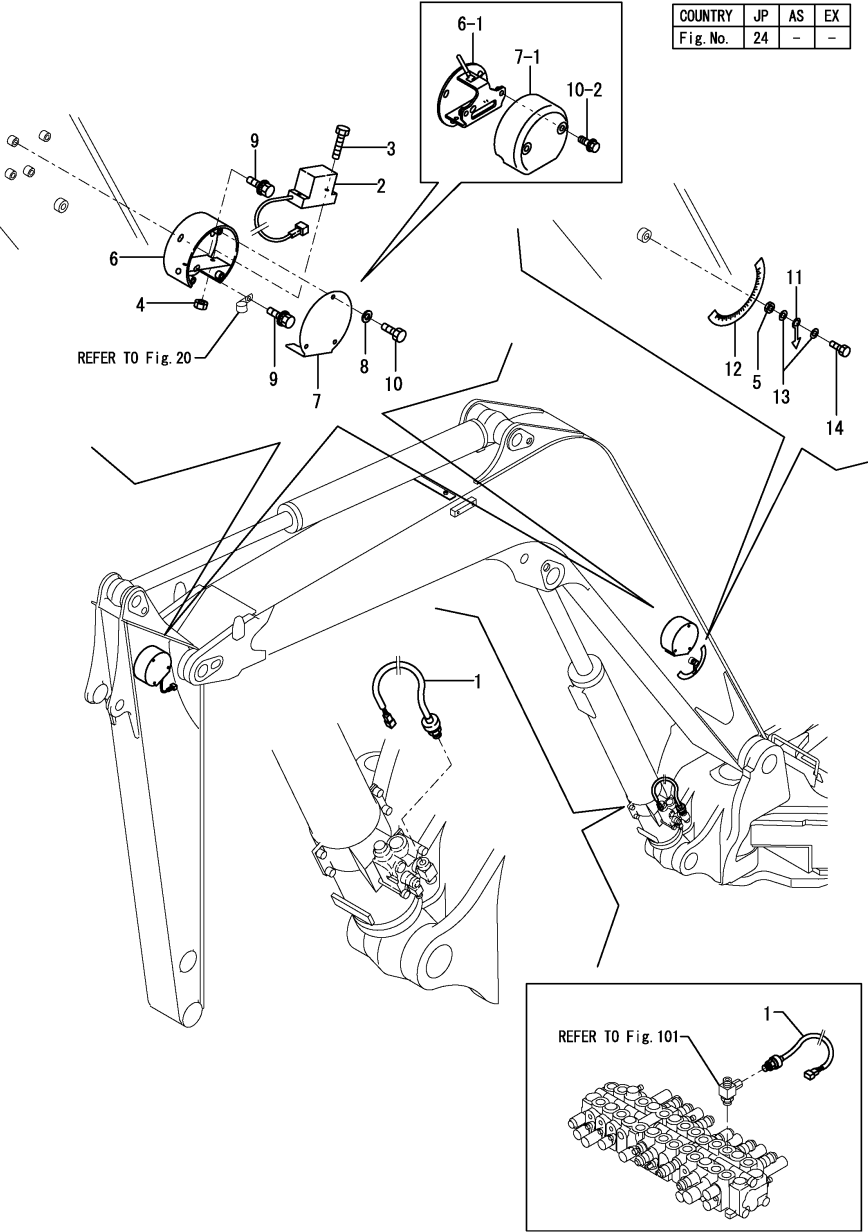
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17910	BRACKET,PANEL-C	1							
2	1	26013-080122	BOLT, M8X 12	4							
3	1	172187-17920	BRACKET,PANEL-P		1						
4	1	26557-030202	SCREW, M3X20	2	2						
5	1	26013-080162	BOLT, M8X 16		3						
6	1	172187-17861	CONTROLLER ASSY	1	1						
7	1	172187-17881	PANEL,CRANE	1	1						
7-1	1	172187-17882	PANEL ASSY, CRANE	1	1						R
(A=M/#05514) (B=M/#05514)											
7-2	1	172187-17883	PANEL, CRANE	1	1						R
(A=MXXXXX) (B=MXXXXX)											
8	1	172164-45880	BOLT	4	4						
9	1	26013-080162	BOLT, M8X 16	4	4						
10	1	172141-17150	BUZZER	1	1						
11	1	194201-57200	FLASHER, UNIT	1	1						
11-1	1	194080-57202	RELAY, FLASHER	1	1						N
(A=M/#05284) (B=M/#05284)											
12	1	1E6910-82500	RELAY, CA-1A	2	2						
13	1	26013-060162	BOLT, M6X 16	1	1						
13-1	1	26013-060202	BOLT, M6X 20	1	1						N
(A=M/#05284) (B=M/#05284)											
14	1	26013-060162	BOLT, M6X 16	1	1						M
14-1	1	26013-060122	BOLT, M6X 12	1	1						
15	1	1E6300-81050	LAMP, FLASHER	1	1						
15-1	1	1E6300-81050	LAMP, FLASHER	2							K
(A=M/#05151)											
16	2	172738-17120	BULB, 12V 20W	1	1						
16-1	2	172738-17120	BULB, 12V 20W	2							K
(A=M/#05151)											
17	1	172187-17721	STAY, LAMP	1	1						
18	1	22217-100000	WASHER, SPRING 10	1	1						
19	1	26117-100202	BOLT M10X 20 PLATED	1	1						M
19-1	1	26116-100202	BOLT, M10X 20 PLATED	1	1						
20	1	26367-060002	NUT, M6	2	2						
20-1	1	26367-060002	NUT, M6	4							K
(A=M/#05151)											
21	1	22137-080000	WASHER, 8	1	1						
21-1	1	22137-080000	WASHER, 8	2							K
(A=M/#05151)											
22	1	172187-63400	GAUGE, LEVEL	1	1						
23	1	172164-68270	SPACER	1	1						W
(A=M/#05284) (B=M/#05284)											
24	1	172647-16560	WIRE, EARTH	2	1						W
(A=M/#05151) (B=M/#05151)											

Remarks
(M)MISPRINT.

Fig.24. ELECRTC PART(CRANE : 2)



COUNTRY	JP	AS	EX
Fig. No.	24	-	-

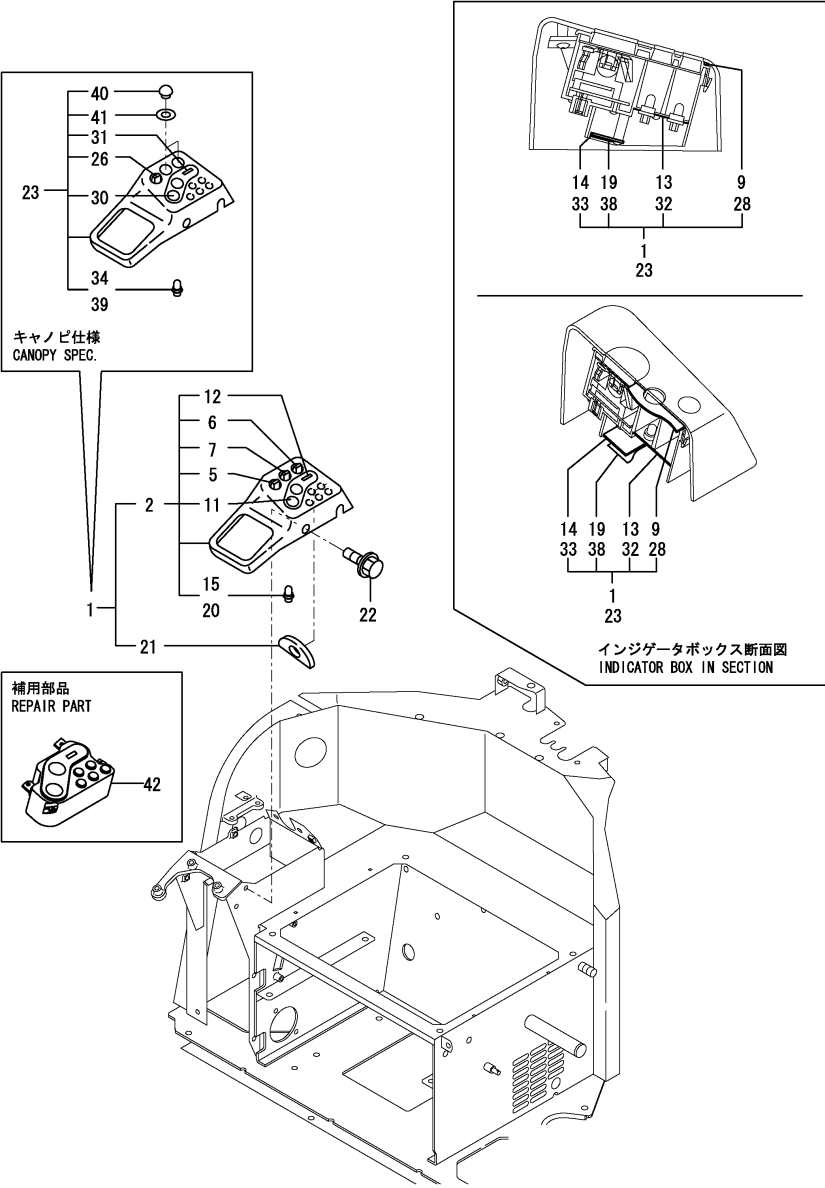
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17730	SENSOR	2	2						
2	1	172187-17740	SENSOR	2	2						
3	1	26116-060304	BOLT, M6X 30 PLATED	4	4						
4	1	26717-060002	NUT, M6	4	4						
4-1	1	26716-060002	NUT, M6	2	2						R
(A=M/#06088) (B=M/#06088)											
5	1	26757-100002	NUT, LOCK M10	1	1						
6	1	172187-61800	CASE ASSY, SENSOR	2	2						
6-1	1	172A78-61800-2	CASE ASSY	2	2					F	1
(A=M/#XXXXXX) (B=M/#XXXXXX)											
7	1	172187-61840	COVER, SENSOR CASE	2	2						
7-1	1	172A78-61840-2	COVER, SENSOR	2	2					F	1
(A=M/#XXXXXX) (B=M/#XXXXXX)											
8	1	22217-060000	WASHER, SPRING 6	6	6						Z
(A=M/#06088) (B=M/#06088)											
9	1	26018-080202	BOLT, M8X 20	8	8						
9-1	1	26013-080162	BOLT, M8X 16	8	8						N
(A=M/#05199) (B=M/#05199)											
10	1	26117-060202	BOLT M 6X 20	6	6						
10-1	1	26013-060162	BOLT, M6X 16	6	6						N
(A=M/#06088) (B=M/#06088)											
10-2	1	26014-100252	BOLT, M10X 25	4	4					S	1
(A=M/#XXXXXX) (B=M/#XXXXXX)											
11	1	172187-63500	PLATE	1	1						
12	1	172187-63510	LABEL	1	1						
13	1	22137-100000	WASHER, 10	2	2						
14	1	26117-100252	BOLT M10X 25 PLATED	1	1						
14-1	1	26116-100252	BOLT, M10X 25 PLATED	1	1						R
(A=M/#06052) (B=M/#06052)											

Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.6-1,7-1,10-2.

Fig.25. ELECTRIC PART(INDICATOR BOX)



Remarks
(1)HOUR METER = ANALOG TYPE.
ONLY THE MONITOR PORT COPE IN
REF.NO.42.
(2)HOUR METER = L.C.D. TYPE.

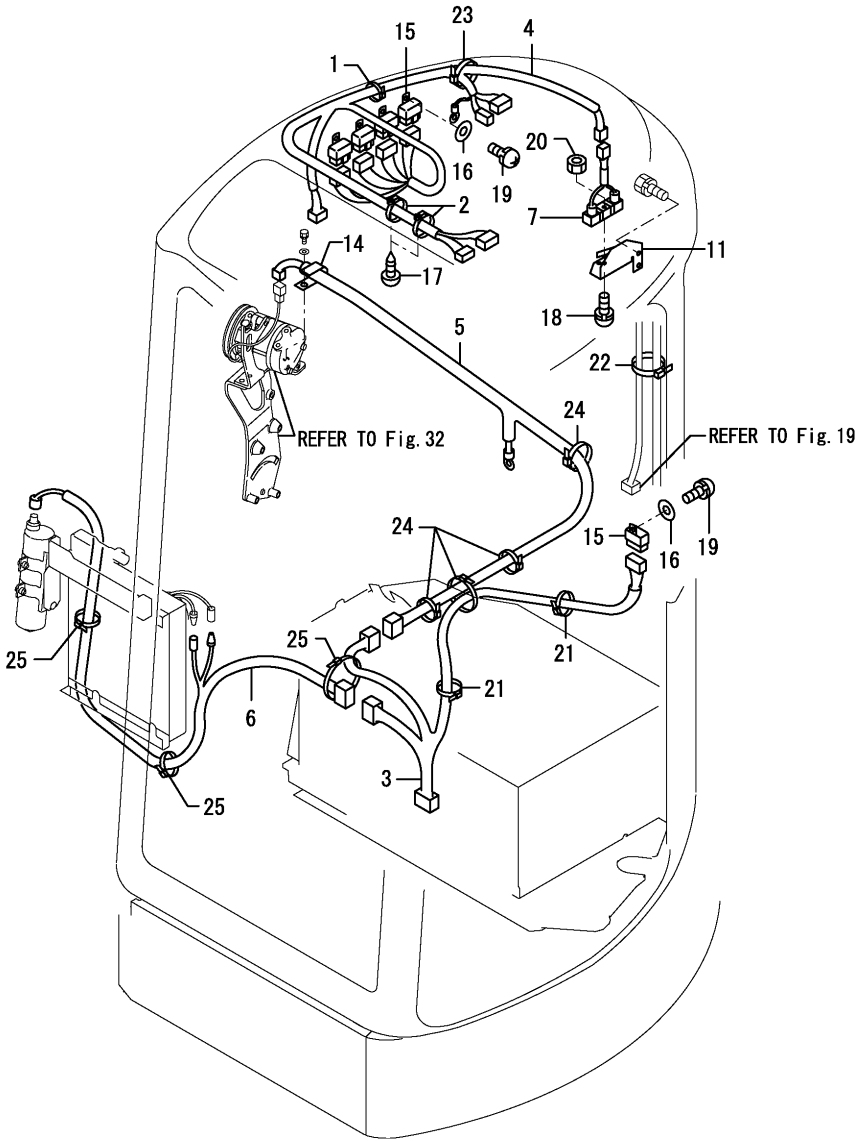
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17252	BOX, INDICATOR	1		1		1			
1-1	1	172187-17253	BOX, INDICATOR	1		1		1		N	
(A=M/#01406) (C=M/#01406)				(E=M/#01406)							
1-2	1	172445-17550	INDICATOR BOX	1		1		1		N	
(A=M/#01654) (C=M/#01654)				(E=M/#01654)							
2	2	172187-17253	BOX, INDICATOR	1		1		1			1
5	3	172187-17280	SWITCH ASSY, LIGHT	1		1		1			
6	3	172187-17290	SWITCH ASSY, HEATER	1		1		1			
7	3	172187-17300	SWITCH ASSY, WIPER	1							
7-1	3	172187-17301	SWITCH ASSY, WIPER	1		1		1		N	
(A=M/#00921)											
9	3	172187-17320	PACKING	1		1		1			
11	3	172187-17341	GAUGE ASSY	1		1		1			
12	3	172187-17350	METER ASSY, HOUR	1		1		1			
13	3	172187-17360	PRINT, CIRCUIT	1		1		1			
14	3	172187-17371	CIRCUIT ASSY	1		1		1			
15	3	172187-17380	BULB	4		4		4			
19	3	172187-17470	PLATE	1		1		1			
20	3	172187-17480	BULB	2		2		2			
21	2	172444-17560	SPONGE	1		1		1		W	
(A=M/#01652) (C=M/#01652)				(E=M/#01652)							
22	1	172519-63240	BOLT	4	4	4	4	4	4		
23	1	172187-17550	BOX, INDICATOR		1		1		1		
23-1	1	172187-17551	BOX, INDICATOR		1		1		1	N	1
(B=M/#01476) (D=M/#01476)				(F=M/#01476)							
26	2	172187-17280	SWITCH ASSY, LIGHT		1		1		1		
28	2	172187-17320	PACKING		1		1		1		
30	2	172187-17341	GAUGE ASSY		1		1		1		
31	2	172187-17350	METER ASSY, HOUR		1		1		1		
32	2	172187-17360	PRINT, CIRCUIT		1		1		1		
33	2	172187-17371	CIRCUIT ASSY		1		1		1		
34	2	172187-17380	BULB		4		4		4		
38	2	172187-17470	PLATE		1		1		1		
39	2	172187-17480	BULB		2		2		2		
40	2	172187-17560	CAP		2		2		2		
41	2	172187-17570	GASKET		2		2		2		
42	1	172A77-17500	MONITOR ASSY	1	1	1	1	1	1	W	2
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)				(E=MZZZZZ) (F=MZZZZZ)							

Fig.26. ELECTRIC PART(COOLER)

クーラキットは項目132を参照下さい。
COOLER KIT is shown in Fig.132



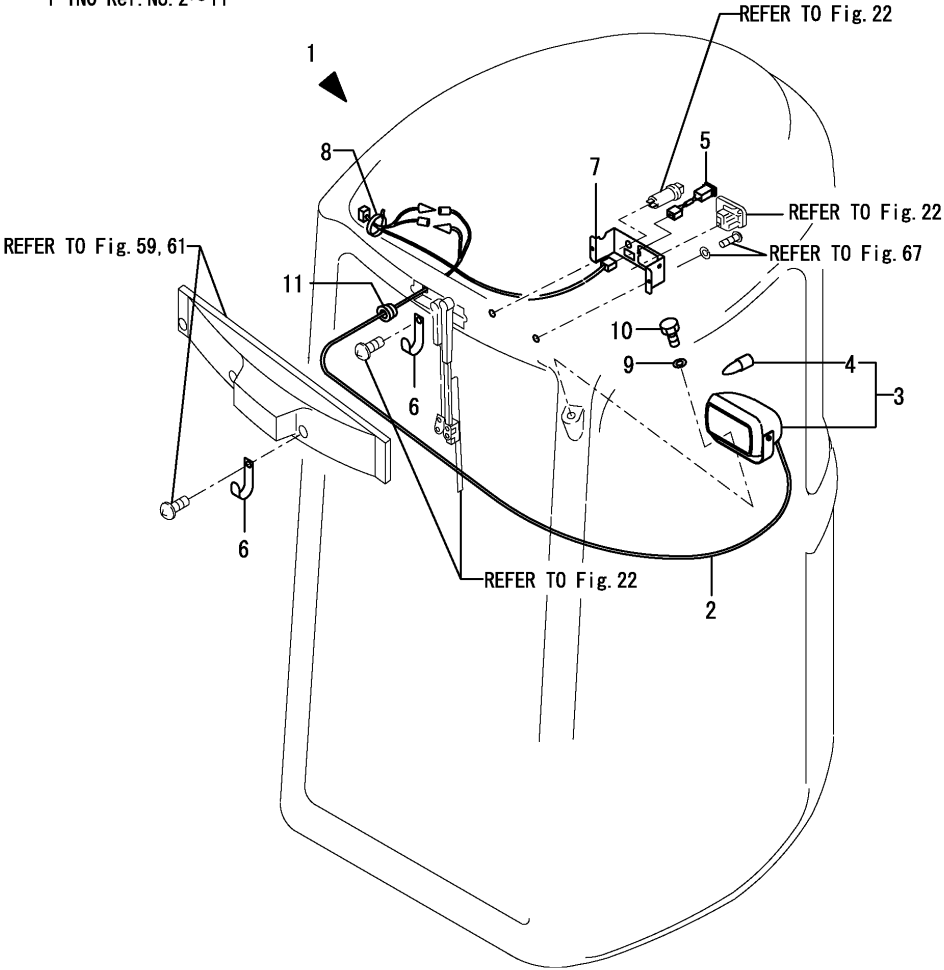
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1		1		1			
2	1	172122-16590	BAND 200F	2		2		2			
3	1	172187-16611	HARNESS	1		1		1			
4	1	172187-16620	HARNESS	1		1		1			
5	1	172187-16630	HARNESS	1		1		1			
6	1	172187-16640	HARNESS	1		1		1			
7	1	172164-16750	HARNESS,WIRE(COOL C	1		1		1			
11	1	172164-16770	BRACKET	1		1		1			
14	1	194440-51620	CLAMP	1		1		1			
15	1	119247-77100	RELAY, SAFETY	5		5		5			
16	1	22137-060000	WASHER, 6	5		5		5			
17	1	22857-400120	SCREW, 4X12	2		2		2			
18	1	26022-040102	SCREW M 4X 10	1		1		1			
19	1	26022-060122	SCREW, M6X12	5		5		5			
20	1	26716-040002	NUT, M4	1		1		1			
21	1	933152-09280	BAND	2		2		2			
22	1	933152-09280	BAND	1		1		1			
23	1	933152-09280	BAND	1		1		1			
24	1	933152-09280	BAND	4		4		4			
25	1	933152-09280	BAND	3		3		3			

Fig.27. CABINLAMP KIT(OPTIONAL)

COUNTRY	JP	AS	EX
Fig. No.	27	-	-

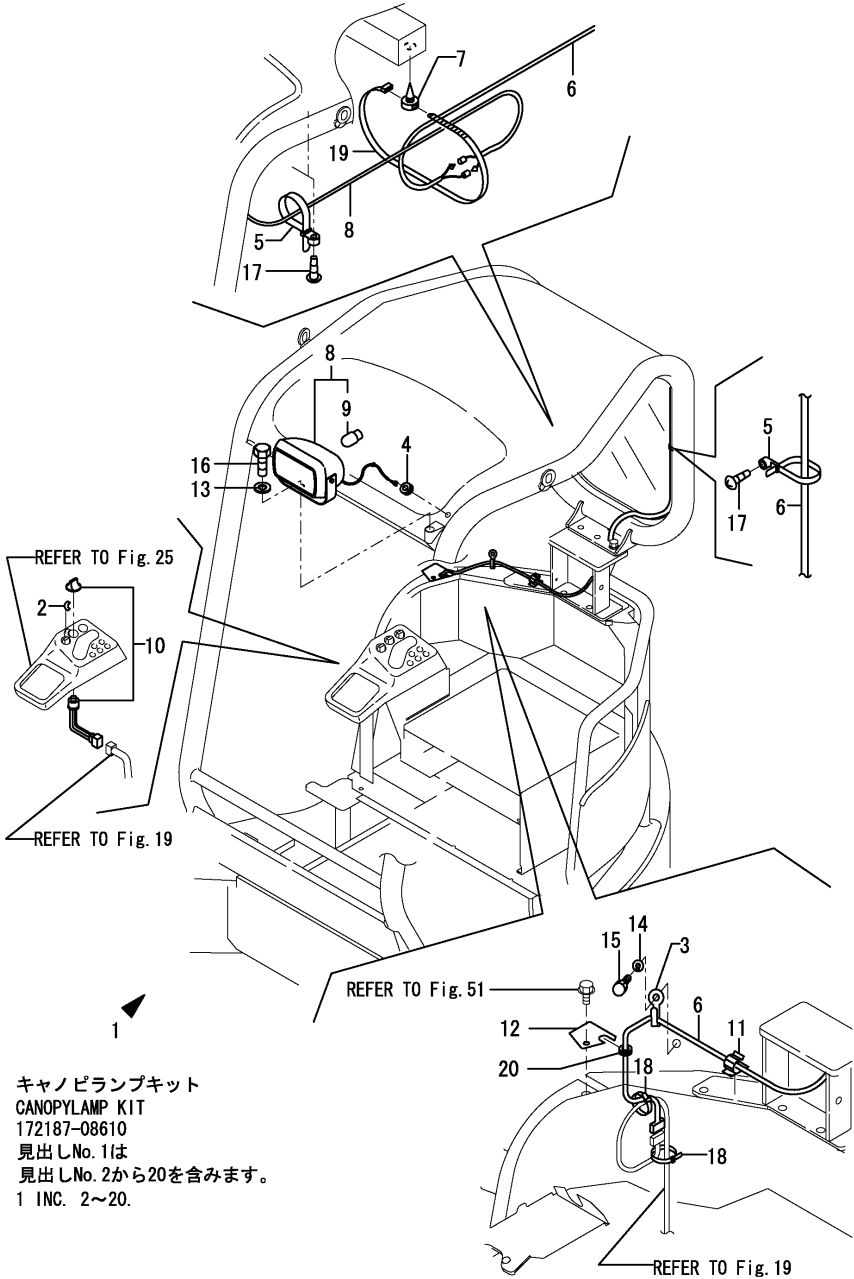
キャビンランプキット
CABINLAMP KIT
172187-08600
見出しNo. 1は見出しNo. 2からNo. 11を含みます。
1 INC Ref. No. 2~11



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08600	CABIN LAMP KIT	1							
2	2	172187-16590	HARNESS(CABIN LAMP	1							
3	2	172187-17500	LAMP, CABIN	1							
4	3	172187-17540	BULB	1							
5	2	172187-17510	SWITCH, LAMP	1							
6	2	172187-17520	CLAMP, 5X35	2							
7	2	172187-69050	PLATE, LAMP	1							
8	2	172122-79920	CLIP, HOSE	1							
9	2	22217-100000	WASHER, SPRING 10	1							
10	2	26116-100162	BOLT, M10X 16 PLATED	1							
11	2	933168-56000	GROMMET, 17X9	1							

Fig.28. CANOPYLAMP KIT(OPTIONAL)

COUNTRY	JP	AS	EX
Fig. No.	28	-	-

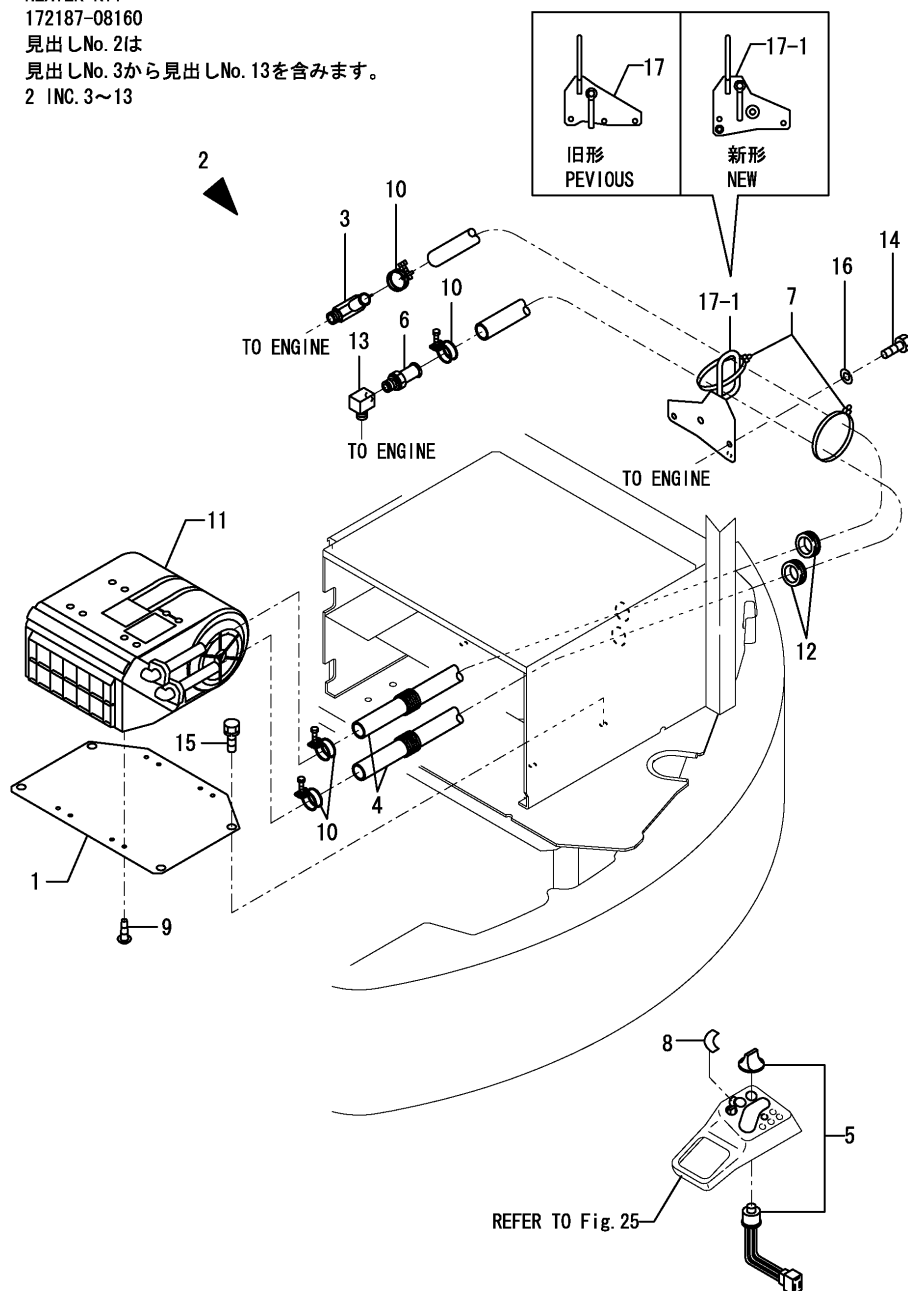


(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08610	CANOPYLAMP KIT		1						
2	2	172187-03680	LABEL(LAMP SWITCH		1						
3	2	172126-16540	CLAMP		1						
4	2	172187-16560	GROMMET		1						
5	2	172122-16590	BAND 200F		4						
6	2	172187-16650	HARNES(CANOPYLAMP		1						
7	2	172187-16660	PUSH MOUNT		2						
8	2	172187-17500	LAMP, CABIN		1						
9	3	172187-17540	BULB		1						
10	2	172187-17530	SWITCH ASSY		1						
11	2	172187-18570	CLIP		1						
12	2	172187-61360	COVER, HARNES		1						
13	2	22217-100000	WASHER, SPRING 10		1						
14	2	22217-100000	WASHER, SPRING 10		1						
15	2	26116-100162	BOLT, M10X 16 PLATED		1						
16	2	26116-100162	BOLT, M10X 16 PLATED		1						
17	2	26557-050122	SCREW, M5X12		4						
18	2	933152-09280	BAND		3						
19	2	933152-09280	BAND		2						
20	2	933168-56000	GROMMET, 17X9		1						

2 INC. 3~13



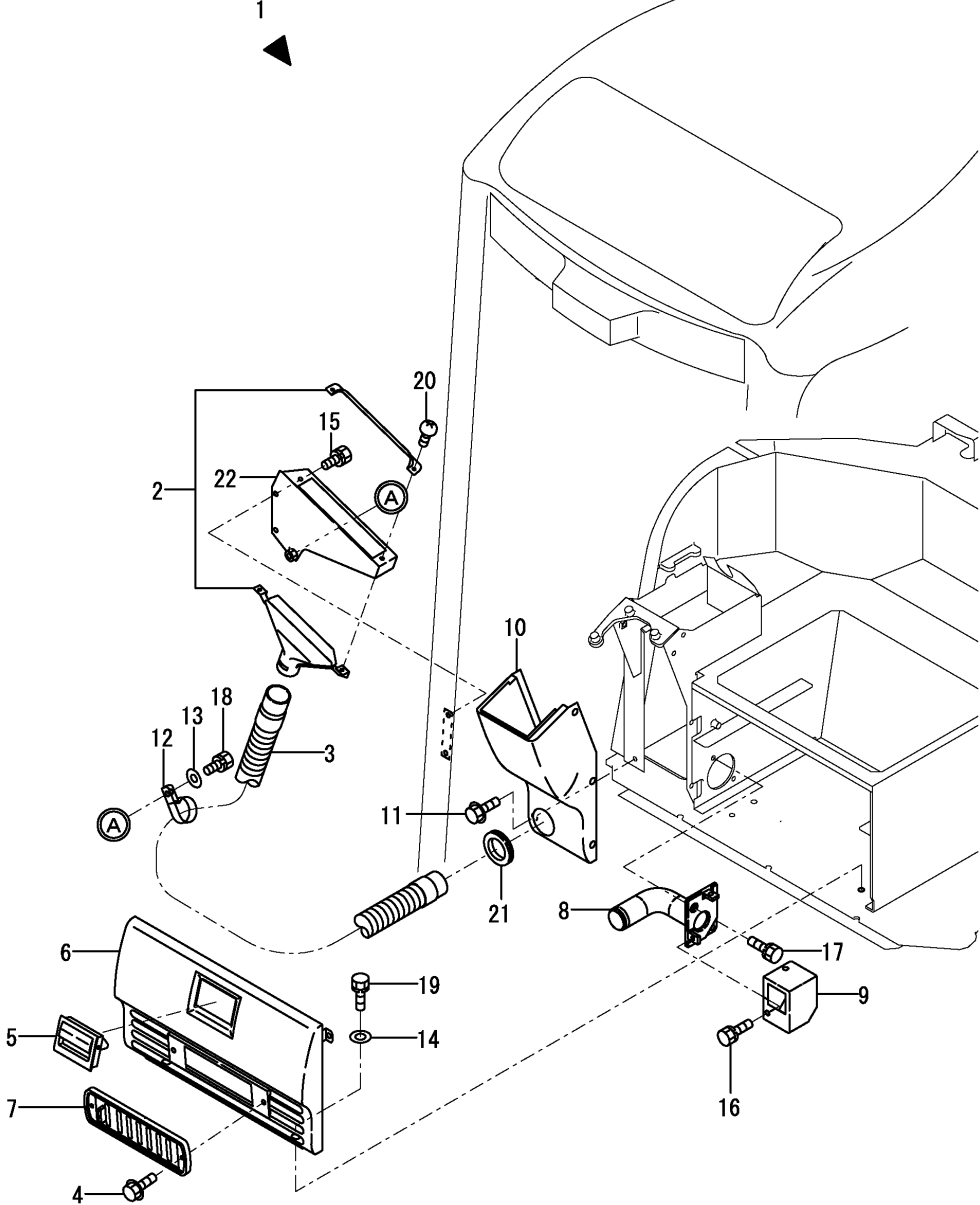
No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17610	PLATE	1							
1-1	1	172187-17590	PLATE,HEATER BASE EV	1	1	1		1		N	
(A=M/#00921)											
2	1	172187-08160	HEATER KIT	1	1						
3	2	172187-17630	VALVE	1	1	1		1			
4	2	172187-17660	HOSE, HEATER	2	2	2		2			
5	2	172187-17290	SWITCH ASSY, HEATER	1	1						
6	2	172637-76110	ADAPTER, DRAIN	1	1	1		1			
7	2	172122-79930	CLAMP, HOSE	1	1	1		1			
7-1	2	172122-79930	CLAMP, HOSE	2	2	2		2		K	
(A=M/#00882)											
8	2	172187-03690	LABEL(HEATER SWITCH	1	1						
9	2	22857-500120	SCREW, 5X12	8	8	8		8			
9-1	2	22857-500100	SCREW, 5X10	8	8	8		8		R	
(A=M/#00882)											
10	2	23000-022000	CLAMP, 22	4	4	4		4			
11	2	172187-17600	HEATER	1	1	1		1			
12	2	933171-15680	GROMMET	2	2	2		2			
13	2	933166-24240	ELBOW, SWIVEL JOINT	1	1	1		1			
14	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2		2			
15	1	26013-100202	BOLT, M10X 20	4	4	4		4			
16	1	22217-080000	WASHER, SPRING 8	2	2	2		2			
17	1	172187-17690	GUIDE, HOSE	1							
17-1	1	172187-17691	GUIDE, HOSE	1	1	1		1	1	S	
(A=M/#00567)											

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.30. DEFROSTER

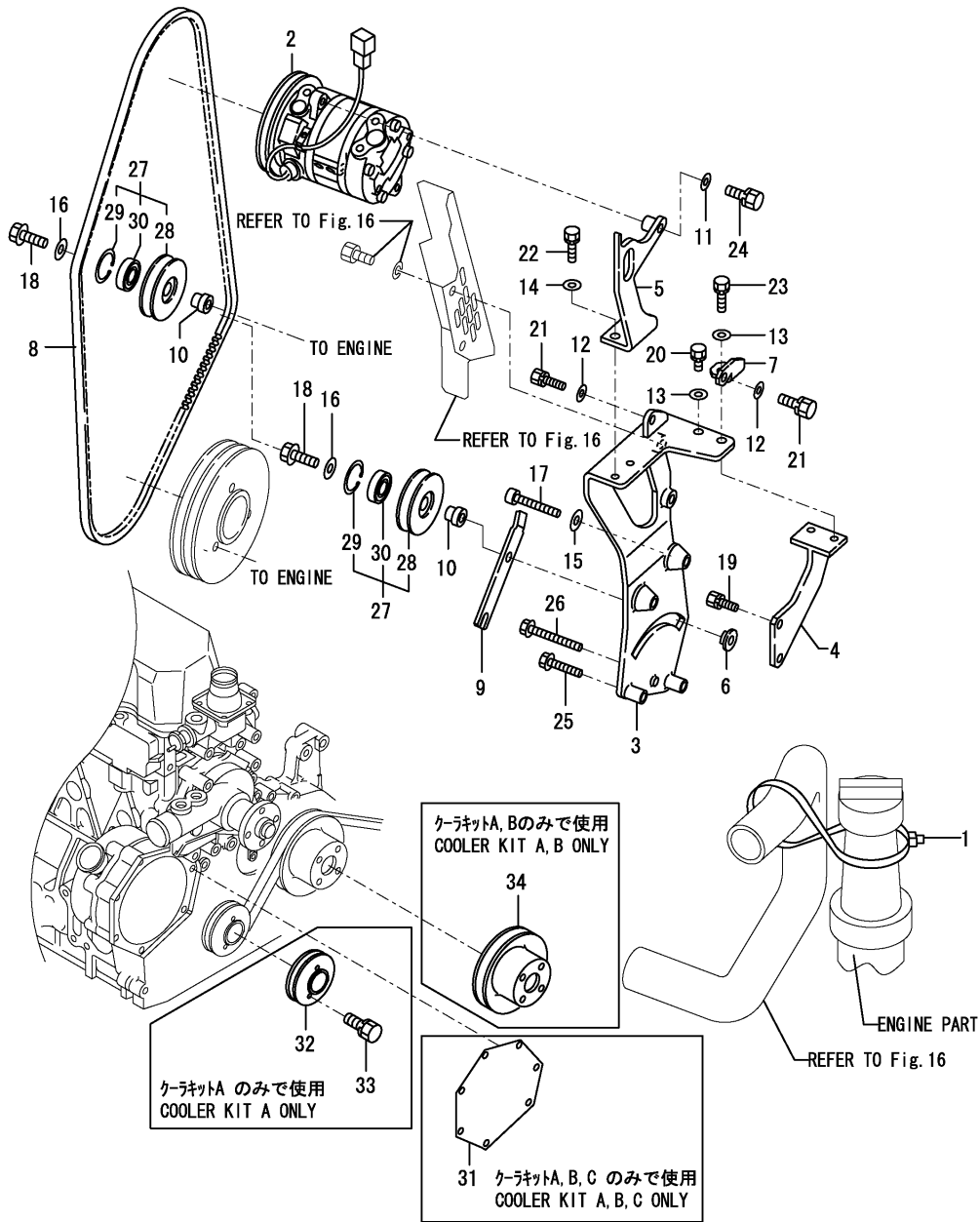
デフロスタキット
DEFROSTER KIT
172187-08530
見出しNo. 1は見出しNo. 2から22を含みます。
1 INC. 2~22



				OCK10-M33003 Fig.30							
				(A)=VIO70(JP)C	(D)=VIO70(AS)P						
				(B)=VIO70(JP)P	(E)=VIO70(EX)C						
				(C)=VIO70(AS)C	(F)=VIO70(EX)P						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08530	DEFROSTER KIT	1							
2	2	172120-17710	NOZZLE, DEFROSTER	1		1					
3	2	172142-17830	HOSE	1		1					
4	2	172164-45880	BOLT	2		2					
5	2	172187-61420	HANDLE, LOCK	1							
5-1	2	172187-61421	HANDLE, LOCK	1		1					N
(A=M/#01625)											
6	2	172187-61600	GRILLE	1		1					
7	2	172187-61690	VENTILATOR	1		1					
8	2	172187-61700	DUCT ASSY	1		1					
9	2	172187-61750	DUCT ASSY	1		1					
10	2	172187-63200	COVER ASSY	1		1					
11	2	172519-63240	BOLT	6		6					
12	2	172158-78250	CLAMP, 45	1		1					
13	2	22137-100000	WASHER, 10	1		1					
14	2	22137-100000	WASHER, 10	2		2					
15	2	26013-080162	BOLT, M8X 16	2		2					
16	2	26013-080162	BOLT, M8X 16	2		2					
17	2	26013-080202	BOLT, M8X 20	2		2					
18	2	26013-100202	BOLT, M10X 20	1		1					
19	2	26013-100252	BOLT, M10X 25	2		2					
20	2	26557-050102	SCREW, M5X10	2		2					
21	2	933110-58400	GROMMET, 43	1		1					
22	2	172164-17701	BRACKET(DEFROSTER	1		1					

Fig.32. COOLER(ENGIEN RELATED)

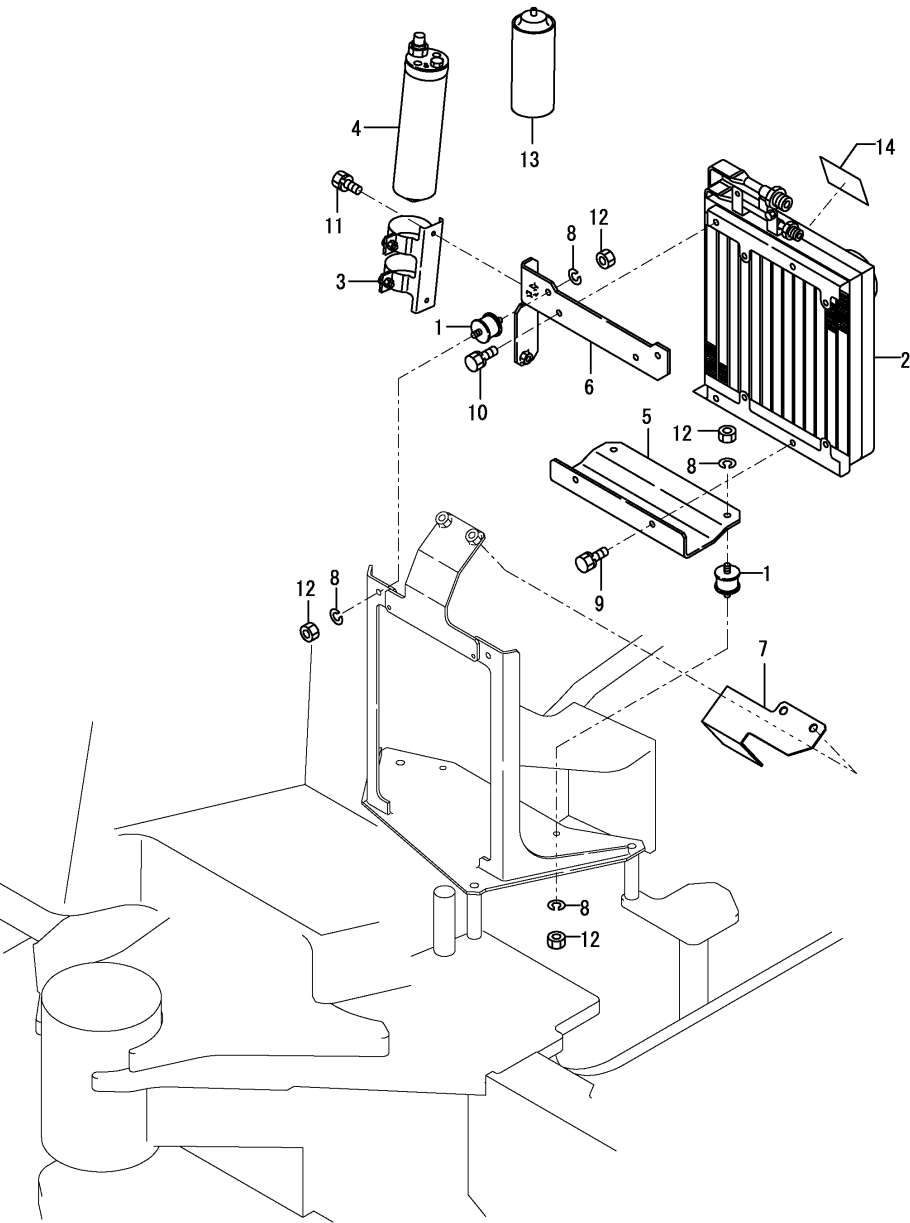
クーラキットは項目132を参照下さい
COOLER KIT is shown in Fig.132



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1		1			W	
		(A=M/#05263)	(C=M/#05263)	(E=M/#05263)							
2	1	172187-18260	COMPRESSOR ASSY	1	1			1			
3	1	172187-18300	BRACKET (A)	1	1		1				
4	1	172187-18340	BRACKET ASSY	1	1		1				
5	1	172187-18360	BRACKET (C)	1	1		1				
6	1	172187-18410	NUT, PULLEY	1	1		1				
7	1	172187-18420	BRACKET	1	1		1				
8	1	172187-18451	V-BELT	1	1		1				
9	1	172187-18500	BAR, ADJUST	1	1		1				
10	1	129466-96240	SPACER	2	2		2				
11	1	22137-080000	WASHER, 8	1	1		1				
12	1	22137-080000	WASHER, 8	2	2		2				
13	1	22137-080000	WASHER, 8	2	2		2				
14	1	22137-080000	WASHER, 8	2	2		2				
15	1	22137-080000	WASHER, 8	2	2		2				
16	1	22137-100000	WASHER, 10	2	2		2				
17	1	26450-080502	BOLT, M8X 50	2	2		2				
18	1	26106-100352	BOLT, M10X 35 PLATED	2	2		2				
19	1	26013-080162	BOLT, M8X 16	2	2		2				
20	1	26013-080162	BOLT, M8X 16	1	1		1				
21	1	26013-080252	BOLT, M8X 25	2	2		2				
22	1	26013-080252	BOLT, M8X 25	2	2		2				
23	1	26013-080252	BOLT, M8X 25	1	1		1				
24	1	26013-080352	BOLT, M8X 35	1	1		1				
25	1	26106-080352	BOLT, M8X 35 PLATED	1	1		1				
26	1	26106-080602	BOLT, M8X 60 PLATED	1	1		1				
27	1	172187-11100	PULLEY ASSY, TENSION	2	2		2			W	
		(A=M/#01540)	(C=M/#01540)	(E=M/#01540)							
28	2	172187-11120	PULLEY, TENSION	2	2		2				
28-1	2	172187-11121	PULLEY, TENSION	2	2		2			N	
		(A=M/#01540)	(C=M/#01540)	(E=M/#01540)							
29	2	22252-000350	RING, 35	2	2		2				
30	2	24104-062024	BEARING, BALL 6202UU	2	2		2				
30-1	2	24104-062020	BEARING, 6202UUC3	2	2		2			N	
		(A=M/#01540)	(C=M/#01540)	(E=M/#01540)							
31	1	129951-01740	COVER	1						Z	
		(A=M/#00924)									
32	1	172187-11110	V-PULLEY, CL	1						Z	
		(A=M/#00597)									
33	1	26013-100302	BOLT, M10X 30	3						Z	
		(A=M/#00597)									
34	1	129900-42461	V-PULLEY	1						Z	
		(A=M/#00924)									

Fig.33. COOLER(CONDENSER RELATED)

クーラキットは項目132を参照下さい
COOLER KIT is shown in Fig.132



(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

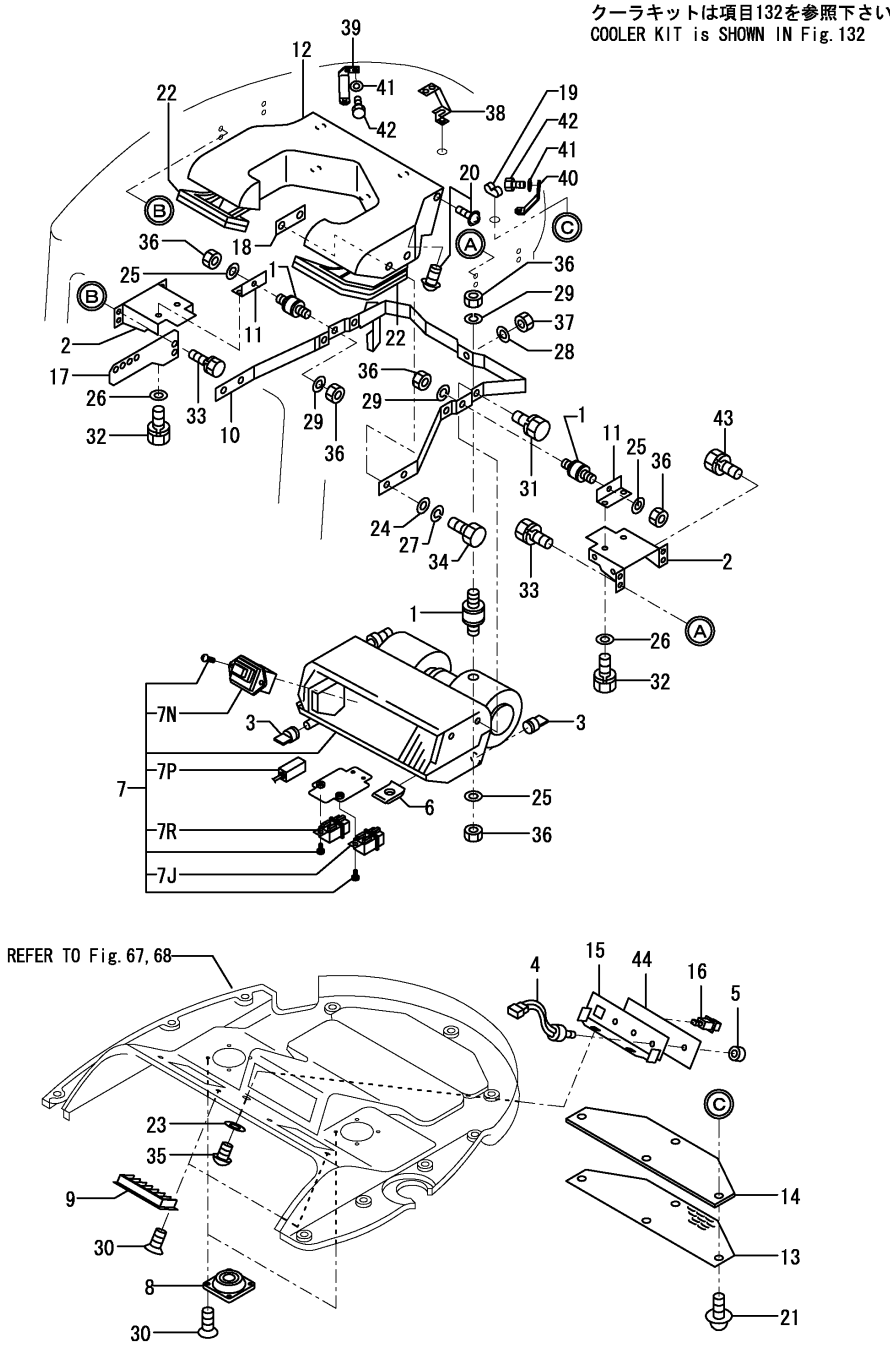
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-13310	MOUNT, PAD	4		4		4			
2	1	172162-18030	CONDENSER	1		1		1			
3	1	172162-18040	BRACKET, RADIATOR	1		1		1			
4	1	172187-18110	DRIER ASSY, RECEIVER	1		1		1			
5	1	172187-18130	BRACKET (A)	1		1		1			
6	1	172187-18140	BRACKET (B)	1		1		1			
7	1	172187-18560	COVER	1		1		1			
8	1	22217-080000	WASHER, SPRING 8	8		8		8			
9	1	26013-080162	BOLT, M8X 16	2		2		2			
10	1	26013-080162	BOLT, M8X 16	2		2		2			
11	1	26013-080162	BOLT, M8X 16	2		2		2			
12	1	26716-080002	NUT, M8	8		8		8			
13	1	172187-18600	FREON(R134	5		5		5			W
(A=M/#00921)											
14	1	172187-03410	LABEL	1							

Fig.34. COOLER(CABIN RELATED)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-13310	MOUNT, PAD	3	3		3				
2	1	172176-17870	MOUNT	2	2		2				
3	1	172162-18070	PLUG, DRAIN	2	2		2				
4	1	1E8080-79430	SWITCH ASSY, CONTROL	1	1		1				
4-1	1	1E8080-79431	SWITCH ASSY, CONTROL	1	1		1			N	
(A=M/#05768) (C=M/#05768) (E=M/#05768)											
5	1	1E8080-79450	KNOB, FAN	2	2		2				
6	1	1E8080-79470	NUT, JN4	3	3		3				
7	1	198325-87200	COOLER ASSY	1	1		1				
7J	2	1E8300-79450	RELAY	1	1		1			W	
(A=M/#00501)											
7N	2	198325-87350	RESISTOR	1	1		1			W	
(A=M/#00501)											
7P	2	198325-87360	THERMOSTAT	1	1		1			W	
(A=M/#00501)											
7R	2	194670-90520	RELAY	1	1		1			W	
(A=M/#00501)											
8	1	197830-87910	GRILLE	2	2		2				
9	1	197830-88611	GRILLE	2	2		2				
10	1	172164-18550	BRACKET ASSY	1	1		1				
11	1	172164-18830	MOUNT	2	2		2				
12	1	172164-18900	DUCT, COOLER	1	1		1				
13	1	172164-18910	PLATE	1	1		1				
14	1	172164-18920	FILTER	1	1		1				
15	1	172164-18960	PANEL ASSY	1	1		1				
16	1	172164-19100	SWITCH	1	1		1				
17	1	172164-19150	BRACKET	1	1		1				
18	1	172164-19170	PLATE ASSY	2	2		2				
19	1	194167-61650	NUT, SPEED	4	4		4				
20	1	194940-61790	SCREW, TAPPING M5X16	5	5		5				
21	1	194940-61790	SCREW, TAPPING M5X16	4	4		4				
22	1	172164-65710	RUBBER, SEAL	2	2		2				
23	1	172176-68200	WASHER, 18X6.3X2.3	2	2		2				
24	1	22137-050000	WASHER, 5	4	4		4				
25	1	22137-080000	WASHER, 8	3	3		3				
26	1	22157-080000	WASHER, 8	4	4		4				
27	1	22217-050000	WASHER, SPRING 5	4	4		4				
28	1	22217-080000	WASHER, SPRING 8	1	1		1				
29	1	22217-080000	WASHER, SPRING 8	3	3		3				
30	1	22869-400160	SCREW, 4X16	12	12		12				
31	1	26013-080202	BOLT, M8X 20	4	4		4				
32	1	26013-080202	BOLT, M8X 20	4	4		4				
33	1	26013-080252	BOLT, M8X 25	4	4		4				
34	1	26116-050162	BOLT, M5X 16 PLATED	4	4		4				
35	1	26589-060162	SCREW, M6	2	2		2				
36	1	26716-080002	NUT, M8	6	6		6				
37	1	26716-080002	NUT, M8	1	1		1				
38	1	172164-18660	BRACKET ASSY	1	1		1				
39	1	172187-18510	BRACKET R	1	1		1				
40	1	172187-18530	BRACKET L	1	1		1				
41	1	172176-68200	WASHER, 18X6.3X2.3	4	4		4				

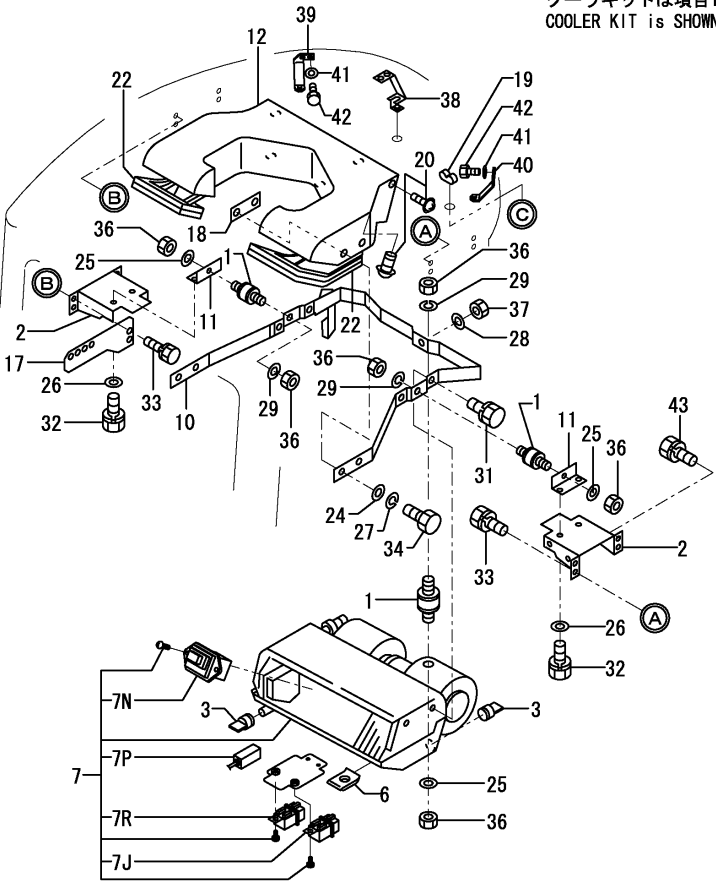
Fig.34. COOLER(CABIN RELATED)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	1	26013-060162	BOLT, M6X 16	4			4		4		
43	1	26013-080202	BOLT, M8X 20	4			4		4		
44	1	172187-03400	LABEL,CONTROL PANEL	1		1			1		

クーラキットは項目132を参照下さい
COOLER KIT is SHOWN IN Fig.132



REFER TO Fig. 67, 68

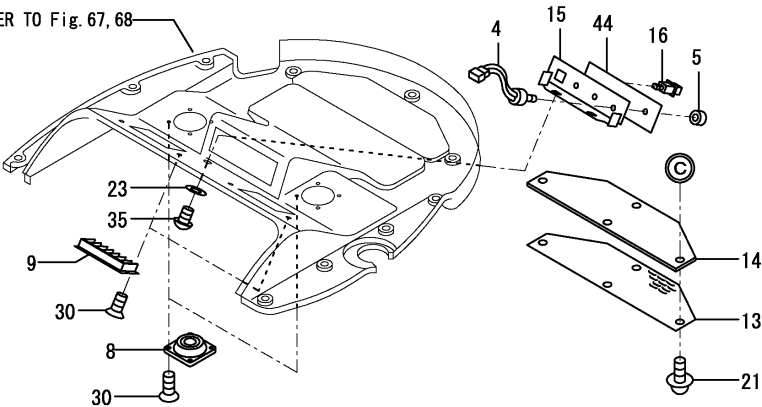
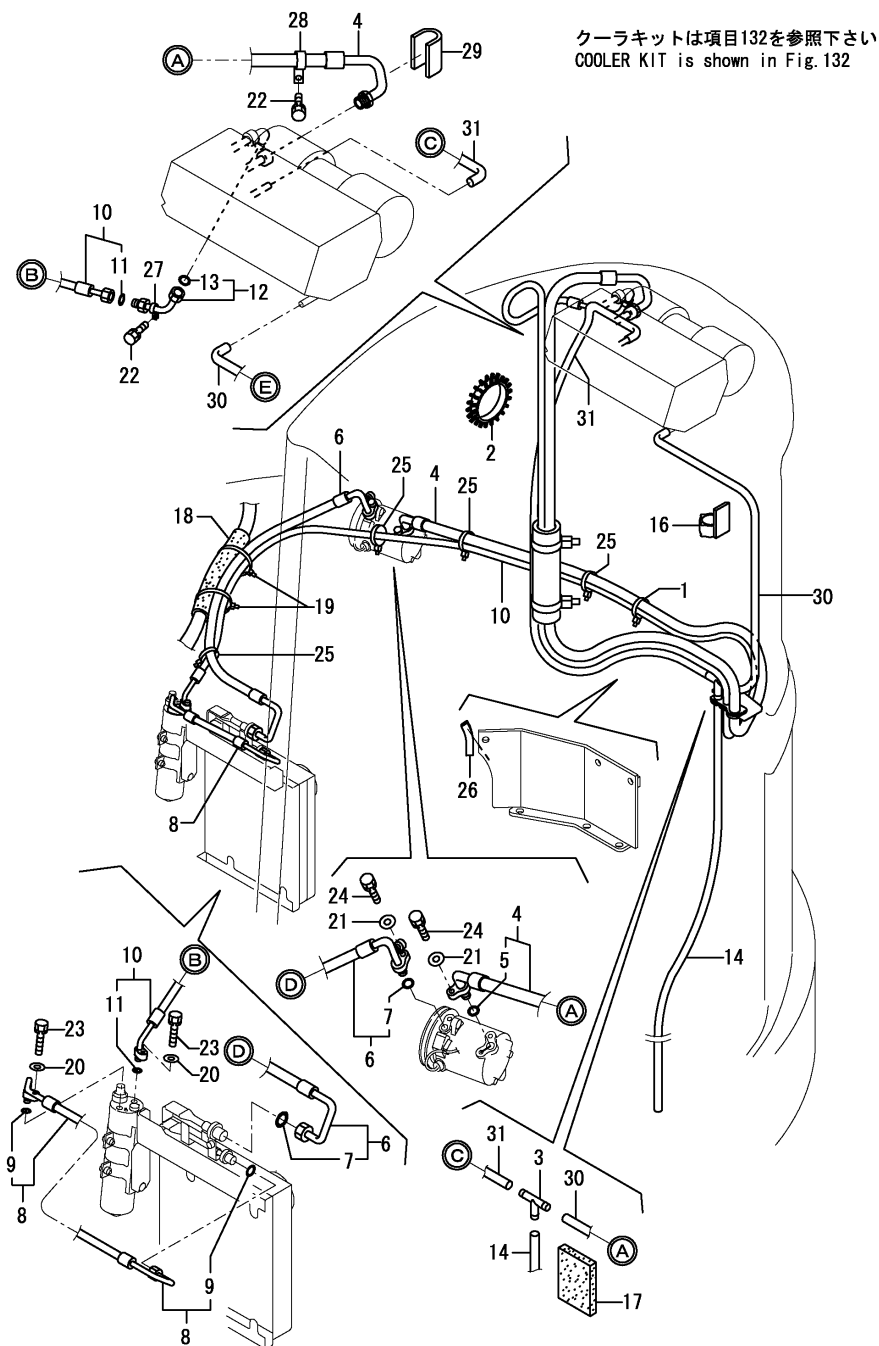


Fig.35. COOLER(PIPING)



クーラキットは項目132を参照下さい
COOLER KIT is shown in Fig.132

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

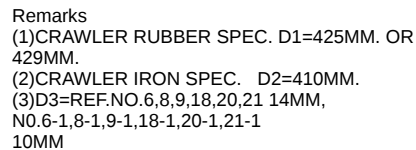
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1		1		1			
2	1	172643-11610	BUSH	1		1		1			
3	1	172165-18080	CONNECTOR	1		1		1			
4	1	172187-18161	HOSE	1		1		1			
5	2	198083-87820	O-RING, 14	1		1		1			
6	1	172187-18170	HOSE	1		1		1			
7	2	198083-87840	O-RING, LO	2		2		2			
8	1	172187-18180	HOSE	1		1		1			
9	2	198083-87880	O-RING	2		2		2			
10	1	172187-18190	HOSE	1		1		1			
11	2	198083-87880	O-RING	2		2		2			
12	1	172164-18730	TUBE	1		1		1			
13	2	198083-87880	O-RING	1		1		1			
14	1	172187-18220	HOSE C	1		1		1			
16	1	172187-18570	CLIP	4		4		4			
17	1	172187-18590	RUBBER	1		1		1			
18	1	172176-61130	SPONGE, HOSE	1		1		1			
19	1	172122-79890	CLAMP, HOSE	2		2		2			
20	1	22137-060000	WASHER, 6	2		2		2			
21	1	22137-080000	WASHER, 8	2		2		2			
22	1	26013-060162	BOLT, M6X 16	2		2		2			
23	1	26013-060252	BOLT, M6X 25	2		2		2			
24	1	26013-080252	BOLT, M8X 25	2		2		2			
25	1	933152-09280	BAND	4		4		4			
26	1	172164-19110	PLATE	3		3		3			
27	1	172164-18800	CLIP	1		1		1			
28	1	172164-18810	CLIP	1		1		1			
29	1	197821-88380	INSULATOR	1		1		1			
30	1	172187-18200	HOSE A	1		1		1			
31	1	172187-18210	HOSE B	1		1		1			

Fig.36. SPROCKET & ROLLER



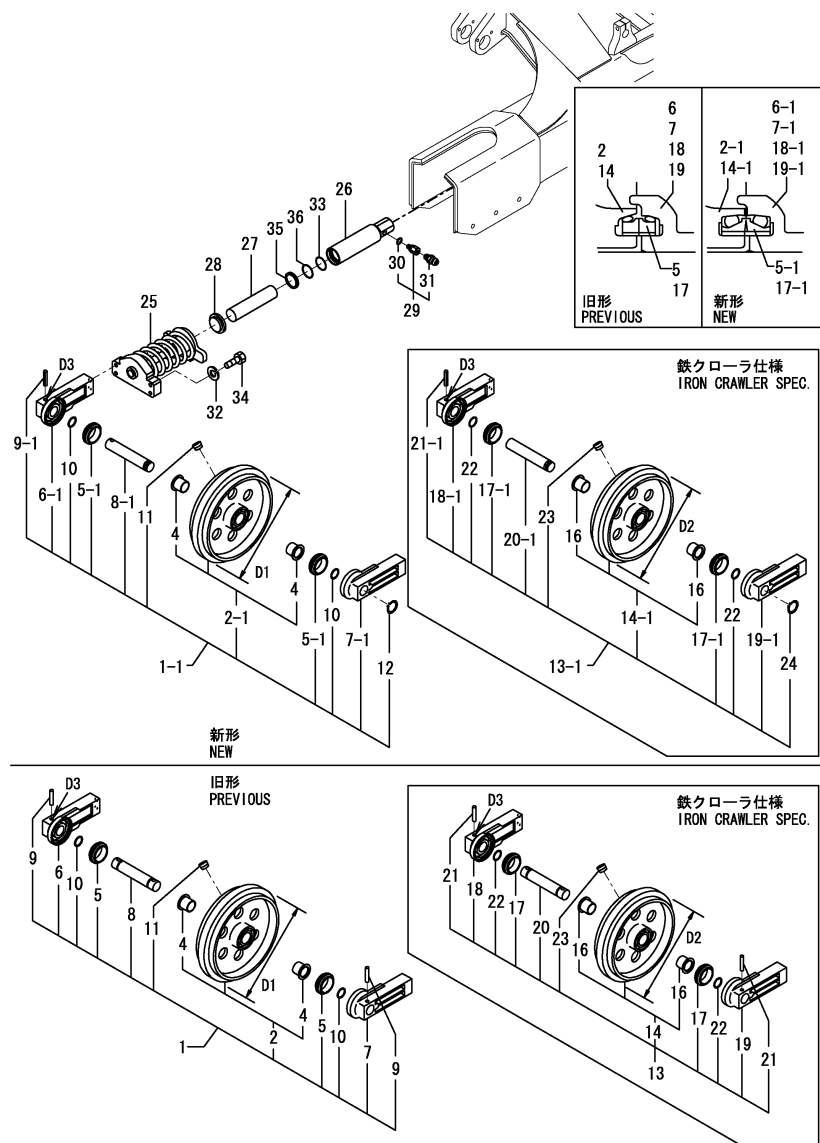
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.37. IDLER & ADJUST



No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-37100	IDLER ASSY, RUBBER		2	2	2	2	2	2	1
1-1	1	772455-37100	IDLER ASSY, RUBBER		2	2	2	2	2	2	N 1
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
2	2	172187-37191	IDLER ASSY, RUBBER		2	2	2	2	2	2	
2-1	2	172187-37192	IDLER ASSY, RUBBER		2	2	2	2	2	2	R
		(A=M/#05146)	(B=M/#05146)	(C=M/#05146)	(D=M/#05146)	(E=M/#05146)		(F=M/#05146)			
2-2	2	172455-37120	IDLER ASSY		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
4	3	182900-57380	BUSH		4	4	4	4	4	4	
5	2	182900-54140	FLOATING SEAL ASSY		4	4	4	4	4	4	
5-1	2	172162-37171	SEAL, FLOATING		4	4	4	4	4	4	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
6	2	182900-55720	IDLER SEAL COVER		2	2	2	2	2	2	
6-1	2	172455-37140	COVER, IDLER SEAL		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
7	2	182900-55720	IDLER SEAL COVER		2	2	2	2	2	2	
7-1	2	172455-37150	COVER, IDLER SEAL		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
8	2	182900-55730	SHAFT		2	2	2	2	2	2	
8-1	2	172455-37170	SHAFT, IDLER		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
9	2	182900-55740	PIN 14		4	4	4	4	4	4	
9-1	2	172455-37180	PIN, SPRING		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
10	2	24311-000380	O-RING, 1AP38.0		4	4	4	4	4	4	
11	2	933171-13691	PLUG		2	2	2	2	2	2	
12	2	22242-000400	RING, 40		2	2	2	2	2	2	W
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
13	1	772187-37110	IDLER ASSY, IRON		2	2	2	2	2	2	2
13-1	1	772455-37110	IDLER ASSY, IRON		2	2	2	2	2	2	N 2
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)			(F=M/#05479)			
14	2	172187-37110	IDLER ASSY, IRON		2	2	2	2	2	2	
14-1	2	172455-37100	IDLER ASSY		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
16	3	182900-57380	BUSH		4	4	4	4	4	4	
17	2	182900-54140	FLOATING SEAL ASSY		4	4	4	4	4	4	
17-1	2	172162-37171	SEAL, FLOATING		4	4	4	4	4	4	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
18	2	182900-55720	IDLER SEAL COVER		2	2	2	2	2	2	
18-1	2	172455-37140	COVER, IDLER SEAL		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
19	2	182900-55720	IDLER SEAL COVER		2	2	2	2	2	2	
19-1	2	172455-37150	COVER, IDLER SEAL		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
20	2	182900-55730	SHAFT		2	2	2	2	2	2	
20-1	2	172455-37170	SHAFT, IDLER		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
21	2	182900-55740	PIN 14		4	4	4	4	4	4	
21-1	2	172455-37180	PIN, SPRING		2	2	2	2	2	2	S
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)		(F=M/#05479)			
22	2	24311-000380	O-RING, 1AP38.0		4	4	4	4	4	4	

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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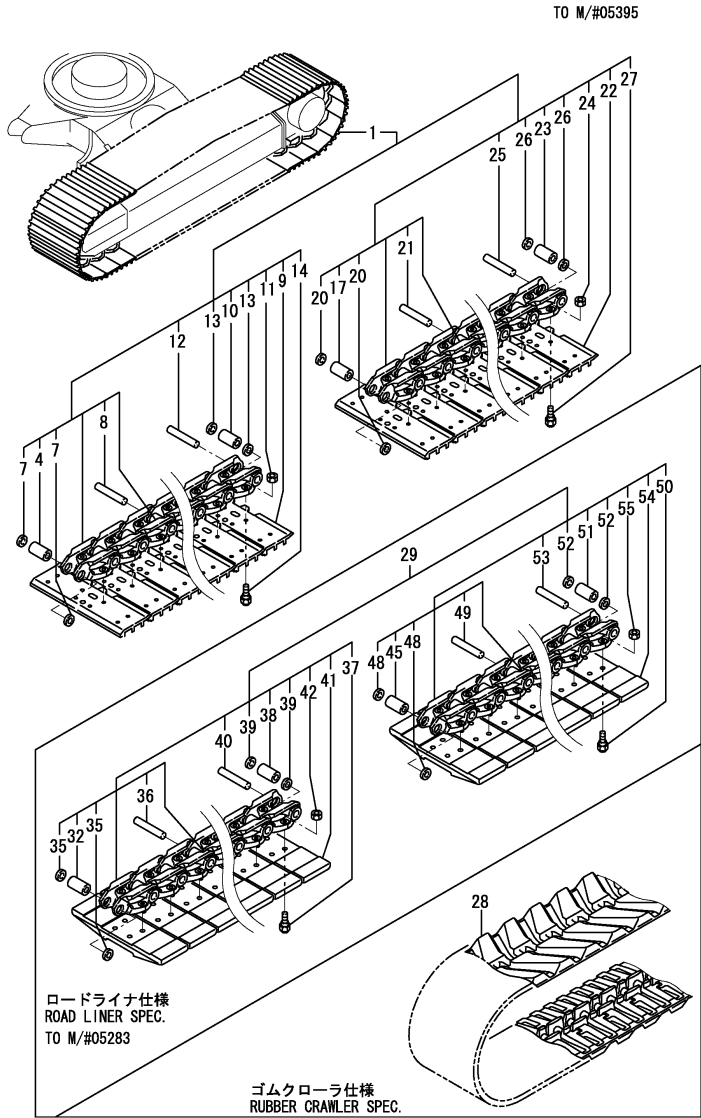
(1)CRAWLER RUBBER SPEC. D1=425MM. OR 429MM.
(2)CRAWLER IRON SPEC. D2=410MM.
(3)D3=REF.NO.6,8,9,18,20,21 14MM,
N0.6-1,8-1,9-1,18-1,20-1,21-1
10MM

No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
23	2	933171-13691	PLUG	2	2	2	2	2	2	W	
24	2	22242-000400	RING, 40	2	2	2	2	2	2		
	(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)	(F=M/#05479)					
25	1	172187-37700	ADJUSTER ASSY	2	2	2	2	2	2	N	
26	1	172162-37770	TUBE ASSY, ADJUST	2	2	2	2	2	2		
27	1	172162-37800	PISTON	2	2	2	2	2	2		
28	1	172162-37810	PLATE, ADJUSTER	2	2	2	2	2	2		
29	1	172122-37843	VALVE ASSY, NIPPLE	2	2	2	2	2	2		
29-1	1	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2	2	2		
	(A=M/#05739)	(B=M/#05739)	(C=M/#05739)	(D=M/#05739)	(E=M/#05739)	(F=M/#05739)					
30	2	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2		
31	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
32	1	22217-140000	WASHER, SPRING 14	8	8	8	8	8	8		
33	1	24325-000550	O-RING, 1BG55.0	2	2	2	2	2	2		
33-1	1	198072-17440	O-RING, 55.0	1	1	1	1	1	1		
	(A=M/#06088)	(B=M/#06088)	(C=M/#06088)	(D=M/#06088)	(E=M/#06088)	(F=M/#06088)					
34	1	26116-140602	BOLT, M14X 60 PLATED	8	8	8	8	8	8		
35	1	933126-50500	SEAL, OIL	2	2	2	2	2	2		
36	1	933138-12101	RING G55,BACKUP	2	2	2	2	2	2		
36-1	1	172478-37710	RING, BUCK UP	1	1	1	1	1	1		
	(A=M/#06088)	(B=M/#06088)	(C=M/#06088)	(D=M/#06088)	(E=M/#06088)	(F=M/#06088)					

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

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

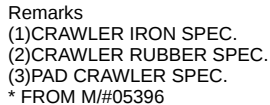
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-38100	SHOE, TRACK (A=M/#05396) (B=M/#05396) (C=M/#05396) (D=M/#05396)	1	1	1	1	1	1	Z	1
4	4	182900-55800	BUSHING	36	36	36	36	36	36		
7	4	182900-57570	SEAL	72	72	72	72	72	72		
8	4	182900-57550	PIN	36	36	36	36	36	36		
9	3	172187-38130	SHOE	38	38	38	38	38	38		
10	3	172187-38140	BUSH	2	2	2	2	2	2		
11	3	182900-54080	NUT,SHOE	152	152	152	152	152	152		
12	3	182900-57560	PIN	2	2	2	2	2	2		
13	3	182900-57580	SEAL	4	4	4	4	4	4		
14	3	182900-57590	BOLT,SHOE	152	152	152	152	152	152		
17	4	182900-55800	BUSHING	38	38	38	38	38	38		
20	4	182900-57570	SEAL	76	76	76	76	76	76		
21	4	182900-57550	PIN	38	38	38	38	38	38		
22	3	172187-38130	SHOE	40	40	40	40	40	40		
23	3	172187-38140	BUSH	2	2	2	2	2	2		
24	3	182900-54080	NUT,SHOE	160	160	160	160	160	160		
25	3	182900-57560	PIN	2	2	2	2	2	2		
26	3	182900-57580	SEAL	4	4	4	4	4	4		
27	3	182900-57590	BOLT,SHOE	160	160	160	160	160	160		
28	1	182900-57510	SHOE	2							
28-1	1	172187-38601	CRAWLER ASSY, RUBBER (A=M/#00965)	2	2	2	2	2	2	N	
29	1	172187-38200	SHOE ASSY, TRACK (A=M/#05284) (B=M/#05284)	2	2					Z	2
32	4	182900-55810	BUSHING	36	36						
35	4	182900-57570	SEAL	72	72						
36	4	182900-57600	PIN	36	36						
37	3	182900-53340	BOLT	152	152						
38	3	182900-55820	BUSHING	2	2						
39	3	182900-57580	SEAL	4	4						
40	3	182900-57610	PIN	2	2						
41	3	182900-57620	SHOE	38	38						
42	3	953KM0-02019	NUT	152	152						
45	4	182900-55810	BUSHING	38	38						
48	4	182900-57570	SEAL	76	76						
49	4	182900-57600	PIN	38	38						
50	3	182900-53340	BOLT	160	160						
51	3	182900-55820	BUSHING	2	2						
52	3	182900-57580	SEAL	4	4						
53	3	182900-57610	PIN	2	2						
54	3	182900-57620	SHOE	40	40						
55	3	953KM0-02019	NUT	160	160						

Remarks
(1)SIMULTANEOUS REPLACEMENT WITH BOTH
LIFT & RIGHT SIDE PARTS ARE INTER-
CHANGEABLE WITH FIG.39 REF.NO.1
(1)SIMULTANEOUS REPLACEMENT WITH BOTH
LIFT & RIGHT SIDE PARTS ARE INTER-
CHANGEABLE WITH FIG.39 REF.NO.20
* TO M/#05395

Fig.39. CRAWLER(NEW)



No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R	
				(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172187-38150	SHOE ASSY, TRACK	2	2	2	2	2	2	1		
2	2	172455-38120	LINK ASSY	2	2	2	2	2	2			
3	3	172455-38180	LINK, TRUCK	76	76	76	76	76	76			
4	3	172455-38190	LINK, TRUCK	76	76	76	76	76	76			
5	3	172455-38200	LINK, MASTER	2	2	2	2	2	2			
6	3	172455-38210	LINK, MASTER	2	2	2	2	2	2			
7	3	172455-38220	BUSH, TRUCK	76	76	76	76	76	76			
8	3	172455-38230	PIN, TRUCK	76	76	76	76	76	76			
9	3	172455-38240	BUSH, MASTER	2	2	2	2	2	2			
10	3	172455-38250	PIN, MASTER	2	2	2	2	2	2			
11	3	172455-38260	COLLAR	4	4	4	4	4	4			
12	3	172455-38270	PIN, COTTER	2	2	2	2	2	2			
13	3	172455-38280	SEAL	152	152	152	152	152	152			
14	2	172187-38160	SHOE, TRACK	78	78	78	78	78	78			
15	2	172455-38160	NUT, SHOE	156	156	156	156	156	156			
16	2	172455-38160	NUT, SHOE	156	156	156	156	156	156			
17	2	172455-38170	BOLT, SHOE	156	156	156	156	156	156			
18	2	172455-38170	BOLT, SHOE	156	156	156	156	156	156			
19	1	172187-38601	CRAWLER ASSY, RUBBER	2	2	2	2	2	2	2		
20	1	172455-38700	CRAWLER ASSY, PAD	2	2						3	
21	2	172455-38730	CRAWLER, PAD	78	78							
22	2	172455-38750	LINK ASSY	2	2							
23	3	172455-38120	LINK ASSY	2	2							
24	4	172455-38180	LINK, TRUCK	76	76							
25	4	172455-38190	LINK, TRUCK	76	76							
26	4	172455-38200	LINK, MASTER	2	2							
27	4	172455-38210	LINK, MASTER	2	2							
28	4	172455-38220	BUSH, TRUCK	76	76							
29	4	172455-38230	PIN, TRUCK	76	76							
30	4	172455-38240	BUSH, MASTER	2	2							
31	4	172455-38250	PIN, MASTER	2	2							
32	4	172455-38260	COLLAR	4	4							
33	4	172455-38270	PIN, COTTER	2	2							
34	4	172455-38280	SEAL	152	152							
35	3	172455-38160	NUT, SHOE	156	156							
36	3	172455-38160	NUT, SHOE	156	156							
37	3	172455-38170	BOLT, SHOE	156	156							
38	3	172455-38170	BOLT, SHOE	156	156							
39	1	172187-38300	TRACK ASSY, MASTER	1	1	1	1	1	1	W		
40	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
	2	172187-38160	SHOE, TRACK		1	1	1	1	1	1	W	
	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
41	2	172455-38160	NUT, SHOE	4	4	4	4	4	4	4	W	
	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
42	2	172455-38170	BOLT, SHOE	4	4	4	4	4	4	4	W	
	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
43	3	172455-38200	LINK, MASTER	1	1	1	1	1	1	1	W	
	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
44	3	172455-38210	LINK, MASTER	1	1	1	1	1	1	1	W	
	(A=*2003.09)	(B=*2003.09)	(C=*2003.09)	(D=*2003.09)	(E=*2003.09)		(F=*2003.09)					
45	3	172455-38240	BUSH, MASTER	1	1	1	1	1	1	1	W	

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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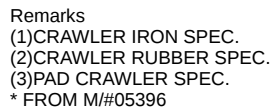
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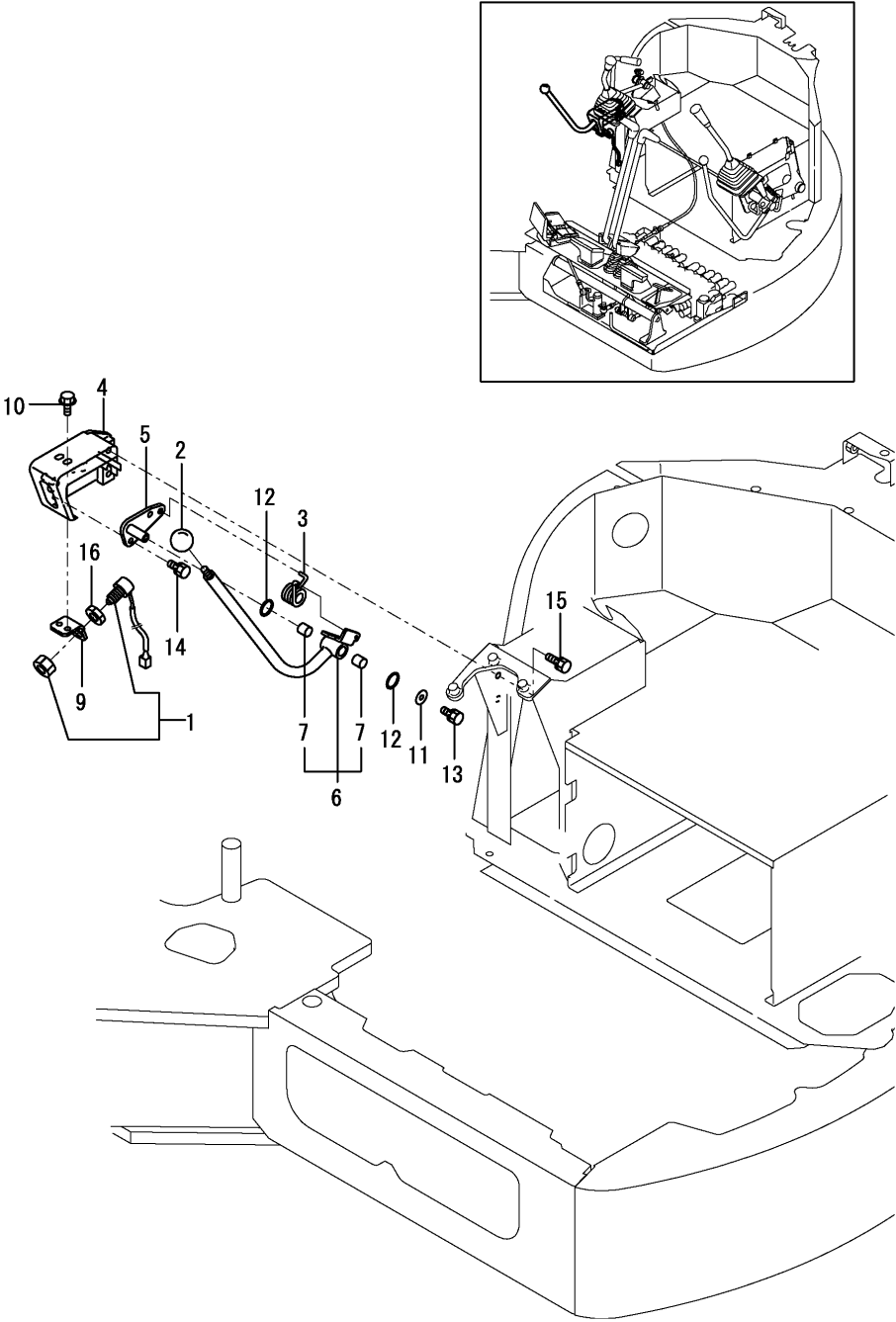
Fig.40. CONTROL EQUIPMENT(LEVER STAND & LOCK LEVER L)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17180	BRACKET	1	1	1	1	1	1		
2	1	1D4070-23580	GRIP	1	1	1	1	1	1		
3	1	172187-45400	STAND ASSY, LINK	1							
3-1	1	172187-45401 (A=M/#00882)	STAND ASSY, LINK	1	1	1	1	1	1	N	
4	1	172124-46200	O-RING	2	2	2	2	2	2		
5	1	172187-46600	FOOTLEST L	1	1	1	1	1	1		
6	1	172187-46650	STAND ASSY, LEVER	1							
6-1	1	172187-46651 (A=M00578)	STAND ASSY, LEVER	1	1	1	1	1	1	N	
7	2	172141-41370	BUSH	2	2	2	2	2	2		
8	2	24550-025150	BUSH, 25X15	2	2	2	2	2	2		
9	1	172187-46800	ARM ASSY, LOCK	1	1	1	1	1	1		
10	1	172187-46820	GUIDE ASSY, HOSE	1	1	1	1	1	1		
11	1	172165-47450	LEVER, LOCK	1				1			
12	1	172165-47550	BUSH	1	1	1	1	1	1		
13	1	172165-47621	GUIDE ASSY, LOCK	1	1	1	1	1	1		
14	1	172165-47711	PLATE	2	2			2	2		
15	1	172165-47801	SPRING, GAS	1	1	1	1	1	1		
16	1	172165-47980	SHIM	2	2	2	2	2	2		
17	1	172165-47990	WASHER	1	1	1	1	1	1		
18	1	1A1380-56661	SPRING, RETURN	1	1	1	1	1	1		
19	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
20	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
21	1	22242-000250	RING, 25	1	1	1	1	1	1		
22	1	22272-000070	RING, E- 7	1	1	1	1	1	1		
23	1	22351-030032	PIN, SPRING 3.0X32	1							
23-1	1	22351-035040 (A=M/#00501)	PIN, SPRING 3.5X40	1	1	1	1	1	1	N	
24	1	22351-060040	PIN, SPRING 6.0X40	1	1	1	1	1	1		
25	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2		
26	1	24311-000340	O-RING, 1AP34.0	2	2	2	2	2	2		
27	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
28	1	26013-080162	BOLT, M8X 16	3	3	3	3	3	3		
29	1	26013-080162	BOLT, M8X 16	8	8	6	6	8	8		
30	1	26013-080202	BOLT, M8X 20	2	2	2	2	2	2		
31	1	26013-080202	BOLT, M8X 20	2	2	2	2	2	2		
32	1	26013-100202	BOLT, M10X 20	5	5	5	5	5	5		
33	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
34	1	172187-46620	FOOT LEST R	1	1			1			
35	1	26013-080162	BOLT, M8X 16	3	3			3			
36	1	172165-47680	LEVER, LOCK			1	1				
36-1	1	172165-47681 (C=M/#01597) (D=M/#01597)	LEVER, LOCK			1	1			N	
37	1	172187-46980	LEVER (L), LOCK		1					1	
38	1	26013-060202	BOLT, M6X 20			8	8				
39	1	172187-47010	BRACKET R,EP			1	1				
40	1	172187-47020	BRACKET L,EP			1	1				
41	1	172165-46340	BOLT			6	6				
42	1	22217-080000	WASHER, SPRING 8			6	6				

Fig.41. CONTROL EQUIPMENT(LOCK LEVER R : CANOPY)



0CK10-M33003 Fig.41

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

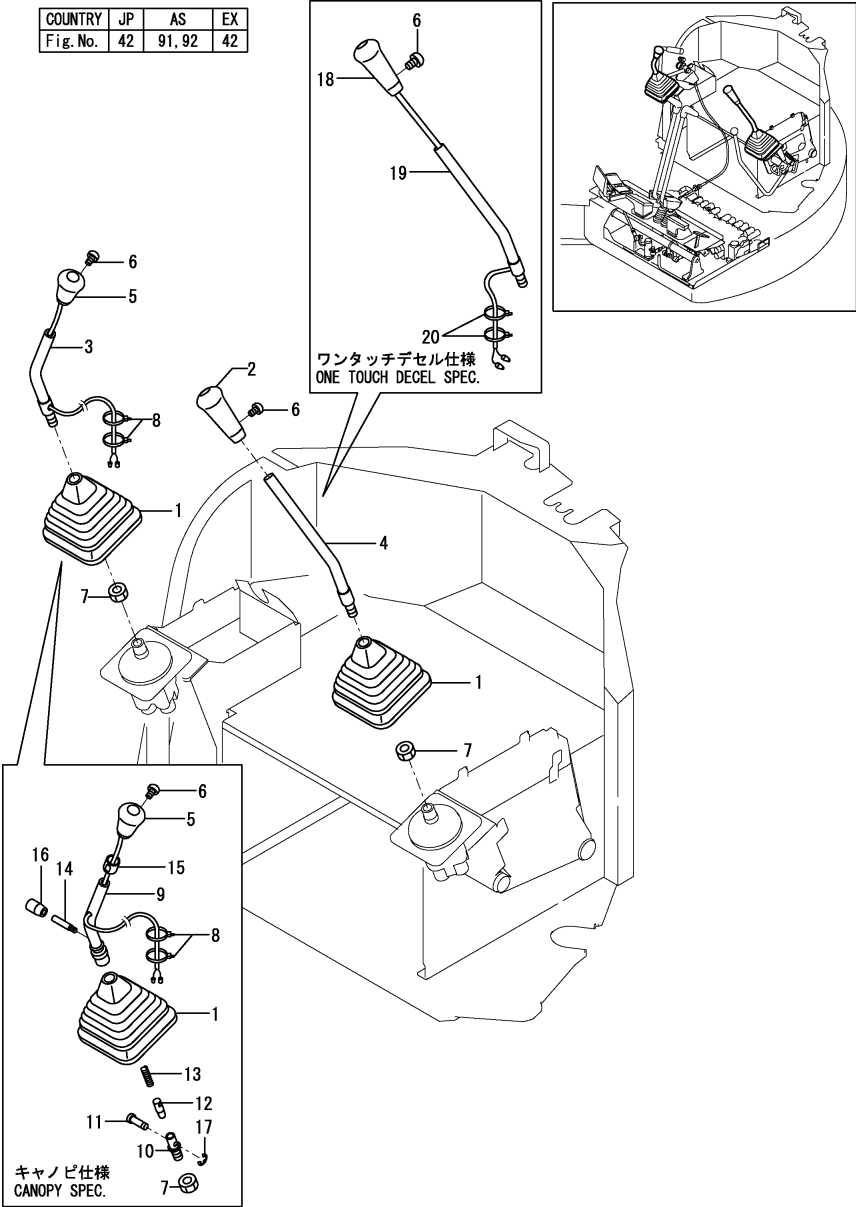
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-17140	SWITCH		1		1		1		
2	1	1D4070-23580	GRIP		1		1		1		
3	1	172165-45970	SPRING		1		1		1		
4	1	172187-46850	BRACKET		1		1		1		
5	1	172187-46900	SHAFT ASSY		1		1		1		
6	1	172187-46920	LEVER		1		1		1		
7	2	172141-41360	BUSH		2		2		2		
9	1	172187-46960	STAY ASSY, SWITCH		1		1		1		
10	1	172519-63240	BOLT		2		2		2		
11	1	22157-080000	WASHER, 8		1		1		1		
12	1	24311-000210	O-RING, 1AP21.0		2		2		2		
13	1	26013-080162	BOLT, M8X 16		1		1		1		
14	1	26013-080162	BOLT, M8X 16		2		2		2		
15	1	26013-100252	BOLT, M10X 25		2		2		2		
16	1	26776-160002	NUT, LOCK M16		1		1		1		

Fig.42. CONTROL EQUIPMENT(OPERATION LEVER)

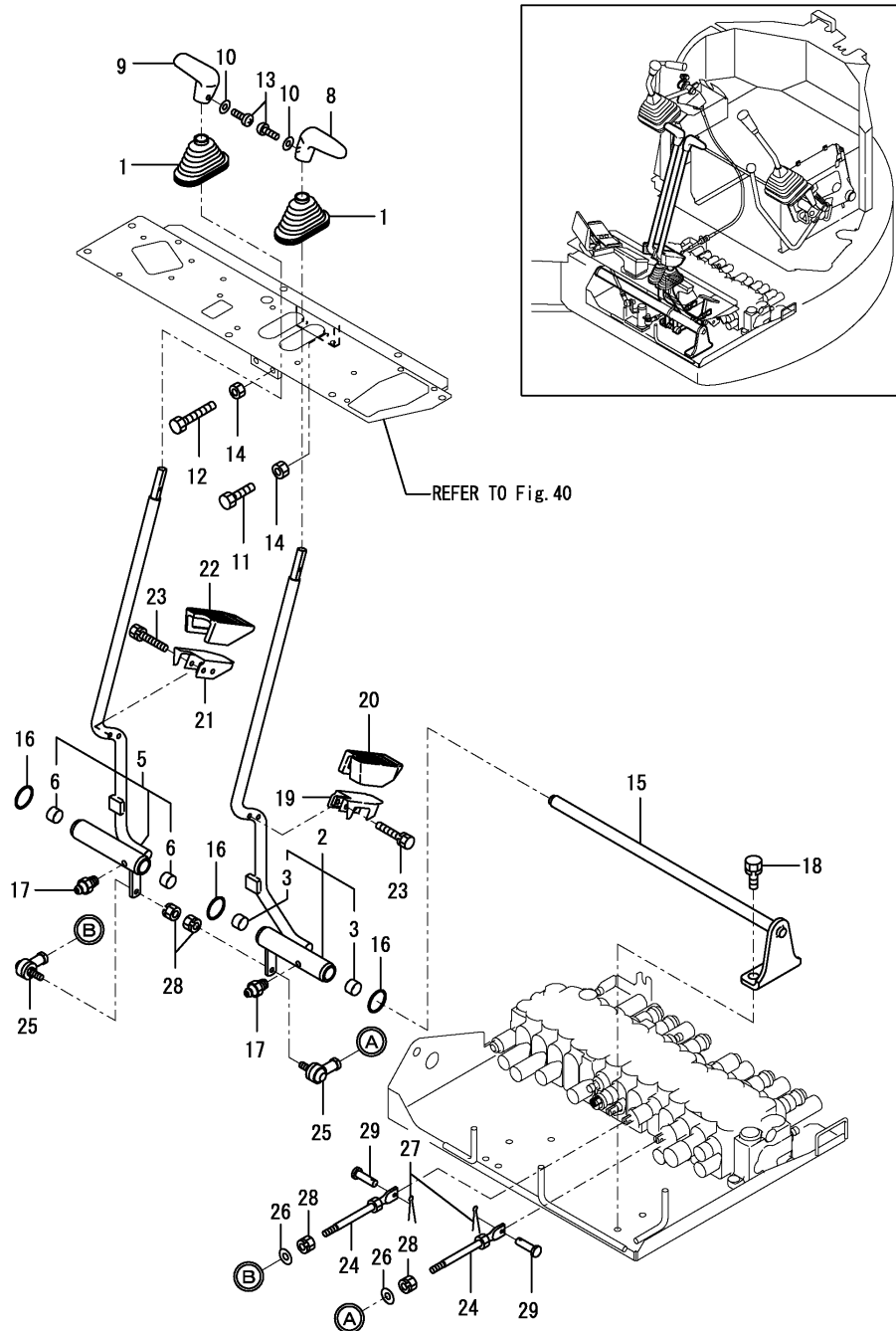
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



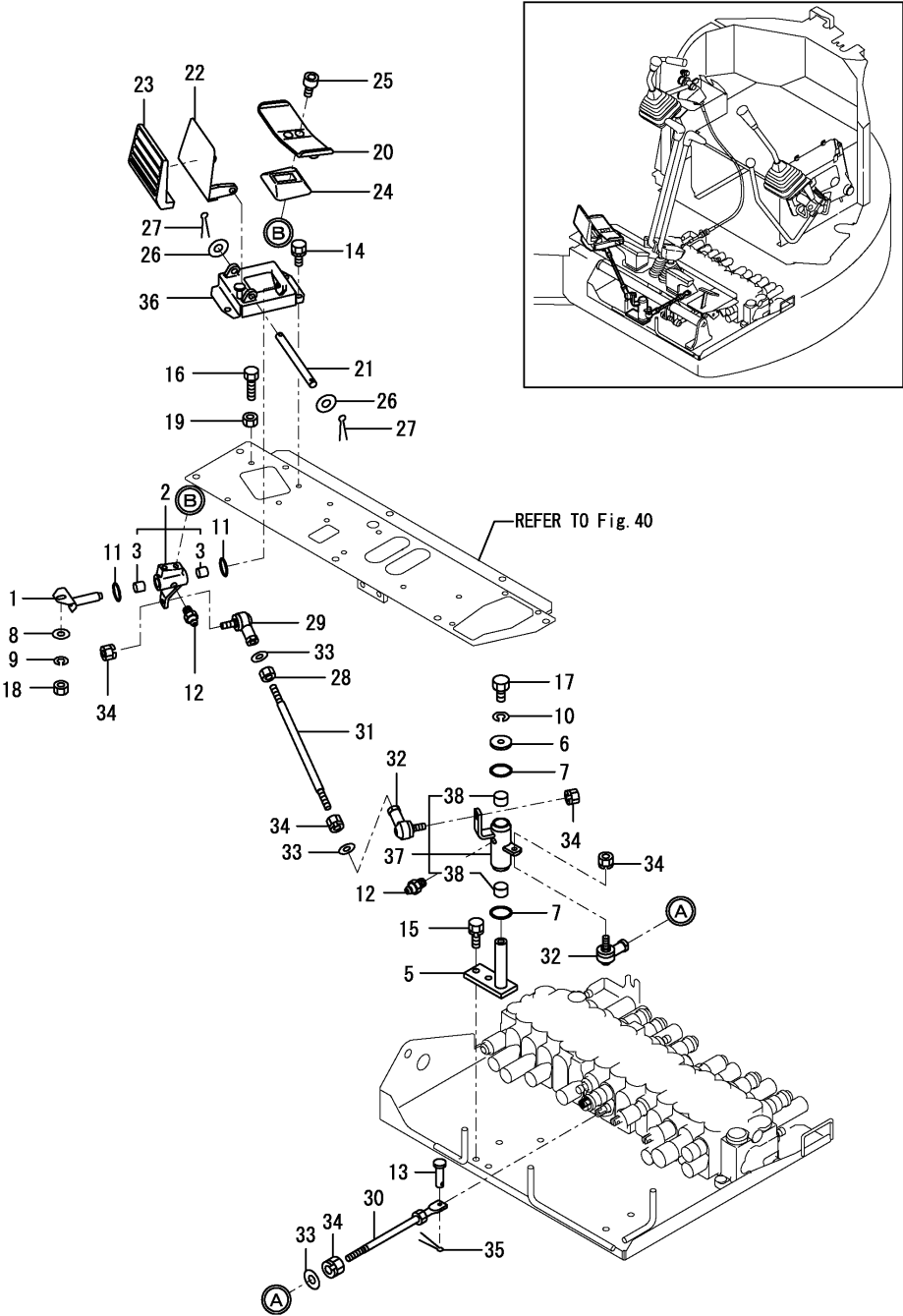
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-45010	BOOT P,LEVER	2	2			2	2		
2	1	172165-45071	KNOB ASSY	1	1			1	1		
3	1	172165-47821	LEVER	1				1			
4	1	172165-47851	LEVER	1	1			1	1		
5	1	172165-47871	KNOB ASSY	1	1			1	1		2
6	1	26587-040062	SCREW, M4X 6	2	2			2	2		
7	1	26776-140002	NUT, LOCK M14	2	2			2	2		
8	1	933168-55770	BAND	2	2			2	2		
9	1	172164-45010	LEVER ASSY		1				1		
9-1	1	172164-45011	LEVER ASSY		1				1	N	
		(B=M/#05645)							(F=M/#05645)		
10	1	172164-45041	HINGE		1				1		
11	1	172164-45050	PIN 8X 22		1				1		
12	1	172164-45061	PIN		1				1		
13	1	172164-45070	SPRING		1				1		
14	1	172164-45080	SCREW, M6		1				1		
15	1	172164-45090	CAP		1				1		
16	1	172157-58830	KNOB, 6.5X18X35		1				1		
17	1	22272-000060	RING, E- 6		1				1		
18	1	172187-45080	KNOB, DESEL	1	1						1
19	1	172190-45080	LEVER, DECEL	1	1						1
20	1	933168-55770	BAND	2	2						1

Remarks
(1)ONE-TOUCH DECEL SPEC.
(2)A KNOB WITH A BUILT-IN
HORN SWITCH.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2	2	2	2	2		
2	1	172187-45100	LEVER L COMP.	1	1	1	1	1	1		
3	2	172141-41370	BUSH	2	2	2	2	2	2		
5	1	172187-45150	LEVER R CMP.	1	1	1	1	1	1		
6	2	172141-41370	BUSH	2	2	2	2	2	2		
8	1	172187-45870	GRIP, DRIVE	1	1	1	1	1	1		
9	1	172187-45880	GRIP, DRIVE	1	1	1	1	1	1		
10	1	22137-040000	WASHER, 4	2	2	2	2	2	2		
11	1	26116-100404	BOLT, M10X 40 PLATED	2	2	2	2	2	2		
12	1	26116-100604	BOLT, M10X 60 PLATED	2	2	2	2	2	2		
13	1	26587-040122	SCREW, M4X12	2	2	2	2	2	2		
14	1	26716-100002	NUT, M10	4	4	4	4	4	4		
15	1	172187-45190	SHAFT ASSY, TRACK	1	1	1	1	1	1		
16	1	172124-46200	O-RING	3	3	3	3	3	3		
17	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
18	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
19	1	172187-45220	PEDAL ASSY	1	1	1	1	1	1		
20	1	172187-45250	PAD, PEDAL	1	1	1	1	1	1		
21	1	172187-45260	PEDAL ASSY	1	1	1	1	1	1		
22	1	172187-45280	PAD, PEDAL	1	1	1	1	1	1		
23	1	26013-060302	BOLT, M6X 30	4	4	4	4	4	4		
24	1	172164-45230	ROD 135 ASSY	2	2	2	2	2	2		
25	1	172122-46590	ELBOW	2	2	2	2	2	2		
26	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
27	1	22417-160160	PIN, COTTER 1.6X16	2	2	2	2	2	2		
28	1	26051-080002	NUT, M8	4	4	4	4	4	4		
29	1	933110-54100	PIN	2	2	2	2	2	2		

Fig.44. CONTROL EQUIPMENT(SWING)



				OCK10-M33003		Fig.44					
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C		(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-45530	SHAFT ASSY	1	1	1	1	1	1		
2	1	172187-45560	LINK ASSY, PEDAL	1	1	1	1	1	1		
3	2	172141-41360	BUSH	2	2	2	2	2	2		
5	1	172187-45690	SHAFT ASSY, SWING	1	1	1	1	1	1		
6	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1	1	1	1		
7	1	172124-46200	O-RING	2	2	2	2	2	2		
8	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
9	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
10	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
11	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
13	1	933110-54100	PIN	1	1	1	1	1	1		
14	1	26013-080162	BOLT, M8X 16	3	3	3	3	3	3		
15	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
16	1	26116-080304	BOLT, M8X 30 PLATED	2	2	2	2	2	2		
17	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1	1	1		
18	1	26716-080002	NUT, M8	1	1	1	1	1	1		
19	1	26716-080002	NUT, M8	2	2	2	2	2	2		
20	1	172187-45500	PEDAL ASSY, SWING	1	1	1	1	1	1		
21	1	172187-45650	SHAFT, COVER	1	1	1	1	1	1		
22	1	172187-45720	COVER, PEDAL	1	1	1	1	1	1		
23	1	172187-45760	PAD	1	1	1	1	1	1		
24	1	172157-45990	BOOT, PEDAL	1	1	1	1	1	1		
25	1	172165-46340	BOLT	2	2	2	2	2	2		
26	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
27	1	22417-250200	PIN, COTTER 2.5X20	2	2	2	2	2	2		
28	1	194200-37780	NUT, M8	1	1	1	1	1	1		
29	1	172734-41300	JOINT, BALL	1	1	1	1	1	1		
30	1	172187-45770	ROD 178	1	1	1	1	1	1		
31	1	172168-45880	ROD 230	1	1	1	1	1	1		
32	1	172122-46590	ELBOW	2	2	2	2	2	2		
33	1	22137-080000	WASHER, 8	3	3	3	3	3	3		
34	1	26051-080002	NUT, M8	5	5	5	5	5	5		
35	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
36	1	172187-45600	BRACKET	1	1	1	1	1	1		
37	1	172187-45660	LINK ASSY, SWING	1	1	1	1	1	1		
38	2	172141-41370	BUSH	2	2	2	2	2	2		

N:Old

Yes

No

New

Q:Old

Yes

No

New

R:Old

Yes

No

New

S:Old

Yes

No

New

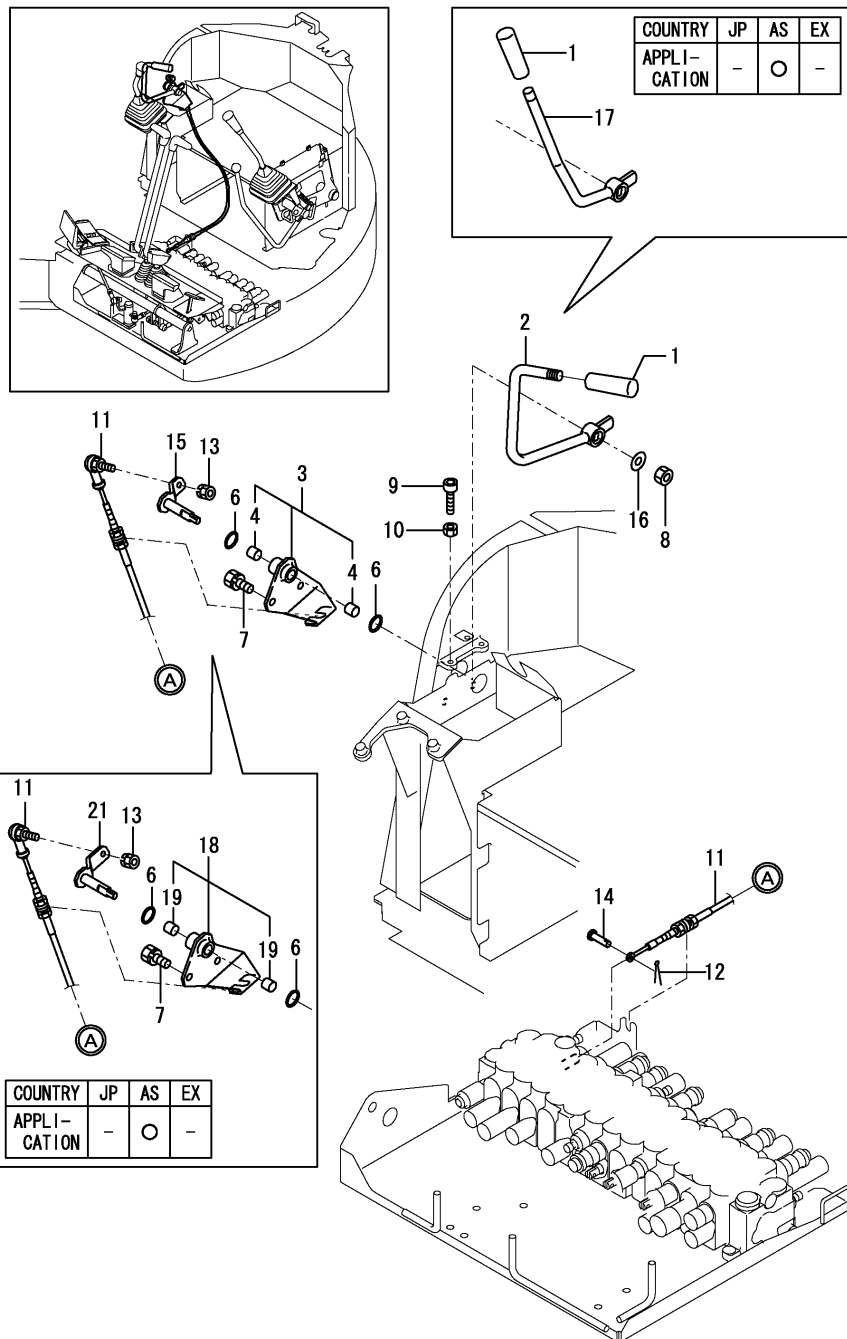
W:Add

Z:Discontinued

F:Interchangeable by set

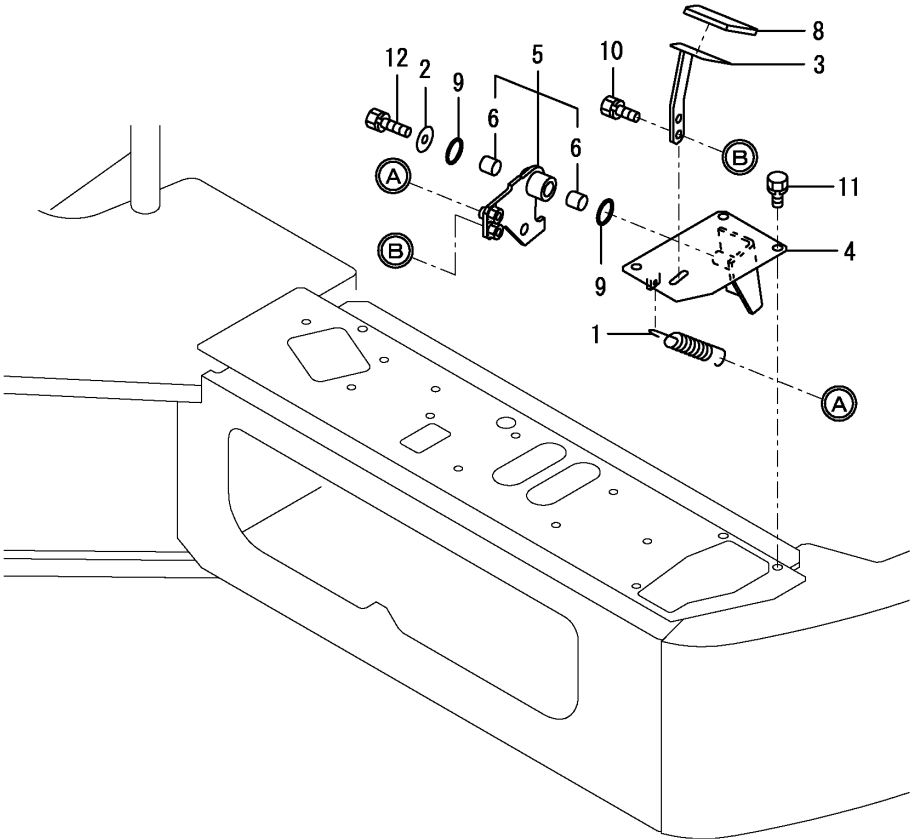
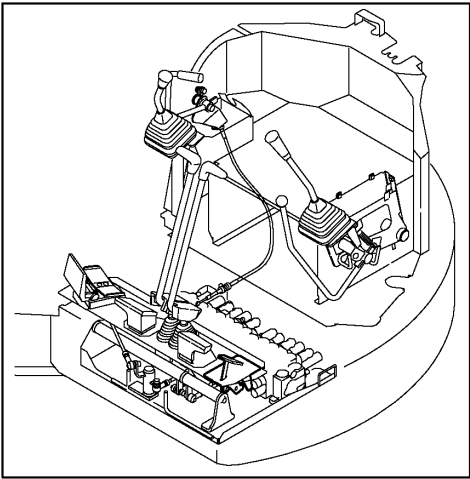
K:Q'ty Change

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172964-12140	GRIP	1	1	1	1	1	1		
2	1	172187-45300	LEVER ASSY	1	1			1	1		
3	1	172187-45330	BRACKET CMP	1	1			1	1		
4	2	172141-41360	BUSH	2	2			2	2		
6	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
7	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
8	1	26347-100002	NUT, M10	1	1	1	1	1	1		
9	1	26450-080352	BOLT, M8X 35	2	2	2	2	2	2		
10	1	26716-080002	NUT, M8	2	2	2	2	2	2		
11	1	172187-45800	CABLE, BLADE	1	1	1	1	1	1		
12	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
13	1	26051-080002	NUT, M8	1	1	1	1	1	1		
14	1	933110-54100	PIN	1	1	1	1	1	1		
15	1	172187-45360	LINK ASSY, BLADE	1	1			1	1		
16	1	22117-100000	WASHER, 10	1	1	1	1	1	1		
17	1	172187-45810	LEVER ASSY,EP			1	1				
18	1	172187-47110	BRACKET ASSY,EP			1	1				
19	2	172141-41360	BUSH			2	2				
21	1	172187-47140	LINK ASSY, BLADE EP			1	1				

Fig.46. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

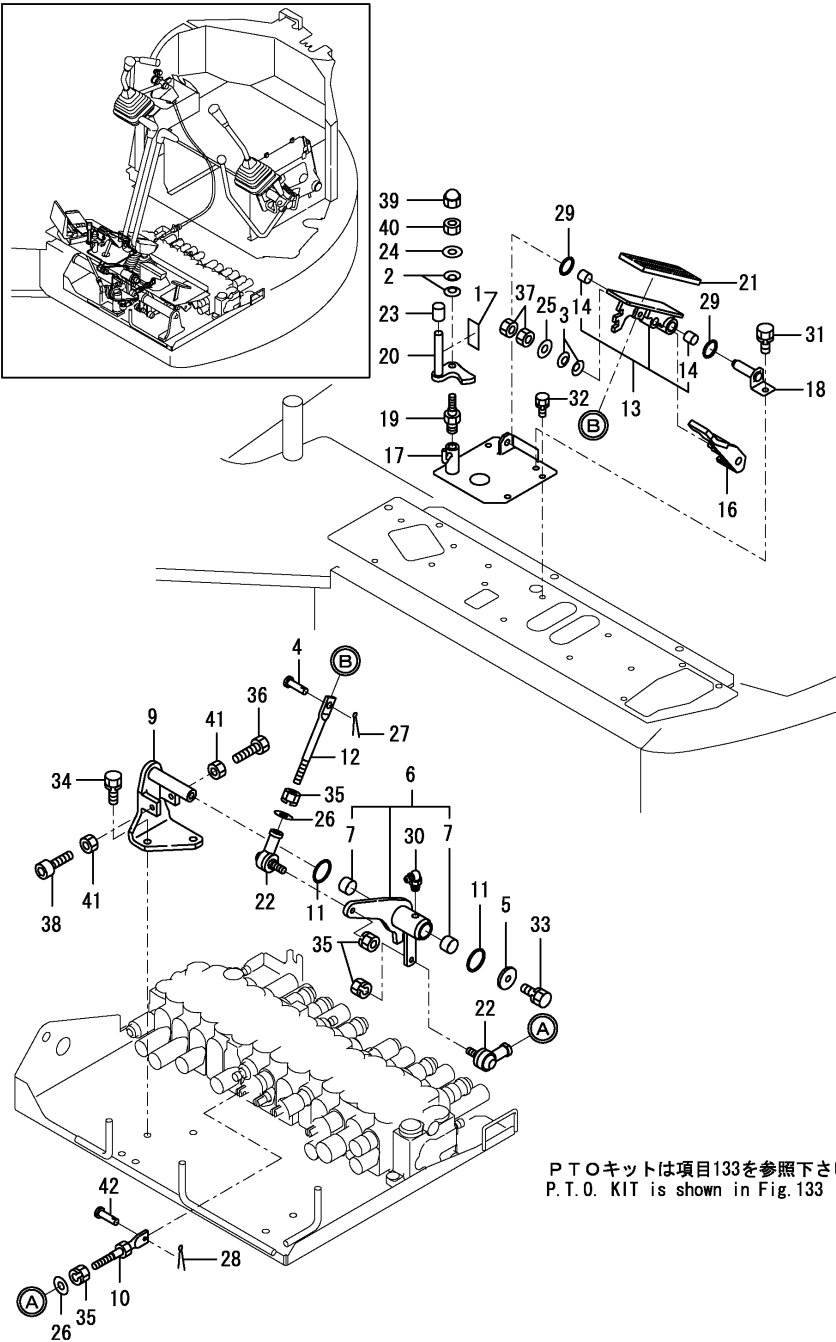


(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-12480	SPRING, RETURN	1	1	1	1	1	1		
2	1	1A1040-43900	WASHER, SPRING	1	1	1	1	1	1		
3	1	172187-45900	PEDAL ASSY	1	1	1	1	1	1		
4	1	172187-45930	BRACKET ASSY, PEDAL	1	1	1	1	1	1		
5	1	172187-45960	BRACKET ASSY, PEDAL	1	1	1	1	1	1		
6	2	172141-41360	BUSH	2	2	2	2	2	2		
8	1	172187-45990	PEDAL PAD	1	1	1	1	1	1		
9	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
10	1	26013-080162	BOLT, M8X 16	2	2	2	2	2	2		
11	1	26013-080162	BOLT, M8X 16	3	3	3	3	3	3		
12	1	26013-080202	BOLT, M8X 20	1	1	1	1	1	1		

Fig.47. CONTROL EQUIPMENT(P.T.O.)



P.T.O. KITは項目133を参照下さい
P.T.O. KIT is shown in Fig. 133

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

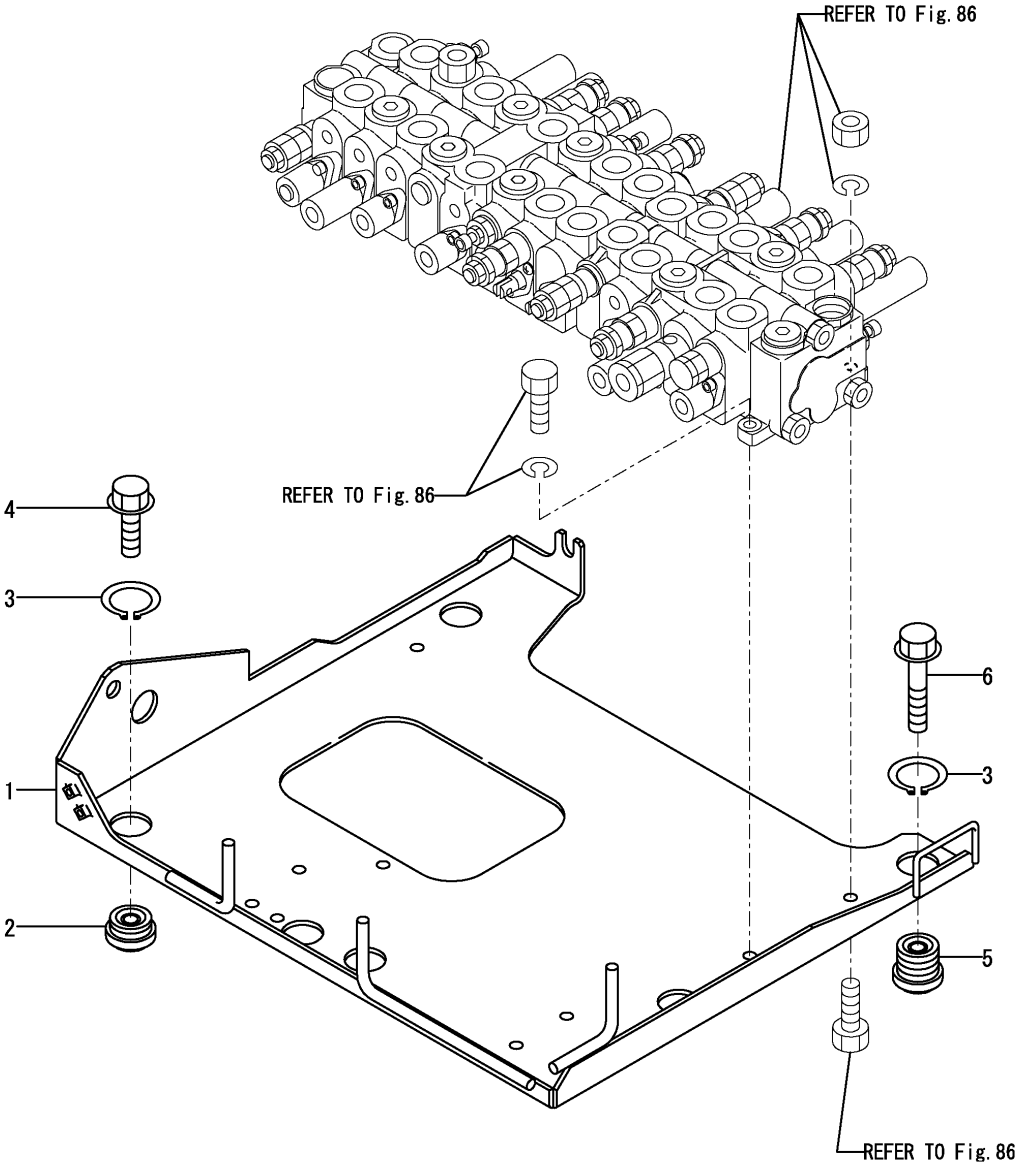
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-03200	LABEL,P.T.O. LOCK	1	1	1	1	1	1		
2	1	172068-28490	SPRING	2	2	2	2	2	2		
3	1	172068-28490	SPRING	2	2	2	2	2	2		
4	1	172110-45150	PIN (Q)	1	1	1	1	1	1		
5	1	1A1040-45890	WASHER, 10X36X4.5	1	1	1	1	1	1		
6	1	172187-46110	LINK ASSY, PTO	1	1	1	1	1	1		
7	2	172141-41370	BUSH	2	2	2	2	2	2		
9	1	172187-46140	BRACKET	1	1	1	1	1	1		
10	1	172187-46190	ROD A ASSY	1	1	1	1	1	1		
11	1	172124-46200	O-RING	2	2	2	2	2	2		
12	1	172187-46210	ROD	1	1	1	1	1	1		
13	1	172187-46220	PEDAL ASSY	1	1	1	1	1	1		
14	2	172141-41360	BUSH	2	2	2	2	2	2		
16	1	172187-46290	PEDAL ASSY	1	1	1	1	1	1		
17	1	172187-46340	PEDAL BASE	1	1	1	1	1	1		
18	1	172187-46400	BRACKET ASSY	1	1	1	1	1	1		
19	1	172187-46430	SHAFT	1	1	1	1	1	1		
20	1	172187-46440	PLATE ASSY	1	1	1	1	1	1		
21	1	172187-46500	PEDAL PAD	1	1	1	1	1	1		
22	1	172122-46590	ELBOW	2	2	2	2	2	2		
23	1	172116-46630	KNOB, LEVER	1	1	1	1	1	1		
24	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
25	1	22137-080000	WASHER, 8	1	1	1	1	1	1		
26	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
27	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
28	1	22417-160160	PIN, COTTER 1.6X16	1	1	1	1	1	1		
29	1	24311-000210	O-RING, 1AP21.0	2	2	2	2	2	2		
30	1	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
31	1	26013-080162	BOLT, M8X 16	1	1	1	1	1	1		
32	1	26013-080162	BOLT, M8X 16	3	3	3	3	3	3		
33	1	26013-100162	BOLT, M10X 16	1	1	1	1	1	1		
34	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
35	1	26051-080002	NUT, M8	4	4	4	4	4	4		
36	1	26116-080304	BOLT, M8X 30 PLATED	1	1	1	1	1	1		
37	1	26756-080002	NUT, LOCK M8	2	2	2	2	2	2		
38	1	26450-080302	BOLT, M8X 30	1	1	1	1	1	1		
39	1	26668-080002	NUT, CAP M8	1	1	1	1	1	1		
39-1	1	26658-080002	NUT, CAP M8	1	1	1	1	1	1		N
(A)=M/#05514) (B)=M/#05514) (C)=M/#05514) (D)=M/#05514)				(E)=M/#05514) (F)=M/#05514)							
40	1	26716-080002	NUT, M8	1	1	1	1	1	1		
40-1	1	26756-080002	NUT, LOCK M8	1	1	1	1	1	1		N
(A)=M/#05514) (B)=M/#05514) (C)=M/#05514) (D)=M/#05514)				(E)=M/#05514) (F)=M/#05514)							
41	1	26716-080002	NUT, M8	2	2	2	2	2	2		
42	1	933110-54100	PIN	1	1	1	1	1	1		

Fig.48. VALVE PLATE

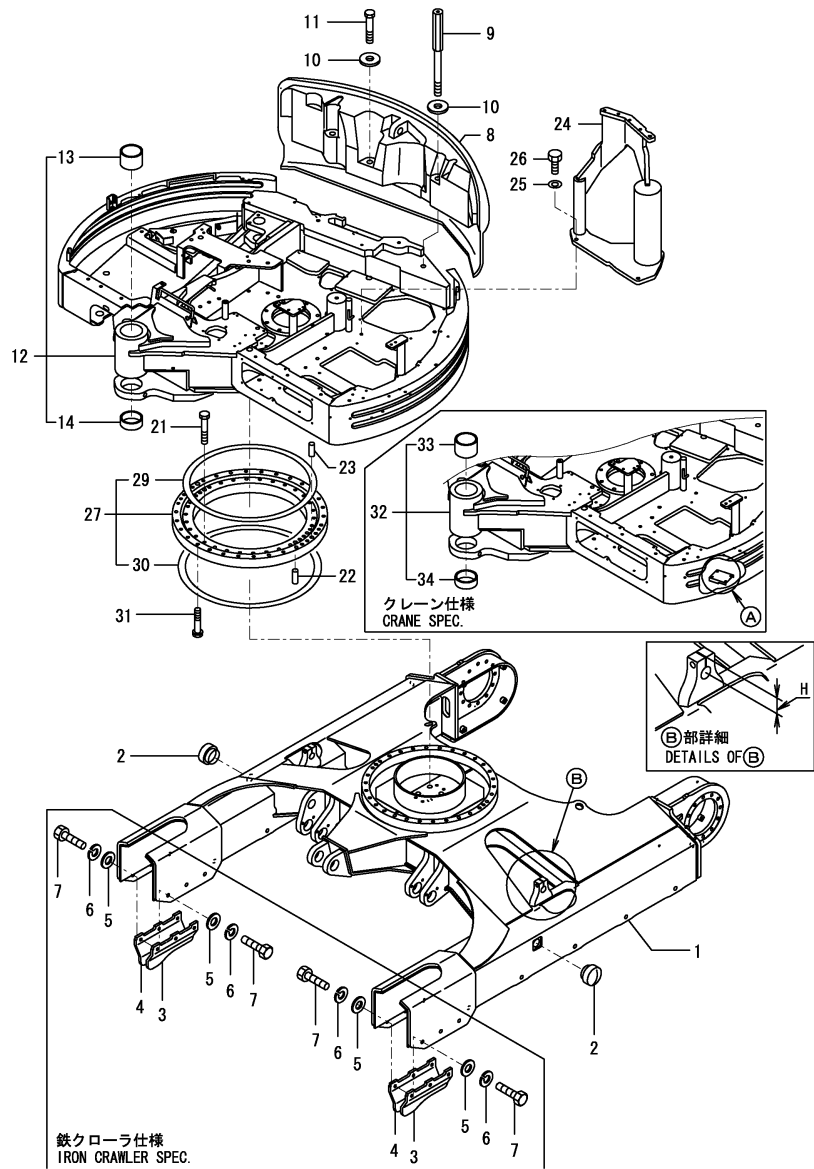
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-45010	PLATE ASSY, VALVE	1	1	1	1	1	1		
2	1	172187-45490	CUSHION ASSY	5							
2-1	1	172187-45490	CUSHION ASSY	3	3	3	3	3	3	K	
(A=M/#00819)											
3	1	22242-000350	RING, 35	5	5	5	5	5	5		
4	1	26106-100352	BOLT, M10X 35 PLATED	5							
4-1	1	26106-100352	BOLT, M10X 35 PLATED	3	3	3	3	3	3	K	
(A=M/#00819)											
5	1	172187-45060	CUSHION ASSY	2	2	2	2	2	2	W	
(A=M/#00819)											
6	1	26106-100552	BOLT, M10X 55 PLATED	2	2	2	2	2	2	W	
(A=M/#00819)											

Fig.49. FRAME & TURNING BEARING



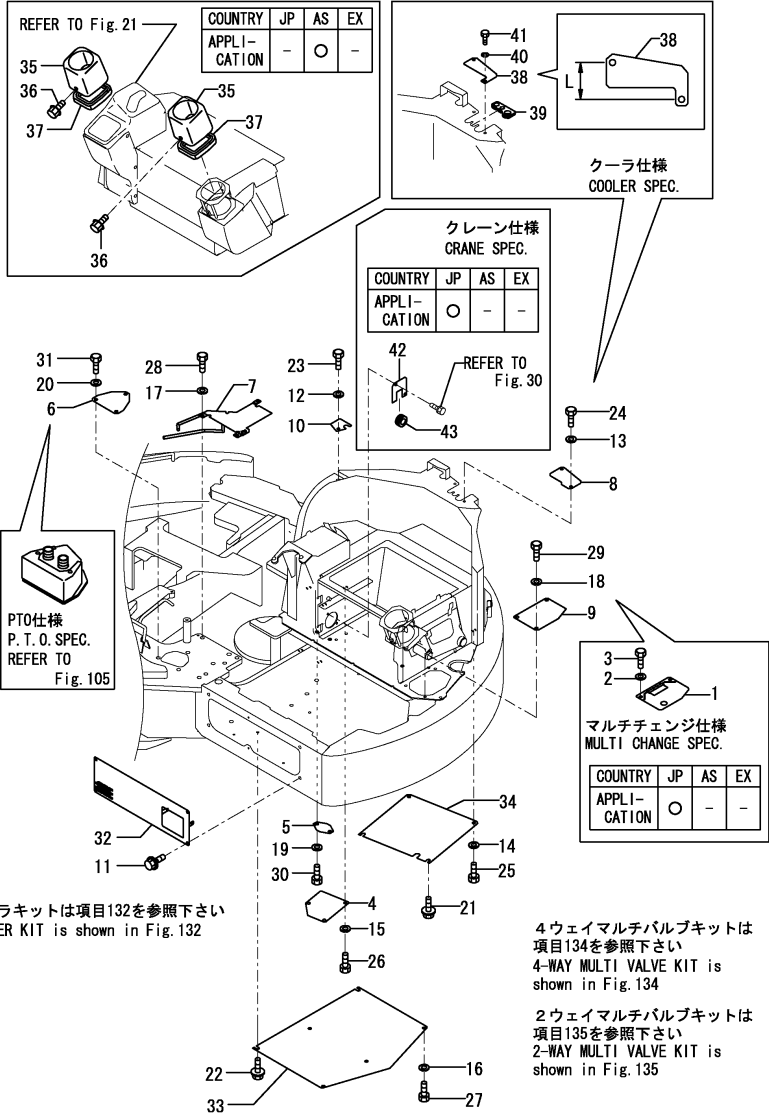
Remarks
(1)CRAWLER IRON SPEC.
(2)CRANE SPEC.
(3)H=REF.NO.1-2 40MM,NO.1-3 30MM
* A PART IS DIFFERENT WITH STANDARD SPEC.

				OCK10-M33003		Fig.49					
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C		(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P					
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-50100-2	FRAME ASSY, LOWER	1	1	1	1	1	1		
1-1	1	172187-50101	FRAME ASSY, LOWER	1	1	1	1	1	1		R
		(A=M/#05146)	(B=M/#05146)	(C=M/#05146)	(D=M/#05146)	(E=M/#05146)	(F=M/#05146)				
1-2	1	172187-50102	FRAME ASSY, LOWER	1	1	1	1	1	1		Q
		(A=M/#05479)	(B=M/#05479)	(C=M/#05479)	(D=M/#05479)	(E=M/#05479)	(F=M/#05479)				
1-3	1	172187-50103	FRAME ASSY, LOWER	1	1	1	1	1	1		S 3
		(A=XXX)	(B=XXX)	(C=XXX)	(D=XXX)	(E=XXX)	(F=XXX)				
2	1	172141-50890	GROMMET	2	2	2	2	2	2		
3	1	172187-50800	PLATE, GUARD	2							1
3-1	1	172187-50801	PLATE, GUARD	2	2	2	2	2	2		N
		(A=M/#01041)									
4	1	172187-50810	PLATE, GUARD	2							1
4-1	1	172187-50811	PLATE, GUARD	2	2	2	2	2	2		N
		(A=M/#01041)									
5	1	22137-160000	WASHER, 16	12	12	12	12	12	12		1
6	1	22217-160000	WASHER, SPRING 16	12	12	12	12	12	12		1
7	1	26116-160402	BOLT, M16X 40 PLATED	12	12	12	12	12	12		1
8	1	172187-53300-2	WEIGHT, COUNTER	1	1	1	1	1	1		
9	1	172187-53310	BOLT 24X210	2	2	2	2	2	2		
10	1	172187-53320	WASHER	3	3	3	3	3	3		
11	1	172187-53330	BOLT 24X140	1	1	1	1	1	1		
12	1	172187-54100	FRAME ASSY, TURNING	1	1	1	1	1	1		
12-1	1	172187-54101	FRAME ASSY, TURNING	1	1	1	1	1	1		N
		(A=M/#01540)	(B=M/#01540)	(C=M/#01540)	(D=M/#01540)	(E=M/#01540)	(F=M/#01540)				
13	2	172187-54750	BUSH	1	1	1	1	1	1		
14	2	172187-54760	BUSH	1	1	1	1	1	1		
21	1	172162-57650	BOLT M16X90	30	30	30	30	30	30		
22	1	172162-57660	PIN, PARALLEL	2	2	2	2	2	2		
23	1	172162-57660	PIN, PARALLEL	2	2	2	2	2	2		
24	1	172187-68100	MOUNT CMP	1	1	1	1	1	1		
24-1	1	172187-68101	MOUNT ASSY	1	1	1	1	1	1		N
		(A=M/#01540)	(B=M/#01540)	(C=M/#01540)	(D=M/#01540)	(E=M/#01540)	(F=M/#01540)				
25	1	22217-160000	WASHER, SPRING 16	3	3	3	3	3	3		
26	1	26116-160452	BOLT, M16X 45 PLATED	3	3	3	3	3	3		
27	1	172187-57600	BEARING ASSY	1	1	1	1	1	1		
29	2	172187-57630	SEAL	1	1	1	1	1	1		
30	2	172187-57640	SEAL	1	1	1	1	1	1		
31	1	172187-57610	BOLT 16X80	28	28	28	28	28	28		
32	1	172187-54900	FRAME ASSY, TURNING	1	1						2
33	2	172187-54750	BUSH	1	1						2
34	2	172187-54760	BUSH	1	1						2

Fig.50. FRAME COVER(TURNING:CABIN)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



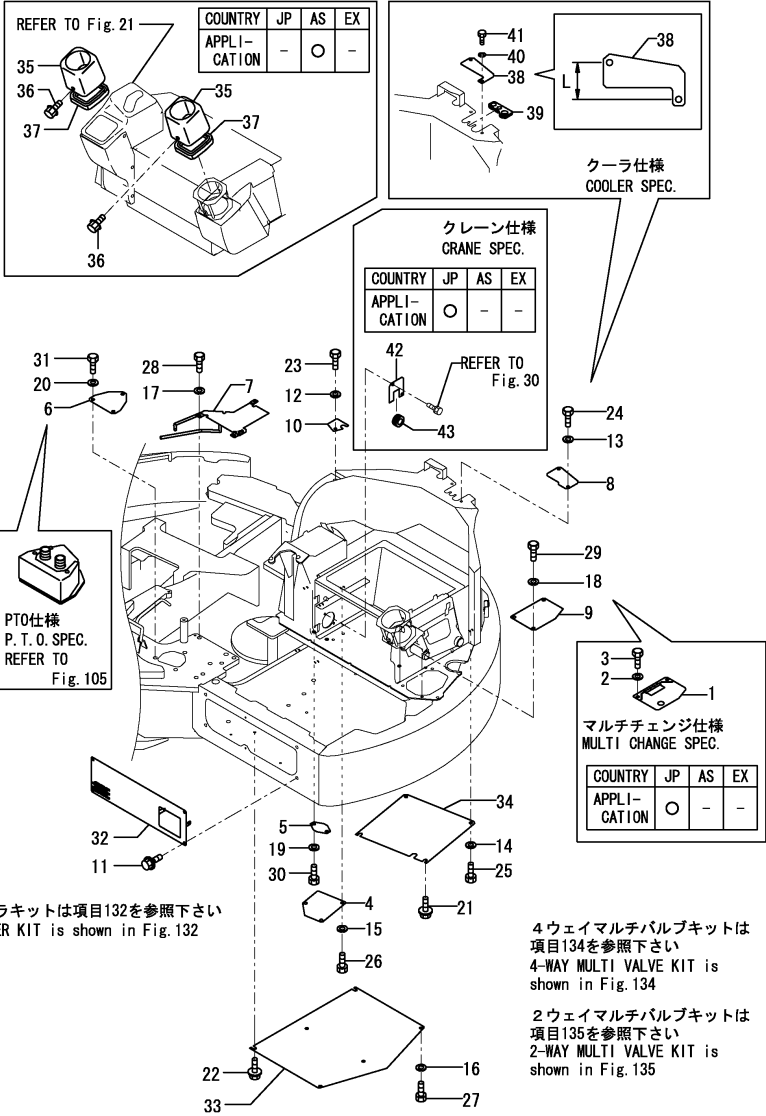
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61380	COVER ASSY, MULTI	1							1
2	1	22217-100000	WASHER, SPRING 10	2							1
3	1	26116-100202	BOLT, M10X 20 PLATED	2							1
4	1	172187-61140	COVER, DRAIN	1		1		1			
5	1	172187-61150	COVER, DRAIN	1		1		1			
6	1	172187-61160	COVER, TURNING	1				1			
7	1	172187-61180	COVER ASSY	1							
7-1	1	172187-61080	COVER ASSY	1		1		1		N	
(A=M/#00921)											
8	1	172187-61330	COVER	1		1		1			
8-1	1	172187-61331	COVER	1		1		1		N	
(A=M/#01540) (C=M/#01540) (E=M/#01540)											
8-2	1	172187-61332	COVER	1		1		1		N	
(A=M/#01571) (C=M/#01571) (E=M/#01571)											
9	1	172187-61350	COVER	1		1		1			
10	1	172187-61360	COVER, HARNESS	1		1		1			
11	1	172519-63240	BOLT	6		6		6			
12	1	22217-080000	WASHER, SPRING 8	1		1		1			
13	1	22217-080000	WASHER, SPRING 8	2		2		2			
14	1	22217-100000	WASHER, SPRING 10	2		2		2			
15	1	22217-100000	WASHER, SPRING 10	3		3		3			
16	1	22217-100000	WASHER, SPRING 10	4		4		4			
17	1	22217-100000	WASHER, SPRING 10	3		3		3			
18	1	22217-100000	WASHER, SPRING 10	3		3		3			
19	1	22217-100000	WASHER, SPRING 10	2		2		2			
20	1	22217-100000	WASHER, SPRING 10	3				3			
21	1	26106-100162	BOLT, M10X 16 PLATED	2		2		2			
22	1	26106-100162	BOLT, M10X 16 PLATED	2		2		2			
23	1	26116-080162	BOLT, M8X 16 PLATED	1		1		1			
24	1	26116-080162	BOLT, M8X 16 PLATED	2		2		2			
25	1	26116-100202	BOLT, M10X 20 PLATED	2		2		2			
26	1	26116-100202	BOLT, M10X 20 PLATED	3		3		3			
27	1	26116-100202	BOLT, M10X 20 PLATED	4		4		4			
28	1	26116-100202	BOLT, M10X 20 PLATED	3		3		3			
29	1	26116-100202	BOLT, M10X 20 PLATED	3		3		3			
30	1	26116-100202	BOLT, M10X 20 PLATED	2		2		2			
31	1	26116-100202	BOLT, M10X 20 PLATED	3				3			
32	1	172187-61101	COVER ASSY, LAMP	1		1		1			
33	1	172187-61120	COVER	1		1		1			
34	1	172187-61130	COVER, PUMP	1		1		1			
35	1	172187-63300	COVER			2					
35-1	1	172187-63301	COVER			2					R
(C=M/#01661)											
36	1	172162-68370	BOLT, M8X12			6					
37	1	172162-62540	SEAL, STEP			2					
38	1	172187-61370	COVER	1		1		1		3	
38-1	1	172187-61371	COVER	1		1		1		S	4
(A=M/#01540) (C=M/#01540) (E=M/#01540)											
38-2	1	172187-61372	COVER	1		1		1		N	5
(A=M/#01571) (C=M/#01571) (E=M/#01571)											
39	1	172187-61470	GROMMET	1		1		1			2

Remarks
(1)MULTI CHANGE SPEC.
(2)COOLER SPEC.
(3)COOLER KIT A,B,C
(4)COOLER KIT D
L=REF.NO.38 60MM,NO.38-1 45MM
(5)COOLER KIT D
(6)CRANE SPEC.

Fig.50. FRAME COVER(TURNING:CABIN)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



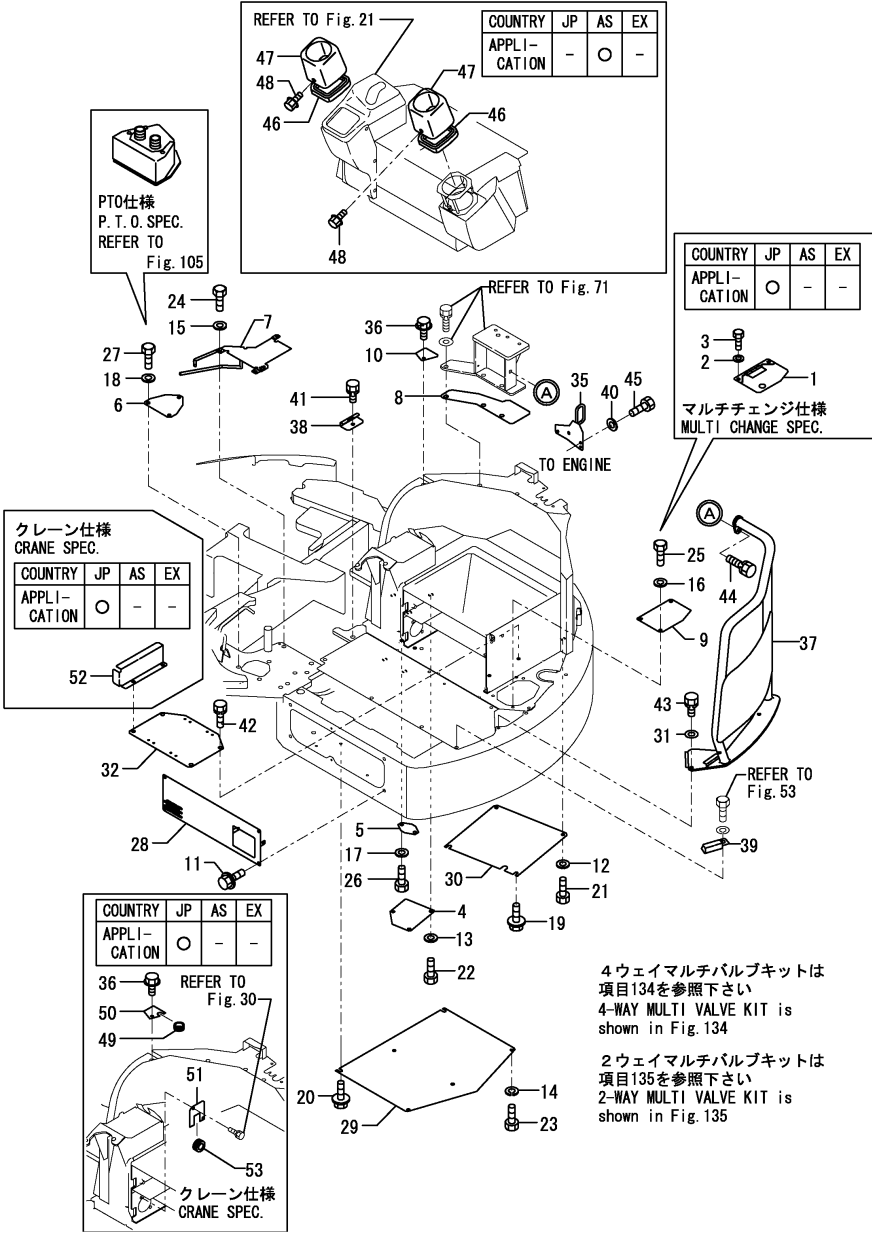
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	1	22217-080000	WASHER, SPRING 8	2		2		2			2
41	1	26116-080162	BOLT, M8X 16 PLATED	2		2		2			2
42	1	172187-61900	COVER, CRANE	1							6
43	1	172165-62800	GROMMET	1							6

- Remarks
- (1)MULTI CHANGE SPEC.
 - (2)COOLER SPEC.
 - (3)COOLER KIT A,B,C
 - (4)COOLER KIT D
 - L=REF.NO.38 60MM,NO.38-1 45MM
 - (5)COOLER KIT D
 - (6)CRANE SPEC.

Fig.51. FRAME COVER(TURNING:CANOPY)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

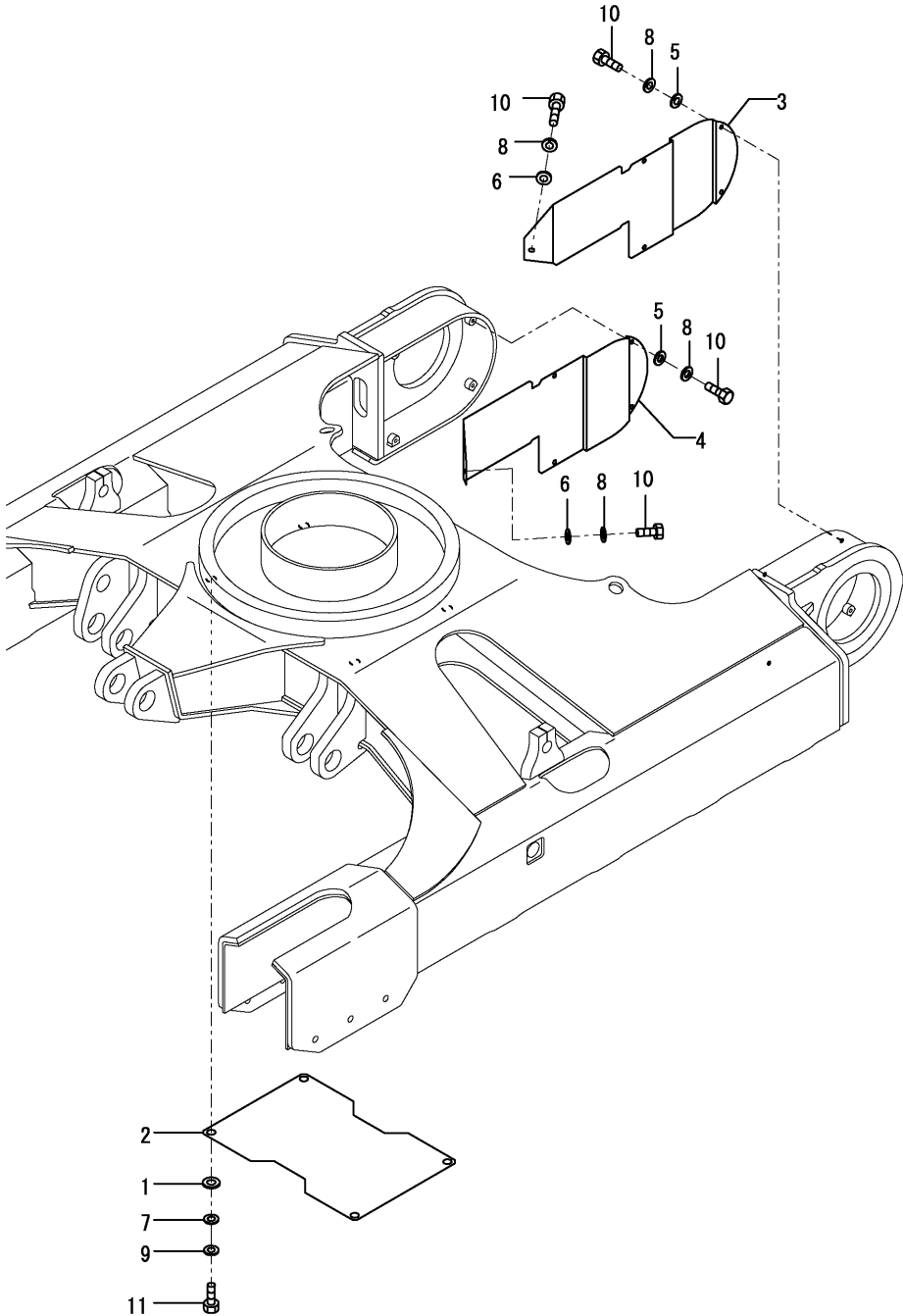


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172187-61380	COVER ASSY, MULTI		1						1
2	2	22217-100000	WASHER, SPRING 10		2						1
3	2	26116-100202	BOLT, M10X 20 PLATED		2						1
4	1	172187-61140	COVER, DRAIN		1		1		1		
5	1	172187-61150	COVER, DRAIN		1		1		1		
6	1	172187-61160	COVER, TURNING		1						
7	1	172187-61080	COVER ASSY		1		1		1		
8	1	172187-61560	COVER		1		1		1		
8-1	1	172187-61561	COVER		1		1		1		N
(B=M/#01571)				(D=M/#01571)				(F=M/#01571)			
9	1	172187-61350	COVER		1		1		1		
10	1	172187-61570	COVER, HARNESS		1		1		1		
11	1	172519-63240	BOLT		6		6		6		
12	1	22217-100000	WASHER, SPRING 10		2		2		2		
13	1	22217-100000	WASHER, SPRING 10		3		3		3		
14	1	22217-100000	WASHER, SPRING 10		4		4		4		
15	1	22217-100000	WASHER, SPRING 10		3		3		3		
16	1	22217-100000	WASHER, SPRING 10		3		3		3		
17	1	22217-100000	WASHER, SPRING 10		2		2		2		
18	1	22217-100000	WASHER, SPRING 10		3						
19	1	26106-100162	BOLT, M10X 16 PLATED		2		2		2		
20	1	26106-100162	BOLT, M10X 16 PLATED		2		2		2		
21	1	26116-100202	BOLT, M10X 20 PLATED		2		2		2		
22	1	26116-100202	BOLT, M10X 20 PLATED		3		3		3		
23	1	26116-100202	BOLT, M10X 20 PLATED		4		4		4		
24	1	26116-100202	BOLT, M10X 20 PLATED		3		3		3		
25	1	26116-100202	BOLT, M10X 20 PLATED		3		3		3		
26	1	26116-100202	BOLT, M10X 20 PLATED		2		2		2		
27	1	26116-100202	BOLT, M10X 20 PLATED		3						
28	1	172187-61101	COVER ASSY, LAMP		1		1		1		
29	1	172187-61120	COVER		1		1		1		
30	1	172187-61130	COVER, PUMP		1		1		1		
31	1	194145-04810	WASHER		3		3		3		
32	1	172187-17590	PLATE, HEATER BASE EV		1		1		1		
35	1	172187-17691	GUIDE, HOSE		1		1		1		
36	1	172519-63240	BOLT		1		1		1		
37	1	172187-67450	COVER ASSY		1		1		1		
38	1	172187-67510	BRACKET		1		1		1		
39	1	172187-67610	BRACKET		1		1		1		
40	1	22217-080000	WASHER, SPRING 8		2		2		2		
41	1	26013-100162	BOLT, M10X 16		1		1		1		
42	1	26013-100202	BOLT, M10X 20		4		4		4		
43	1	26013-100302	BOLT, M10X 30		3		3		3		
44	1	26013-120352	BOLT, M12X 35		1		1		1		
45	1	26116-080162	BOLT, M8X 16 PLATED		2		2		2		
46	1	172162-62540	SEAL, STEP				2				
47	1	172187-63300	COVER				2				
47-1	1	172187-63301	COVER				2				R
(D=M/#01625)											
48	1	172162-68370	BOLT, M8X12				6				
49	1	172187-16560	GROMMET		1						2

Remarks
(1)MULTI CHANGE SPEC.
(2)CRANE SPEC.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

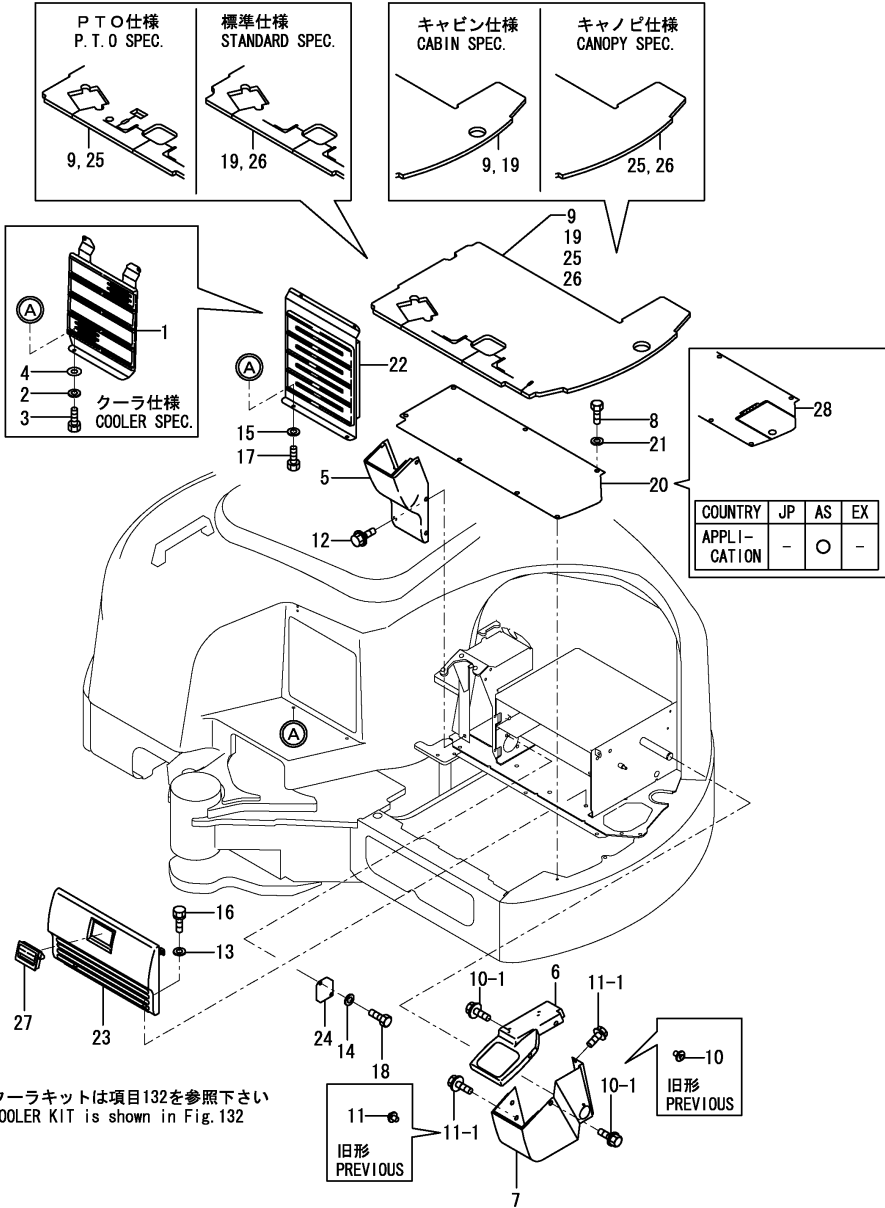


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-61500	TRIM	4	4	4	4	4	4		
2	1	172187-61500	COVER	1	1	1	1	1	1		
3	1	172187-61510	COVER, TRAVEL	1	1	1	1	1	1		
4	1	172187-61520	COVER, TRAVEL	1	1	1	1	1	1		
5	1	22137-100000	WASHER, 10	8	8	8	8	8	8		
6	1	22157-100000	WASHER, 10	2	2	2	2	2	2		
7	1	22157-120000	WASHER, 12	4	4	4	4	4	4		
8	1	22217-100000	WASHER, SPRING 10	10	10	10	10	10	10		
9	1	22217-120000	WASHER, SPRING 12	4	4	4	4	4	4		
10	1	26116-100202	BOLT, M10X 20 PLATED	10	10	10	10	10	10		
11	1	26116-120302	BOLT, M12X 30 PLATED	4	4	4	4	4	4		

Fig.53. STEP & INSTRUMENT PANEL

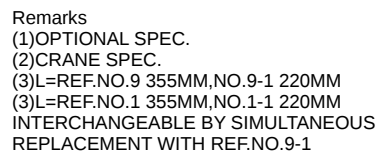
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61430	COVER, BONNET	1		1		1			1
2	1	22137-080000	WASHER, 8	3		3		3			M
2-1	1	22217-080000	WASHER, SPRING 8	3		3		3			
3	1	26116-080162	BOLT, M8X 16 PLATED	3		3		3			1
4	1	22137-080000	WASHER, 8	3		3		3		W	1
(A=M/#01041) (C=M/#01041) (E=M/#01041)											
5	1	172187-63130	COVER, PANEL	1							
5-1	1	172187-63120	COVER, PANEL	1	1	1	1	1	1		N
(A=M/#00748)											
6	1	172187-63140	INSTRUMENT PANEL L	1	1	1	1	1	1		
7	1	172187-63150	COVER, PANEL	1	1	1	1	1	1		
8	1	26116-100202	BOLT, M10X 20 PLATED	7	7	7	7	7	7		
9	1	172187-62140	MAT	1		1		1			2
10	1	172187-63160	CLIP	4							
10-1	1	172519-63240	BOLT	4	4	4	4	4	4		S
(A=M00578)											
11	1	172187-63160	CLIP	5							
11-1	1	172519-63240	BOLT	5	5	5	5	5	5		S
(A=M00578)											
12	1	172519-63240	BOLT	6	6	6	6	6	6		
13	1	22137-100000	WASHER, 10	2	2	2	2	2	2		
14	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2		
15	1	22217-080000	WASHER, SPRING 8	4	4	4	4	4	4		
16	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
17	1	26116-080162	BOLT, M8X 16 PLATED	4	4	4	4	4	4		
18	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2	2	2	2		
19	1	172187-62120	MAT	1		1		1			
20	1	172187-62130	STEP	1	1				1	1	
21	1	22217-100000	WASHER, SPRING 10	7	7	7	7	7	7		
22	1	172187-61220	COVER, BONNET	1	1	1	1	1	1		
22-1	1	172187-61430	COVER, BONNET				1	1			N
(C=M/#05199) (D=M/#05199)											
23	1	172187-61230	GRILLE	1	1	1	1	1	1		
24	1	172187-61340	COVER	1	1	1	1	1	1		
25	1	172187-62160	MAT		1		1		1		2
26	1	172187-62150	MAT		1		1		1		
27	1	172187-61420	HANDLE, LOCK	1	1	1	1	1	1		
27-1	1	172187-61421	HANDLE, LOCK	1		1		1			N
(A=M/#01661) (C=M/#01661) (E=M/#01661)											
28	1	172989-62100	STEP			1	1				

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

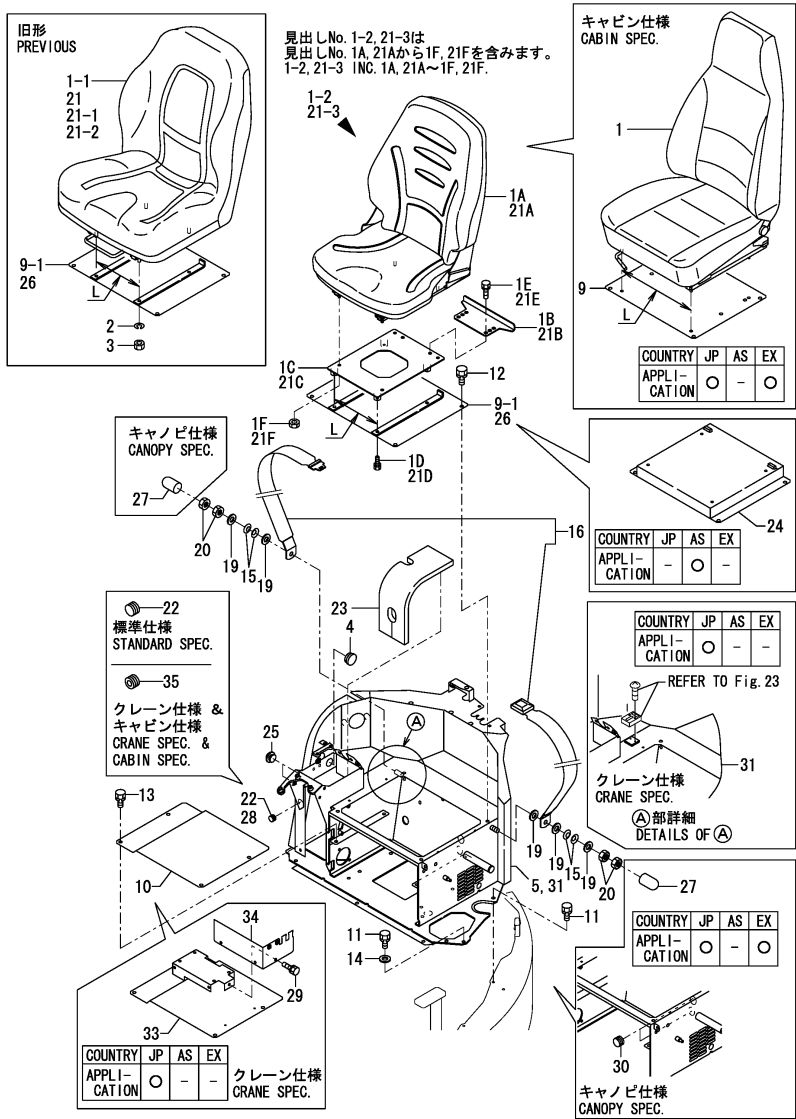


N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.54. SEAT & SEAT MOUNT

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

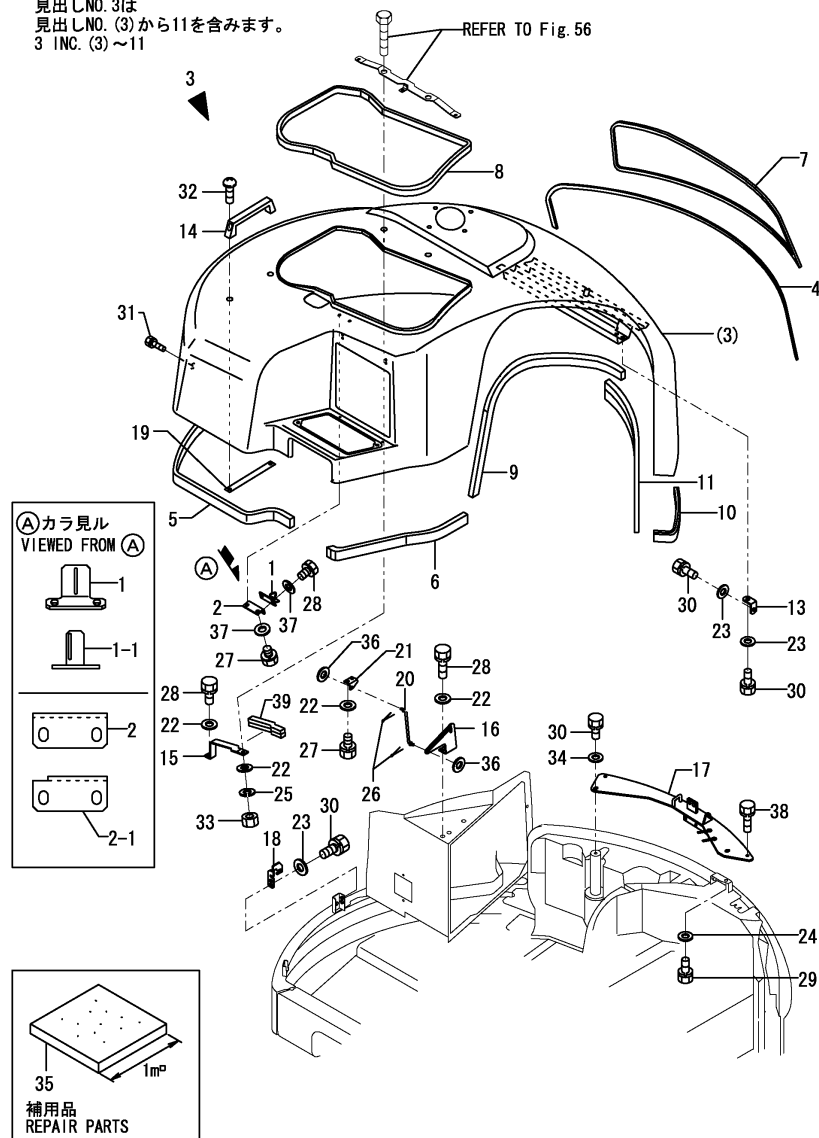


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
(B=M/#05605)				(F=M/#05605)							
21-3	1	172457-08600	SEAT KIT		1				1	N	
(B=*2007.01)				(F=*2007.01)							
21A	2	172A46-64200	SEAT, OPERATOR		1				1	W	
(B=*2007.01)				(F=*2007.01)							
21B	2	172A46-64490	STOPPER		1				1	W	
(B=*2007.01)				(F=*2007.01)							
21C	2	172A46-64500	PLATE ASSY,SEAT		1				1	W	
(B=*2007.01)				(F=*2007.01)							
21D	2	26013-080202	BOLT, M8X 20		4				4	W	
(B=*2007.01)				(F=*2007.01)							
21E	2	26013-100202	BOLT, M10X 20		2				2	W	
(B=*2007.01)				(F=*2007.01)							
21F	2	26051-080002	NUT, M8		4				4	W	
(B=*2007.01)				(F=*2007.01)							
22	1	172151-62240	GROMMET	1	1	1	1	1	1	W	
(A=M/#00882)											
23	1	172187-64790	SEAL	1	1	1	1	1	1	W	
(A=M/#00921)											
24	1	172187-64850	PLATE, SEAT(EP			1	1				
25	1	172187-64900	PLUG	2		2	2	2			
26	1	172187-64750	BRACKET		1				1		
27	1	172187-64800	CAP		2				2		
28	1	172131-78350	GROMMET, 13.5	1							
29	1	26013-080162	BOLT, M8X 16	3	3						2
30	1	172151-62240	GROMMET		2				2		
31	1	172187-64050	MOUNT CMP	1	1						2
33	1	172187-64870	PLATE,CTR CMP	1	1						2
34	1	172187-64950	BRACKET,RELAY CMP	1	1						2

Remarks
(1)OPTIONAL SPEC.
(2)CRANE SPEC.
(3)L=REF.NO.9 355MM,NO.9-1 220MM
(3)L=REF.NO.1 355MM,NO.1-1 220MM
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.9-1

Fig.55. BONNET(1 : BODY)

見出しNO. 3は
見出しNO. (3) から11を含みます。
3 INC. (3) ~11

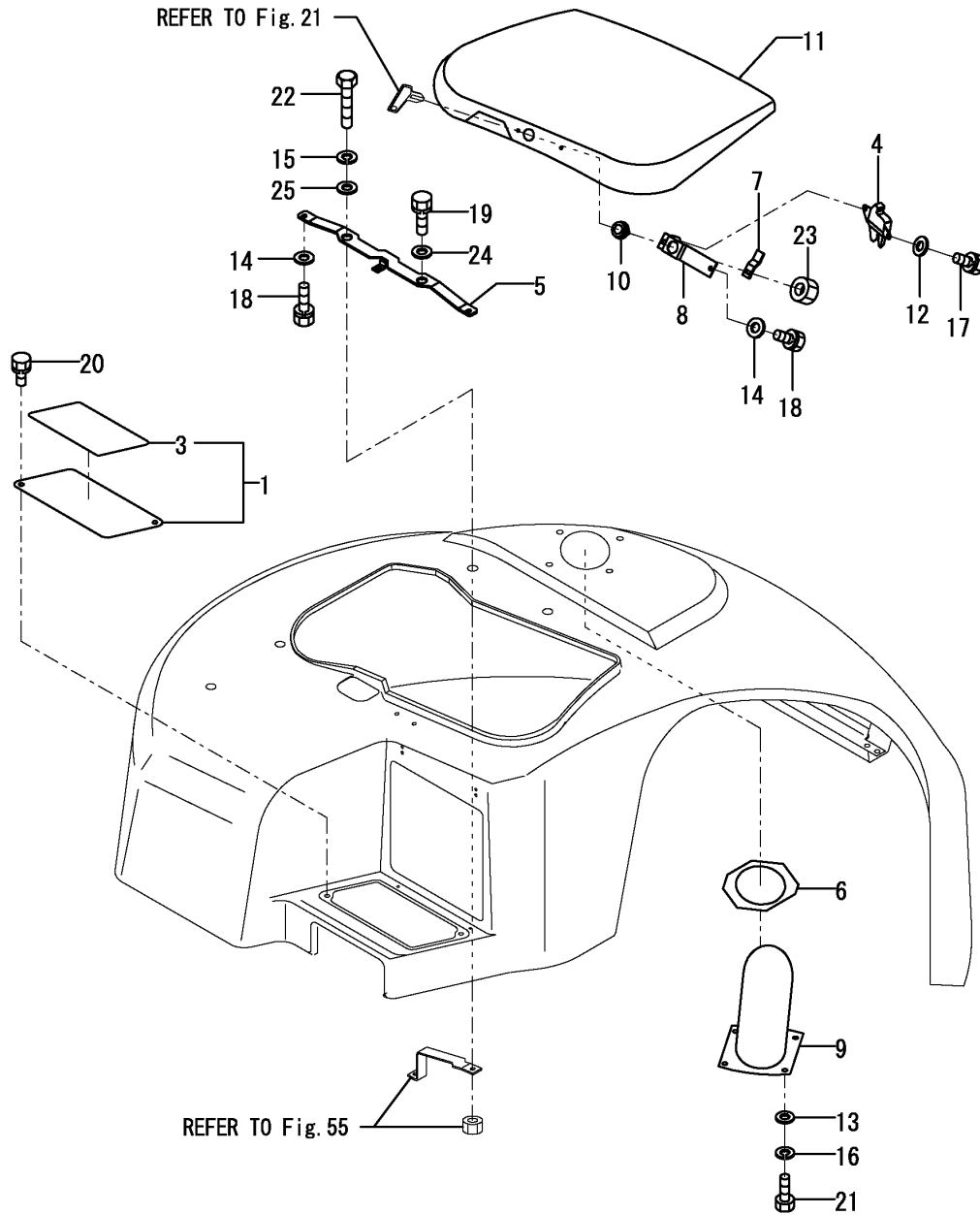


Remarks
(1)REPAIR PART
(2)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.1-1 2-1

[illegible]

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

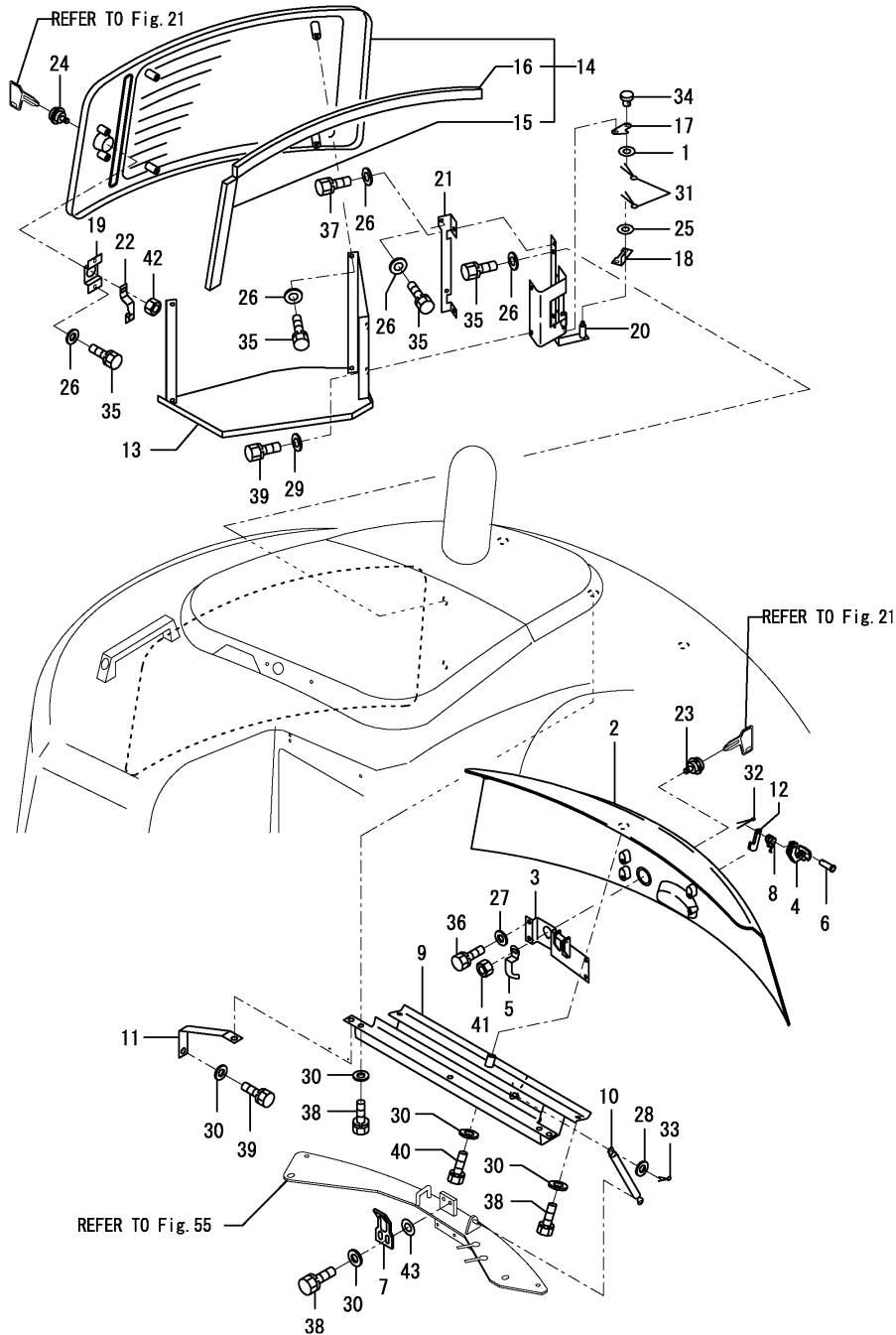
Fig.56. BONNET(2 : UPPER COVER)



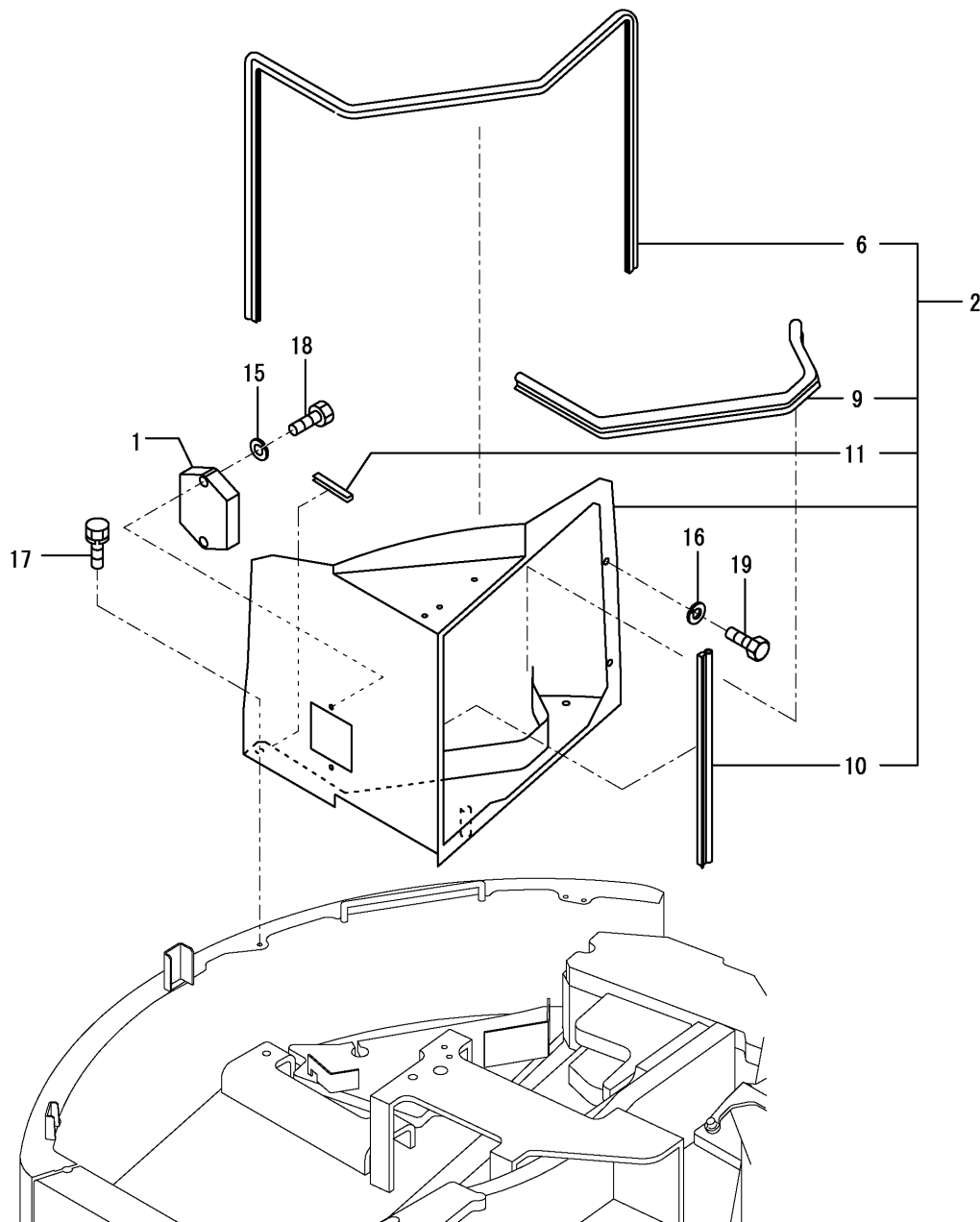
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-65170	COVER, BONNET	1	1	1	1	1	1		
3	2	172187-66220	SHEET, NON SLIP	1	1	1	1	1	1		
4	1	172187-65200	CATCH ASSY, COVER	1	1	1	1	1	1		
5	1	172187-65290	BRACKET ASSY	1	1	1	1	1	1		
6	1	172164-65460	SEAL, DUCT	1	1	1	1	1	1		
7	1	172187-65460	PLATE, LOCK	1	1	1	1	1	1		
8	1	172187-65470	BRACKET A ASSY, LOCK	1	1	1	1	1	1		
9	1	172164-65610	COVER ASSY	1	1	1	1	1	1		
10	1	172164-66170	KEY ASSY, CYLINDER	1	1	1	1	1	1		
11	1	172187-65130	COVER ASSY	1	1	1	1	1	1		
12	1	22137-060000	WASHER, 6	2	2	2	2	2	2		
13	1	22137-080000	WASHER, 8	4	4	4	4	4	4		
14	1	22137-080000	WASHER, 8	7	7	7	7	7	7		
14-1	1	22137-080000	WASHER, 8	5	5	5	5	5	5		K
		(A=M/#00501)	(B=M/#00501)	(C=M/#00501)	(D=M/#00501)	(E=M/#00501)	(F=M/#00501)				
15	1	22217-080000	WASHER, SPRING 8	1	1	1	1	1	1		
16	1	22217-080000	WASHER, SPRING 8	4	4	4	4	4	4		
17	1	26013-060122	BOLT, M6X 12	2	2	2	2	2	2		
18	1	26013-080162	BOLT, M8X 16	5	5	5	5	5	5		
19	1	26013-080202	BOLT, M8X 20	1	1	1	1	1	1		
20	1	26013-100402	BOLT, M10X 40	2	2	2	2	2	2		
21	1	26116-080162	BOLT, M8X 16 PLATED	4	4	4	4	4	4		
22	1	26116-080604	BOLT, M8X 60 PLATED	1	1	1	1	1	1		
23	1	26347-100002	NUT, M10	1	1	1	1	1	1		
24	1	22137-080000	WASHER, 8	2	2	2	2	2	2		



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172157-45840	WASHER 8X18X4	1	1	1	1	1	1		
2	1	172187-65120	BONNET ASSY	1	1	1	1	1	1		
3	1	172187-65180	BRACKET A	1	1	1	1	1	1		
4	1	172187-65210	LEVER ASSY, LOCK	1	1	1	1	1	1		
5	1	172187-65240	PLATE, LOCK	1	1	1	1	1	1		
6	1	172734-65260	PIN, BONNET LEVER	1	1	1	1	1	1		
7	1	172187-65270	PLATE, CATCH	1	1	1	1	1	1		
8	1	172734-65270	SPRING, CATCH	1	1	1	1	1	1		
9	1	172187-65350	BRACKET ASSY	1	1	1	1	1	1		
10	1	172187-65400	SPRING, GAS	1	1	1	1	1	1		
11	1	172187-65420	BRACKET R	1	1	1	1	1	1		
12	1	172124-65480	CATCHER	1	1	1	1	1	1		
13	1	172187-65750	DUCT ASSY	1	1	1	1	1	1		
14	1	172187-65810	COVER ASSY	1	1	1	1	1	1		
15	2	172187-66340	SEAL, COVER	1	1	1	1	1	1		
16	2	172187-66350	SEAL, COVER	1	1	1	1	1	1		
17	1	172187-65820	PLATE A, LOCK	1	1	1	1	1	1		
18	1	172187-65830	PLATE B, LOCK	1	1	1	1	1	1		
19	1	172187-65860	CHANNEL	1	1	1	1	1	1		
20	1	172187-65870	BRACKET ASSY	1	1	1	1	1	1		
21	1	172187-66460	STAY ASSY, DUCT	1	1	1	1	1	1		
22	1	172187-65960	LOCK PLATE ASSY	1	1	1	1	1	1		
23	1	172164-66170	KEY ASSY, CYLINDER	1	1	1	1	1	1		
24	1	172164-66170	KEY ASSY, CYLINDER	1	1	1	1	1	1		
25	1	22117-080000	WASHER, 8	2	2	2	2	2	2		
26	1	22137-080000	WASHER, 8	12	12	12	12	12	12		
27	1	22137-080000	WASHER, 8	4	4	4	4	4	4		
28	1	22137-080000	WASHER, 8	2	2	2	2	2	2		
29	1	22137-100000	WASHER, 10	4	4	4	4	4	4		
30	1	22137-100000	WASHER, 10	10	10	10	10	10	10		
31	1	22417-200200	PIN, COTTER 2.0X20	3	3	3	3	3	3		
32	1	22417-200200	PIN, COTTER 2.0X20	1	1	1	1	1	1		
33	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2	2	2		
34	1	22487-080120	PIN, H 8X 12	1	1	1	1	1	1		
35	1	26013-080162	BOLT, M8X 16	10	10	10	10	10	10		
36	1	26013-080162	BOLT, M8X 16	4	4	4	4	4	4		
37	1	26013-080202	BOLT, M8X 20	2	2	2	2	2	2		
38	1	26013-100202	BOLT, M10X 20	7	7	7	7	7	7		
39	1	26013-100252	BOLT, M10X 25	4	4	4	4	4	4		
40	1	26013-100452	BOLT, M10X 45	1	1	1	1	1	1		
41	1	26347-100002	NUT, M10	1	1	1	1	1	1		
42	1	26347-100002	NUT, M10	1	1	1	1	1	1		
43	1	172187-66450	SHIM, CATCH PLATE	2	2	2	2	2	2		



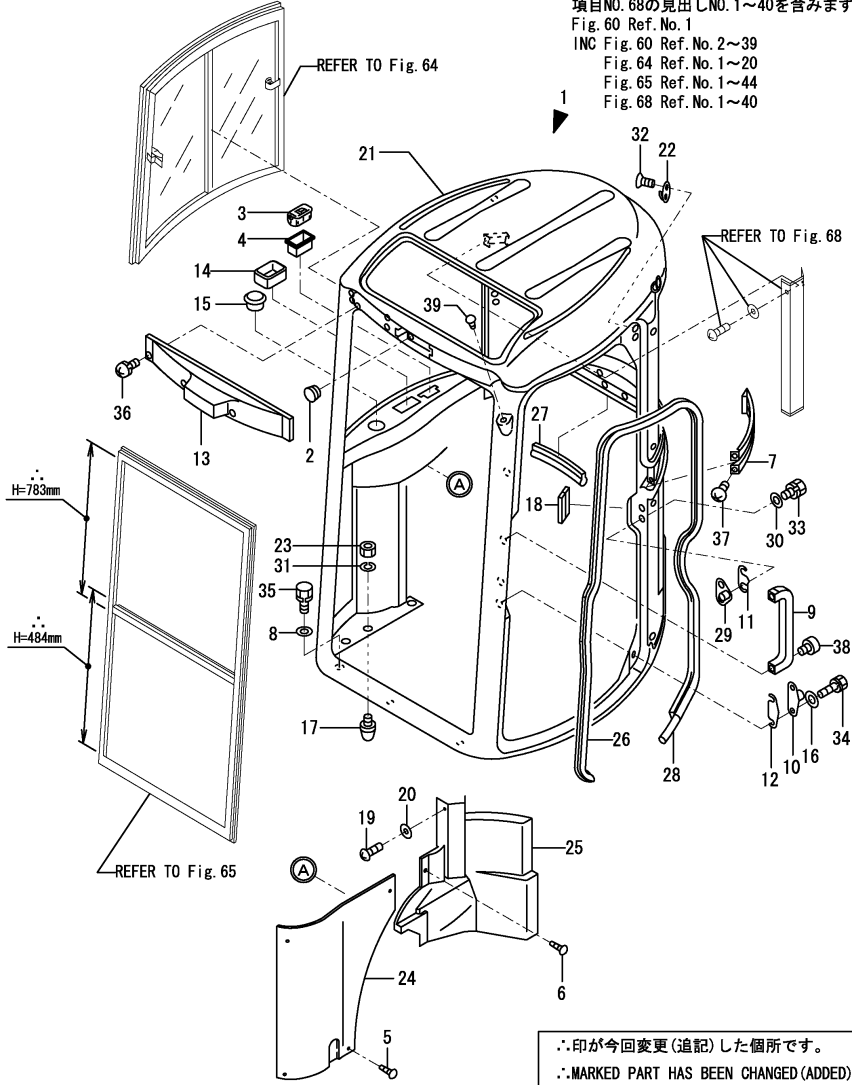
No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172187-65280	COVER	1	1	1	1	1	1	
2	1	172187-65740	DUCT ASSY	1	1	1	1	1	1	
6	2	172187-65680	RUBBER 1780	1	1	1	1	1	1	
9	2	172171-65780	RUBBER, SEAL	1	1	1	1	1	1	
10	2	172165-66230	RUBBER, SEAL	1	1	1	1	1	1	
11	2	172165-62630	RUBBER 90,EDGE	1	1	1	1	1	1	W
		(A=M/#01597)	(B=M/#01597)	(C=M/#01597)	(D=M/#01597)	(E=M/#01597)	(F=M/#01597)			
15	1	22217-080000	WASHER, SPRING 8	2	2	2	2	2	2	
16	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1	
17	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2	
18	1	26116-080162	BOLT, M8X 16 PLATED	2	2	2	2	2	2	
19	1	26116-101002	BOLT, M10X100 PLATED	1	1	1	1	1	1	

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∴ TO M/#01077

∴新形、旧形はフロントガラス
の高さにて判別下さい。
OLD TYPE & NEW TYPE
CAN BE DISTINGUISHEP
BY FRONT GLASS
HEIGHT.

キャビン ASSY (旧形)
CABIN ASSY (PREVIOUS)
772187-68470 (AS)
項目NO. 60の見出しNO. 1は、
項目NO. 60の見出しNO. 2～39と
項目NO. 64の見出しNO. 1～20と
項目NO. 65の見出しNO. 1～44と
項目NO. 68の見出しNO. 1～40を含みます。
Fig. 60 Ref. No. 1
INC Fig. 60 Ref. No. 2～39
Fig. 64 Ref. No. 1～20
Fig. 65 Ref. No. 1～44
Fig. 68 Ref. No. 1～40



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

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

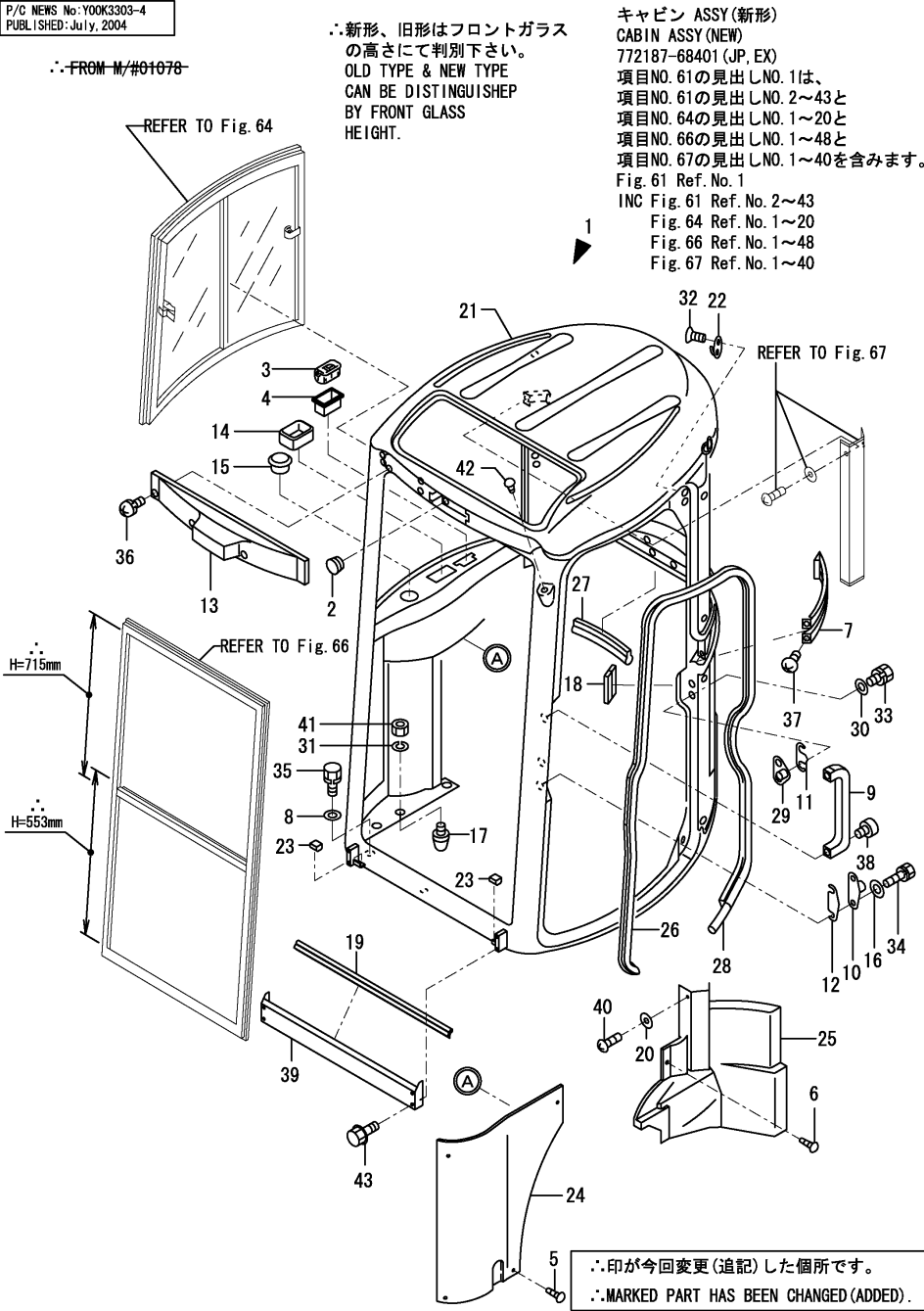
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-68470	CABIN ASSY			1					
2	2	172111-16890	GROMMET, 9			1					1
2-1	2	172176-67780	GROMMET, GS12A			1				S	2
(C=M/#00744)											
3	2	172176-17150	ASHTRAY			1					
4	2	172176-17160	BEZEL			1					
5	2	1A6260-64200	CLIP			4					
6	2	1A6260-64200	CLIP			3					
7	2	172176-67040-1	COVER, LINK			1					
8	2	194145-04810	WASHER			9					
9	2	172176-67181	GRIP			1					
10	2	172176-67341	LINK A			1					
11	2	172176-67740	SHIM, TEETH T=0.8			5					
12	2	172176-67741	SHIM, TEETH T=1.2			5					
13	2	172176-67760	PANEL, FRONT			1					
14	2	172176-67870	TRAY			1					
15	2	172176-67880	HOLDER			1					
16	2	172176-68030	WASHER			2					
17	2	172137-68120	PIN			2					
18	2	172176-68160	GROMMET, 100X42			1					
19	2	26589-060162	SCREW, M6			2					
20	2	172176-68200	WASHER, 18X6.3X2.3			2					
21	2	172187-68410	CABIN ASSY			1					
21-1	2	172187-68411	CABIN ASSY			1				N	
(C=*1997.01)											
22	2	172162-69071	HANGER, COAT			1					
23	2	26716-100002	NUT, M10			2					
24	2	172187-69180	COVER			1					
25	2	172187-69190	COVER			1					
26	2	172176-69320	SEAL, DOOR			1					
27	2	172187-69540	SEAL, CABIN			1					
28	2	172176-69780	SEAL			1					
29	2	172176-69890	LINK B			1					
30	2	22157-080000	WASHER, 8			2					
31	2	22217-100000	WASHER, SPRING 10			2					
32	2	22867-300080	SCREW, 3X 8			2					
33	2	26013-080162	BOLT, M8X 16			2					
34	2	26013-080252	BOLT, M8X 25			2					
35	2	26013-100302	BOLT, M10X 30			9					
36	2	26022-050162	SCREW, M5X16			4					
37	2	26022-060162	SCREW, M6X16			4					
38	2	26450-080202	BOLT, M8X 20			2					
39	2	172122-17190	CLIP, TREE			1				W	
(C=*1997.01)											

Remarks
(1)USED TO *1996.12.
(2)USED FROM *1997.01.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

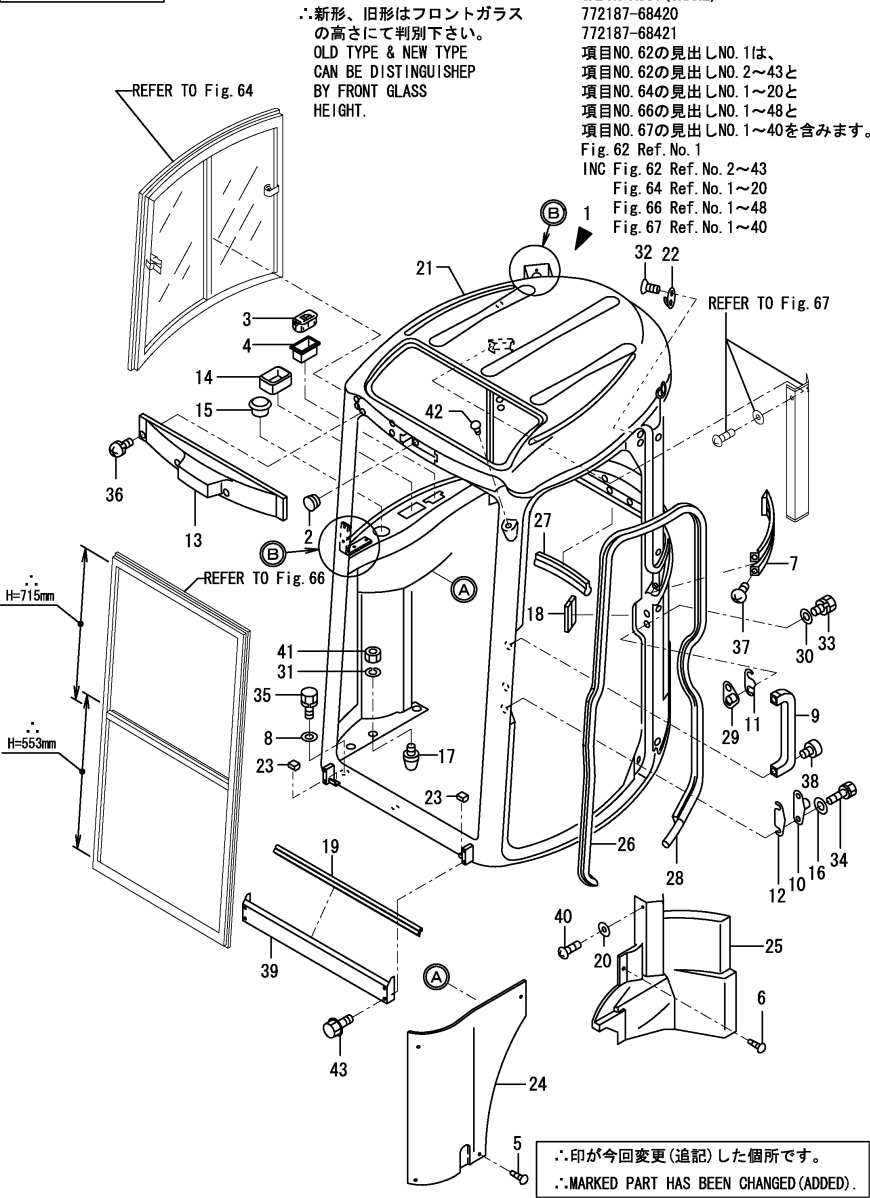
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PUBLISHED: July, 2004



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-68401	CABIN ASSY	1				1			
2	2	172176-67780	GROMMET, GS12A	1				1			
3	2	172176-17150	ASHTRAY	1				1			
4	2	172176-17160	BEZEL	1				1			
5	2	1A6260-64200	CLIP	5				5			
6	2	1A6260-64200	CLIP	3				3			
7	2	172176-67040-1	COVER, LINK	1				1			
8	2	194145-04810	WASHER	9				9			
9	2	172176-67181	GRIP	1				1			
10	2	172176-67341	LINK A	1				1			
11	2	172176-67740	SHIM, TEETH T=0.8	5				5			
12	2	172176-67741	SHIM, TEETH T=1.2	5				5			
13	2	172176-67760	PANEL, FRONT	1				1			
14	2	172176-67870	TRAY	1				1			
15	2	172176-67880	HOLDER	1				1			
16	2	172176-68030	WASHER	2				2			
17	2	172137-68120	PIN	2				2			
18	2	172176-68160	GROMMET, 100X42	1				1			
19	2	172187-68050	SEAL, COVER	1				1			
20	2	172176-68200	WASHER, 18X6.3X2.3	2				2			
21	2	172187-68413	CABIN ASSY	1				1			
22	2	172162-69071	HANGER, COAT	1				1			
23	2	172187-68060	RUBBER, STOPPER	2				2			
24	2	172187-69200	COVER ASSY	1				1			
25	2	172187-69190	COVER	1							
25-1	2	172187-69210	COVER ASSY	1				1		N	
(A=M/#00748)											
26	2	172176-69320	SEAL, DOOR	1				1			
27	2	172187-69540	SEAL, CABIN	1				1			
28	2	172176-69780	SEAL	1				1			
29	2	172176-69890	LINK B	1				1			
30	2	22157-080000	WASHER, 8	2				2			
31	2	22217-100000	WASHER, SPRING 10	2				2			
32	2	22867-300080	SCREW, 3X 8	2				2			
33	2	26013-080162	BOLT, M8X 16	2				2			
34	2	26013-080252	BOLT, M8X 25	2				2			
35	2	26013-100302	BOLT, M10X 30	9				9			
36	2	26022-050162	SCREW, M5X16	4				4			M
36-1	2	26559-050162	SCREW, M5X16	4				4			
37	2	26022-060162	SCREW, M6X16	4				4			
38	2	26450-080202	BOLT, M8X 20	2				2			
39	2	172187-68070-1	COVER, SASH	1				1			
40	2	26589-060162	SCREW, M6	2				2			
41	2	26716-100002	NUT, M10	2				2			
42	2	172122-17190	CLIP, TREE	1				1			
43	2	172519-63240	BOLT	4				4			

Fig.62. CABIN;1(BODY)(CRANE)

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Remarks
* B PART IS DIFFERENT WITH STANDARD
SPEC.

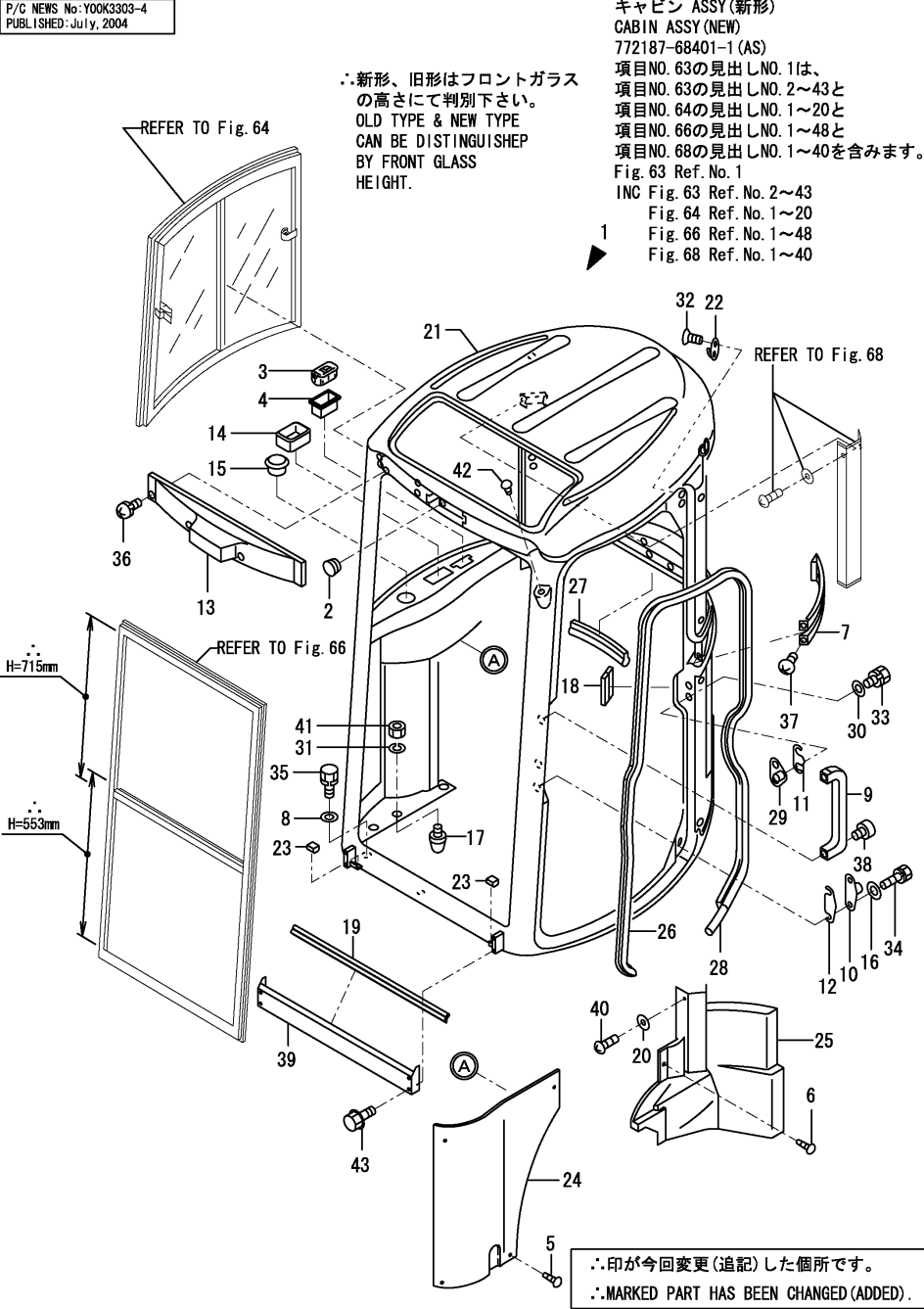
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-68420	CABIN ASSY, CRANE	1							
1-1	1	772187-68421	CABIN ASSY, CRANE	1							N
(A=*1999.09)											
2	2	172176-67780	GROMMET, GS12A	1							
3	2	172176-17150	ASHTRAY	1							
4	2	172176-17160	BEZEL	1							
5	2	1A6260-64200	CLIP	5							
6	2	1A6260-64200	CLIP	3							
7	2	172176-67040-1	COVER, LINK	1							
8	2	194145-04810	WASHER	9							
9	2	172176-67181	GRIP	1							
10	2	172176-67341	LINK A	1							
11	2	172176-67740	SHIM, TEETH T=0.8	5							
12	2	172176-67741	SHIM, TEETH T=1.2	5							
13	2	172176-67760	PANEL, FRONT	1							
14	2	172176-67870	TRAY	1							
15	2	172176-67880	HOLDER	1							
16	2	172176-68030	WASHER	2							
17	2	172137-68120	PIN	2							
18	2	172176-68160	GROMMET, 100X42	1							
19	2	172187-68050	SEAL, COVER	1							
20	2	172176-68200	WASHER, 18X6.3X2.3	2							
21	1	172187-68010	CABIN ASSY, CRANE	1							
21-1	1	172187-68011	CABIN ASSY, CRANE	1							N
(A=*1999.09)											
22	2	172162-69071	HANGER, COAT	1							
23	2	172187-68060	RUBBER, STOPPER	2							
24	2	172187-69200	COVER ASSY	1							
25	2	172187-69210	COVER ASSY	1							
26	2	172176-69320	SEAL, DOOR	1							
27	2	172187-69540	SEAL, CABIN	1							
28	2	172176-69780	SEAL	1							
29	2	172176-69890	LINK B	1							
30	2	22157-080000	WASHER, 8	2							
31	2	22217-100000	WASHER, SPRING 10	2							
32	2	22867-300080	SCREW, 3X 8	2							
33	2	26013-080162	BOLT, M8X 16	2							
34	2	26013-080252	BOLT, M8X 25	2							
35	2	26013-100302	BOLT, M10X 30	9							
36	2	26022-050162	SCREW, M5X16	4							M
36-1	2	26559-050162	SCREW, M5X16	4							
37	2	26022-060162	SCREW, M6X16	4							
38	2	26450-080202	BOLT, M8X 20	2							
39	2	172187-68070-1	COVER, SASH	1							
40	2	26589-060162	SCREW, M6	2							
41	2	26716-100002	NUT, M10	2							
42	2	172122-17190	CLIP, TREE	1							
43	2	172519-63240	BOLT	4							

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

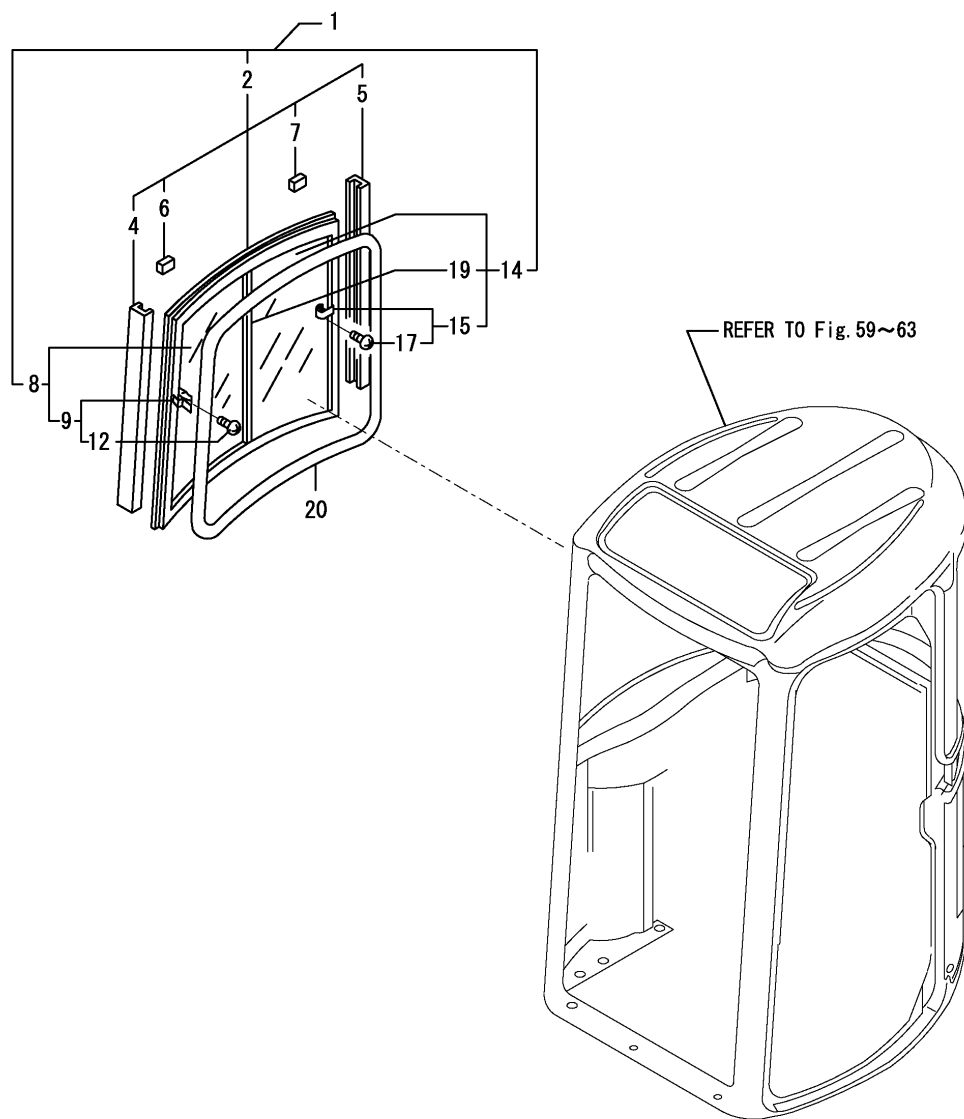
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-68471-1	CABIN ASSY			1					
2	2	172176-67780	GROMMET, GS12A			1					
3	2	172176-17150	ASHTRAY			1					
4	2	172176-17160	BEZEL			1					
5	2	1A6260-64200	CLIP			5					
6	2	1A6260-64200	CLIP			3					
7	2	172176-67040-1	COVER, LINK			1					
8	2	194145-04810	WASHER			9					
9	2	172176-67181	GRIP			1					
10	2	172176-67341	LINK A			1					
11	2	172176-67740	SHIM, TEETH T=0.8			5					
12	2	172176-67741	SHIM, TEETH T=1.2			5					
13	2	172176-67760	PANEL, FRONT			1					
14	2	172176-67870	TRAY			1					
15	2	172176-67880	HOLDER			1					
16	2	172176-68030	WASHER			2					
17	2	172137-68120	PIN			2					
18	2	172176-68160	GROMMET, 100X42			1					
19	2	172187-68050	SEAL, COVER			1					
20	2	172176-68200	WASHER, 18X6.3X2.3			2					
21	2	172187-68413	CABIN ASSY			1					
22	2	172162-69071	HANGER, COAT			1					
23	2	172187-68060	RUBBER, STOPPER			2					
24	2	172187-69200	COVER ASSY			1					
25	2	172187-69210	COVER ASSY			1					
26	2	172176-69320	SEAL, DOOR			1					
27	2	172187-69540	SEAL, CABIN			1					
28	2	172176-69780	SEAL			1					
29	2	172176-69890	LINK B			1					
30	2	22157-080000	WASHER, 8			2					
31	2	22217-100000	WASHER, SPRING 10			2					
32	2	22867-300080	SCREW, 3X 8			2					
33	2	26013-080162	BOLT, M8X 16			2					
34	2	26013-080252	BOLT, M8X 25			2					
35	2	26013-100302	BOLT, M10X 30			9					
36	2	26022-050162	SCREW, M5X16			4					M
36-1	2	26559-050162	SCREW, M5X16			4					
37	2	26022-060162	SCREW, M6X16			4					
38	2	26450-080202	BOLT, M8X 20			2					
39	2	172187-68070-1	COVER, SASH			1					
40	2	26589-060162	SCREW, M6			2					
41	2	26716-100002	NUT, M10			2					
42	2	172122-17190	CLIP, TREE			1					
43	2	172519-63240	BOLT			4					

キャビン ASSYは項目59~63を参照下さい
CABIN ASSY is shown in Fig. 59~63



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172176-67050	SASH	1		1		1			
2	3	172176-66620	FRAME ASSY	1		1		1			
4	4	172176-66760	SEAL, GLASS	1		1		1			
5	4	172176-66770	SEAL, GLASS	1		1		1			
6	4	172176-66780	STOPPER, RUBBER	1		1		1			
7	4	172176-66820	RUBBER, STOPPER	1		1		1			
8	3	172176-66800	GLASS	1		1		1			
9	4	172176-66600	LOCK	1		1		1			
12	4	172176-66750	SCREW	2		2		2			1
14	3	172176-66810	GLASS	1		1		1			
15	4	172176-66610	LOCK	1		1		1			
17	4	172176-66750	SCREW	2		2		2			2
19	4	172176-66790	CHANNEL ASSY	1		1		1			
20	2	172176-67210	RUBBER	1		1		1			

(1)REFER NO. 9 INCLUDE REFER NO.12.
(2)REFER NO.15 INCLUDE REFER NO.17.

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.65. CABIN(FRONT SASH)(PREVIOUS)

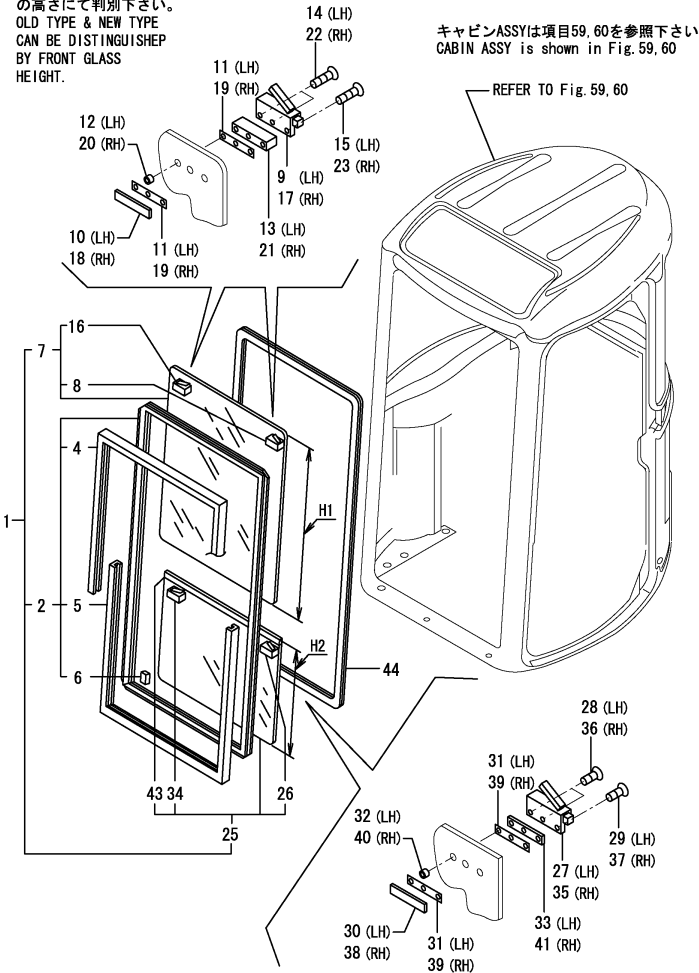
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

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∴T0-M/401077

∴新形、旧形はフロントガラス
の高さにて判別下さい。
OLD TYPE & NEW TYPE
CAN BE DISTINGUISHP
BY FRONT GLASS
HEIGHT.



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172176-67060	SASH	1		1		1			
2	3	172176-66590	FRAME ASSY	1		1		1			
4	4	172176-66890	GLASS RUN	1		1		1			
5	4	172176-66990	GLASS RUN	1		1		1			
6	4	172176-66900	STOPPER, RUBBER	2		2		2			
7	3	172176-66970	GLASS	1		1		1			5
8	4	172176-66550	LOCK ASSY (LH)	1		1		1			
9	4	172176-66870	LOCK ASSY (LH)	1		1		1			1
10	4	172187-67950	RETAINER, L.H.	1		1		1			1
11	4	172187-67970	PACKING	2		2		2			1
12	4	172187-67980	PIPE, RUBBER	3		3		3			1
13	4	172176-66920	LOCK	2		2		2			1
14	4	172176-66950	SCREW	2		2		2			1
15	4	172176-66960	SCREW	1		1		1			1
16	4	172176-66560	LOCK	1		1		1			
17	4	172176-66880	LOCK ASSY (RH)	1		1		1			2
18	4	172187-67960	RETAINER, R.H.	1		1		1			2
19	4	172187-67970	PACKING	2		2		2			2
20	4	172187-67980	PIPE, RUBBER	3		3		3			2
21	4	172176-66920	LOCK	1		1		1			2
22	4	172176-66950	SCREW	2		2		2			2
23	4	172176-66960	SCREW	1		1		1			2
25	3	172176-66980	GLASS	1		1		1			6
26	4	172176-66570	LOCK ASSY (LOW:LH)	1		1		1			
27	4	172176-66870	LOCK ASSY (LH)	1		1		1			3
28	4	172176-66930	SCREW	2		2		2			3
29	4	172176-66940	SCREW	1		1		1			3
30	4	172187-67950	RETAINER, L.H.	1		1		1			3
31	4	172187-67970	PACKING	2		2		2			3
32	4	172187-67980	PIPE, RUBBER	3		3		3			3
33	4	172187-67990	SPACER	1		1		1			
34	4	172176-66580	LOCK ASSY (LOW:RH)	1		1		1			
35	4	172176-66880	LOCK ASSY (RH)	1		1		1			4
36	4	172176-66930	SCREW	2		2		2			4
37	4	172176-66940	SCREW	1		1		1			4
38	4	172187-67960	RETAINER, R.H.	1		1		1			4
39	4	172187-67970	PACKING	2		2		2			4
40	4	172187-67980	PIPE, RUBBER	3		3		3			4
41	4	172187-67990	SPACER	1		1		1			
43	4	172176-66910	CHANNEL ASSY	1		1		1			
44	2	172176-67200	RUBBER	1		1		1			

Remarks
(1)REFER NO.8 INCLUDE
(2)REFER NO.16 INCLUDE
(3)REFER NO.26 INCLUDE
(4)REFER NO.34 INCLUDE
(5)H1=783MM
(6)H2=484MM

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

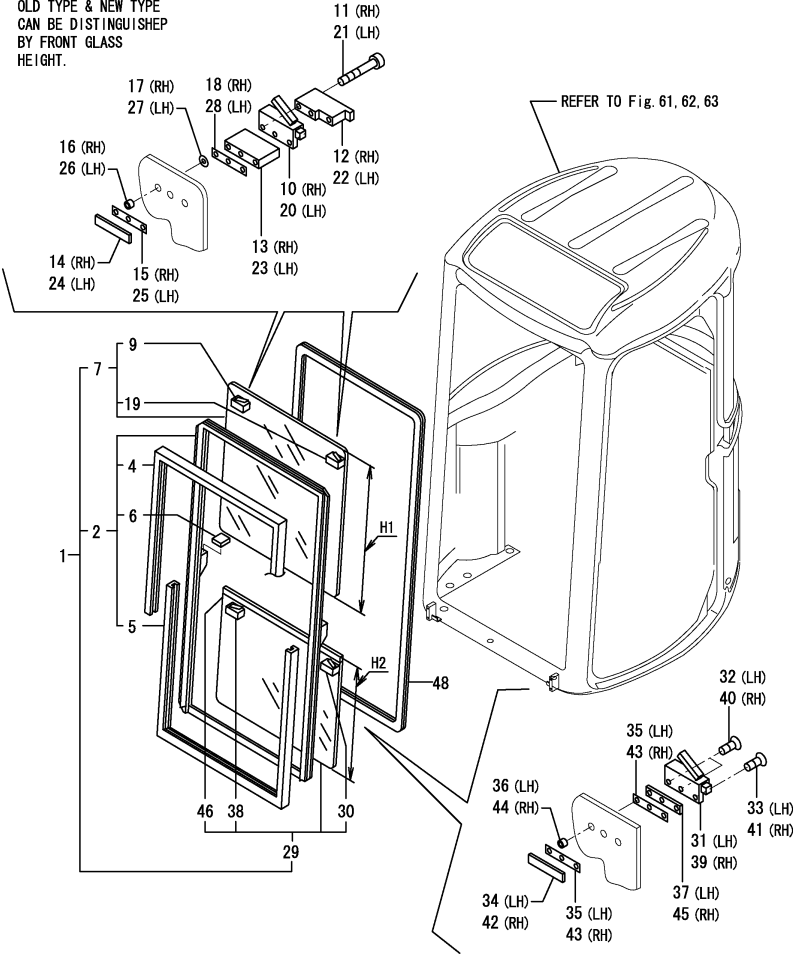
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

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∴FROM-M/#01078-

∴新形、旧形はフロントガラス
の高さにて判別下さい。
OLD TYPE & NEW TYPE
CAN BE DISTINGUISHEP
BY FRONT GLASS
HEIGHT.

キャビンASSYは項目61, 62, 63を参照下さい
CABIN ASSY is shown in Fig. 61, 62, 63



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172187-67800	SASH	1		1		1			
2	3	172187-67920	FRAME ASSY	1		1		1			
4	4	172187-67860	GLASS RUN	1		1		1			
5	4	172187-67870	GLASS RUN	1		1		1			
6	4	172187-67880	STOPPER, RUBBER	2		2		2			
7	3	172187-67930	GLASS	1		1		1			5
9	4	172187-67840	LOCK ASSY (UP:RH	1		1		1			
10	4	172176-66880	LOCK ASSY (RH)	1		1		1			1
11	4	172187-67890	SCREW	3		3		3			1
12	4	172187-67900	STOPPER	1		1		1			1
13	4	172187-67910	LOCK, BASE	1		1		1			1
14	4	172187-67960	RETAINER, R.H.	1		1		1			1
15	4	172187-67970	PACKING	1		1		1			1
16	4	172187-67980	PIPE, RUBBER	3		3		3			1
17	4	172187-68030	WASHER	3		3		3			1
18	4	172187-68040	GASKET, INNER	1		1		1			1
19	4	172187-67850	LOCK ASSY (UP:LH	1		1		1			
20	4	172176-66870	LOCK ASSY (LH)	1		1		1			2
21	4	172187-67890	SCREW	3		3		3			2
22	4	172187-67900	STOPPER	1		1		1			2
23	4	172187-67910	LOCK, BASE	1		1		1			2
24	4	172187-67950	RETAINER, L.H.	1		1		1			2
25	4	172187-67970	PACKING	1		1		1			2
26	4	172187-67980	PIPE, RUBBER	3		3		3			2
27	4	172187-68030	WASHER	3		3		3			2
28	4	172187-68040	GASKET, INNER	1		1		1			2
29	3	172187-67940	GLASS	1		1		1			6
30	4	172176-66570	LOCK ASSY (LOW:LH	1		1		1			3
31	4	172176-66870	LOCK ASSY (LH)	1		1		1			3
32	4	172176-66930	SCREW	2		2		2			3
33	4	172176-66940	SCREW	1		1		1			3
34	4	172187-67950	RETAINER, L.H.	1		1		1			3
35	4	172187-67970	PACKING	2		2		2			3
36	4	172187-67980	PIPE, RUBBER	3		3		3			3
37	4	172187-67990	SPACER	1		1		1			
38	4	172176-66580	LOCK ASSY (LOW:RH	1		1		1			
39	4	172176-66880	LOCK ASSY (RH)	1		1		1			4
40	4	172176-66930	SCREW	2		2		2			4
41	4	172176-66940	SCREW	1		1		1			4
42	4	172187-67960	RETAINER, R.H.	1		1		1			4
43	4	172187-67970	PACKING	2		2		2			4
44	4	172187-67980	PIPE, RUBBER	3		3		3			4
45	4	172187-67990	SPACER	1		1		1			4
46	4	172176-66910	CHANNEL ASSY	1		1		1			
48	2	172176-67200	RUBBER	1		1		1			

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

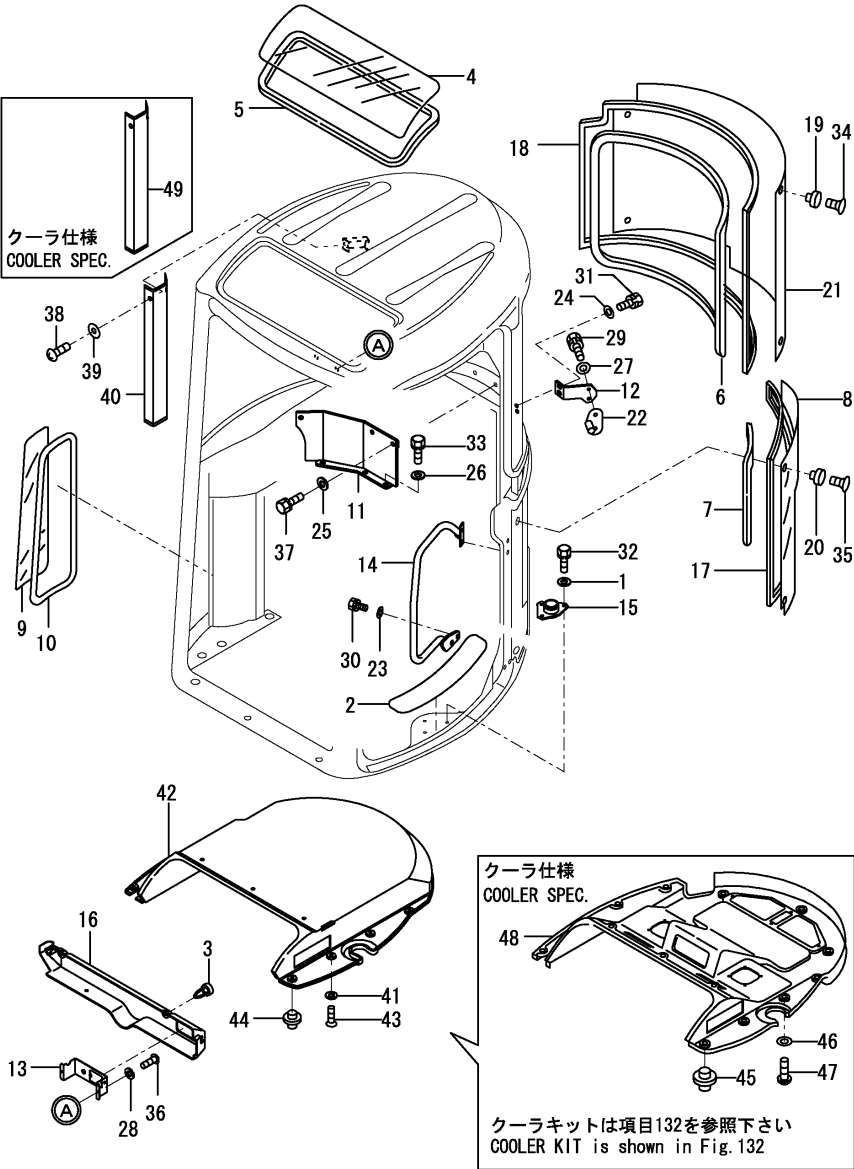
Remarks
(1)REFER NO.9 INCLUDE
(2)REFER NO.19 INCLUDE
(3)REFER NO.30 INCLUDE
(4)REFER NO.38 INCLUDE
(5)H1=715MM
(6)H2=553MM

Fig.67. CABIN(FITTING PART)(JP,EX)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

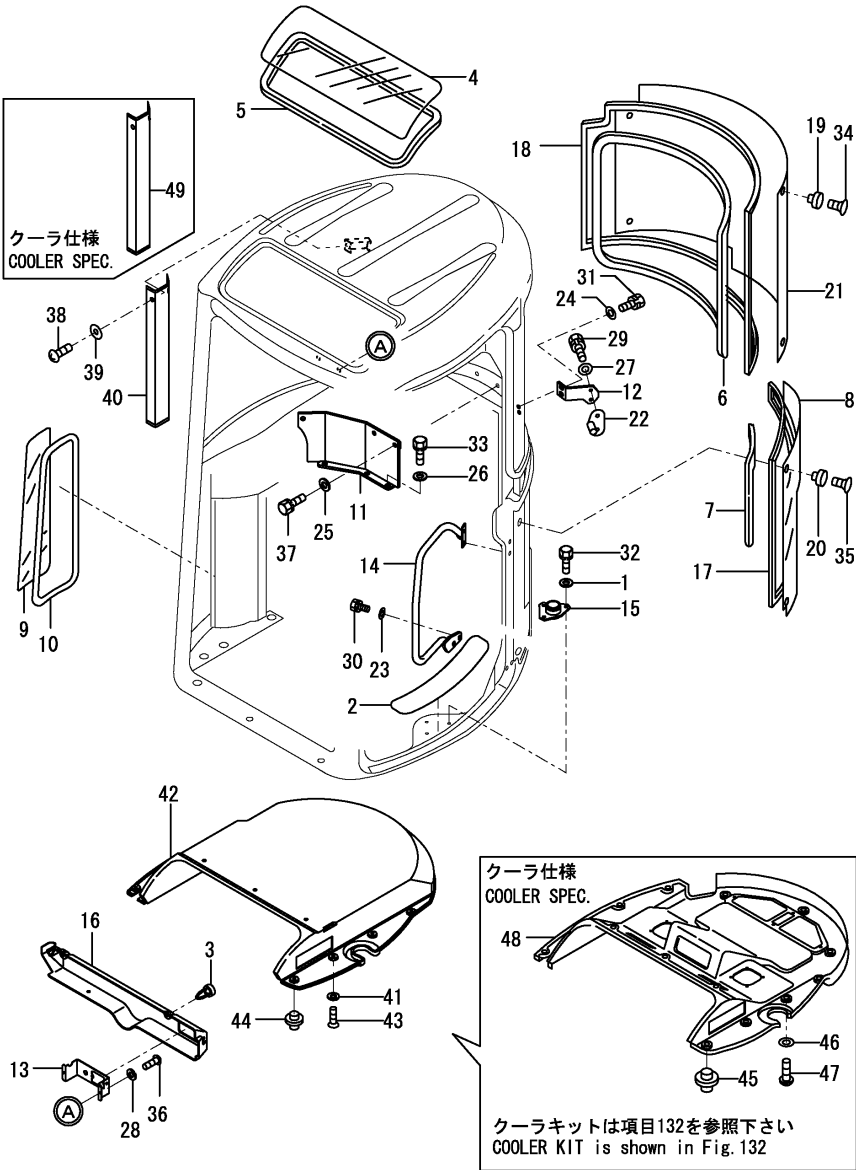
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

キャビンASSYは項目59, 61, 62を参照下さい
CABIN ASSY is shown in Fig. 59, 61, 62



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	194145-04810	WASHER	3				3			
2	2	172164-62490	SEAT, STEP	1				1			
3	2	1A6260-64200	CLIP	4				4			
4	2	172176-67070	ACRYL, ROOF	1				1			
5	2	172176-67110	TRIM, ROOF	1				1			
6	2	172176-67141	TRIM	1				1			
7	2	172176-67691	TRIM	1				1			
8	2	172176-67710	GLASS	1				1			
9	2	172176-67720	GLASS	1				1			
10	2	172176-67730	RUBBER	1				1			
11	2	172187-68200	BRACKET ASSY	1							
11-1	2	172187-68201	BRACKET ASSY	1				1		N	
(A=M/#00819)											
12	2	172187-68540	STOPPER, DOOR	1				1			
13	2	172187-68810	PLATE	1				1			
14	2	172187-68871	GRIP ASSY	1				1			
15	2	172187-68980	BRACKET A	1				1			
16	2	172187-69160	PANEL, FRONT IN	1				1			
17	2	172176-69750	SEAL, DAM	1				1			
18	2	172176-69770	SEAL, DAM	1				1			
19	2	172176-69820	COLLAR, GLASS	4				4			
20	2	172176-69820	COLLAR, GLASS	4				4			
21	2	172176-69830	GLASS	1				1			
22	2	172176-69860	LINK A	1				1			
23	2	22137-100000	WASHER, 10	4				4			
24	2	22137-100000	WASHER, 10	2				2			
25	2	22137-100000	WASHER, 10	4				4			
26	2	22137-120000	WASHER, 12	3				3			
27	2	22157-080000	WASHER, 8	2				2			
28	2	22217-060000	WASHER, SPRING 6	2				2			
29	2	26013-080202	BOLT, M8X 20	2				2			
30	2	26013-100252	BOLT, M10X 25	4				4			
31	2	26013-100252	BOLT, M10X 25	2				2			
32	2	26013-100302	BOLT, M10X 30	3				3			
33	2	26013-120352	BOLT, M12X 35	3				3			
34	2	26579-060202	SCREW, M6X20	4				4			
35	2	26579-060202	SCREW, M6X20	4				4			
36	2	26589-060162	SCREW, M6	2				2			
37	2	26013-100352	BOLT, M10X 35	4				4			
38	2	26589-060162	SCREW, M6	2				2			
39	2	172176-68200	WASHER, 18X6.3X2.3	2				2			
40	2	172187-69170	COVER, HARNESS	1				1			
41	1	172176-68200	WASHER, 18X6.3X2.3	9				9			
42	1	172187-69150	PANEL, ROOF	1				1			
43	1	26589-060162	SCREW, M6	9				9			
44	1	172176-67810	RIVET	4				4			
45	1	172176-67810	RIVET	4				4			1
46	1	172176-68200	WASHER, 18X6.3X2.3	10				10			1
47	1	26589-060162	SCREW, M6	10				10			1
48	1	172187-69210	COVER ASSY	1							M
48-1	1	172187-69070	PANEL,ROOF (CL	1				1			1

キャビンASSYは項目59, 61, 62を参照下さい
CABIN ASSY is shown in Fig. 59, 61, 62



(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
49	1	172187-69220	COVER, HARNESS	1				1			1

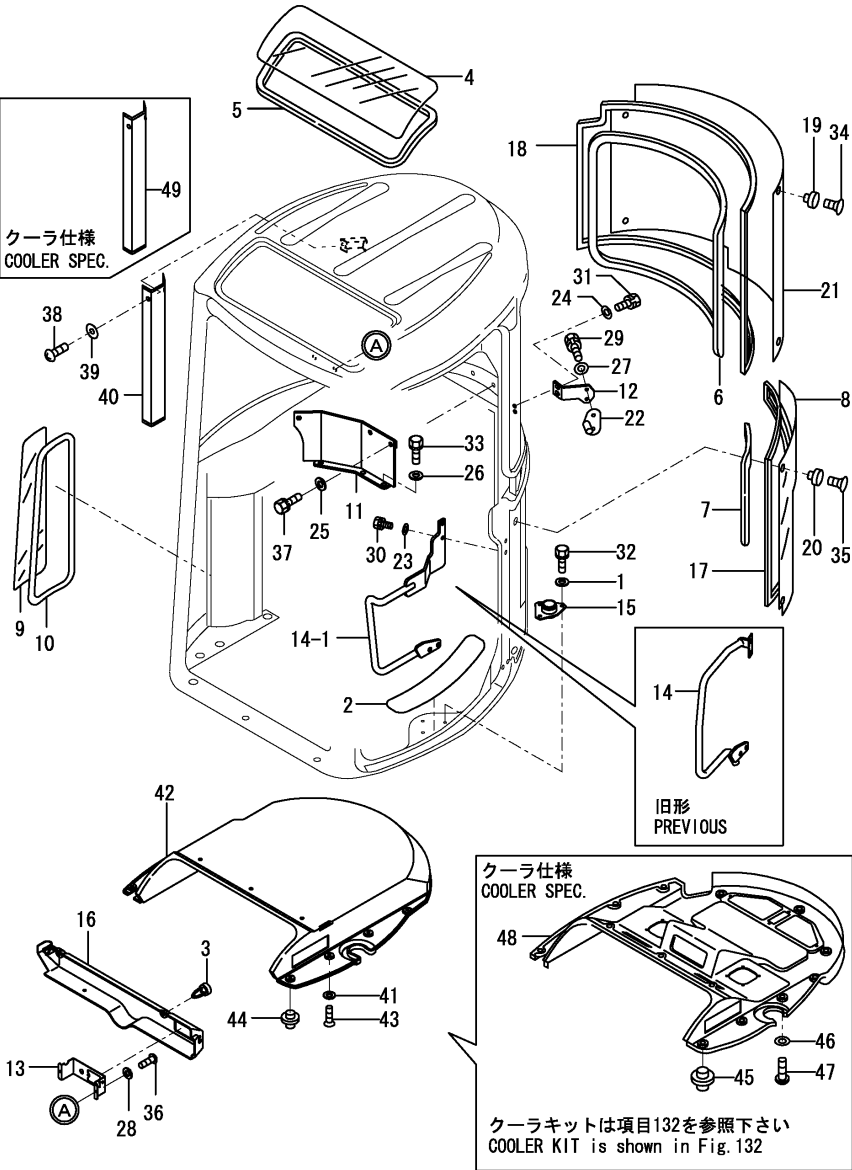
Remarks
1)COOLER SPEC.

Fig.68. CABIN(FITTING PART)(AS)

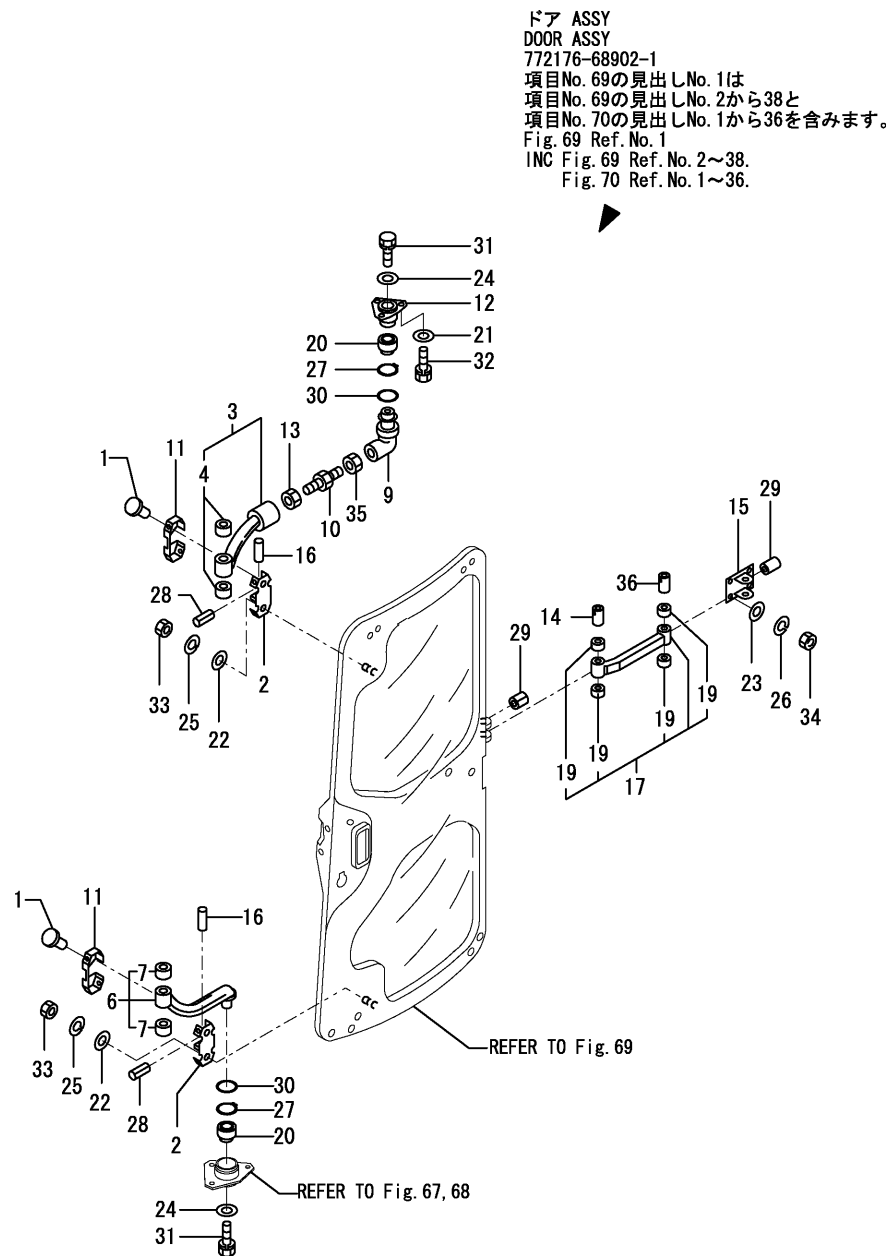
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

キャビンASSYは項目60, 63を参照下さい
CABIN ASSY is shown in Fig. 60, 63



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	194145-04810	WASHER			3					
2	2	172164-62490	SEAT, STEP			1					
3	2	1A6260-64200	CLIP			4					
4	2	172176-67070	ACRYL, ROOF			1					
5	2	172176-67110	TRIM, ROOF			1					
6	2	172176-67141	TRIM			1					
7	2	172176-67691	TRIM			1					
8	2	172176-67710	GLASS			1					
9	2	172176-67720	GLASS			1					
10	2	172176-67730	RUBBER			1					
11	2	172187-68201	BRACKET ASSY			1					
12	2	172187-68540	STOPPER, DOOR			1					
13	2	172187-68810	PLATE			1					
14	2	172187-68300	GRIP ASSY			1					
14-1	2	172187-68301	GRIP ASSY			1					N
(C=M/#01157)											
15	2	172187-68980	BRACKET A			1					
16	2	172187-69160	PANEL, FRONT IN			1					
17	2	172176-69750	SEAL, DAM			1					
18	2	172176-69770	SEAL, DAM			1					
19	2	172176-69820	COLLAR, GLASS			4					
20	2	172176-69820	COLLAR, GLASS			4					
21	2	172176-69830	GLASS			1					
22	2	172176-69860	LINK A			1					
23	2	22137-100000	WASHER, 10			4					
24	2	22137-100000	WASHER, 10			2					
25	2	22137-100000	WASHER, 10			4					
26	2	22137-120000	WASHER, 12			3					
27	2	22157-080000	WASHER, 8			2					
28	2	22217-060000	WASHER, SPRING 6			2					
29	2	26013-080202	BOLT, M8X 20			2					
30	2	26013-100252	BOLT, M10X 25			4					
31	2	26013-100252	BOLT, M10X 25			2					
32	2	26013-100302	BOLT, M10X 30			3					
33	2	26013-120352	BOLT, M12X 35			3					
34	2	26579-060202	SCREW, M6X20			4					
35	2	26579-060202	SCREW, M6X20			4					
36	2	26589-060162	SCREW, M6			2					
37	2	26013-100352	BOLT, M10X 35			4					
38	2	26589-060162	SCREW, M6			2					
39	2	172176-68200	WASHER, 18X6.3X2.3			2					
40	2	172187-69170	COVER, HARNESS			1					
41	1	172176-68200	WASHER, 18X6.3X2.3			9					
42	1	172187-69150	PANEL, ROOF			1					
43	1	26589-060162	SCREW, M6			9					
44	1	172176-67810	RIVET			4					
45	1	172176-67810	RIVET			4					1
46	1	172176-68200	WASHER, 18X6.3X2.3			10					1
47	1	26589-060162	SCREW, M6			10					1
48	1	172187-69070	PANEL,ROOF (CL			1					1
49	1	172187-69220	COVER, HARNESS			1					1

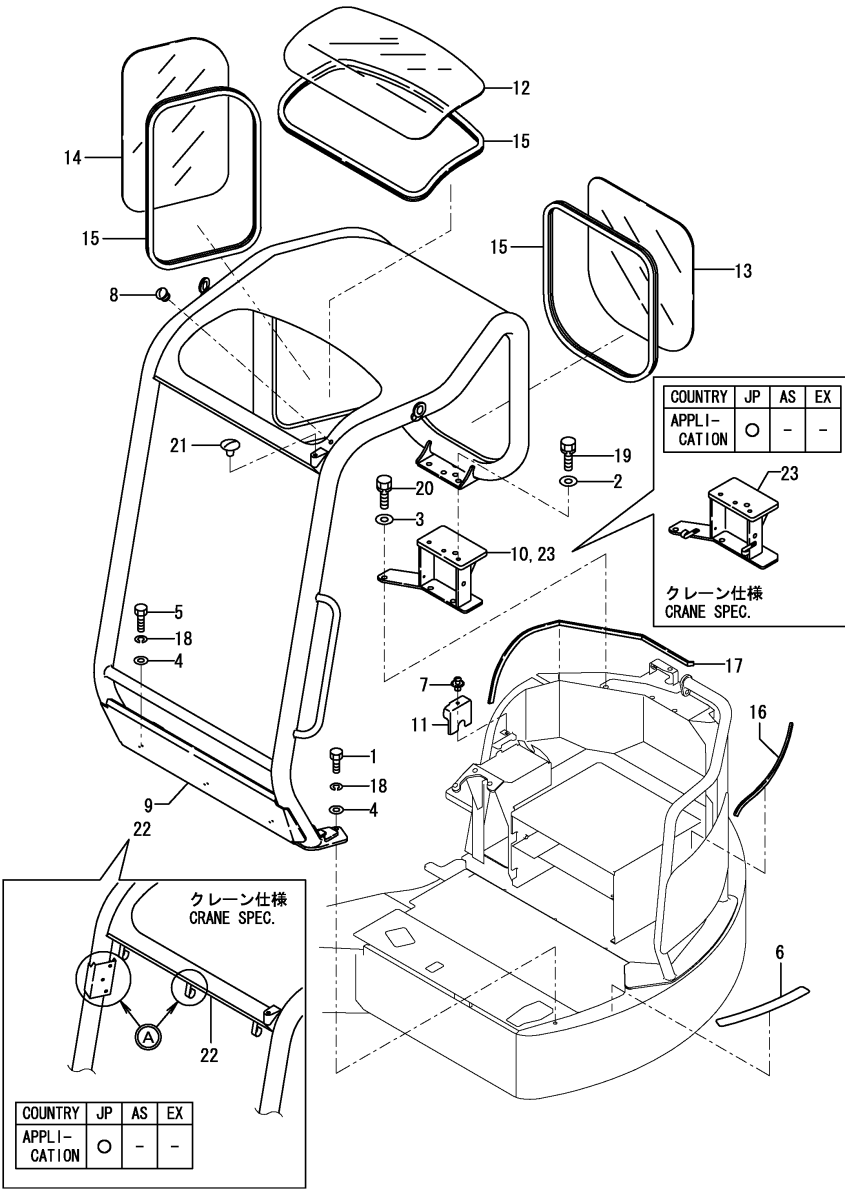


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172176-68390	BOLT	8		8		8			
2	2	172176-69340	BRACKET, DOOR	2							M
2-1	2	172176-69340-1	BRACKET, DOOR	2		2		2			
3	2	172187-69350	LINK ASSY, DOOR	2							M
3-1	2	172187-69350-1	LINK ASSY, DOOR	1		1		1			
4	3	172141-41370	BUSH	2		2		2			
6	2	172176-69390	LINK ASSY, DOOR	1							M
6-1	2	172176-69390-1	LINK ASSY, DOOR	1		1		1			
7	3	172141-41370	BUSH	2		2		2			
9	2	172187-69390	LINK, DOOR (B)	1		1		1			
10	2	172187-69420	BOLT M16X 90	1		1		1			
11	2	172176-69450	COVER	2		2		2			
12	2	172176-69470	BRACKET A	1		1		1			
13	2	172187-69490	NUT, M16 L	1		1		1			
14	2	172176-69560	PIN	1		1		1			
15	2	172176-69600	BRACKET	1							M
15-1	2	172176-69600-1	BRACKET	1		1		1			
16	2	172176-69790	SHAFT	2		2		2			
17	2	172176-69980	ARM ASSY, LINK	1							M
17-1	2	172176-69980-1	ARM ASSY, LINK	1		1		1			
19	3	24550-014150	BUSH, 14X15	4		4		4			
20	2	172176-69990	BEARING 2542	2		2		2			
21	2	22137-100000	WASHER, 10	3		3		3			
22	2	22137-100000	WASHER, 10	4		4		4			
23	2	22137-100000	WASHER, 10	4		4		4			
24	2	22157-100000	WASHER, 10	2		2		2			
25	2	22217-100000	WASHER, SPRING 10	4		4		4			
26	2	22217-100000	WASHER, SPRING 10	4		4		4			
27	2	22252-000420	RING, 42	2		2		2			
28	2	22351-040032	PIN, SPRING 4.0X32	2		2		2			
29	2	22351-040032	PIN, SPRING 4.0X32	2		2		2			
30	2	24321-000350	O-RING, 1AG35.0	2		2		2			
31	2	26013-100202	BOLT, M10X 20	2		2		2			
32	2	26013-100252	BOLT, M10X 25	3		3		3			
33	2	26716-100002	NUT, M10	4		4		4			
34	2	26716-100002	NUT, M10	4		4		4			
35	2	26716-160002	NUT, M16	1		1		1			
36	2	933171-21630	PIN, SWING LINK	1		1		1			

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

Fig.71. CANOPY



Remarks
(1)NOT APPLIED FOR CRANE SPEC.
(2)CRANE SPEC.
* A PART IS DIFFERENT WITH STANDARD SPEC.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-13200	BOLT		4		4		4		
2	1	172165-13220	WASHER		3		3		3		
3	1	172165-13220	WASHER		3		3		3		
4	1	172137-46040	SEAT, SPRING		5		5		5		
5	1	172137-53970	BOLT, M10X40 UNR		1		1		1		
6	1	172164-62490	SEAT, STEP		1		1		1		
7	1	1A6260-64200	CLIP		1		1		1		
8	1	172187-64900	PLUG		1		1		1		
9	1	172187-67110	CANOPY ASSY		1		1		1		
10	1	172187-67350	BRACKET, CANOPY		1		1		1		
11	1	172187-67640	COVER, LEVER		1		1		1		
12	1	172187-67650	ACRYL, ROOF		1		1		1		
13	1	172187-67660	ACRYL		1		1		1		
14	1	172187-67670	ACRYL		1		1		1		
15	1	172187-67700	RUBBER		3		3		3		
16	1	172187-67711	TRIM		1		1		1		
17	1	172187-67721	TRIM		1		1		1		
18	1	22217-100000	WASHER, SPRING 10		5		5		5		
19	1	26013-120352	BOLT, M12X 35		3		3		3		
20	1	26013-120352	BOLT, M12X 35		3		3		3		
21	1	172122-17190	CLIP, TREE		1		1		1		1
22	1	172187-67010	CANOPY ASSY, CRANE		1						2
23	1	172187-67050	BRACKET ASSY, CANOPY		1						2

Fig.72. HYD. OIL PUMP & JOINT

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-73100	PUMP, PISTON	1	1	1	1	1	1		
2	2	172187-73110	SHAFT ASSY	1	1	1	1	1	1		
6	3	172187-73240	SEAL, OIL	1	1	1	1	1	1		
7	3	172187-73250	O-RING	1	1	1	1	1	1		
11	2	172187-73120	ROTARY GROUP ASSY	1	1	1	1	1	1		
26	4	24315-000080	O-RING, 1BP8.0	2	2	2	2	2	2		
29	4	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
30	3	172187-75600	PLATE, CONTROL	1	1	1	1	1	1		
32	3	172187-75620	BOLT	2	2	2	2	2	2		
33	3	172187-75630	BOLT	2	2	2	2	2	2		
34	3	172187-75640	BOLT	1	1	1	1	1	1		
38	3	172187-75680	GASKET	1	1	1	1	1	1		
39	3	24315-000050	O-RING, 1BP5.0	2	2	2	2	2	2		
40	3	24321-001050	O-RING, 1AG105.0	1	1	1	1	1	1		
52	3	24311-000440	O-RING, 1AP44.0	1	1	1	1	1	1		
62	3	24315-000160	O-RING, 1BP16.0	1	1	1	1	1	1		
63	3	24315-000200	O-RING, 1BP20.0	2	2	2	2	2	2		
64	3	24315-000290	O-RING, 1BP29.0	2	2	2	2	2	2		
66	2	172187-73160	PUMP	1	1	1	1	1	1		
70	3	172187-75880	O-RING	1	1	1	1	1	1		
75	2	172187-73170	PUMP, GEAR	1	1	1	1	1	1		
80	3	24325-000900	O-RING, 1BG90.0	1	1	1	1	1	1		
81	2	172187-73180	VALVE	1	1	1	1	1	1		
83	3	172989-73150	VALVE, SOLENOID	1	1	1	1	1	1		W
(A=M/#00501) (B=M/#00501) (C=M/#00501) (D=M/#00501) (E=M/#00501) (F=M/#00501)											
84	3	172989-73160	VALVE, SOLENOID	1	1	1	1	1	1		W
(A=M/#00501) (B=M/#00501) (C=M/#00501) (D=M/#00501) (E=M/#00501) (F=M/#00501)											
85	3	172162-74860	BOLT	4	4	4	4	4	4		
86	3	24311-000160	O-RING, 1AP16.0	4	4	4	4	4	4		
87	3	26450-080252	BOLT, M8X 25	2	2	2	2	2	2		
91	3	24321-000750	O-RING, 1AG75.0	1	1	1	1	1	1		
92	3	26450-080222	BOLT, M8X 22	4	4	4	4	4	4		
99	3	172141-74430	O-RING	1	1	1	1	1	1		
105	1	172164-73110	VALVE	1	1	1	1	1	1		
106	1	22217-160000	WASHER, SPRING 16	4	4	4	4	4	4		
107	1	26116-160452	BOLT, M16X 45 PLATED	4	4	4	4	4	4		
108	1	172187-71110	BOLT 10X30-65	1	1	1	1	1	1		
109	1	172187-71100	COVER, FLYWHEEL	1	1	1	1	1	1		
110	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
111	1	26013-100302	BOLT, M10X 30	11	11	11	11	11	11		
112	1	172187-71200	COUPLING	1	1	1	1	1	1		
113	1	172187-71210	BOLT	3	3	3	3	3	3		

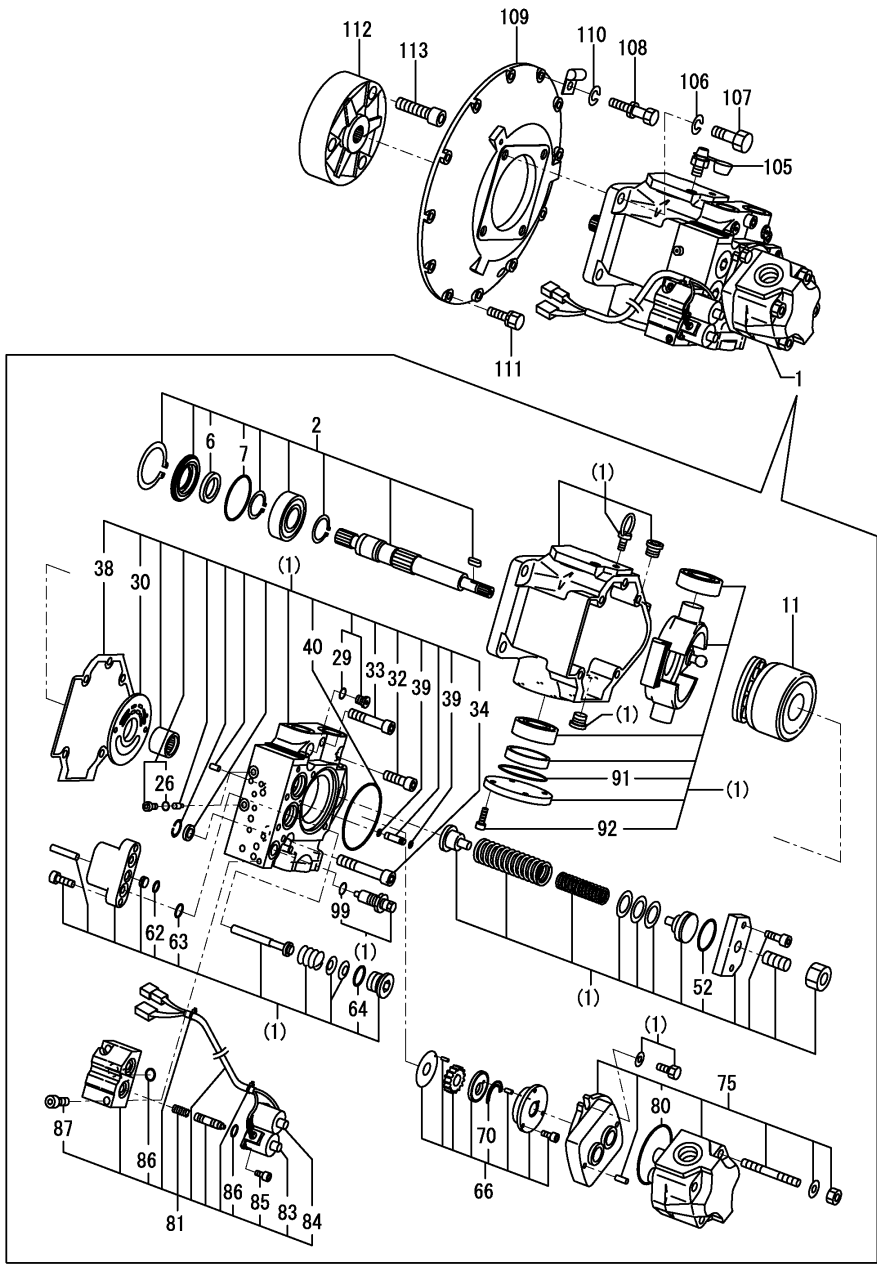
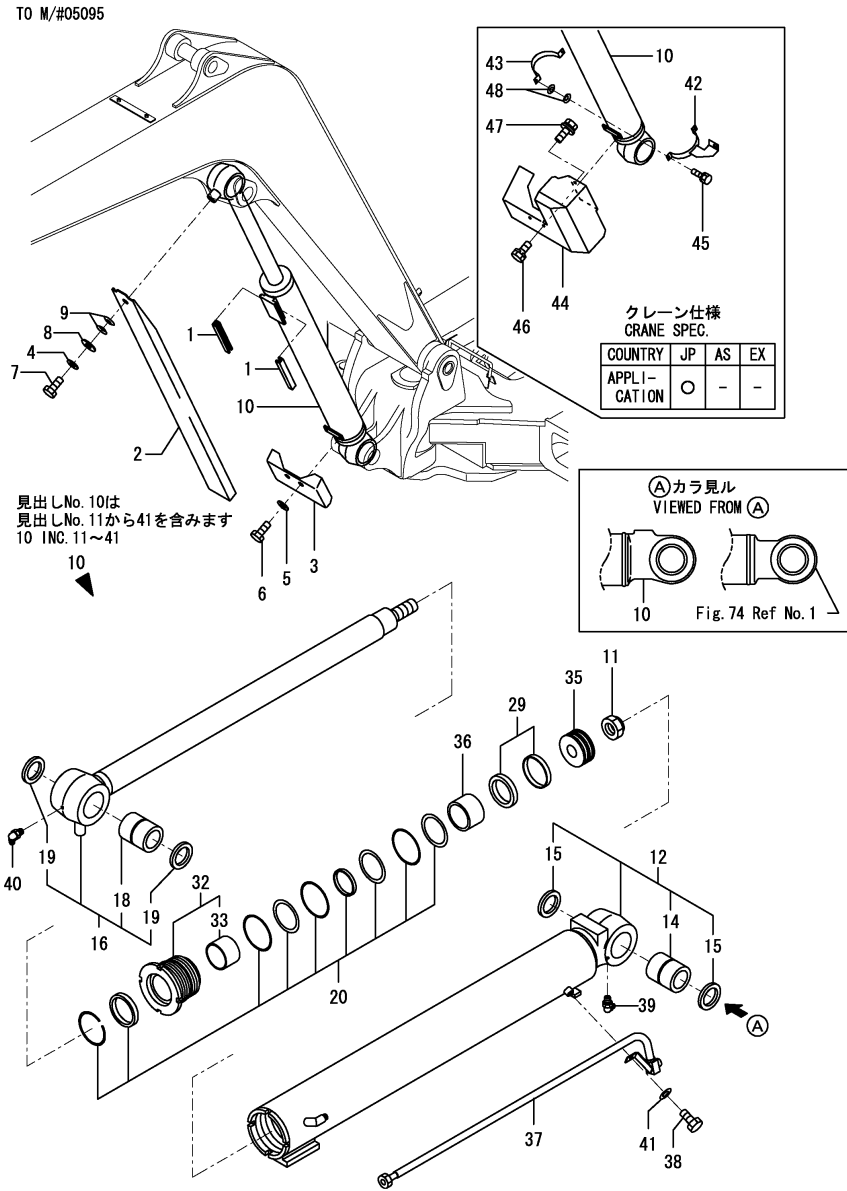


Fig.73. BOOM CYLINDER(PREVIOUS)



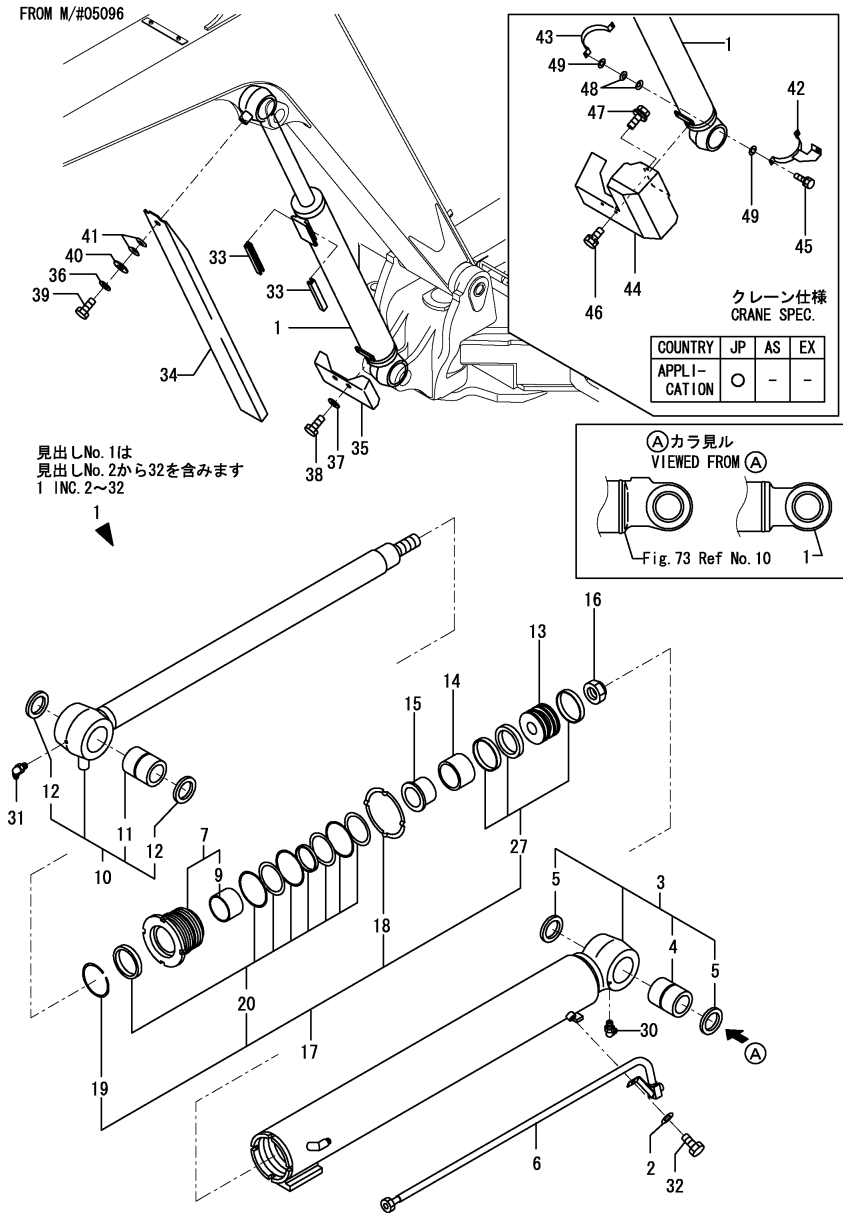
Remarks
* TO M/#05095
(1)CRANE SPEC.
(2)INTERCHANGABLE WITE FIG.NO.74
REF.NO.1(172020-10100)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172162-61770	GUIDE, SLIDE	2	2	2	2	2	2		
2	1	172187-72910	COVER, SLIDE	1	1	1	1	1	1		
3	1	172187-72950	GUARD ASSY	1	1	1	1	1	1		
4	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
5	1	22217-100000	WASHER, SPRING 10	2	2	2	2	2	2		
6	1	26116-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2		
7	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1	1	1		
8	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1	1	1		
9	1	933168-14170	SPRING	2	2	2	2	2	2		
10	1	172187-72400	CYLINDER ASSY, BOOM	1	1	1	1	1	1	Z	2
(A=M/#05096) (B=M/#05096) (C=M/#05096) (D=M/#05096) (E=M/#05096) (F=M/#05096)											
11	2	182900-34230	NUT	1	1	1	1	1	1		
12	2	172187-72530	TUBE, BOOM	1	1	1	1	1	1		
14	3	172187-72490	BUSH	1	1	1	1	1	1		
15	3	182900-24790	SEAL	2	2	2	2	2	2		
16	2	172187-72540	ROD CMP, BOOM	1	1	1	1	1	1		
18	3	172187-72490	BUSH	1	1	1	1	1	1		
19	3	182900-24790	SEAL	2	2	2	2	2	2		
20	2	172187-72250	SEAL SET, HEAD	1	1	1	1	1	1		
29	2	172187-72790	SEAL SET, PISTON	1	1	1	1	1	1		
32	2	172187-72590	HEAD CMP	1	1	1	1	1	1		
33	3	182900-60960	BUSHING	1	1	1	1	1	1		
35	2	172187-72450	PISTON	1	1	1	1	1	1		
36	2	172187-72480	PLUNGER	1	1	1	1	1	1		
37	2	172187-72500	TUBE	1	1	1	1	1	1		
38	2	172187-72510	BOLT	1	1	1	1	1	1		
39	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
40	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
41	2	953KM0-00222	WASHER	1	1	1	1	1	1		
42	1	172187-77060	BAND, BOOT	1	1						1
43	1	172187-77130	BAND, BOOT	1	1						1
44	1	172187-77340	GUARD, CRANE	1	1						1
45	1	26013-080252	BOLT, M8X 25	2	2						1
46	1	26013-100452	BOLT, M10X 45	2	2						1
47	1	26014-100202	BOLT, M10X 20	1	1						1
48	1	172068-28490	SPRING	4	4						1

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



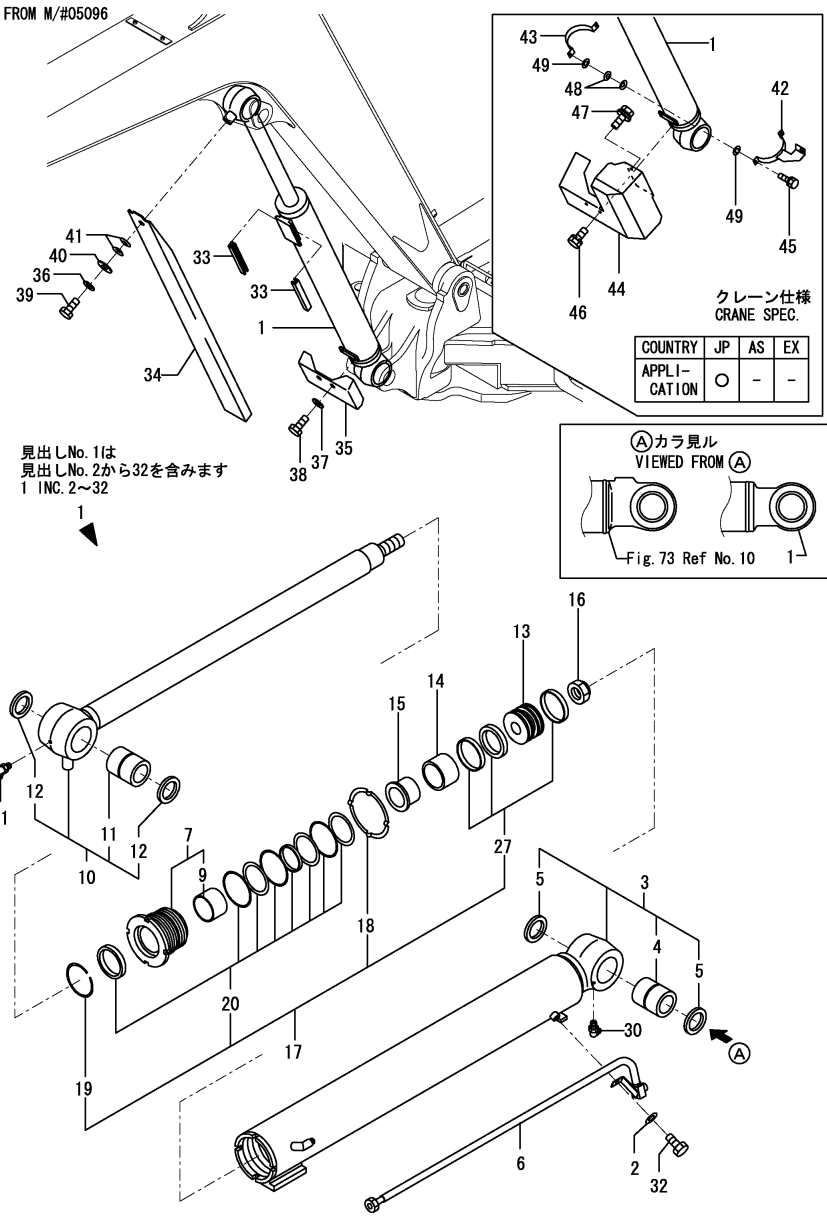
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-10100	CYLINDER ASSY, BOOM	1	1	1	1	1	1	W	
		(A=M/#05096) (B=M/#05096) (C=M/#05096) (D=M/#05096)			(E=M/#05096)			(F=M/#05096)			
1-1	1	172020-10101	CYLINDER ASSY, BOOM	1	1	1	1	1	1	N	
		(A=M/#06045) (B=M/#06045) (C=M/#06045) (D=M/#06045)			(E=M/#06045)			(F=M/#06045)			
2	2	194145-04810	WASHER	1	1	1	1	1	1		
3	2	172020-10111	TUBE, BOOM	1	1	1	1	1	1		
3-1	2	172020-10112	TUBE, BOOM	1	1	1	1	1	1	N	
		(A=M/#06045) (B=M/#06045) (C=M/#06045) (D=M/#06045)			(E=M/#06045)			(F=M/#06045)			
4	3	172020-10220	BUSH, PIN	1	1	1	1	1	1		
5	3	172162-82350	SEAL, DUST	2	2	2	2	2	2		
6	2	172020-10141	PIPE, BOOM	1	1	1	1	1	1		
7	2	172020-10230	HEAD ASSY, CYLINDER	1	1	1	1	1	1		
9	3	172020-10320	BUSH 65 40	1	1	1	1	1	1		
9-1	3	24550-065400	BUSH, 65X40	1	1	1	1	1	1	R	
		(A=M/#06088) (B=M/#06088) (C=M/#06088) (D=M/#06088)			(E=M/#06088)			(F=M/#06088)			
10	2	172020-10250	ROD,BOOM	1	1	1	1	1	1		
10-1	2	172020-10251	ROD ASSY, BOOM	1	1	1	1	1	1	N	
		(A=M/#06045) (B=M/#06045) (C=M/#06045) (D=M/#06045)			(E=M/#06045)			(F=M/#06045)			
11	3	172020-10220	BUSH, PIN	1	1	1	1	1	1		
12	3	172162-82350	SEAL, DUST	2	2	2	2	2	2		
13	2	172020-10290	PISTON	1	1	1	1	1	1		
14	2	172020-10340	PLUNGER 72,CUSHION	1	1	1	1	1	1		
14-1	2	172478-72190	PLUNGER, CUSHION	1	1	1	1	1	1	N	
		(A=M/#06045) (B=M/#06045) (C=M/#06045) (D=M/#06045)			(E=M/#06045)			(F=M/#06045)			
15	2	172020-10350	COLLAR, 42 59	1	1	1	1	1	1		
15-1	2	172478-72250	COLLAR, CUSHION	1	1	1	1	1	1	N	
		(A=M/#06045) (B=M/#06045) (C=M/#06045) (D=M/#06045)			(E=M/#06045)			(F=M/#06045)			
16	2	172020-10370	NUT	1	1	1	1	1	1		
17	2	172020-11600	SEAL SET, CYLINDER	1	1	1	1	1	1		
18	3	172020-10360	WASHER, LOCK	1	1	1	1	1	1		
19	3	172020-10380	RING, SPRING	1	1	1	1	1	1		
20	3	172020-11610	SEAL SET, HEAD	1	1	1	1	1	1		
27	3	172020-11620	SEAL SET, PISTON	1	1	1	1	1	1		
30	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
31	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
32	2	26013-100252	BOLT, M10X 25	1	1	1	1	1	1		
33	1	172162-61770	GUIDE, SLIDE	2	2	2	2	2	2		
34	1	172187-72910	COVER, SLIDE	1	1	1	1	1	1		
35	1	172187-72950	GUARD ASSY	1	1	1	1	1	1		2
36	1	22217-100000	WASHER, SPRING 10	1	1	1	1	1	1		
37	1	22217-100000	WASHER, SPRING 10	2	2	2	2	2	2		2
38	1	26116-100162	BOLT, M10X 16 PLATED	2	2	2	2	2	2		2
39	1	26116-100202	BOLT, M10X 20 PLATED	1	1	1	1	1	1		
40	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1	1	1		
41	1	933168-14170	SPRING	2	2	2	2	2	2		
42	1	172187-77060	BAND, BOOT	1	1						1
43	1	172187-77130	BAND, BOOT	1	1						1
44	1	172187-77340	GUARD, CRANE	1	1						1
45	1	26013-080252	BOLT, M8X 25	2	2						1
46	1	26013-100452	BOLT, M10X 45	2	2						1
47	1	26014-100202	BOLT, M10X 20	1	1						1

Remarks
(1)CRANE SPEC.
(2)NOT APPLIED FOR CRANE SPEC.
* FROM M/#05096

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48	1	172068-28490	SPRING	4	4						1
49	1	22137-080000	WASHER, 8	4	4					W	
(A=*2000.03) (B=*2000.03)											

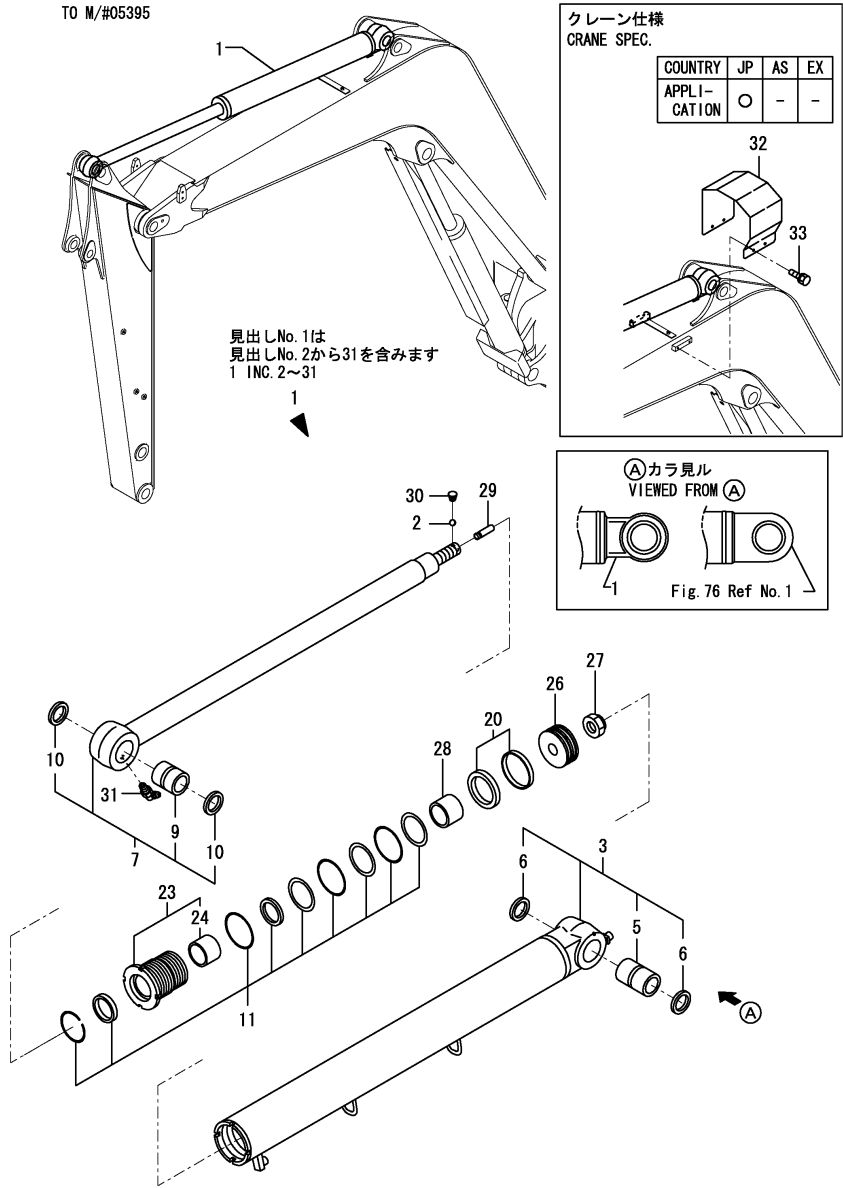


Remarks
(1)CRANE SPEC.
(2)NOT APPLIED FOR CRANE SPEC.
* FROM M/#05096

Fig.75. ARM CYLINDER(PREVIOUS)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



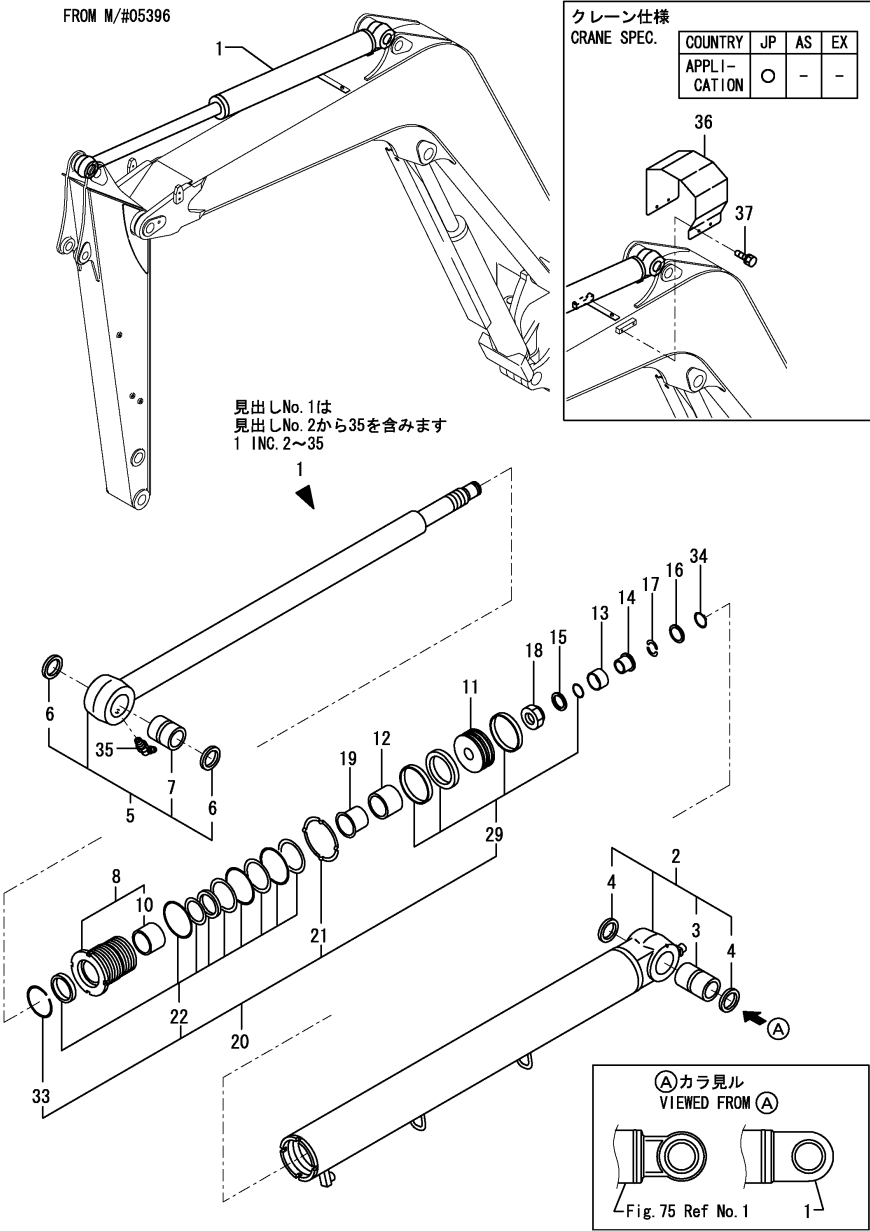
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-72600	CYLINDER, ARM	1	1	1	1	1	1	Z	2
		(A=M/#05396) (B=M/#05396) (C=M/#05396) (D=M/#05396)		(E=M/#05396)				(F=M/#05396)			
2	2	182900-33970	BALL	9	9	9	9	9	9		
3	2	172187-72720	TUBE, ARM	1	1	1	1	1	1		
5	3	172187-72700	BUSH	1	1	1	1	1	1		
6	3	182900-53650	SEAL	2	2	2	2	2	2		
6-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
		(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146)		(E=M/#05146)				(F=M/#05146)			
7	2	172187-72730	ROD	1	1	1	1	1	1		
9	3	172187-72690	BUSH	1	1	1	1	1	1		
10	3	182900-53650	SEAL	2	2	2	2	2	2		
10-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
		(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146)		(E=M/#05146)				(F=M/#05146)			
11	2	172187-72020	SEAL SET, HEAD	1	1	1	1	1	1		
20	2	172187-72740	SEAL SET, PISTON	1	1	1	1	1	1		
23	2	172187-72750	HEAD CMP	1	1	1	1	1	1		
24	3	182900-34250	BUSHING	1	1	1	1	1	1		
26	2	172187-72640	PISTON	1	1	1	1	1	1		
27	2	172187-72650	NUT	1	1	1	1	1	1		
28	2	172187-72660	PLUNGER	1	1	1	1	1	1		
29	2	172187-72670	PLUNGER	1	1	1	1	1	1		
30	2	172187-72680	CAP	1	1	1	1	1	1		
31	2	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
32	1	172187-77311	GUARD, CYLINDER	1	1						1
33	1	26013-100252	BOLT, M10X 25	4	4						1

Remarks
(1)CRANE SPEC.
(2)INTERCHANGABLE WITH FIG.NO.76
REF.NO.1(172020-10500).
* TO M/#05395

Fig.76. ARM CYLINDER(NEW)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



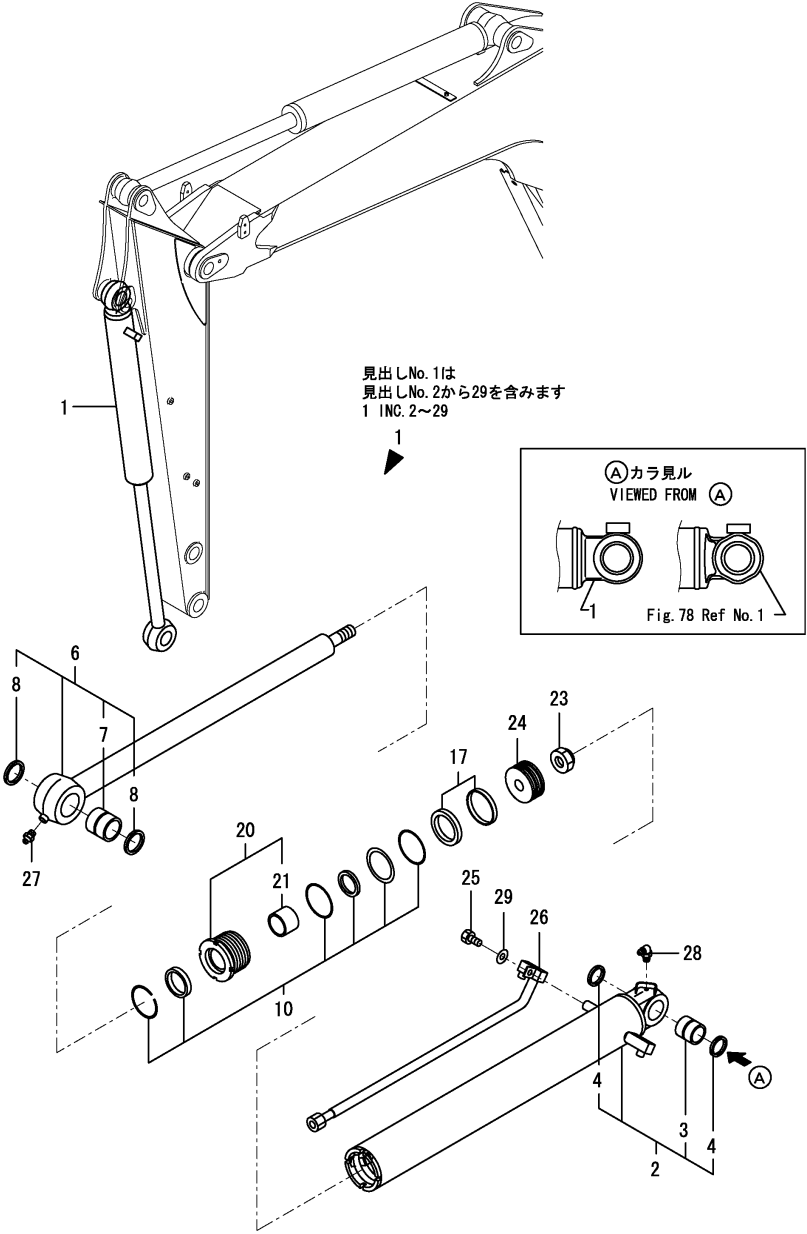
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-10500	CYLINDER, ARM	1	1	1	1	1	1	W	
		(A=M/#05396) (B=M/#05396) (C=M/#05396) (D=M/#05396)			(E=M/#05396)			(F=M/#05396)			
2	2	172020-10510	TUBE, ARM	1	1	1	1	1	1		
3	3	172020-10610	BUSH, PIN	1	1	1	1	1	1		
4	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
5	2	172020-10650	ROD, ARM	1	1	1	1	1	1		
6	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
7	3	172020-10680	BUSH, PIN	1	1	1	1	1	1		
8	2	172020-10700	HEAD 100 60	1	1	1	1	1	1		
10	3	172445-72480	BUSH, ROD	1	1	1	1	1	1		
11	2	172020-10720	PISTON	1	1	1	1	1	1		
12	2	172020-10730	PLUNGER, CUSHION	1	1	1	1	1	1		
13	2	172020-10750	PLUNGER, CUSHION	1	1	1	1	1	1		
14	2	172020-10760	COLLAR, CUSHION	1	1	1	1	1	1		
15	2	172020-10770	SPACER	1	1	1	1	1	1		
16	2	172020-10780	COVER, STOPPER	1	1	1	1	1	1		
17	2	172020-10790	STOPPER	2	2	2	2	2	2		
18	2	172020-10810	NUT	1	1	1	1	1	1		
19	2	172020-10860	COLLAR, CUSHION	1	1	1	1	1	1		
20	2	172020-11630	SEAL SET, 100X60	1	1	1	1	1	1		
21	3	172020-10800	WASHER, LOCK	1	1	1	1	1	1		
22	3	172020-11640	SEAL SET, 100X60	1	1	1	1	1	1		
29	3	172020-11650	SEAL SET, PISTON	1	1	1	1	1	1		
33	3	172445-72450	RING, SPRING	1	1	1	1	1	1		
34	2	22242-000340	RING, 34	1	1	1	1	1	1		
35	2	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
36	1	172187-77311	GUARD, CYLINDER	1	1						1
37	1	26013-100252	BOLT, M10X 25	4	4						1
37-1	1	26013-100202	BOLT, M10X 20	4	4						N
		(A=M/#05284) (B=M/#05284)									

Remarks
(1)CRANE SPEC.
* FROM M/#05396

Fig.77. BUCKET CYLINDER

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



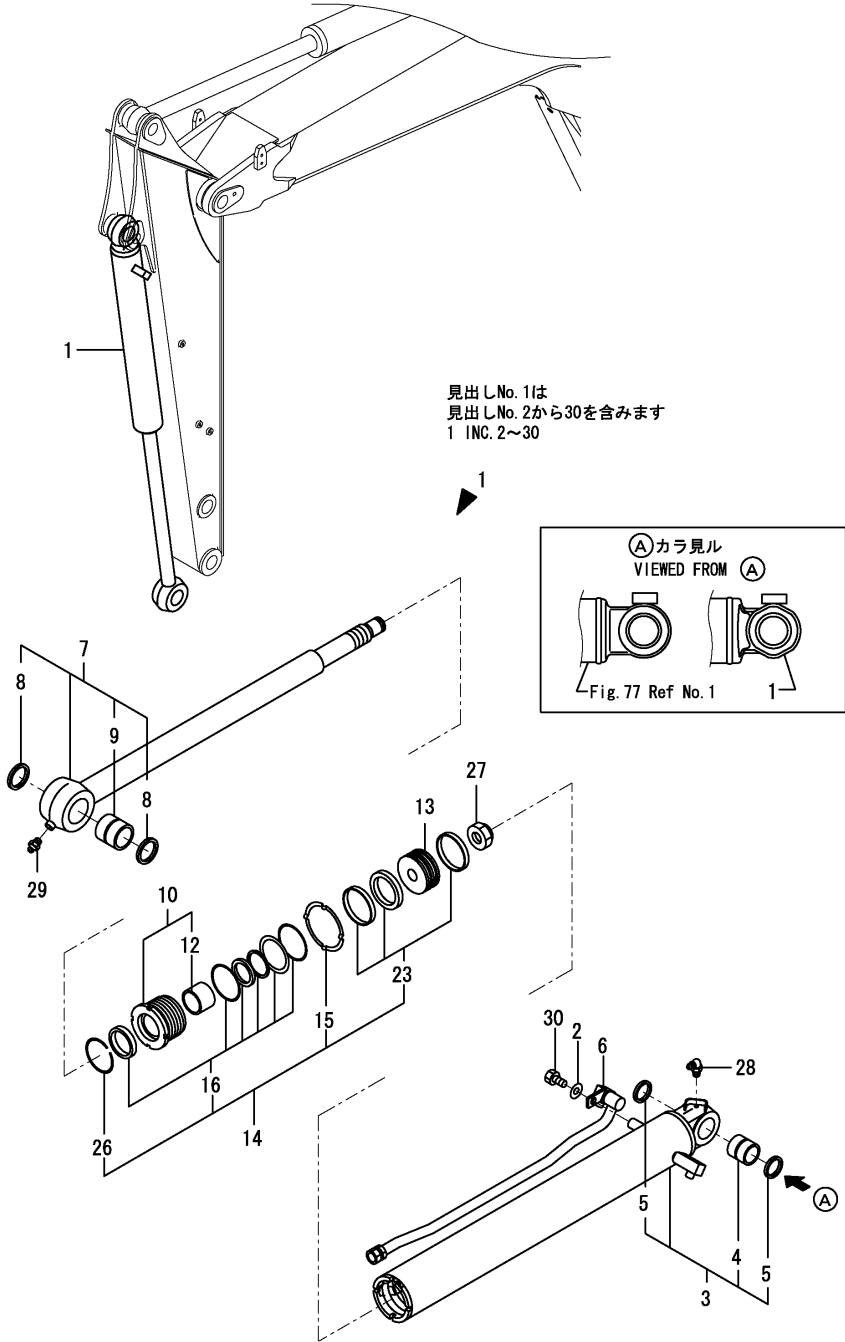
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-72801	CYLINDER ASSY	1	1	1	1	1	1	Z	1
		(A=M/#05345) (B=M/#05345) (C=M/#05345) (D=M/#05345)		(E=M/#05345)				(F=M/#05345)			
2	2	172187-72870	TUBE, BUCKET	1	1	1	1	1	1		
3	3	182900-24780	BUSHING	1	1	1	1	1	1		
4	3	172511-91320	SEAL, DUST 50X60X4	2	2	2	2	2	2		
6	2	172187-72880	ROD	1	1	1	1	1	1		
7	3	182900-53630	BUSHING	1	1	1	1	1	1		
8	3	182900-53650	SEAL	2	2	2	2	2	2		
8-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
		(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146)		(E=M/#05146)				(F=M/#05146)			
10	2	172187-72770	SEAL SET, HEAD	1	1	1	1	1	1		
17	2	172187-72780	SEAL SET, PISTON	1	1	1	1	1	1		
20	2	172187-72760	HEAD	1	1	1	1	1	1		
21	3	182900-34240	BUSHING	1	1	1	1	1	1		
23	2	182900-53730	NUT	1	1	1	1	1	1		
24	2	182900-60900	PISTON	1	1	1	1	1	1		
25	2	172187-72510	BOLT	1	1	1	1	1	1		
26	2	172187-72850	TUBE	1	1	1	1	1	1		
27	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
28	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
29	2	953KM0-00222	WASHER	1	1	1	1	1	1		

Remarks
(1)INTERCHANGABLE WITH FIG.NO.78
REF.NO.1(172020-10900).

Fig.78. BUCKET CYLINDER

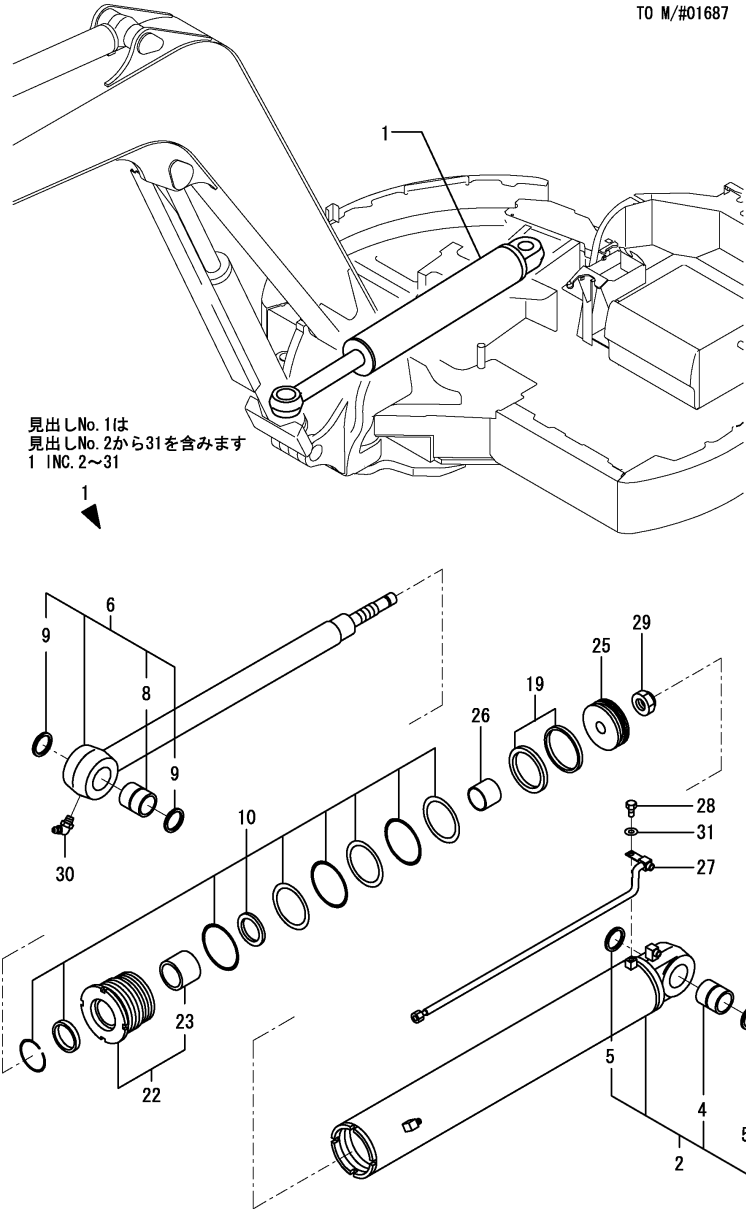
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-10900	CYLINDER ASSY	1	1	1	1	1	1	W	
		(A=M/#05345) (B=M/#05345) (C=M/#05345) (D=M/#05345)		(E=M/#05345)				(F=M/#05345)			
2	2	194145-04810	WASHER	1	1	1	1	1	1		
3	2	172020-10910	TUBE, BUCKET	1	1	1	1	1	1		
4	3	172151-72591	BUSH	1	1	1	1	1	1		
5	3	172165-81760	SEAL, DUST 50X60X4	2	2	2	2	2	2		
6	2	172020-10940	PIPE, BUCKET	1	1	1	1	1	1		
7	2	172020-11000	ROD, BUCKET	1	1	1	1	1	1		
8	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
9	3	172020-11030	BUSH, PIN	1	1	1	1	1	1		
10	2	172020-11040	HEAD ASSY	1	1	1	1	1	1		
12	3	172151-72240	BUSH, ROD	1	1	1	1	1	1		
13	2	172020-11060	PISTON	1	1	1	1	1	1		
14	2	172020-11660	SEAL SET, CYLINDER	1	1	1	1	1	1		
14-1	2	172020-11661	SEAL SET, CYLINDER	1	1	1	1	1	1	N	
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)		(E=MZZZZZ)				(F=MZZZZZ)			
15	3	172020-11070	WASHER, LOCK	1	1	1	1	1	1		
15-1	3	172A65-72590	WASHER, LOCK	1	1	1	1	1	1	N	
		(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)		(E=MZZZZZ)				(F=MZZZZZ)			
16	3	172020-11670	SEAL SET, HEAD	1	1	1	1	1	1		
23	3	172020-11680	SEAL SET, PISTON	1	1	1	1	1	1		
26	3	933126-00500	RING, SPRING	1	1	1	1	1	1		
27	2	172151-72270	NUT	1	1	1	1	1	1		
28	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1		
29	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
30	2	26013-100252	BOLT, M10X 25	1	1	1	1	1	1		

Fig.79. SWING CYLINDER(PREVIOUS)



TO M/#01687

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

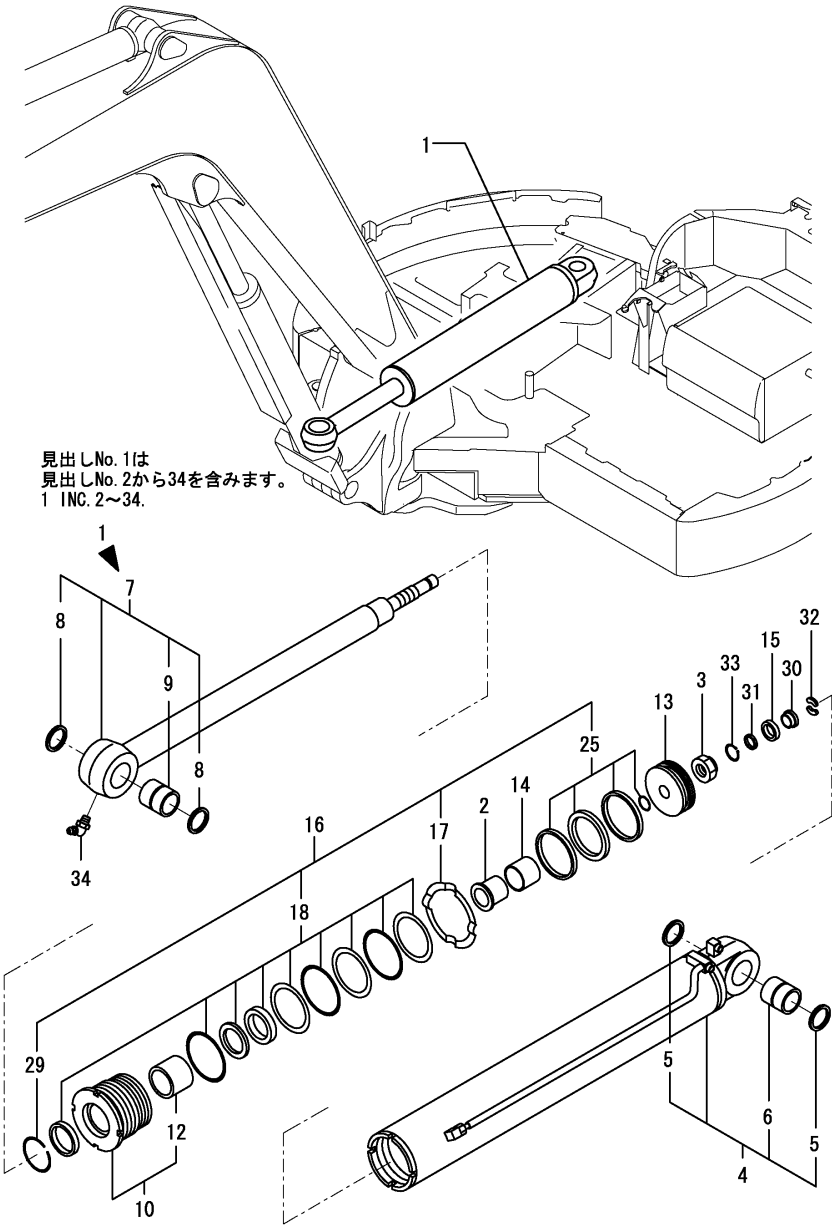
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-72301	CYLINDER ASSY, SWING	1	1	1	1	1	1	Z	1
		(A=M/#01688) (B=M/#01688) (C=M/#01688) (D=M/#01688)		(E=M/#01688)				(F=M/#01688)			
2	2	172187-72260	TUBE, SWING	1	1	1	1	1	1		
4	3	172187-72370	BUSH	1	1	1	1	1	1		
5	3	182900-53650	SEAL	2	2	2	2	2	2		
5-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
		(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146)		(E=M/#05146)				(F=M/#05146)			
6	2	172187-72270	ROD CMP	1	1	1	1	1	1		
8	3	172187-72360	BUSH	1	1	1	1	1	1		
9	3	182900-53650	SEAL	2	2	2	2	2	2		
9-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
		(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146)		(E=M/#05146)				(F=M/#05146)			
10	2	172187-72030	SEAL SET, HEAD	1	1	1	1	1	1		
19	2	172187-72290	SEAL SET, PISTON	1	1	1	1	1	1		
22	2	172187-72280	HEAD	1	1	1	1	1	1		
23	3	182900-34250	BUSHING	1	1	1	1	1	1		
25	2	172187-72340	PISTON	1	1	1	1	1	1		
26	2	172187-72350	PLUNGER	1	1	1	1	1	1		
27	2	172187-72380	TUBE	1	1	1	1	1	1		
28	2	172187-72510	BOLT	1	1	1	1	1	1		
29	2	172187-72650	NUT	1	1	1	1	1	1		
30	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		
31	2	953KM0-00222	WASHER	1	1	1	1	1	1		

Remarks
(1)INTERCHANGABLE WITH FIG.NO.80
REF.NO.1(172020-11150)
* TO M/#01687

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

FROM M/#01688



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-11150	CYLINDER ASSY, SWING (A=M/#01688) (B=M/#01688) (C=M/#01688) (D=M/#01688)	1	1	1	1	1	1	W	
1-1	1	172020-11151	CYLINDER ASSY, SWING (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1	R	
2	2	172020-10740	COLLAR, 42 55	1	1	1	1	1	1		
2-1	2	172020-10860	COLLAR, CUSHION (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1	R	
3	2	172020-10810	NUT (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1		
4	2	172020-11160	TUBE ASSY, SWING (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1		
4-1	2	172020-11161	TUBE ASSY, SWING (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1	R	
5	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
6	3	172020-11230	BUSH, PIN	1	1	1	1	1	1		
7	2	172020-11250	ROD, SWING	1	1	1	1	1	1		
8	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
9	3	172020-11280	BUSH, PIN	1	1	1	1	1	1		
10	2	172020-11300	HEAD ASSY	1	1	1	1	1	1		
12	3	172445-72480	BUSH, ROD	1	1	1	1	1	1		
13	2	172020-11320	PISTON	1	1	1	1	1	1		
14	2	172020-11330	PLUNGER 68B	1	1	1	1	1	1		
14-1	2	172020-10730	PLUNGER, CUSHION (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1	R	
15	2	172020-11340	RING, CUSHION (A=M/#06992) (B=M/#06992) (C=M/#06992) (D=M/#06992)	1	1	1	1	1	1		
16	2	172020-11690	SEAL SET, CYLINDER	1	1	1	1	1	1		
17	3	172020-11350	WASHER, LOCK	1	1	1	1	1	1		
18	3	172020-11700	SEAL SET, HEAD	1	1	1	1	1	1		
25	3	172020-11710	SEAL SET, PISTON	1	1	1	1	1	1		
29	3	172445-72450	RING, SPRING	1	1	1	1	1	1		
30	2	172423-72520	COLLAR, CUSHION	1	1	1	1	1	1		
31	2	172423-72530	SPACER	1	1	1	1	1	1		
32	2	172423-72540	STOPPER	2	2	2	2	2	2		
33	2	172423-72550	CIRCLIP	1	1	1	1	1	1		
34	2	24761-050000	NIPPLE, GREASE C	1	1	1	1	1	1		

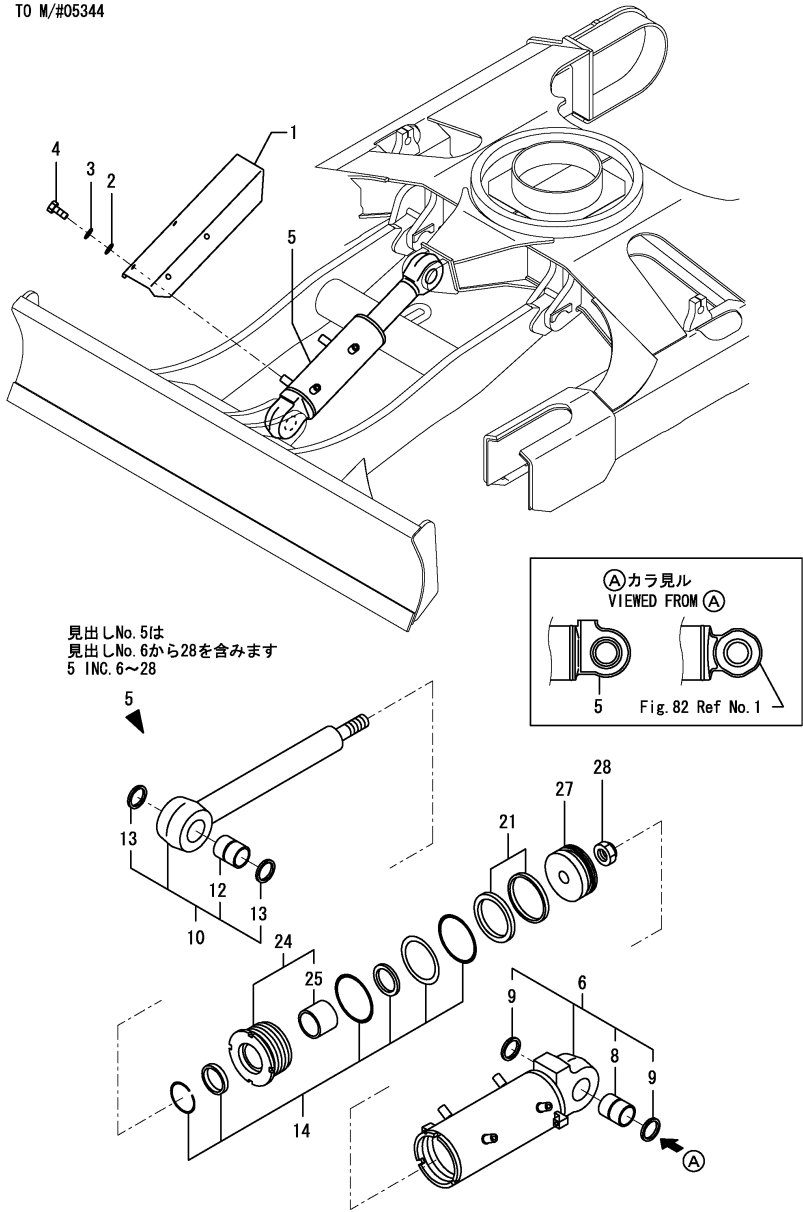
Remarks
* FROM M/#01688

Fig.81. BLADE CYLINDER(PREVIOUS)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

TO M/#05344



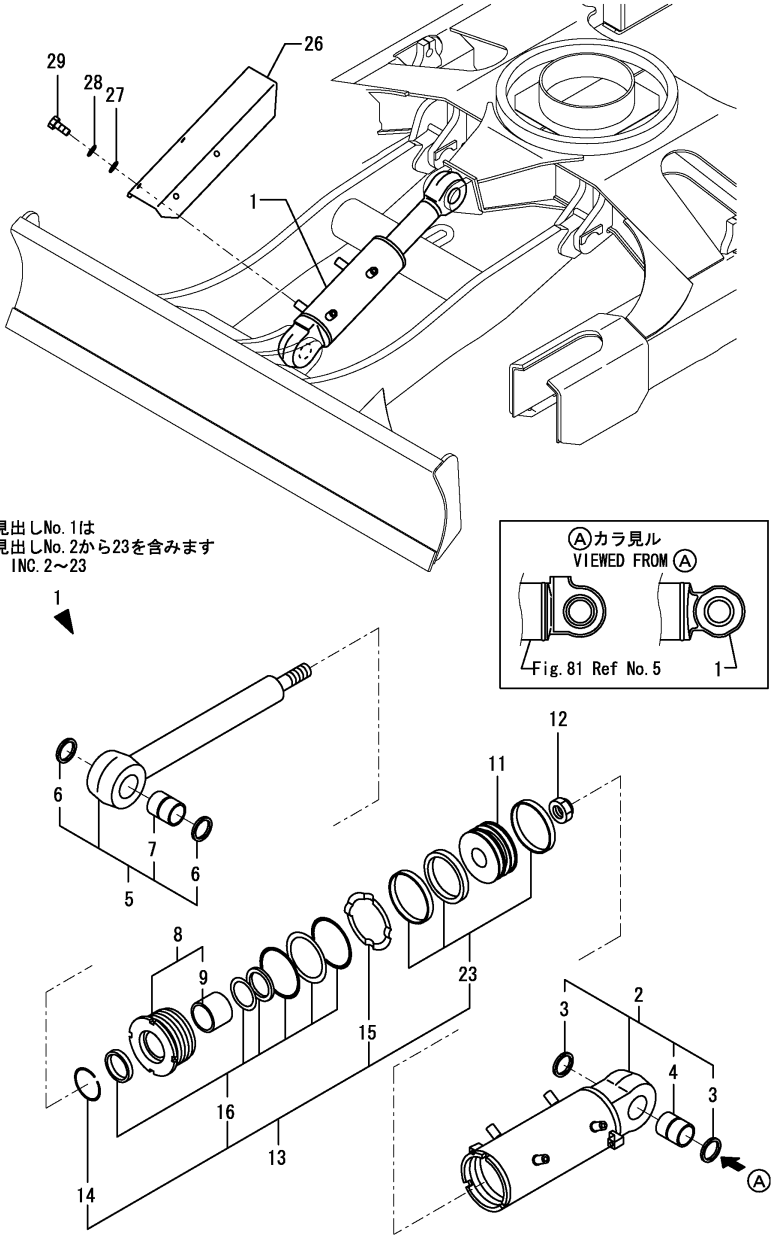
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-72891	COVER ASSY, BLADE	1	1	1	1	1	1		
2	1	22137-100000	WASHER, 10	4	4	4	4	4	4		
3	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
4	1	26116-100202	BOLT, M10X 20 PLATED	4	4	4	4	4	4		
5	1	172187-72101	CYLINDER ASSY, BLADE	1	1	1	1	1	1	Z	1
(A=M/#05345) (B=M/#05345) (C=M/#05345) (D=M/#05345) (E=M/#05345) (F=M/#05345)											
6	2	172187-72060	TUBE ASSY, BLADE	1	1	1	1	1	1		
8	3	172187-72180	BUSH	1	1	1	1	1	1		
9	3	182900-53650	SEAL	2	2	2	2	2	2		
9-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146) (E=M/#05146) (F=M/#05146)											
10	2	172187-72070	ROD	1	1	1	1	1	1		
12	3	172187-72170	BUSH	1	1	1	1	1	1		
13	3	182900-53650	SEAL	2	2	2	2	2	2		
13-1	3	172187-83130	SEAL, DUST	2	2	2	2	2	2	R	
(A=M/#05146) (B=M/#05146) (C=M/#05146) (D=M/#05146) (E=M/#05146) (F=M/#05146)											
14	2	172187-72040	SEAL SET, HEAD	1	1	1	1	1	1		
21	2	172187-72090	SEAL SET, PISTON	1	1	1	1	1	1		
24	2	172187-72080	HEAD CMP	1	1	1	1	1	1		
25	3	182900-60960	BUSHING	1	1	1	1	1	1		
27	2	172187-72140	PISTON	1	1	1	1	1	1		
28	2	172187-72160	NUT	1	1	1	1	1	1		

Remarks
(1)INTERCHANGABLE WITH FIG.NO.82
REF.NO.1(172020-11400).
* TO M/#05344

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

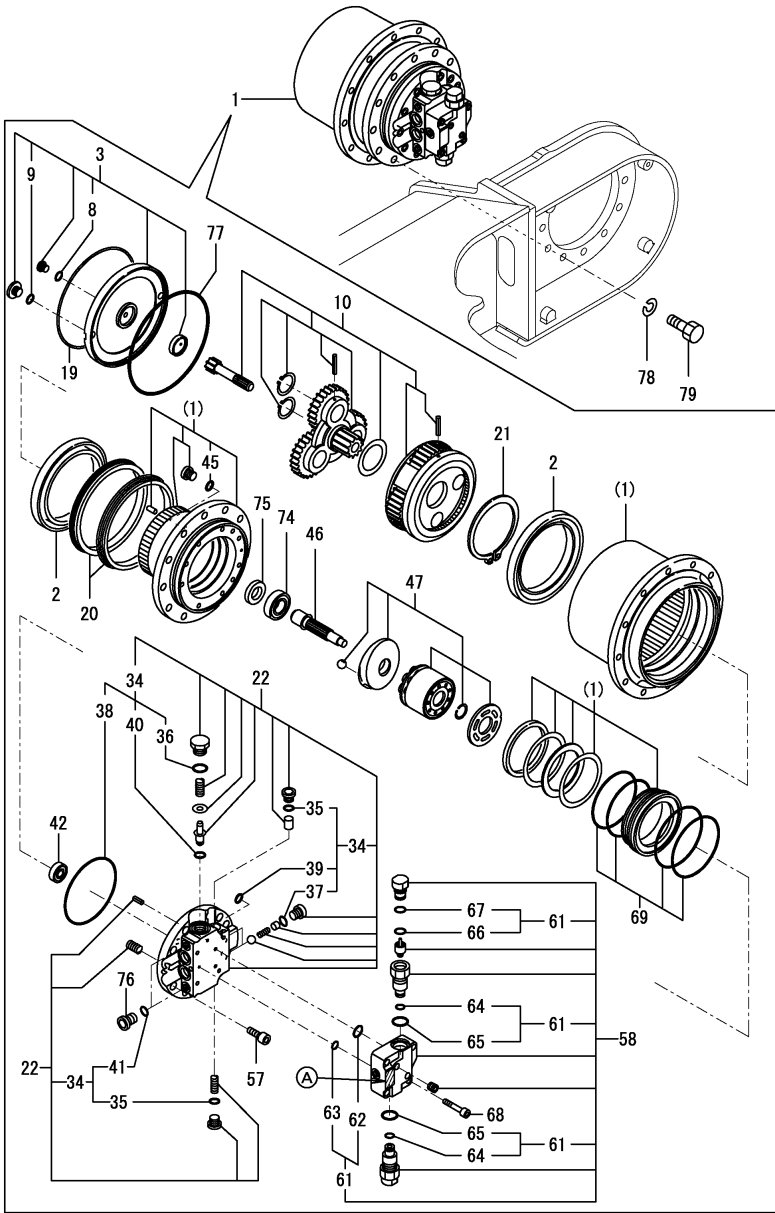
FROM M/#05345



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172020-11400	CYLINDER ASSY, BLADE	1	1	1	1	1	1	W	
		(A=M/#05345) (B=M/#05345) (C=M/#05345) (D=M/#05345)		(E=M/#05345)				(F=M/#05345)			
2	2	172020-11410	TUBE, BLADE	1	1	1	1	1	1		
3	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
4	3	172020-11450	BUSH, PIN	1	1	1	1	1	1		
5	2	172020-11470	ROD ASSY, BLADE	1	1	1	1	1	1		
6	3	172020-10620	SEAL, DUST	2	2	2	2	2	2		
7	3	172020-11450	BUSH, PIN	1	1	1	1	1	1		
8	2	172020-11500	HEAD ASSY	1	1	1	1	1	1		
9	3	172020-10320	BUSH 65 40	1	1	1	1	1	1		
9-1	3	24550-065400	BUSH, 65X40	1	1	1	1	1	1	R	
		(A=M/#06088) (B=M/#06088) (C=M/#06088) (D=M/#06088)		(E=M/#06088)				(F=M/#06088)			
11	2	172020-11520	PISTON	1	1	1	1	1	1		
12	2	172020-11540	NUT	1	1	1	1	1	1		
13	2	172020-11720	SEAL SET, CYLINDER	1	1	1	1	1	1		
14	3	172020-10380	RING, SPRING	1	1	1	1	1	1		
15	3	172020-11530	WASHER, LOCK	1	1	1	1	1	1		
16	3	172020-11730	SEAL SET, HEAD	1	1	1	1	1	1		
23	3	172020-11740	SEAL SET, PISTON	1	1	1	1	1	1		
26	1	172187-72891	COVER ASSY, BLADE	1	1	1	1	1	1		
27	1	22137-100000	WASHER, 10	4	4	4	4	4	4		
28	1	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
29	1	26116-100202	BOLT, M10X 20 PLATED	4	4	4	4	4	4		

Remarks
* FROM M/#05345

Fig.83. TRAVEL MOTOR

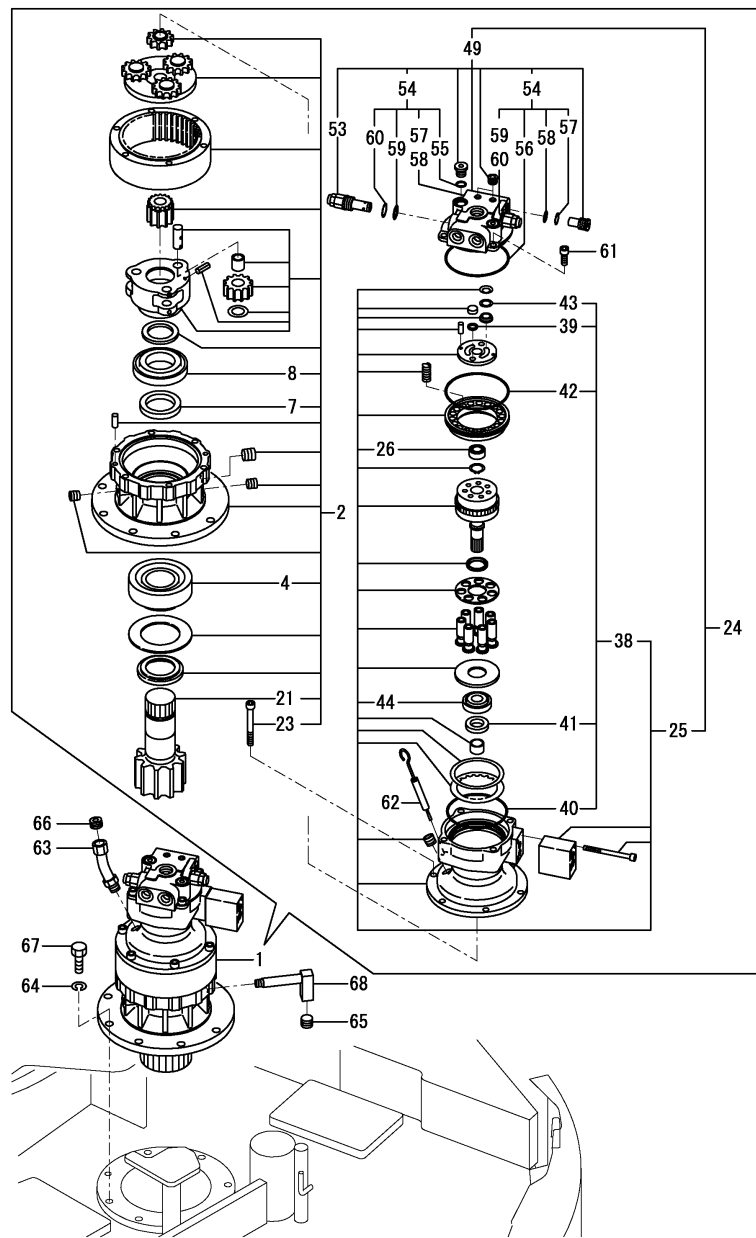


Remarks
(1)THE COLOR OF A PART OF NAME PLATE
OF REF.NO.1 IS YELLOR & REF.NO.1-1
IS BLUE.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-73300	MOTOR, TRAVEL ASSY	2	2	2	2	2	2		
1-1	1	172187-73301	MOTOR ASSY, TRAVEL	2	2	2	2	2	2	N	1
(A=M/#06088) (B=M/#06088) (C=M/#06088) (D=M/#06088) (E=M/#06088) (F=M/#06088)											
2	2	172187-73460	BEARING	4	4	4	4	4	4		
3	2	172187-74010	COVER ASSY	2	2	2	2	2	2		
8	3	24315-000080	O-RING, 1BP8.0	2	2	2	2	2	2		
9	3	24315-000140	O-RING, 1BP14.0	4	4	4	4	4	4		
10	2	172187-74020	CARRIER ASSY	2	2	2	2	2	2		
19	2	172187-73510	RING	2	2	2	2	2	2		
20	2	172187-73540	SEAL	4	4	4	4	4	4		
21	2	172187-73550	SNAP RING	2	2	2	2	2	2		
22	2	172187-74030	PLATE, BASE CMP	2	2	2	2	2	2		
34	3	172187-74040	SEAL SET, BASE PLATE	2	2	2	2	2	2		
35	4	24315-000140	O-RING, 1BP14.0	4	4	4	4	4	4		
36	4	24315-000250	O-RING, 1BP25.0	4	4	4	4	4	4		
37	4	24315-000080	O-RING, 1BP8.0	4	4	4	4	4	4		
38	4	172187-73910	O-RING	2	2	2	2	2	2		
39	4	24315-000070	O-RING, 1BP7.0	4	4	4	4	4	4		
40	4	24311-000125	O-RING, 1AP12.5	4	4	4	4	4	4		
41	4	24315-000110	O-RING, 1BP11.0	4	4	4	4	4	4		
42	2	24101-063020	BEARING, BALL 6302C3	2	2	2	2	2	2		
45	2	24315-000080	O-RING, 1BP8.0	2	2	2	2	2	2		
46	2	172187-73780	SHAFT	2	2	2	2	2	2		
47	2	172187-74050	CYLINDER BLOCK KIT	2	2	2	2	2	2		
57	2	172187-73900	BOLT	14	14	14	14	14	14		
58	2	172187-74060	KIT, VALVE	2	2	2	2	2	2		
61	3	172187-74070	SEAL SET, VALVE	2	2	2	2	2	2		
62	4	24315-000120	O-RING, 1BP12.0	4	4	4	4	4	4		
63	4	24315-000070	O-RING, 1BP7.0	2	2	2	2	2	2		
64	4	24315-000150	O-RING, 1BP15.0	4	4	4	4	4	4		
65	4	24315-000280	O-RING, 1BP28.0	4	4	4	4	4	4		
66	4	24311-000180	O-RING, 1AP18.0	4	4	4	4	4	4		
67	4	24315-000180	O-RING, 1BP18.0	4	4	4	4	4	4		
68	2	172187-73930	BOLT	8	8	8	8	8	8		
69	2	172187-74080	SEAL SET, PISTON	2	2	2	2	2	2		
74	2	24101-062064	BEARING, BALL 6206	2	2	2	2	2	2		
75	2	172187-73770	SEAL, OIL	2	2	2	2	2	2		
76	2	172187-73600	PLUG	4	4	4	4	4	4		
77	2	172187-73560	O-RING	2	2	2	2	2	2		
78	1	22217-160000	WASHER, SPRING 16	24	24	24	24	24	24		
79	1	26116-160452	BOLT, M16X 45 PLATED	24	24	24	24	24	24		

Fig.84. TURNING MOTOR



1) INCLUDE OF REFER NO.38.
2) INCLUDE OF REFER NO.54.

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

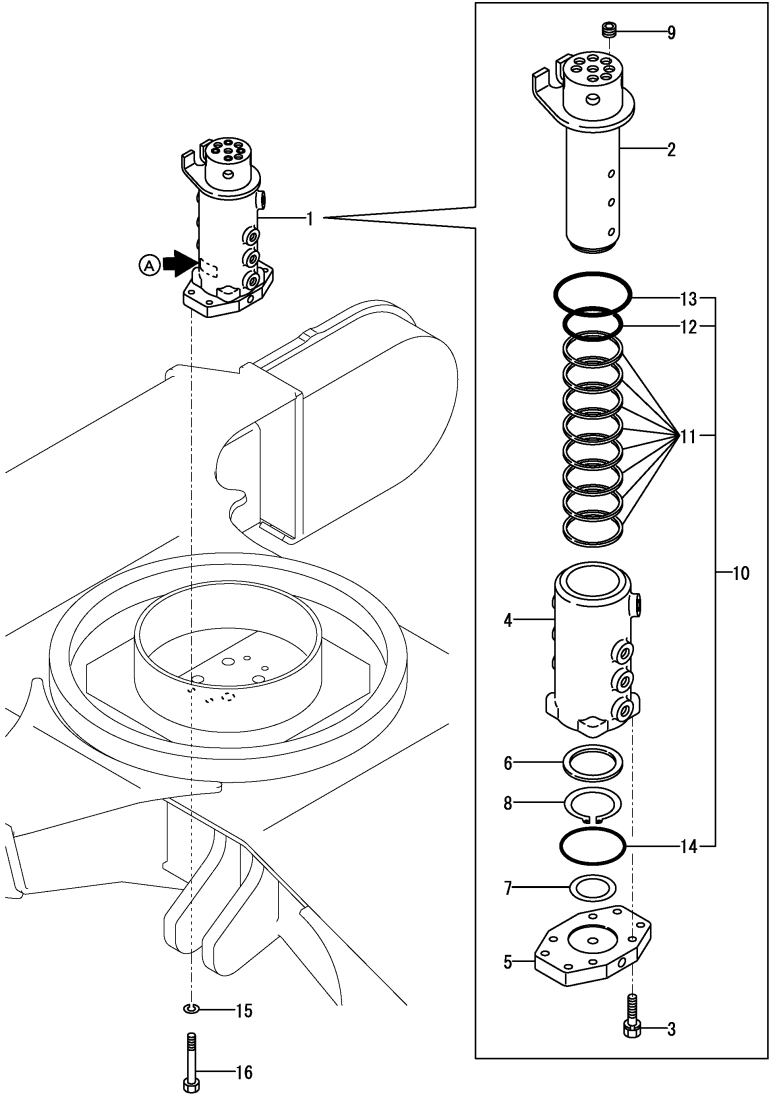
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-73310	MOTOR, TURNING	1	1	1	1	1	1		
1-1	1	172187-73311	MOTOR ASSY, TURNING	1	1	1	1	1	1		R
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
2	2	172187-73370	GEAR ASSY, REDUCTION	1	1	1	1	1	1		
4	3	172162-71490	BEARING, ROLLER	1	1	1	1	1	1		
7	3	172162-71520	SEAL, OIL	1	1	1	1	1	1		
8	3	172162-71530	BEARING, ROLLER	1	1	1	1	1	1		
21	3	172187-73380	SHAFT, PINION	1	1	1	1	1	1		
23	3	26450-120952	BOLT, M12X 95	6	6	6	6	6	6		
24	2	172187-73410	MOTOR, HYD.OIL	1	1	1	1	1	1		
24-1	2	172187-73411	MOTOR ASSY	1	1	1	1	1	1		R
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
25	3	172187-74950	MOTOR	1	1	1	1	1	1		
25-1	3	172187-74951	MOTOR	1	1	1	1	1	1	1	S
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
26	4	172162-71710	BEARING,NEEDLE	1	1	1	1	1	1		
26-1	4	172162-71711	BEARING, NEEDLE	1	1	1	1	1	1	1	R
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
38	4	172187-74960	SEAL SET, MOTOR	1	1	1	1	1	1		
38-1	4	172187-74961	SEAL SET, MOTOR	1	1	1	1	1	1	1	S
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
39	4	172176-73370	RING, TEFLON	2	2	2	2	2	2		1
40	4	172162-71740	O-RING	1	1	1	1	1	1	1	1
41	4	172162-71890	SEAL, OIL	1	1	1	1	1	1	1	1
42	4	172162-71760	O-RING	1	1	1	1	1	1	1	1
43	4	172165-73450	TEFLON RING	4	4	4	4	4	4	4	1
43-1	4	172165-73451	RING, TEFLON	4	4	4	4	4	4	4	S
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
44	4	172165-73430	BEARING	1	1	1	1	1	1	1	
49	3	172187-74970	RELEAF BLOCK ASSY	1	1	1	1	1	1	1	
49-1	3	172187-74971	RELEAF BLOCK ASSY	1	1	1	1	1	1	1	S
		(A=M/#01675)	(B=M/#01675)	(C=M/#01675)	(D=M/#01675)	(E=M/#01675)	(F=M/#01675)				
53	4	172187-73440	VALVE ASSY, RELIEF	2	2	2	2	2	2	2	
54	4	172187-74980	SEAL SET, RELIEF	1	1	1	1	1	1	1	
55	4	24315-000140	O-RING, 1BP14.0	2	2	2	2	2	2	2	2
56	4	172164-73860	O-RING	1	1	1	1	1	1	1	2
57	4	172162-71930	RING, BUCK UP	2	2	2	2	2	2	2	2
58	4	24315-000210	O-RING, 1BP21.0	2	2	2	2	2	2	2	2
59	4	24315-000260	O-RING, 1BP26.0	2	2	2	2	2	2	2	2
60	4	172162-71950	RING, BUCK UP	2	2	2	2	2	2	2	2
61	2	26450-120302	BOLT, M12X 30	4	4	4	4	4	4	4	
62	2	172162-71880	GAUGE ASSY, LEVEL	1	1	1	1	1	1	1	
63	1	172187-73340	PIPE, OIL FEED	1	1	1	1	1	1	1	
64	1	22217-160000	WASHER, SPRING 16	8	8	8	8	8	8	8	
65	1	23871-030000	PLUG, R03	1	1	1	1	1	1	1	
66	1	23871-040000	PLUG, R04	1	1	1	1	1	1	1	
67	1	26116-160502	BOLT, M16X 50 PLATED	8	8	8	8	8	8	8	
68	1	172187-73320	CONNECTOR ASSY	1	1	1	1	1	1	1	

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)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



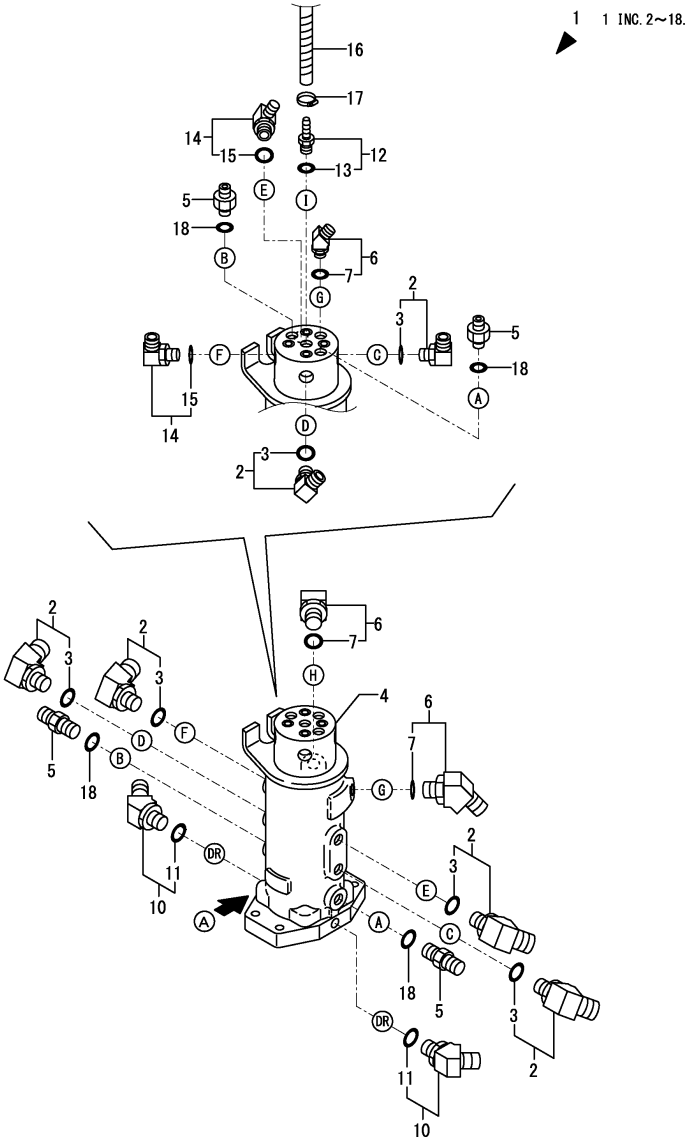
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-73800	JOINT ASSY, SWIVEL	1							
1-1	1	172187-73801	JOINT ASSY, SWIVEL	1	1	1	1	1	1		R
(A=M/#01198)											
1-2	1	172187-73801	JOINT ASSY, SWIVEL	1	1	1	1	1	1		Z 1
(A=*2017.01.) (B=*2017.01.) (C=*2017.01.) (D=*2017.01.)				(E=*2017.01.)		(F=*2017.01.)					
2	2	172147-73810	SHAFT, SWIVEL	1	1	1	1	1	1		
3	2	26013-100402	BOLT, SPRING M10X 40	4	4	4	4	4	4		
4	2	172147-73830	HUB, SWIVEL	1	1	1	1	1	1		
5	2	172147-73850	PLATE, SWIVEL	1	1	1	1	1	1		
6	2	172122-73860	SPACER, SWIVEL	1	1	1	1	1	1		
7	2	172122-73870	WASHER, THRUST	1	1	1	1	1	1		
8	2	22242-000700	RING, 70	1	1	1	1	1	1		
9	2	23871-030000	PLUG, R03	4	4	4	4	4	4		
10	2	172187-73820	SEAL SET, SWIVEL	1	1	1	1	1	1		
10-1	2	172147-73880	SEAL ASSY	1	1	1	1	1	1		N
(A=*2008.12.) (B=*2008.12.) (C=*2008.12.) (D=*2008.12.)				(E=*2008.12.)		(F=*2008.12.)					
11	3	172187-73810	SEAL, SWIVEL	8							
11-1	3	172423-73820	SEAL, SWIVEL	8	8	8	8	8	8		R
(A=M/#01198)											
11-2	3	172122-73890	SEAL, SWIVEL	8	8	8	8	8	8		N
(A=*2008.12.) (B=*2008.12.) (C=*2008.12.) (D=*2008.12.)				(E=*2008.12.)		(F=*2008.12.)					
12	3	24311-000800	O-RING, 1AP80.0	1	1	1	1	1	1		
13	3	24311-001000	O-RING, 1AP100.0	1	1	1	1	1	1		
14	3	24321-000950	O-RING, 1AG95.0	1	1	1	1	1	1		
15	1	22217-120000	WASHER, SPRING 12	4	4	4	4	4	4		
16	1	26116-120902	BOLT, M12X 90 PLATED	4	4	4	4	4	4		

Remarks
(1)A : no label.
Interchangeable by Fig.138(85A) No.1.
The inner parts of swivel joint are not compatible.

Fig.138. (85A)SWIVEL JOINT KIT(N SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

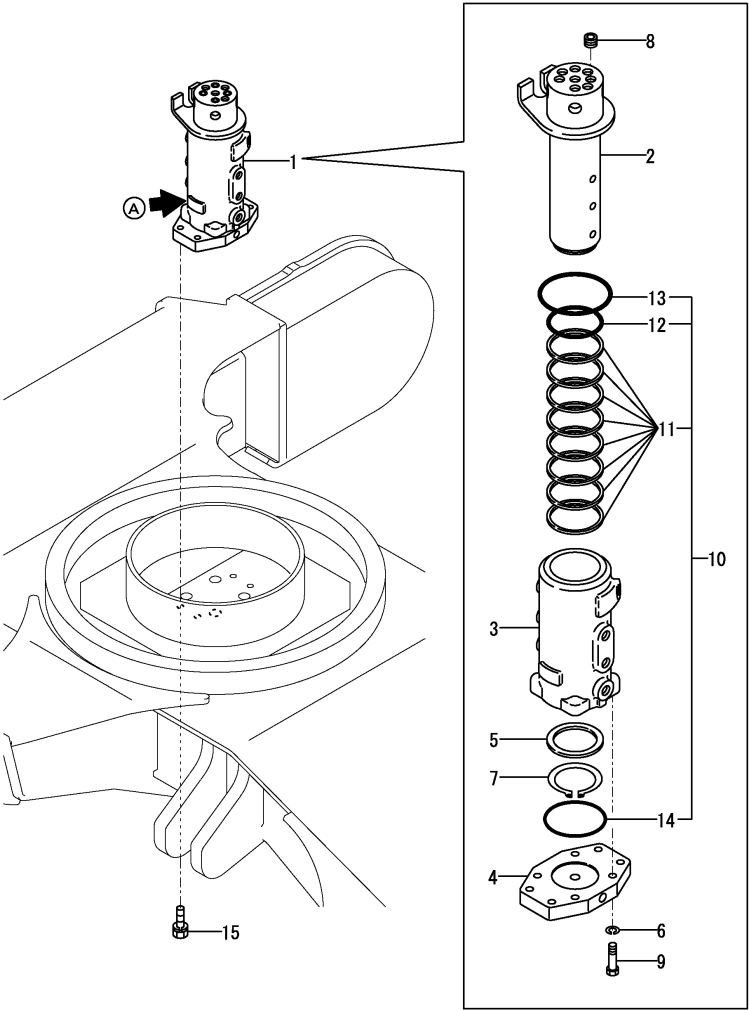


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-73400	JOINT ASSY, SWIVEL (A=*2017.01.) (B=*2017.01.) (C=*2017.01.) (D=*2017.01.)	1	1	1	1	1	1	W	1
2	2	1D4180-22850	ELBOW, 45 PF1/2	6	6	6	6	6	6		
3	3	24315-000180	O-RING, 1BP18.0	6	6	6	6	6	6		
4	2	172A65-73800	JOINT ASSY, SWIVEL	1	1	1	1	1	1		2
5	2	172730-75141	ADAPTER	4	4	4	4	4	4		
6	2	172173-76102	CONNECTOR ASSY	3	3	3	3	3	3		
7	3	41851-000110	O-RING	1	1	1	1	1	1		
10	2	172644-76161	ELBOW, ADJUST	2	2	2	2	2	2		
11	3	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
12	2	172A65-76700	CONNECTOR, G3/8	1	1	1	1	1	1		
13	3	41851-000140	O-RING	1	1	1	1	1	1		
14	2	172141-76900	CONNECTOR ASSY	2	2	2	2	2	2		
15	3	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1		
16	2	172A69-78250	HOSE	1	1	1	1	1	1		
17	2	23001-016000	CLAMP, HOSE 16	1	1	1	1	1	1		
18	2	41851-000140	O-RING	4	4	4	4	4	4		

Remarks
(1)A : 'NACHI' label.
Interchangeable from Y specification.
The inner parts of swivel joint are not compatible.
(2)Inner parts are shown in Fig.139(85B).

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

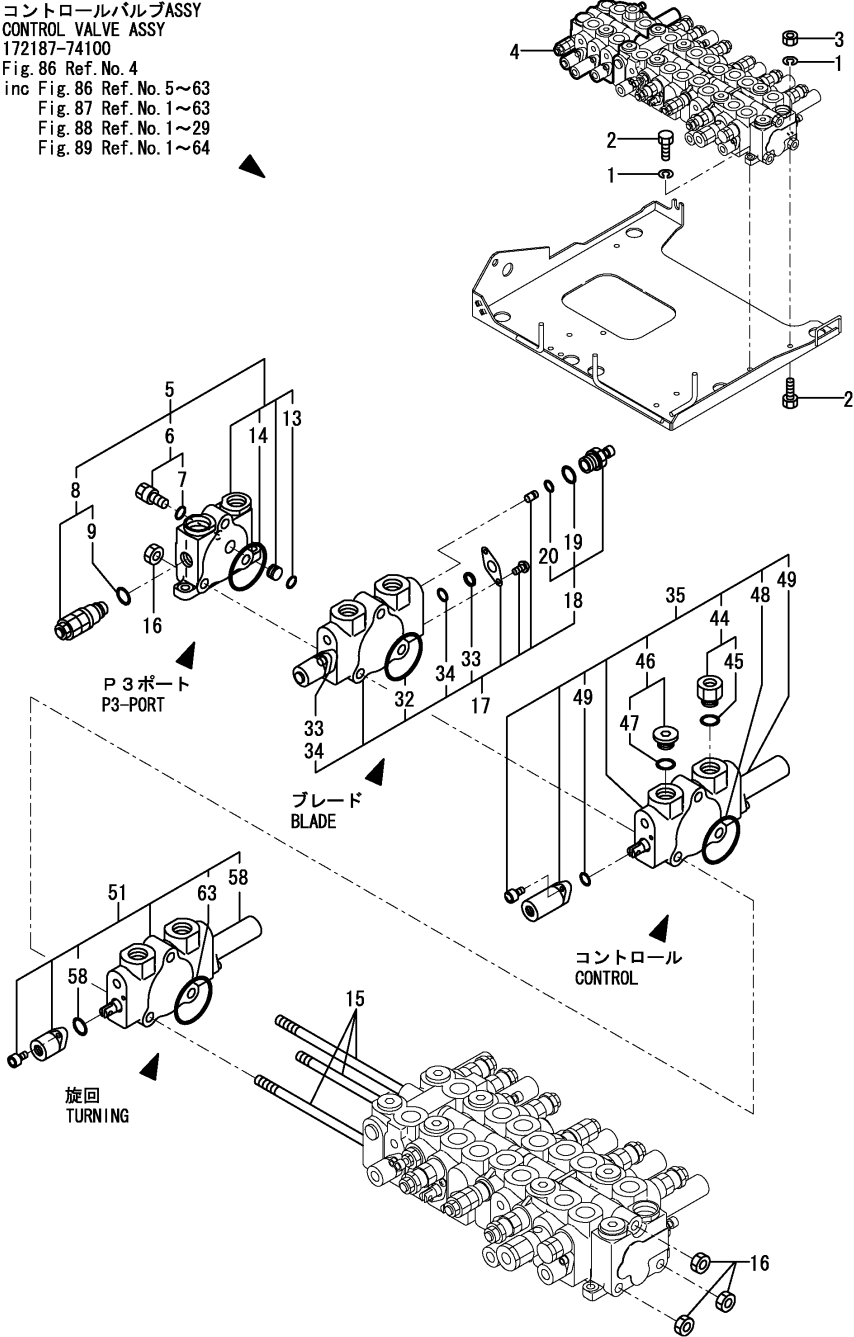


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A65-73800	JOINT ASSY, SWIVEL (A=*2017.01.) (B=*2017.01.) (C=*2017.01.) (D=*2017.01.)	1	1	1	1	1	1	W	1
2	2	172A65-73810	SHAFT ASSY	1	1	1	1	1	1		
3	2	172A65-73840	ROTOR	1	1	1	1	1	1		
4	2	172A65-73850	FLANGE	1	1	1	1	1	1		
5	2	172A65-73860	SPACER	1	1	1	1	1	1		
6	2	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
7	2	22242-000720	RING, 72	1	1	1	1	1	1		
8	2	23871-030000	PLUG, R03	4	4	4	4	4	4		
9	2	26076-100402	BOLT, 10.910X 40	4	4	4	4	4	4		
10	2	172A65-73880	SEAL KIT	1	1	1	1	1	1		
11	3	172A65-73870	SEAL	8	8	8	8	8	8		
12	3	24315-000800	O-RING, 1BP80.0	1	1	1	1	1	1		
13	3	24315-001000	O-RING, 1BP100.0	1	1	1	1	1	1		
14	3	24325-000950	O-RING, 1BG95.0	1	1	1	1	1	1		
15	1	26013-120402	BOLT, SPRING M12X 40	4	4	4	4	4	4		

Remarks
(1)A : 'NACHI' label.

Fig.86. CONTROL VALVE(1)

コントロールバルブASSY
CONTROL VALVE ASSY
172187-74100
Fig. 86 Ref. No. 4
inc Fig. 86 Ref. No. 5~63
Fig. 87 Ref. No. 1~63
Fig. 88 Ref. No. 1~29
Fig. 89 Ref. No. 1~64



				OCK10-M33003 Fig.86							
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P				
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	22217-100000	WASHER, SPRING 10	3	3	3	3	3	3		
2	1	26116-100302	BOLT, M10X 30 PLATED	3	3	3	3	3	3		
3	1	26702-100002	NUT, M10	1	1	1	1	1	1		
4	1	172187-74100	VALVE CMP, CONTROL	1	1	1	1	1	1		
5	2	172187-74820	P3 PORT ASY	1	1	1	1	1	1		
6	3	172187-74120	PLUG	1	1	1	1	1	1	1	W
(A=M/#00501)											
7	4	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
8	3	172187-74150	VALVE, RELIEF	1	1	1	1	1	1	1	W
(A=M/#00501)											
9	4	172116-74150	O-RING	1	1	1	1	1	1		
13	4	24315-000120	O-RING, 1BP12.0	1	1	1	1	1	1		
14	4	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
15	2	172187-74490	ROD, TIE	3	3	3	3	3	3		
16	2	26716-100002	NUT, M10	6	6	6	6	6	6		
17	2	172187-74870	SECTION ASSY, BLADE	1	1	1	1	1	1	1	
18	3	172146-74720	VALVE ASSY, SHUT-OFF	1	1	1	1	1	1	1	W
(A=M/#00501)											
19	4	172116-74150	O-RING	1	1	1	1	1	1		
20	4	24311-240100	O-RING, 1AP10A	1	1	1	1	1	1	1	
32	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1	1	
33	3	933166-80520	WIPER	2	2	2	2	2	2	2	
34	3	933171-80610	O-RING	2	2	2	2	2	2	2	
35	2	172187-74230	SECTION ASSY, SPOOL	1							
35-1	2	172187-74231	SECTION ASSY, SPOOL	1							N
(A=M/#00748)											
35-2	2	172187-74232	SECTION ASSY, SPOOL	1	1	1	1	1	1	1	N
(A=M/#00812)											
44	3	172187-74300	PLUG	1	1	1	1	1	1	1	W
(A=M/#00501)											
45	4	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1	1	
46	3	172187-74550	PLUG ASSY	1	1	1	1	1	1	1	W
(A=M/#00501)											
47	4	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1	1	
48	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1	1	
49	3	172151-74320	O-RING	2	2	2	2	2	2	2	
51	2	172187-74310	SECTION ASSY, SPOOL	1							
51-1	2	172187-74311	SECTION ASSY, SPOOL	1	1	1	1	1	1	1	N
(A=M/#00812)											
58	3	172151-74320	O-RING	2	2	2	2	2	2	2	
63	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1	1	

N:Old

Yes

No

New, Q:Old

No

Yes

New, R:Old

Yes

No

New, S:Old

No

Yes

New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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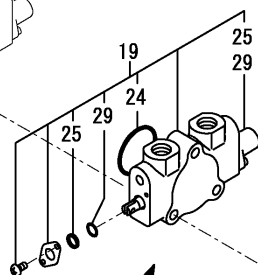
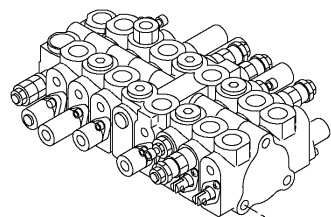
Fig.87. CONTROL VALVE(2)

コントロールバルブ ASSY
CONTROL VALVE ASSY
172187-74100
Fig. 86 Ref. No. 4
inc Fig. 86 Ref. No. 5~63
Fig. 87 Ref. No. 1~63
Fig. 88 Ref. No. 1~29
Fig. 89 Ref. No. 1~64

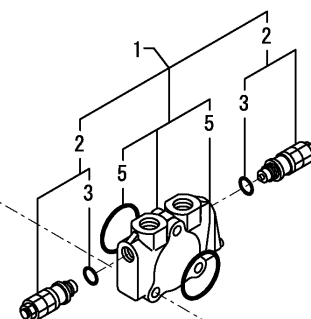
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172187-74880	SECTION ASSY, ARM	1	1	1	1	1	1		
2	3	172187-74140	VALVE ASSY, RELIEF	2	2	2	2	2	2	W	
(A=M/#00501)											
3	4	172116-74150	O-RING	2	2	2	2	2	2		
12	4	172151-74320	O-RING	2	2	2	2	2	2		
19	3	172187-74540	PLUG ASSY	1	1	1	1	1	1	W	
(A=M/#00501)											
20	4	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
21	3	172187-74550	PLUG ASSY	2	2	2	2	2	2	W	
(A=M/#00501)											
22	4	24315-000150	O-RING, 1BP15.0	2							M
22-1	4	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
23	3	172187-74530	PLUG ASSY	2	2	2	2	2	2	W	
(A=M/#00501)											
24	4	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
25	3	24316-000090	O-RING, 4DP9.0	1							Z
(A=M/#00812)											
26	3	24316-240100	O-RING, 4DP10A	1	1	1	1	1	1		
27	2	172187-74890	SECTION ASSY, PTO	1	1	1	1	1	1		
38	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
39	3	933166-80520	WIPER	2	2	2	2	2	2		
40	4	933171-80610	O-RING	2	2	2	2	2	2		
41	3	172187-74550	PLUG ASSY	2	2	2	2	2	2	W	
(A=M/#00501)											
42	4	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
43	3	172146-74720	VALVE ASSY, SHUT-OFF	2	2	2	2	2	2	W	
(A=M/#00501)											
44	4	172116-74150	O-RING	2	2	2	2	2	2		
45	4	24311-240100	O-RING, 1AP10A	2	2	2	2	2	2		
46	2	172187-74900	SECTION ASSY, SWING	1	1	1	1	1	1		
47	3	172187-74140	VALVE ASSY, RELIEF	2	2	2	2	2	2	W	
(A=M/#00501)											
48	4	172116-74150	O-RING	2	2	2	2	2	2		
61	3	933166-80520	WIPER	2	2	2	2	2	2		
62	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
63	3	933171-80610	O-RING	2	2	2	2	2	2		
64	1	172422-74900	VALVE ASSY, RELIEF	1	1						1
(A=XXX)											

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

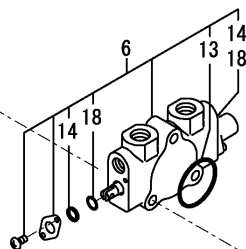
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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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



P1ポート
P1-PORT



走行(左)
DRIVE (L)

No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	2	172187-74830	P1 PORT ASY	1	1	1	1	1	1	
2	3	172187-74160	VALVE, RELIEF	2	2	2	2	2	2	W
(A=M/#00501)										
3	4	172116-74150	O-RING	2	2	2	2	2	2	
5	4	24321-000650	O-RING, 1AG65.0	2	2	2	2	2	2	
6	2	172187-74400	SECTION ASSY, SPOOL	1	1	1	1	1	1	
13	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1	
14	3	933166-80520	WIPER	2	2	2	2	2	2	
18	3	933171-80610	O-RING	2	2	2	2	2	2	
19	2	172187-74380	SECTION ASSY, SPOOL	1	1	1	1	1	1	
24	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1	
25	3	933166-80520	WIPER	2	2	2	2	2	2	
29	3	933171-80610	O-RING	2	2	2	2	2	2	

Fig.89. CONTROL VALVE(4)

CONTROL VALVE ASSY
172187-74100
Fig. 86 Ref. No. 4
inc Fig. 86 Ref. No. 5~63
Fig. 87 Ref. No. 1~63
Fig. 88 Ref. No. 1~29
Fig. 89 Ref. No. 1~64

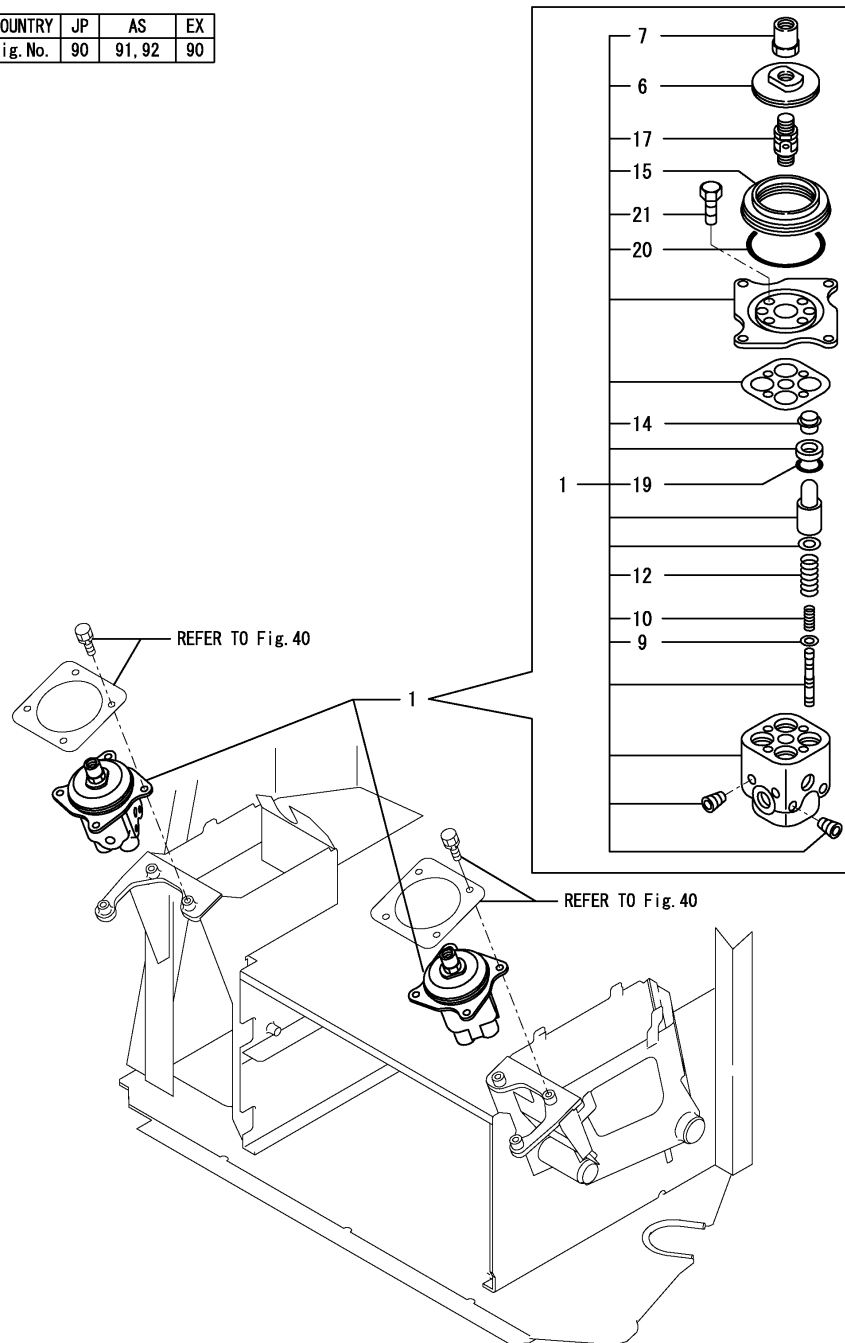
ブーム
BOOM

バケット
BUCKET

Tポート
T-PORT

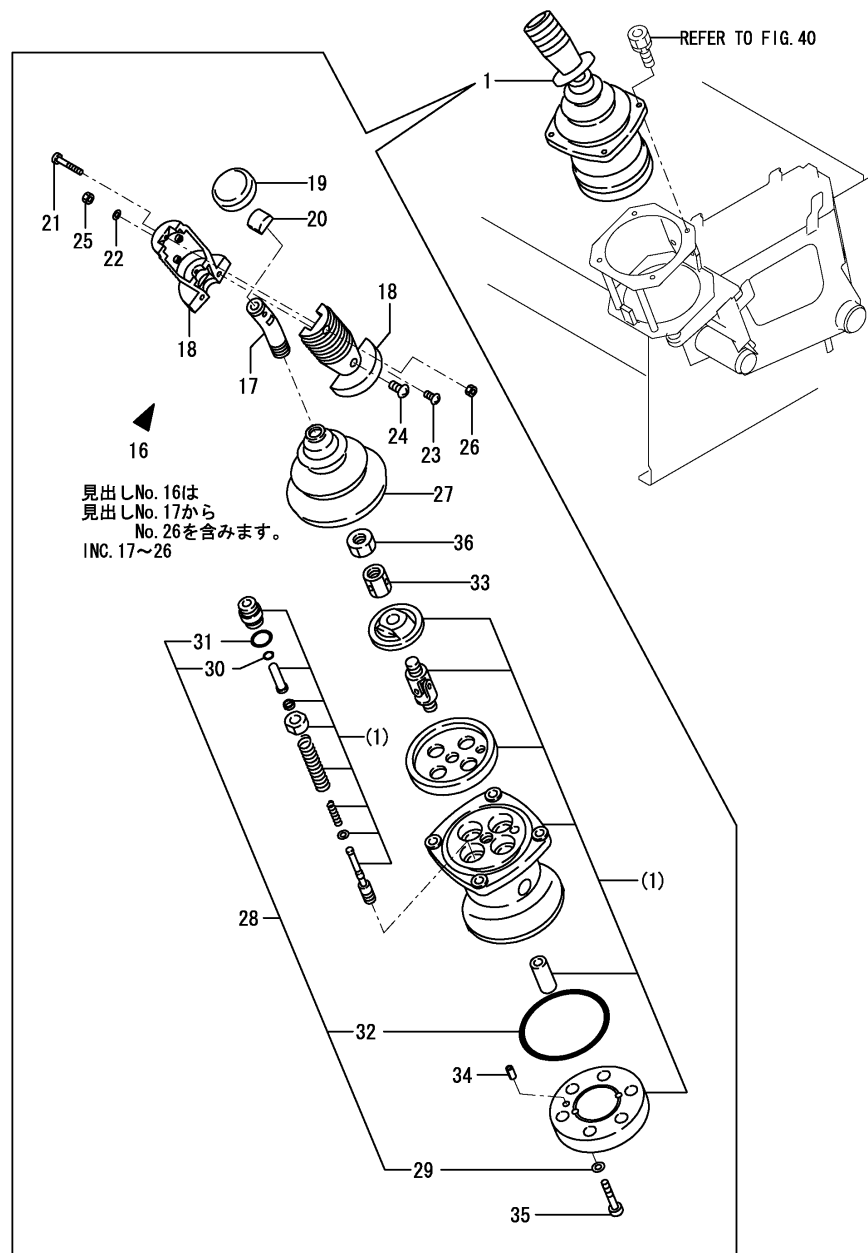
No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C			(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172187-74840	SECTION ASSY, BOOM	1	1	1	1	1	1		
2	3	172187-74140	VALVE ASSY, RELIEF	2	2	2	2	2	2	W	
(A=M/#00501)											
3	4	172116-74150	O-RING	2	2	2	2	2	2		
11	4	172151-74320	O-RING	2	2	2	2	2	2		
25	4	24311-000200	O-RING, 1AP20.0	2	2	2	2	2	2		
26	4	24316-000090	O-RING, 4DP9.0	1							Z
(A=M/#00812)											
27	4	24316-240100	O-RING, 4DP10A	2							
27-1	4	24316-240100	O-RING, 4DP10A	1	1	1	1	1	1	1	K
(A=M/#00812)											
28	4	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
29	4	172116-74430	O-RING	1	1	1	1	1	1		
30	3	172187-74690	PLUG ASSY	1	1	1	1	1	1	1	W
(A=M/#00501)											
31	4	172312-74770	O-RING	1	1	1	1	1	1		
32	3	172187-74540	PLUG ASSY	1	1	1	1	1	1	1	W
(A=M/#00501)											
33	4	24315-000140	O-RING, 1BP14.0	1	1	1	1	1	1		
34	3	172187-74550	PLUG ASSY	2	2	2	2	2	2	2	W
(A=M/#00501)											
35	4	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
36	2	172187-74850	SECTION ASSY, BUCKET	1	1	1	1	1	1	1	
37	3	172187-74130	VALVE, ANTI-VOIDE	1	1	1	1	1	1	1	W
(A=M/#00501)											
38	4	172116-74150	O-RING	1	1	1	1	1	1		
39	3	172187-74140	VALVE ASSY, RELIEF	1	1	1	1	1	1	1	W
(A=M/#00501)											
40	4	172116-74150	O-RING	1	1	1	1	1	1		
49	3	172151-74320	O-RING	2	2	2	2	2	2		
54	3	24321-000650	O-RING, 1AG65.0	1	1	1	1	1	1		
55	2	172187-74860	T-PORT	1	1	1	1	1	1		
56	3	172187-74550	PLUG ASSY	1	1	1	1	1	1	1	W
(A=M/#00501)											
57	4	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1		
58	3	172146-74720	VALVE ASSY, SHUT-OFF	1	1	1	1	1	1	1	W
(A=M/#00501)											
59	4	172116-74150	O-RING	1	1	1	1	1	1		
60	4	24311-240100	O-RING, 1AP10A	1	1	1	1	1	1		
64	4	24315-000120	O-RING, 1BP12.0	1	1	1	1	1	1		

COUNTRY	JP	AS	EX
Fig. No.	90	91, 92	90



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-74600	REMO-CON VALVW ASSY	2	2			2	2		
6	2	172164-74620	DISK	2	2			2	2		
7	2	172164-74630	NUT	2	2			2	2		
9	2	172151-74860	SHIM(COUNT. SET	8	8			8	8		
12	2	172151-74890	SP (SYN.	8	8			8	8		
14	2	172151-74910	SEAL	8	8			8	8		
15	2	172151-74930	BOOT	2	2			2	2		
17	2	172151-74950	UNION	2	2			2	2		
19	2	24311-000200	O-RING, 1AP20.0	8	8			8	8		
20	2	24321-000700	O-RING, 1AG70.0	2	2			2	2		
21	2	26116-060202	BOLT, M6X 20 PLATED	8	8			8	8		

COUNTRY	JP	AS	EX
Fig. No.	90	91	90



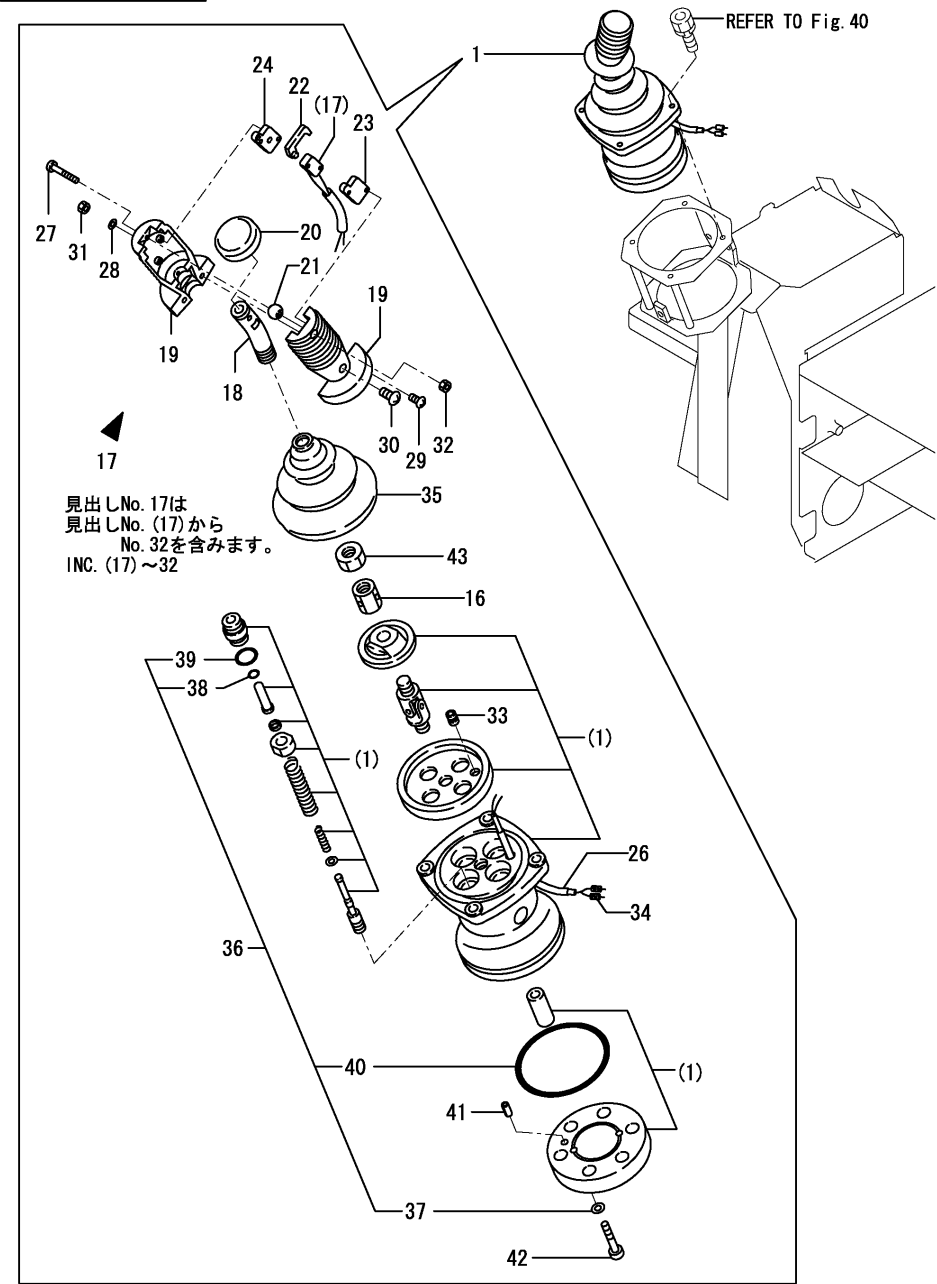
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-74750	VALVE ASSY (L, EP			1	1				
16	2	172165-74340	HANDLE, SUB			1	1				
17	3	172151-73510	BAR, HANDLE			1	1				
18	3	172151-73520	HANDLE			2	2				
19	3	172151-73530	HANDLE, CAP			1	1				
20	3	172151-73640	CAP			1	1				
21	3	172151-73660	SCREW, 4X30			1	1				
22	3	22137-040000	WASHER, 4			2	2				
23	3	26553-040102	SCREW 4X10			2	2				
24	3	26553-050082	SCREW, M5X 8			2	2				
25	3	26716-040002	NUT, M4			2	2				
26	3	26716-040002	NUT, M4			1	1				
27	2	172151-73620	BELLOWS			1	1				
28	2	172151-73630	SEAL SET			1	1				
29	3	172151-73360	SEAL WASHER			2	2				
30	3	172151-73420	SEAL			4	4				
31	3	24315-000200	O-RING, 1BP20.0			4	4				
32	3	24341-000900	O-RING, 1AS90.0			1	1				
33	2	172151-73650	NUT, ADJUST			1	1				
34	2	22351-050010	PIN, SPRING 5.0X10			1	1				
35	2	26450-080302	BOLT, M8X 30			2	2				
36	2	26756-140002	NUT, LOCK M14			1	1				

Fig.92. REMOTE CONTROL VALVE(AS : R)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

COUNTRY	JP	AS	EX
Fig.No.	90	92	90

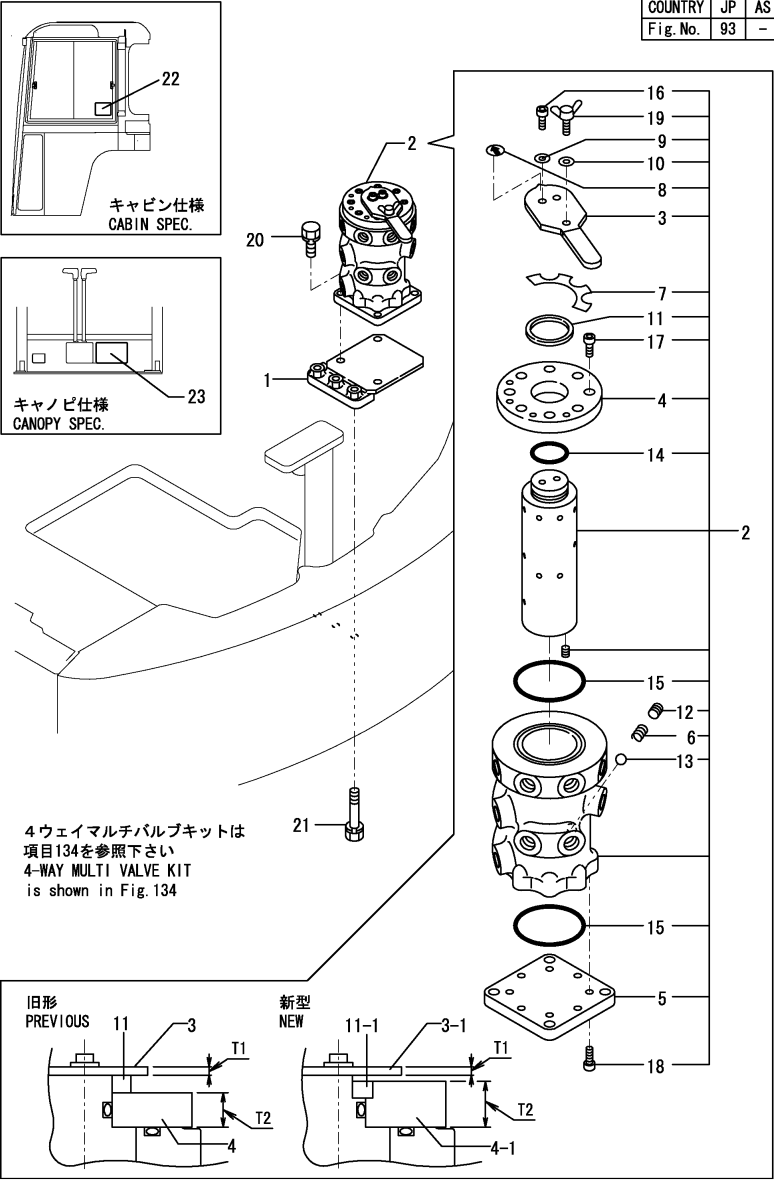


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-74760	VALVE ASSY (R, EP			1	1				
16	2	172151-73500	NUT, ADJUST			1	1				
17	2	172165-74350	HANDLE, SUB			1	1				
18	3	172151-73510	BAR, HANDLE			1	1				
19	3	172151-73520	HANDLE			2	2				
20	3	172151-73530	HANDLE, CAP			1	1				
21	3	172151-73540	ROLLER			1	1				
22	3	172151-73550	LEVER, SWITCH			1	1				
23	3	172151-73560	SEAT, SWITCH			1	1				
24	3	172151-73570	SEAT, SWITCH			1	1				
26	3	172151-73600	TUBE			1	1				
27	3	172151-73660	SCREW, 4X30			1	1				
28	3	22137-040000	WASHER, 4			2	2				
29	3	26553-040102	SCREW 4X10			2	2				
30	3	26553-050082	SCREW, M5X 8			2	2				
31	3	26716-040002	NUT, M4			2	2				
32	3	26716-040002	NUT, M4			1	1				
33	2	172151-73590	BUSH			1	1				
34	2	172151-73610	TERMINAL			2	2				
35	2	172151-73620	BELLOWS			1	1				
36	2	172151-73630	SEAL SET			1	1				
37	3	172151-73360	SEAL WASHER			2	2				
38	3	172151-73420	SEAL			4	4				
39	3	24315-000200	O-RING, 1BP20.0			4	4				
40	3	24341-000900	O-RING, 1AS90.0			1	1				
41	2	22351-050010	PIN, SPRING 5.0X10			1	1				
42	2	26450-080302	BOLT, M8X 30			2	2				
43	2	26756-140002	NUT, LOCK M14			1	1				

Fig.93. 4-WAY ROTARY VALVE(MULTI CHANGE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

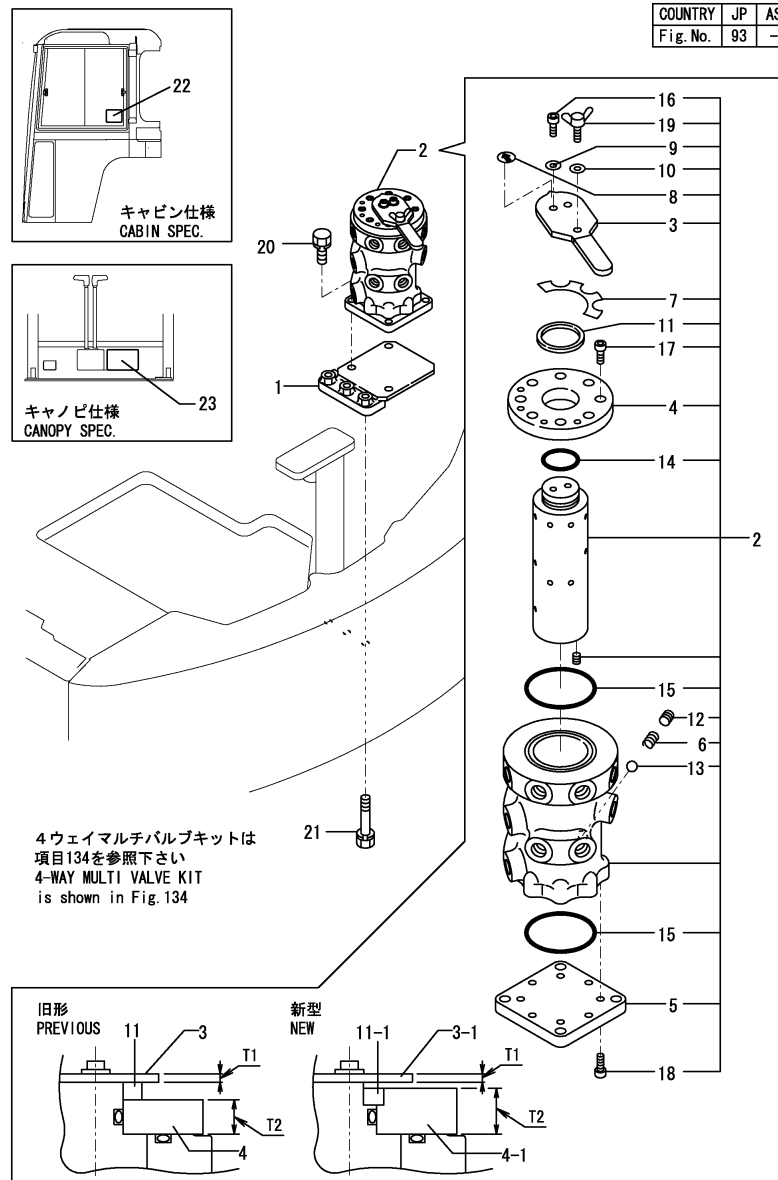
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-74200	BRACKET ASSY, MULTI	1	1						
2	1	172151-74600	VALVE CMP,MULTICHNG.	1							
2-1	1	172151-74601	VALVE	1	1					N	
(A=M/#01030)											
3	2	172151-74700	LEVER	1							
3-1	2	182900-77250	LEVER	1	1					S	3
(A=M/#01030)											
4	2	172151-74710	COVER	1							
4-1	2	182900-77220	COVER	1	1					S	4
(A=M/#01030)											
5	2	172151-74720	COVER	1							
5-1	2	182900-16530	COVER	1	1					N	
(A=M/#01030)											
6	2	172151-74730	SPRING	1							
6-1	2	182900-22300	SPRING	1	1					N	
(A=M/#01030)											
7	2	172151-74740	PLATE, MARK	1							
8	2	172151-74750	PLATE, MARK	1						Z	
(A=M/#01030)											
9	2	172151-74760	WASHER	2							
9-1	2	953KM0-00220	WASHER	2	2					N	
(A=M/#01030)											
10	2	172151-74760	WASHER	1							
10-1	2	953KM0-00220	WASHER	1	1					N	
(A=M/#01030)											
11	2	172151-74770	GASKET, CYL. HEAD	1							
11-1	2	182900-77210	DUST SEAL	1	1					S	
(A=M/#01030)											
12	2	23871-010000	PLUG, R01	1							
12-1	2	953KM0-10894	PLUG	1	1					N	
(A=M/#01030)											
13	2	24190-100001	BALL, STEEL 5/16	1	1						
14	2	24311-000280	O-RING, 1AP28.0	1	1						
15	2	24321-000600	O-RING, 1AG60.0	2	2						
16	2	26450-060162	BOLT, M6X 16	2							
16-1	2	182900-77240	BOLT	2	2					S	
(A=M/#01030)											
17	2	26450-060162	BOLT, M6X 16	8							
17-1	2	182900-77200	BOLT	8	8					S	
(A=M/#01030)											
18	2	26450-060162	BOLT, M6X 16	8	8						
18-1	2	182900-77190	BOLT	8	8					N	
(A=M/#01030)											
19	2	26647-060202	BOLT, WING M6X20	1							
19-1	2	182900-77230	WING BOLT	1	1					N	
(A=M/#01030)											
20	1	26013-100252	BOLT, M10X 25	3	3						
21	1	26013-100502	BOLT, M10X 50	3	3						
22	1	172165-03471	LABEL	1	1						1
23	1	172151-03550	LABEL,PATTERN B	1	1						2
23-1	1	172151-03551	LABEL	1	1						R 2

Remarks
1)CABIN SPEC.
2)CANOPY SPEC.
3)T1=NO.3 6MM , NO.3-1 3.2MM
4)T2=NO.4 12.7MM , NO.4-1 18.5MM

COUNTRY	JP	AS	EX
Fig. No.	93	-	-



1)CABIN SPEC.
2)CANOPY SPEC.
3)T1=NO.3 6MM , NO.3-1 3.2MM
4)T2=NO.4 12.7MM , NO.4-1 18.5MM

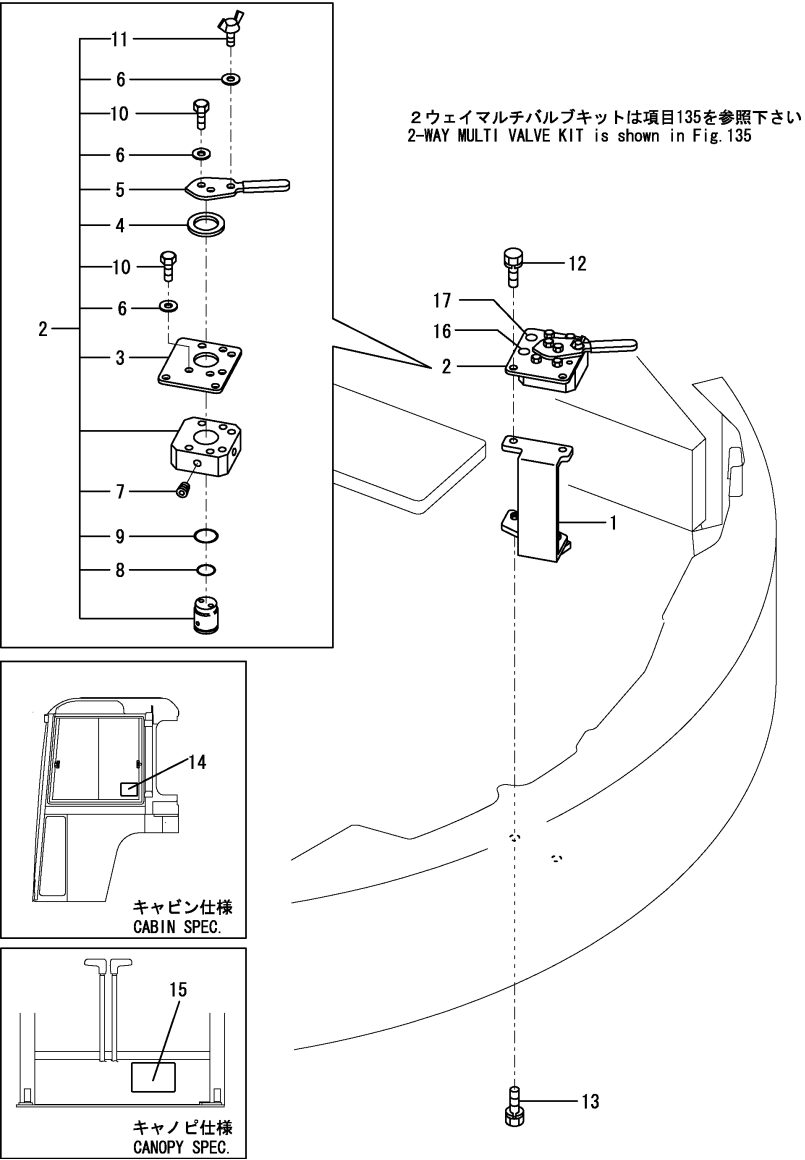
[illegible]

Fig.94. 2-WAY ROTARY VALVE(MULTI CHANGE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

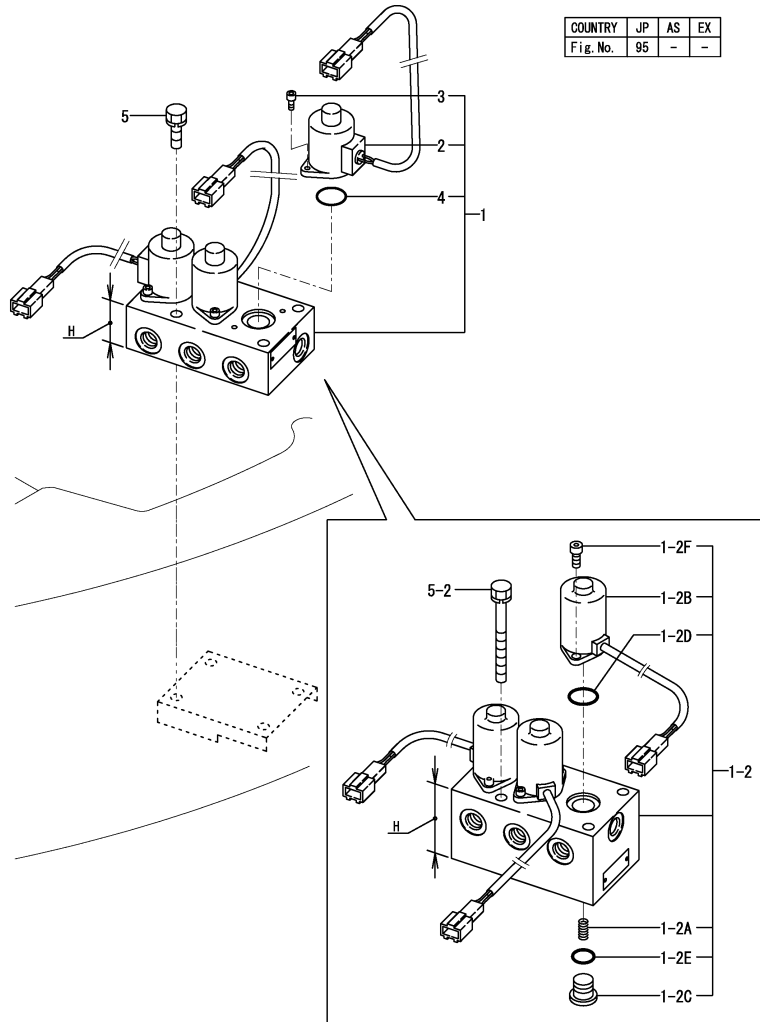
COUNTRY	JP	AS	EX
Fig. No.	94	-	-



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-74490	MOUNT,2WAY	1	1						
2	1	172173-74600	2-WAY MULTI-VALVE	1	1						
3	2	172173-74610	PLATE	1	1						
4	2	172175-74720	GASKET	1	1						
5	2	172175-74730	LEVER	1	1						
6	2	172151-74760	WASHER	7	7						
7	2	23871-010000	PLUG, R01	8	8						
8	2	24311-000250	O-RING, 1AP25.0	1	1						
9	2	24311-000320	O-RING, 1AP32.0	1	1						
10	2	26116-060162	BOLT, M6X 16 PLATED	6	6						
11	2	26647-060202	BOLT, WING M6X20	1	1						
12	1	26013-080252	BOLT, M8X 25	2	2						
13	1	26013-100502	BOLT, M10X 50	2	2						
14	1	172175-03550	LABEL(2-WAY	1	1						1
15	1	172173-03550	LABEL (2-WAY	1	1						W 2
(A=MI#01106)											
16	1	172173-03560	LABEL (YANMAR	1	1						
17	1	172173-03570	LABEL (KOMATSU	1	1						

Remarks
1)CABIN SPEC.
2)CANOPY SPEC.

Fig.95. SOLENOID VALVE(CRANE)

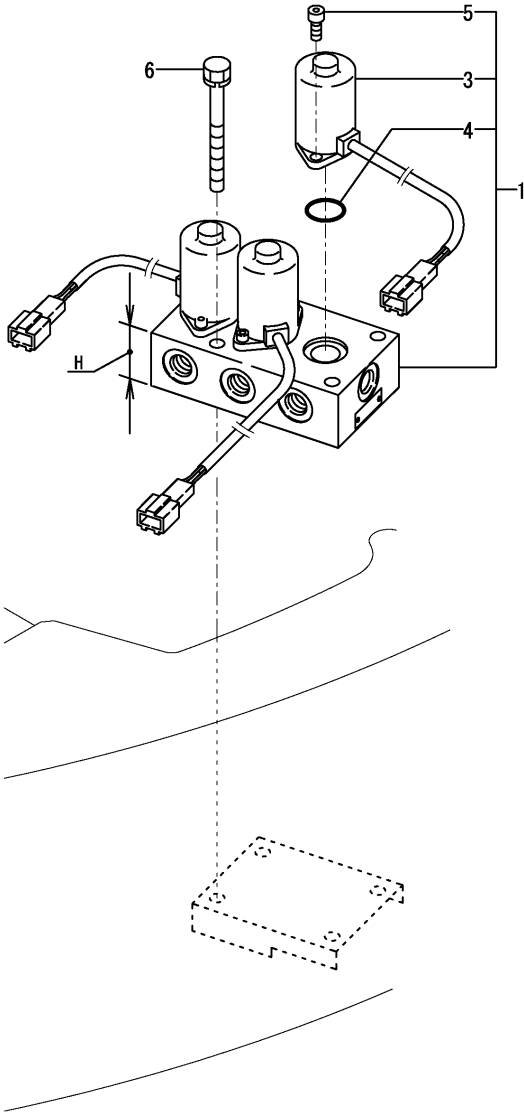


Remarks
(1) Ref.No.1-1 H=41mm,
Ref.No.1-2 H=67mm.
Interchangeable by simultaneous
replacement with Ref.No.5-2.
Refer to Fig.137 for spare parts.
Refer.No.1-1 : Interchangeable by
simultaneous replacement with Fig.137
Ref.No.1.
Refer.No.1-2 : Interchangeable by
simultaneous replacement with Fig.137
Ref.No.1 & No.6.

				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C	(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-77110	VALVE,SOLENOID	1	1						
1-1	1	172187-77111	VALVE, SOLENOID	1	1					N	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2	1	172A46-74700	VALVE ASY,SOL	1	1					F	1
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2A	2	172A46-74710	SPRING	3	3					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2B	2	172A46-74720	VALVE, SOLENOID	3	3					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2C	2	172A46-74730	PLUG	3	3					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2D	2	24311-000160	O-RING, 1AP16.0	3	3					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2E	2	24315-000110	O-RING, 1BP11.0	3	3					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
1-2F	2	26450-050122	BOLT, M5X 12	6	6					W	
		(A=MZZZZZ)	(B=MZZZZZ)								
2	2	172649-74040	SOLENOID	3	3					Z	
		(A=MZZZZZ)	(B=MZZZZZ)								
3	2	26450-040102	BOLT, M4X 10	6	6					Z	
		(A=MZZZZZ)	(B=MZZZZZ)								
4	2	24311-000220	O-RING, 1AP22.0	3	3					Z	
		(A=MZZZZZ)	(B=MZZZZZ)								
5	1	26013-080602	BOLT, M8X 60	4	4						
5-1	1	26013-080552	BOLT, M8X 55	3	3					N	
		(A=MZZZZZ)	(B=MZZZZZ)								
5-2	1	26013-080802	BOLT, M8X 80	3	3					S	
		(A=MZZZZZ)	(B=MZZZZZ)								

Fig.137. (95A)SOLENOID VALVE(CRANE SPEC.)

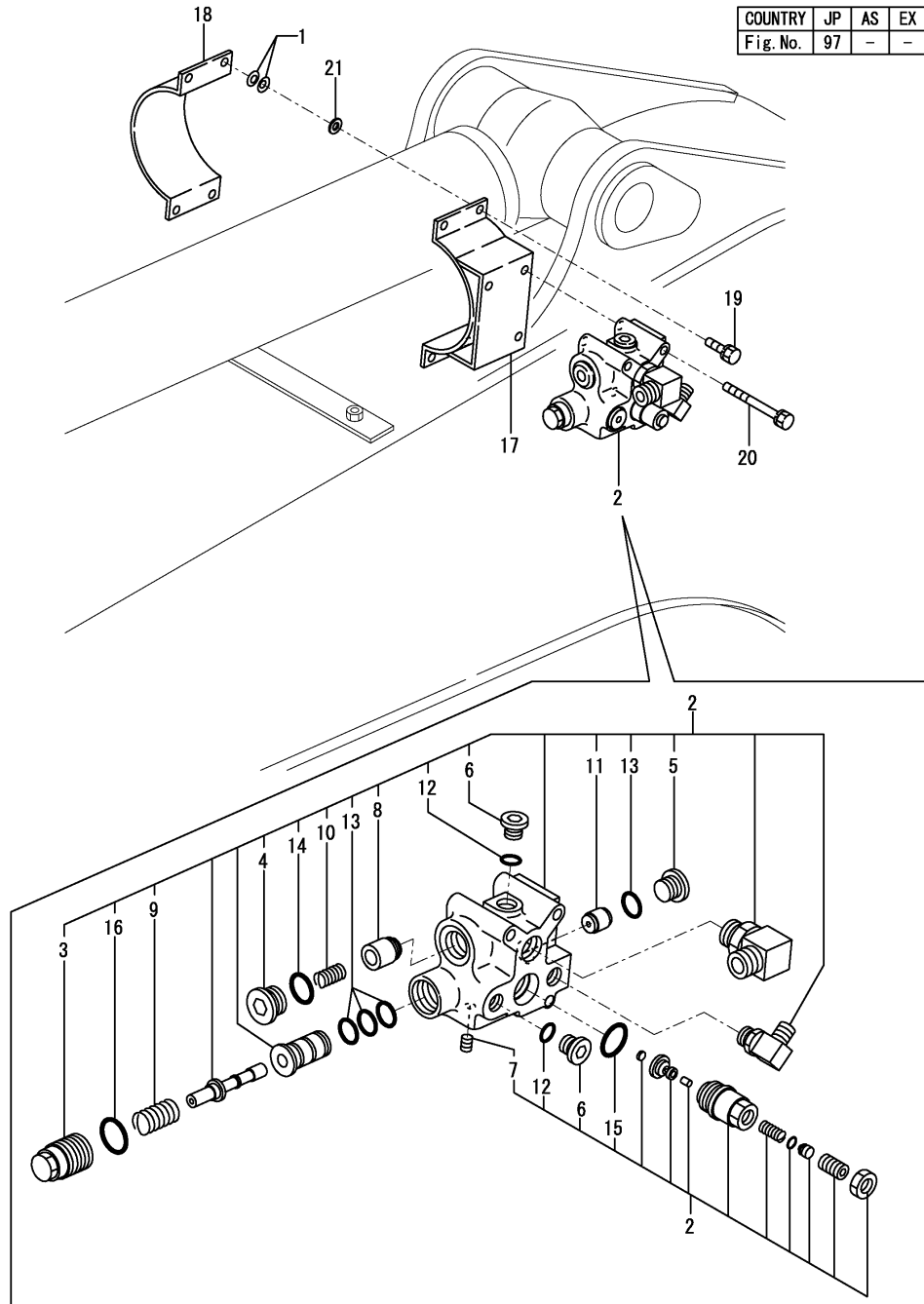
COUNTRY	JP	AS	EX
Fig. No.	137	-	-



Remarks
(1)H=39mm.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-77112	VALVE ASSY, SOLENOID	1	1						1
3	2	172A46-74720	VALVE, SOLENOID	3	3						
4	2	24311-000160	O-RING, 1AP16.0	3	3						
5	2	26450-050102	BOLT, M5X 10	6	6						
6	1	26013-080552	BOLT, M8X 55	3	3						



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172068-28490	SPRING	8	8						
2	1	172187-77090	VALVE,HOLD(ARM)	1	1						
3	2	172455-77110	PLUG	1	1						W
4	2	172455-77120	PLUG	1	1						W
5	2	172455-77130	PLUG	1	1						W
6	2	172455-77140	PLUG	2	2						W
7	2	172455-77150	PLUG	1	1						W
8	2	172455-77160	POPPET	1	1						W
9	2	172455-77170	SPRING	1	1						W
10	2	172455-77180	SPRING	1	1						W
11	2	172455-77190	PISTON	1	1						W
12	2	24315-000110	O-RING, 1BP11.0	2	2						W
13	2	24315-000160	O-RING, 1BP16.0	4	4						W
14	2	24315-000200	O-RING, 1BP20.0	1	1						W
15	2	24315-000220	O-RING, 1BP22.0	1	1						W
16	2	24315-350220	O-RING, 1BP22A	1	1						W
17	1	172187-77200	BAND, ARM	1	1						
18	1	172187-77230	BAND, ARM	1	1						
19	1	26013-080252	BOLT, M8X 25	4	4						
20	1	26013-080752	BOLT, M8X 75	3	3						
21	1	22137-080000	WASHER, 8	4	4						

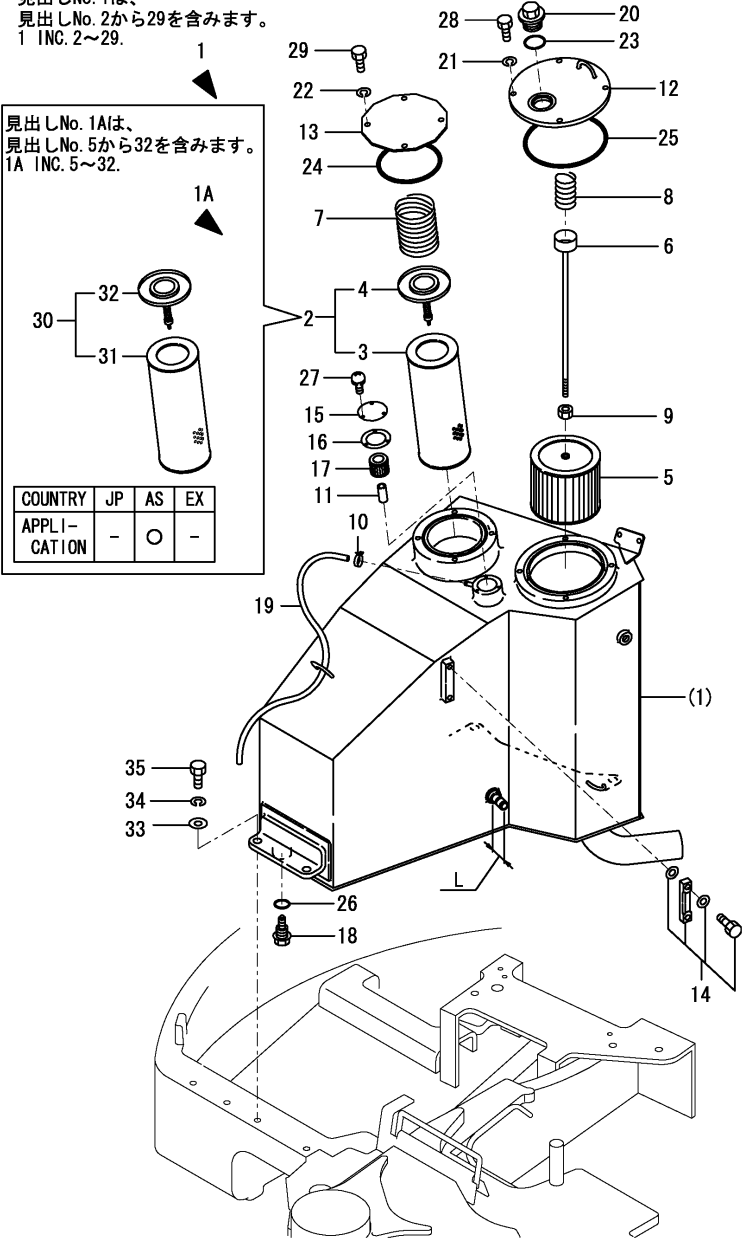
Fig.98. HYD. OIL TANK

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

見出しNo. 1は、
見出しNo. 2から29を含みます。
1 INC. 2~29.

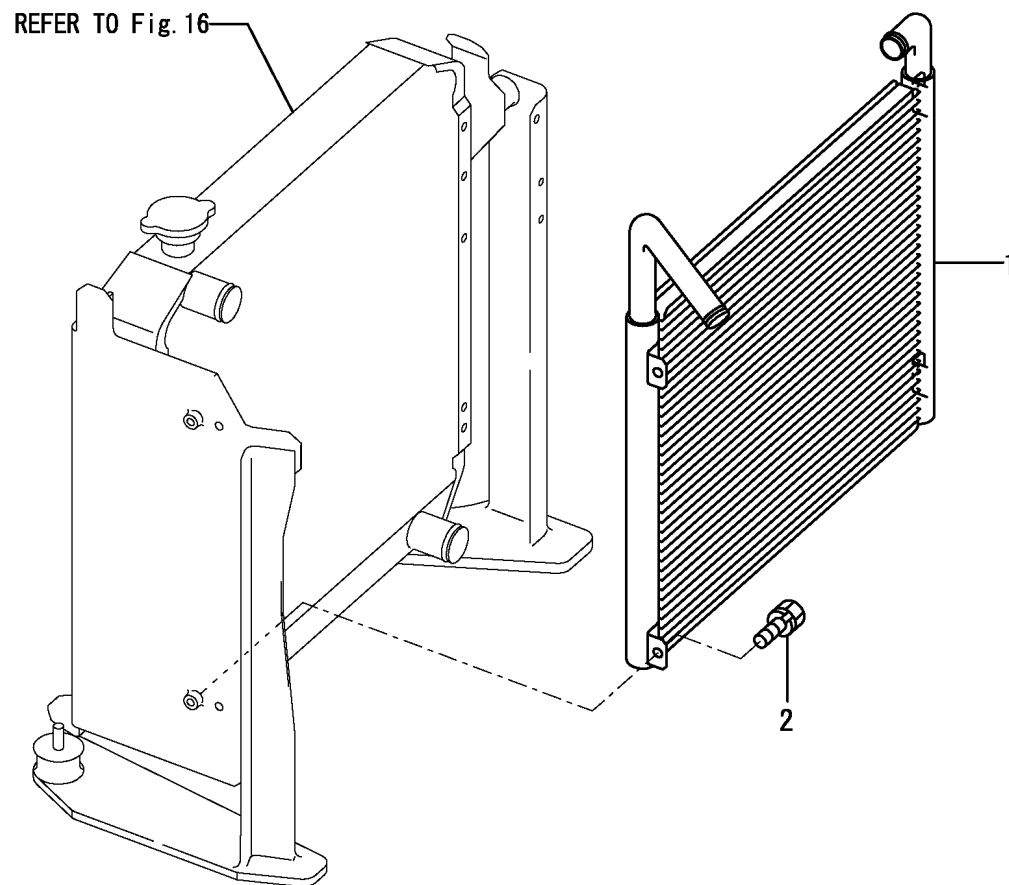
見出しNo. 1Aは、
見出しNo. 5から32を含みます。
1A INC. 5~32.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772187-75100	TANK ASSY, RESERVOIR	1							
1-1	1	772187-75101	TANK ASSY, RESERVOIR	1	1			1	1	S	1
(A=M/#00748)											
1A	1	772187-73710	TANK ASSY, RESERVOIR			1	1				
2	2	172187-73700	FILTER ASSY, RETURN	1	1			1	1		
3	3	172187-73730	ELEMENT, FILTER	1	1			1	1		
4	3	172112-74971	VALVE, BY-PASS	1	1			1	1		
5	2	172162-73700	STRAINER, SUCTION	1	1	1	1	1	1		
6	2	172187-73710	ROD ASSY, FILTER	1	1	1	1	1	1		
7	2	172112-75770	SPRING, FILTER	1	1	1	1	1	1		
8	2	172112-75780	SPRING, FILTER	1	1	1	1	1	1		
9	2	26716-100002	NUT, M10	1	1	1	1	1	1		
10	2	124766-59050	CLIP, HOSE 12	1	1	1	1	1	1		
11	2	172187-75270	PIPE	1	1	1	1	1	1		
12	2	172187-75280	COVER ASSY	1	1	1	1	1	1		
13	2	172187-75340	COVER, TANK	1	1	1	1	1	1		
14	2	172187-75350	GAUGE ASSY, OIL	1	1	1	1	1	1		
15	2	172165-75450-4	PLATE	1	1	1	1	1	1		
16	2	172165-75460	GASKET	1	1	1	1	1	1		
17	2	172165-75481	ELEMENT	1	1	1	1	1	1		
18	2	172187-75500	PLUG	1	1	1	1	1	1		
19	2	172187-75510	HOSE	1	1	1	1	1	1		
20	2	172116-75850-4	PLUG, OIL FEED	1	1	1	1	1	1		
21	2	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
22	2	22217-100000	WASHER, SPRING 10	4	4	4	4	4	4		
23	2	24311-000380	O-RING, 1AP38.0	1	1	1	1	1	1		
24	2	24321-001350	O-RING, 1AG135.0	1	1	1	1	1	1		
25	2	24321-001700	O-RING, 1AG170.0	1	1	1	1	1	1		
26	2	24341-000300	O-RING, 1AS30.0	1	1	1	1	1	1		
27	2	26022-050102	SCREW, M5X10	3	3	3	3	3	3		
28	2	26116-100252	BOLT, M10X 25 PLATED	4	4	4	4	4	4		
29	2	26116-100252	BOLT, M10X 25 PLATED	4	4	4	4	4	4		
30	2	172187-73050	FILTER ,RETURN (EP			1	1				
31	3	172187-73060	ELEMENT, FILTER			1	1				
32	3	172112-74971	VALVE, BY-PASS			1	1				
33	1	22137-160000	WASHER, 16	4	4	4	4	4	4		
34	1	22217-160000	WASHER, SPRING 16	4	4	4	4	4	4		
35	1	26116-160402	BOLT, M16X 40 PLATED	4	4	4	4	4	4		

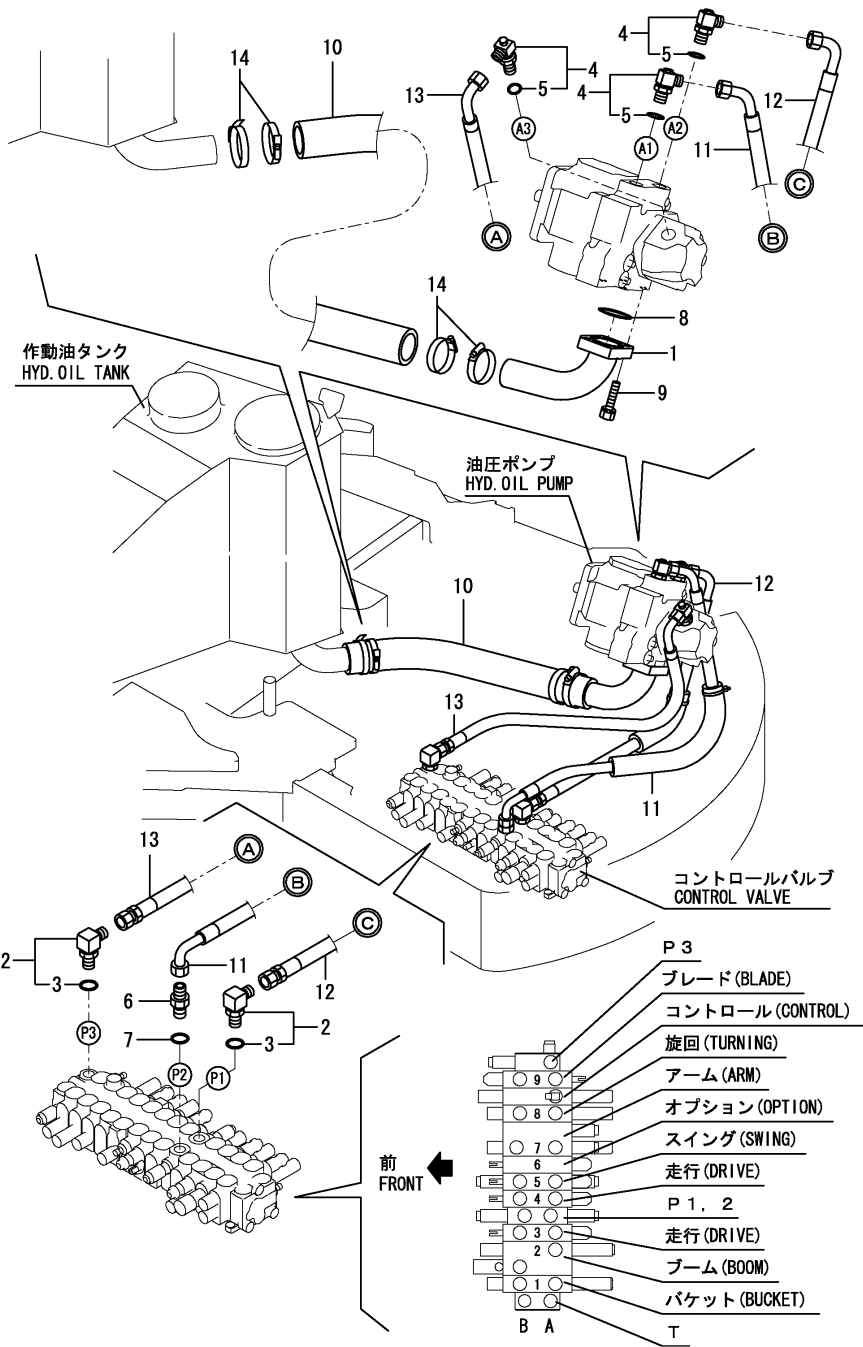
Remarks
1)L:REF.NO.1 44MM , NO.1-1 54MM

Fig.99. LUB. OIL COOLER



No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C		(D)=VIO70(AS)P		I	R
				(B)=VIO70(JP)P	(C)=VIO70(AS)C	(E)=VIO70(EX)C	(F)=VIO70(EX)P		
				Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172187-74800	COOLER ASSY, OIL	1	1	1	1	1	1
2	1	26013-080162	BOLT, M8X 16	4	4	4	4	4	4

Fig.100. HYD. OIL PIPING(TANK - PUMP - CONTROL VALVE)



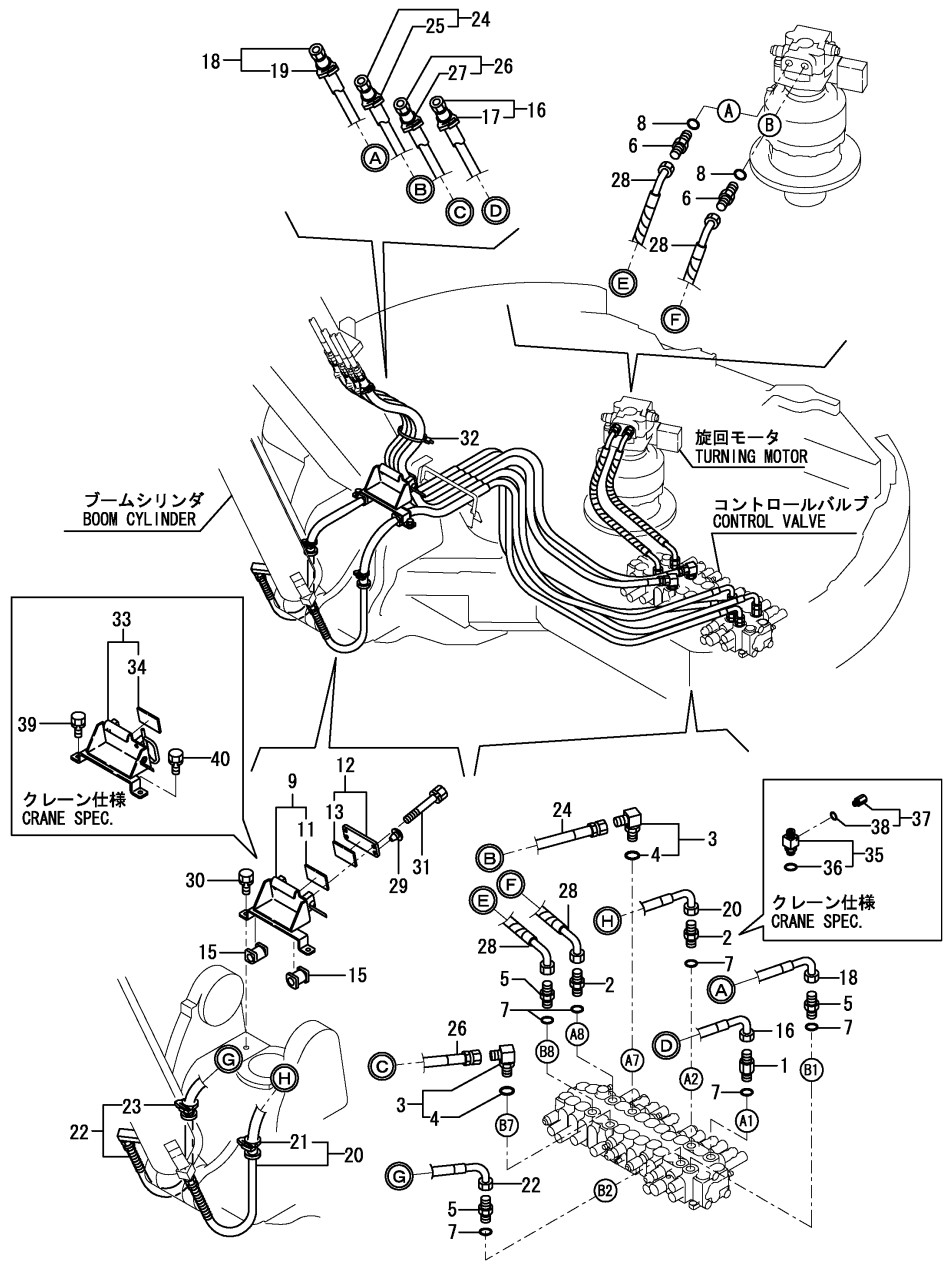
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-76100	FLANGE	1	1	1	1	1	1		
2	1	172151-76160	ELBOW ASSY	2	2	2	2	2	2		
3	2	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
4	1	172187-76190	ELBOW, ADJUST	3	3	3	3	3	3		
5	2	24315-000240	O-RING, 1BP24.0	3	3	3	3	3	3		
6	1	172187-76200	ADAPTER, 1/2-3/4	1	1	1	1	1	1		
7	1	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1		
8	1	24325-000650	O-RING, 1BG65.0	1	1	1	1	1	1		
9	1	26013-120402	BOLT, M12X 40	4	4	4	4	4	4		
10	1	172187-78120	HOSE	1	1	1	1	1	1		
11	1	172187-78130	HOSE	1	1	1	1	1	1		
12	1	172187-78140	HOSE	1	1	1	1	1	1		
13	1	172187-78150	HOSE	1	1	1	1	1	1		
14	1	23000-090000	CLAMP, 90	4	4	4	4	4	4		

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

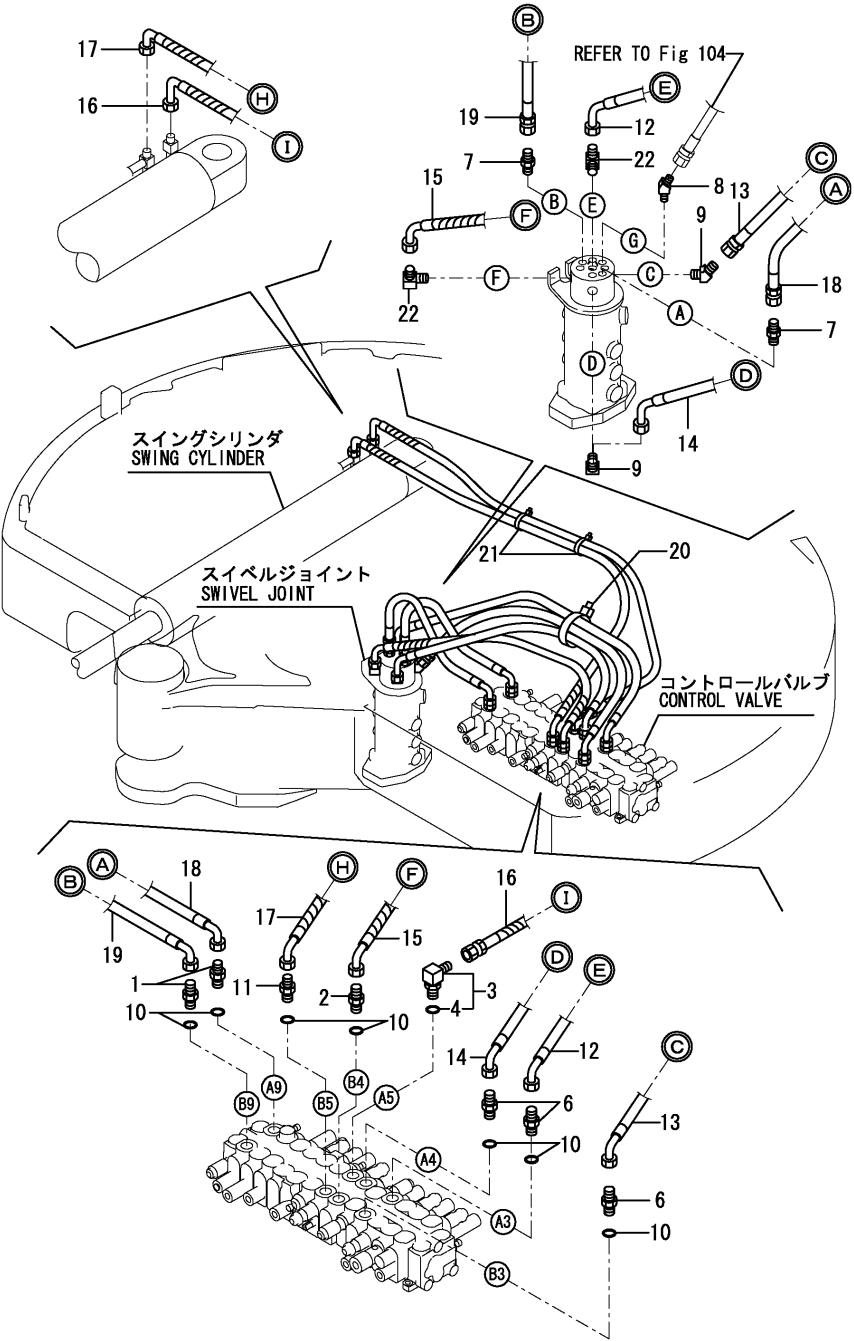
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-76210	JOINT, PF1/2	1	1	1	1	1	1		
2	1	172147-76270	CONNECTOR, 1/2X1/2	2	2	2	2	2	2		
2-1	1	172147-76271	CONNECTOR, 1/2X1/2	2	2	2	2	2	2	N	
		(A=M/#05256)	(B=M/#05256)	(C=M/#05256)	(D=M/#05256)	(E=M/#05256)	(F=M/#05256)				
3	1	172141-76900	CONNECTOR ASSY	2	2	2	2	2	2		
4	2	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
5	1	172112-77360	CONNECTOR,PF1/2PF1/2	3	3	3	3	3	3		
6	1	172112-77360	CONNECTOR,PF1/2PF1/2	2	2	2	2	2	2		
7	1	24315-000180	O-RING, 1BP18.0	6	6	6	6	6	6		
8	1	24315-000180	O-RING, 1BP18.0	2	2	2	2	2	2		
9	1	172187-76591	CLAMP, HOSE	1	1	1	1	1	1		
11	2	172187-76650	RUBBER, HOSE SUPPORT	1	1	1	1	1	1		
12	1	172187-76640	PLATE ASSY	1	1	1	1	1	1		
13	2	172187-76700	RUBBER	1	1	1	1	1	1		
15	1	172187-78100	RUBBER	2	2	2	2	2	2		
16	1	172187-78250	HOSE	1	1	1	1	1	1		
17	2	172187-78570	CLAMP	1	1	1	1	1	1		
18	1	172187-78260	HOSE	1	1	1	1	1	1		
19	2	172187-78570	CLAMP	1	1	1	1	1	1		
20	1	172187-78270	HOSE	1	1	1	1	1	1		
21	2	172187-78570	CLAMP	1	1	1	1	1	1		
22	1	172187-78280	HOSE	1	1	1	1	1	1		
23	2	172187-78570	CLAMP	1	1	1	1	1	1		
24	1	172187-78290	HOSE	1	1	1	1	1	1		
25	2	172187-78570	CLAMP	1	1	1	1	1	1		
26	1	172187-78300	HOSE	1	1	1	1	1	1		
27	2	172187-78570	CLAMP	1	1	1	1	1	1		
28	1	172187-78370	HOSE	2	2	2	2	2	2		
29	1	172183-81160	CLIP, TREE	2	2	2	2	2	2		
30	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
31	1	26013-100602	BOLT, M10X 60	2	2	2	2	2	2		
32	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
33	1	172187-76740	CLAMP, HOSE	1	1						1
34	2	172187-76650	RUBBER, HOSE SUPPORT	1	1						1
35	1	172187-76300	TEE, ADJUSTABLE	1	1						1
36	2	24315-000180	O-RING, 1BP18.0	1	1						1
37	1	172187-76310	CONNECTOR	1	1						1
38	2	24315-000110	O-RING, 1BP11.0	1	1						1
39	1	26013-100202	BOLT, M10X 20	1	1						1
40	1	26013-100202	BOLT, M10X 20	1	1						1
40-1	1	26013-100252	BOLT, M10X 25	1	1					N	1
		(A=M/#05679)	(B=M/#05679)								

Remarks
(1)CRANE SPEC.

Fig.102. HYD. OIL PIPING(CONTROL VALVE - SWIVEL,SWING)



(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172110-76020	CONNECTOR	2	2	2	2	2	2		
2	1	172147-76270	CONNECTOR, 1/2X1/2	1	1	1	1	1	1		
2-1	1	172147-76271	CONNECTOR, 1/2X1/2	1	1	1	1	1	1	N	
(A=M/#05256) (B=M/#05256) (C=M/#05256) (D=M/#05256) (E=M/#05256) (F=M/#05256)											
3	1	172157-76300	ELBOW ASSY	1	1	1	1	1	1		
4	2	24315-000180	O-RING, 1BP18.0	1	1	1	1	1	1		
6	1	172112-77360	CONNECTOR,PF1/2PF1/2	3	3	3	3	3	3		
7	1	23391-030000	JOINT, RGI-3/8	2	2	2	2	2	2		
8	1	23394-020000	JOINT, 45RGI-1/4	1	1	1	1	1	1		
9	1	23394-040000	JOINT, 45RGI-1/2	2	2	2	2	2	2		
10	1	24315-000180	O-RING, 1BP18.0	7	7	7	7	7	7		
11	1	933160-01370	CONNECTOR,PF1/2PF3/8	1	1	1	1	1	1		
12	1	172187-78310	HOSE	1	1	1	1	1	1		
13	1	172187-78320	HOSE	1	1	1	1	1	1		
14	1	172187-78330	HOSE	1	1	1	1	1	1		
15	1	172187-78340	HOSE	1	1	1	1	1	1		
16	1	172187-78350	HOSE	1	1	1	1	1	1		
17	1	172187-78360	HOSE	1	1	1	1	1	1		
18	1	172187-78380	HOSE	1	1	1	1	1	1		
19	1	172187-78390	HOSE	1	1	1	1	1	1		
20	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
21	1	172122-79930	CLAMP, HOSE	2	2	2	2	2	2		
22	1	23393-040000	JOINT, 90RGI-1/2	2	2	2	2	2	2		

Fig.103. HYD. OIL PIPING(RETURN : 1)

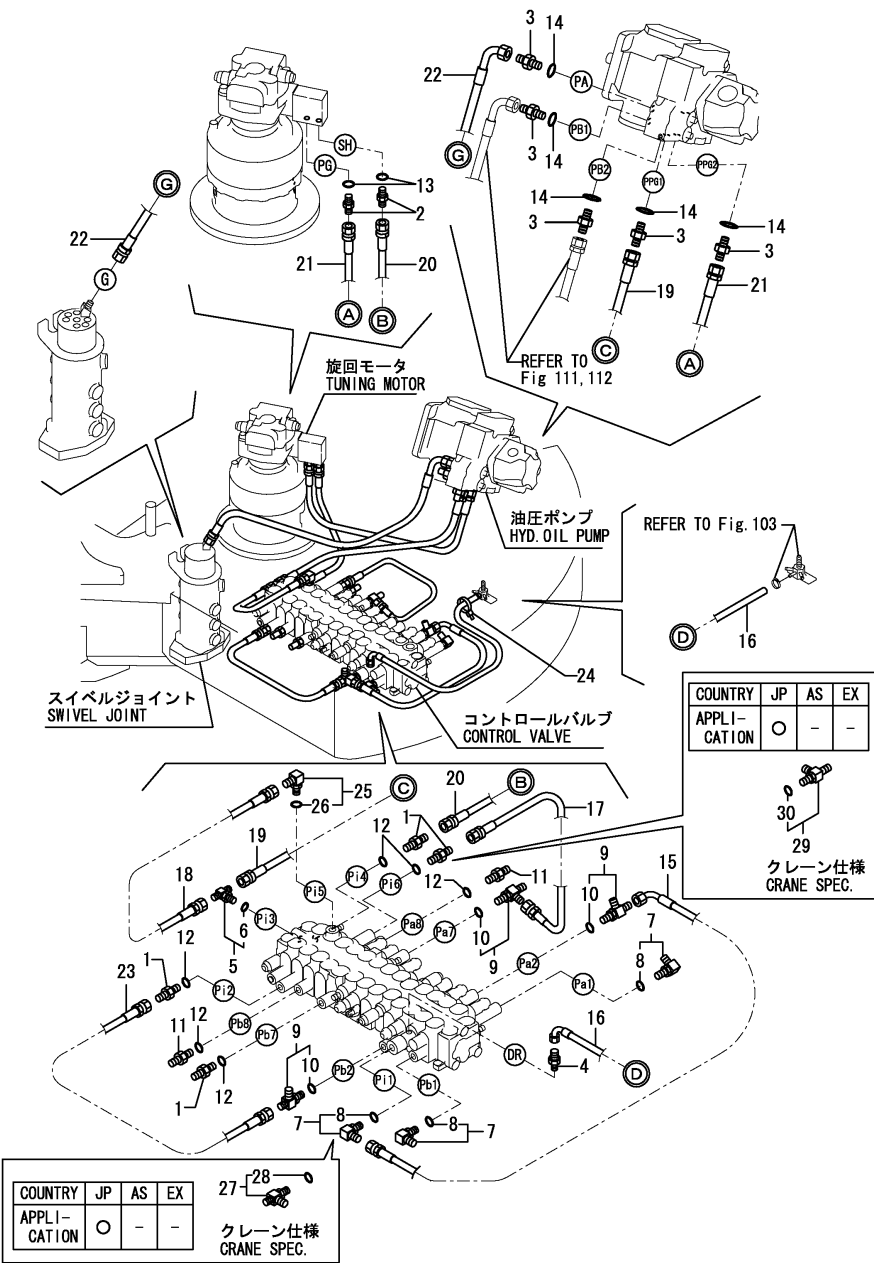


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172122-74790	CONNECTOR, PF3/8 90	1	1	1	1	1	1		
2	2	24315-000240	O-RING, 1BP24.0	1	1	1	1	1	1		
3	1	172187-76130	NIPPLE, HOSE	1							
3-1	1	172187-76131	CONNECTOR, PF3/4	1	1	1	1	1	1	1	S
	(A=M/#00748)										
4	1	172187-76130	NIPPLE, HOSE	1							
4-1	1	172187-76131	CONNECTOR, PF3/4	1	1	1	1	1	1	1	S
	(A=M/#00748)										
5	1	172187-76140	CONNECTOR, PF3/4X26	1							
5-1	1	172187-76141	CONNECTOR, PF1XPF3/4	1	1	1	1	1	1	1	S
	(A=M/#00748)										
6	2	24315-000240	O-RING, 1BP24.0	1	1	1	1	1	1		
7	1	172187-76150	CONNECTOR	1	1	1	1	1	1		
8	1	172187-76160	JOINT	1	1	1	1	1	1		
9	1	172187-76180	NIPPLE, HOSE	1	1	1	1	1	1		
10	1	172176-76220	ELBOW	1							
10-1	1	172141-76090	CONNECTOR, PF3/4L	1	1				1	1	S
	(A=M/#00748)										
11	2	24315-000240	O-RING, 1BP24.0	1	1				1	1	
12	1	172187-78160	HOSE	1							
12-1	1	172187-78161	HOSE	1	1				1	1	S
	(A=M/#00748)										
13	1	172187-78170	HOSE	1							
13-1	1	172187-78171	HOSE	1	1	1	1	1	1	1	S
	(A=M/#00748)										
14	1	172187-78180	HOSE	1							
14-1	1	172187-78920	HOSE	1	1	1	1	1	1	1	S
	(A=M/#00748)										
15	1	172187-78180	HOSE	1	1	1	1	1	1	1	
16	1	172187-78190	HOSE	1	1	1	1	1	1	1	
17	1	172187-78400	HOSE	1	1	1	1	1	1	1	
18	1	172187-78540	HOSE	1	1	1	1	1	1	1	
19	1	23000-013000	CLAMP, 13	3	3	3	3	3	3	3	
20	1	23000-016000	CLAMP, 16	1	1	1	1	1	1	1	
21	1	23000-016000	CLAMP, 16	3	3	3	3	3	3	3	
22	1	23000-035000	CLAMP, 35	2	2				2	2	
23	1	23000-041000	CLAMP, 41	2							Z
	(A=M/#01217)										
24	1	23000-041000	CLAMP, 41	3							
24-1	1	23000-041000	CLAMP, 41	2	2	2	2	2	2	2	K
	(A=M/#01217)										
25	1	23000-041000	CLAMP, 41	3							
25-1	1	23000-041000	CLAMP, 41	4	4	4	4	4	4	4	K
	(A=M/#00748)										
26	1	26013-100202	BOLT, M10X 20	2	2	2	2	2	2		
27	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
28	1	172162-76320	CONNECTOR, 3X1/4	1	1						1
29	1	172187-76350	CONNECTOR	1	1						1
30	1	23393-020000	JOINT, 90RGI-1/4	1	1						1
31	1	172989-76110	TEE, ADJUSTABLE			1	1				
32	2	24315-000240	O-RING, 1BP24.0			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

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Fig.104. HYD. OIL PIPING(RETURN : 2)



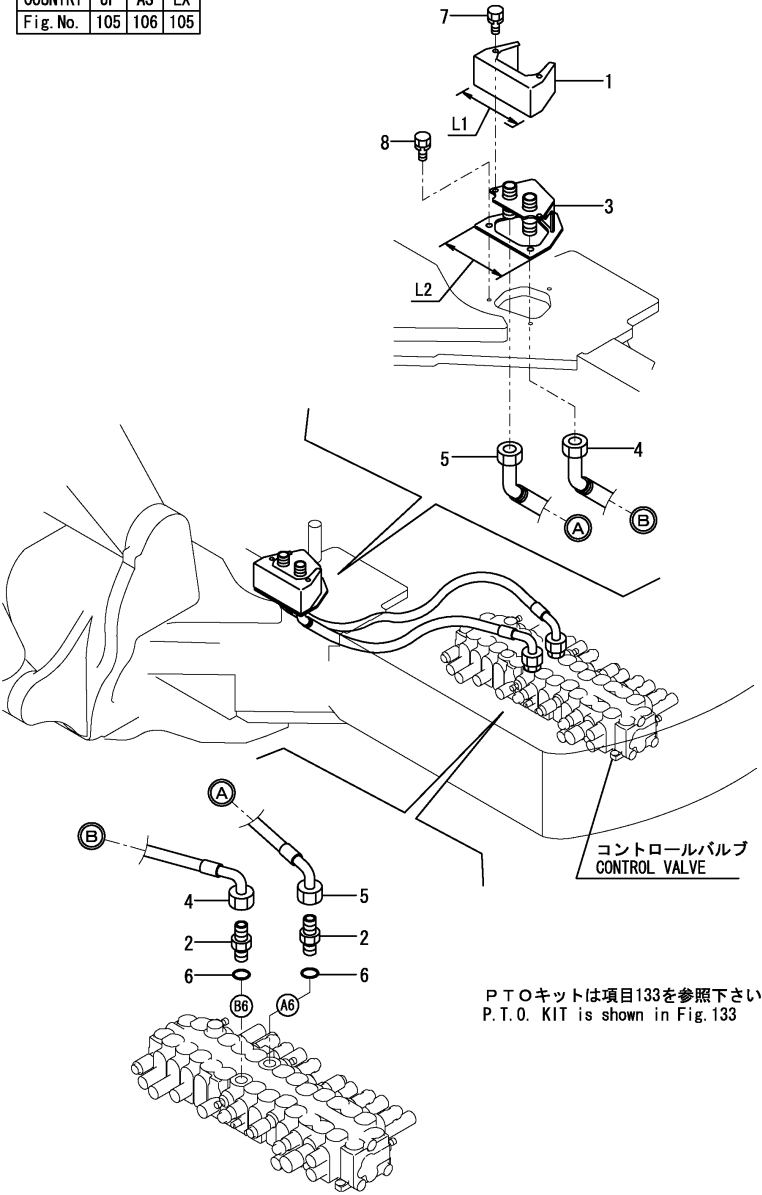
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	4	4	4	4	4	4		
2	1	172123-76120	ADAPTER, PF1/4	2	2	2	2	2	2		
3	1	172123-76120	ADAPTER, PF1/4	5	5	5	5	5	5		
4	1	172312-76150	NIPPLE, 1/8X1/4	1	1	1	1	1	1		
5	1	172187-76170	TEE, ADJUSTABLE	1	1	1	1	1	1		
6	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
7	1	172141-76180	CONNECTOR ASSY	3	3	3	3	3	3		
8	2	24315-000110	O-RING, 1BP11.0	3	3	3	3	3	3		
9	1	172162-76180	JOINT ASSY, 3-1/4	3	3	3	3	3	3		
10	2	24315-000110	O-RING, 1BP11.0	3	3	3	3	3	3		
11	1	172164-76330	JOINT, PF1/4-0.7	2	2	2	2	2	2		
12	1	24315-000110	O-RING, 1BP11.0	6	6	6	6	6	6		
13	1	24315-000110	O-RING, 1BP11.0	2	2	2	2	2	2		
14	1	24315-000110	O-RING, 1BP11.0	5	5	5	5	5	5		
15	1	172187-78450	HOSE	1	1	1	1	1	1		
16	1	172187-78460	HOSE	1	1	1	1	1	1		
17	1	172187-78470	HOSE	1	1	1	1	1	1		
18	1	172187-78480	HOSE	1	1	1	1	1	1		
19	1	172187-78490	HOSE	1	1	1	1	1	1		
20	1	172187-78500	HOSE	1	1	1	1	1	1		
21	1	172187-78510	HOSE	1	1	1	1	1	1		
22	1	172187-78520	HOSE	1	1	1	1	1	1		
23	1	172187-78530	HOSE	1	1	1	1	1	1		
24	1	172122-79930	CLAMP, HOSE	1	1	1	1	1	1		
25	1	172141-76180	CONNECTOR ASSY	1							
25-1	1	172187-76210	ELBOW	1	1	1	1	1	1	N	
(A=M/#00882)											
26	2	24315-000110	O-RING, 1BP11.0	1	1	1	1	1	1		
(A=M/#00882)											
27	1	172162-76180	JOINT ASSY, 3-1/4	1	1						1
28	2	24315-000110	O-RING, 1BP11.0	1	1						1
29	1	172162-76180	JOINT ASSY, 3-1/4	1	1						1
30	2	24315-000110	O-RING, 1BP11.0	1	1						1

Remarks
(1)CRANE SPEC.

Fig.105. HYD. OIL PIPING(P.T.O.,FRAME END)

COUNTRY	JP	AS	EX
Fig. No.	105	106	105

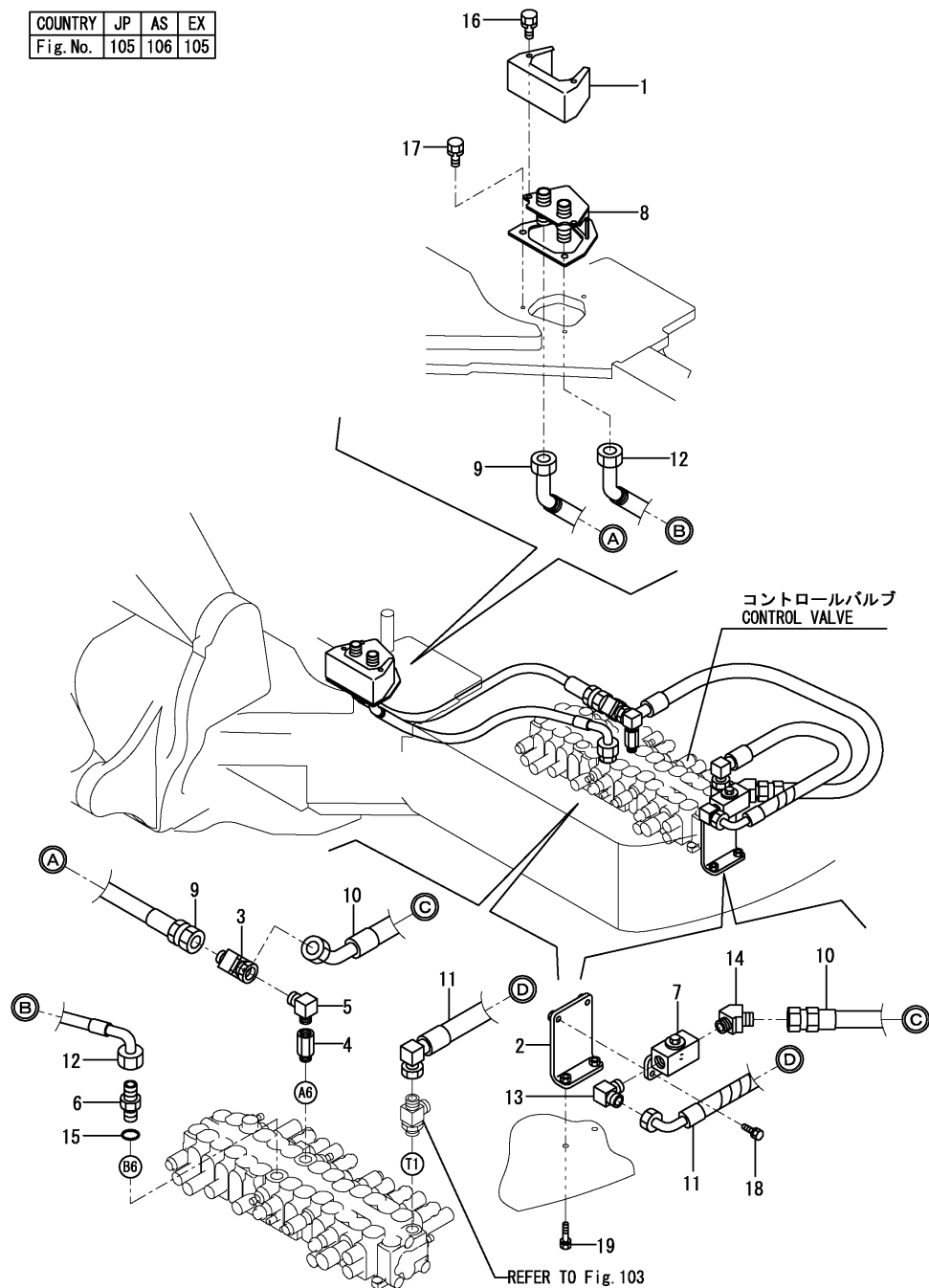


Remarks
(M)MISPRINT
(1)L1:REF.NO.1=157MM,NO.1-1=147MM.
(2)L2:REF.NO.3=157MM,NO.3-1=147MM.

OCK10-M33003 Fig.105
(A)=VIO70(JP)C (D)=VIO70(AS)P
(B)=VIO70(JP)P (E)=VIO70(EX)C
(C)=VIO70(AS)C (F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61540	COVER	1							
1-1	1	172187-61541	COVER, 3RD	1	1			1	1	S	1
(A=M/#00995)											
2	1	172187-76200	ADAPTER, 1/2-3/4	2	2			2	2		
3	1	172187-76820	CONNECTOR ASSY	1							
3-1	1	172187-76821	CONNECTOR ASSY	1	1			1	1	S	2
(A=M/#00995)											
4	1	172187-79200	HOSE	1	1			1	1		
5	1	172187-79210	HOSE	1	1			1	1		
6	1	24315-000240	O-RING, 1BP24.0	2							M
6-1	1	24315-000180	O-RING, 1BP18.0	2	2			2	2		
7	1	26013-080162	BOLT, M8X 16	2	2			2	2		
8	1	26013-100202	BOLT, M10X 20	3	3			3	3		

COUNTRY	JP	AS	EX
Fig. No.	105	106	105

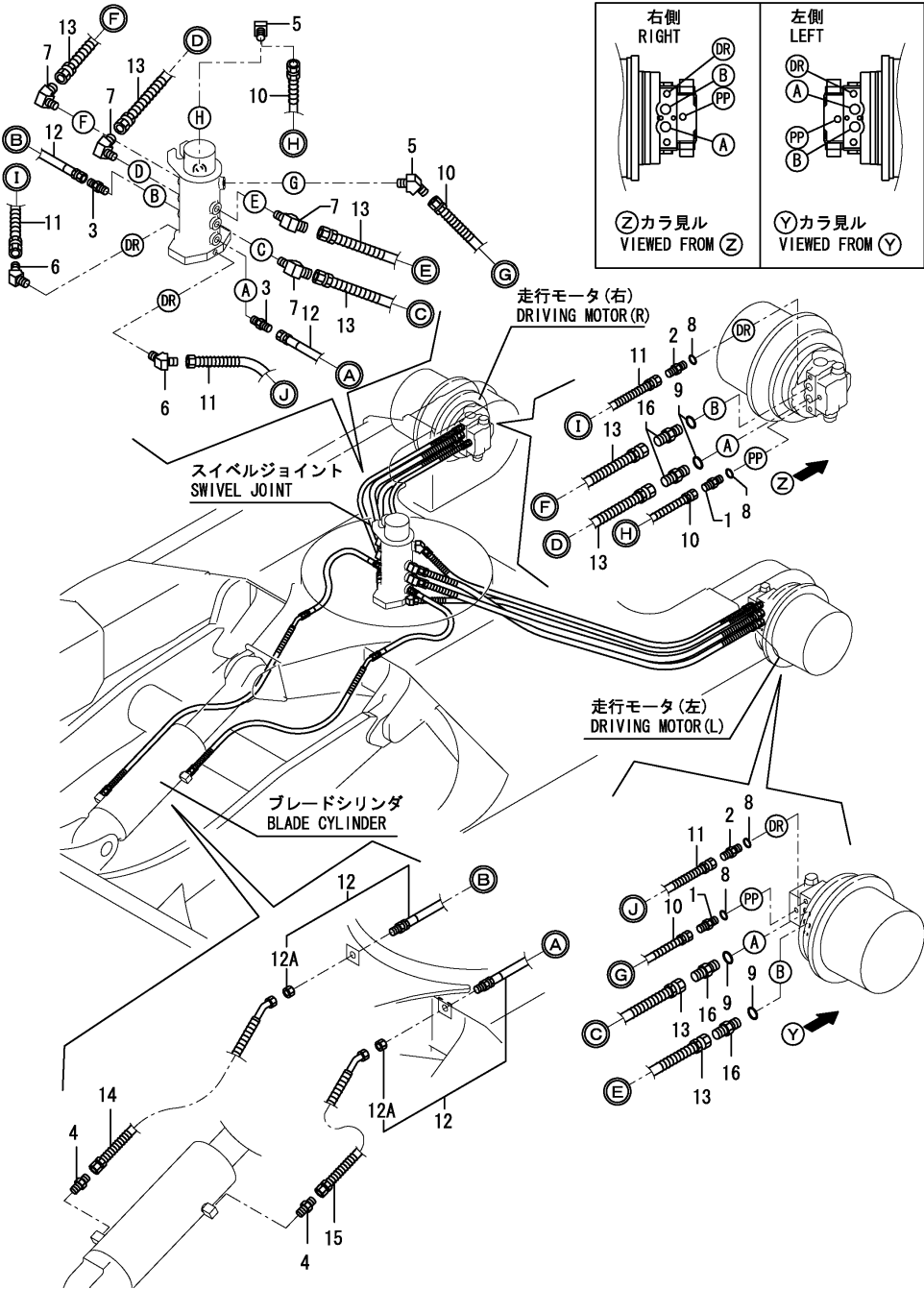


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-61541	COVER, 3RD			1	1				
2	1	172989-74710	BRACKET ASSY (PTO			1	1				
3	1	172989-76120	CONNECTOR			1	1				
4	1	172989-76130	CONNECTOR, G R1/2			1	1				
5	1	172165-76200	CONNECTOR,PT1/2PF3/4			1	1				
6	1	172187-76200	ADAPTER, 1/2-3/4			1	1				
7	1	172176-76580	VALVE, STOP			1	1				
8	1	172187-76821	CONNECTOR ASSY			1	1				
9	1	172989-78410	HOSE			1	1				
10	1	172989-78420	HOSE			1	1				
11	1	172989-78430	HOSE			1	1				
12	1	172187-79200	HOSE			1	1				
13	1	23393-060000	JOINT, 90RGI-3/4			1	1				
14	1	23394-060000	JOINT, 45RGI-3/4			1	1				
15	1	24315-000180	O-RING, 1BP18.0			1	1				
16	1	26013-080162	BOLT, M8X 16			2	2				
17	1	26013-100202	BOLT, M10X 20			3	3				
18	1	26013-100302	BOLT, M10X 30			2	2				
19	1	26013-100402	BOLT, M10X 40			2	2				

Fig.107. HYD. OIL PIPING(TRACK FRAME)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

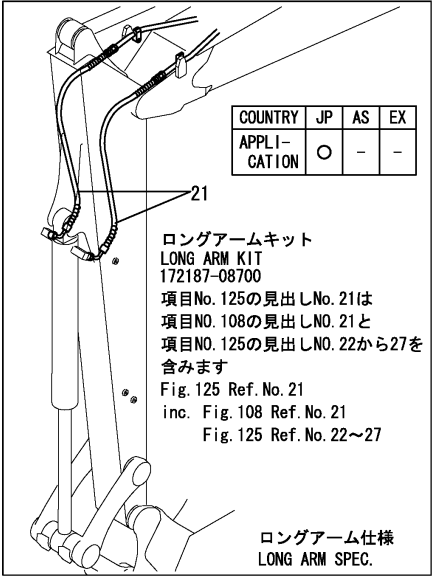
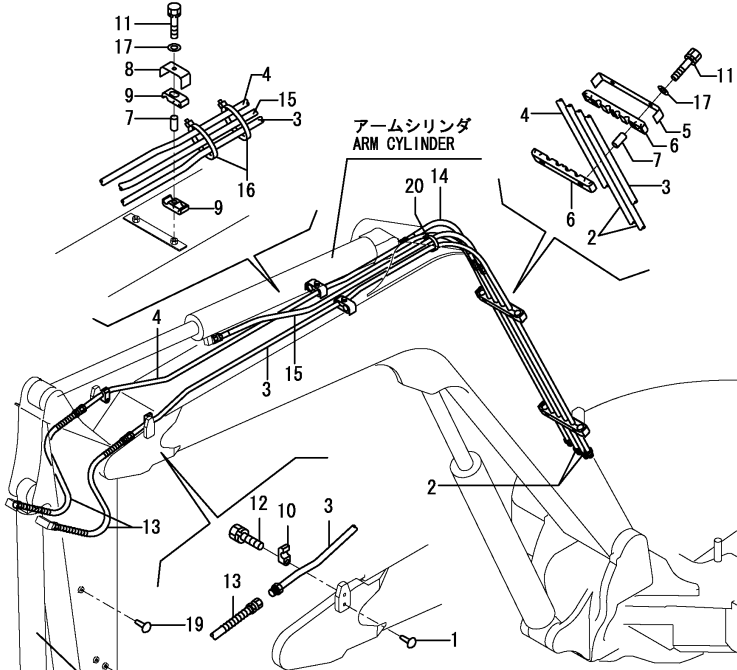


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	2	2	2	2	2	2		
2	1	172157-76220	CONNECTOR, 1/4X3/8	2	2	2	2	2	2		
3	1	23391-030000	JOINT, RGI-3/8	2	2	2	2	2	2		
4	1	23391-030000	JOINT, RGI-3/8	2	2	2	2	2	2		
5	1	23394-020000	JOINT, 45RGI-1/4	2	2	2	2	2	2		
6	1	23394-030000	JOINT, 45RGI-3/8	2	2	2	2	2	2		
7	1	23394-040000	JOINT, 45RGI-1/2	4	4	4	4	4	4		
8	1	24315-000110	O-RING, 1BP11.0	4	4	4	4	4	4		
9	1	24315-000180	O-RING, 1BP18.0	4	4	4	4	4	4		
10	1	172187-78200	HOSE G604BB155W	2	2	2	2	2	2		
11	1	172187-78210	HOSE G706BB145W	2	2	2	2	2	2		
12	1	172187-78220	HOSE	2	2	2	2	2	2		
12A	2	172455-79750	NUT, LOCK	2	2	2	2	2	2	W	
(A=M/#XXXXXX) (B=M/#XXXXXX) (C=M/#XXXXXX) (D=M/#XXXXXX) (E=M/#XXXXXX) (F=M/#XXXXXX)											
13	1	172187-78230	HOSE H108BB151W	4	4	4	4	4	4		
14	1	172187-78431	HOSE	1	1	1	1	1	1		
15	1	172187-78440	HOSE	1	1	1	1	1	1		
16	1	172112-77360	CONNECTOR,PF1/2PF1/2	4	4	4	4	4	4		

Fig.108. HYD. OIL PIPING(BOOM)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

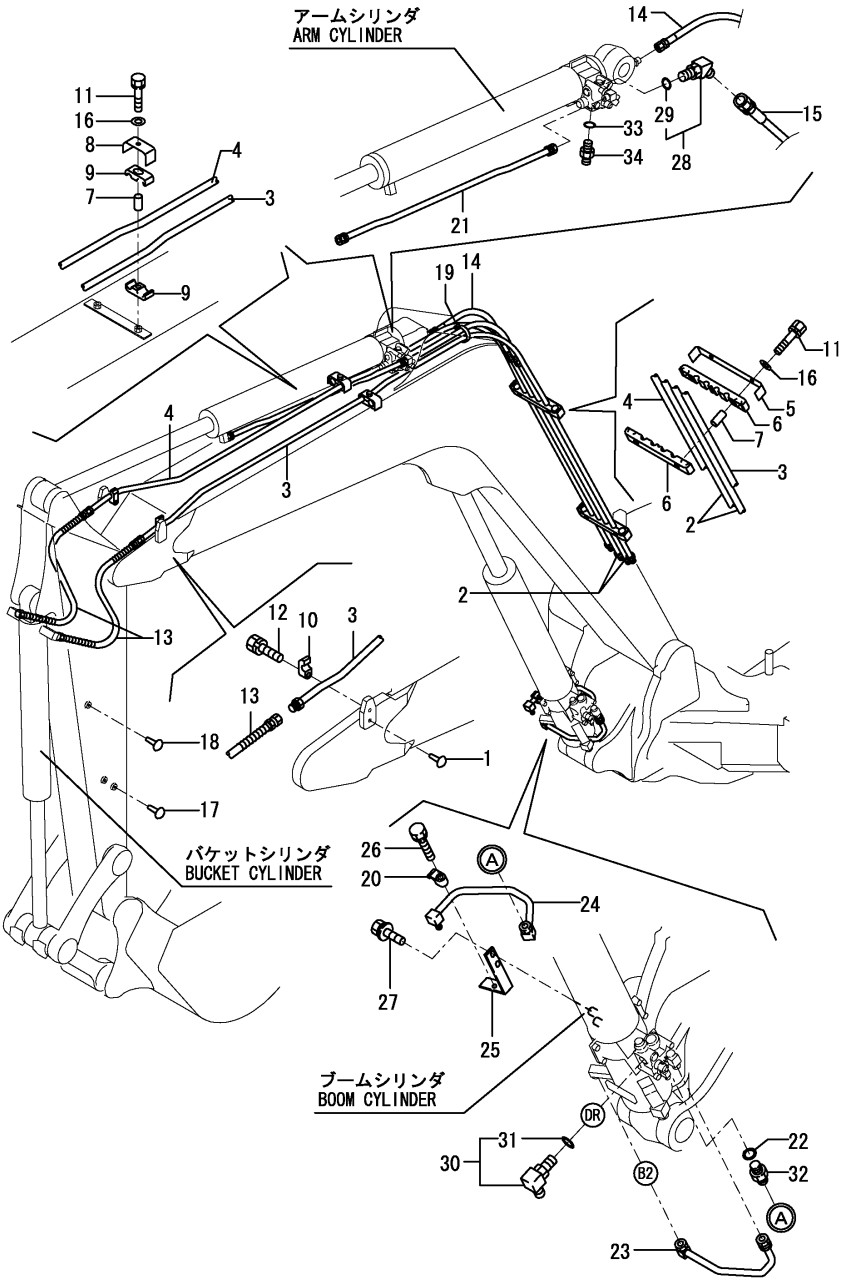


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81170	CLIP, TREE	2	2	2	2	2	2		
2	1	172187-76400	TUBE, ARM	2	2	2	2	2	2		
3	1	172187-76420	TUBE, BUCKET	1	1	1	1	1	1		
4	1	172187-76440	TUBE, BUCKET	1	1	1	1	1	1		
5	1	172187-76500	CLAMP, TUBE	2	2	2	2	2	2		
6	1	172187-76510	RUBBER	4	4	4	4	4	4		
7	1	172187-76520	COLLAR, CLAMP	6	6	6	6	6	6		
8	1	172187-76530	CLAMP, TUBE	2	2	2	2	2	2		
9	1	172187-76540	RUBBER	4	4	4	4	4	4		
10	1	172142-76950-4	CLAMP	2	2	2	2	2	2		
11	1	26013-100502	BOLT, M10X 50	6	6	6	6	6	6		
12	1	26013-120402	BOLT, M12X 40	2	2	2	2	2	2		
13	1	172187-78240	HOSE	2	2	2	2	2	2		
14	1	172187-78410	HOSE	1	1	1	1	1	1		
15	1	172187-78420	HOSE	1	1	1	1	1	1		
16	1	172122-79930	CLAMP, HOSE	2							Z
(A=M/#01217)											
17	1	22137-100000	WASHER, 10	6	6	6	6	6	6		
18	1	172183-81160	CLIP, TREE	4	4	4	4	4	4		
19	1	172183-81170	CLIP, TREE	2	2	2	2	2	2		
20	1	172187-78580	BAND	2	2	2	2	2	2		
21	1	172187-78590	HOSE	2	2						1
21-1	1	172187-78760	HOSE H108BE105W	2	2						N
(A=M/#05256) (B=M/#05256)											

Remarks
1)LONG ARM SPEC.

Fig.109. HYD. OIL PIPING(BOOM : CRANE SPEC.)

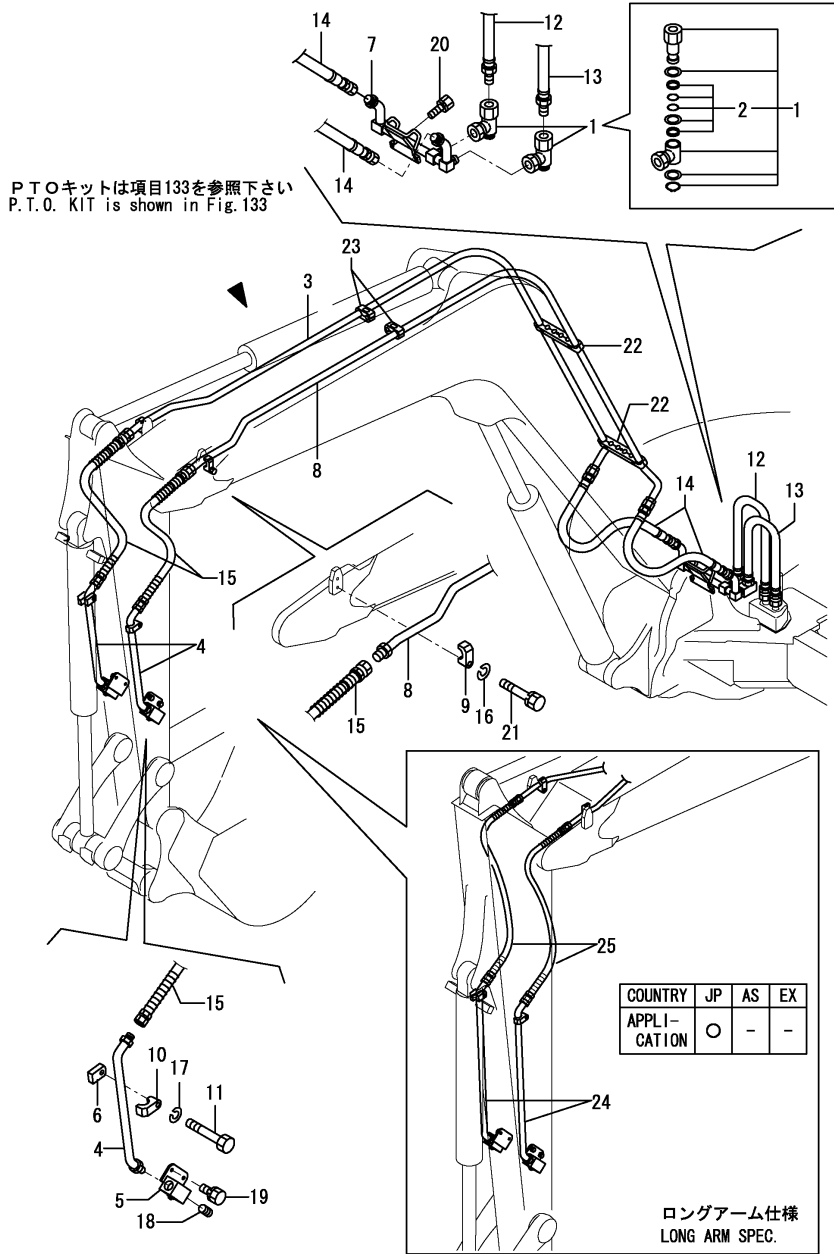
COUNTRY	JP	AS	EX
Fig. No.	109	-	-



(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172183-81170	CLIP, TREE	2	2						
2	1	172187-76400	TUBE, ARM	2	2						
3	1	172187-76420	TUBE, BUCKET	1	1						
4	1	172187-76440	TUBE, BUCKET	1	1						
5	1	172187-76500	CLAMP, TUBE	2	2						
6	1	172187-76510	RUBBER	4	4						
7	1	172187-76520	COLLAR, CLAMP	6	6						
8	1	172187-76530	CLAMP, TUBE	2	2						
9	1	172187-76540	RUBBER	4	4						
10	1	172142-76950-4	CLAMP	2	2						
11	1	26013-100502	BOLT, M10X 50	6	6						
12	1	26013-120402	BOLT, M12X 40	2	2						
13	1	172187-78240	HOSE	2	2						
14	1	172187-78410	HOSE	1	1						
15	1	172187-79700	HOSE H108BB096R	1	1						
16	1	22137-100000	WASHER, 10	6	6						
17	1	172183-81160	CLIP, TREE	4	4						
18	1	172183-81170	CLIP, TREE	2	2						
19	1	172187-78580	BAND	2	2						
20	1	172142-76950-4	CLAMP	1	1						
21	1	172187-77320	TUBE ASSY, CYLINDER	1	1						
22	1	24315-000180	O-RING, 1BP18.0	1	1						
23	1	172187-77490	TUBE, BOOM	1	1						
24	1	172187-77590	TUBE, BOOM	1	1						
25	1	172187-77720	SUPPORT, TUBE	1	1						
26	1	26013-100502	BOLT, M10X 50	1	1						
27	1	26014-100202	BOLT, M10X 20	2	2						
28	1	1D4180-22850	ELBOW, 45 PF1/2	1	1						
29	2	24315-000180	O-RING, 1BP18.0	1	1						
30	1	172141-76180	CONNECTOR ASSY	1	1						
31	2	24315-000110	O-RING, 1BP11.0	1	1						
32	1	172112-77360	CONNECTOR,PF1/2PF1/2	1	1						
33	1	24315-000110	O-RING, 1BP11.0	1	1						
34	1	172123-76120	ADAPTER, PF1/4	1	1						

Fig.110. HYD. OIL PIPING(P.T.O.,ARM END)

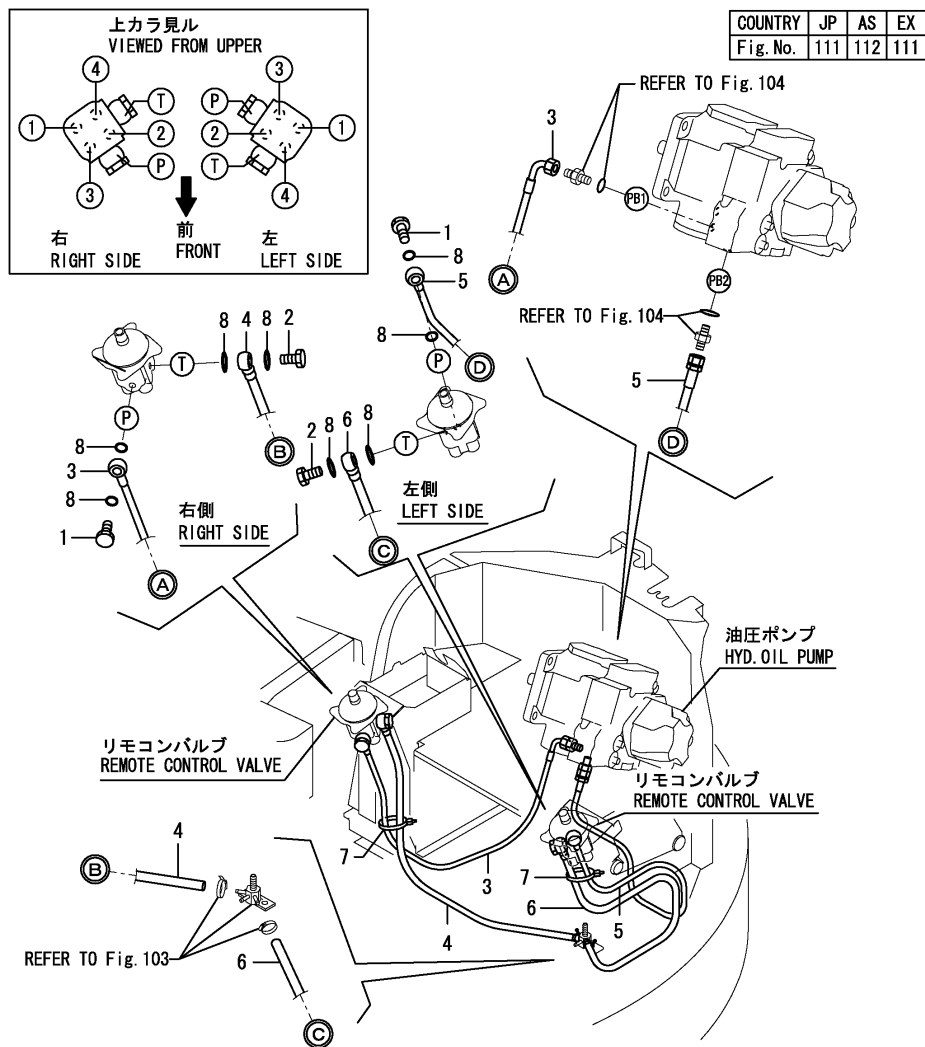


(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172142-76280-4	JOINT, SWIVEL	2	2	2	2	2	2		
2	2	172142-77050	SEAL SET	2	2	2	2	2	2		
3	1	172187-76480	TUBE, 3RD	1	1	1	1	1	1		
4	1	172187-76570	TUBE, 3RD	2	2	2	2	2	2		
5	1	172176-76580	VALVE, STOP	2	2	2	2	2	2		
6	1	172187-76690	PLATE	2	2	2	2	2	2		
7	1	172187-76780	TUBE, 3RD	1	1	1	1	1	1		
7-1	1	172187-76781	TUBE, 3RD	1	1	1	1	1	1		N
(A=M/#01597) (B=M/#01597) (C=M/#01597) (D=M/#01597)				(E=M/#01597) (F=M/#01597)							
8	1	172187-76460	TUBE, 3RD	1	1	1	1	1	1		
9	1	172142-76940-4	CLAMP	2	2	2	2	2	2		
10	1	172142-76940-4	CLAMP	2	2	2	2	2	2		
11	1	26116-120702	BOLT, M12X 70 PLATED	2	2	2	2	2	2		
12	1	172187-79220	HOSE	1	1	1	1	1	1		
13	1	172187-79230	HOSE	1	1	1	1	1	1		
14	1	172187-79240	HOSE	2	2	2	2	2	2		
15	1	172187-79250	HOSE	2	2	2	2	2	2		
16	1	22217-120000	WASHER, SPRING 12	2	2	2	2	2	2		
17	1	22217-120000	WASHER, SPRING 12	2	2	2	2	2	2		
18	1	23871-060000	PLUG, R06	2	2	2	2	2	2		
19	1	26013-100252	BOLT, M10X 25	4	4	4	4	4	4		
20	1	26013-100252	BOLT, M10X 25	2	2	2	2	2	2		
21	1	26116-120552	BOLT, M12X 55 PLATED	2	2	2	2	2	2		
22	1	172187-76930	RUBBER	4	4	4	4	4	4		
23	1	172187-76940	RUBBER	4	4	4	4	4	4		
24	1	172187-76950	TUBE ASSY, 3RD	2	2						1
25	1	172187-79300	HOSE G112BB098W	2	2						1

Remarks
1)LONG ARM SPEC.

Fig.111. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)(JP,EX)

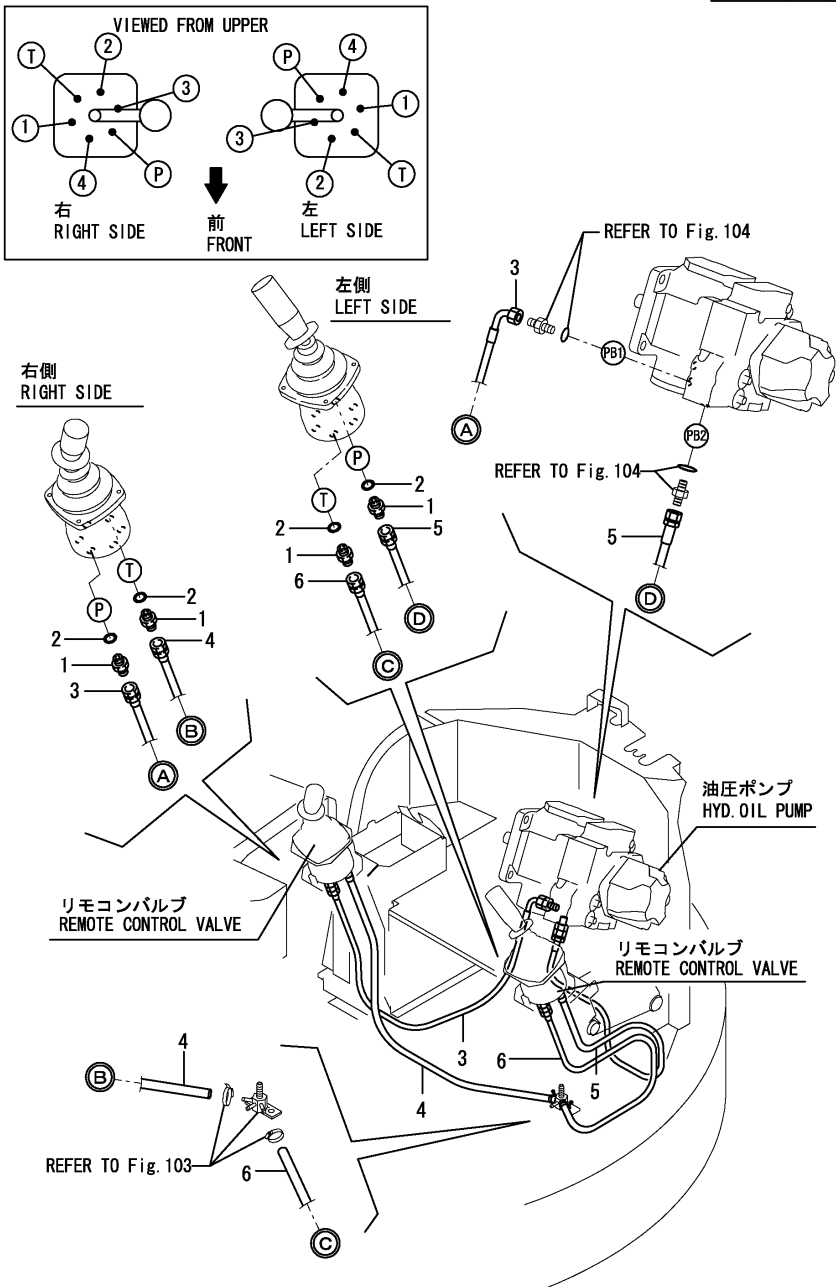


仕様 SPEC.	項目No. (Fig. No.)									
	111	112	113	114	115	116	117	118	119	120
ﾀﾞｲﾚｸﾄ仕様 (JP, EX) STANDARD SPEC. (JP, EX)	○	—	○	—	—	—	—	—	—	—
ﾀﾞｲﾚｸﾄ仕様 (AS) STANDARD SPEC. (AS)	—	○	—	○	—	—	—	—	—	—
4ｳｴｲﾏﾙﾅﾞ仕様 4-WAY MULTI SPEC.	○	—	—	—	○	○	—	—	—	—
2ｳｴｲﾏﾙﾅﾞ仕様 2-WAY MULTI SPEC.	○	—	—	—	—	—	○	—	—	—
ｸﾚﾝ, ﾀﾞｲﾚｸﾄ仕様 (JP) CRANE SPEC. (JP)	○	—	—	—	—	—	—	○	—	○
ｸﾚﾝ, 4ｳｴｲﾏﾙﾅﾞ仕様 CRANE 4-WAY MULTI SPEC.	○	—	—	—	○	—	—	—	○	○

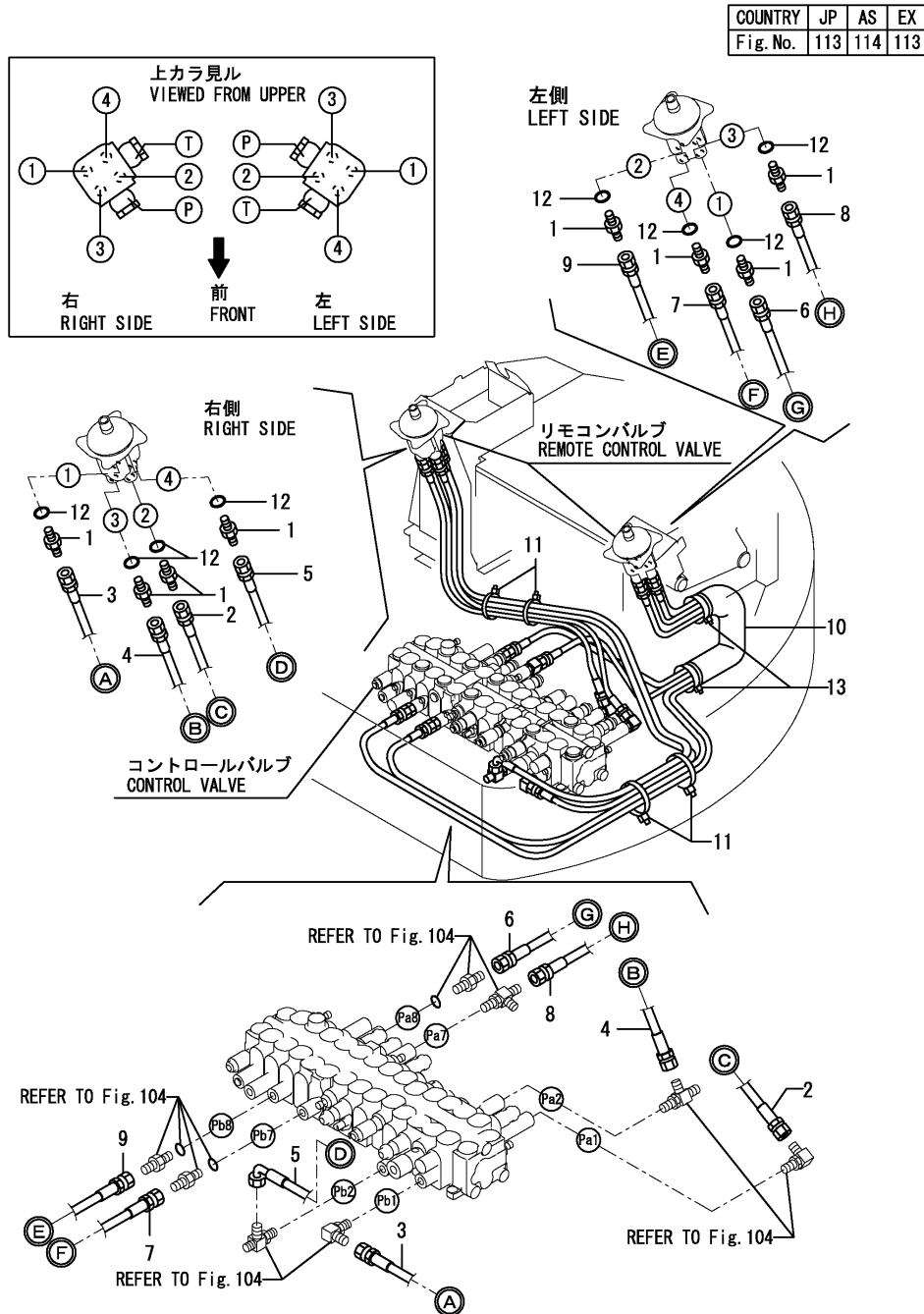
I)(JP,EX)				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C	(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P				Q'ty		I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)			
1	1	172151-76030	BOLT, PIPE JOINT	2	2			2	2			
2	1	172151-76040	BOLT, PIPE JOINT	2	2			2	2			
3	1	172187-78800	HOSE	1	1			1	1			
4	1	172187-78810	HOSE	1	1			1	1			
5	1	172187-78860	HOSE	1	1			1	1			
6	1	172187-78870	HOSE	1	1			1	1			
7	1	23010-014000	CLAMP, 14	2							Z	
(A=M/#01217)												
8	1	24315-000180	O-RING, 1BP18.0	8	8			8	8			

Fig.112. CONTROL PIPING(PUMP - REMOTE CONTROL VALVE - RETURN)(AS)

COUNTRY	JP	AS	EX
Fig. No.	111	112	111



				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C	(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P				
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172159-76120	CONNECTOR, PF1/4			4	4		
2	1	24315-000110	O-RING, 1BP11.0			4	4		
3	1	172187-78940	HOSE			1	1		
4	1	172187-78950	HOSE			1	1		
5	1	172187-79000	HOSE			1	1		
6	1	172187-79010	HOSE			1	1		

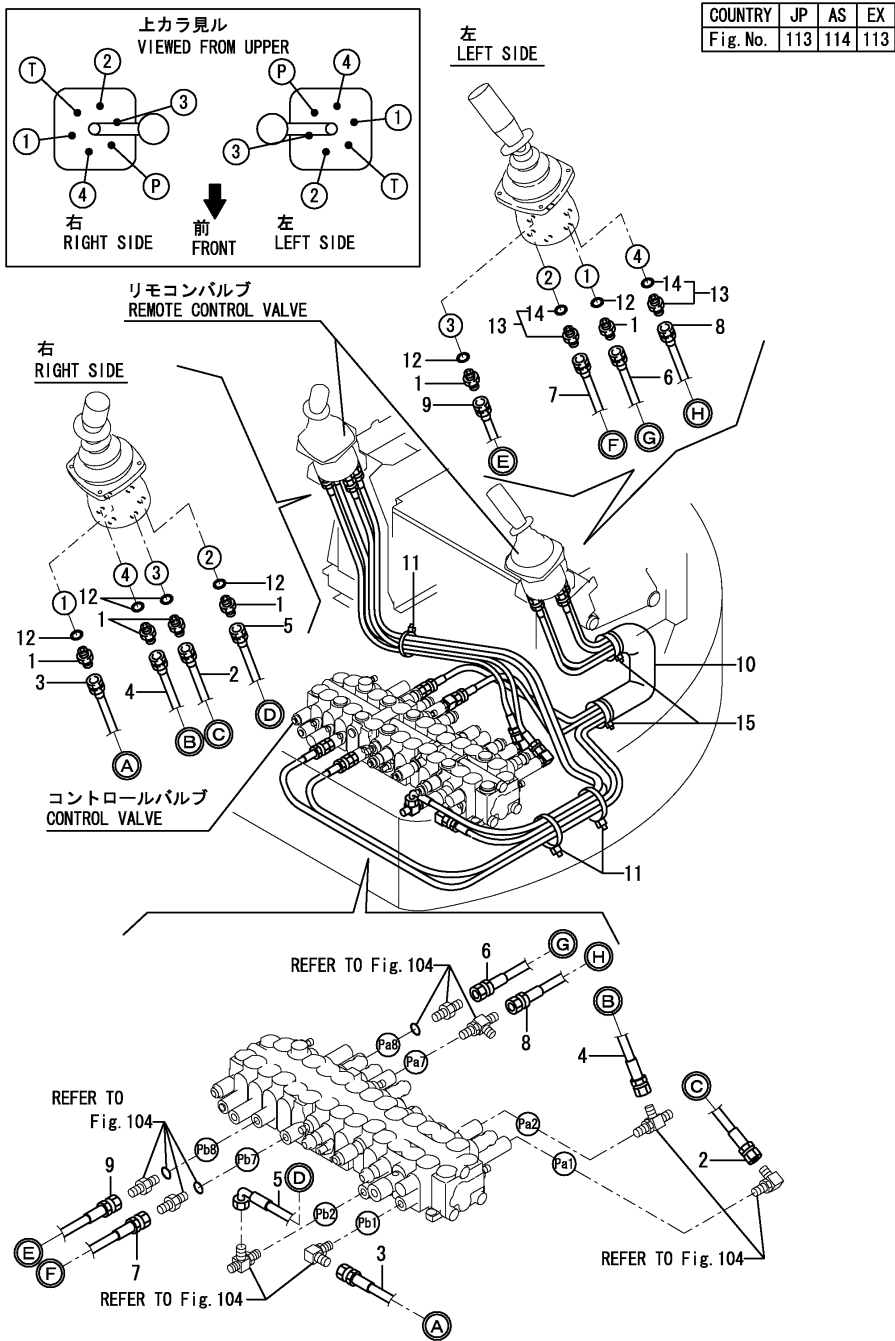


No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172123-76120	ADAPTER, PF1/4	8	8			8	8		
2	1	172187-78820	HOSE	1	1			1	1		
3	1	172187-78830	HOSE	1	1			1	1		
4	1	172187-78840	HOSE	1	1			1	1		
5	1	172187-78850	HOSE	1	1			1	1		
6	1	172187-78880	HOSE	1	1			1	1		
7	1	172187-78890	HOSE	1	1			1	1		
8	1	172187-78900	HOSE	1	1			1	1		
9	1	172187-78910	HOSE	1	1			1	1		
10	1	172165-79810	SPONGE, HOSE	1	1			1	1		
11	1	172122-79930	CLAMP, HOSE	4							
11-1	1	172122-79930	CLAMP, HOSE	3	3			3	3	K	
(A=M/#01217)											
12	1	24315-000110	O-RING, 1BP11.0	8	8			8	8		
13	1	172126-11510	BAND	2	2			2	2	W	
(A=M/#01217)											

Fig.114. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)(DIRECT SPEC.:AS)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172123-76120	ADAPTER, PF1/4			6	6				
2	1	172187-78960	HOSE			1	1				
3	1	172187-78970	HOSE			1	1				
4	1	172187-78980	HOSE			1	1				
5	1	172187-78990	HOSE			1	1				
6	1	172187-79020	HOSE			1	1				
7	1	172187-79030	HOSE			1	1				
8	1	172187-79040	HOSE			1	1				
9	1	172187-79050	HOSE			1	1				
10	1	172165-79810	SPONGE, HOSE			1	1				
11	1	172122-79930	CLAMP, HOSE			3	3				
12	1	24315-000110	O-RING, 1BP11.0			6	6				
13	1	172964-78111	VALVE, CHECK			2	2				
14	2	24315-000110	O-RING, 1BP11.0			2	2				
15	1	172126-11510	BAND			2	2				

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

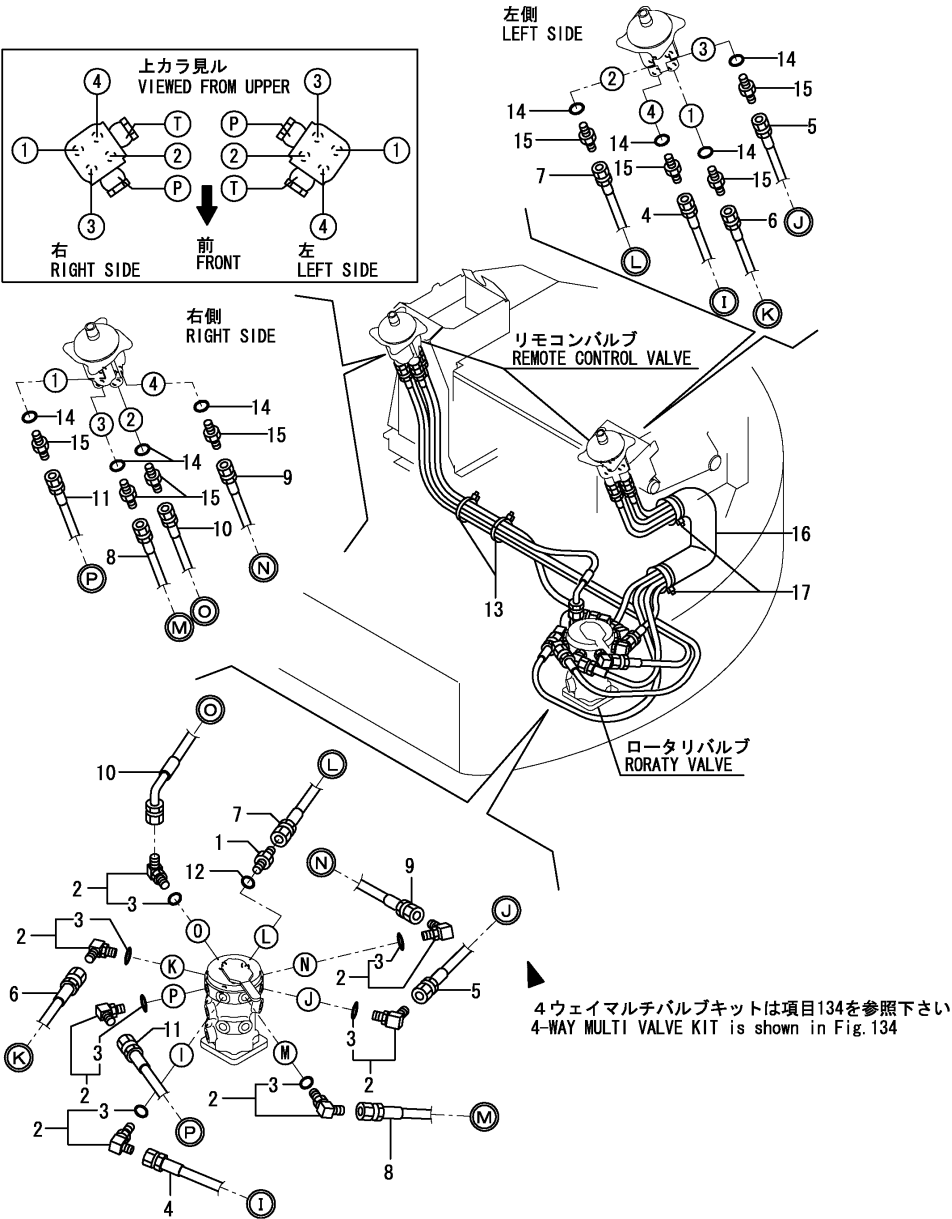
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Fig.115. CONTROL PIPING(REMOTE CONTROL VALVE - 4-WAY ROTARY VALVE)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

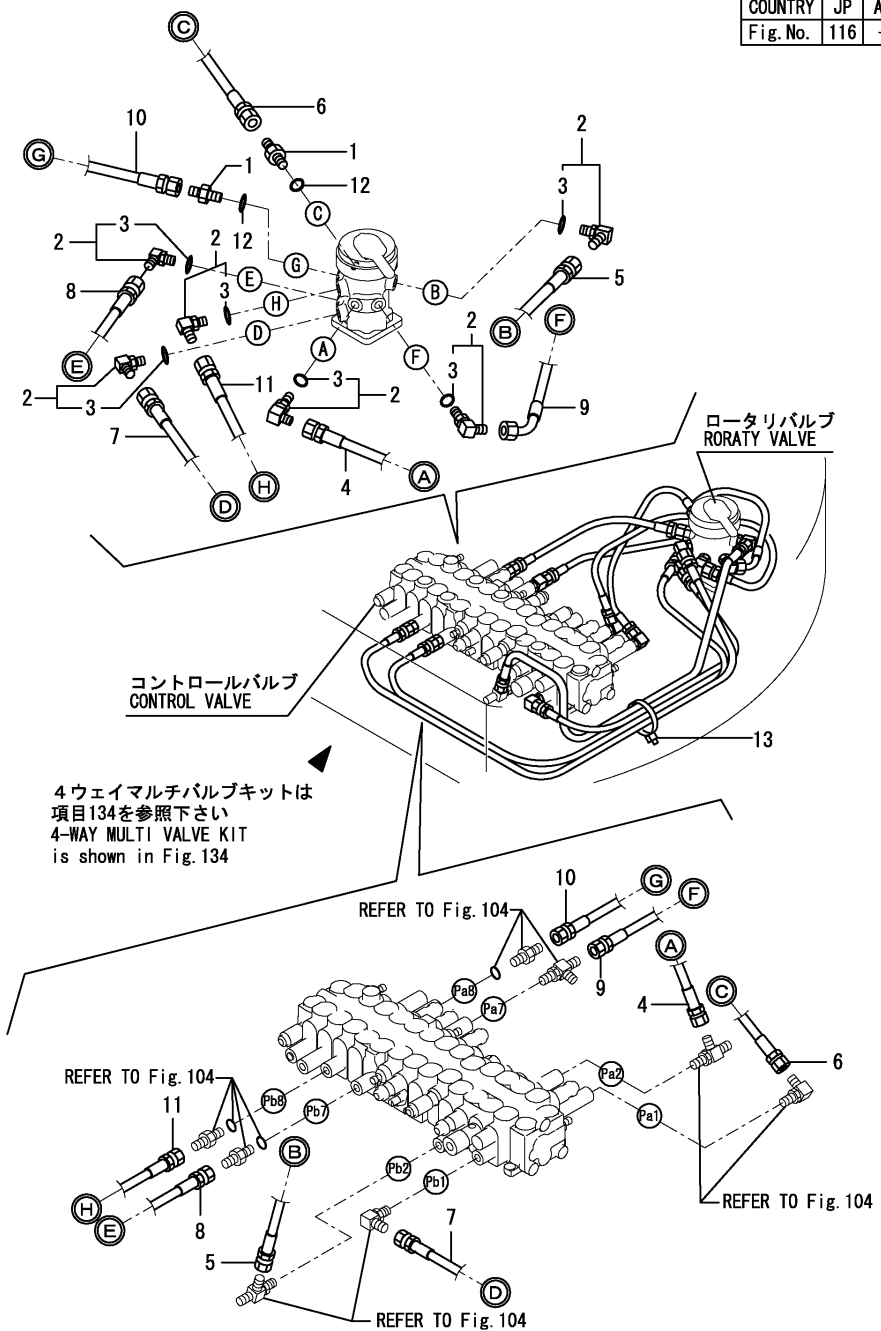
COUNTRY	JP	AS	EX
Fig. No.	115	-	-



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	1	1						
2	1	172141-76180	CONNECTOR ASSY	7	7						
3	2	24315-000110	O-RING, 1BP11.0	7	7						
4	1	172187-78680	HOSE	1	1						
5	1	172187-78690	HOSE	1	1						
6	1	172187-78700	HOSE	1	1						
7	1	172187-78710	HOSE	1	1						
8	1	172187-78720	HOSE	1	1						
9	1	172187-78730	HOSE	1	1						
10	1	172187-78740	HOSE	1	1						
11	1	172187-78750	HOSE	1	1						
12	1	24315-000110	O-RING, 1BP11.0	1	1						
13	1	172122-79930	CLAMP, HOSE	2	2						
14	1	24315-000110	O-RING, 1BP11.0	8	8						
15	1	172123-76120	ADAPTER, PF1/4	8	8						
16	1	172165-79810	SPONGE, HOSE	1	1						
17	1	172126-11510	BAND	2	2						

Fig.116. CONTROL PIPING(4-WAY ROTARY VALVE - CONTROL VALVE)

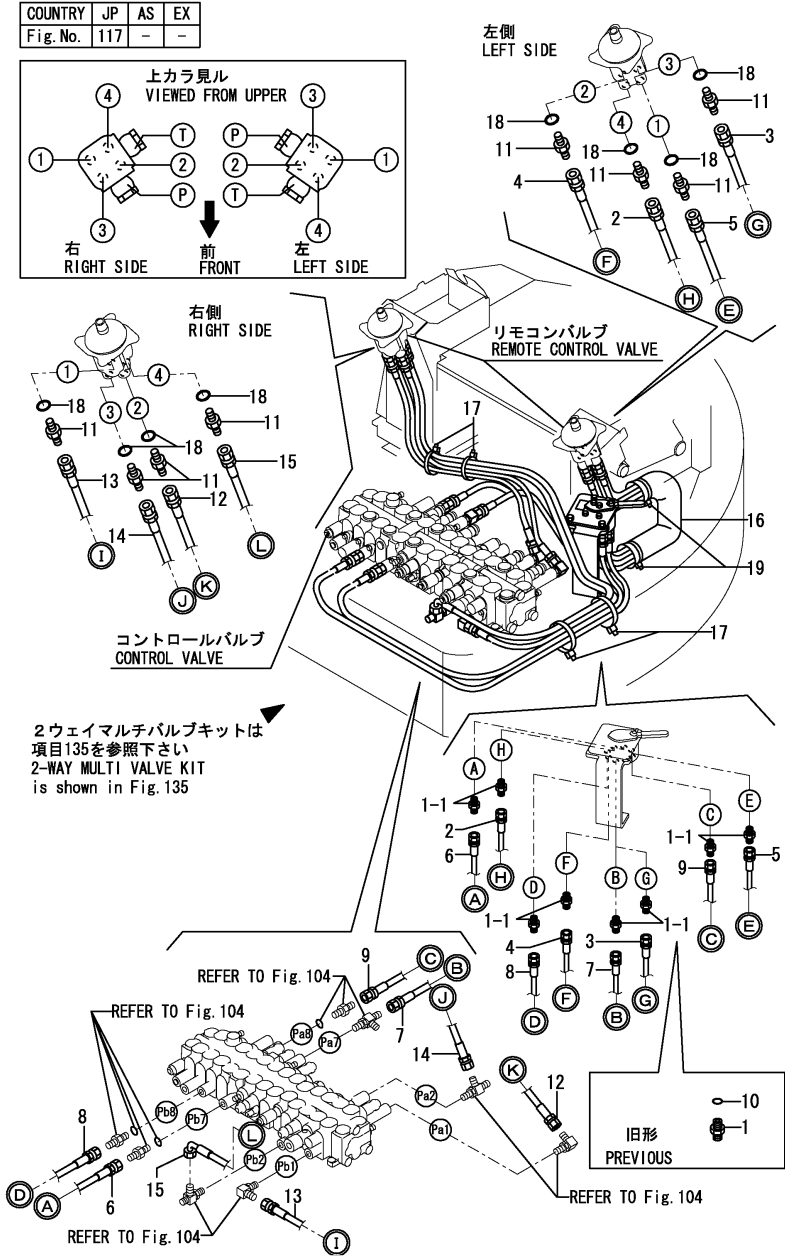
COUNTRY	JP	AS	EX
Fig. No.	116	-	-



No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C		(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172123-76120	ADAPTER, PF1/4	2	2					
2	1	172141-76180	CONNECTOR ASSY	6	6					
3	2	24315-000110	O-RING, 1BP11.0	6	6					
4	1	172187-78600	HOSE	1	1					
5	1	172187-78610	HOSE	1	1					
6	1	172187-78620	HOSE	1	1					
7	1	172187-78630	HOSE	1	1					
8	1	172187-78640	HOSE	1	1					
9	1	172187-78650	HOSE	1	1					
10	1	172187-78660	HOSE	1	1					
11	1	172187-78670	HOSE	1	1					
12	1	24315-000110	O-RING, 1BP11.0	2	2					
13	1	172122-79930	CLAMP, HOSE	2	2					

Fig.117. CONTROL PIPING(REMOTE CONTROL VALVE - 2-WAY ROTARY VALVE - CONTROL VALVE)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



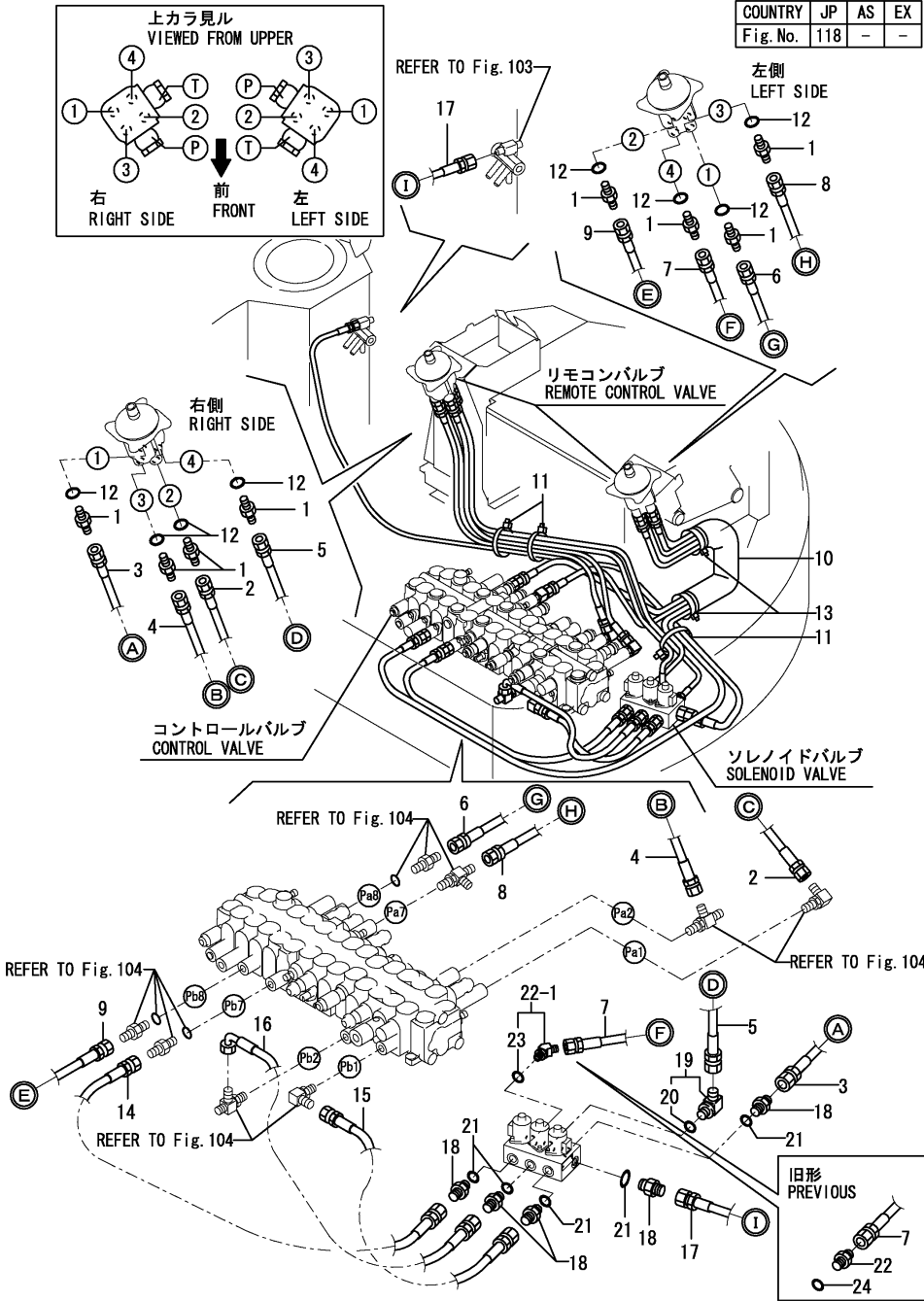
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	8							M
1-1	1	23391-020000	JOINT, RGI-1/4	8	8						
2	1	172187-79100	HOSE F603BB090	1	1						
3	1	172187-79110	HOSE F603BB092	1	1						
4	1	172187-79120	HOSE F603BB092	1	1						
5	1	172187-79130	HOSE F603BB088	1	1						
6	1	172187-79140	HOSE	1	1						
7	1	172187-79150	HOSE	1	1						
8	1	172187-79160	HOSE	1	1						
9	1	172187-79170	HOSE	1	1						
10	1	24315-000110	O-RING, 1BP11.0	8	8						Z
(A=M/#00873)											
11	1	172123-76120	ADAPTER, PF1/4	8	8						
12	1	172187-78820	HOSE	1	1						
13	1	172187-78830	HOSE	1	1						
14	1	172187-78840	HOSE	1	1						
15	1	172187-78850	HOSE	1	1						
16	1	172165-79810	SPONGE, HOSE	1	1						
17	1	172122-79930	CLAMP, HOSE	4							
17-1	1	172122-79930	CLAMP, HOSE	3	3						K
(A=M/#01217)											
18	1	24315-000110	O-RING, 1BP11.0	8	8						
19	1	172126-11510	BAND	2	2						W
(A=M/#01217)											

Remarks
M)MISPRINT

Fig.118. CONTROL PIPING(REMOTE CONTROL VALVE - CONTROL VALVE)(DIRECT : CRANE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

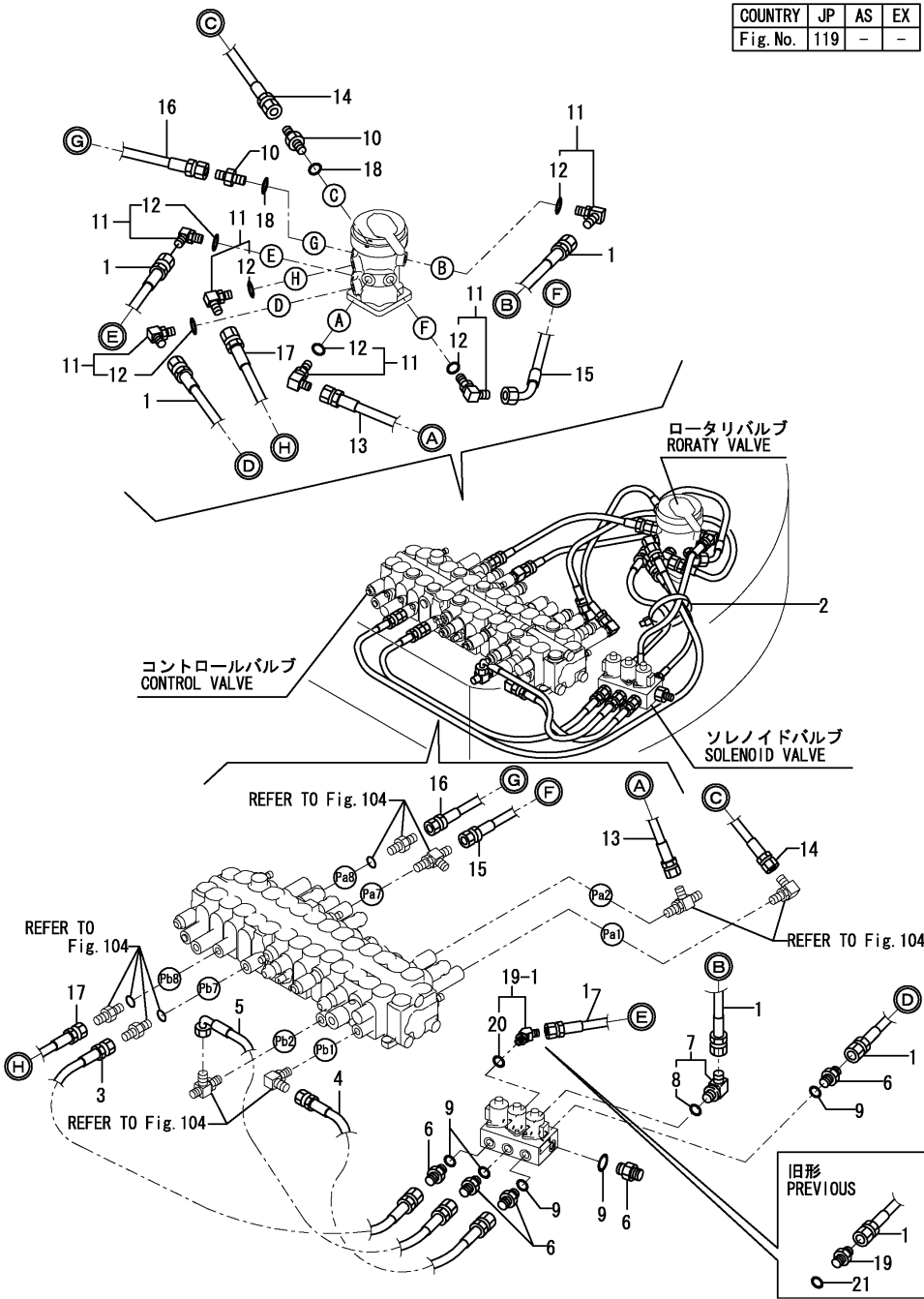
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76120	ADAPTER, PF1/4	8	8						
2	1	172187-78820	HOSE	1	1						
3	1	172187-78830	HOSE	1	1						
4	1	172187-78840	HOSE	1	1						
5	1	172187-78850	HOSE	1	1						
6	1	172187-78880	HOSE	1	1						
7	1	172187-79750	HOSE F603BB112	1	1						
8	1	172187-78900	HOSE	1	1						
9	1	172187-78910	HOSE	1	1						
10	1	172165-79810	SPONGE, HOSE	1	1						
11	1	172122-79930	CLAMP, HOSE	3	3						
12	1	24315-000110	O-RING, 1BP11.0	8	8						
13	1	172126-11510	BAND	2	2						
14	1	172187-79760	HOSE G604BB093	1	1						
15	1	172187-79770	HOSE G604BB031	1	1						
16	1	172187-79780	HOSE G604BC045	1	1						
17	1	172187-79790	HOSE G604CC182	1	1						
18	1	172123-76120	ADAPTER, PF1/4	5	5						
19	1	172141-76180	CONNECTOR ASSY	1	1						
20	2	24315-000110	O-RING, 1BP11.0	1	1						
21	1	24315-000110	O-RING, 1BP11.0	5	5						
22	1	172123-76120	ADAPTER, PF1/4	1	1						
22-1	1	172173-76100	CONNECTOR ASSY	1	1						N
(A=M/#05284) (B=M/#05284)											
23	2	24315-000110	O-RING, 1BP11.0	1	1						W
(A=M/#05284) (B=M/#05284)											
24	1	24315-000110	O-RING, 1BP11.0	1	1						Z
(A=M/#05284) (B=M/#05284)											

Fig.119. CONTROL PIPING(4-WAY ROTARY VALVE - CONTROL VALVE)(4-WAY MULTI CHANGE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

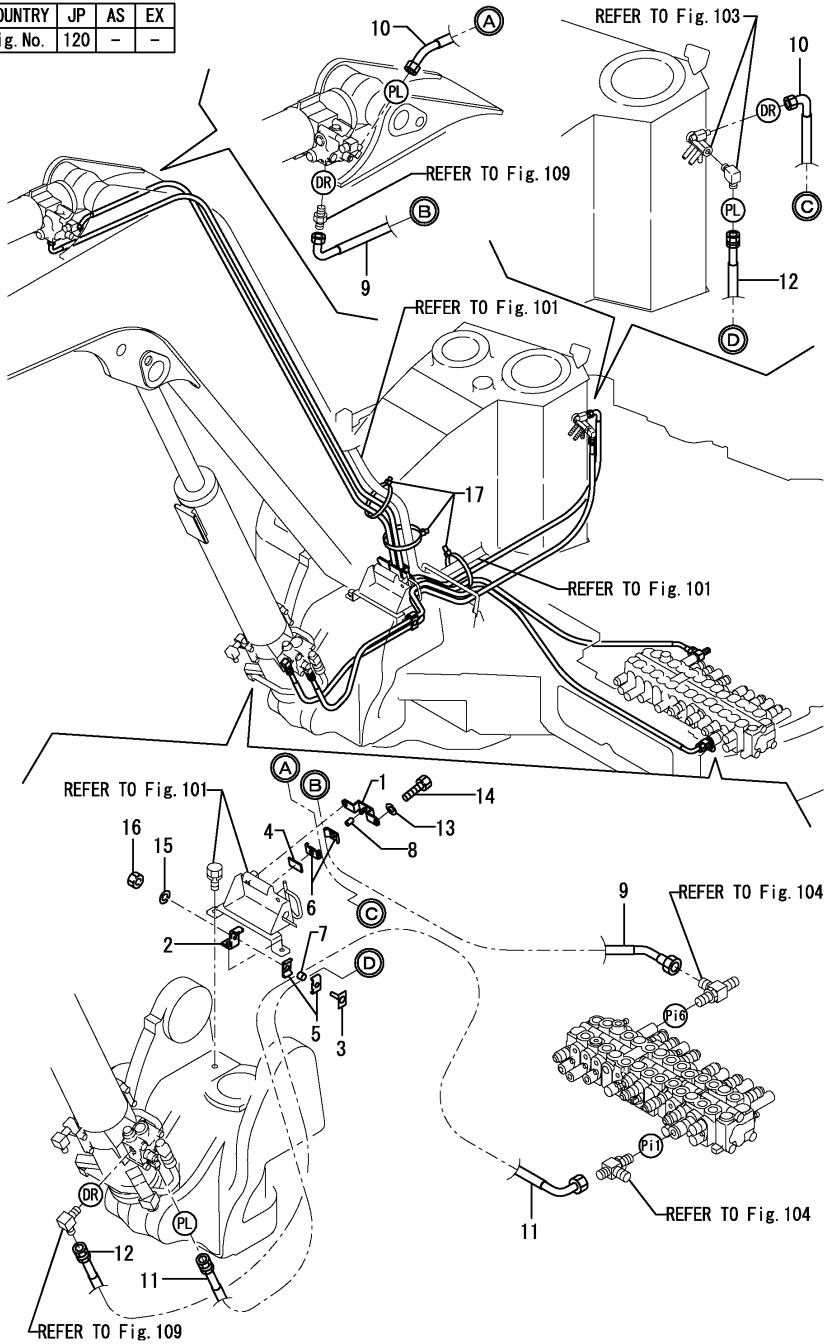


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-79800	HOSE	3	3						
2	1	172122-79930	CLAMP, HOSE	1	1						
3	1	172187-79760	HOSE G604BB093	1	1						
4	1	172187-79770	HOSE G604BB031	1	1						
5	1	172187-79780	HOSE G604BC045	1	1						
6	1	172123-76120	ADAPTER, PF1/4	5	5						
7	1	172141-76180	CONNECTOR ASSY	1	1						
8	2	24315-000110	O-RING, 1BP11.0	1	1						
9	1	24315-000110	O-RING, 1BP11.0	5	5						
10	2	172123-76120	ADAPTER, PF1/4	2	2						
11	2	172141-76180	CONNECTOR ASSY	6	6						
12	3	24315-000110	O-RING, 1BP11.0	6	6						
13	2	172187-78600	HOSE	1	1						
14	2	172187-78620	HOSE	1	1						
15	2	172187-78650	HOSE	1	1						
16	2	172187-78660	HOSE	1	1						
17	2	172187-78670	HOSE	1	1						
18	2	24315-000110	O-RING, 1BP11.0	2	2						
19	1	172123-76120	ADAPTER, PF1/4	1	1						
19-1	1	172173-76100	CONNECTOR ASSY	1	1						N
(A=M/#05284) (B=M/#05284)											
20	2	24315-000110	O-RING, 1BP11.0	1	1						W
(A=M/#05284) (B=M/#05284)											
21	1	24315-000110	O-RING, 1BP11.0	1	1						Z
(A=M/#05284) (B=M/#05284)											

Fig.120. CONTROL PIPING(CONTROL VALVE - CYLINDER - TANK)(4-WAY MULTI CHANGE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

COUNTRY	JP	AS	EX
Fig. No.	120	-	-



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-77700	SUPPORT, HOSE	1	1						
2	1	172187-77710	SUPPORT, HOSE	1	1						
3	1	172187-77740	PLATE ASSY	1	1						
4	1	172156-78500 (A=M/#01661) (B=M/#01661)	PLATE, RUBBER (C	1	1						Z
5	1	172156-78520	SUPPORT, HOSE	2	2						
6	1	172156-78520	SUPPORT, HOSE	2	2						
7	1	172156-78540	COLLAR, 9X18	1	1						
8	1	172156-78540	COLLAR, 9X18	1	1						
9	1	172187-79710	HOSE H204CE442	1	1						
10	1	172187-79720	HOSE H204CC445	1	1						
11	1	172187-79730	HOSE H204BC245	1	1						
12	1	172187-79741	HOSE	1	1						
13	1	22217-100000	WASHER, SPRING 10	2	2						
14	1	26116-100202	BOLT, M10X 20 PLATED	2	2						
15	1	22217-080000	WASHER, SPRING 8	1	1						
16	1	26716-080002	NUT, M8	1	1						
17	1	172122-79930	CLAMP, HOSE	3	3						

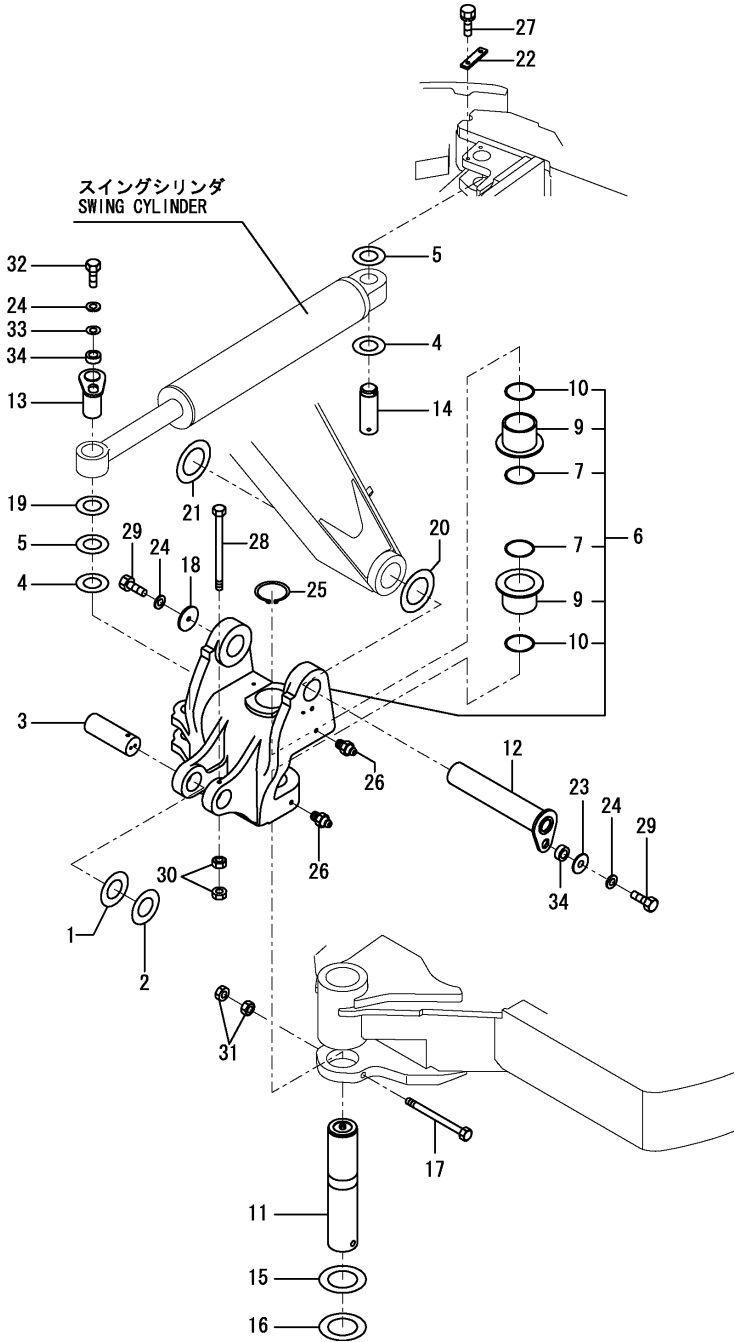


No.	Lev.	Parts No.	Description	(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C		(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172112-77580	JOINT, 1/8	1	1	1	1	1	1
2	1	172141-77800	JOINT, GREASE	4	4	4	4	4	4
3	1	172187-77800	HOSE	1	1	1	1	1	1
4	1	172187-77810	HOSE	2	2	2	2	2	2
5	1	172312-77820	FITTING, GREASE	1	1	1	1	1	1
6	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2
7	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1

Fig.122. BOOM BRACKET

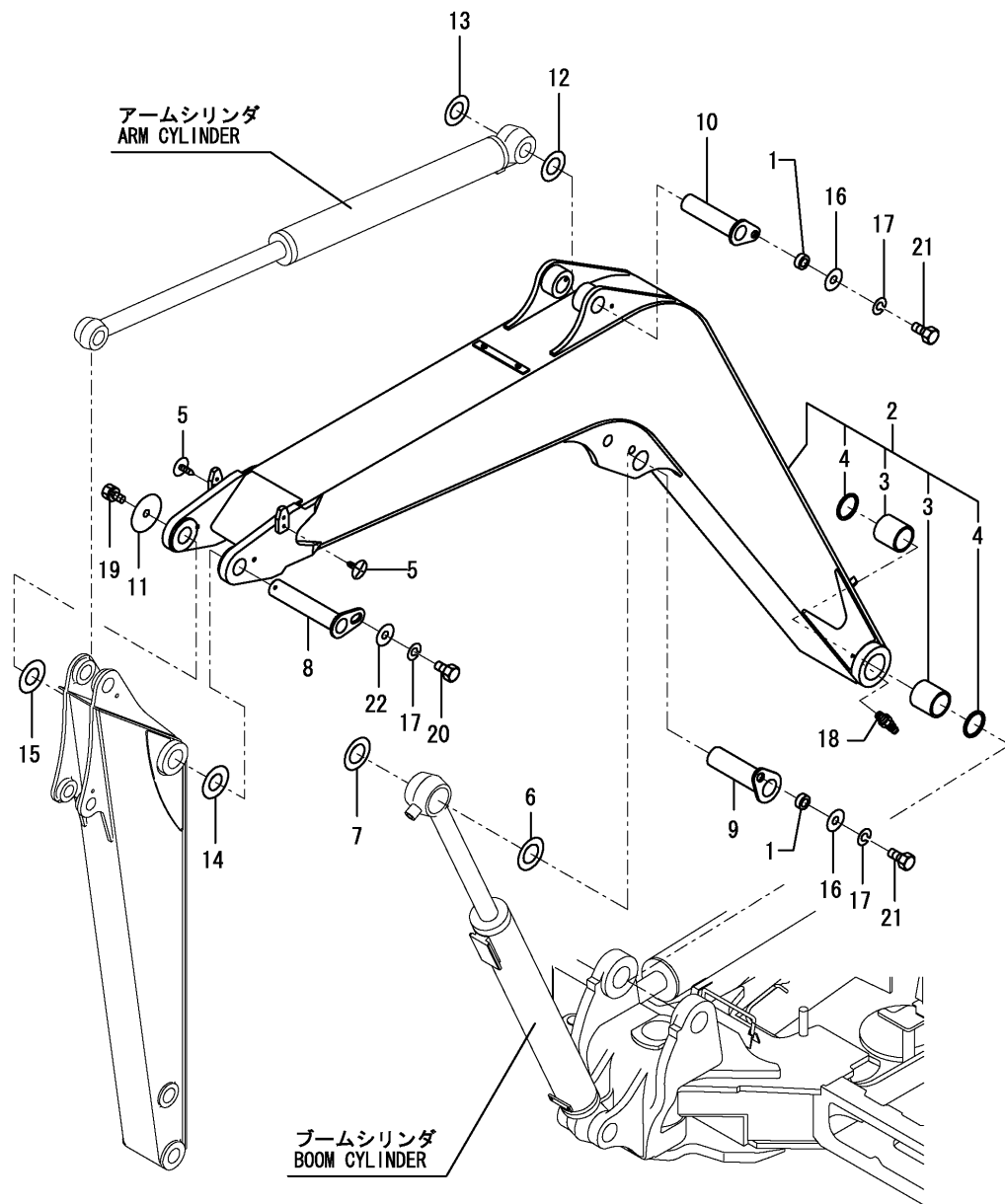
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-81470	SHIM	1							
1-1	1	172176-81710	SHIM	1	1	1	1	1	1	N	
(A=M/#00921)											
2	1	172187-81480	SHIM	1							
2-1	1	172176-81700	SHIM	1	1	1	1	1	1	N	
(A=M/#00921)											
3	1	172187-81800	PIN	1	1	1	1	1	1		
4	1	172147-82230	SHIM, 60X110X1.2	4	4	4	4	4	4		
5	1	172147-82250	SHIM, 60X110X0.5	4	4	4	4	4	4		
6	1	172187-82300	BRACKET, BOOM	1	1	1	1	1	1		
7	2	172162-81680	SEAL, DUST	2	2	2	2	2	2		
9	2	172187-82320	BUSH	2	2	2	2	2	2		
10	2	24321-001000	O-RING, 1AG100.0	2	2	2	2	2	2		
11	1	172187-82330	PIN ASSY	1	1	1	1	1	1		
12	1	172187-82340	PIN ASSY	1	1	1	1	1	1		
13	1	172187-82370	PIN ASSY	1	1	1	1	1	1		
14	1	172187-82390	PIN	1	1	1	1	1	1		
15	1	172187-82400	SHIM	1	1	1	1	1	1		
16	1	172187-82410	SHIM	1	1	1	1	1	1		
17	1	172187-82420	BOLT	1	1	1	1	1	1		
18	1	172187-82430	WASHER	1	1	1	1	1	1		
19	1	172187-82450	SHIM, 61X110X3.2	1	1	1	1	1	1		
20	1	172162-83600	SHIM	1	1	1	1	1	1		
21	1	172162-83610	SHIM	1	1	1	1	1	1		
22	1	172162-94280	PLATE, LOCK	1	1	1	1	1	1		
23	1	22157-140000	WASHER, 14	1	1	1	1	1	1		
24	1	22217-140000	WASHER, SPRING 14	3	3	3	3	3	3		
25	1	22242-001000	RING, 100	1	1	1	1	1	1		
26	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
27	1	26013-120302	BOLT, M12X 30	2	2	2	2	2	2		
28	1	26116-121402	BOLT, M12X165 PLATED	1	1	1	1	1	1		
29	1	26116-140252	BOLT, M14X 25 PLATED	2	2	2	2	2	2		
30	1	26716-120002	NUT, M12	2	2	2	2	2	2		
31	1	26716-180002	NUT, M18	2	2	2	2	2	2		
32	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1	1	1		
33	1	172187-81970	WASHER	1	1	1	1	1	1		
34	1	172155-45790	SPACER	2	2	2	2	2	2	W	
(A=M/#01217)											

Fig.123. BOOM



(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

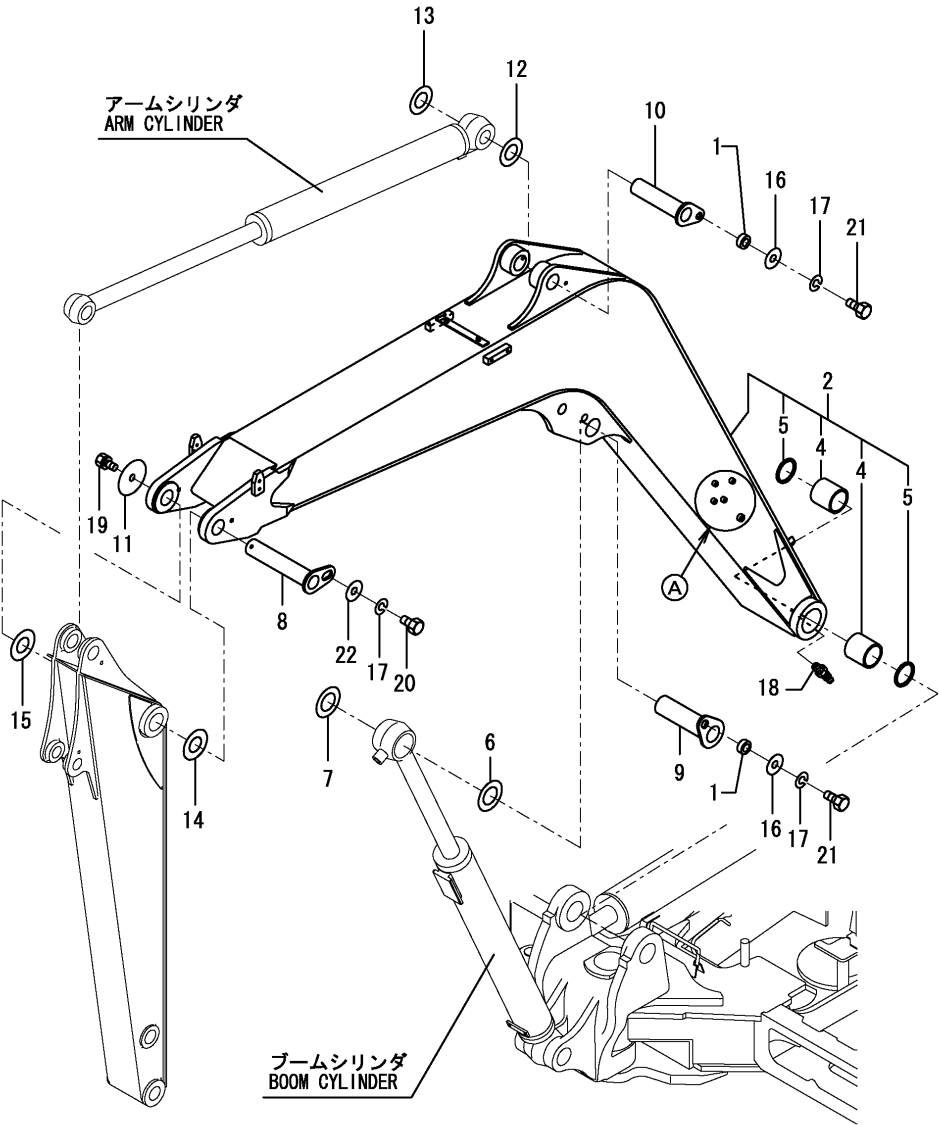
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2	2	2	2		
2	1	172187-81100	BOOM ASSY	1	1	1	1	1	1		
3	2	172162-81370	BUSH	2	2	2	2	2	2		
4	2	172162-81430	SEAL, DUST	2	2	2	2	2	2		
5	1	172183-81170	CLIP, TREE	2							Z
(A=M/#01217)											
6	1	172176-81700	SHIM	1	1	1	1	1	1		
7	1	172176-81710	SHIM	1	1	1	1	1	1		
8	1	172187-81750	PIN ASSY	1	1	1	1	1	1		
9	1	172187-81810	PIN ASSY	1	1	1	1	1	1		
10	1	172187-81840	PIN ASSY	1	1	1	1	1	1		
11	1	172147-82140	WASHER	1	1	1	1	1	1		
12	1	172147-82230	SHIM, 60X110X1.2	1	1	1	1	1	1		
13	1	172147-82250	SHIM, 60X110X0.5	1	1	1	1	1	1		
14	1	172162-83560	SHIM	1	1	1	1	1	1		
15	1	172162-83570	SHIM	1	1	1	1	1	1		
16	1	22157-140000	WASHER, 14	2	2	2	2	2	2		
17	1	22217-140000	WASHER, SPRING 14	3	3	3	3	3	3		
18	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1		
19	1	26013-120252	BOLT, M12X 25	1	1	1	1	1	1		
20	1	26116-140252	BOLT, M14X 25 PLATED	1	1	1	1	1	1		
21	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2	2	2	2		
22	1	172187-81970	WASHER	1	1	1	1	1	1		

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

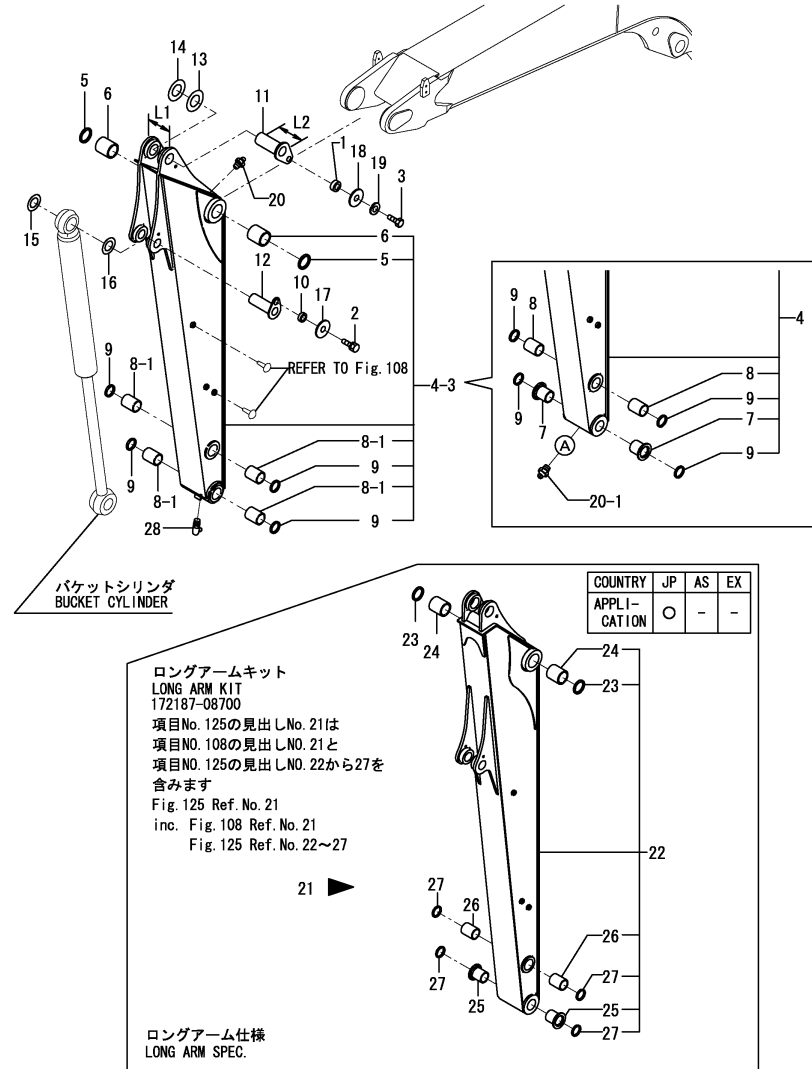
COUNTRY	JP	AS	EX
Fig. No.	124	-	-



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2						
2	1	172187-81050	BOOM ASSY, CRANE	1	1						
4	3	172162-81370	BUSH	2	2						
5	3	172162-81430	SEAL, DUST	2	2						
6	1	172176-81700	SHIM	1	1						
7	1	172176-81710	SHIM	1	1						
8	1	172187-81750	PIN ASSY	1	1						
9	1	172187-81810	PIN ASSY	1	1						
10	1	172187-81840	PIN ASSY	1	1						
11	1	172147-82140	WASHER	1	1						
12	1	172147-82230	SHIM, 60X110X1.2	1	1						
13	1	172147-82250	SHIM, 60X110X0.5	1	1						
14	1	172162-83560	SHIM	1	1						
15	1	172162-83570	SHIM	1	1						
16	1	22157-140000	WASHER, 14	2	2						
17	1	22217-140000	WASHER, SPRING 14	3	3						
18	1	24761-040000	NIPPLE, GREASE B	1	1						
19	1	26013-120252	BOLT, M12X 25	1	1						
20	1	26116-140252	BOLT, M14X 25 PLATED	1	1						
21	1	26116-140352	BOLT, M14X 35 PLATED	2	2						
22	1	172187-81970	WASHER	1	1						

Remarks
* A PART IS DIFFERENT WITH STANDARD SPEC.

Fig.125. ARM

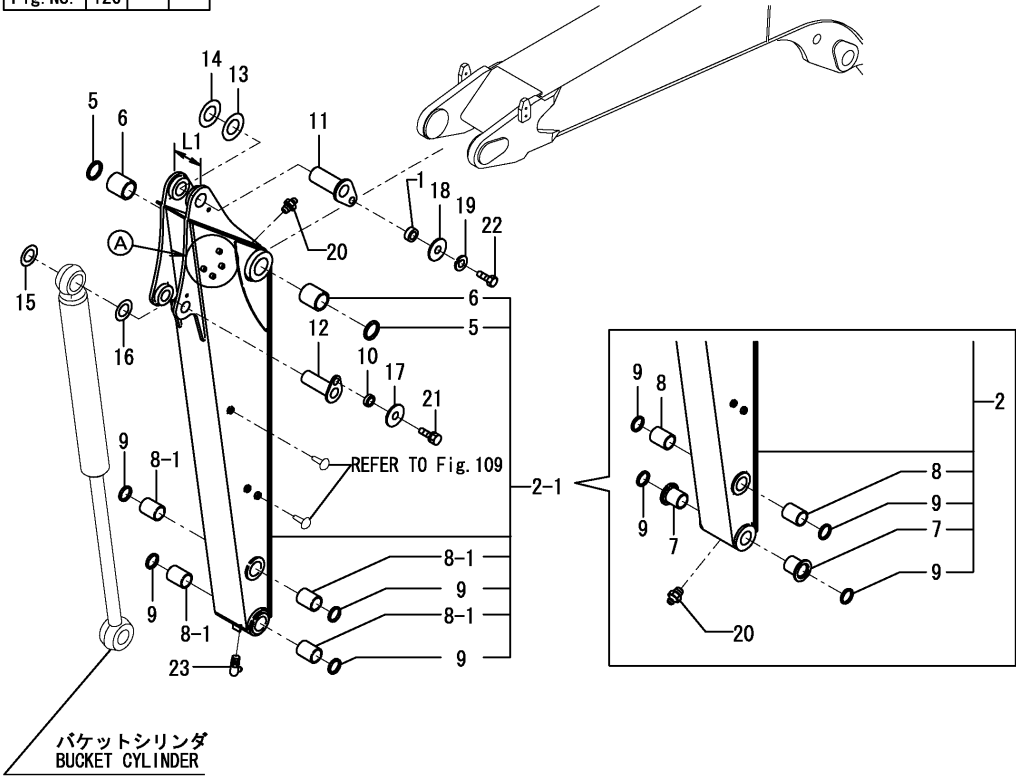


Remarks
(1)L1=REF.NO.4=139.5MM,NO.4-1=149.5MM
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.11-1
(2)L2=REF.NO.11=144MM,NO.11-1=155MM.
(3)LONG ARM SPEC.
(4)A=REF.NO.4-1 WITHOUT HOLE,
REF.NO.4-2 PT1/8.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITE REF.NO.20-1.

				OCK10-M33003 Fig.125							
				(A)=VIO70(JP)C (B)=VIO70(JP)P (C)=VIO70(AS)C				(D)=VIO70(AS)P (E)=VIO70(EX)C (F)=VIO70(EX)P			
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1	1	1	1	1		
2	1	26013-120302	BOLT, M12X 30	1	1	1	1	1	1		
3	1	26116-140352	BOLT, M14X 35 PLATED	1	1	1	1	1	1		
4	1	172187-81500	ARM ASSY	1							
4-1	1	172187-81501	ARM ASSY	1						F	1
(A=M00556)											
4-2	1	172187-81502	ARM ASSY	1	1	1	1	1	1	1	F 4
(A=M00688)											
4-3	1	172187-81503	ARM ASSY	1	1	1	1	1	1	1	R
(A=M/#05469) (B=M/#05469) (C=M/#05469) (D=M/#05469) (E=M/#05469) (F=M/#05469)											
5	2	172162-81050	SEAL, DUST 60X75X6	2	2	2	2	2	2		
6	2	172147-81400	BUSH	2	2	2	2	2	2		
7	2	172187-81700	BUSH 50-60	2	2	2	2	2	2	2	Z
(A=M/#05469) (B=M/#05469) (C=M/#05469) (D=M/#05469) (E=M/#05469) (F=M/#05469)											
8	2	172187-81710	BUSH	2	2	2	2	2	2		
8-1	2	172187-81710	BUSH	4	4	4	4	4	4	4	K
(A=M/#05469) (B=M/#05469) (C=M/#05469) (D=M/#05469) (E=M/#05469) (F=M/#05469)											
9	2	172162-82340	SEAL, DUST 50X60X6	4	4	4	4	4	4	4	
10	1	172164-81670	SPACER	1	1	1	1	1	1	1	
11	1	172187-81860	PIN 60X144	1							
11-1	1	172187-81861	PIN	1	1	1	1	1	1	1	S 2
(A=M/#00556)											
12	1	172187-81880	PIN ASSY	1	1	1	1	1	1	1	
13	1	172147-82230	SHIM, 60X110X1.2	1	1	1	1	1	1	1	
14	1	172147-82250	SHIM, 60X110X0.5	1	1	1	1	1	1	1	
15	1	172165-82520	SHIM	1	1	1	1	1	1	1	
16	1	172165-82530	SHIM	1	1	1	1	1	1	1	
17	1	22157-120000	WASHER, 12	1	1	1	1	1	1	1	
18	1	22157-140000	WASHER, 14	1	1	1	1	1	1	1	
19	1	22217-140000	WASHER, SPRING 14	1	1	1	1	1	1	1	
20	1	24761-020000	NIPPLE, GREASE PT1/8	1							
20-1	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2	2	K
(A=M/#00688)											
20-2	1	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1	1	1	1	K
(A=M/#05469) (B=M/#05469) (C=M/#05469) (D=M/#05469) (E=M/#05469) (F=M/#05469)											
21	1	172187-08700	ARM KIT, LONG	1	1						3
22	2	172187-81010	ARM ASSY	1	1						
23	3	172162-81050	SEAL, DUST 60X75X6	2	2						
24	3	172147-81400	BUSH	2	2						
25	3	172187-81700	BUSH 50-60	2	2						
26	3	172187-81710	BUSH	2	2						
27	3	172162-82340	SEAL, DUST 50X60X6	4	4						
28	1	24761-040000	NIPPLE, GREASE B	1	1	1	1	1	1	1	W
(A=M/#05469) (B=M/#05469) (C=M/#05469) (D=M/#05469) (E=M/#05469) (F=M/#05469)											

Fig.126. ARM(CRANE SPEC.)

COUNTRY	JP	AS	EX
Fig. No.	126	-	-



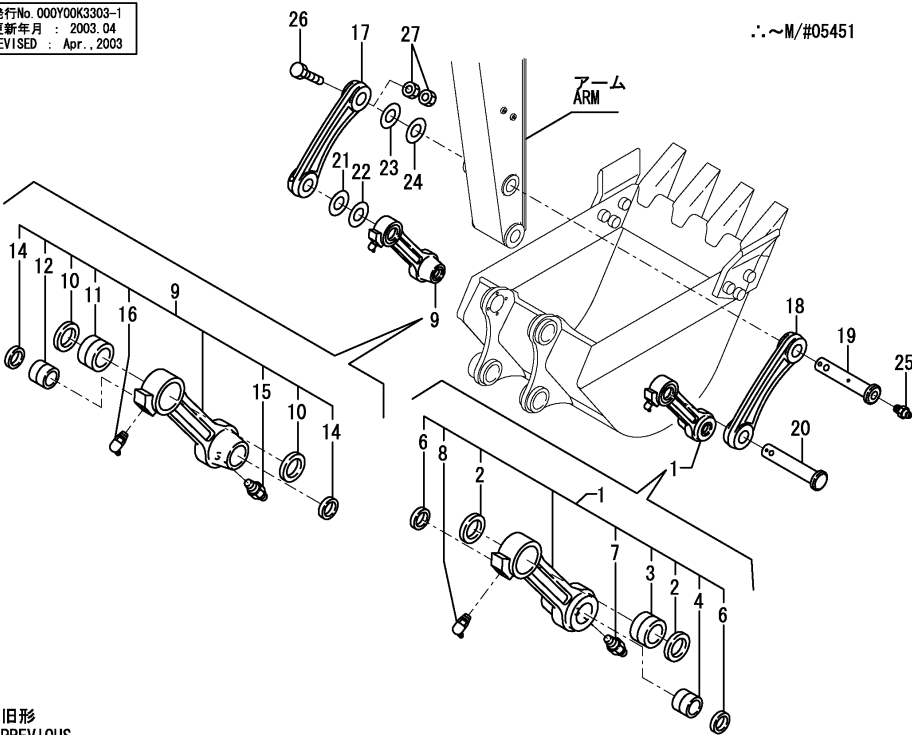
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

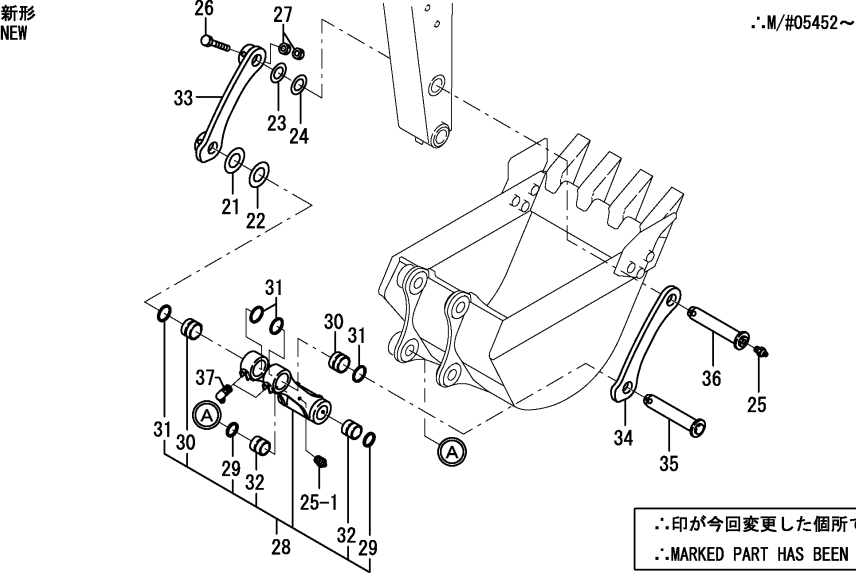
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	1	1						
2	1	172187-81070	ARM ASSY, CRANE	1	1						
2-1	1	172187-81071	ARM ASSY, CRANE 1650	1	1						R
(A=M/#05469) (B=M/#05469)											
5	3	172162-81050	SEAL, DUST 60X75X6	2	2						
6	3	172147-81400	BUSH	2	2						
7	3	172187-81700	BUSH 50-60	2	2						Z
(A=M/#05469) (B=M/#05469)											
8	3	172187-81710	BUSH	2	2						
8-1	3	172187-81710	BUSH	4	4						K
(A=M/#05469) (B=M/#05469)											
9	3	172162-82340	SEAL, DUST 50X60X6	4	4						
10	1	172164-81670	SPACER	1	1						
11	1	172187-81861	PIN	1	1						
12	1	172187-81880	PIN ASSY	1	1						
13	1	172147-82230	SHIM, 60X110X1.2	1	1						
14	1	172147-82250	SHIM, 60X110X0.5	1	1						
15	1	172165-82520	SHIM	1	1						
16	1	172165-82530	SHIM	1	1						
17	1	22157-120000	WASHER, 12	1	1						
18	1	22157-140000	WASHER, 14	1	1						
19	1	22217-140000	WASHER, SPRING 14	1	1						
20	1	24761-020000	NIPPLE, GREASE PT1/8	2	2						
20-1	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						K
(A=M/#05469) (B=M/#05469)											
21	1	26013-120302	BOLT, M12X 30	1	1						
22	1	26116-140352	BOLT, M14X 35 PLATED	1	1						
23	1	24761-040000	NIPPLE, GREASE B	1	1						W
(A=M/#05469) (B=M/#05469)											

Remarks
* A PART IS DIFFERENT WITH STANDARD SPEC.

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PREVIOUS



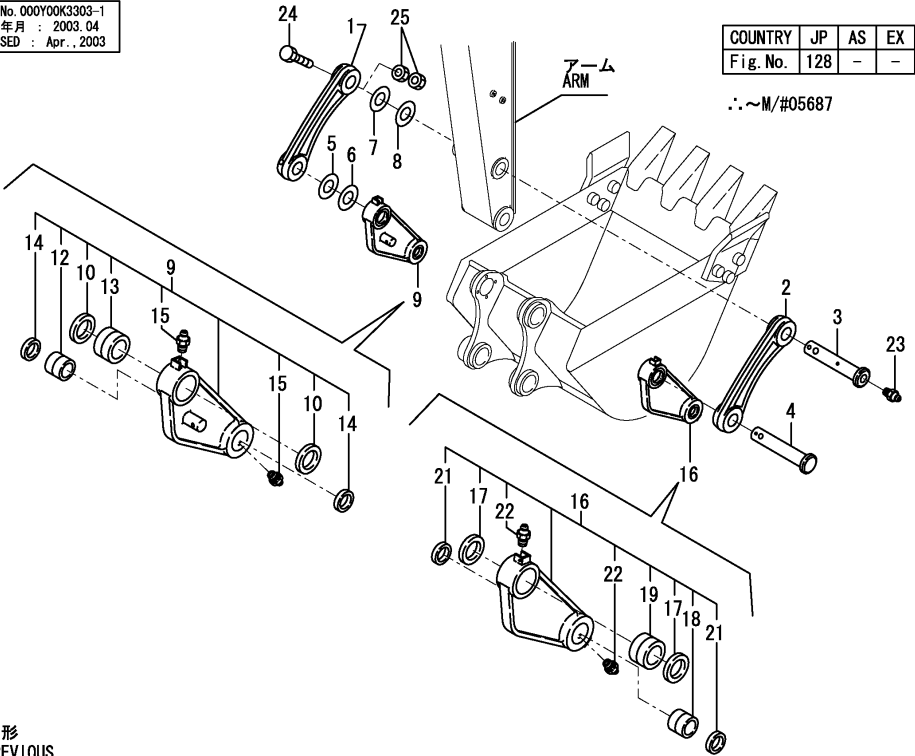
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
34	1	172455-82391	ARM, BUCKET (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	1	1	1	1	1	1	W	
35	1	172455-83350	PIN ASSY (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	1	1	1	1	1	1	W	
36	1	172455-83360	PIN ASSY (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	1	1	1	1	1	1	W	
37	1	24761-050000	NIPPLE, GREASE C (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	2	2	2	2	2	2	W	

Fig.128. BUCKET ARM & LINK(CRANE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

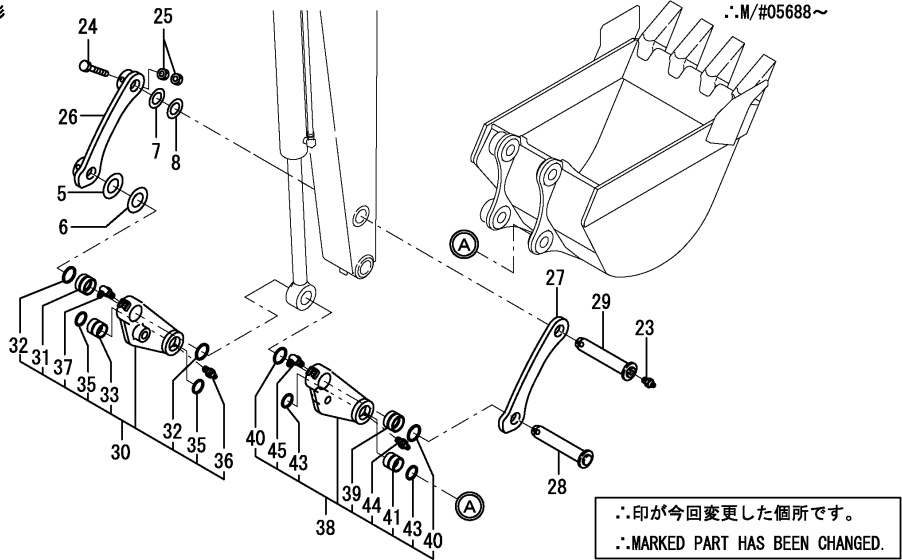
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

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更新年月 : 2003.04
REVISED : Apr., 2003



旧形
PREVIOUS

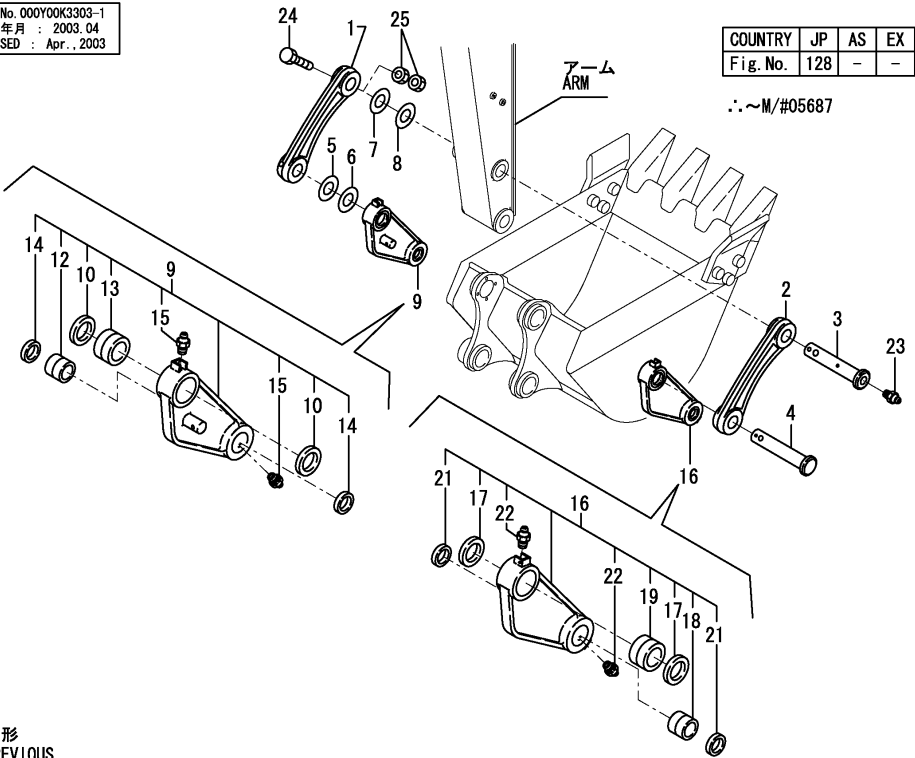
新形
NEW



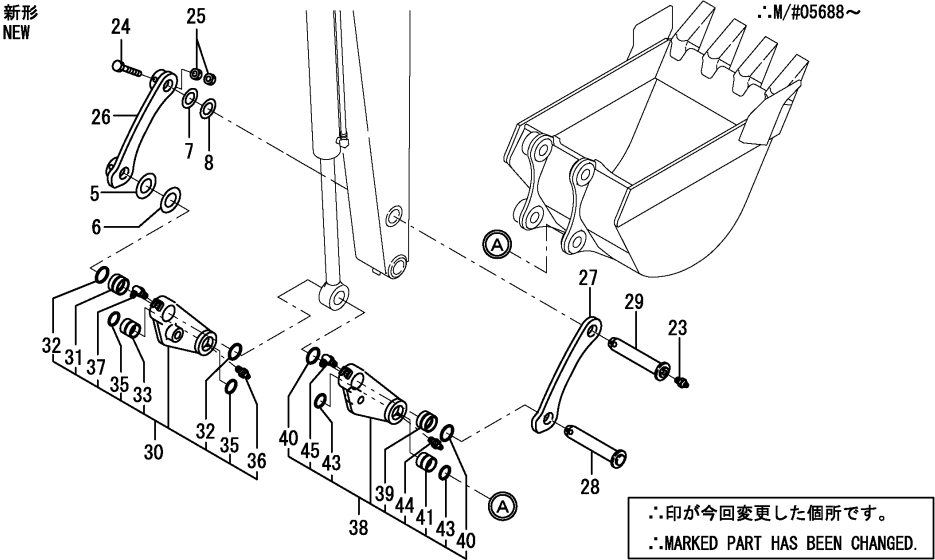
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	182900-55970	ARM, BUCKET (A=M/#05688) (B=M/#05688)	1	1						Z
2	1	182900-55980	ARM, BUCKET (A=M/#05688) (B=M/#05688)	1	1						Z
3	1	172187-81940	PIN 50X272 (A=M/#05688) (B=M/#05688)	1	1						Z
4	1	172187-82220	PIN 60X272 (A=M/#05688) (B=M/#05688)	1	1						Z
5	1	172147-82230	SHIM, 60X110X1.2	1	1						
6	1	172147-82250	SHIM, 60X110X0.5	1	1						
7	1	172165-82520	SHIM	1	1						
8	1	172165-82530	SHIM	1	1						
9	1	172187-83010	LINK, BUCKET (A=M/#05688) (B=M/#05688)	1	1						Z
10	2	182900-53650	SEAL	2	2						
10-1	2	172187-83180	SEAL, DUST 60X75X4 (A=M/#05146) (B=M/#05146)	2	2						R
12	2	172187-83040	BUSH	1	1						
13	2	172187-83050	BUSHING 60X75X50.5	1	1						
14	2	172511-91320	SEAL, DUST 50X60X4	2	2						
15	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
16	1	172187-83110	LINK, BUCKET (A=M/#05688) (B=M/#05688)	1	1						Z
17	2	182900-53650	SEAL	2	2						
17-1	2	172187-83180	SEAL, DUST 60X75X4 (A=M/#05146) (B=M/#05146)	2	2						R
18	2	172187-83040	BUSH	1	1						
19	2	172187-83050	BUSHING 60X75X50.5	1	1						
21	2	172511-91320	SEAL, DUST 50X60X4	2	2						
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
23	1	24761-020000	NIPPLE, GREASE PT1/8	1	1						
24	1	26116-161202	BOLT, M16X120 PLATED	2	2						
25	1	26716-160002	NUT, M16	4	4						
26	1	172455-82380	ARM, BUCKET (A=M/#05688) (B=M/#05688)	1	1						W
27	1	172455-82391	ARM, BUCKET (A=M/#05688) (B=M/#05688)	1	1						W
28	1	172455-83350	PIN ASSY (A=M/#05688) (B=M/#05688)	1	1						W
29	1	172455-83360	PIN ASSY (A=M/#05688) (B=M/#05688)	1	1						W
30	1	172455-84300	LINK, BUCKET (A=M/#05688) (B=M/#05688)	1	1						W
30-1	1	172455-84301	LINK, BUCKET (A=M/#05565) (B=M/#05565)	1	1						N
31	2	172455-82360	BUSH	1	1						
32	2	172455-82410	SEAL, DUST 60X70X4	2	2						
33	2	172187-83040	BUSH	1	1						
35	2	172511-91320	SEAL, DUST 50X60X4	2	2						
36	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
37	2	24761-050000	NIPPLE, GREASE C	1	1						

Fig.128. BUCKET ARM & LINK(CRANE SPEC.)

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REVISED : Apr. , 2003



旧形
PREVIOUS



印が今回変更した箇所です。
MARKED PART HAS BEEN CHANGED.

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

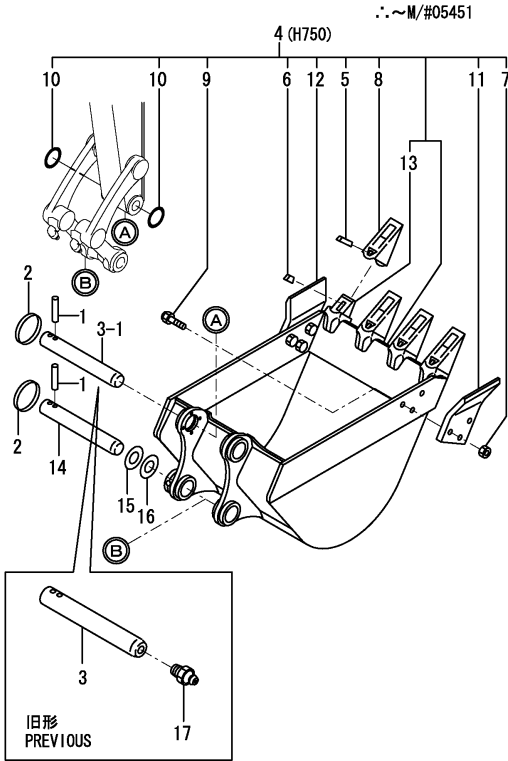
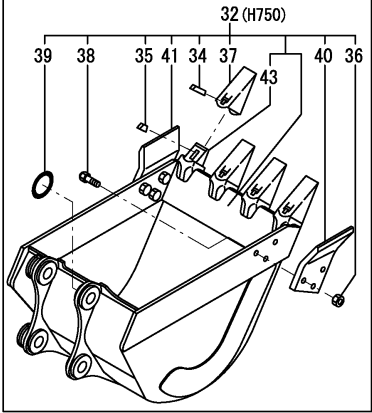
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	1	172455-84351	LINK, BUCKET	1	1						W
		(A=M/#05688) (B=M/#05688)									
39	2	172455-82360	BUSH	1	1						
40	2	172455-82410	SEAL, DUST 60X70X4	2	2						
41	2	172187-83040	BUSH	1	1						
43	2	172511-91320	SEAL, DUST 50X60X4	2	2						
44	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
45	2	24761-050000	NIPPLE, GREASE C	1	1						

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

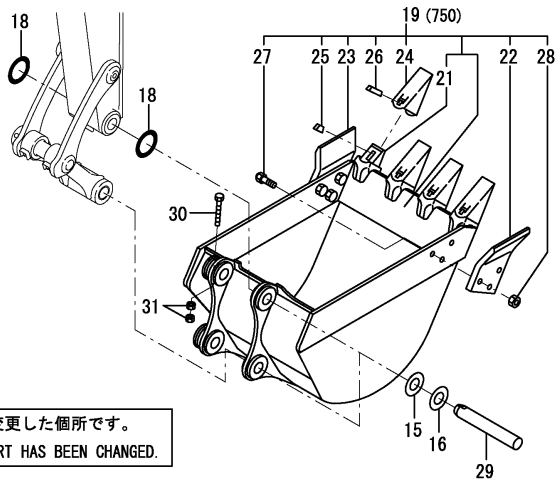
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REVISED : Apr., 2003

Hタイプ(オプション)
H TYPE (OPTION)



旧形
PREVIOUS

新形
NEW



△印が今回変更した箇所です。
△.MARKED PART HAS BEEN CHANGED.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	182900-56140	PIN (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	2	2	2	2	2	2	Z	
2	1	182900-56150	RING (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	2	2	2	2	2	2	Z	
3	1	172187-81780	PIN 50X296	1							
3-1	1	172187-82230	PIN 50X296 (A=M/#00688)	1	1	1	1	1	1	S	
3-2	1	172187-82230	PIN 50X296 (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	1	1	1	1	1	1	Z	
4	1	172187-82200	BUCKET ASSY (A=M/#05452) (B=M/#05452) (C=M/#05452)	1	1	1		1	1	Z	
5	2	182900-49030	PIN	4	4	4		4	4		
6	2	182900-49040	PIN	4	4	4		4	4		
7	2	182900-49100	NUT	6	6	6		6	6		
8	2	182900-49940	TOOTH	4	4	4		4	4		
9	2	182900-53360	BOLT	6	6	6		6	6		
10	2	182900-54220	O-RING	2	2	2		2	2		
11	2	182900-56080	SIDE CUTTER	1	1	1		1	1		
12	2	182900-56090	SIDE CUTTER	1	1	1		1	1		
13	3	182900-55270	ADAPTER	4	4	4		4	4		
14	1	172187-82230	PIN 50X296 (A=M/#05452) (B=M/#05452) (C=M/#05452)	1	1	1		1	1	Z	
15	1	172162-83540	SHIM (A=M/#05452) (B=M/#05452) (C=M/#05452)	2	2	2	2	2	2		
16	1	172162-83550	SHIM	2	2	2	2	2	2		
17	1	24761-020000	NIPPLE, GREASE PT1/8 (A=M/#00688)	1						Z	
18	1	172162-82360	O-RING	2	2	2	2	2	2	W	
19	1	172455-82490	BUCKET ASSY, 750S (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	1	1	1				W	
21	3	172455-82671	ADAPTER (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	4	4	4		4	4		
22	2	172455-82650	CUTTER, SIDE	1	1	1		1	1		
23	2	172455-82660	CUTTER, SIDE	1	1	1		1	1		
24	2	172455-82681	TOOTH, POINT	4	4	4		4	4		
25	2	172455-82691	PIN, RUBBER	4	4	4		4	4		
26	2	172455-82701	PIN, LOCK	4	4	4		4	4		
27	2	172455-82710	BOLT	6	6	6		6	6		
28	2	172455-82720	NUT	6	6	6		6	6		
29	1	172455-83340	PIN (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	2	2	2	2	2	2	W	
30	1	26116-161302	BOLT, M16X130 PLATED (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	2	2	2	2	2	2	W	
31	1	26716-160002	NUT, M16 (A=M/#05452) (B=M/#05452) (C=M/#05452) (D=M/#05452)	4	4	4	4	4	4	W	
32	1	172187-82700	BUCKET ASSY	1	1						1
34	3	182900-49030	PIN	4	4						
35	3	182900-49040	PIN	4	4						
36	3	182900-49100	NUT	6	6						
37	3	182900-49940	TOOTH	4	4						
38	3	182900-53360	BOLT	6	6						
39	3	182900-54220	O-RING	2	2						

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

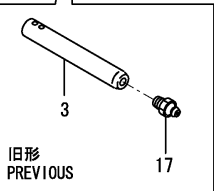
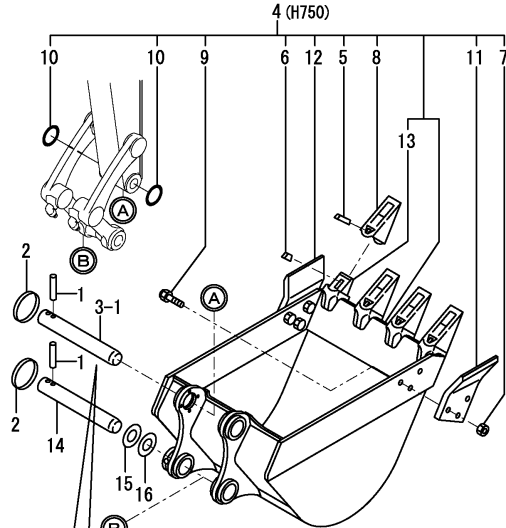
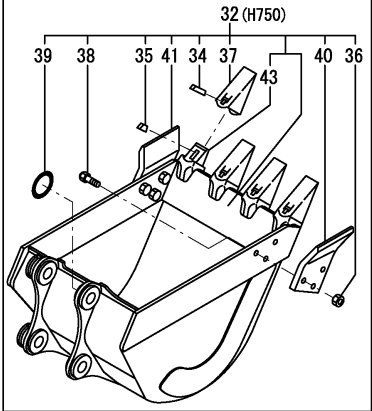
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	3	182900-56080	SIDE CUTTER	1	1						
41	3	182900-56090	SIDE CUTTER	1	1						
43	3	182900-55270	ADAPTER	4	4						

発行No. 000Y00K3303-1
更新年月 : 2003. 04
REVISED : Apr., 2003

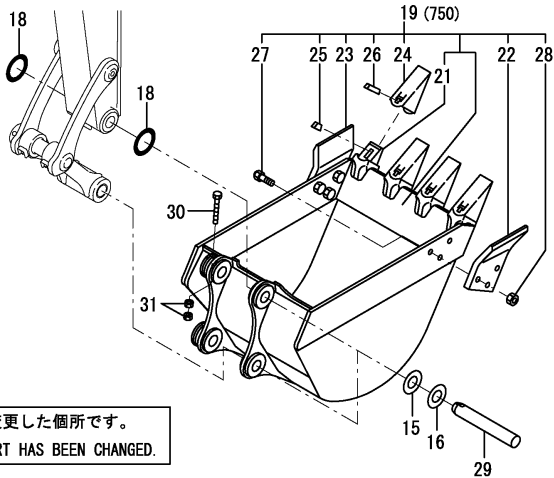
∴~M/#05451

Hタイプ(オプション)
H TYPE (OPTION)



旧形
PREVIOUS

新形
NEW



∴M/#05452~

∴印が今回変更した個所です。
∴MARKED PART HAS BEEN CHANGED.

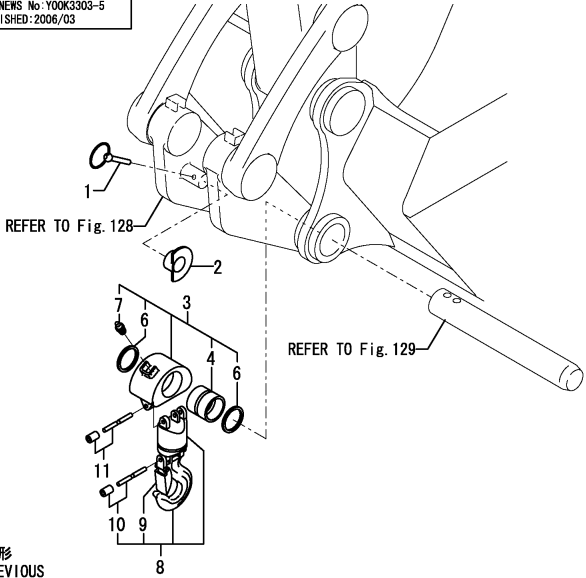
Remarks
(1)OPTIONAL

Fig.130. HOOK(CRANE SPEC.)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

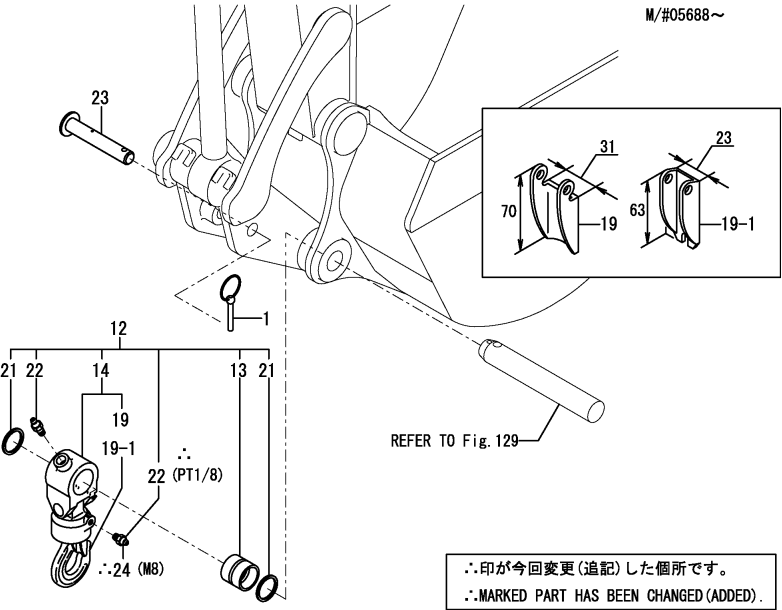
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

P/C NEWS No:YOOK3303-5
PUBLISHED:2006/03



~M/#05687

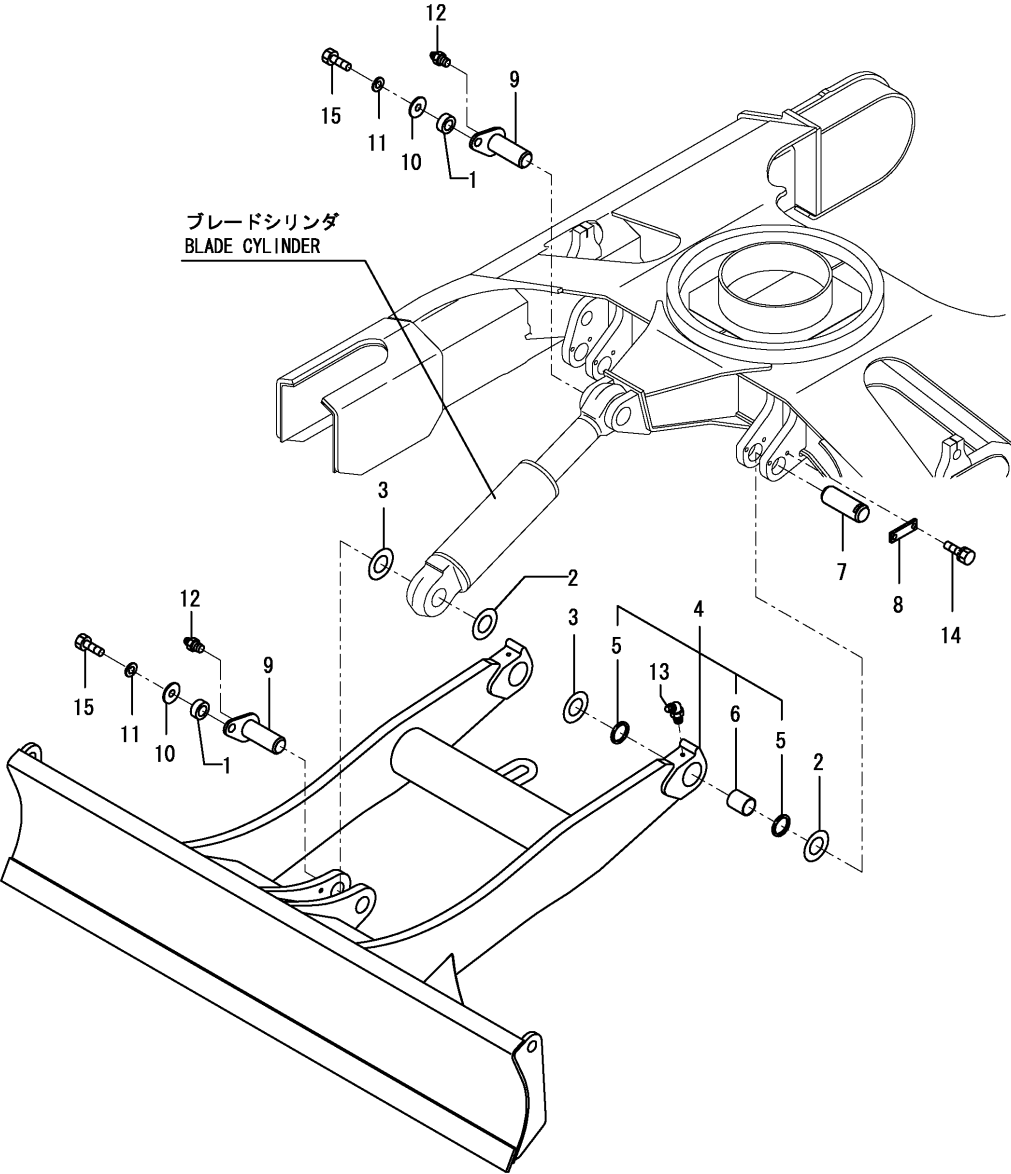
M/#05688~



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	794130-71410	PIN ASSY, BALL	1	1						
2	1	172187-83150	COLLAR ASSY	1	1					Z	
(A=M/#05688) (B=M/#05688)											
3	1	172187-83200	BOSS, HOOK	1	1					Z	1
(A=M/#05688) (B=M/#05688)											
4	2	172187-83040	BUSH	1	1						
6	2	172511-91320	SEAL, DUST 50X60X4	2	2						
7	2	24761-020000	NIPPLE, GREASE PT1/8	1	1						
8	1	172187-83250	HOOK ASSY	1	1					Z	1
(A=M/#05688) (B=M/#05688)											
9	2	172455-84160	RATCH ASSY, CRANE	1	1						
10	2	172187-83260	LOCKING SET	1	1						
11	1	172187-83260	LOCKING SET	1	1						
12	1	172455-84100	HOOK ASSY	1	1						W
(A=M/#05688) (B=M/#05688)											
13	2	172187-83040	BUSH	1	1						
14	2	172455-84110	HOOK ASSY, CRANE	1	1						2
19	4	172455-84160	RATCH ASSY, CRANE	1	1						
19-1	4	172455-84161	RATCH ASSY, CRANE	1	1						S
(A=XXX) (B=XXX)											
21	2	172511-91320	SEAL, DUST 50X60X4	2	2						
22	2	24761-020000	NIPPLE, GREASE PT1/8	2	2						
23	1	172455-84370	PIN, HOOK	1	1						W
(A=M/#05688) (B=M/#05688)											
24	1	172425-83270	NIPPLE, GREASE M8	1	1						W 3
(A=M/#05688) (B=M/#05688)											

Remarks
(1)INTERCHANGABLE WITH REF.NO.12
(2)NOT SOLD EXCEPT REF.NO.19A PARTS.
(3)REPAIR PART.

Fig.131. BLADE



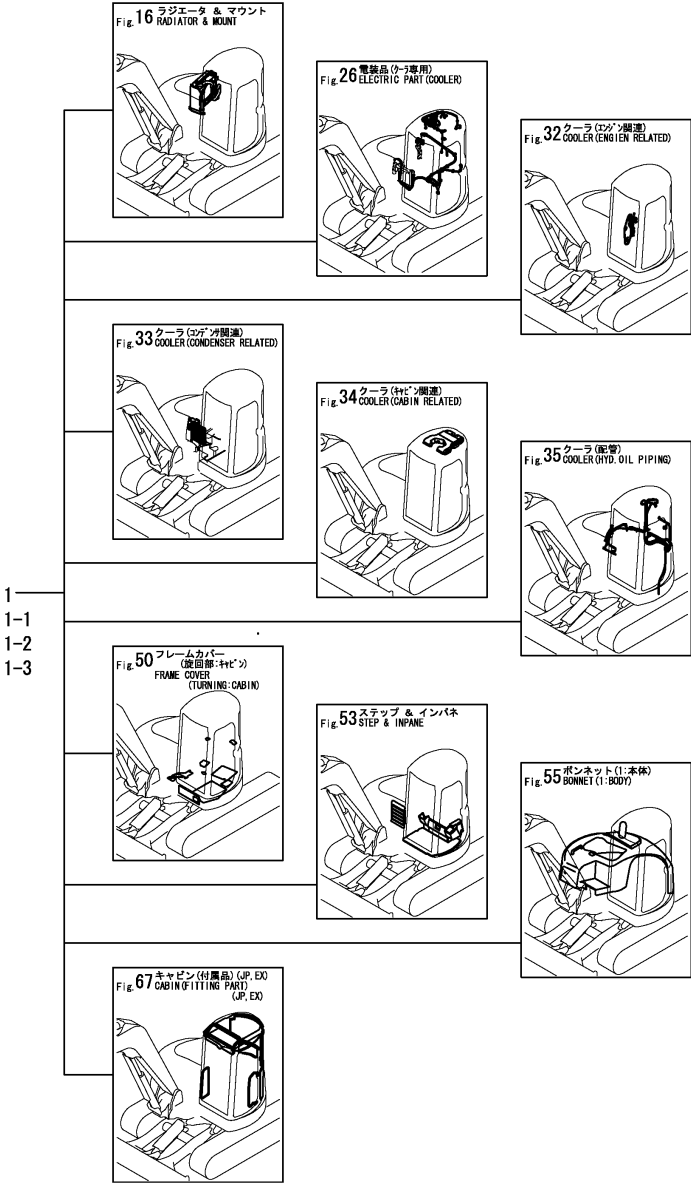
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172155-45790	SPACER	2	2	2	2	2	2		
2	1	172147-82230	SHIM, 60X110X1.2	4	4	4	4	4	4		
3	1	172147-82250	SHIM, 60X110X0.5	4	4	4	4	4	4		
4	1	172187-94100	BLADE ASSY	1	1	1	1	1	1		
4-1	1	172187-94101	BLADE ASSY	1	1	1	1	1	1	R	
(A=M/#05345) (B=M/#05345) (C=M/#05345) (D=M/#05345)				(E=M/#05345) (F=M/#05345)							
5	2	172162-81050	SEAL, DUST 60X75X6	4	4	4	4	4	4		
6	2	172162-81060	BUSH	2	2	2	2	2	2		
7	1	172162-94270	PIN	2	2	2	2	2	2		
8	1	172162-94280	PLATE, LOCK	2	2	2	2	2	2		
9	1	172187-94300	PIN ASSY	2	2	2	2	2	2		
10	1	22157-140000	WASHER, 14	2	2	2	2	2	2		
11	1	22217-140000	WASHER, SPRING 14	2	2	2	2	2	2		
12	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2	2		
13	1	24761-040000	NIPPLE, GREASE B	2	2	2	2	2	2		
14	1	26013-120302	BOLT, M12X 30	4	4	4	4	4	4		
15	1	26116-140352	BOLT, M14X 35 PLATED	2	2	2	2	2	2		

OCK10-M33003 VEHICLE VIO70(JP,AS,EX)
Fig.132. COOLER KIT(OPTIONAL)

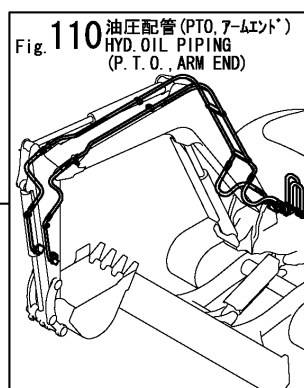
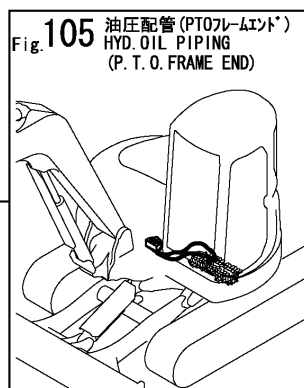
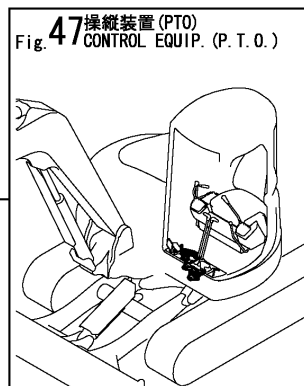
(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C

(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P



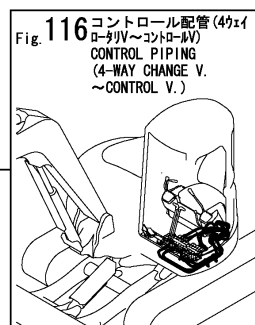
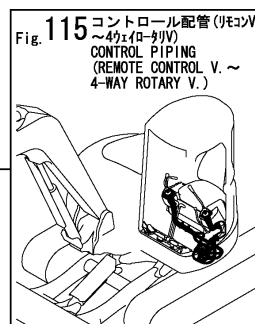
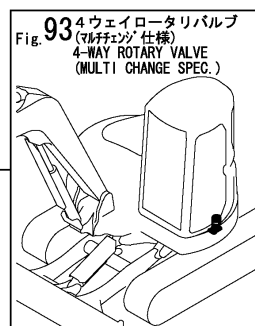
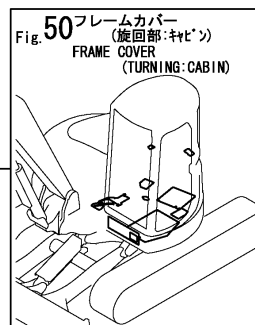
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08100	COOLER KIT	1							
1-1	1	172187-08110	COOLER KIT	1							Q
(A=M/#00597)											
1-2	1	172187-08120	COOLER KIT	1							Q
(A=M/#00924)											
1-3	1	172187-08130	COOLER KIT	1						S	1
(A=M/#00934)											

Remarks
(1)COOLER KIT:D(REF.NO.1-3)IS THE SA-
ME AS DELETED PART NO.129951-01740
& PART NO.172187-61370 AND ADD
PART NO.172187-61372



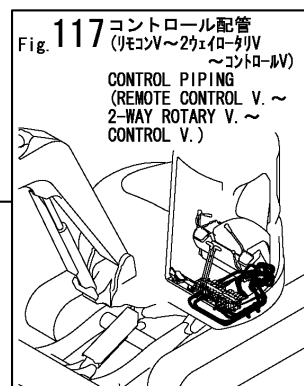
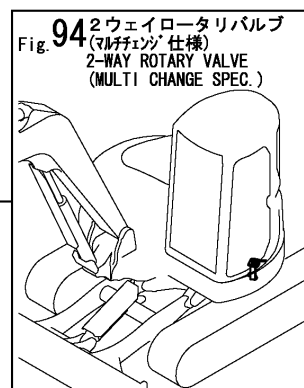
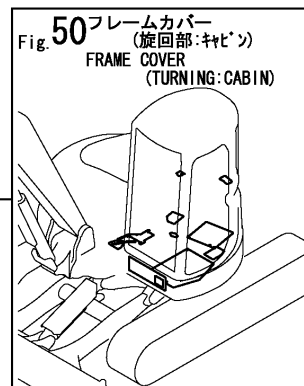
PTO配管のまったく付いていない
標準仕様に配管、リンク及び配管を
加える改装部品です。
PARTS IN ORDER TO ADD PIPING,
LINK & COVER TO STANDARD SPEC.
WITH NO P.T.O. PIPING.

[illegible]



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

[illegible]



1

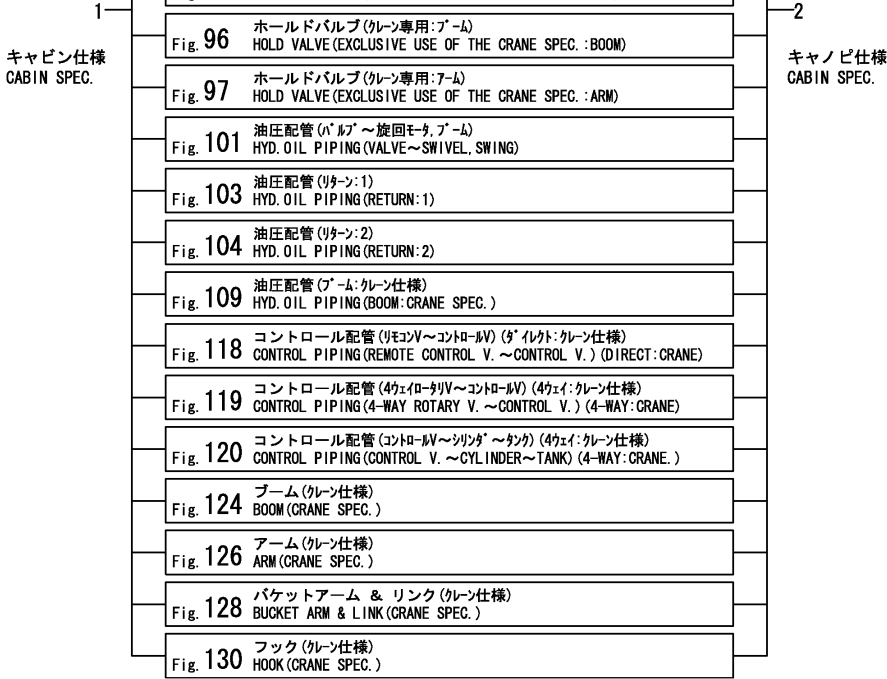
標準操作パターン(JIS. ヤンマーパターン)を
ワンタッチで小松パターンに変更可能なりモ
コンバルブ等を追加する為の部品です。
REMOTE CONTROL VALVE PARTS, ETC. WHICH CAN
CHANGE FROM STANDARD OPERATION PATTERN
(JIS. YANMAR PATTERN) TO KOMATSU
PATTERN PROMPTLY.

[illegible]

Fig.136. CRANE KIT(OPTIONAL)

(A)=VIO70(JP)C
(B)=VIO70(JP)P
(C)=VIO70(AS)C
(D)=VIO70(AS)P
(E)=VIO70(EX)C
(F)=VIO70(EX)P

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-08570	CRANE KIT, CABIN	1							
1-1	1	172187-08571	CRANE KIT, CABIN	1							R
(A=MXXXXXX)											
2	1	172187-08560	CRANE KIT, CANOPY		1						
2-1	1	172187-08561	CRANE KIT, CANOPY		1						R
(B=MXXXXXX)											



Parts No. Index

Parts No.	Fig. No.	Ref. No.
101720-55750	17	36
102103-55520	17	31
104200-11920	17	2
104200-55321	17	27
104200-55330	17	28
104200-55341	17	29
104200-55750	17	37
104200-92350	11	2
110250-55610	17	32
119225-52102	17	25
119247-77100	21	22
	26	15
119259-44570	16	51
119620-66820	14	19
119640-92750	11	3
119650-77910	21	24
119808-12540	12	24
121250-44590	16	52
121250-49121	16	31
121254-55510	17	30 -1
121256-44600	16	28
121257-55720	17	33
121257-55731	17	34
121450-44531	16	23
121450-49100	16	30
121450-49110	16	29
121470-44540	1	31
	3	31
	4	31
	6	31
121470-44581	16	25
121850-55710	17	38 -1
124064-55510	17	30
124450-44550	16	27
124450-44560	16	24
124764-44810	2	16
	5	16
124766-59050	16	33
	17	41
	98	10
129062-12560	12	25
129062-12570	12	26
129136-77200	21	23
129335-55700	17	26
129335-55705	17	26 -1
129466-96240	32	10
129900-42461	32	34
129951-01740	32	31
171064-44510	16	21
171064-44520	16	22

Parts No.	Fig. No.	Ref. No.
171081-55910	17	38
171301-92750	11	4
172020-10100	74	1
172020-10101	74	1 -1
172020-10111	74	3
172020-10112	74	3 -1
172020-10141	74	6
172020-10220	74	4
		11
172020-10230	74	7
172020-10250	74	10
172020-10251	74	10 -1
172020-10290	74	13
172020-10320	74	9
	82	9
172020-10340	74	14
172020-10350	74	15
172020-10360	74	18
172020-10370	74	16
172020-10380	74	19
	82	14
172020-10500	76	1
172020-10510	76	2
172020-10610	76	3
172020-10620	76	4
		6
	78	8
	80	5
		8
	82	3
		6
172020-10650	76	5
172020-10680	76	7
172020-10700	76	8
172020-10720	76	11
172020-10730	76	12
	80	14 -1
172020-10740	80	2
172020-10750	76	13
172020-10760	76	14
172020-10770	76	15
172020-10780	76	16
172020-10790	76	17
172020-10800	76	21
172020-10810	76	18
	80	3
172020-10860	76	19
	80	2 -1
172020-10900	78	1
172020-10910	78	3

Parts No.	Fig. No.	Ref. No.
172020-10940	78	6
172020-11000	78	7
172020-11030	78	9
172020-11040	78	10
172020-11060	78	13
172020-11070	78	15
172020-11150	80	1
172020-11151	80	1 -1
172020-11160	80	4
172020-11161	80	4 -1
172020-11230	80	6
172020-11250	80	7
172020-11280	80	9
172020-11300	80	10
172020-11320	80	13
172020-11330	80	14
172020-11340	80	15
172020-11350	80	17
172020-11400	82	1
172020-11410	82	2
172020-11450	82	4
		7
172020-11470	82	5
172020-11500	82	8
172020-11520	82	11
172020-11530	82	15
172020-11540	82	12
172020-11600	74	17
172020-11610	74	20
172020-11620	74	27
172020-11630	76	20
172020-11640	76	22
172020-11650	76	29
172020-11660	78	14
172020-11661	78	14 -1
172020-11670	78	16
172020-11680	78	23
172020-11690	80	16
172020-11700	80	18
172020-11710	80	25
172020-11720	82	13
172020-11730	82	16
172020-11740	82	23
172068-28490	47	2
		3
	73	48
	74	48
	96	1
	97	1
172110-45150	47	4

Parts No.	Fig. No.	Ref. No.
172110-76020	102	1
172110-78320	17	42
172111-16890	59	2
	60	2
172112-16201	18	10
172112-74971	98	4
		32
172112-75770	98	7
172112-75780	98	8
172112-77360	101	5
		6
	102	6
	107	16
	109	32
172112-77580	121	1
172116-46630	47	23
172116-74150	86	9
		19
	87	3
		44
		48
	88	3
	89	3
		38
		40
		59
172116-74430	89	29
172116-75850-4	98	20
172120-17710	30	2
172122-05101	11	17
172122-13310	33	1
	34	1
172122-16590	20	20
	26	2
	28	5
172122-16600	17	24
172122-17190	59	39
	60	39
	61	42
	62	42
	63	42
	71	21
172122-37843	37	29
172122-37844	37	29 -1
172122-46590	43	25
	44	32
	47	22
172122-73860	85	6
172122-73870	85	7
172122-73890	85	11 -2

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172122-74790	103	1
172122-79890	16	56
	35	19
172122-79920	14	32
		40
	19	26
	27	8
172122-79930	14	33
	29	7
		7 -1
	101	32
	102	20
		21
	103	27
	104	24
	108	16
	113	11
		11 -1
	114	11
	115	13
	116	13
	117	17
		17 -1
	118	11
	119	2
	120	17
172123-76120	104	1
		2
		3
	107	1
	109	34
	113	1
	114	1
	115	1
		15
	116	1
	117	1
		11
	118	1
		18
		22
	119	6
		10
		19
172124-13500	16	15
172124-46200	40	4
	43	16
	44	7
	47	11
172124-65480	57	12

Parts No.	Fig. No.	Ref. No.
172126-11510	19	1
	26	1
	32	1
	35	1
	113	13
	114	15
	115	17
	117	19
	118	13
172126-16540	28	3
172131-78350	19	12
	54	28
172137-12270	13	4
	14	43
172137-16560	20	1
		2
		3
172137-46040	15	11
	71	4
172137-53970	71	5
172137-68120	59	17
	60	17
	61	17
	62	17
	63	17
172141-03170	1	9
	3	9
	4	9
	6	9
172141-03202	1	12
	3	12
	4	12
	6	12
	7	1
	9	1
172141-03360	1	18
	2	13
	3	18
	4	18
	5	13
	6	18
172141-03440	2	18
	5	18
	8	2
	10	2
	17	7
172141-14260	23	10
172141-17150	21	18
172141-17211	21	18
172141-41340	43	1
172141-41360	41	7

Parts No.	Fig. No.	Ref. No.
172141-41360	44	3
	45	4
		19
	46	6
	47	14
172141-41370	40	7
	43	3
		6
	44	38
	47	7
	70	4
		7
172141-50890	49	2
172141-74430	72	99
172141-76090	103	10 -1
172141-76180	104	7
		25
		30
	109	30
	115	2
	116	2
	118	19
	119	7
		11
172141-76900	101	3
	138	14
172141-77800	121	2
172142-03302	1	16
	3	16
	4	16
	6	16
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953KM0-02019	38	42
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953KM0-10894	93	12 -1

Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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Parts No.	Fig. No.	Ref. No.
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