

0CK10-M37602EN

P R E F A C E

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

2. Parts catalog history

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

3. Model name

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

(Note) C:Cabin spec. P:Canopy spec. JP:Japan EX:export except U. S. A. & Australia

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

Directions for the Parts Catalog.

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

OCF10-G21601

29. FUEL INJECTION PUMP(W/BOOST)

①

REF.

②

LEV.

PARTS NO.

DESCRIPTION

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

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

Q'TY

(A) (B) (C) (D) (E) (F)

③ I

⑤ R

1	1	729595-51390	FUEL INJECTION PUMP	1	1	1	1	1		1
1-1	1	729595-51391	FUEL INJECTION PUMP	1	1	1	1	1		N 1
		(A=E00185)	(B=E00200)							
3	2	26022-060162	SCREW M 6X 16	9	9	9	9	9		
3-1	④ 2	26022-060162	SCREW M 6X 16	4	4	4	4	4		K
		(A=E00156)	(B=E00156)	(C=E00156)	(D=E00156)	(E=E00156)				
4	2	129470-51040	CAMSHAFT	1	1	1	1	1		
5	2	122710-51050	BEARING, ROLLER	2	2	2	2	2		
6	2	129470-51060	RETAINER	1	1	1	1	1		

Remarks

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

① Ref. No.

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

(Ex.) Illustration No.

List Ref No.

1

1

(Before change)

1-1

(After change)

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

② Lev. (Level)

Level indication

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

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

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

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

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

③ Interchangeability Mark

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

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

④ Effective Machine No.

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

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

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

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

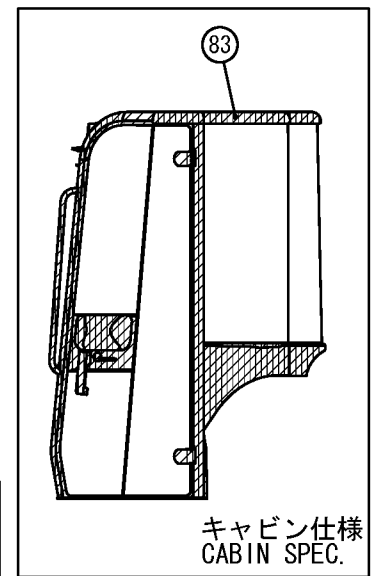
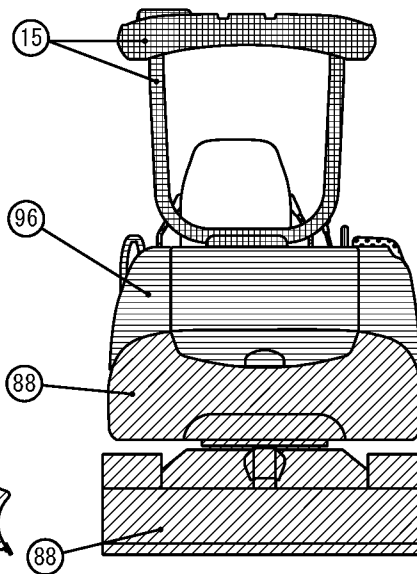
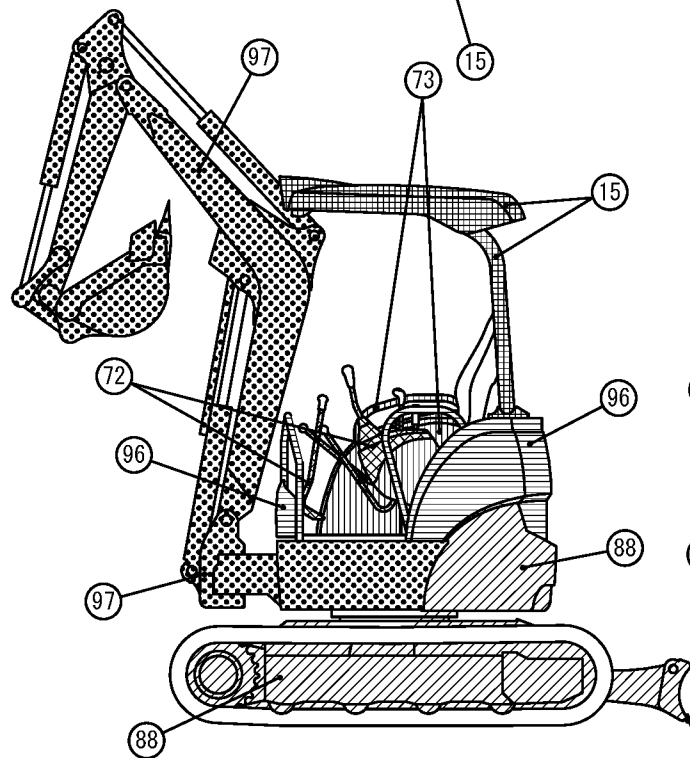
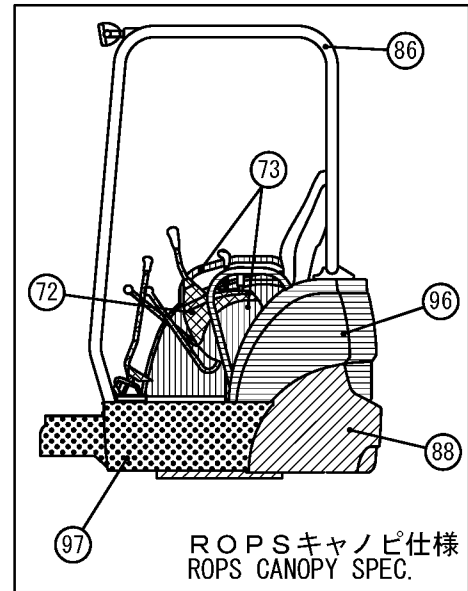
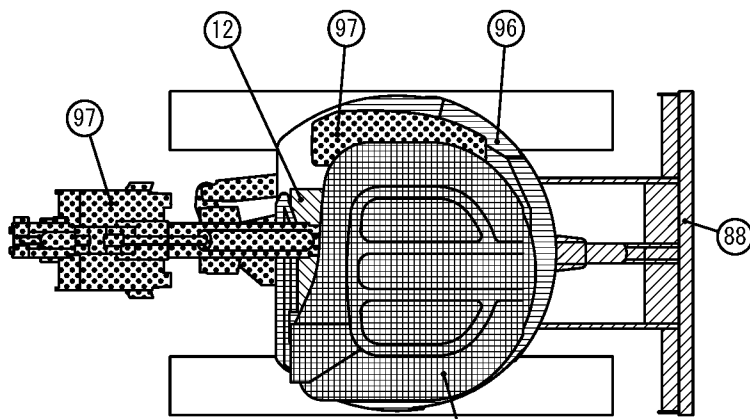
Note 3) (A=E00185) is the E (Engine Serial Number) for the column (A) model (in this case 4JH-DT) after the parts design change.

⑤ Remarks Mark

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

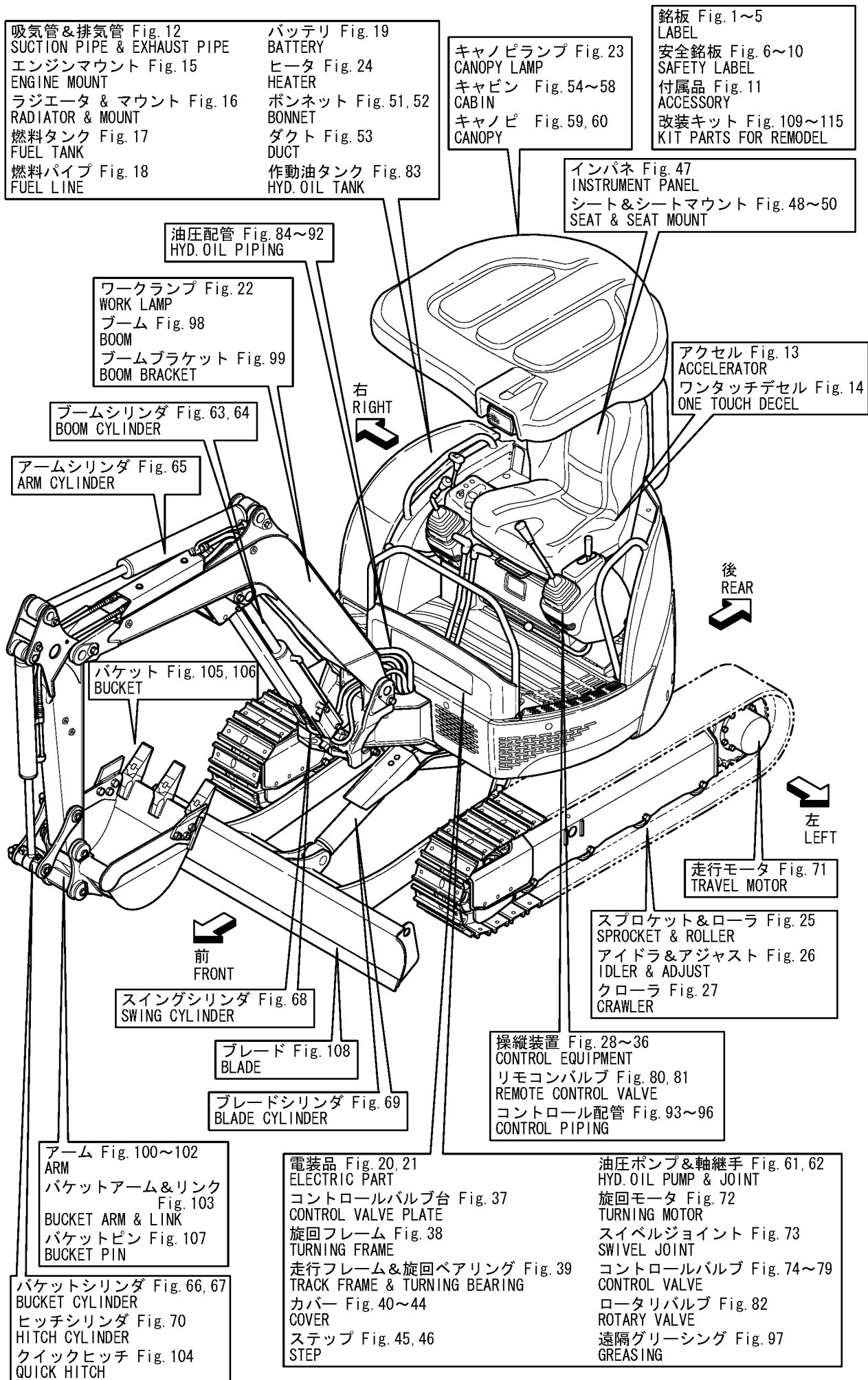
The comments (remarks) on parts that are indicated at the bottom of the illustration are the same symbols as those stated above.

本機塗装色 VEHICLE PAINTED COLOR



色区分 Color Code	表示 Desc- ription	塗装色 Painted Color	マンセル記号 Munsell No.	塗料部品番号 (Paint Part No.)		
				16L缶 (16L Can)	4L缶 (4L Can)	スプレー (SPRAY)
88		ヤンマー新ディーブグリーン YANMAR New Deep Green	0. 6B2. 2/4. 2	981101-09588	977620-40880	977620-30881
97		ヤンマーピーコックグリーン YANMAR Peacock Green	3. 85B65. 31/9. 15	981101-09597	977620-40970	977620-30971
96		ヤンマーシトラスグリーン YANMAR Citrus Green	4. 84GY8. 42/6. 99	981101-09599	977620-40990	977620-30991
72		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	5. 39Y2. 92/0. 78	-----	977620-40720	TOR-90460003
15		ナチュラルホワイト Natural White	1. 38GY7. 15/0. 48	-----	-----	977620-30301
73		ヤンマーワームグレー YANMAR Warm Gray	7Y5. 3/0. 8	-----	-----	TOR-90450003
12		ヤンマーブラック YANMAR Black	4. 90PB0. 08/0. 41	-----	TOR-91220001	TOR-90220003
86		ヤンマー新グレイッシュグリーン YANMAR New Grayish Green	2. 62BG4. 76/2. 87	981101-09616	977620-40860	977620-30861
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	2. 14G 4. 87/1. 52	981101-09615	977620-40830	977620-30N41

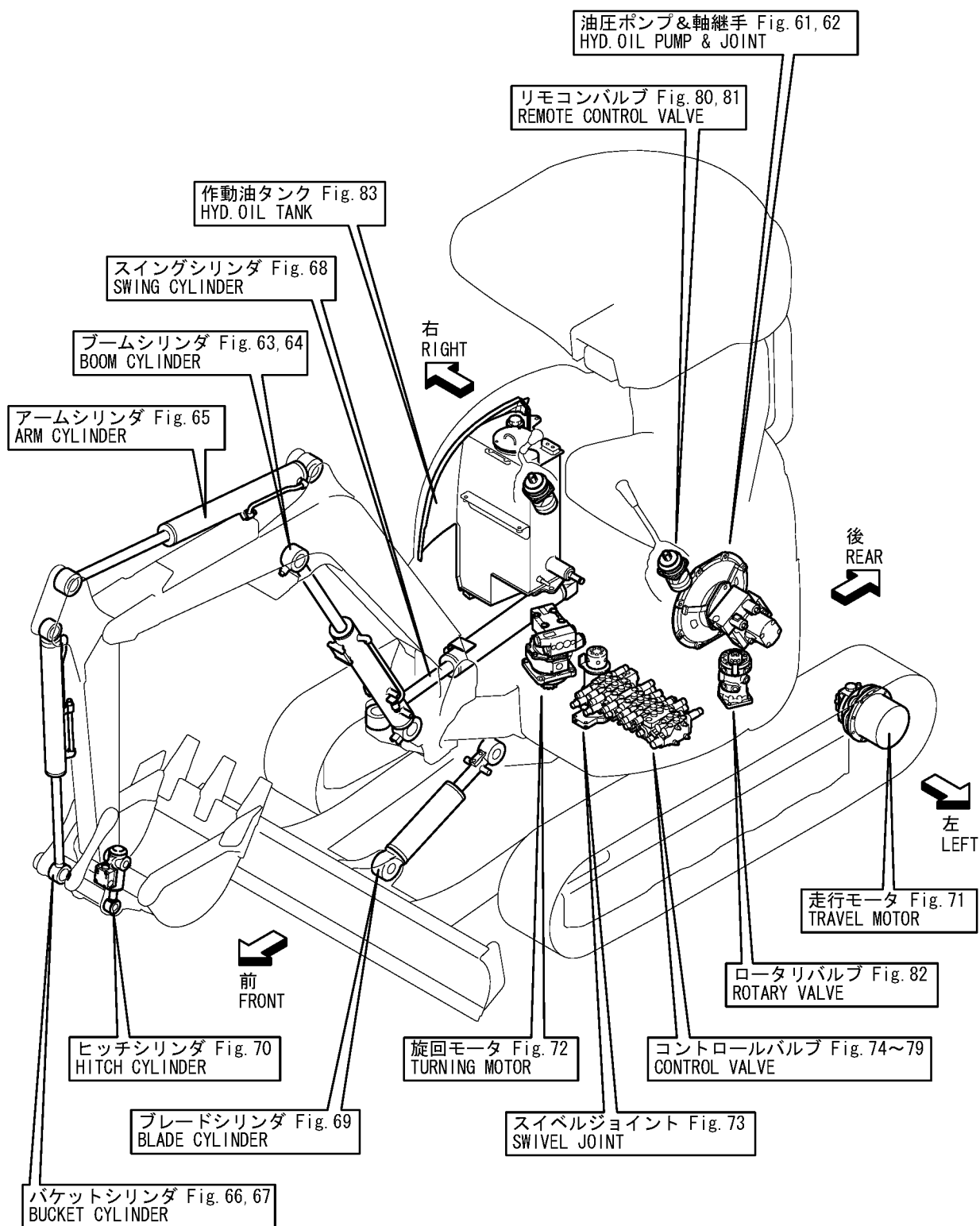
絵目次 (1) 主要部分 PICTURESQUE INDEX (1) . . . MAIN PARTS



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

油圧配管 Fig. 84~92
 HYD. OIL PIPING

コントロール配管 Fig. 93~96
 CONTROL PIPING



Contents

0CK10-M37602

Fig. No. Fig. Name

LABEL & ACCESSORY

1. LABEL(CABIN)(JP)
2. LABEL(CANOPY)(JP)
3. LABEL(ROPS CANOPY)(JP)
4. LABEL(QUICK HITCH)(JP)
5. LABEL(CANOPY)(EX)
6. SAFETY LABEL(CABIN)(JP)
7. SAFETY LABEL(CANOPY)(JP)
8. SAFETY LABEL(ROPS CANOPY)(JP)
9. SAFETY LABEL(QUICK HITCH)(JP)
10. SAFETY LABEL(CANOPY)(EX)
11. ACCESSORY

ENGINE RELATED

12. SUCTION PIPE & EXHAUST PIPE
13. ACCELERATOR
14. ONE TOUCH DECEL(OPTIONAL)
15. ENGINE MOUNT
16. RADIATOR & MOUNT
17. FUEL TANK
18. FUEL LINE
53. DUCT

ELECTRICAL PARTS

19. BATTERY

Fig. No. Fig. Name

20. ELECTRIC PART(WIRING)
21. ELECTRIC PART(EQUIPMENT)
22. WORK LAMP

AIR CONDITIONER & HEATER

24. HEATER

TRAVELING

25. SPROCKET & ROLLER
26. IDLER & ADJUST
27. CRAWLER

CONTROL EQUIPMENT

28. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)
29. CONTROL EQUIPMENT(LOCK LEVER & STAND)(LEFT)
30. CONTROL EQUIPMENT(TRAVEL LEVER & LINK STAND)
31. CONTROL EQUIPMENT(OPERATION LEVER)
32. CONTROL EQUIPMENT(BLADE LEVER)
33. CONTROL EQUIPMENT(SWING PEDAL)
34. CONTROL EQUIPMENT(LOW-HIGH PEDAL)
35. CONTROL EQUIPMENT(P.T.O. PEDAL)
36. CONTROL EQUIPMENT(P.T.O. LINK)
37. CONTROL VALVE PLATE

Contents

OCK10-M37602

Fig. No. Fig. Name

FRAME

- 38. TURNING FRAME
- 39. TRACK FRAME & TURNING BEARING

COVER

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

AROUND SEAT

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

BONNET

- 51. BONNET(1)
- 52. BONNET(2)

CABIN

- 54. CABIN(ACCESSORY)

Fig. No. Fig. Name

- 55. CABIN(BODY:1)
- 56. CABIN(BODY:2)
- 57. CABIN(SIDE DOOR)
- 58. CABIN(FRONT GLASS)

CANOPY

- 23. CANOPY LAMP
- 59. CANOPY
- 60. CANOPY(ROPS)

HYDRAULIC OIL EQUIPMENT

- 61. HYD.OIL PUMP & JOINT
- 62. HYD.OIL PUMP& JOINT(QUICK HITCH SPEC.)
- 63. BOOM CYLINDER(CABIN & ROPS CANOPY SPEC.)
- 64. BOOM CYLINDER(CANOPY SPEC.)
- 65. ARM CYLINDER
- 66. BUCKET CYLINDER
- 67. BUCKET CYLINDER(QUICK HITCH SPEC.)
- 68. SWING CYLINDER
- 69. BLADE CYLINDER
- 70. HITCH CYLINDER
- 71. TRAVEL MOTOR
- 72. TURNING MOTOR
- 73. SWIVEL JOINT
- 74. CONTROL VALVE(BUCKET & BOOM 1)

Contents

OCK10-M37602

Fig. No. Fig. Name

- 75. CONTROL VALVE(BOOM 2 & TRAVEL:RIGHT)
- 76. CONTROL VALVE(P PORT & TRAVEL:LEFT)
- 77. CONTROL VALVE(SWING & ARM)
- 78. CONTROL VALVE(P.T.O. & T/P PORT)
- 79. CONTROL VALVE(TURNING & BLADE)
- 80. REMOTE CONTROL VALVE
- 81. REMOTE CONTROL VALVE(2-WAY SPEC.)
- 82. ROTARY VALVE(4-WAY SPEC.)
- 83. HYD.OIL TANK

HYDRAULIC OIL PIPING

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

Fig. No. Fig. Name

IMPLEMENT

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

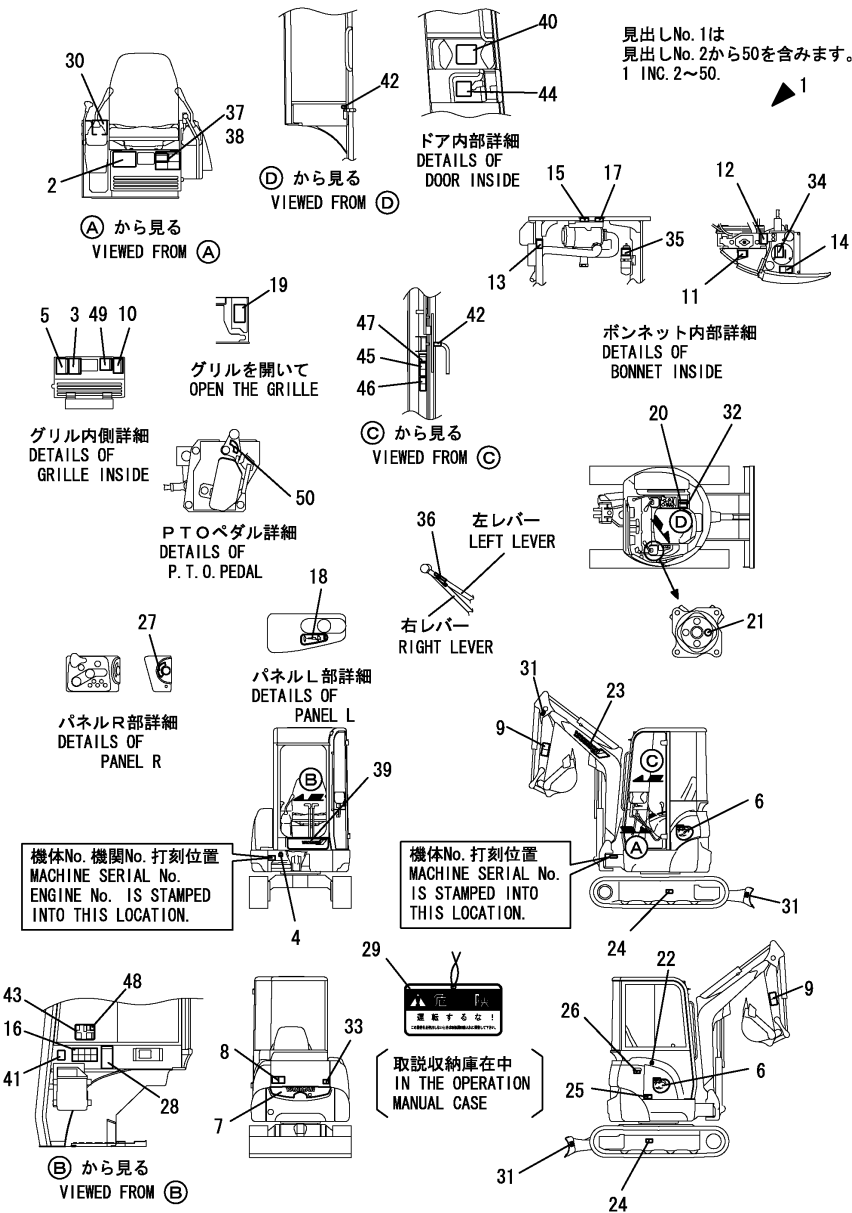
OPTIONAL & KIT

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

Fig.1. LABEL(CABIN)(JP)

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

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

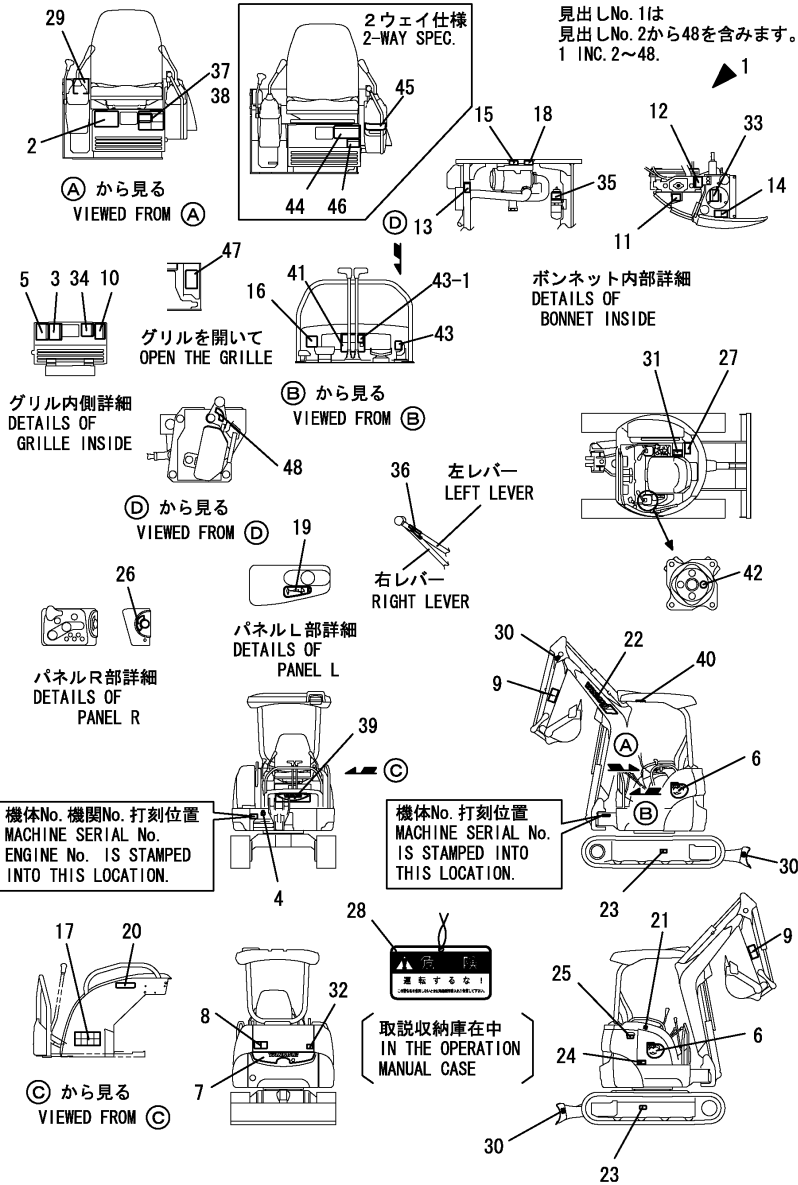


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-03110	LABEL ASSY(JP.C)	1							
2	2	172456-03112	LABEL	1							
3	2	172456-03120	LABEL,OIL & WATER	1							
4	2	172157-03130	LABEL, GREASE	1							
5	2	172458-03130	LABEL,GREASE FEED	1							
6	2	172456-03150	LABEL,MODEL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

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

Fig.2. LABEL(CANOPY)(JP)

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



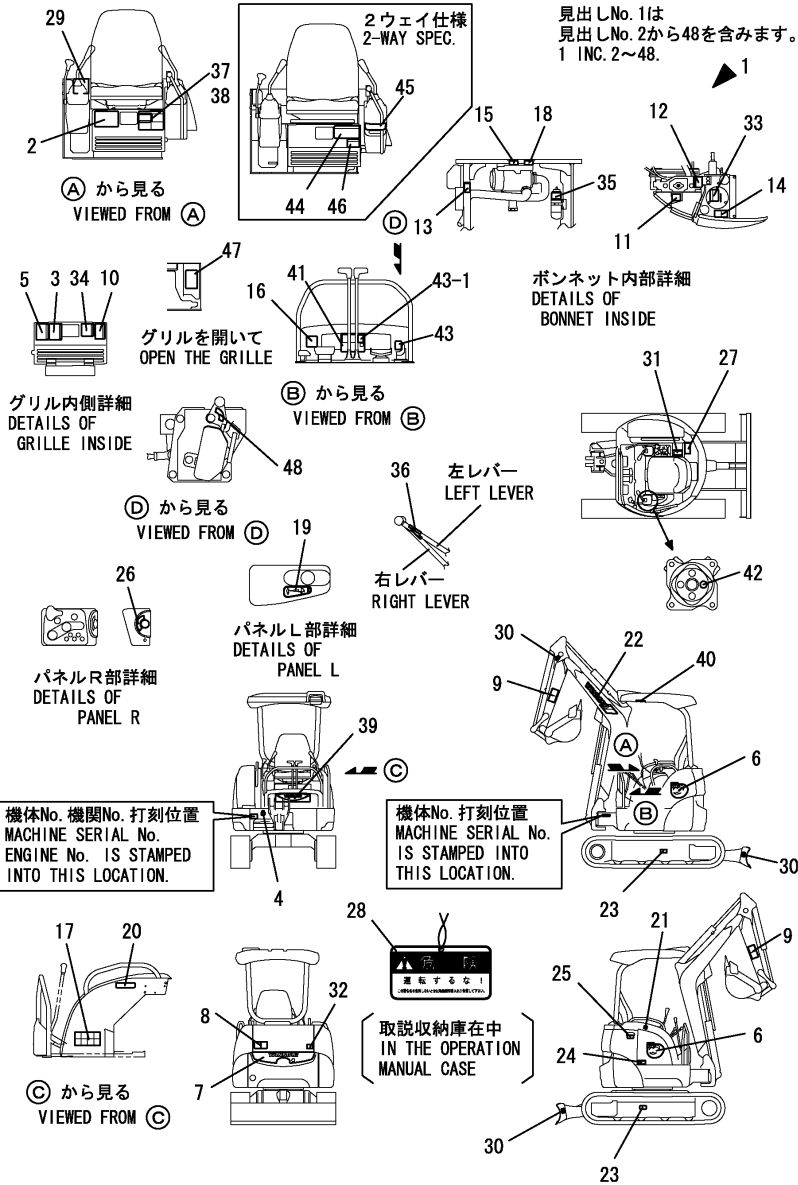
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-03100	LABEL ASSY (JP,P)		1						
1-1	1	772456-03101	LABEL SET (VIO20-2 P (B=M/#21827)		1						N
2	2	172456-03110	LABEL,SPECIFICATION		1						
2-1	2	172456-03111	LABEL, SPECIFICATION (B=M/#21310)		1						N
2-2	2	172456-03112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

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

Fig.2. LABEL(CANOPY)(JP)

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

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

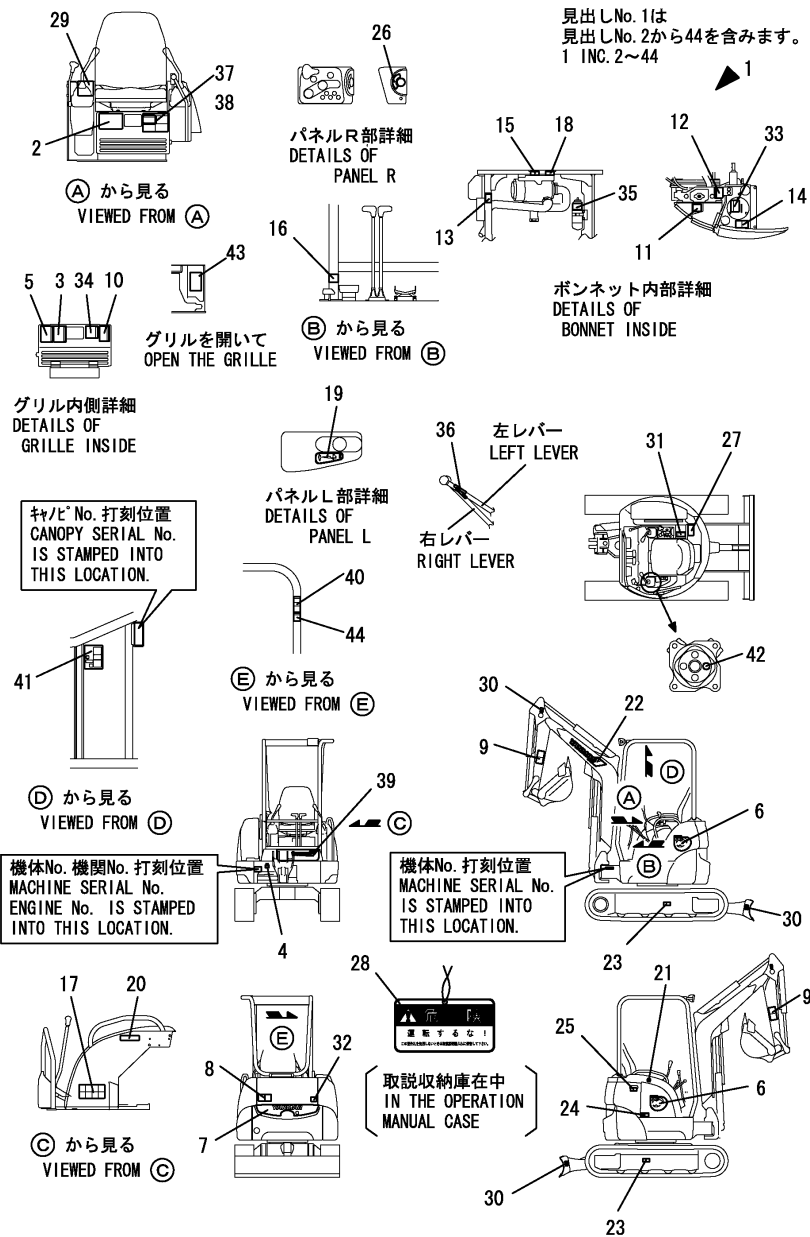


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	2	172173-03250	(B=M/#25604) LABEL		1						W
43	2	172458-03270	(B=M/#20501) LABEL		1						W 3
43-1	2	172490-03210	(B=M/#20580) LABEL, P.T.O.		1						N 3
44	2	172458-03550	(B=M/#25604) LABEL		1						W 4
45	2	172458-03560	(B=M/#20580)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

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

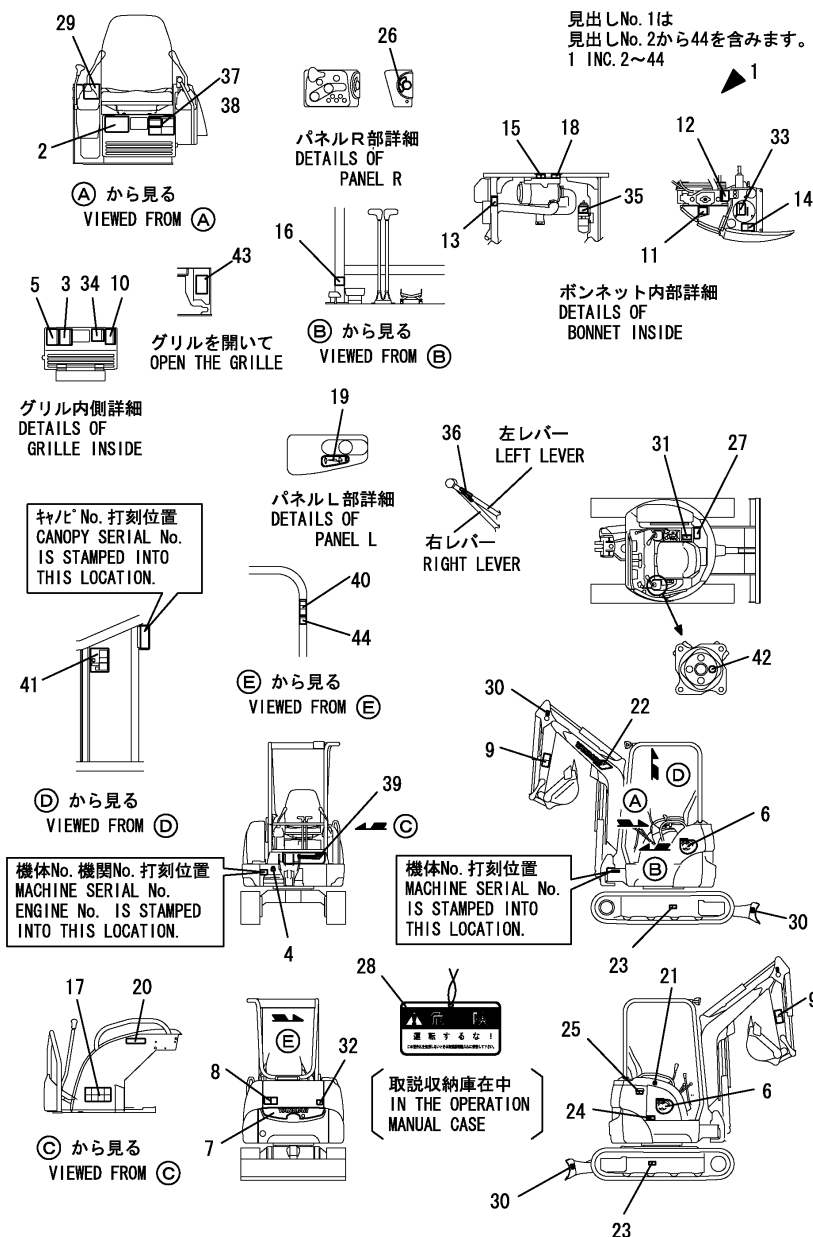
Fig.3. LABEL(ROPS CANOPY)(JP)

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



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

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



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

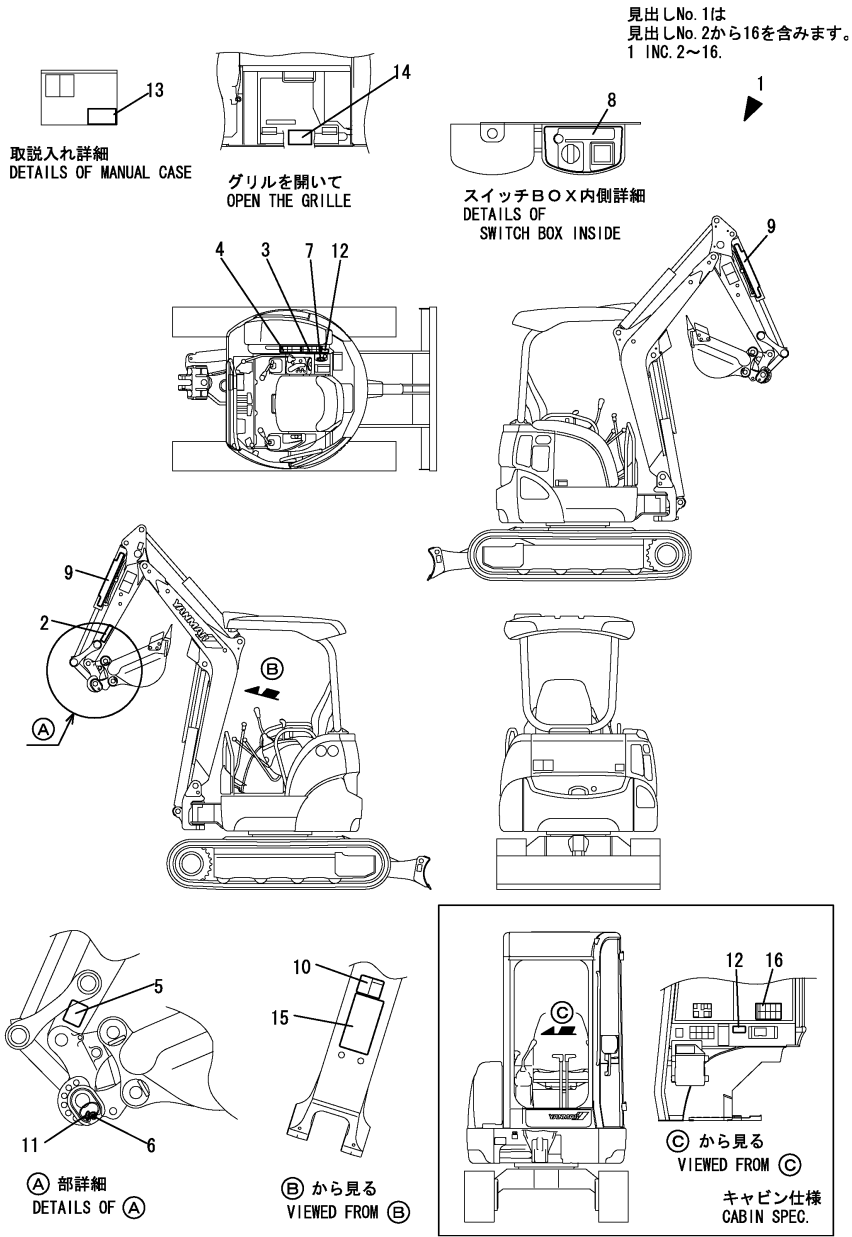
Remarks
(1)4-WAY SPEC.
(2)RUBBER CRAWLER SPEC.

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

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Fig.4. LABEL(QUICK HITCH)(JP)

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

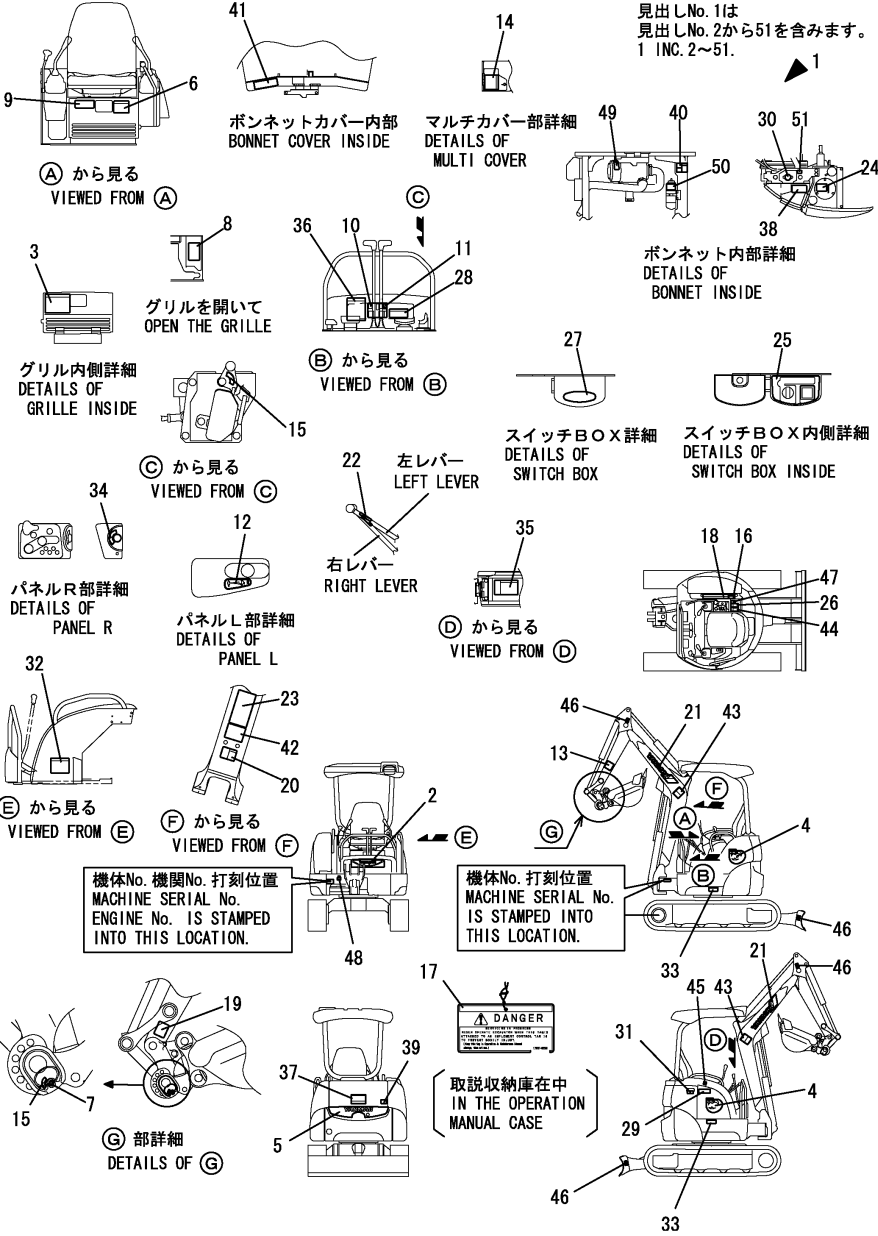


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772956-03100	LABEL ASSY(JP,Q)		1						M
1-1	1	772958-03100	LABEL SET,VIO(QUICK	1	1						
2	2	172958-03110	LABEL	1	1						
3	2	172958-03120	LABEL		1						
4	2	172958-03130	LABEL		1						
5	2	172958-03140	LABEL	1	1						
6	2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

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

Fig.5. LABEL(CANOPY)(EX)

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



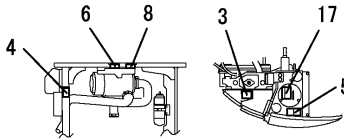
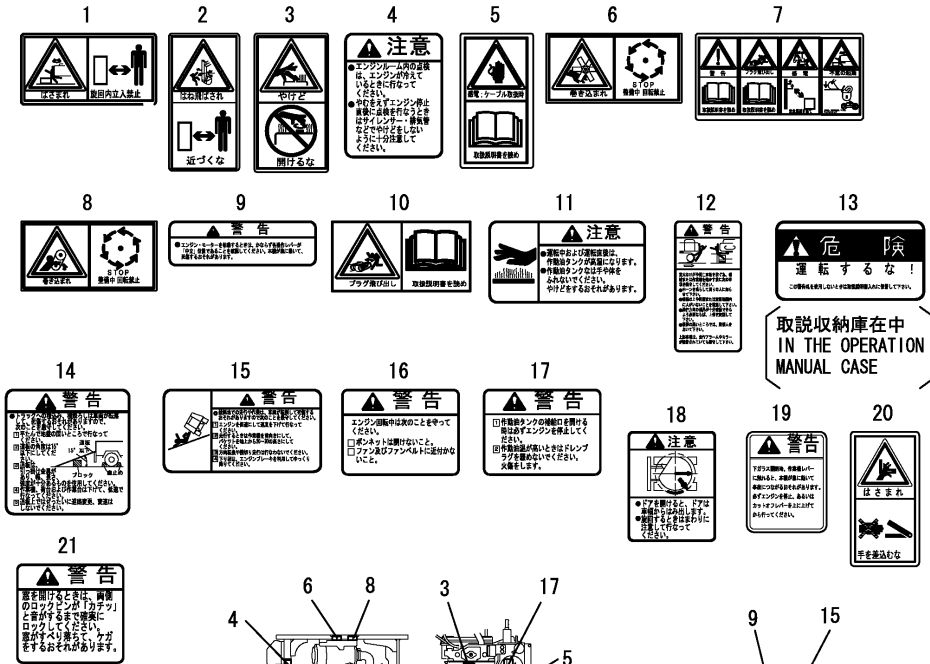
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772469-03140	LABEL ASSY(EX.P)				1				
2	2	172458-03140	LABEL, FRONT				1				
3	2	172469-03140	LABEL, OIL&WATER				1				
4	2	172456-03150	LABEL, MODEL				2				
5	2	172458-03160	LABEL, REAR				1				
6	2	172472-03160	LABEL,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

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

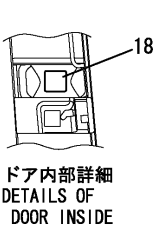
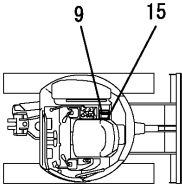
Fig.6. SAFETY LABEL(CABIN)(JP)

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

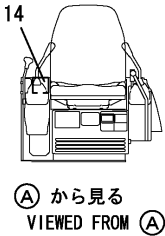
(D)=VIO20-2 P(EX)
(E)=
(F)=



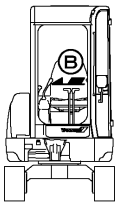
ボンネット内部詳細
DETAILS OF
BONNET INSIDE



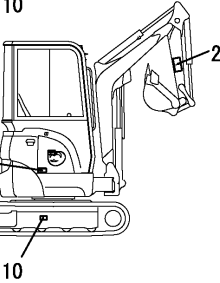
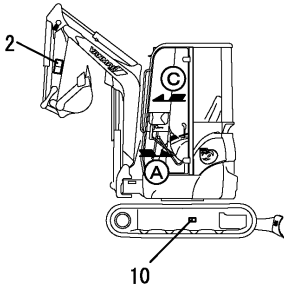
ドア内部詳細
DETAILS OF
DOOR INSIDE



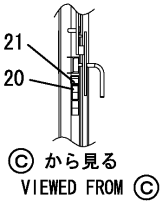
① から見る
VIEWED FROM ①



② から見る
VIEWED FROM ②



③ から見る
VIEWED FROM ③



④ から見る
VIEWED FROM ④

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

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



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

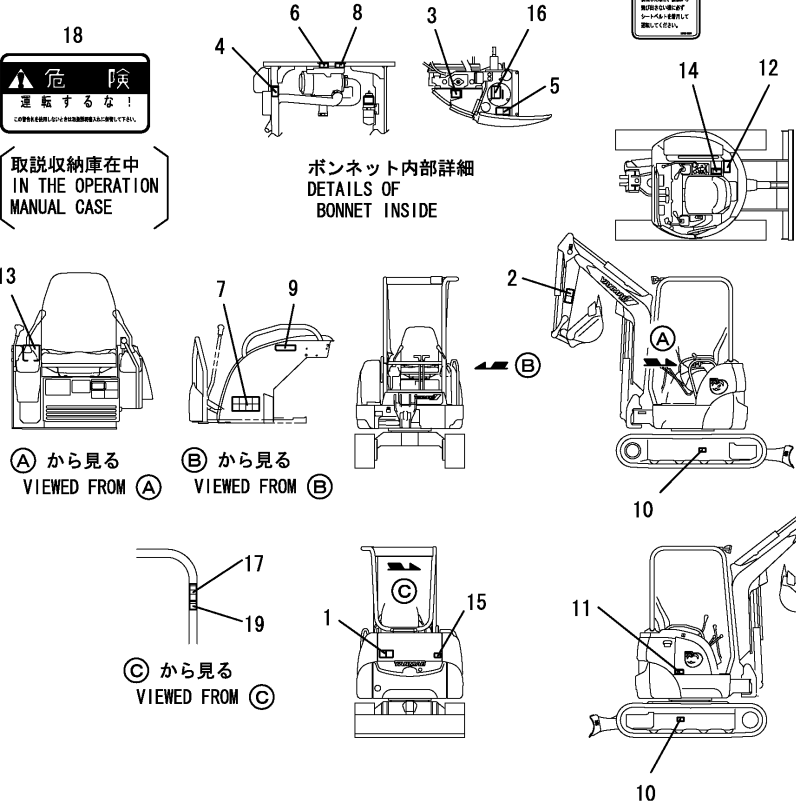
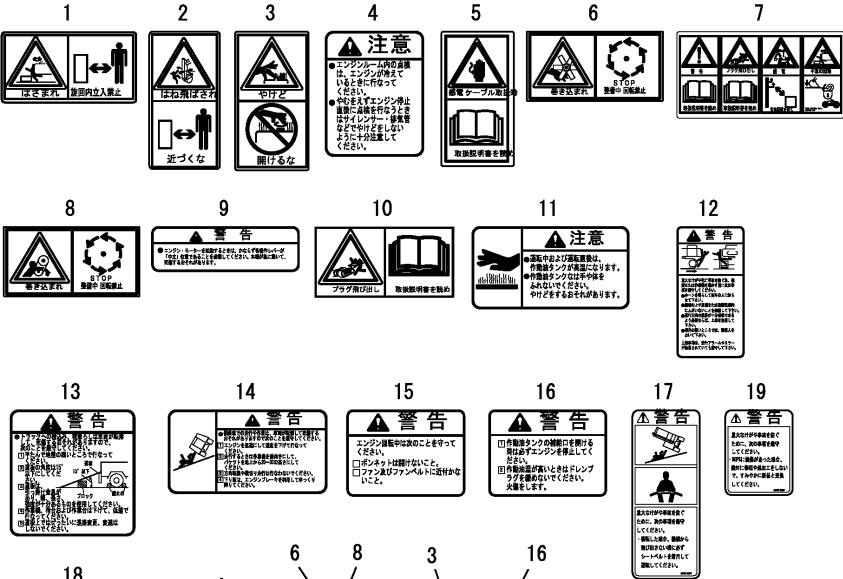
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

(B=M/#20580)

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

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-03170	LABEL		1						
2	1	172444-03180	LABEL		2						
3	1	172444-03190	LABEL		1						
4	1	172141-03202	LABEL,CAUTION		1						
5	1	172450-03200	LABEL,BATTERY		1						
6	1	172458-03200	LABEL,FAN		1						
7	1	172444-03210	LABEL		1						
8	1	172458-03210	LABEL,BELT		1						
9	1	172444-03240	LABEL		1						
10	1	172444-03280	LABEL		2						
11	1	172142-03302	LABEL,CAUTION		1						
12	1	172964-03370	LABEL		1						
13	1	172164-03510	LABEL,LOADING		1						
14	1	172164-03540	LABEL		1						
15	1	172519-04180	LABEL,WARNING		1						
16	1	172519-04290	LABEL,WARNING		1						
17	1	172460-03230	LABEL,SEAT BELT		1						
18	1	172964-03481	TAG ASSY, CAUTION		1						
19	1	172460-03240	LABEL,ROPS		1						

Fig.9. SAFETY LABEL(QUICK HITCH)(JP)

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

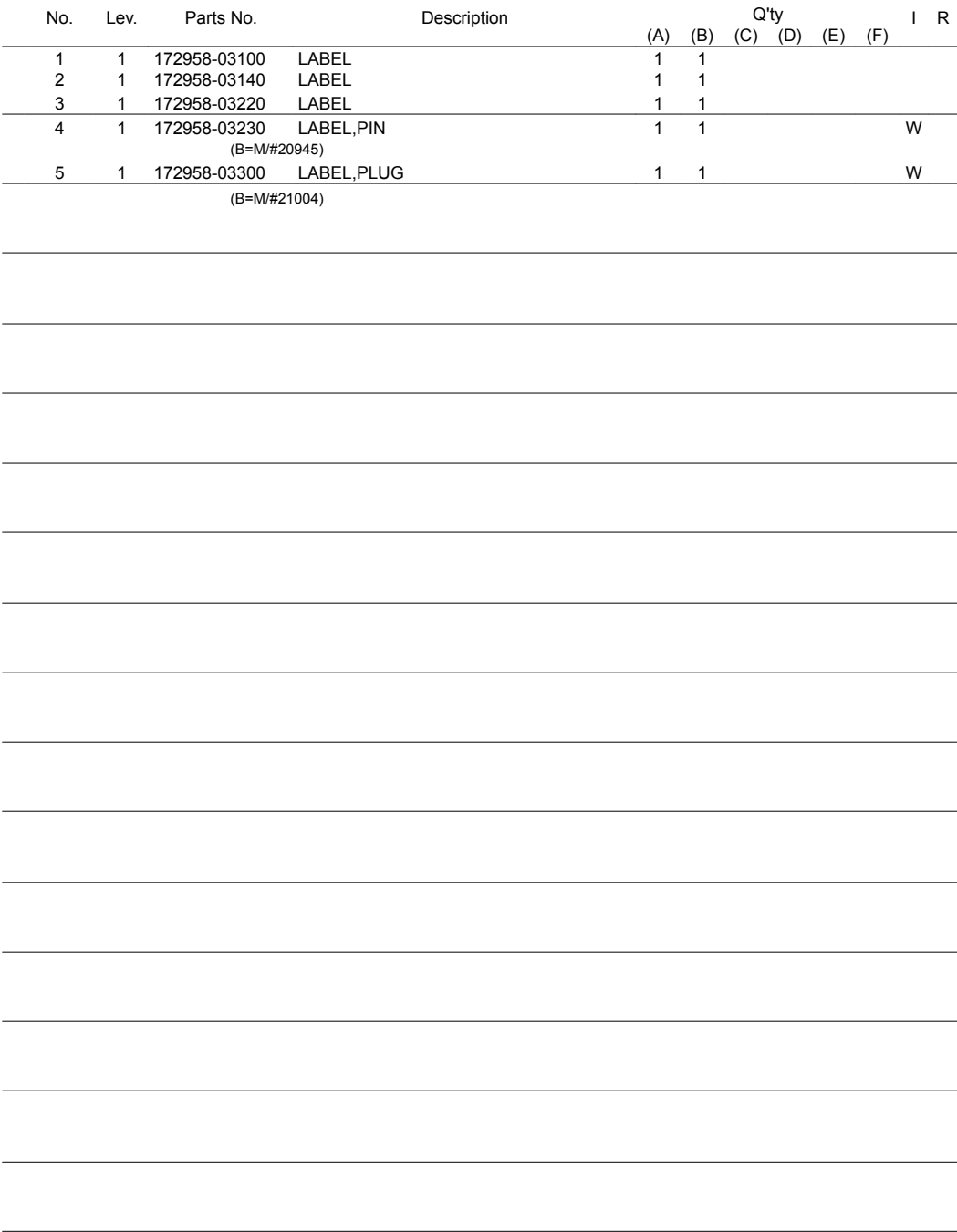
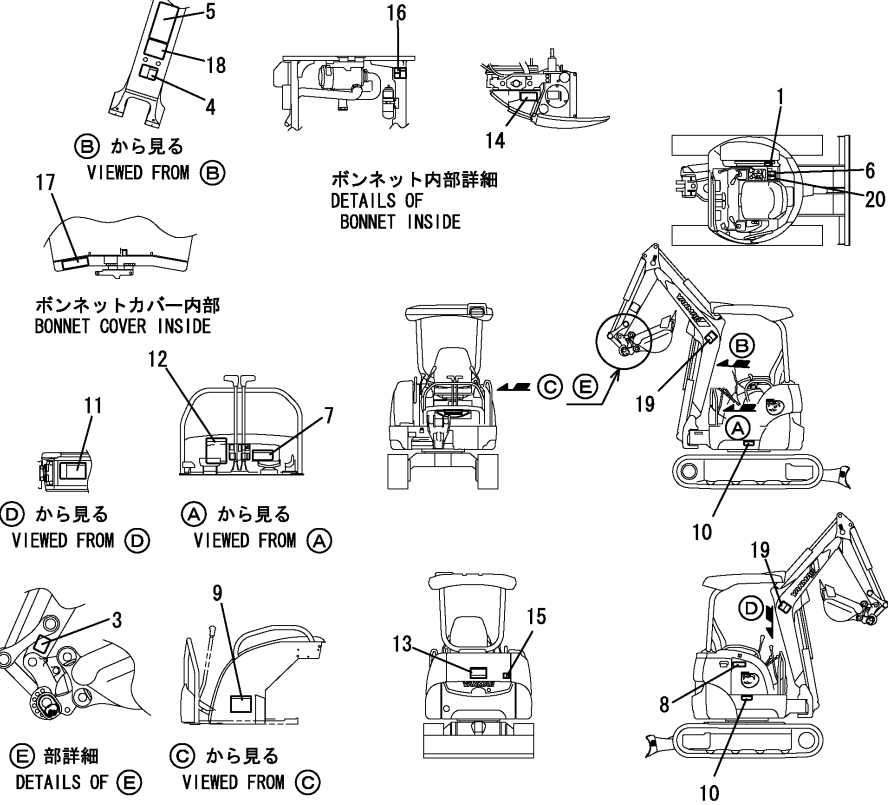
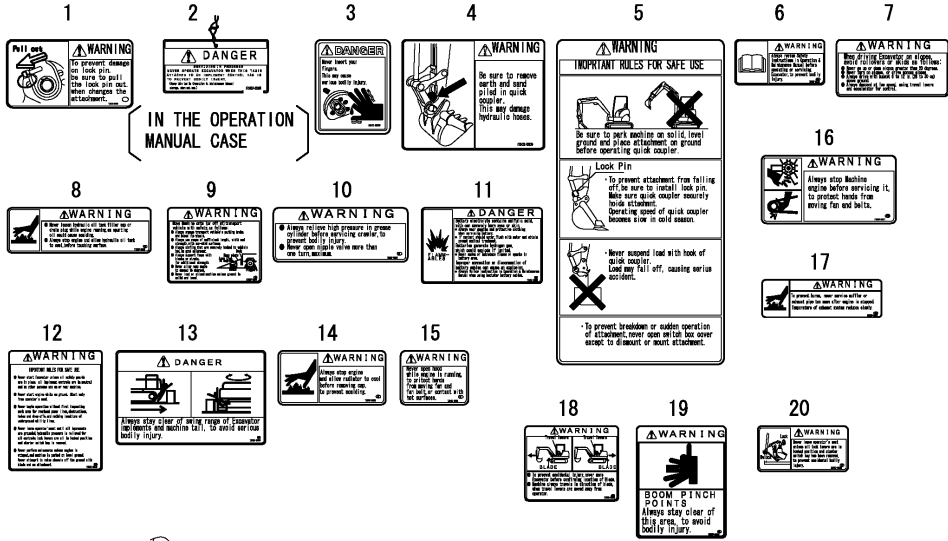


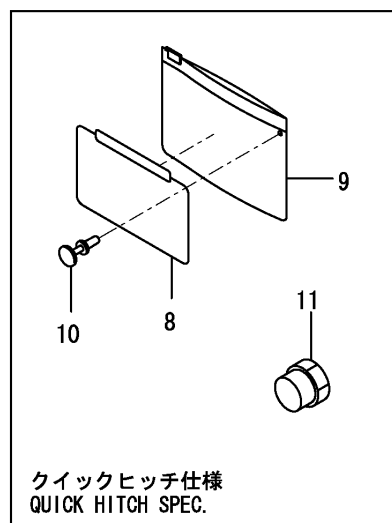
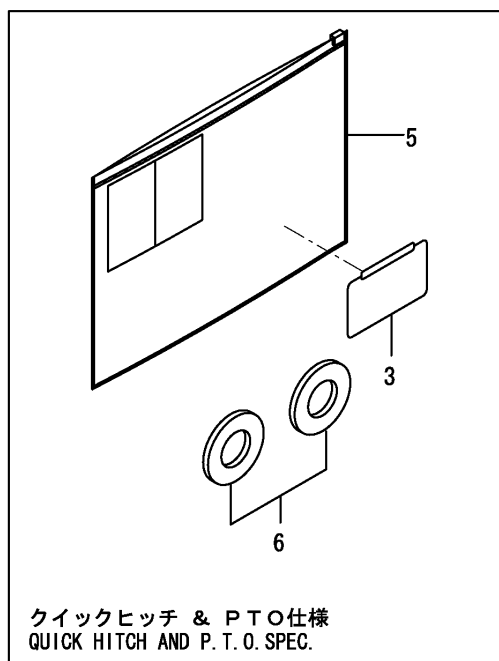
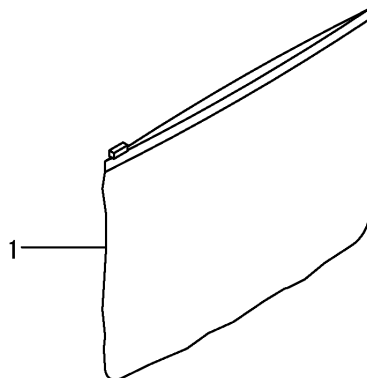
Fig.10. SAFETY LABEL(CANOPY)(EX)

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

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



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

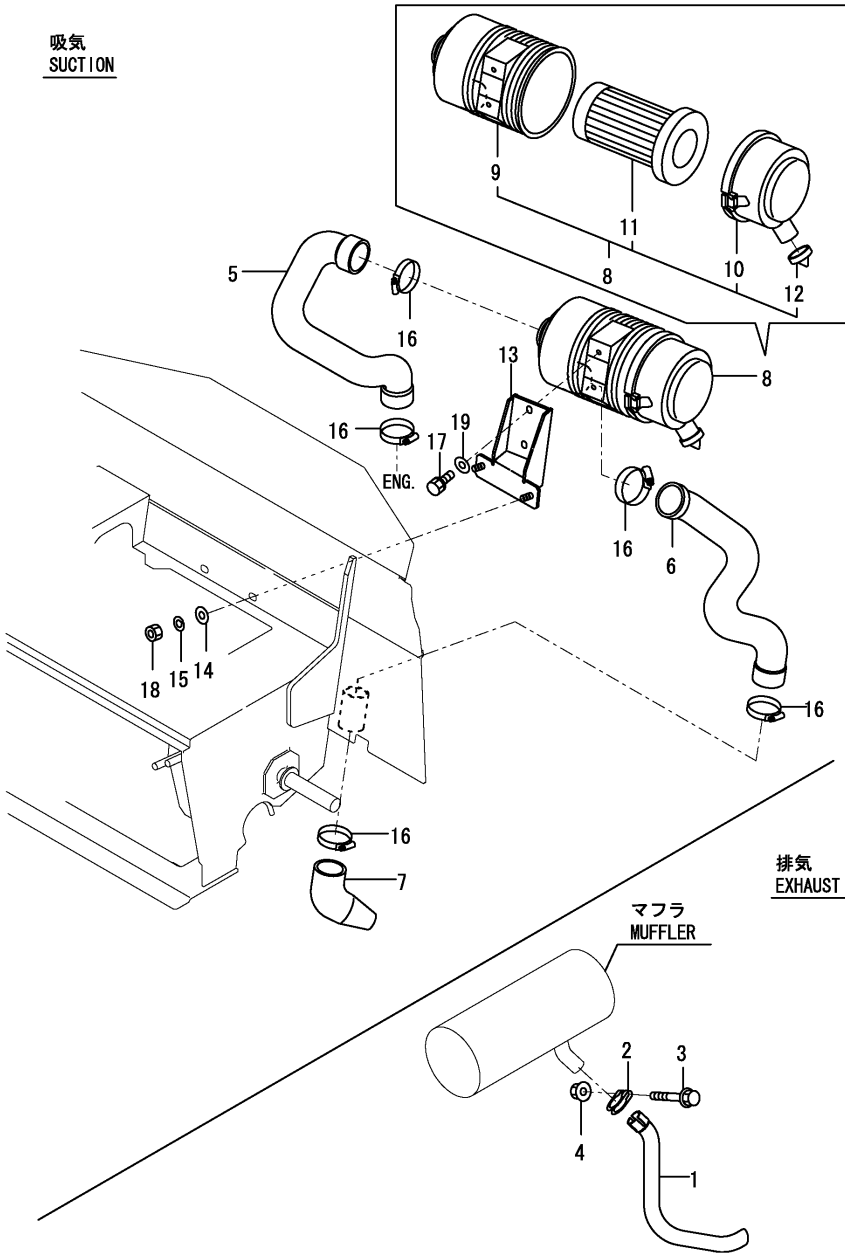


No.	Lev.	Parts No.	Description	(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=		(D)=VIO20-2 P(EX) (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172176-07330	BAG, MANUAL	1	1						
3	1	172958-03310	LABEL,COLLAR (B=M/#21004)	1	1		1			W	1
5	1	172958-07330	CASE, MANUAL (B=M/#21004)	1	1		1			W	1
6	1	172956-08100	COLLAR KIT, 35 (B=M/#21004)	4	4		4			W	1
8	1	172958-03300	LABEL,PLUG (B=M/#21004)	1	1		1			W	2
9	1	172958-05100	CASE, PLUG (B=M/#21004)	1	1		1			W	2
10	1	172958-05110	RIVET	1	1		1			W	2
10-1	1	172958-05110	RIVET	1	1		1			Z	2
11	1	1E3030-78370	CAP, SCREW (B=M/#21004)	4	4		4			W	2

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

N:Old $\xrightleftharpoons[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightleftharpoons[\text{Yes}]{\text{No}}$ New, R:Old $\xrightleftharpoons[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightleftharpoons[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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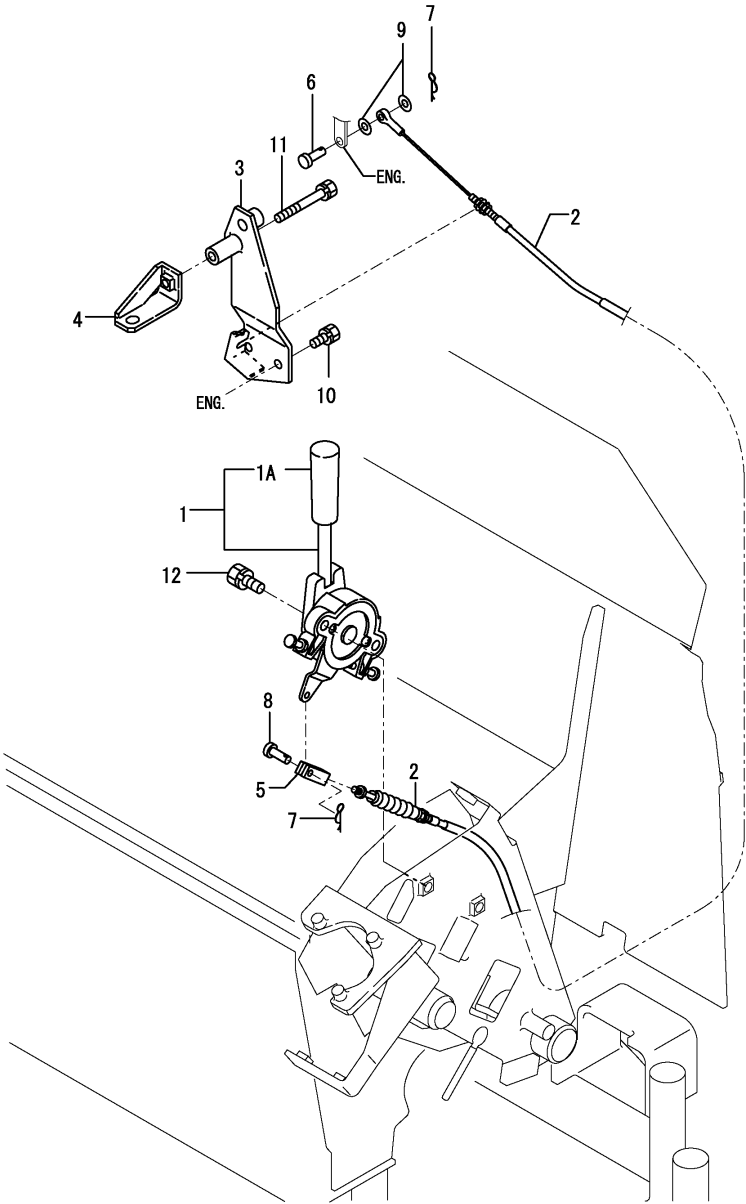
Fig.12. SUCTION PIPE & EXHAUST PIPE



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

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

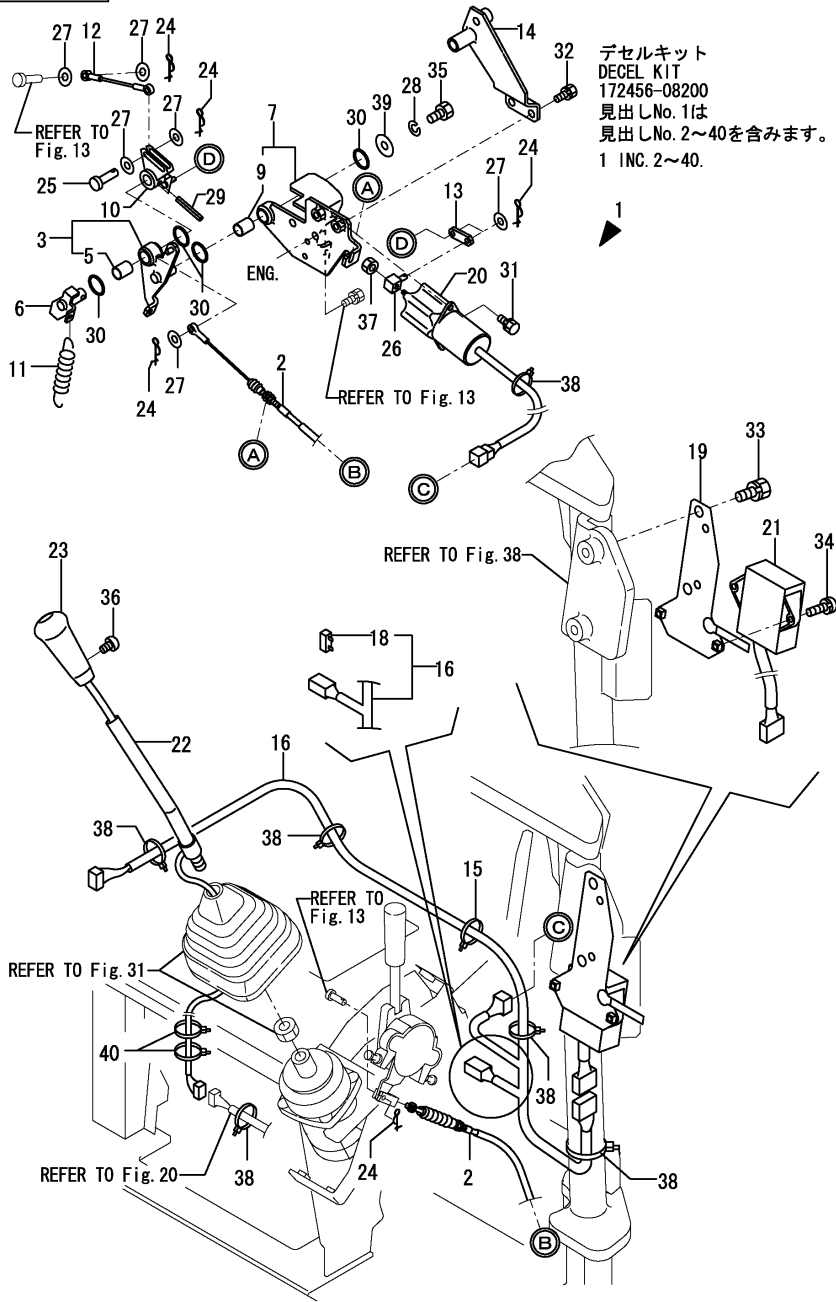
Remarks
(M)MISPRINT.



OCK10-M37602 Fig.13											
				(A)=VIO20-2 C(JP)	(D)=VIO20-2 P(EX)						
				(B)=VIO20-2 P(JP)	(E)=						
				(C)=	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-12100	LEVER,ACCELERATOR	1	1		1				
1A	2	172A79-12150	GRIP	1	1		1			W	
(A=MXXXXXX) (B=MXXXXXX) (D=MXXXXXX)											
2	1	172456-12110	CABLE, ACCELERATOR		1						
2-1	1	172456-12111	CABLE, ACCELERATOR	1	1		1			N	
(B=M/#20785)											
3	1	172456-12120	BRACKET,ACCELERATOR	1	1		1				
4	1	172456-12160	BRACKET	1	1		1				
5	1	172137-12270	JOINT, CABLE	1	1		1				
6	1	172113-12522	PIN	1	1		1				
7	1	1C6281-52310	PIN, SNAP 6	2	2		2				
8	1	1A1040-56900	PIN, 6X17	1	1		1				
9	1	22137-060000	WASHER, 6	2	2		2				
10	1	26013-080162	BOLT, M8X 16	2	2		2				
11	1	26013-080602	BOLT, M8X 60		1						
11-1	1	26013-080502	BOLT, M8X 50	1	1		1			N	
(B=M/#20501)											
12	1	26013-100252	BOLT, M10X 25	2	2		2				

Fig.14. ONE TOUCH DECEL(OPTIONAL)

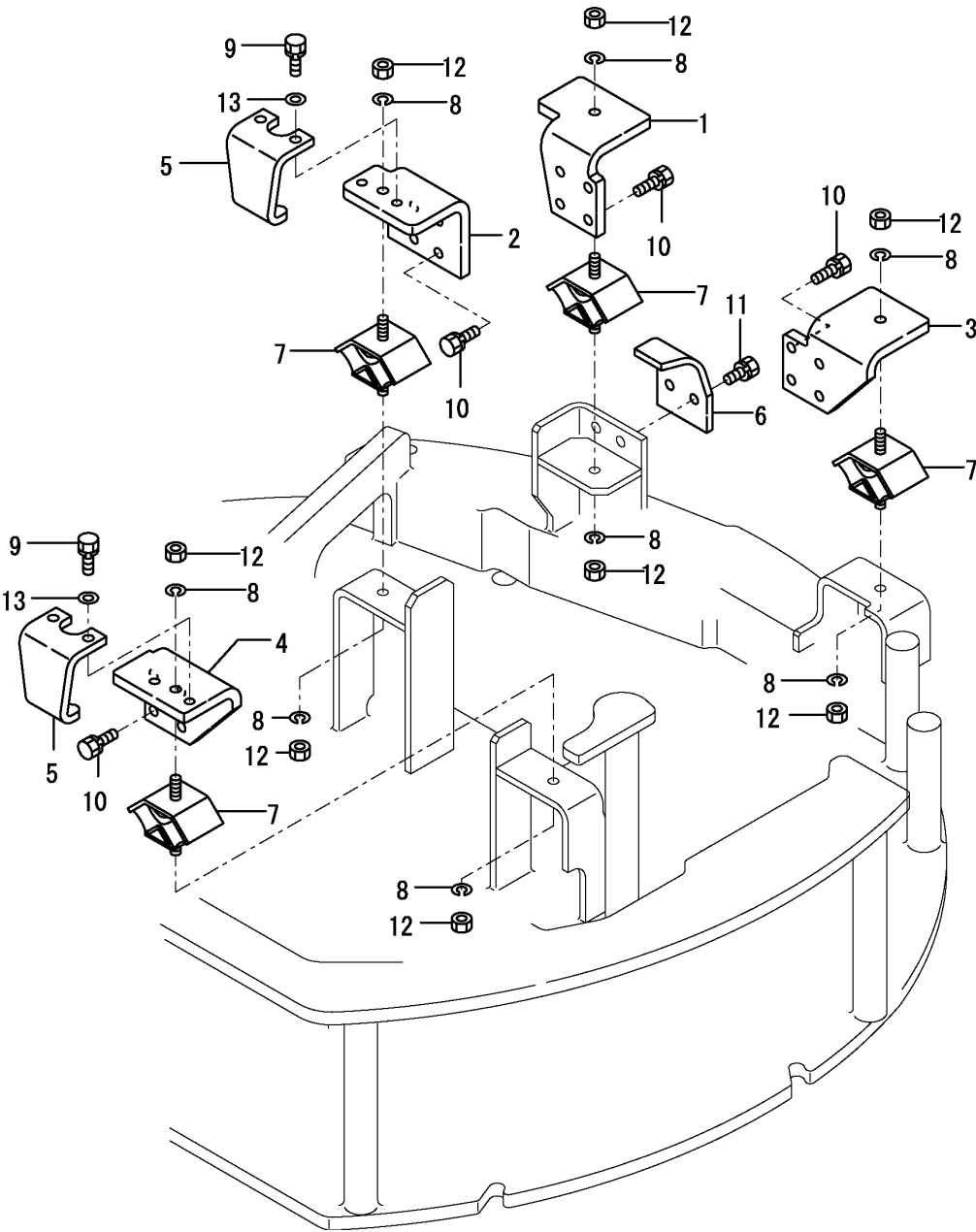
P/C NEWS No:Y00K3762-4
PUBLISHED:2007/06



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

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

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

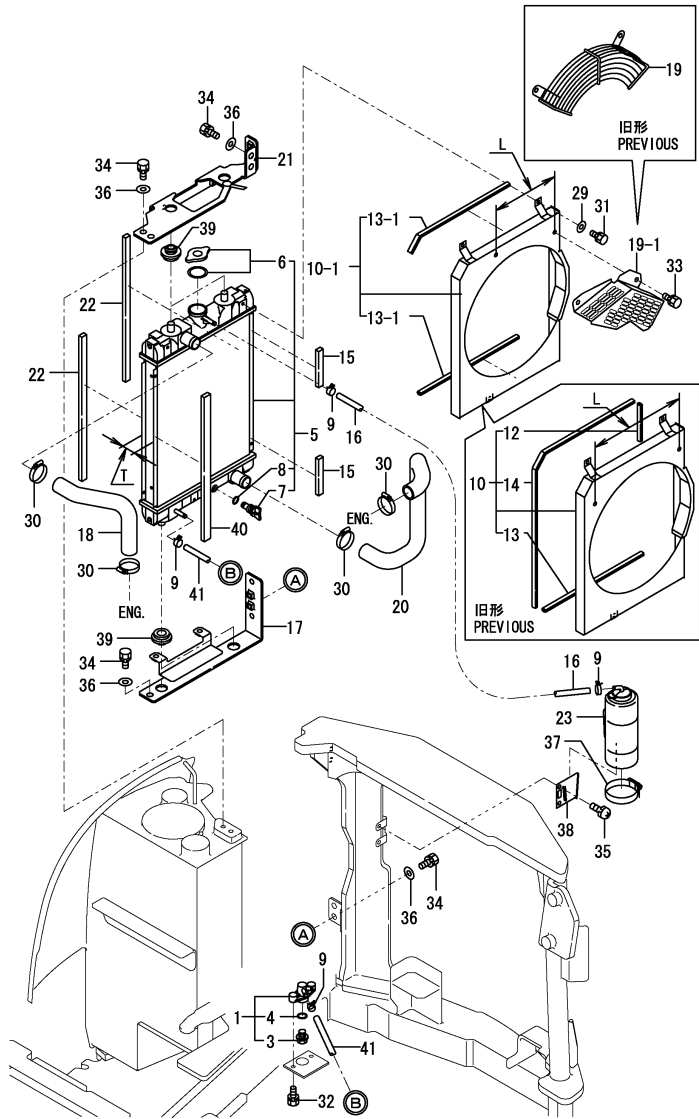


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-13100	MOUNT PF,ENG	1	1		1				
2	1	172456-13110	MOUNT LF,ENG	1	1		1				
3	1	172456-13120	MOUNT RR,ENG	1	1		1				
4	1	172456-13130	MOUNT LR,ENG	1	1		1				
5	1	172456-13140	STOPPER	2	2		2				
6	1	172456-13150	STOPPER	1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

Fig.16. RADIATOR & MOUNT

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

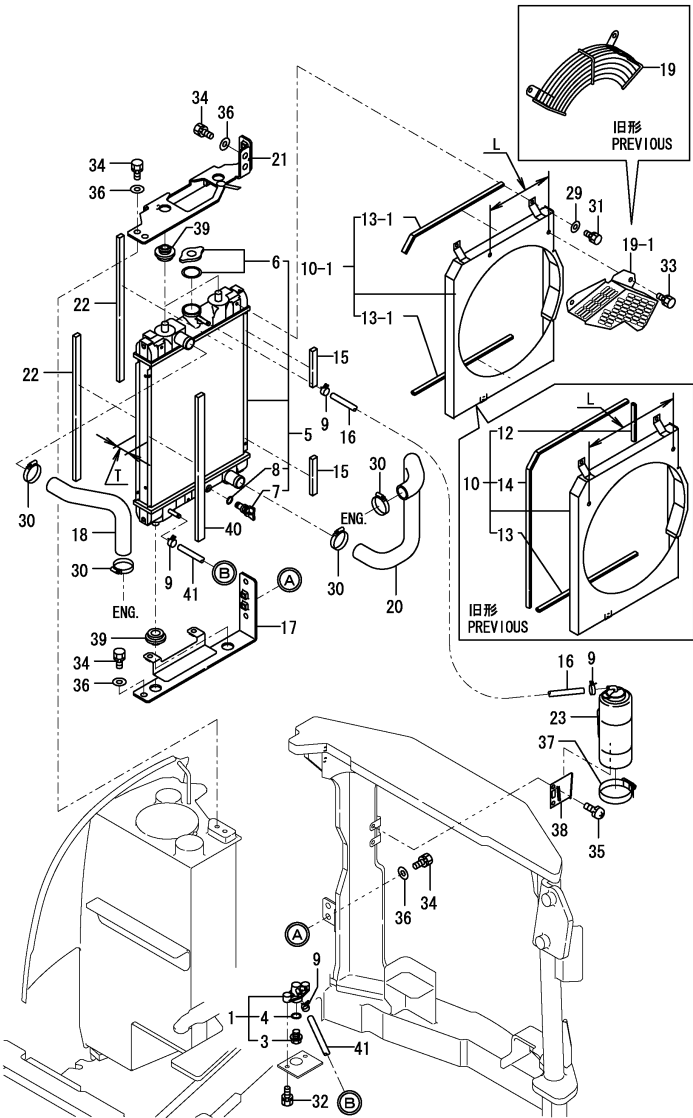
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-13210	COCK ASSY, 2-WAY	1	1		1				
3	2	121250-49121	PLUG, DRAIN	1	1		1				
4	2	24311-000160	O-RING, 1AP16.0	1	1		1				
5	1	172456-13300	RADIATOR ASSY		1						
5-1	1	172487-13300	RADIATOR	1	1		1			S	1
(B=M/#21858)											
6	2	172456-13310	CAP ASSY	1	1		1				
7	2	172456-13320	COCK	1	1		1				
8	2	172456-13330	O-RING	1	1		1				
9	1	124766-59050	CLIP, HOSE 12	4	4		4				
10	1	172456-13340	SHROUD ASSY		1						
10-1	1	172456-13341	SHROUD ASSY	1	1		1			F	2
(B=M/#21858)											
12	2	172456-13470	RUBBER 100		2						Z
(B=M/#21858)											
13	2	172456-13480	TRIM		1						
13-1	2	172456-13480	TRIM	2	2		2			K	
(B=M/#21858)											
14	2	172183-65541	SEAL, CANOPY		1						Z
(B=M/#21858)											
15	1	172456-13350	SEAL, RADIATOR		2						Z
(B=M/#21858)											
16	1	172157-13381	HOSE	1	1		1				
17	1	172456-13380	BRACKET B		1						
17-1	1	172456-13381	BRACKET B ASSY	1	1		1			N	
(B=M/#21637)											
18	1	172456-13450	PIPE, WATER		1						
18-1	1	172456-13451	PIPE, WATER	1	1		1			N	
(B=M/#21637)											
19	1	172422-13460	NET, WIRE		1						
19-1	1	172487-13460	GUARD, FAN	1	1		1			S	
(B=M/#21858)											
20	1	172456-13460	PIPE, WATER	1	1		1				
21	1	172456-13500	BRACKET A		1						
21-1	1	172456-13501	BRACKET A ASSY	1	1		1			N	
(B=M/#21637)											
22	1	172165-18940	SEAL		1						M
22-1	1	172458-13320	SEAL, RADIATOR		2						
22-2	1	172487-13500	SEAL, RADIATOR	2	2		2			N	
(B=M/#21637)											
23	1	119813-44510	TANK ASSY	1	1		1				
29	1	22137-060000	WASHER, 6	3	3		3				
30	1	23010-038000	CLAMP, 38		4						M
30-1	1	23000-041000	CLAMP, 41		4						M
30-2	1	23001-041000	CLAMP, HOSE 41	4	4		4				
31	1	26013-060162	BOLT, M6X 16	3	3		3				
32	1	26013-080162	BOLT, M8X 16	2	2		2				
33	1	26013-080162	BOLT, M8X 16	2	2		2				
34	1	26013-100202	BOLT, M10X 20		7						
34-1	1	26013-100202	BOLT, M10X 20	4	4		4			K	
(B=M/#21637)											

Fig.16. RADIATOR & MOUNT

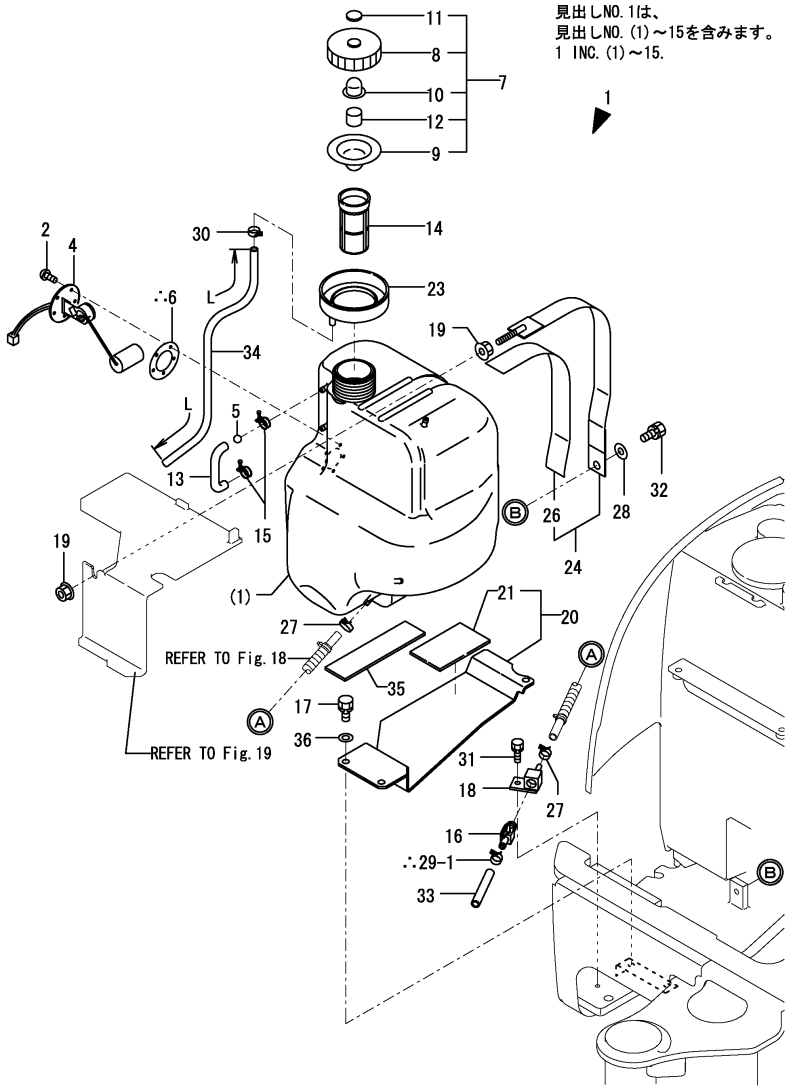


Remarks
(1)T=REF.NO.5:36MM,NO.5-1:27MM.
(2)L=REF.NO.10:270MM,NO.10-1:188MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH REF.NO.19-1.
(3)REF.NO.40-1:400X15X10MM.
REF.NO.40-2:390X 8X 5MM.
(M)MISPRINT.

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

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

P/C NEWS No:Y00K3762-3
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∴印が今回変更(追記)した個所です。
∴MARKED PART HAS BEEN CHANGED (ADDED).

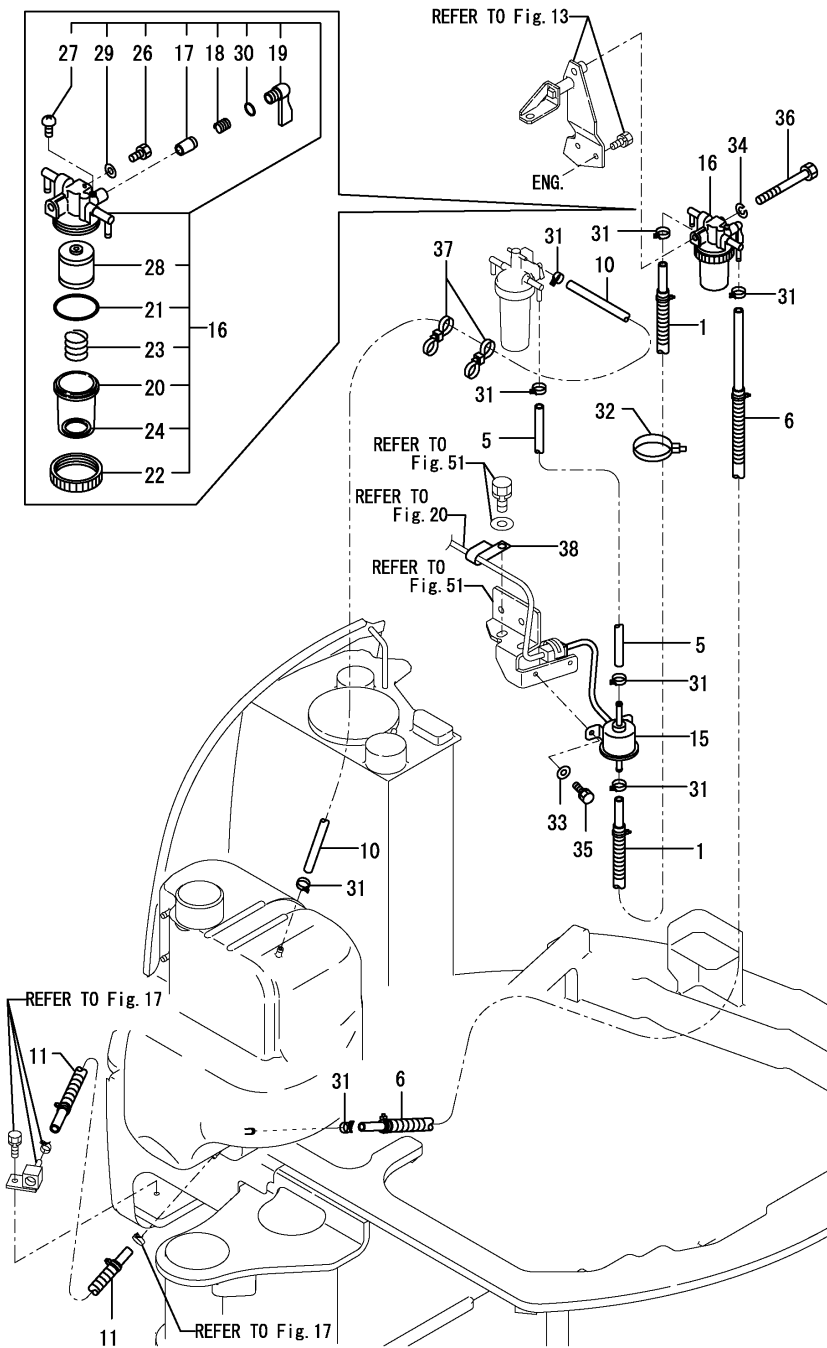
Remarks
(1)L=REF.NO.34-1:700MM,NO.34-2:670MM.
(M)MISPRINT.

							OCK10-M37602 Fig.17					
							(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=			(D)=VIO20-2 P(EX) (E)= (F)=		
No.	Lev.	Parts No.	Description	(A)	(B)	Q'ty	(C)	(D)	(E)	(F)	I	R
1	1	772456-14110	TANK ASSY, FUEL		1							
1-1	1	772456-14111	TANK ASSY, FUEL	1	1			1			N	
(B=M/#21074)												
2	2	26557-050122	SCREW, M5X12		5							
2-1	2	26022-050122	SCREW, M5X12	5	5			5			N	
(B=M/#21169)												
4	2	172456-14150	GAUGE, FUEL	1	1			1				
5	2	172447-14160	FLOAT	1	1			1				
6	2	172162-14200	GASKET	1	1			1				
7	2	172444-14200	CAP, FUEL	1	1			1				
8	3	172444-14450	CAP	1	1			1				
9	3	172444-14460	GASKET	1	1			1				
10	3	172444-14470	GASKET	1	1			1				
11	3	172444-14480	WASHER	1	1			1				
12	3	172444-14490	SPONGE	1	1			1				
13	2	172458-14201	HOSE,FUEL GAUGE		1							
13-1	2	172458-14202	HOSE, FUEL GAUGE	1	1			1			N	
(B=M/#21074)												
14	2	172183-14250	FILTER (FUEL	1	1			1				
15	2	23010-014000	CLAMP, 14		2							
15-1	2	23000-013000	CLAMP, 13	2	2			2			N	
(B=M/#20501)												
16	1	104200-11920	COCK, WATER	1	1			1				
17	1	26013-100202	BOLT, M10X 20	3	3			3				
18	1	172444-14270	JOINT, DRAIN	1	1			1				
19	1	26367-100002	NUT, M10	2	2			2				
20	1	172456-14340	PLATE ASSY(GREEN:97)	1	1			1				
20-1	1	172456-14341	PLATE ASSY	1	1			1			N	
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)												
21	2	172444-14130	PLATE A	1	1			1				
23	1	172458-14370	SUMP, FUEL	1	1			1				
24	1	172456-14300	CLAMP ASSY, FUEL	1	1			1				
26	2	172456-14330	RUBBER, CLAMP	1	1			1				
27	1	124766-59050	CLIP, HOSE 12	2	2			2				
28	1	22137-100000	WASHER, 10	1	1			1				
29-1	1	23080-013000	CLAMP, 13	1	1			1				
30	1	23080-013000	CLAMP, 13	1	1			1				
31	1	26013-080202	BOLT, M8X 20	1	1			1				
32	1	26013-100202	BOLT, M10X 20	1	1			1				
33	1	172444-14410	HOSE	1	1			1				
34	1	172187-14510	HOSE		1							
34-1	1	172456-14650	HOSE 9.5X700	1	1			1			N	
(B=M/#20501)												
34-2	1	172444-14260	HOSE,FUEL	1	1			1			S	1
(B=M/#21745)												
35	1	172458-14340	RUBBER PLATE A,FO	1	1			1			W	
(B=M/#20501)												
36	1	22137-100000	WASHER, 10	3	3			3			W	
(B=M/#20580)												

Fig.18. FUEL LINE

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

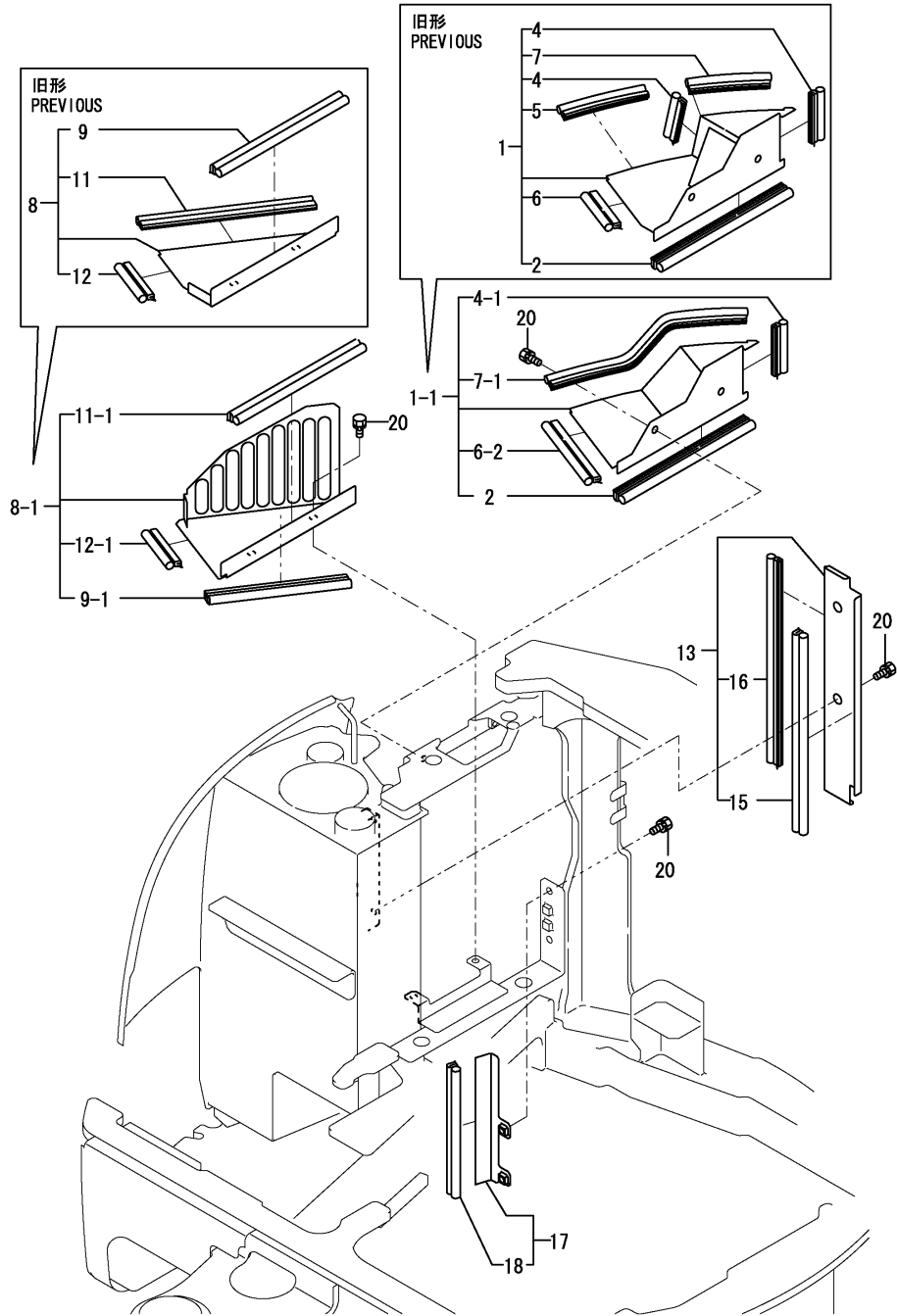
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

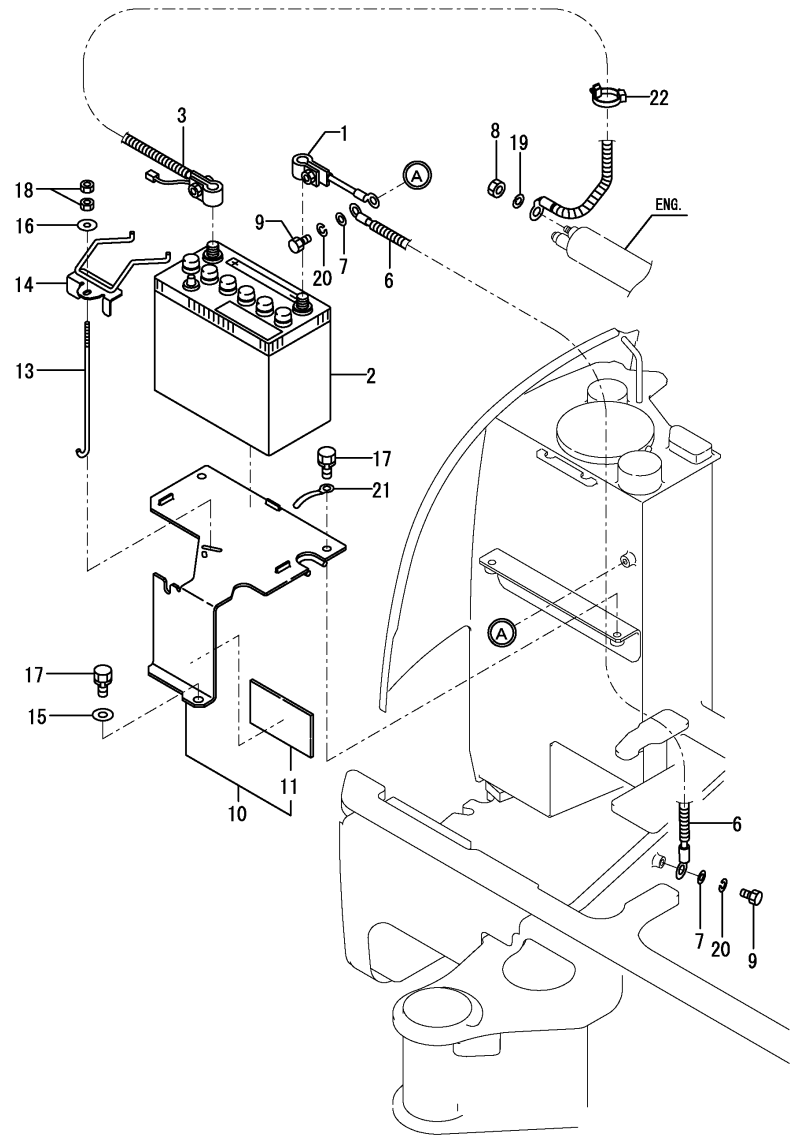
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(B)=VIO20-2 P(JP)
(C)=

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



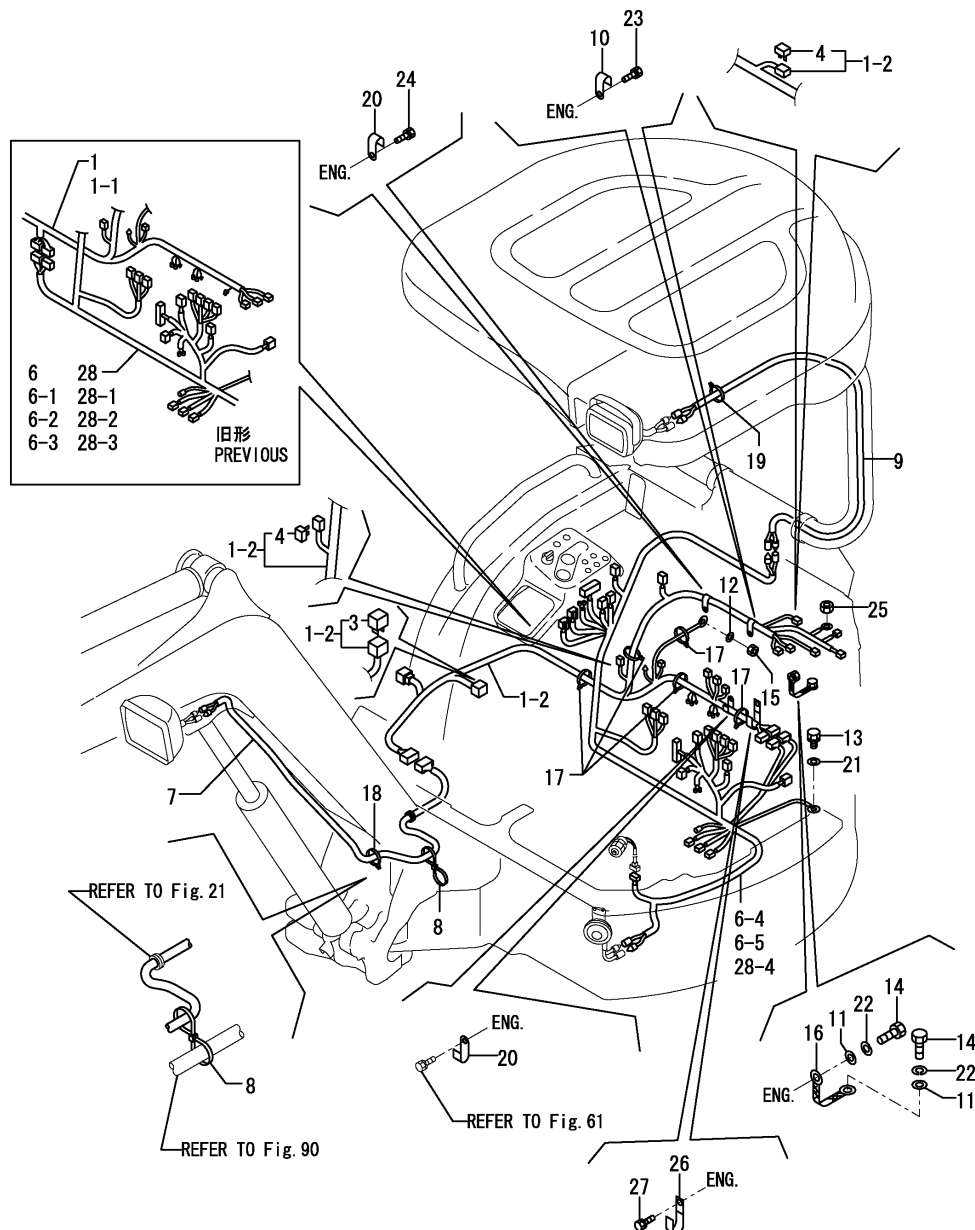
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-65700	DUCT		1						
1-1	1	172456-65701	DUCT	1	1		1			N	
(B=M/#21637)											
2	2	172444-54920	SEAL, WEIGHT	1	1		1				
4	2	172456-65790	RUBBER, SEAL		2						
4-1	2	172456-65790	RUBBER, SEAL	1	1		1			K	
(B=M/#21637)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

Fig.19. BATTERY



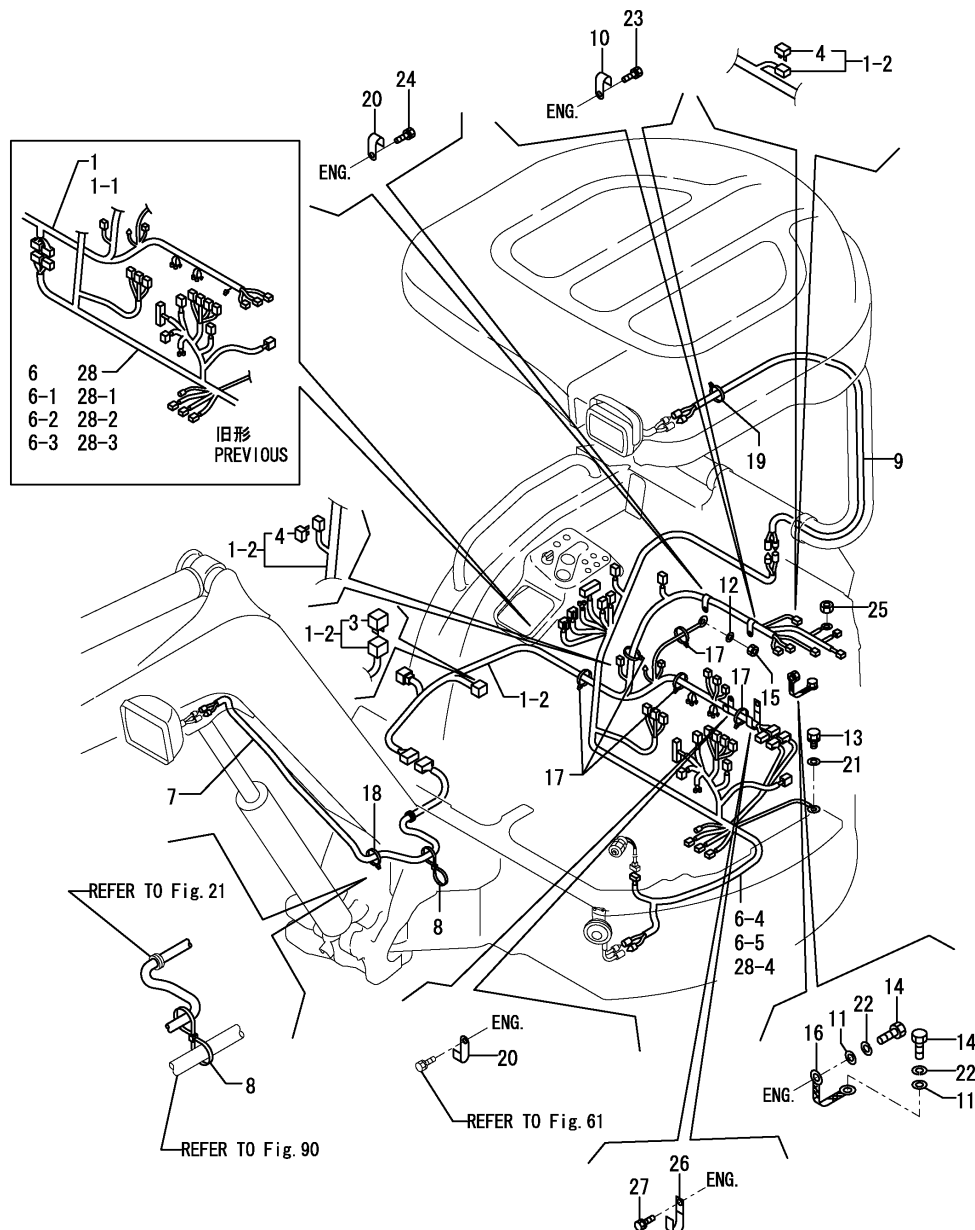
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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



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

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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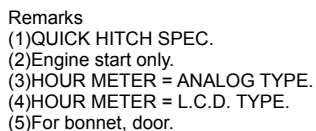
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
28-3	1	172469-16523	HARNESS (B) ASSY (US (B=M/#21581)		1					N	1
28-4	1	172469-16524	HARNESS B ASSY,US (B=M/#21915)		1					S	1

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

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.21. ELECTRIC PART(EQUIPMENT)

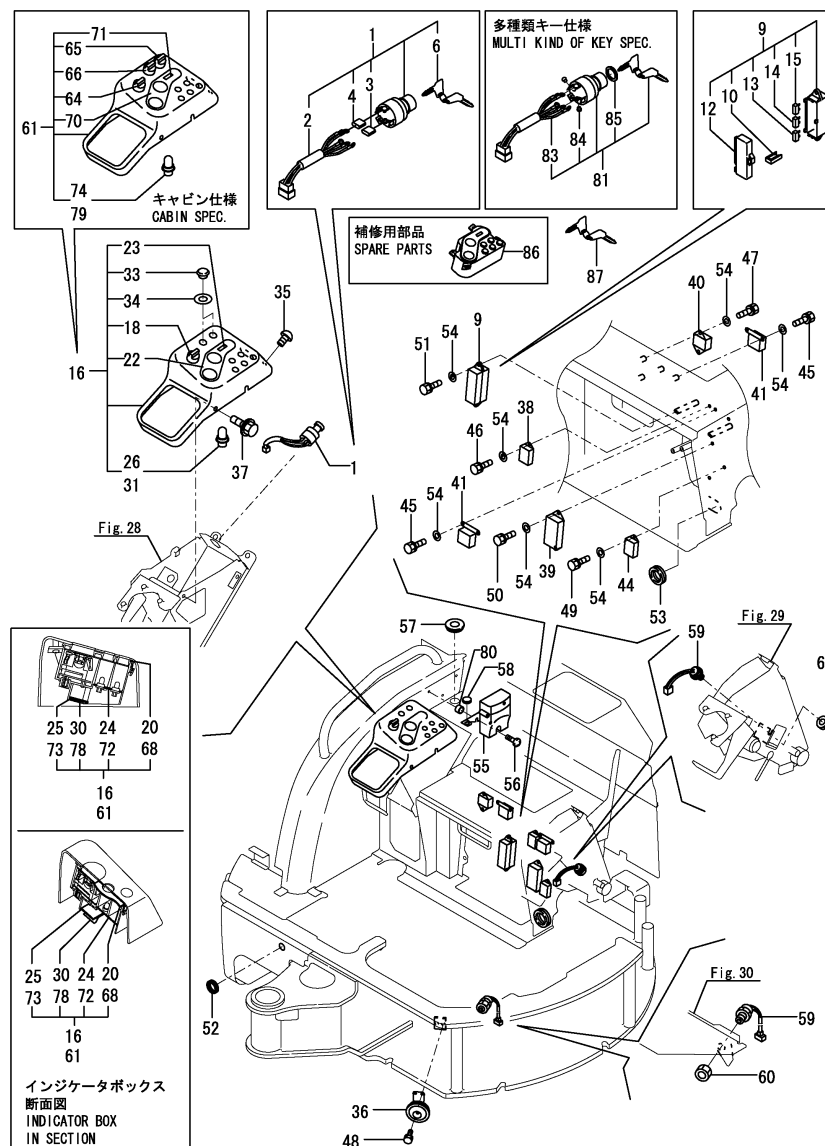


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-17100	SWITCH ASSY, STARTER		1						
1-1	1	172187-17100	SWITCH ASSY, STARTER	1	1		1				R
		(B=M/#21858)									
2	2	172187-17070	CORD ASSY	1	1		1				
3	2	172187-17080	COVER	3	3		3				
4	2	172187-17090	COVER	2	2		2				
6	2	172524-17330	KEY ASSY		1						
6-1	2	933110-00301	KEY ASSY	1	1		1				R
		(B=M/#21858)									
9	1	172187-17200	BOX, FUSE	1	1		1				
10	2	172175-17120	PULLER	1	1		1				
12	2	172187-17220	COVER	1	1		1				
13	2	29420-050000	FUSE, B 5A	2	2		2				
14	2	29420-150000	FUSE, B 15A	6	6		6				
15	2	29420-300000	FUSE, B 30A	2	2		2				
16	1	172458-17500	BOX,INDICATOR/CANOPY		1		1				3
18	2	172187-17280	SWITCH ASSY, LIGHT		1		1				
20	2	172187-17320	PACKING		1		1				
22	2	172187-17341	GAUGE ASSY		1		1				
23	2	172187-17350	METER ASSY, HOUR		1		1				
24	2	172187-17360	PRINT, CIRCUIT		1		1				
25	2	172187-17371	CIRCUIT ASSY		1		1				
26	2	172187-17380	BULB		4		4				
30	2	172187-17470	PLATE		1		1				
31	2	172187-17480	BULB		2		2				
33	2	172187-17560	CAP		2		2				
34	2	172187-17570	GASKET		2		2				
35	1	172458-46720	BOLT	1	1		1				
36	1	194151-57100	HORN	1	1		1				
37	1	172519-63240	BOLT	3	3		3				
38	1	119247-77100	RELAY, SAFETY	1	1		1				
39	1	129136-77200	RELAY, SAFETY	1	1		1				
40	1	129155-77810	REGISTER	1	1		1				
41	1	119650-77910	RELAY ASSY, GLOW	2	2		2				
44	1	129211-77920	TIMER	1	1		1				
45	1	26013-060122	BOLT, M6X 12	4	4		4				
46	1	26013-060122	BOLT, M6X 12	1	1		1				
47	1	26013-060122	BOLT, M6X 12	2	2		2				
48	1	26013-060162	BOLT, M6X 16	2	2		2				
49	1	26013-060162	BOLT, M6X 16	1	1		1				
50	1	26013-060202	BOLT, M6X 20	2	2		2				
51	1	26013-060202	BOLT, M6X 20	2	2		2				
52	1	172187-16560	GROMMET	1	1		1				
53	1	172165-62800	GROMMET	1	1		1				
54	1	22137-060000	WASHER, 6	12	12		12				
55	1	172958-17100	BOX,SWITCH	1	1		1				1
56	1	172137-46210	SCREW	3	3		3				1
57	1	172958-64500	PLUG	1	1		1				1
58	1	172187-64900	PLUG	1	1		1				1
59	1	194464-52190	SWITCH, SAFETY START	2	2		2				
60	1	26776-180002	NUT, LOCK M18	2	2		2				

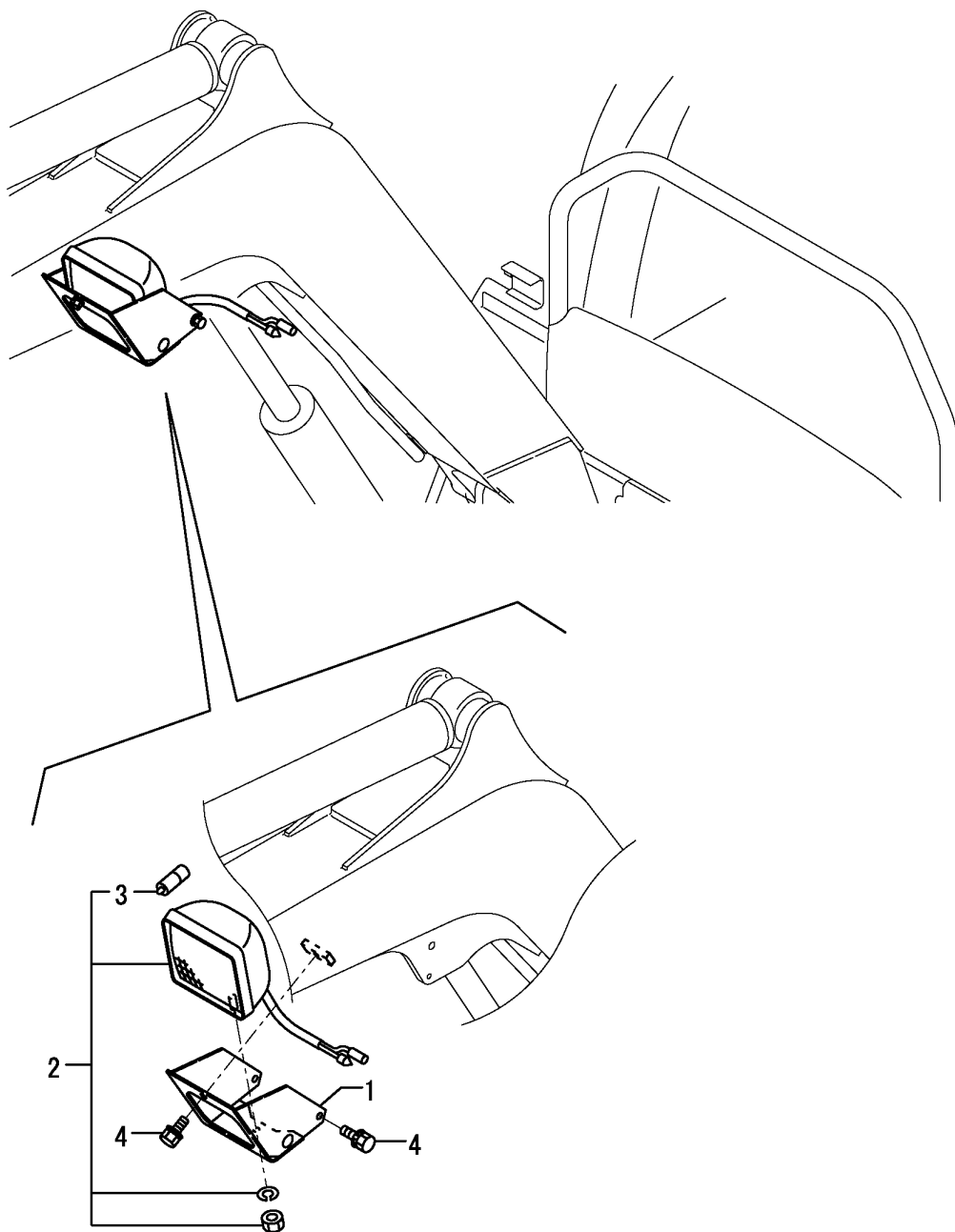
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
61	1	172458-17250	BOX,INDICATOR(CABIN)	1							3
64	2	172187-17280	SWITCH ASSY, LIGHT	1							
65	2	172187-17290	SWITCH ASSY, HEATER	1							
66	2	172187-17301	SWITCH ASSY, WIPER	1							
68	2	172187-17320	PACKING	1							
70	2	172187-17341	GAUGE ASSY	1							
71	2	172187-17350	METER ASSY, HOUR	1							
72	2	172187-17360	PRINT, CIRCUIT	1							
73	2	172187-17371	CIRCUIT ASSY	1							
74	2	172187-17380	BULB	4							
78	2	172187-17470	PLATE	1							
79	2	172187-17480	BULB	2							
80	1	172958-17130	COLLAR	3							1
81	1	172458-17171	KEY ASSY	1	1						2
83	3	172458-17150	HARNESS	1	1						
84	3	26022-050102	SCREW, M5X10	5	5						
85	2	172458-17161	PLATE	1	1						
86	1	172A77-17500	MONITOR ASSY	1	1		1			W	4
(A=MZZZZZ)		(B=MZZZZZ)		(D=MZZZZZ)							
87	1	933110-00301	KEY ASSY	1	1		1				5

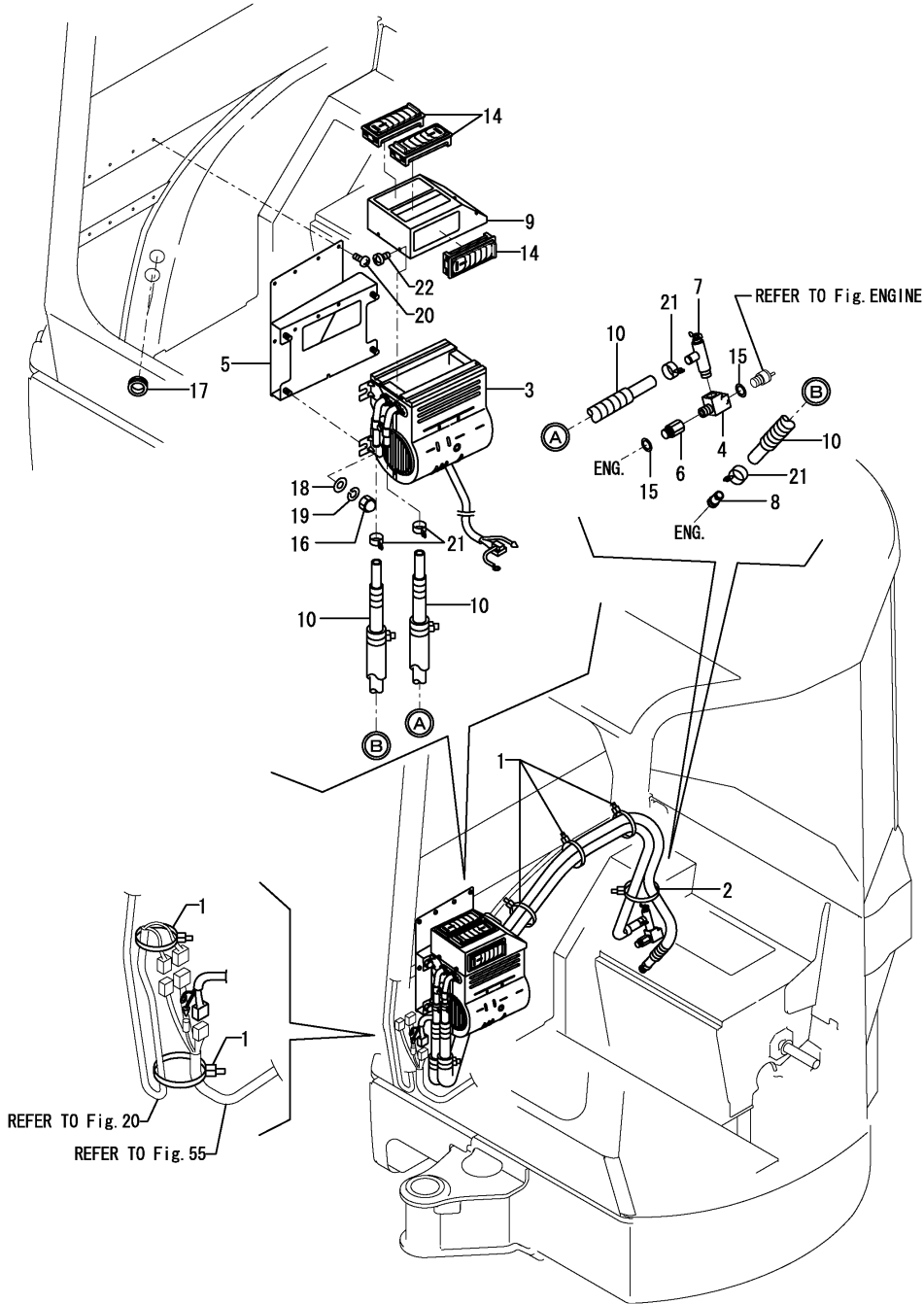
(1)QUICK HITCH SPEC.
(2)Engine start only.
(3)HOUR METER = ANALOG TYPE.
(4)HOUR METER = L.C.D. TYPE.
(5)For bonnet, door.

Fig.22. WORK LAMP



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

Fig.24. HEATER

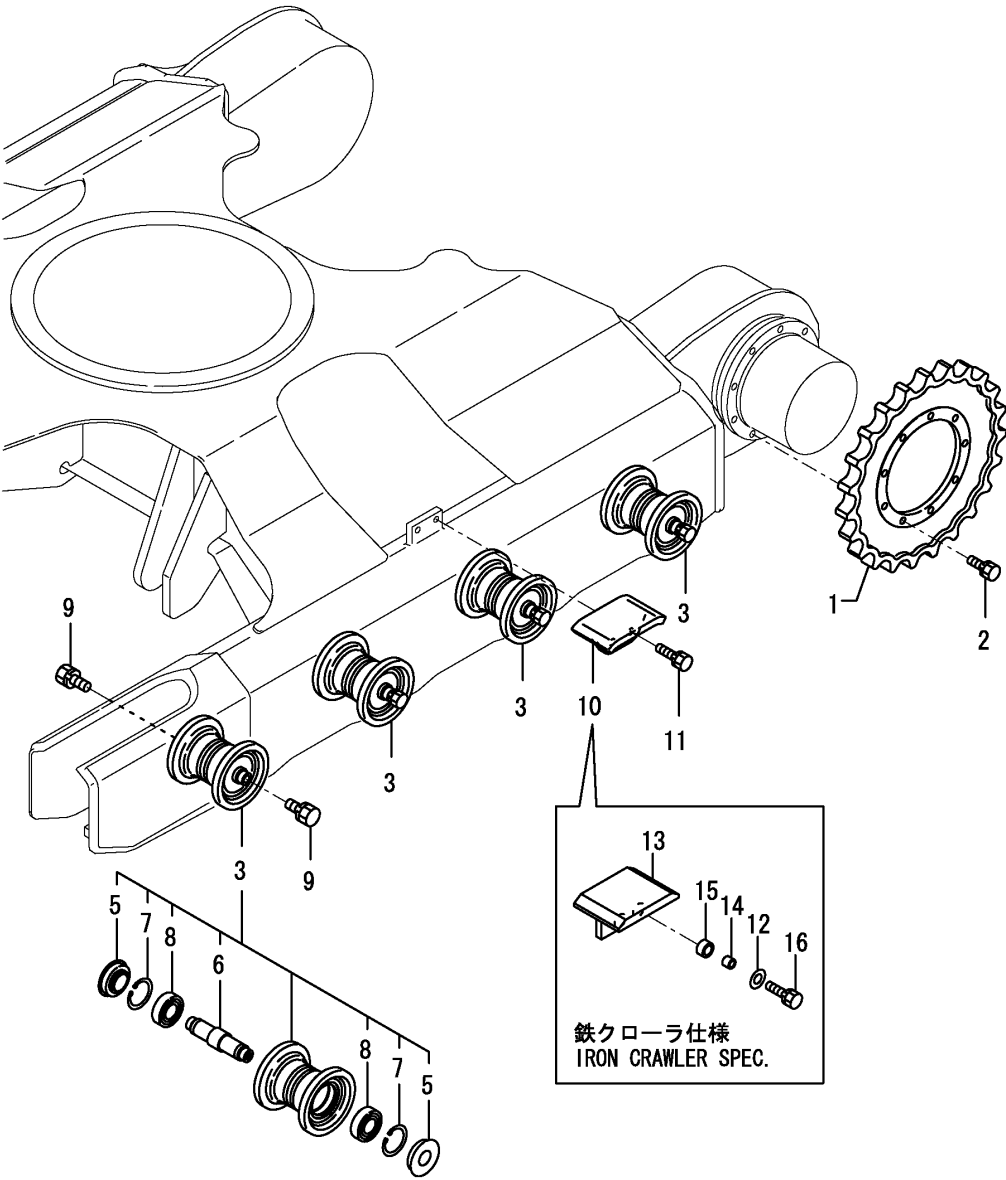


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

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

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



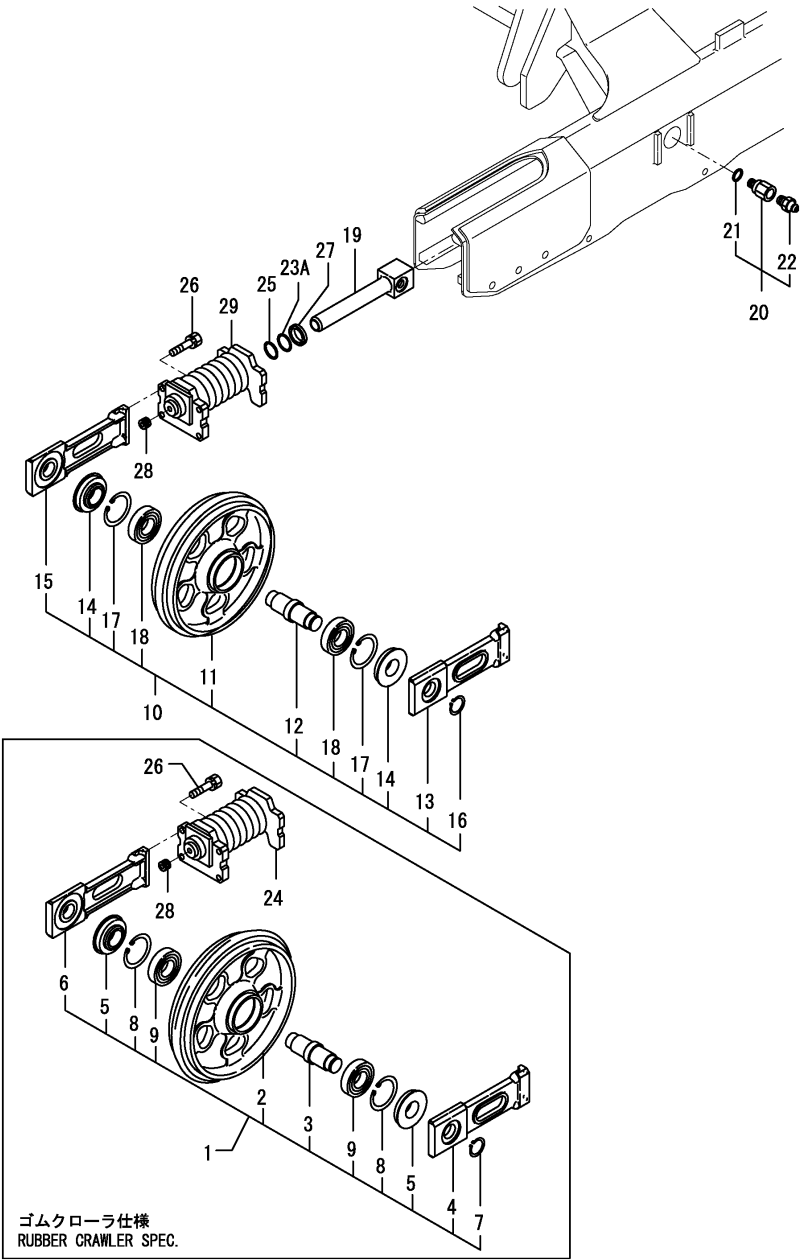
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-29100	SPROCKET	2	2		2				
2	1	26013-100252	BOLT, M10X 25	18	18		18				
3	1	772456-37300	TRACK ROLLER ASSY(88		8						
3-1	1	772456-37301	TRACK ROLLER ASSY(88	8	8		8				R
		(B=M/#21915)									
5	2	172173-37320	SEAL,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

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

Fig.26. IDLER & ADJUST

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

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



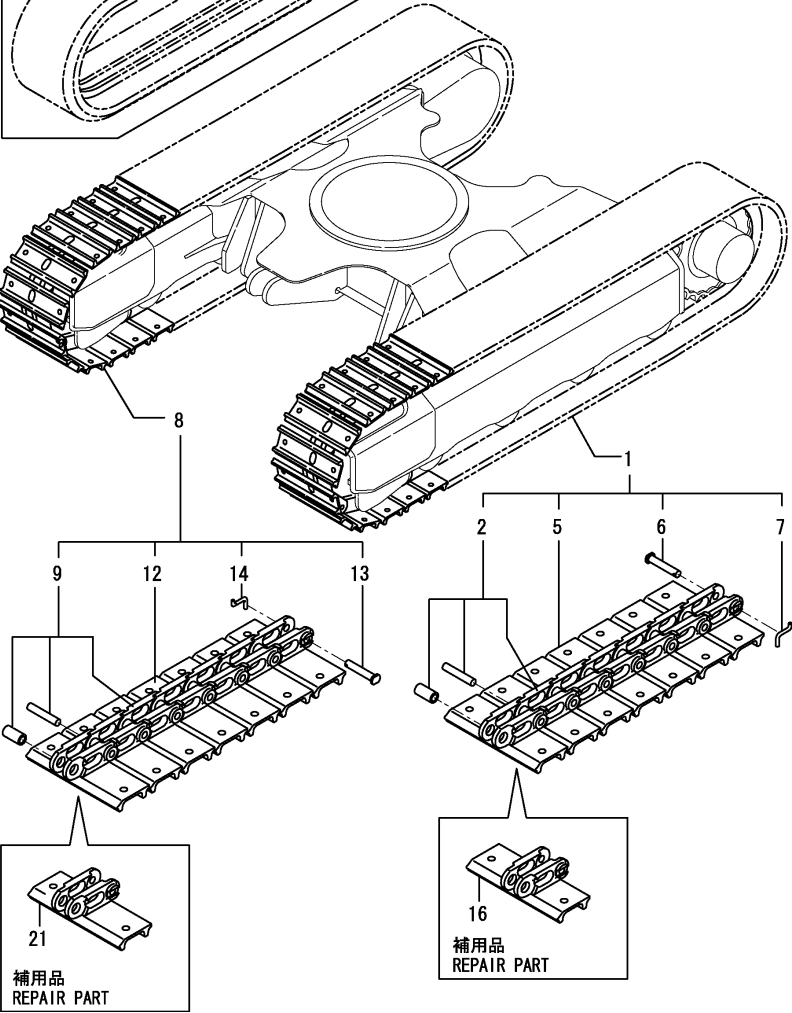
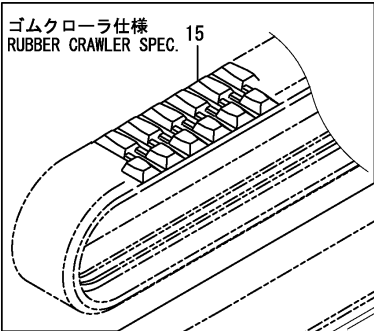
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772456-37100	IDLER ASSY, RUBBER	2	2		2				1
2	2	172456-37100	IDLER ASSY	2	2		2				
3	2	172456-37120	SHAFT, IDLER	2	2		2				
4	2	172456-37130	COVER, IDLER SEAL	2	2		2				
5	2	172141-37140	SEAL, 357220	4	4		4				
6	2	172456-37140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

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

Fig.27. CRAWLER

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

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

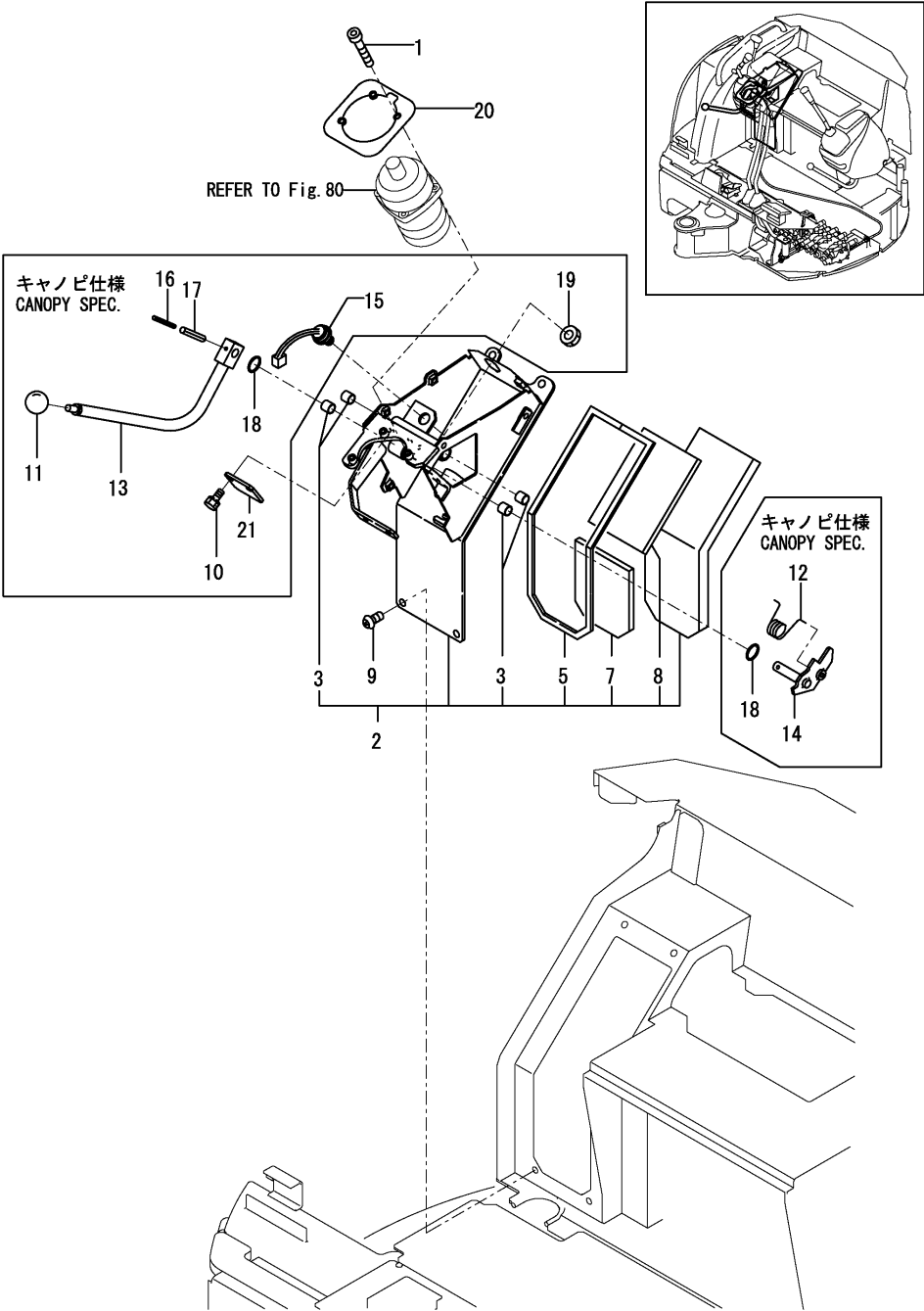


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-38100	SHOE ASSY, TRACK 250	1	1		1				2
2	2	172421-38110	LINK, CRAWLER	1	1		1				
5	2	172456-38110	PLATE,SHOE 250L (88)	44	44		44				
6	2	172173-38220	PIN,MASTER	1	1		1				
7	2	172173-38300	PIN 4X22,LOCK	1	1		1				
8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

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

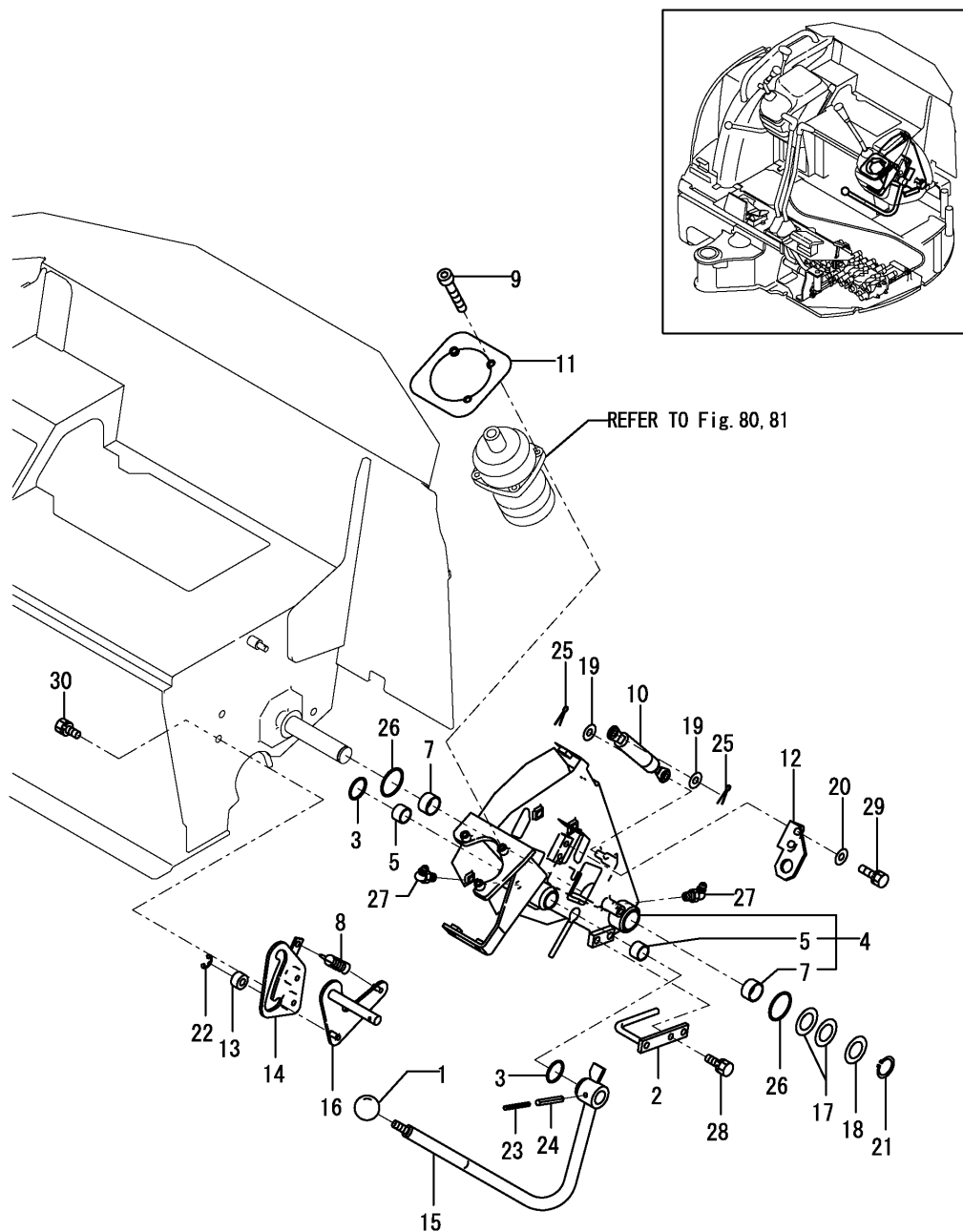
Fig.28. CONTROL EQUIPMENT(LOCK LEVER & STAND)(RIGHT)

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



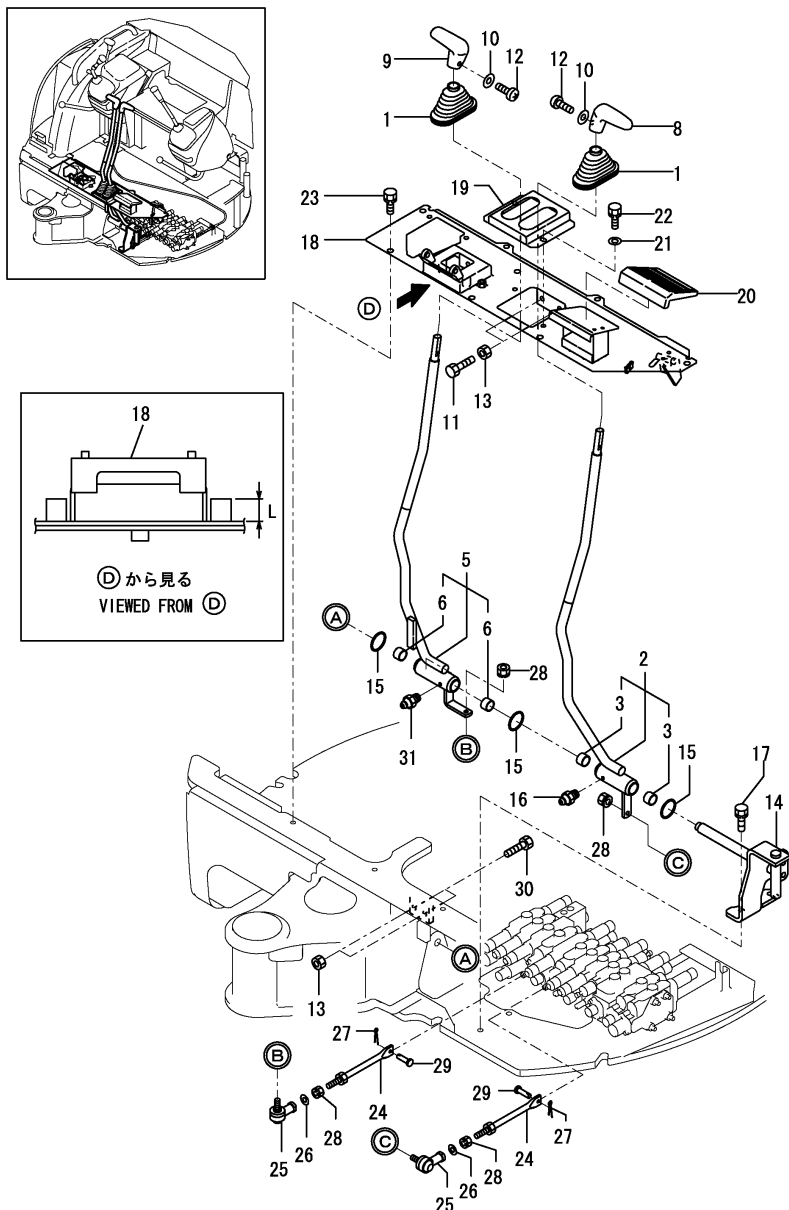
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46730	BOLT N6X30	3	3		3				
2	1	172458-46800	STAND, LEVER		1						
2-1	1	172458-46801	STAND, LEVER		1						N
(B=M/#20501)											
2-2	1	172457-46800	STAND, LEVER		1						N
(B=M/#20580)											
2-3	1	172457-46801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

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



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

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



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

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

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

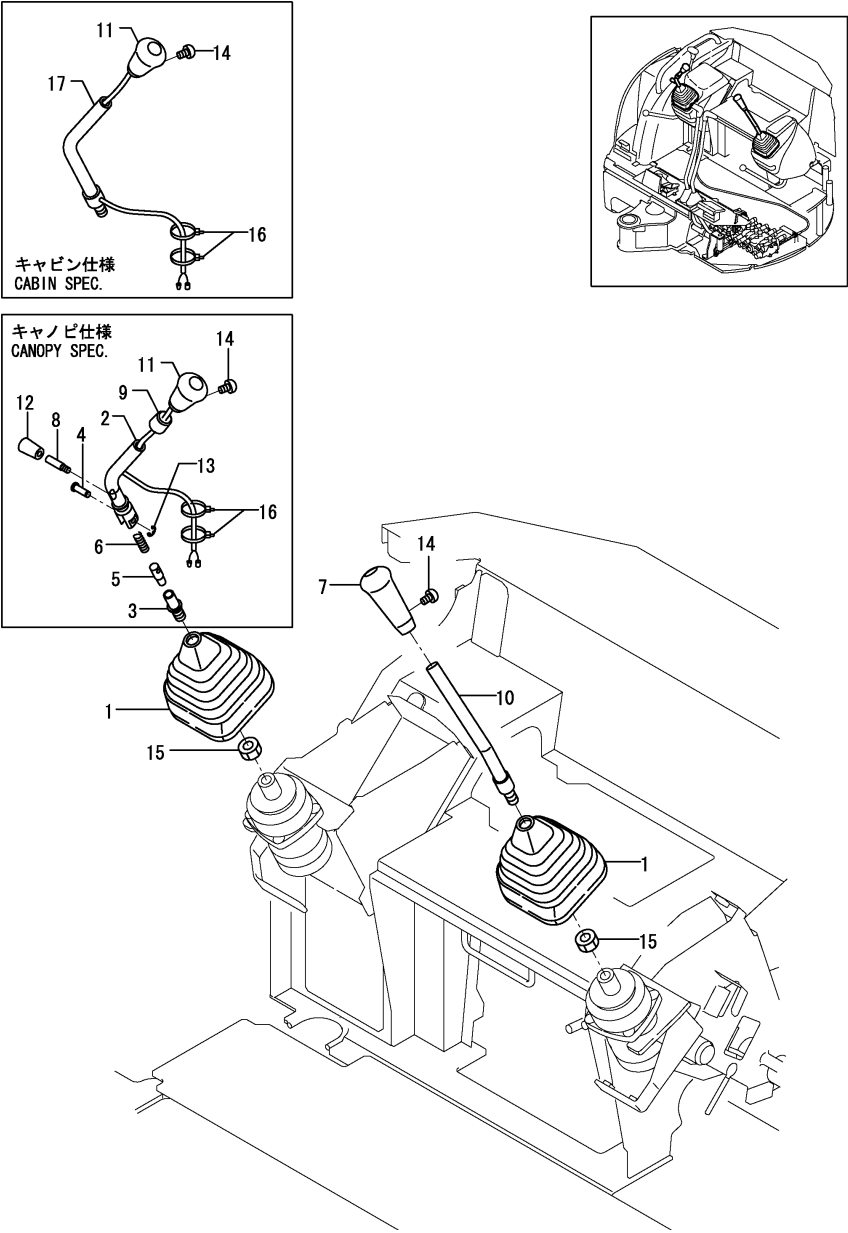
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOTS	2	2		2				
2	1	172456-45100	LEVER L,TRACK(GRAY72		1						
2-1	1	172469-45100	LEVER L,TRUCK(GRAY72	1	1		1			N	2
(B=M/#22514)											
3	2	172141-41370	BUSH 2015	2	2		2				
5	1	172456-45140	LEVER R,TRACK(GRAY72		1						
5-1	1	172469-45140	LEVER R,TRUCK(GRAY72	1	1		1			N	2
(B=M/#22514)											
6	2	172141-41370	BUSH 2015	2	2		2				
8	1	172187-45870	GRIP, DRIVE	1	1		1				
9	1	172187-45880	GRIP, DRIVE	1	1		1				
10	1	22117-040000	WASHER, 4	2	2		2				
11	1	26116-100404	BOLT, M10X 40 PLATED	2	2		2				
12	1	26587-040122	SCREW, M4X12	2	2		2				
13	1	26716-100002	NUT, M10	4	4		4				
14	1	172458-45660	BRACKET,TRUCK(GRAY72		1						
14-1	1	172472-45660	BRACKET ASSY (TRUCK	1	1		1			N	2
(B=M/#22514)											
15	1	172124-46200	O-RING	3	3		3				
16	1	24761-020000	NIPPLE, GREASE PT1/8		2						
16-1	1	24761-020000	NIPPLE, GREASE PT1/8	1	1		1			K	2
(B=M/#22514)											
17	1	26013-100252	BOLT, M10X 25	2	2		2				
18	1	172458-45400	STAND ASSY, LINK		1						1
18-1	1	172458-45401	STAND ASSY, LINK	1	1		1			S	1
(B=M/#20502)											
18-2	1	172458-45402-1	STAND ASSY, LINK	1	1		1			N	1
(A=MZZZZZ) (B=MZZZZZ) (D=MZZZZZ)											
19	1	172458-45510	BRACKET,BOOT(BLACK12	1	1		1				
20	1	172187-45760	COVER PAD	1	1		1				
21	1	22137-080000	WASHER, 8	2	2		2				
22	1	26013-080162	BOLT, M8X 16	2	2		2				
23	1	26013-100202	BOLT, M10X 20	6	6		6				
24	1	172458-45250	ROD 91 ASSY	2	2		2				
25	1	172122-46590	ELBOW	2	2		2				
26	1	22117-080000	WASHER, 8	2	2		2				
27	1	22417-160160	PIN, COTTER 1.6X16	2	2		2				
28	1	26051-080002	NUT, M8	4	4		4				
29	1	933110-54100	PIN 4.75X14	2	2		2				
30	1	26116-100604	BOLT, M10X 60 PLATED	2	2		2				
31	1	24761-020000	NIPPLE, GREASE PT1/8		1						
31-1	1	24761-050000	NIPPLE, GREASE C	1	1		1			S	2
(B=M/#22514)											

(B=M/#22514)

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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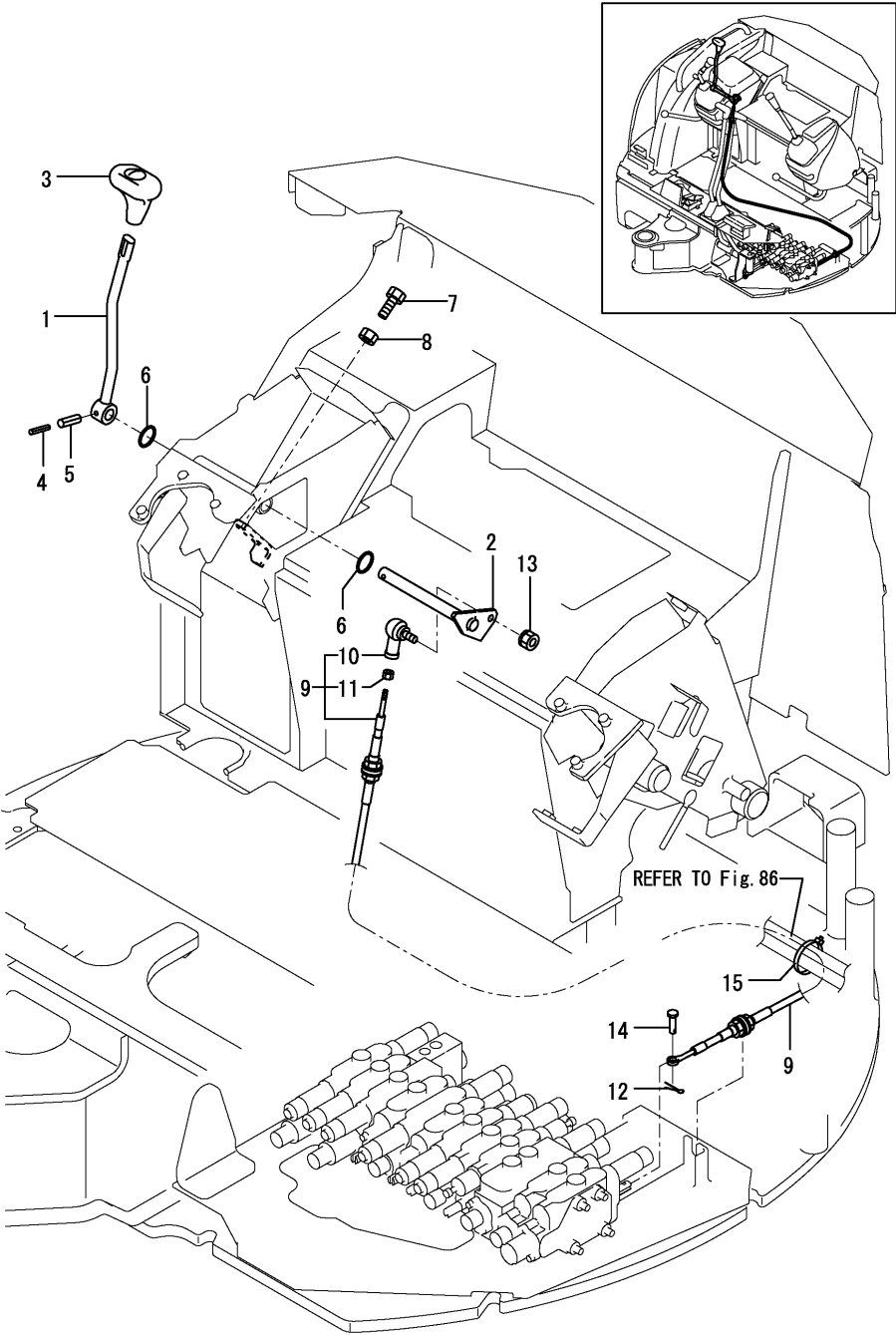
Fig.31. CONTROL EQUIPMENT(OPERATION LEVER)



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

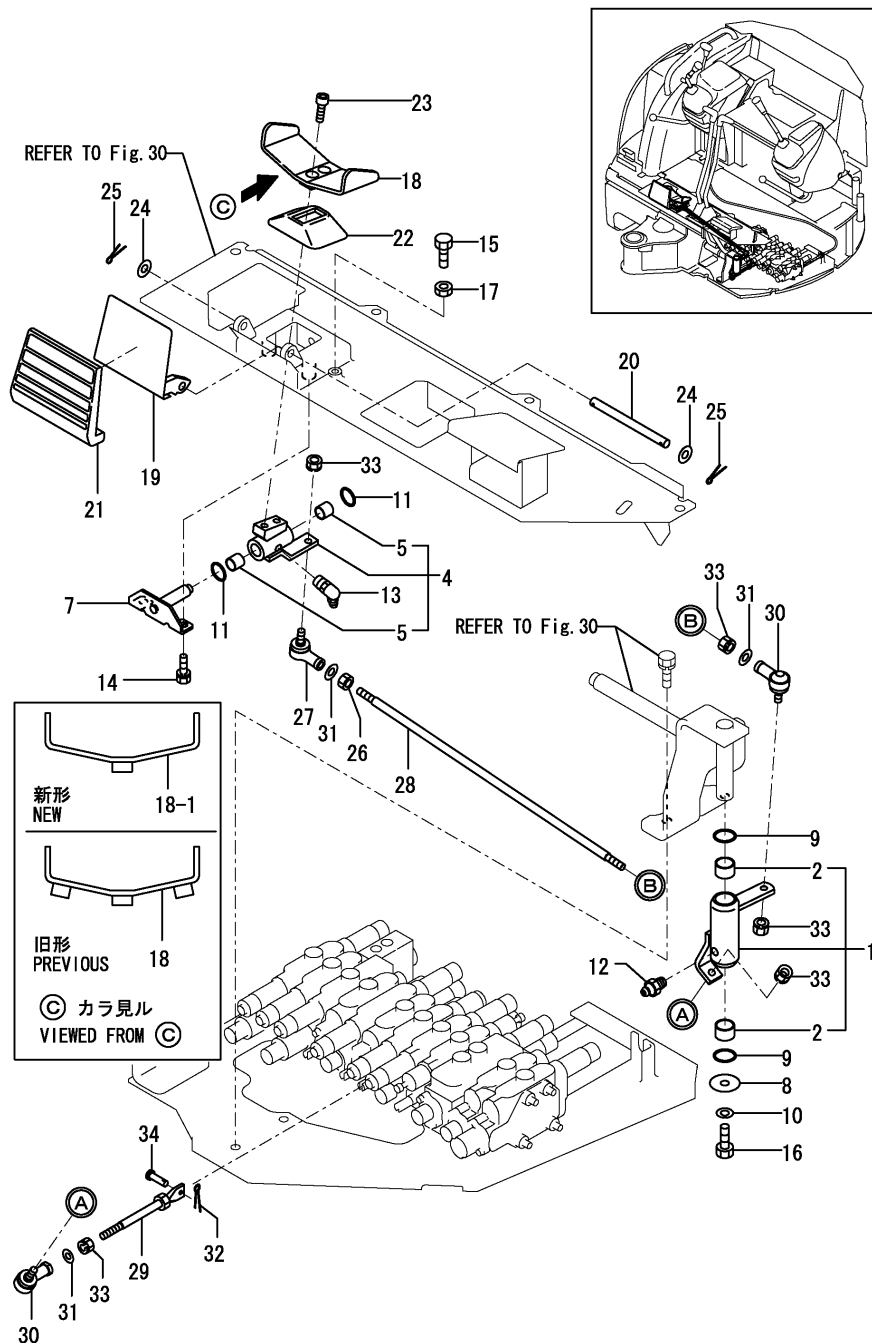
0CK10-M37602 Fig.31									
(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)= (D)=VIO20-2 P(EX) (E)= (F)=									
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172151-45010	BOOT P.LEVER	2	2		2		
2	1	172456-45010	LEVER R (GRAY:72)		1		1		
3	1	172164-45041	HINGE		1		1		
4	1	172164-45050	PIN 8X 22		1		1		
5	1	172164-45061	PIN		1		1		
6	1	172164-45070	SPRING		1		1		
7	1	172165-45071	KNOB ASSY	1	1		1		
8	1	172164-45080	SCREW, M6		1		1		
9	1	172164-45090	CAP		1		1		
10	1	172165-47851	LEVER L, SI	1	1		1		
11	1	172165-47871	KNOB ASSY	1	1		1		1
12	1	172157-58830	KNOB, 6.5X18X35		1		1		
13	1	22272-000060	RING, E- 6		1		1		
14	1	26587-040062	SCREW, M4X 6	2	2		2		
15	1	26776-140002	NUT, LOCK M14	2	2		2		
16	1	933168-55770	BAND 146	2	2		2		
17	1	172165-47821	LEVER R ASSY, SI(72)	1					

Fig.32. CONTROL EQUIPMENT(BLADE LEVER)



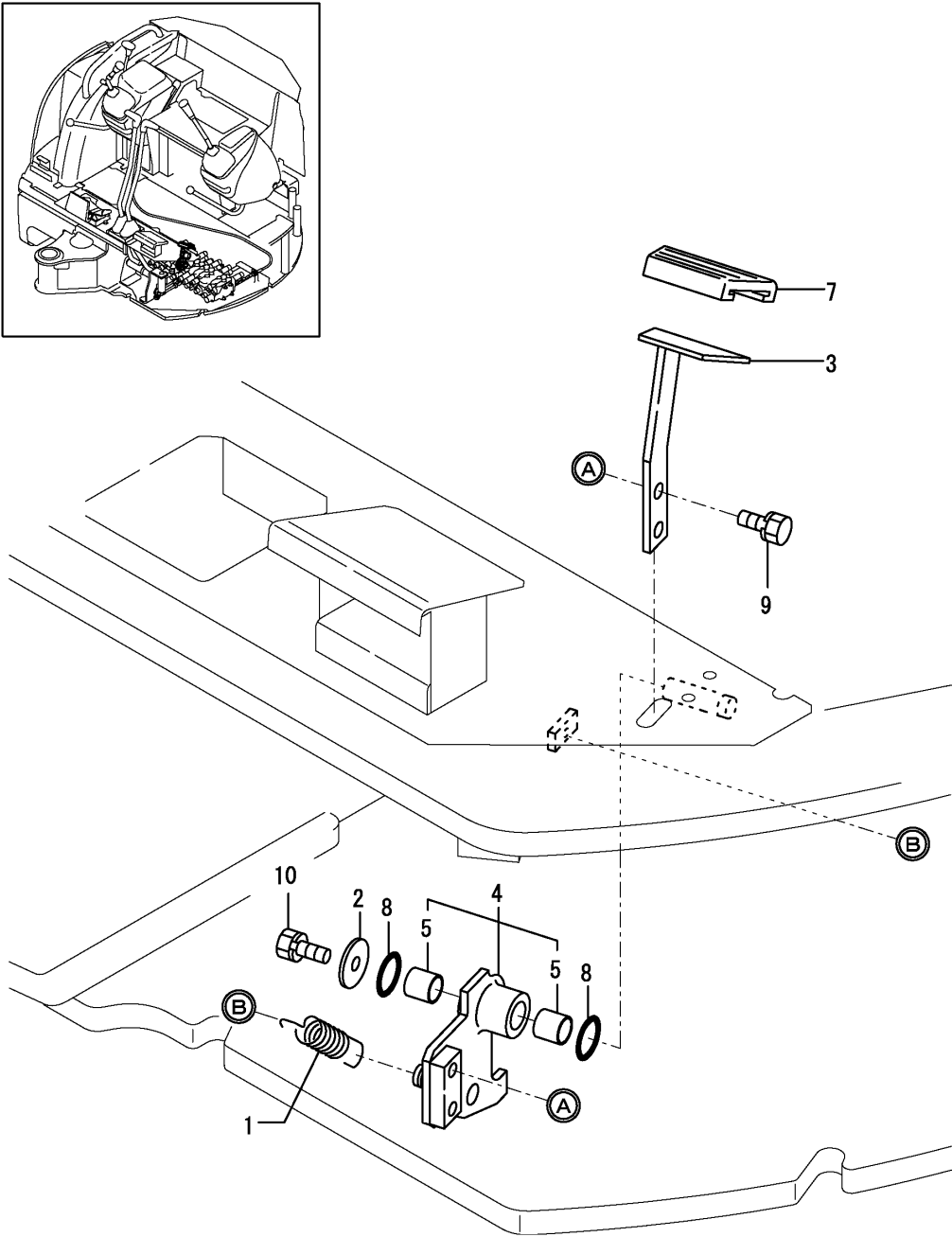
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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



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

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

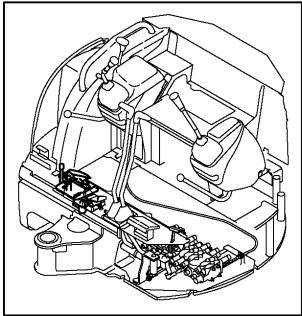


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

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

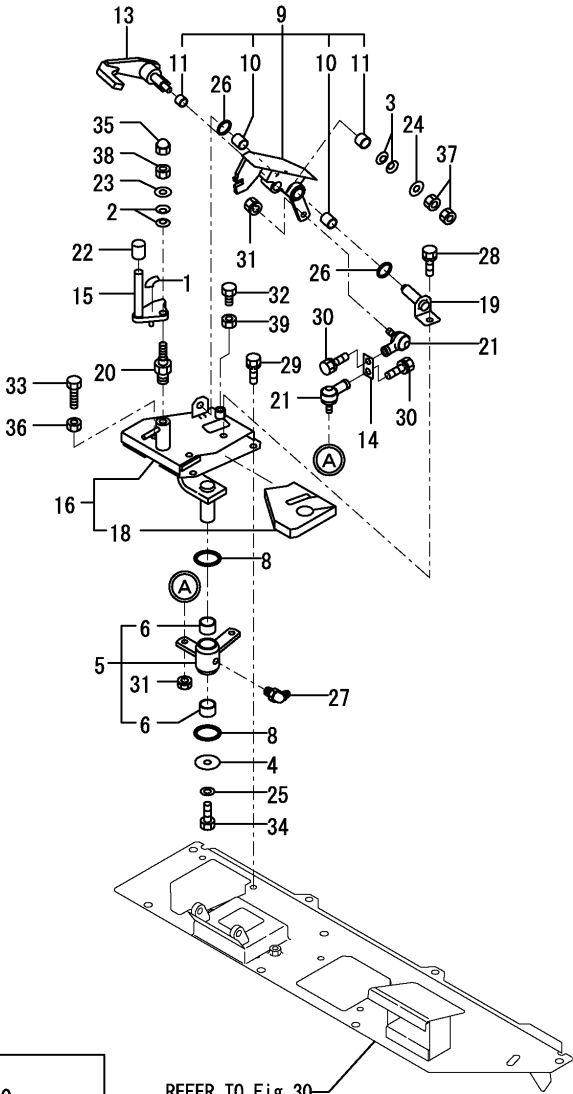
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



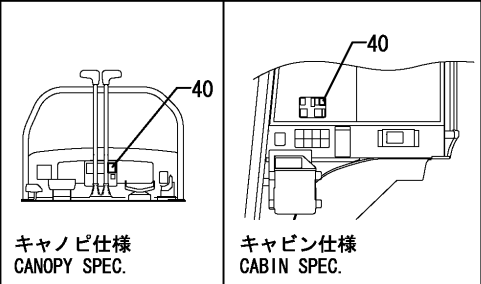
172456-08700
P T Oキットは、
項目NO. 112を参照下さい。
P.T.O. KIT
is shown in Fig. 112.

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

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

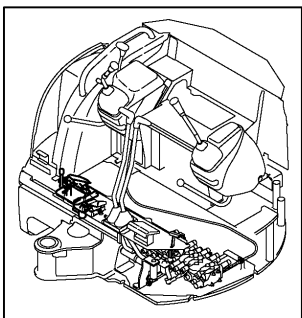


REFER TO Fig. 30



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

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



172456-08720
P.T.O. KIT (FRAME END) は、
項目 NO. 114 を参照下さい。
P.T.O. KIT (FRAME END)
is shown in Fig. 114.

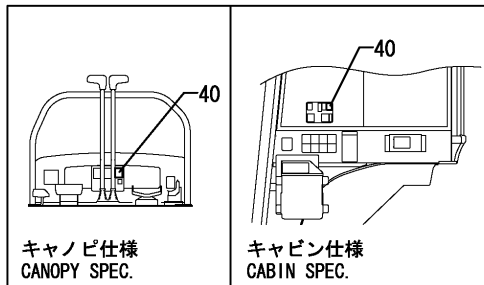
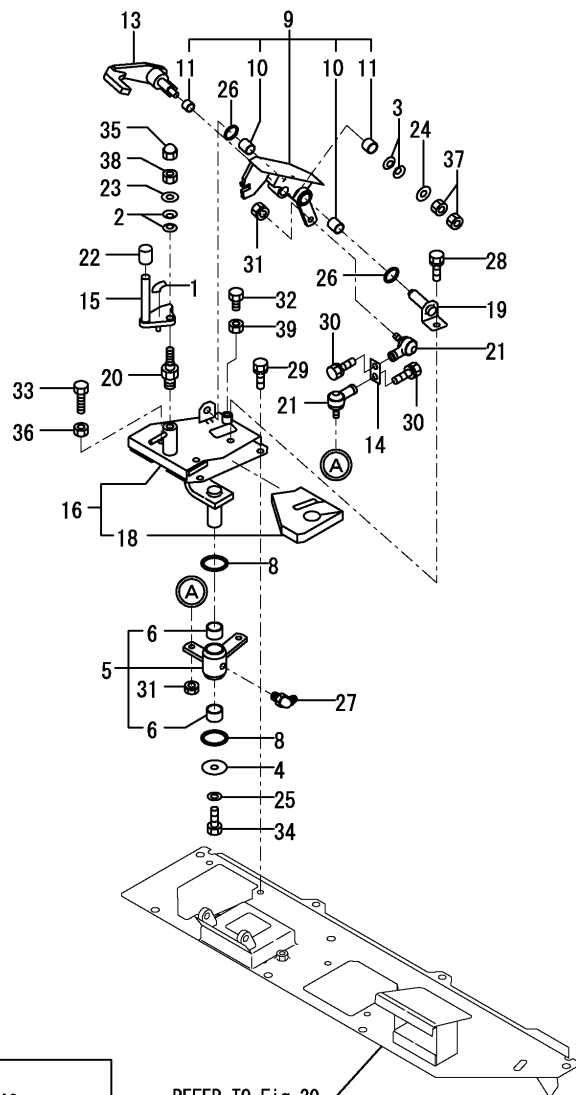
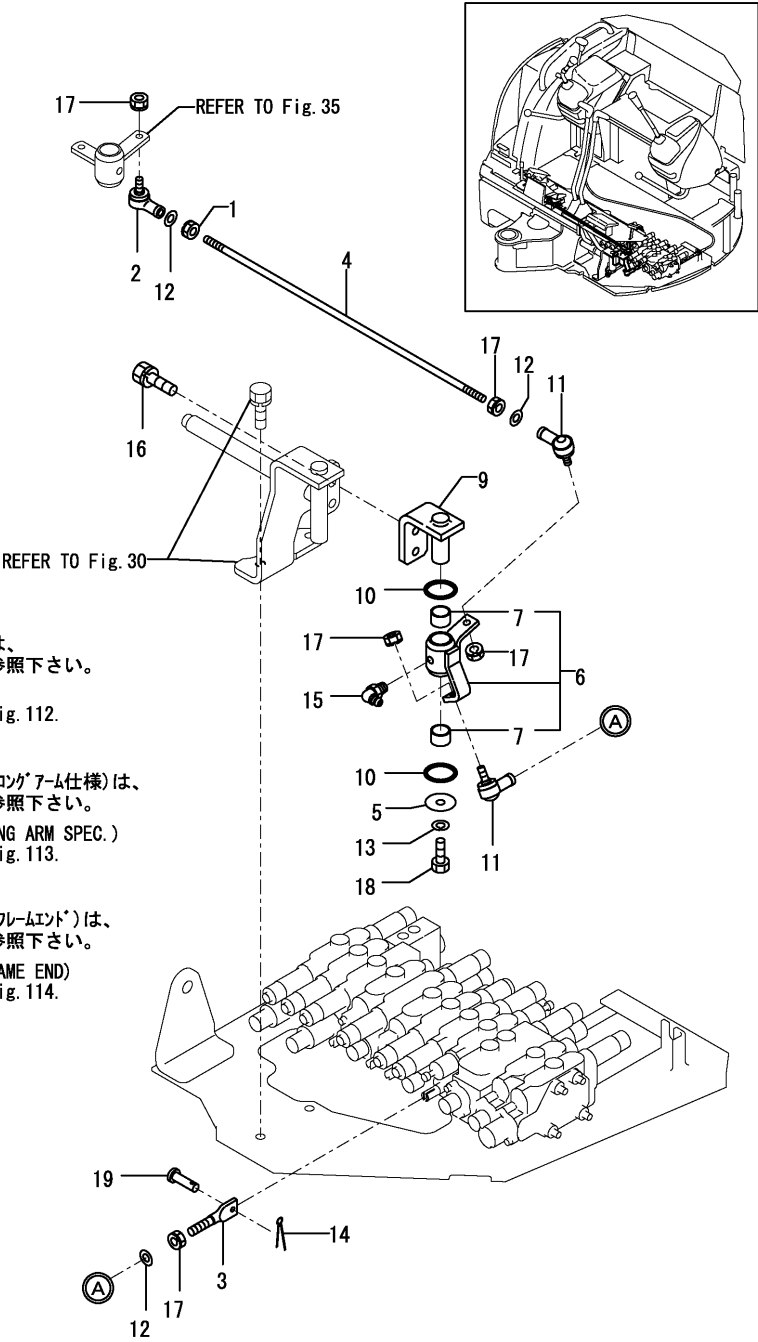
[illegible]

Fig.36. CONTROL EQUIPMENT(P.T.O. LINK)

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

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



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

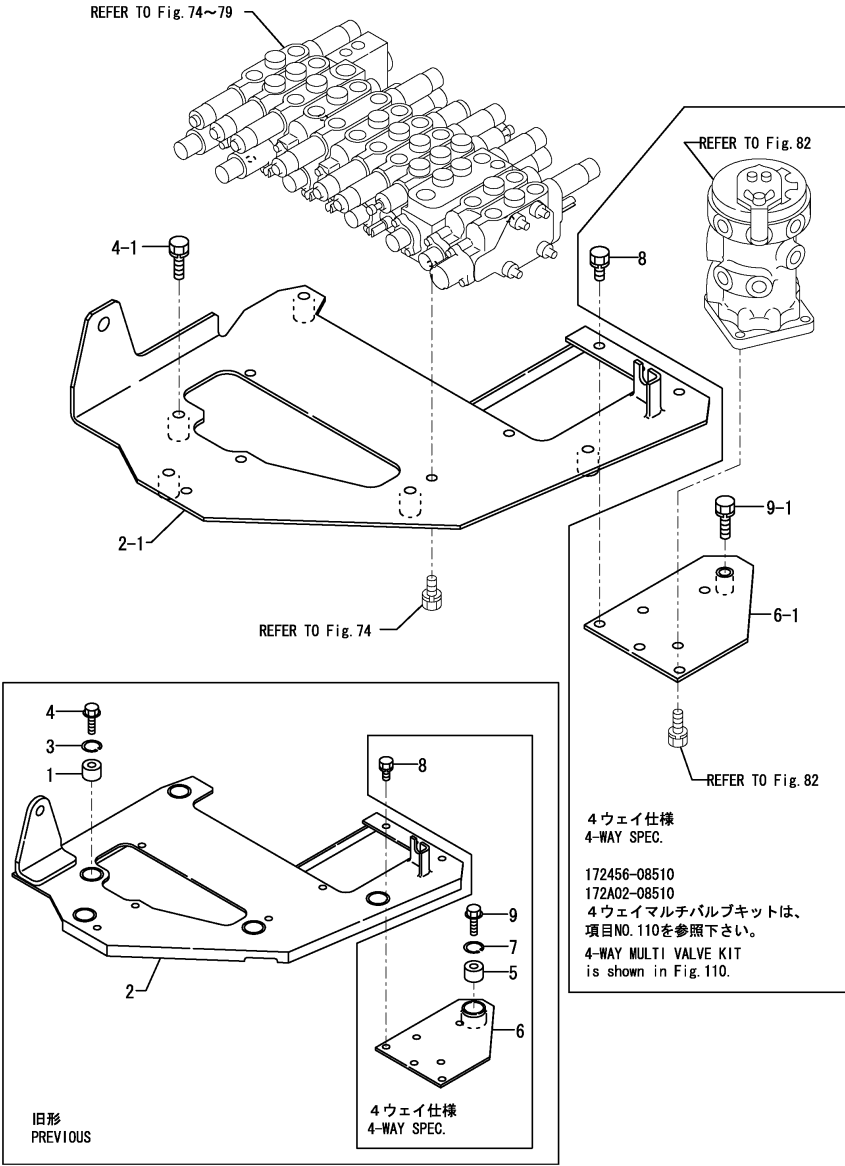
172456-08710
P T Oキット (ロングアーム仕様) は、
項目NO. 113を参照下さい。
P.T.O. KIT (LONG ARM SPEC.)
is shown in Fig. 113.

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

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

OCK10-M37602 CONTROL EQUIPMENT
Fig.37. CONTROL VALVE PLATE

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



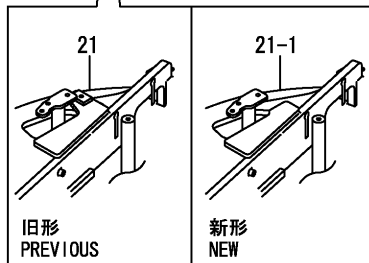
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-45490 (B=M/#21745)	CUSHION		5						Z
2	1	172458-45600	PLATE ASSY,VALVE		1						
2-1	1	172487-45600 (B=M/#21745)	PLATE,VALVE(GRAY:72)	1	1		1			F	2
3	1	22252-000280 (B=M/#21745)	RING, 28		5						Z
4	1	26106-100352	BOLT, M10X 35 PLATED		5						
4-1	1	26013-100402 (B=M/#21745)	BOLT, M10X 40	5	5		5				S
5	1	172165-45490 (B=M/#22501)	CUSHION		1					Z	1
6	1	172456-74200	BRACKET,MULTI		1						1
6-1	1	172487-74200 (B=M/#22501)	BRACKET,MULTI	1	1					F	3
7	1	22252-000280 (B=M/#22501)	RING, 28		1					Z	1
8	1	26013-100202	BOLT, M10X 20	3	3						1
9	1	26106-100352	BOLT, M10X 35 PLATED		1						1
9-1	1	26013-100352 (B=M/#22501)	BOLT, M10X 35	1	1					S	1

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

This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or motor housing. The main housing (1) is shown with various internal and external features. Key components include:

- 1**: Main housing body.
- 2**: A small circular cap or plug.
- 3**: A small screw or fastener.
- 4**: A vertical support or guide rail.
- 5**: A curved, ribbed component, possibly a fan or impeller.
- 6**: A curved, ribbed component, possibly a fan or impeller.
- 7**: A small rectangular plate or bracket.
- 8**: A small rectangular plate or bracket.
- 9**: A small rectangular plate or bracket.
- 10**: A curved, ribbed component, possibly a fan or impeller.
- 11**: A small rectangular plate or bracket.
- 12**: A small rectangular plate or bracket.
- 13**: A small rectangular plate or bracket.
- 14**: A small circular cap or plug.
- 15**: A small screw or fastener.
- 16**: A small screw or fastener.
- 17**: A small screw or fastener.
- 18**: A small screw or fastener.
- 19**: A small screw or fastener.
- 20**: A small screw or fastener.
- 21**: A small screw or fastener.
- 22**: A small screw or fastener.
- 23**: A small screw or fastener.
- 24**: A small screw or fastener.
- 25**: A small screw or fastener.
- 26**: A small screw or fastener.
- 27**: A small screw or fastener.
- 28**: A small screw or fastener.
- 29**: A small screw or fastener.
- 30**: A small screw or fastener.

The diagram shows the relative positions and assembly sequence of these parts, with dashed lines indicating the path of assembly.



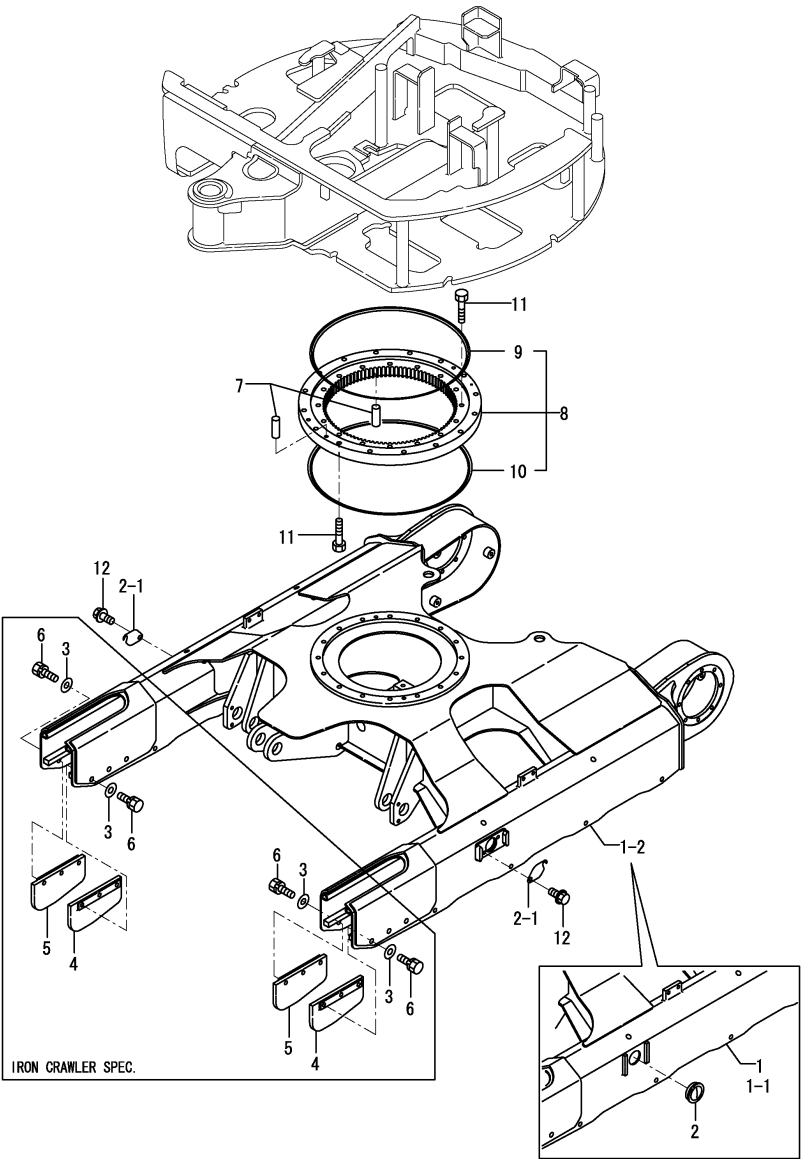
No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172456-53300	WEIGHT, COUNTER	1	1		1			
4	2	172458-53370	SEAL, COUNTER	2	2		2			W
		(B=M/#20501)								
6	1	172456-53320	WEIGHT	1	1		1			
9	1	172458-53330	BRACKET ASSY	2	2		2			
10	1	172456-53340	WEIGHT	1	1		1			
13	1	172456-53360	COVER, WEIGHT		1					Z
		(B=M/#21637)								
14	1	172151-53430	GROMMET, 34		4					
14-1	1	172456-53700	GROMMET	4	4		4			N
		(B=M/#22186)								
15	1	172165-53480	BOLT M16X 60	2	2		2			
16	1	172165-53500	WASHER	10	10		10			
17	1	22217-160000	WASHER, SPRING 16	8	8		8			
18	1	26013-100162	BOLT, M10X 16		3					Z
		(B=M/#21637)								
19	1	26116-160452	BOLT, M16X 45 PLATED	4	4		4			
20	1	26116-160602	BOLT, M16X 60 PLATED		4					
20-1	1	26116-160652	BOLT, M16X 65 PLATED	4	4		4			N
		(B=M/#20501)								
21	1	172456-54100	FRAME,TURNING (97)		1					
21-1	1	172456-54101	FRAME, TURNING (97)	1	1		1			S
		(B=M/#21703)								
21-2	1	172456-54090	FRAME, TURNING (97)	1	1		1			N
	(A=XXX)	(B=XXX)	(D=XXX)							
22	2	172171-54750	BUSH 50X65	2	2		2			
23	2	172165-81760	SEAL, DUST 50X60X4		2					
23-1	2	172448-54120	SEAL, DUST	2	2		2			R
		(B=M/#21808)								
24	1	24761-040000	NIPPLE, GREASE B	1	1		1			
25	1	172165-53500	WASHER	4	4		4			
26	1	172456-67210	MOUNT,CANOPY(GRAY:73	1	1		1			
27	1	22217-160000	WASHER, SPRING 16	4	4		4			
28	1	26116-160452	BOLT, M16X 45 PLATED	4	4		4			

Fig.39. TRACK FRAME & TURNING BEARING

OCK10-M37602 Fig.39

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

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

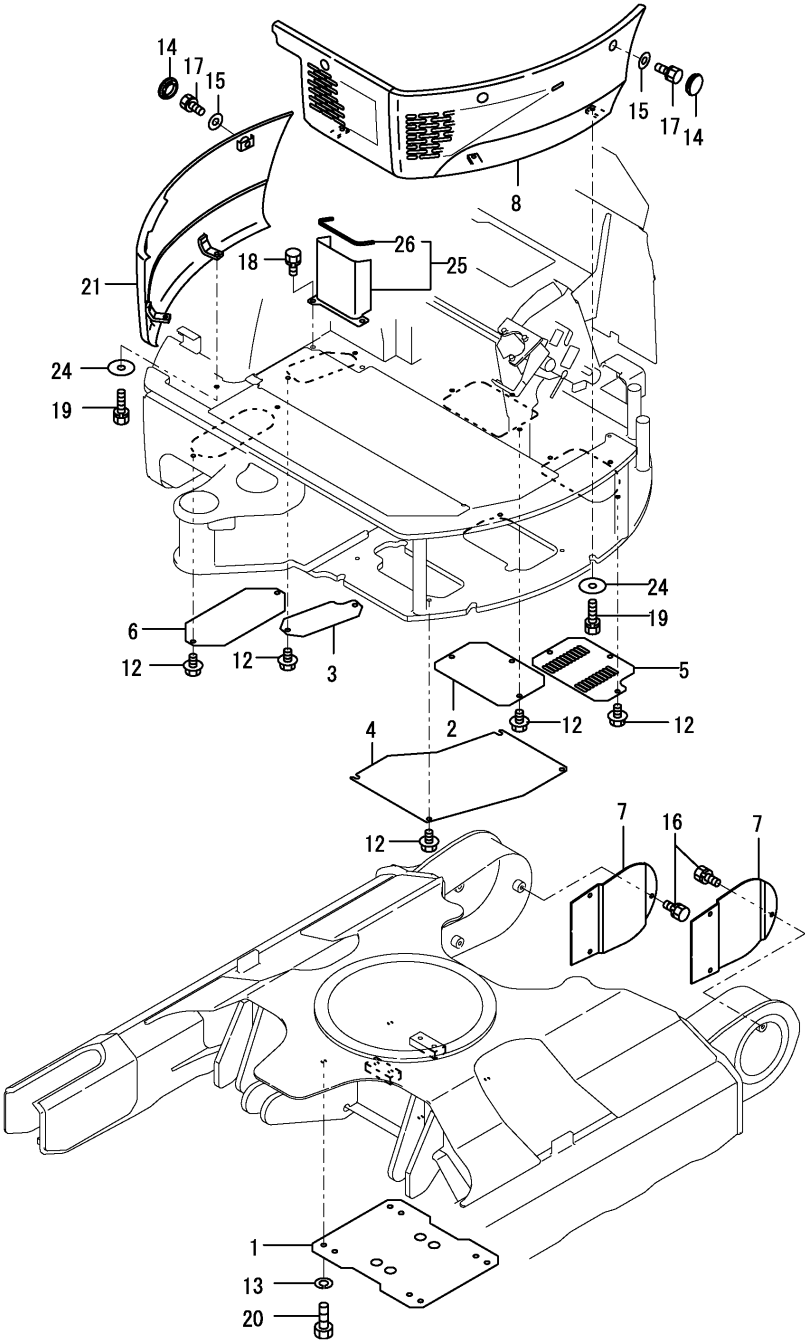


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-50100	FRAME,LOWER(GREEN:88		1						
1-1	1	172456-50101	FRAME,LOWER(GREEN:88		1						R
(B=M/#21637)											
1-2	1	172456-50102	FRAME,LOWER(GREEN:88	1	1		1			F	2
(B=M/#22511)											
2	1	172141-50890	GROMMET		2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

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

OCK10-M37602 COVER
Fig.40. COVER(FRAME)

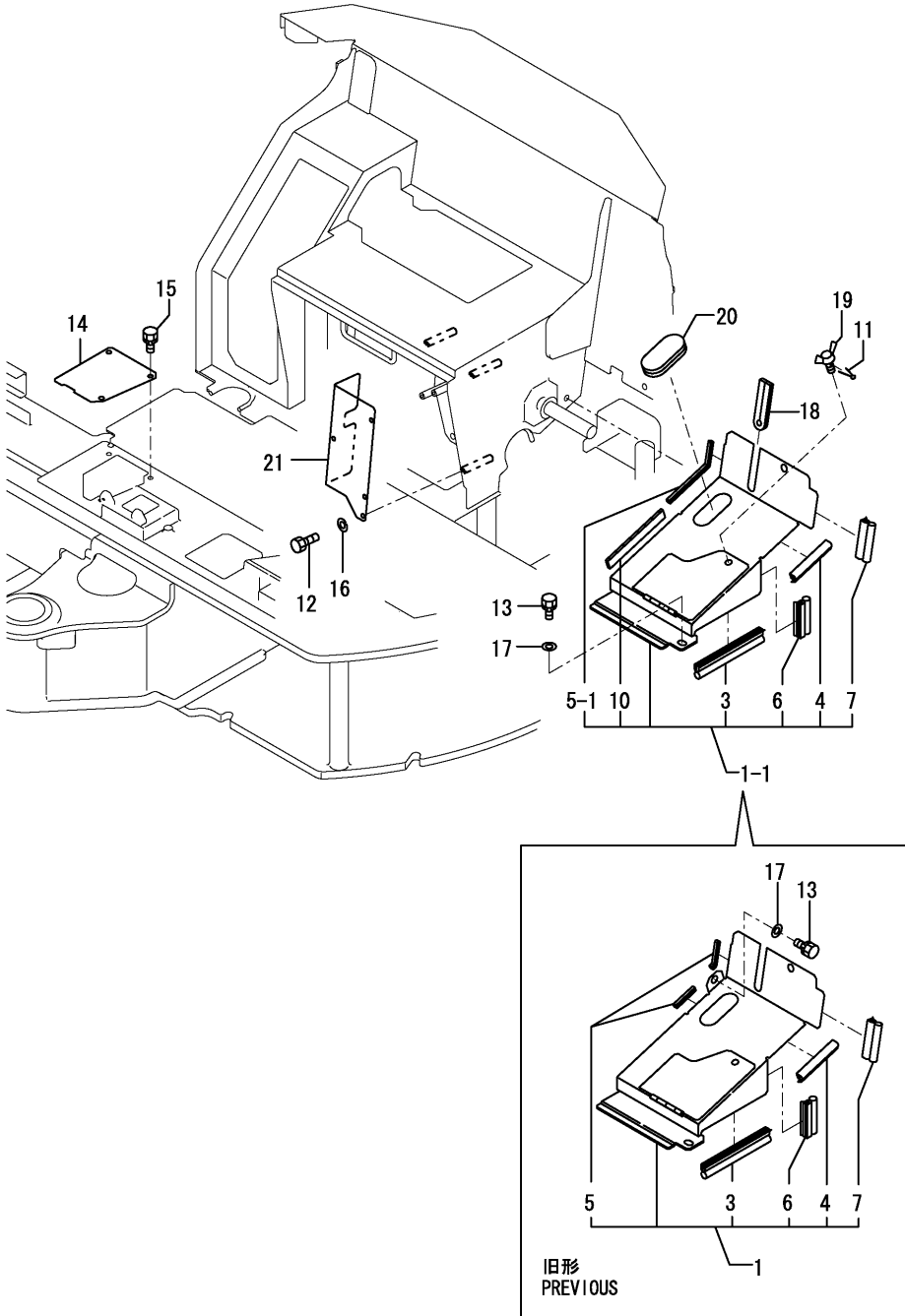
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



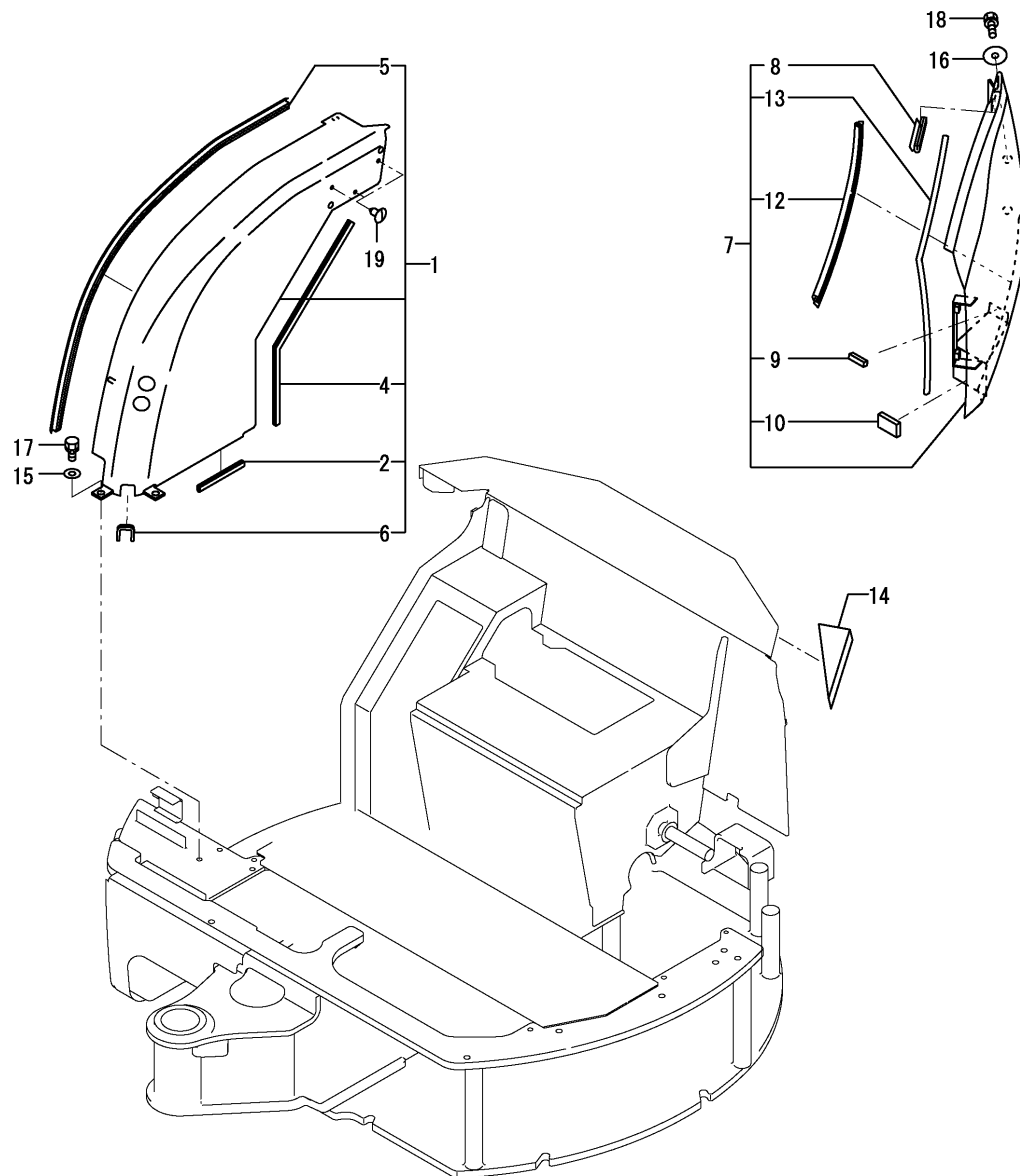
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-50762-1	COVER	1	1		1				
1-1	1	172141-50763-3	COVER	1	1		1				N
(A=MXXXXXX) (B=MXXXXXX) (D=MXXXXXX)											
2	1	172456-61100	COVER	1	1		1				
3	1	172456-61110	COVER	1	1		1				
4	1	172458-61110	COVER, VALVE	1	1		1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

Fig.41. COVER(AROUND CONTROL)

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

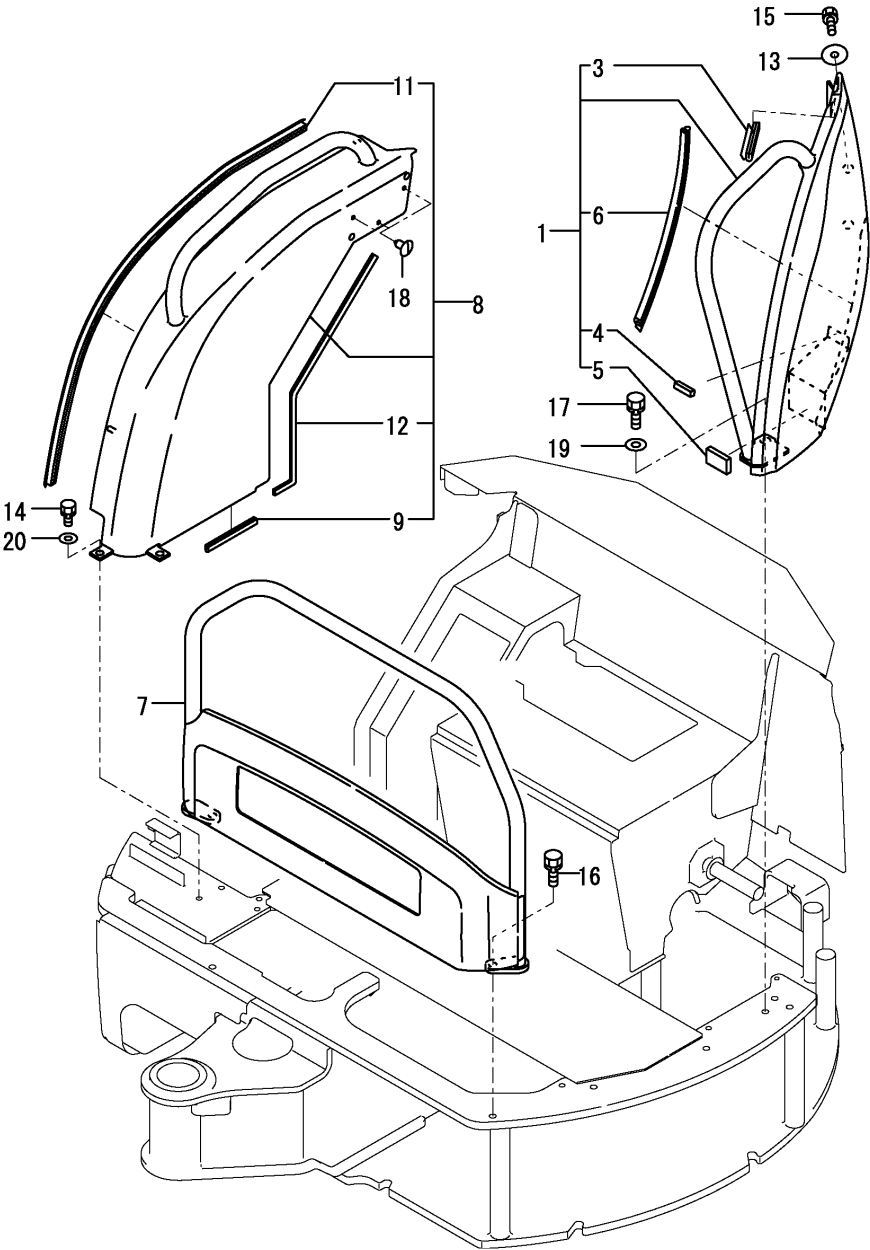


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61150	COVER ASSY, MULTI		1						
1-1	1	172456-61151	COVER ASSY, MULTI	1	1		1			S	
(B=M/#21920)											
1-2	1	172456-61152	COVER ASSY, MULTI	1	1		1			N	
(A=MXXXXX) (B=MXXXXX) (D=MXXXXX)											
1-3	1	172456-61153-2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



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

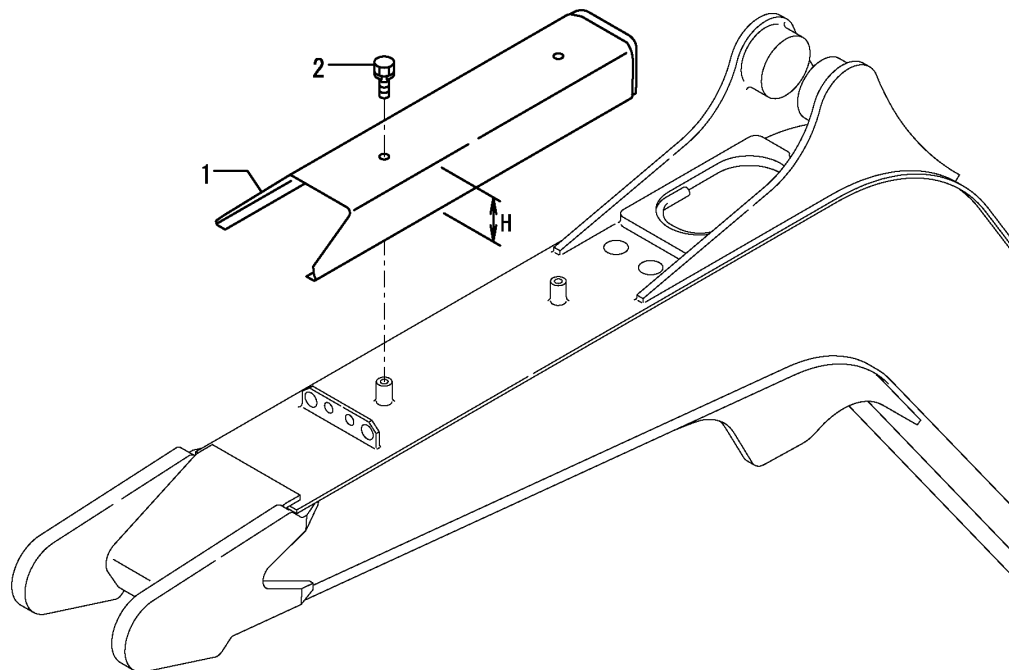
Fig.43. COVER(CANOPY & ROPS CANOPY SPEC.)



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

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

Remarks
(1)NOT APPLIED FOR ROPS CANOPY SPEC.

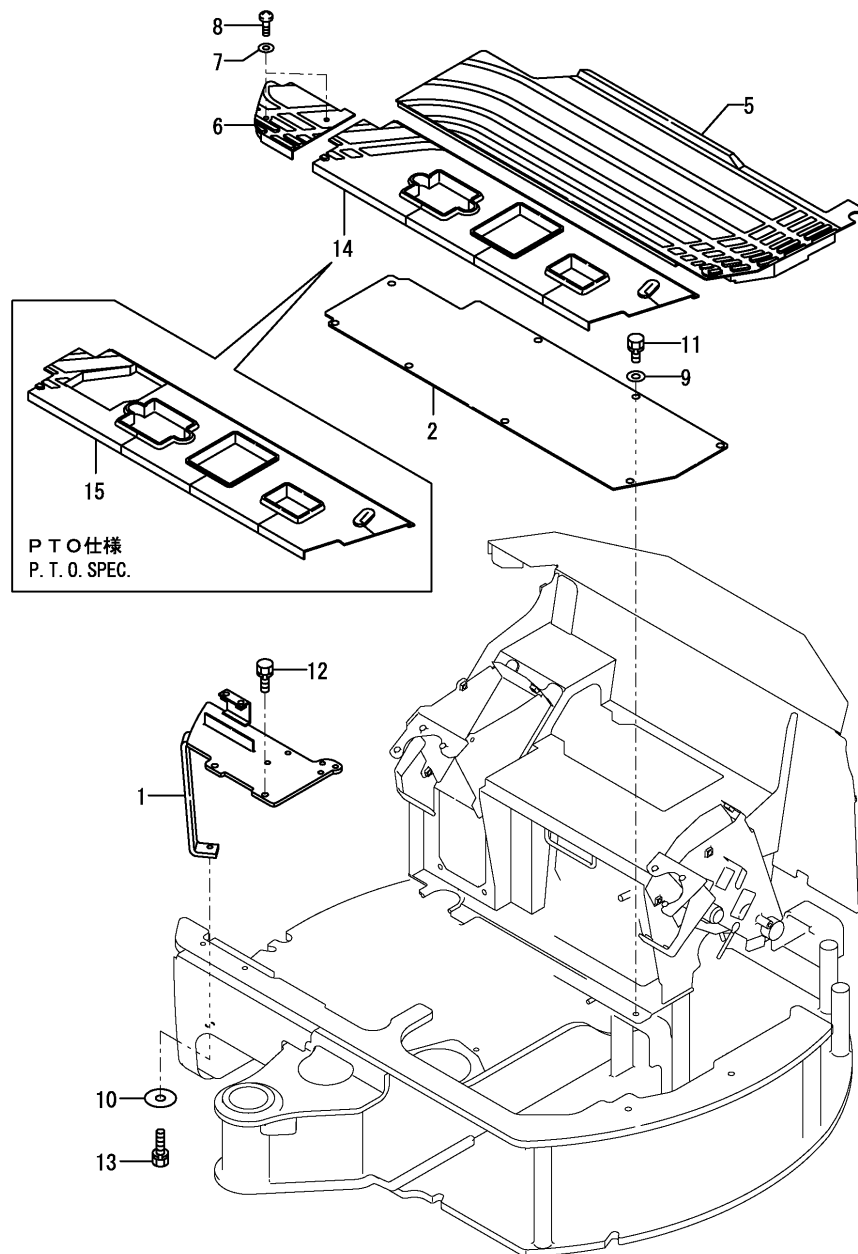


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-61962	COVER, BOOM		1						
1-1	1	172456-61963	COVER, BOOM	1	1		1			S	1
		(B=M/#22501)									
2	1	26013-080162	BOLT, M8X 16	2	2		2				

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

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

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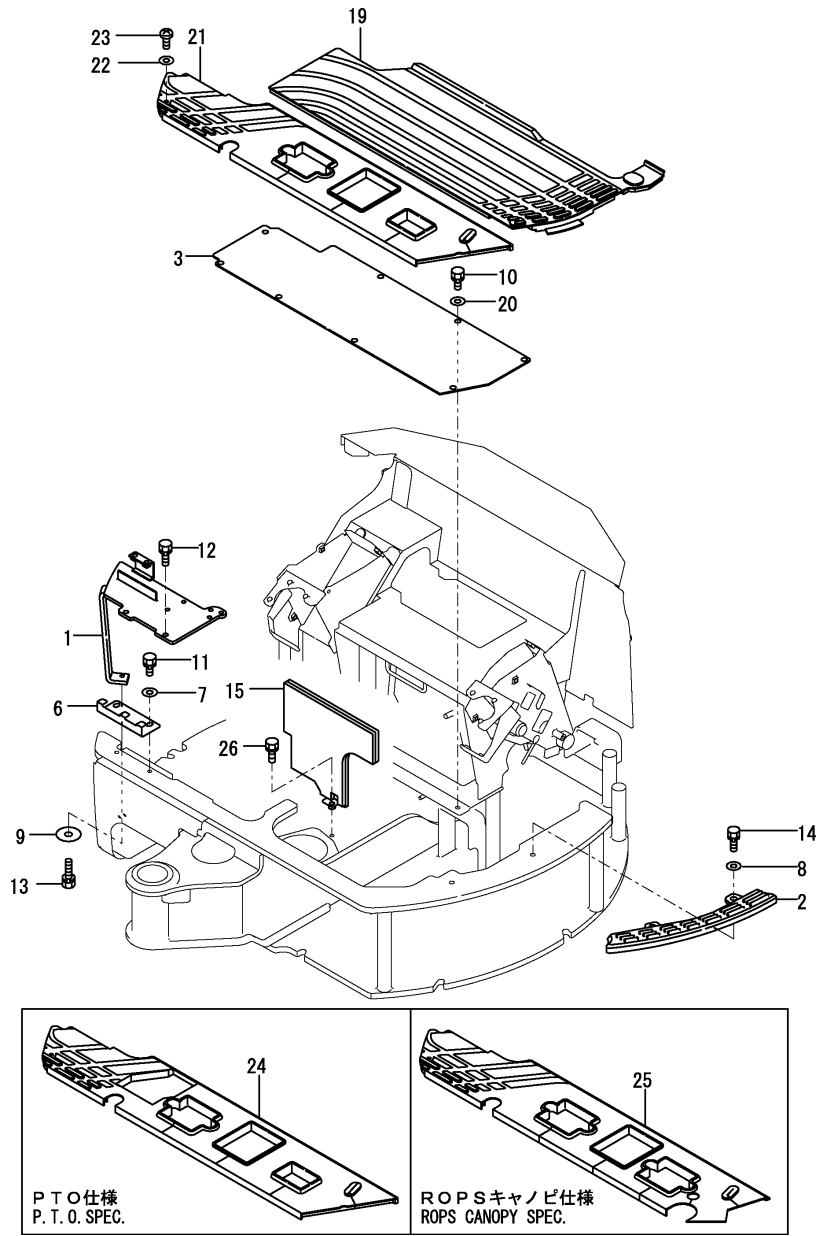
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-62100	STEP	1							
2	1	172456-62170	STEP ASSY	1							
5	1	172456-62300	MAT, FLOOR	1							
6	1	172456-62320	FLOORMAT C, CAB	1							
7	1	172458-62430	WASHER M8	2							
8	1	172137-69850	SCREW	2							
9	1	22137-100000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

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

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

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



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

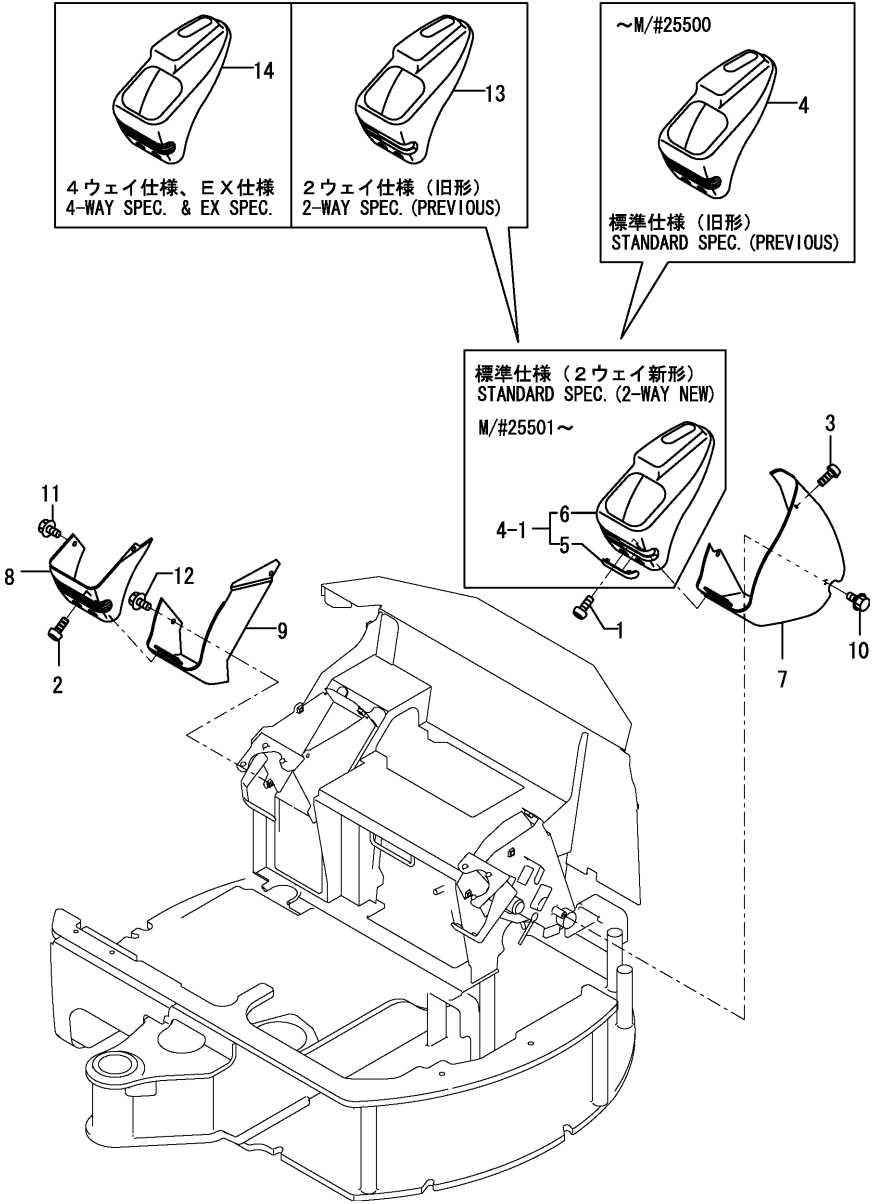
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

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

Fig.47. INSTRUMENT PANEL

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



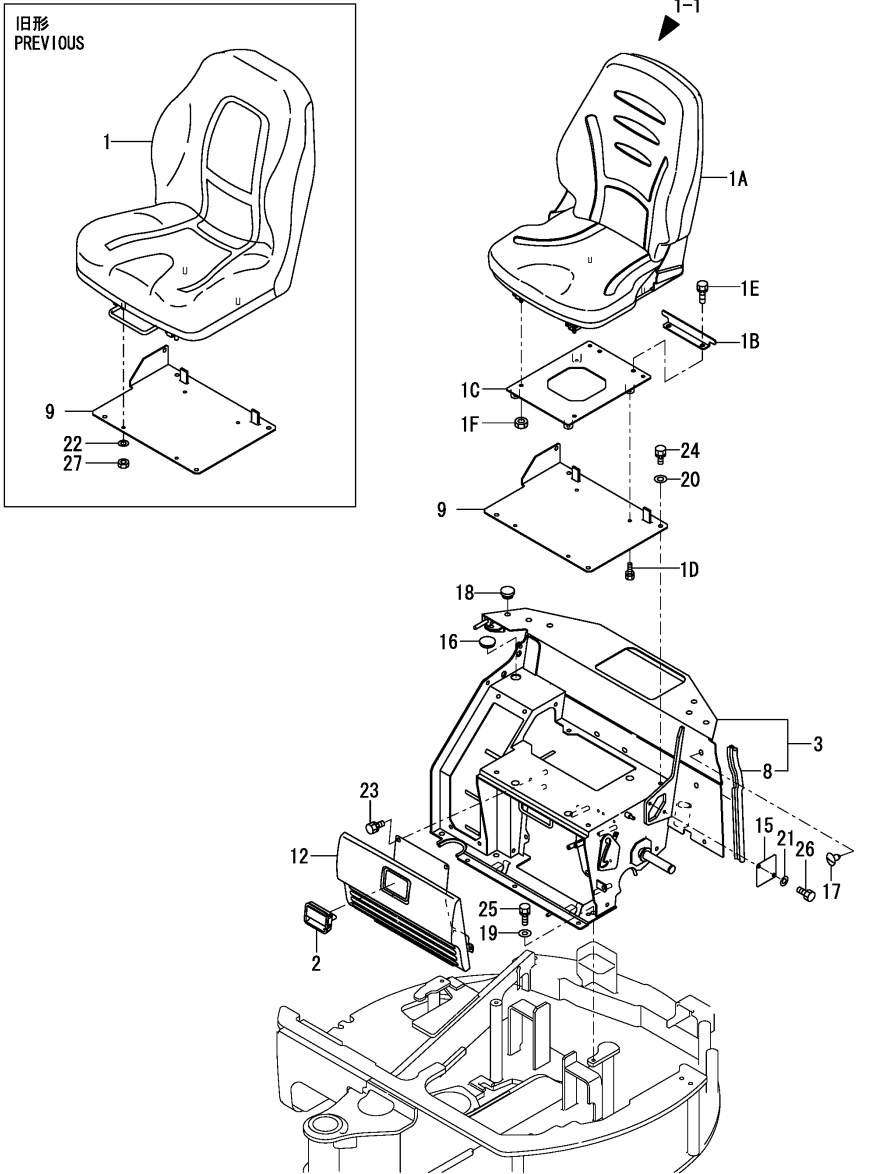
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-46720	BOLT 8X20	3	3		3				
2	1	172458-46720	BOLT 8X20	2	2		2				
3	1	172458-46720	BOLT 8X20	1	1		1				
4	1	172458-63100	INSTRUMENT PANEL L		1						
4-1	1	172490-61920	INSTRUMENT PANEL ASY (B=M/#25501)	1	1					S	1
5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

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

Fig.48. SEAT & SEAT MOUNT(CABIN SPEC.)

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

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

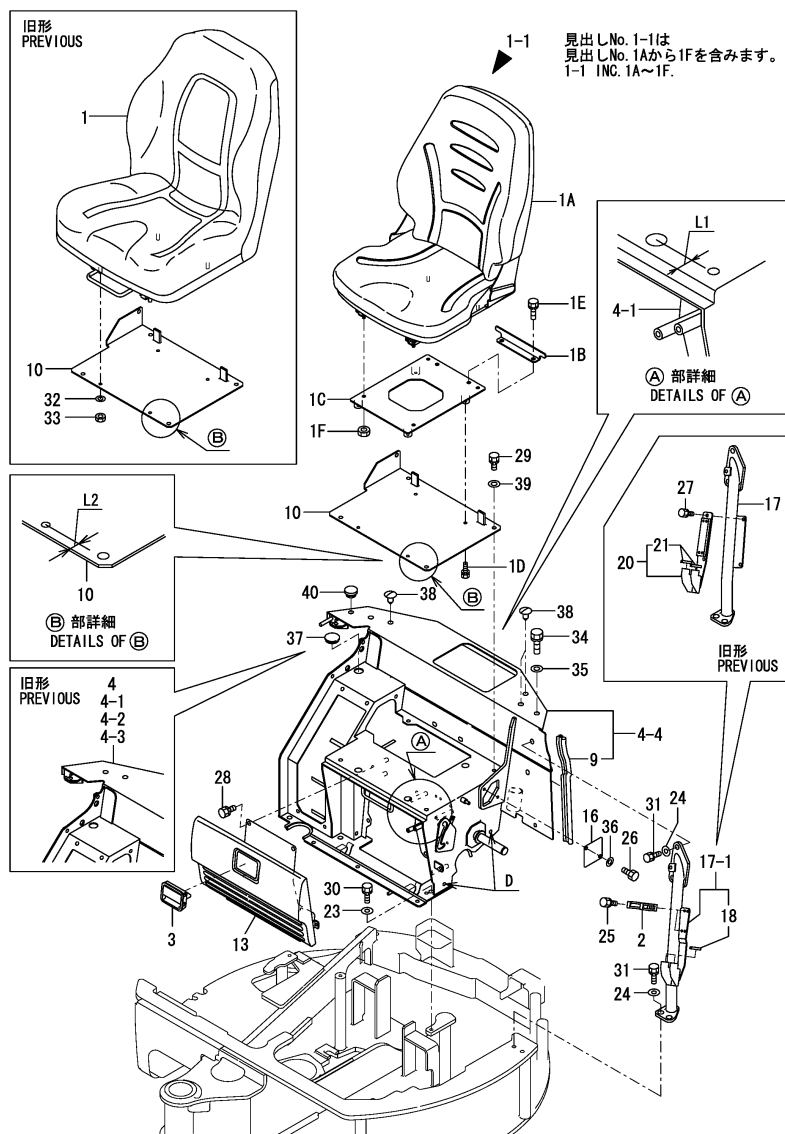


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172455-64200	SHEET	1							
1-1	1	172456-08600	SEAT KIT	1							N
(A=*2007.01)											
1A	2	172A46-64200	SEAT, OPERATOR	1							W
(A=*2007.01)											
1B	2	172A46-64520	STOPPER ASSY	1							W
(A=*2007.01)											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

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

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

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



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

Remarks

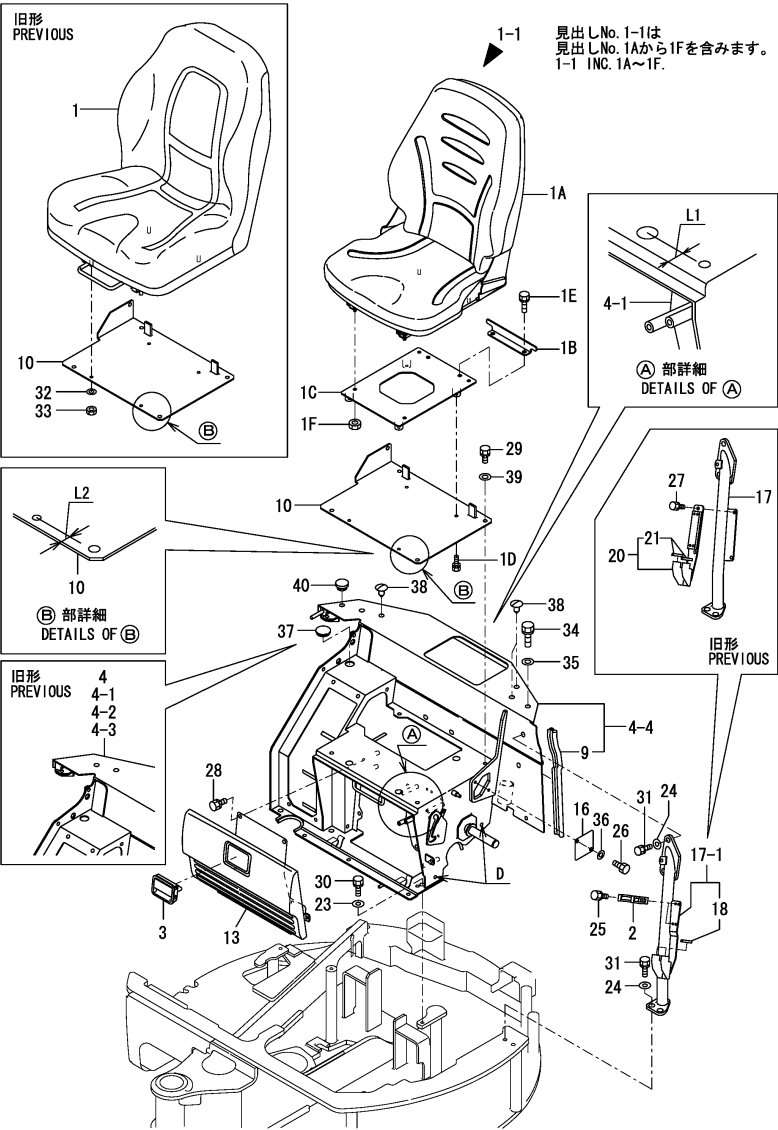
(1)L1=REF.NO.4-1:24MM,NO.4-2:18.5MM.
(2)L2=REF.NO.10:15MM,NO.10-1:9.5MM.
(3)D=REF.NO.4-1,NO.4-2:M10 SCREW,
REF.NO.4-3,NO.4-4:WITHOUT HOLE.
(M)MISPRINT.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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Fig.49. SEAT & SEAT MOUNT(CANOPY SPEC.)

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

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



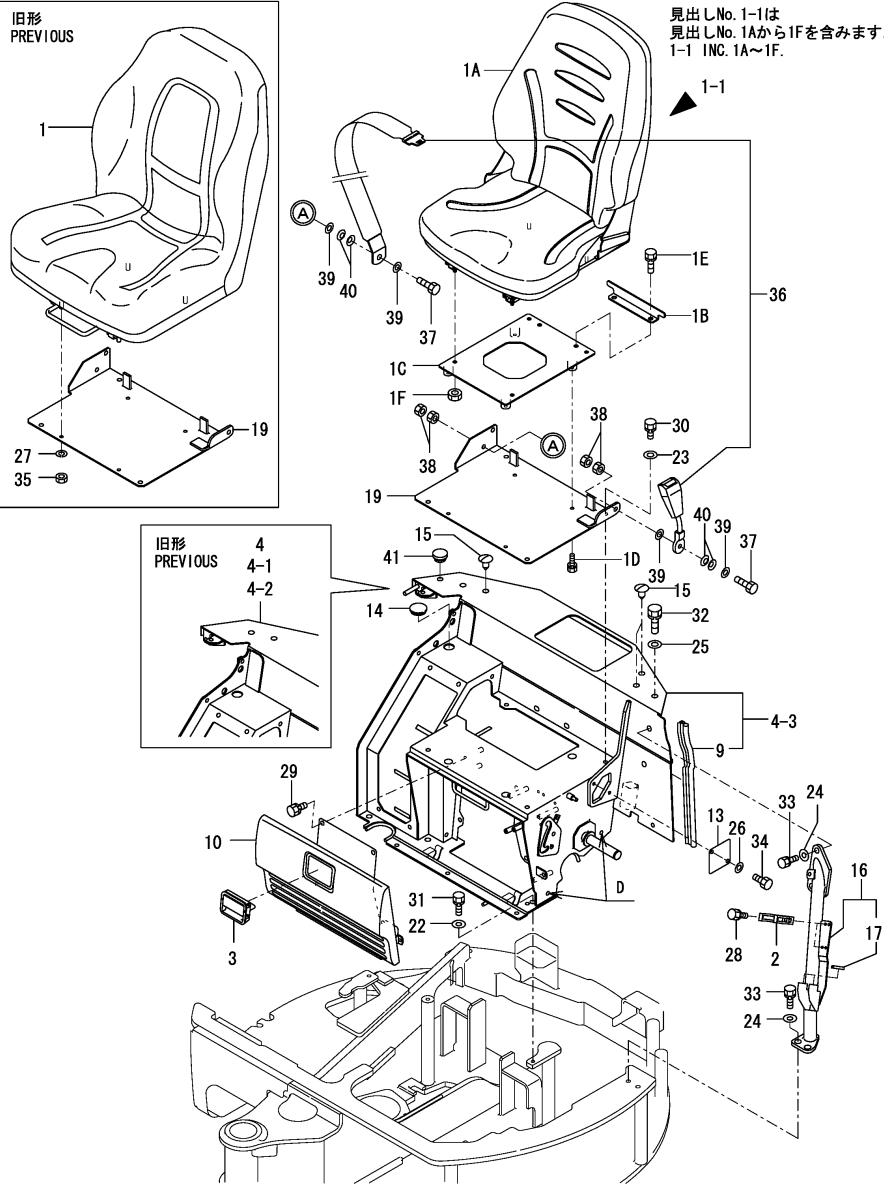
Remarks
(1)L1=REF.NO.4-1:24MM,NO.4-2:18.5MM.
(2)L2=REF.NO.10:15MM,NO.10-1:9.5MM.
(3)D=REF.NO.4-1,NO.4-2:M10 SCREW,
REF.NO.4-3,NO.4-4:WITHOUT HOLE.
(M)MISPRINT.

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

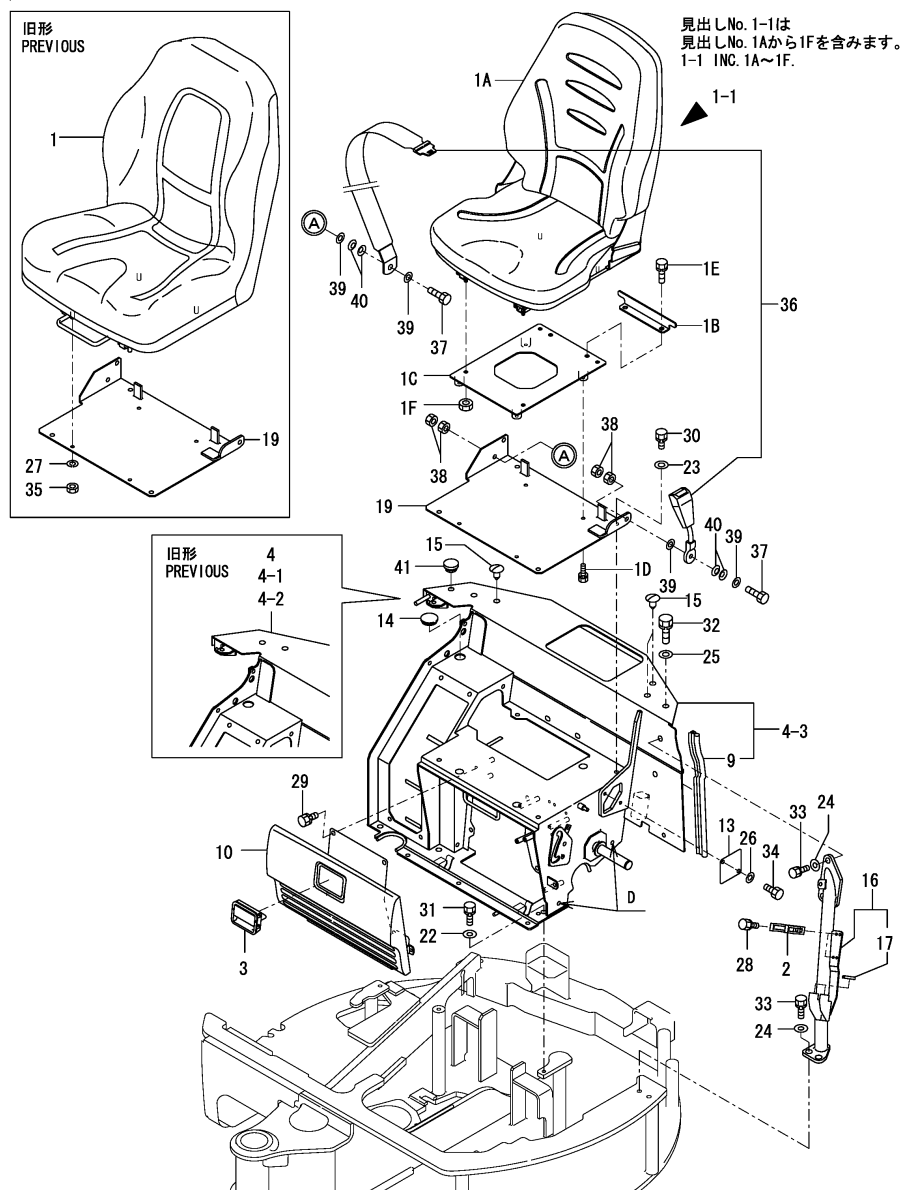
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
++ CONTINUE ++
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Remarks
(1)D=REF.NO.4-1:M10 SCREW,
REF.NO.4-2,NO.4-3:WITHOUT HOLE.
(M)MISPRINT.



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

(B=M/#22514)

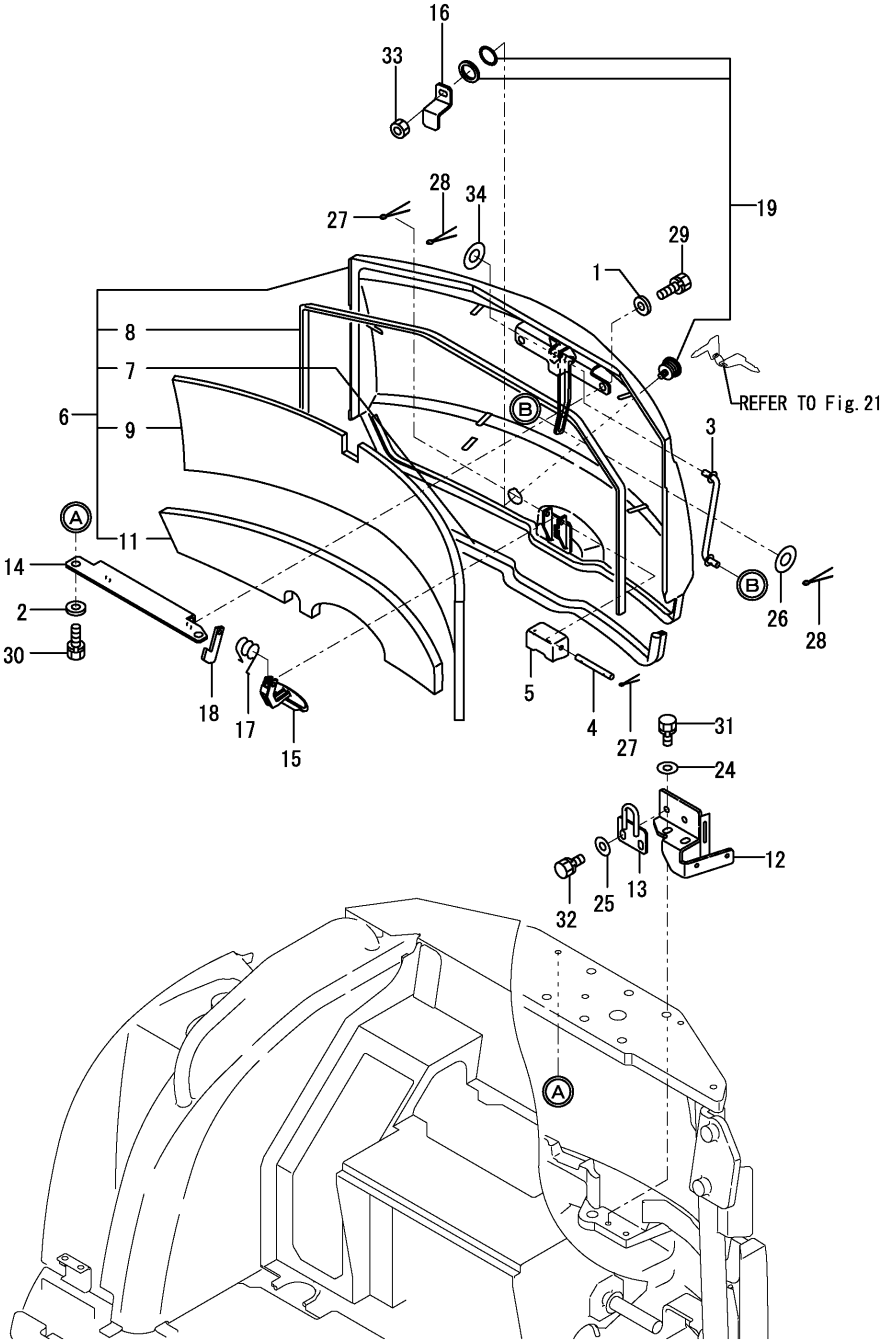
Remarks
(1)D=REF.NO.4-1:M10 SCREW,
REF.NO.4-2,NO.4-3:WITHOUT HOLE.
(M)MISPRINT.

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

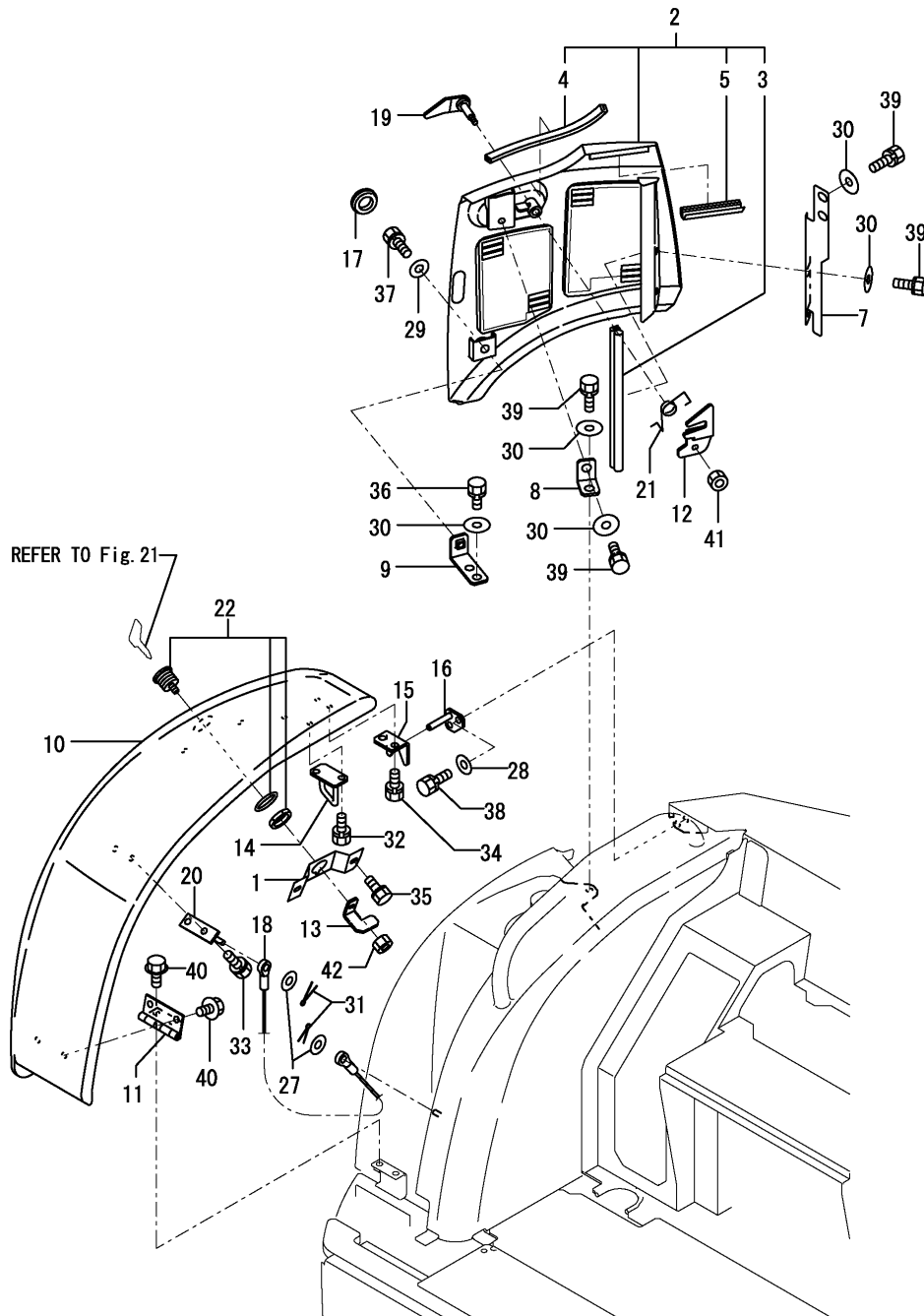
Fig.51. BONNET(1)

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

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



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



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

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
40	1	26106-100162	BOLT, M10X 16 PLATED	4	4		4				
41	1	26347-080002	NUT, M8	1	1		1				
42	1	26347-100002	NUT, M10	1	1		1				

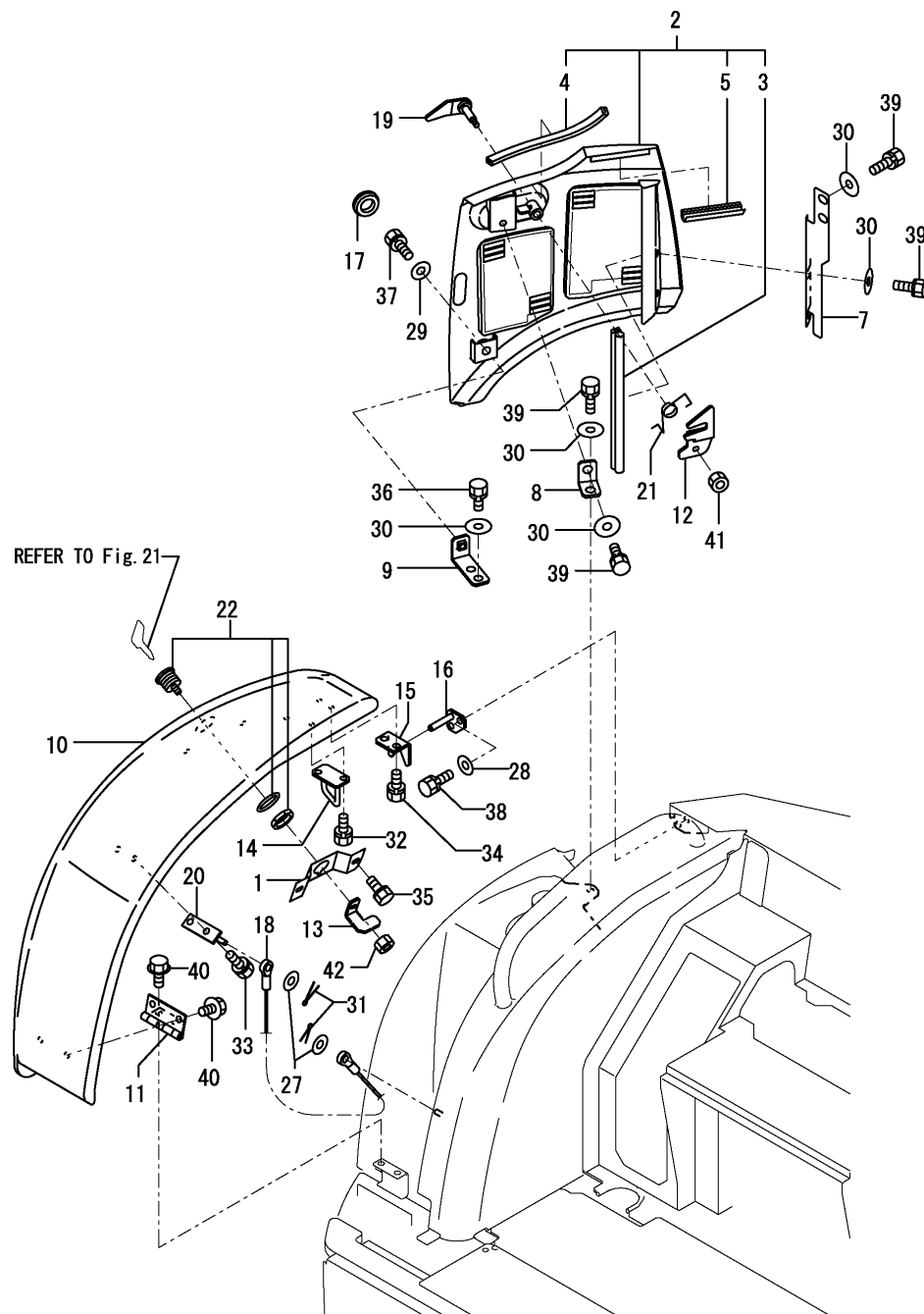


Fig.54. CABIN(ACCESSORY)

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

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

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

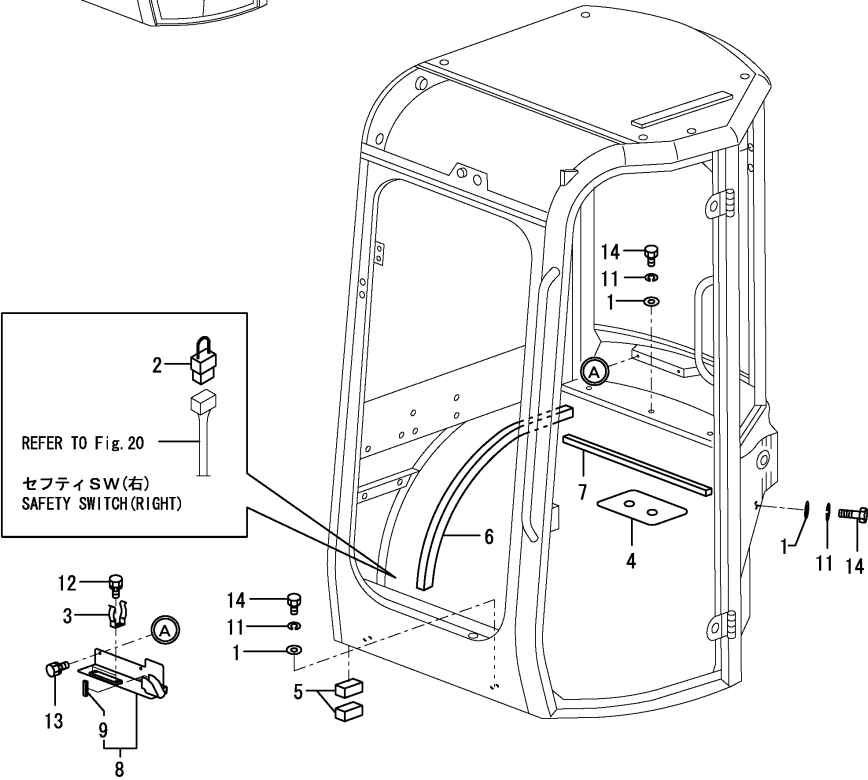
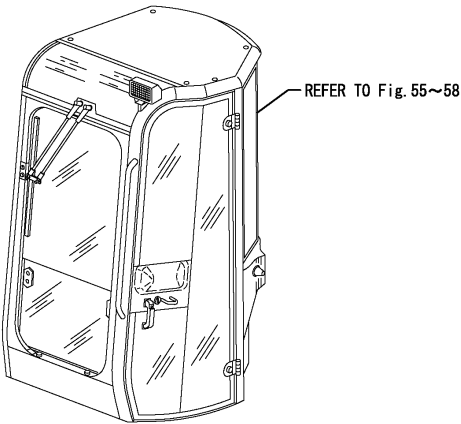
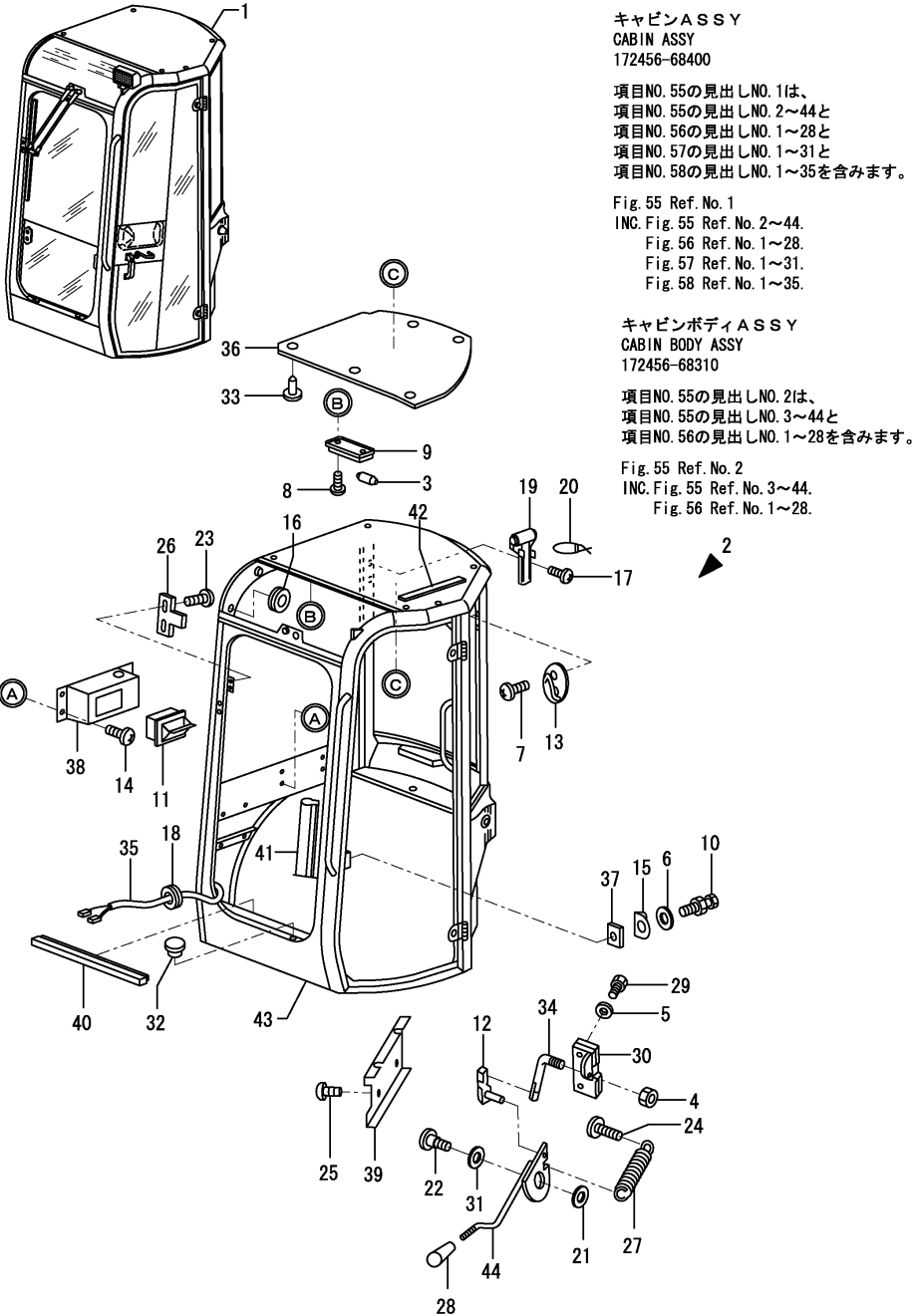


Fig.55. CABIN(BODY:1)

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

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



キャビンASSY
CABIN ASSY
172456-68400

項目NO. 55の見出しNO. 1は、
項目NO. 55の見出しNO. 2~44と
項目NO. 56の見出しNO. 1~28と
項目NO. 57の見出しNO. 1~31と
項目NO. 58の見出しNO. 1~35を含みます。

Fig. 55 Ref. No. 1
INC. Fig. 55 Ref. No. 2~44.
Fig. 56 Ref. No. 1~28.
Fig. 57 Ref. No. 1~31.
Fig. 58 Ref. No. 1~35.

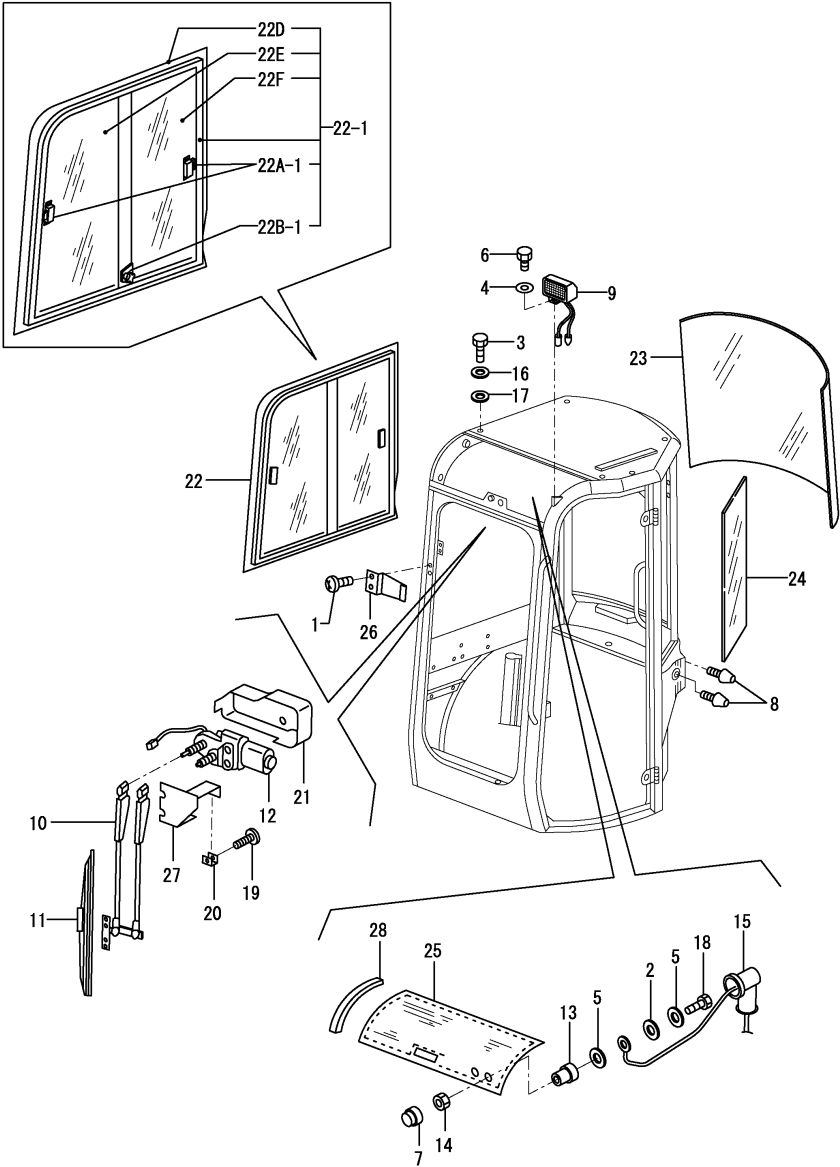
キャビンボディASSY
CABIN BODY ASSY
172456-68310

項目NO. 55の見出しNO. 2は、
項目NO. 55の見出しNO. 3~44と
項目NO. 56の見出しNO. 1~28を含みます。

Fig. 55 Ref. No. 2
INC. Fig. 55 Ref. No. 3~44.
Fig. 56 Ref. No. 1~28.

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

Fig.56. CABIN(BODY:2)



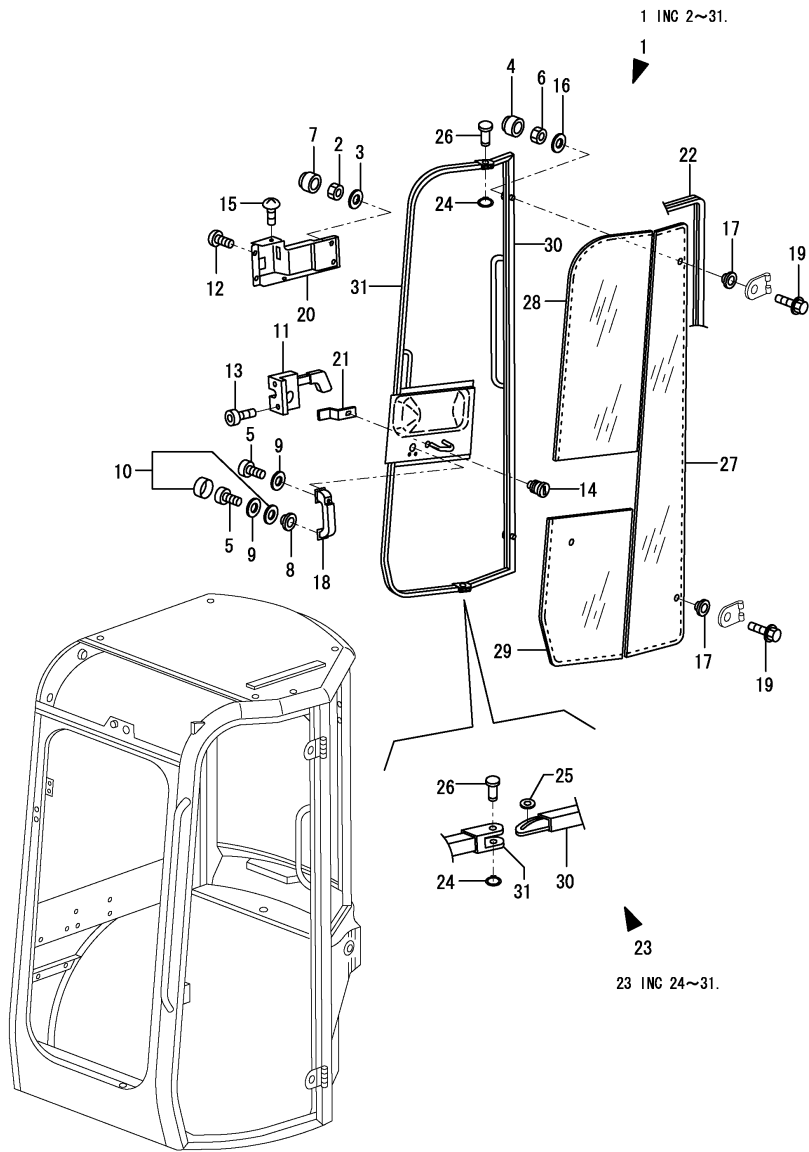
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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

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

Remarks
*Cabin assy is shown in Fig.55.
*Cabin body assy is shown in Fig.55.

OCK10-M37602 CABIN
Fig.57. CABIN(SIDE DOOR)

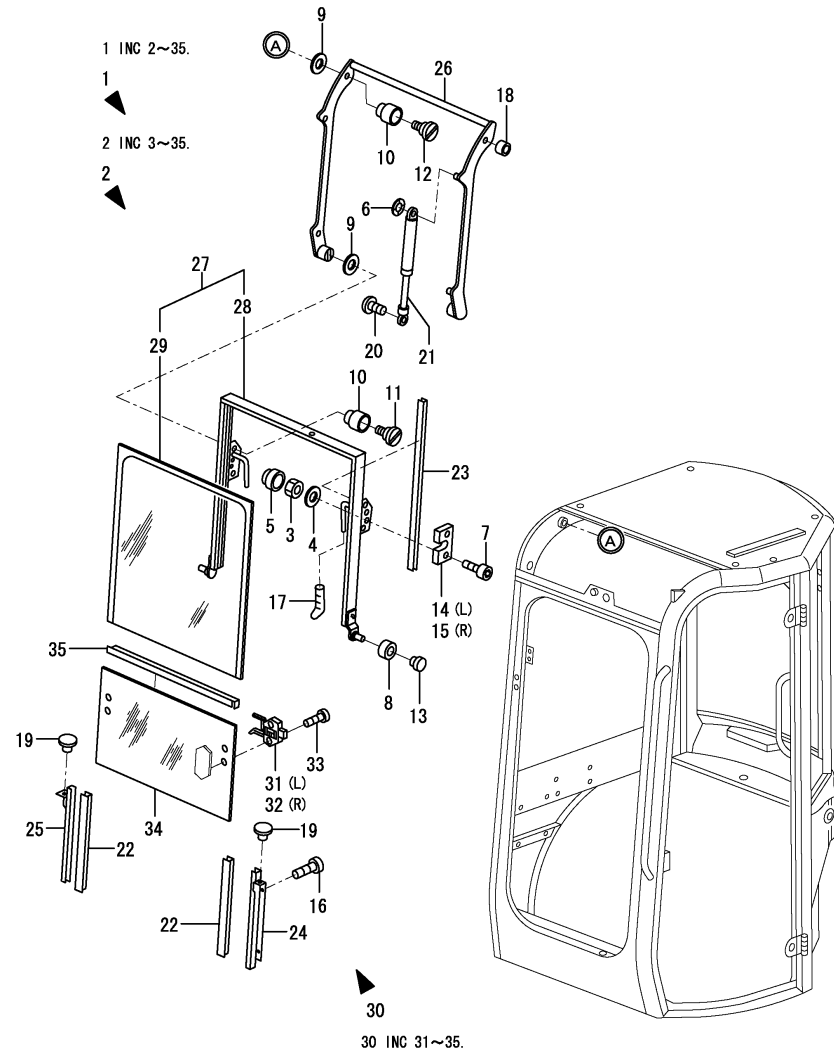


OCK10-M37602 Fig.57
(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

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

Remarks
*Cabin assy is shown in Fig.55.

Fig.58. CABIN(FRONT GLASS)



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

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

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

Remarks

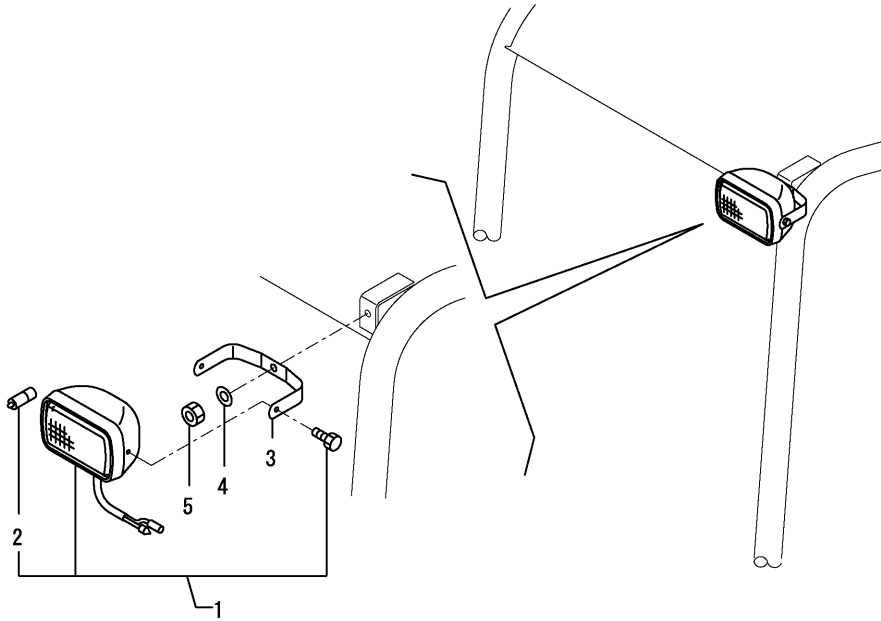
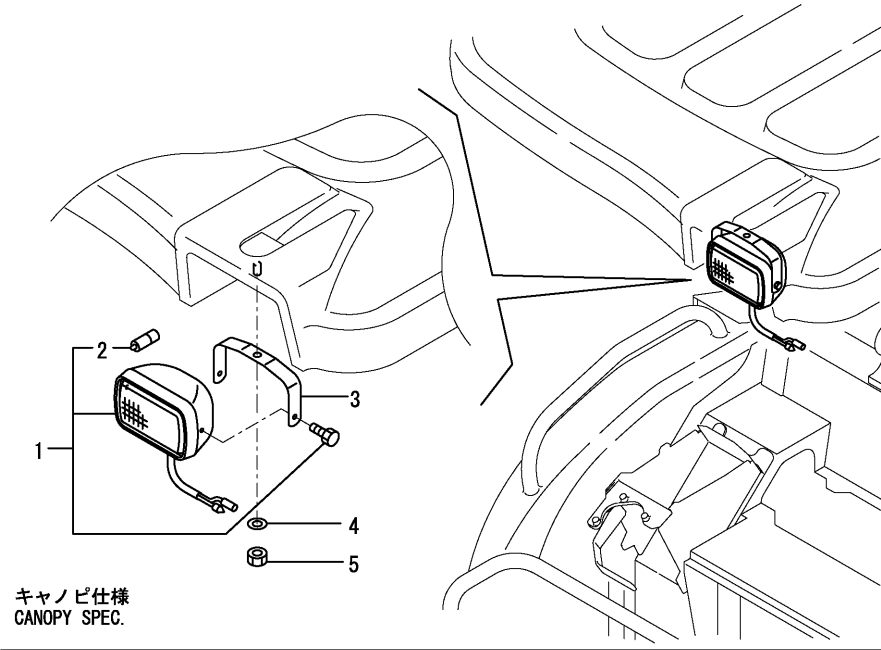
*Cabin assy is shown in Fig.55.

Fig.23. CANOPY LAMP

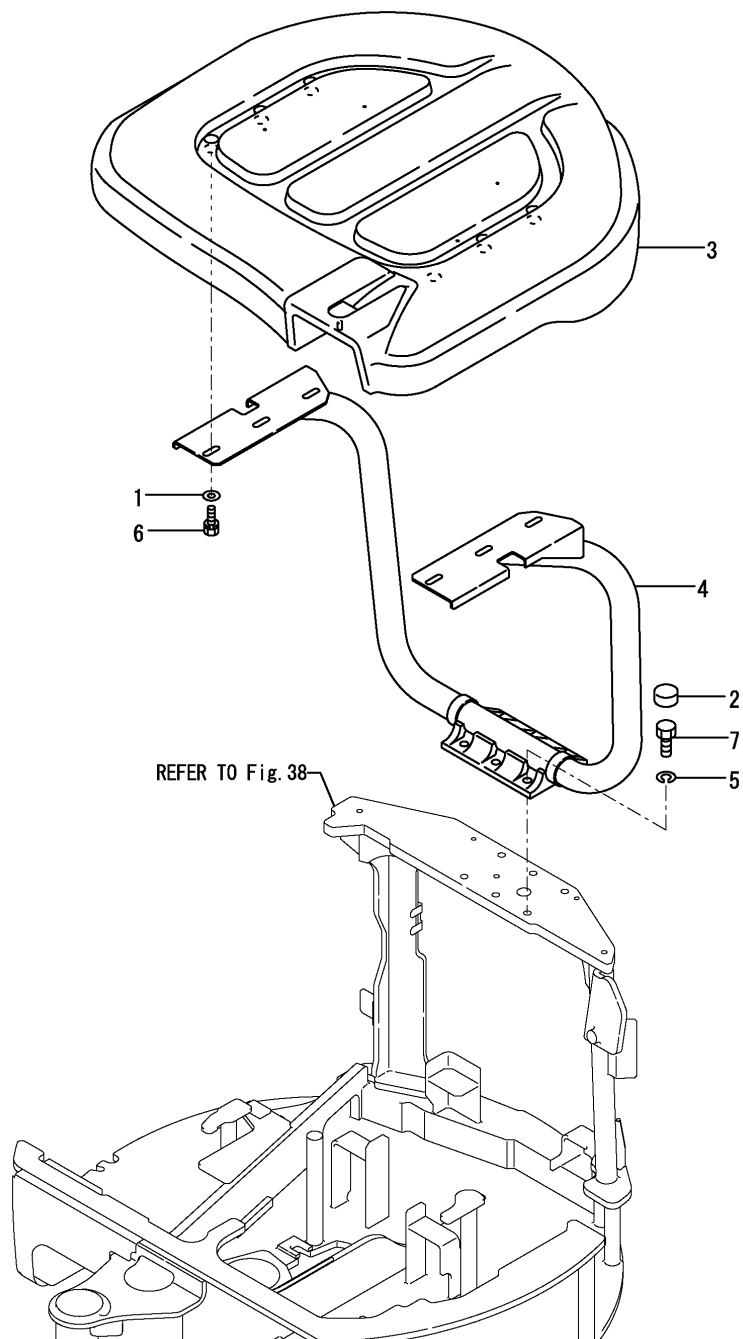
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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

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

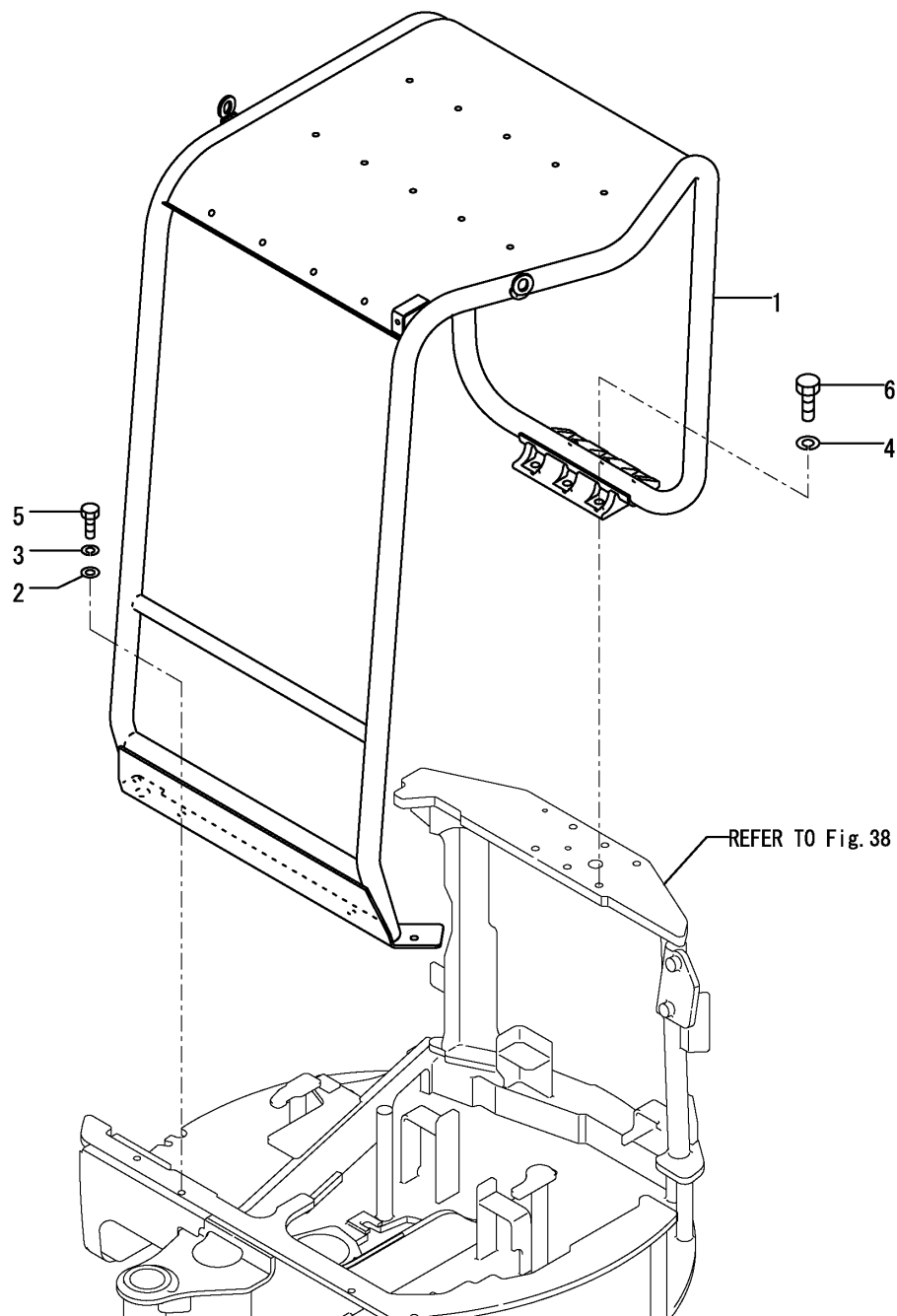


ROPSキャノピ仕様
ROPS CANOPY SPEC.



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

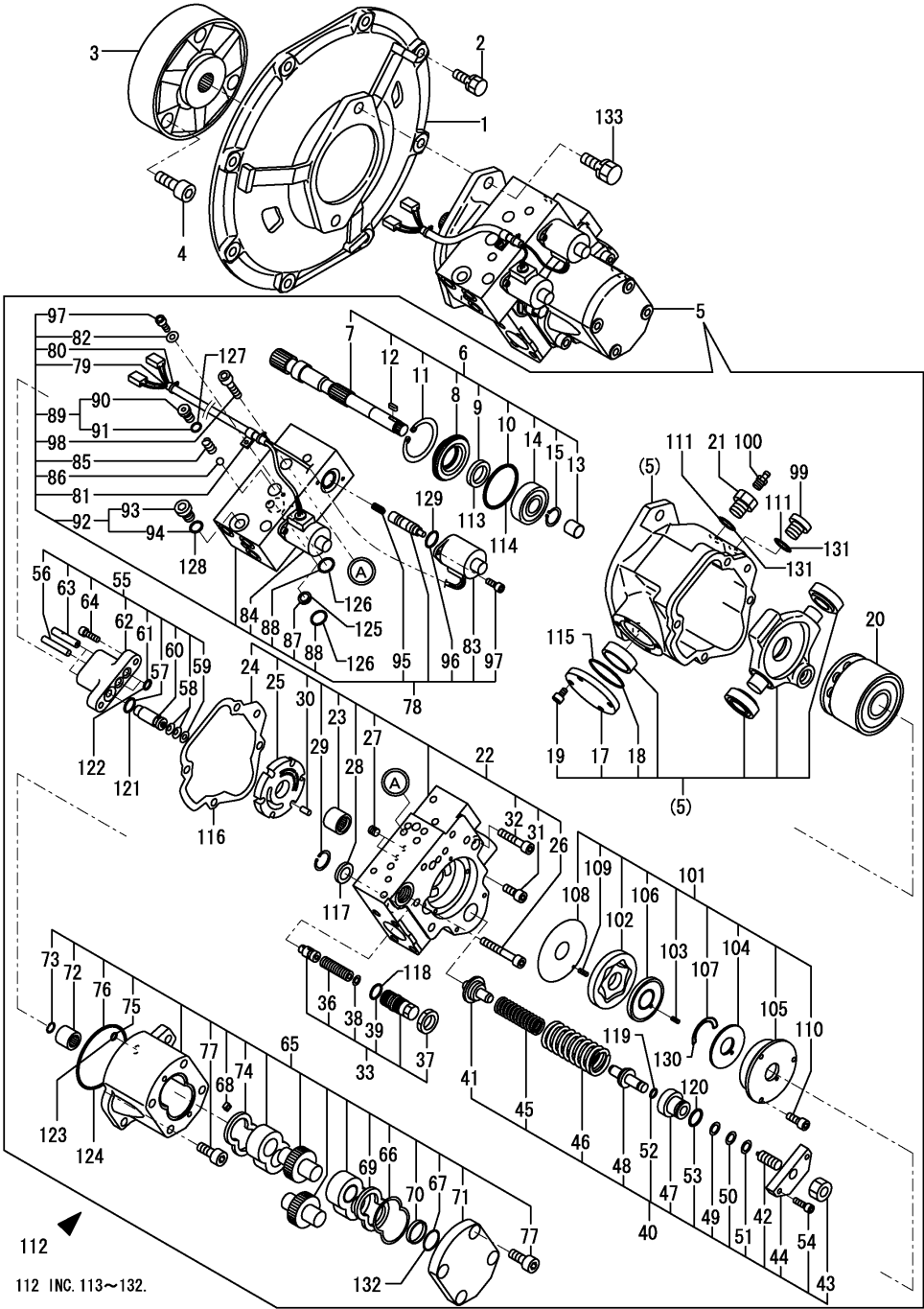
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

Fig.61. HYD.OIL PUMP & JOINT

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

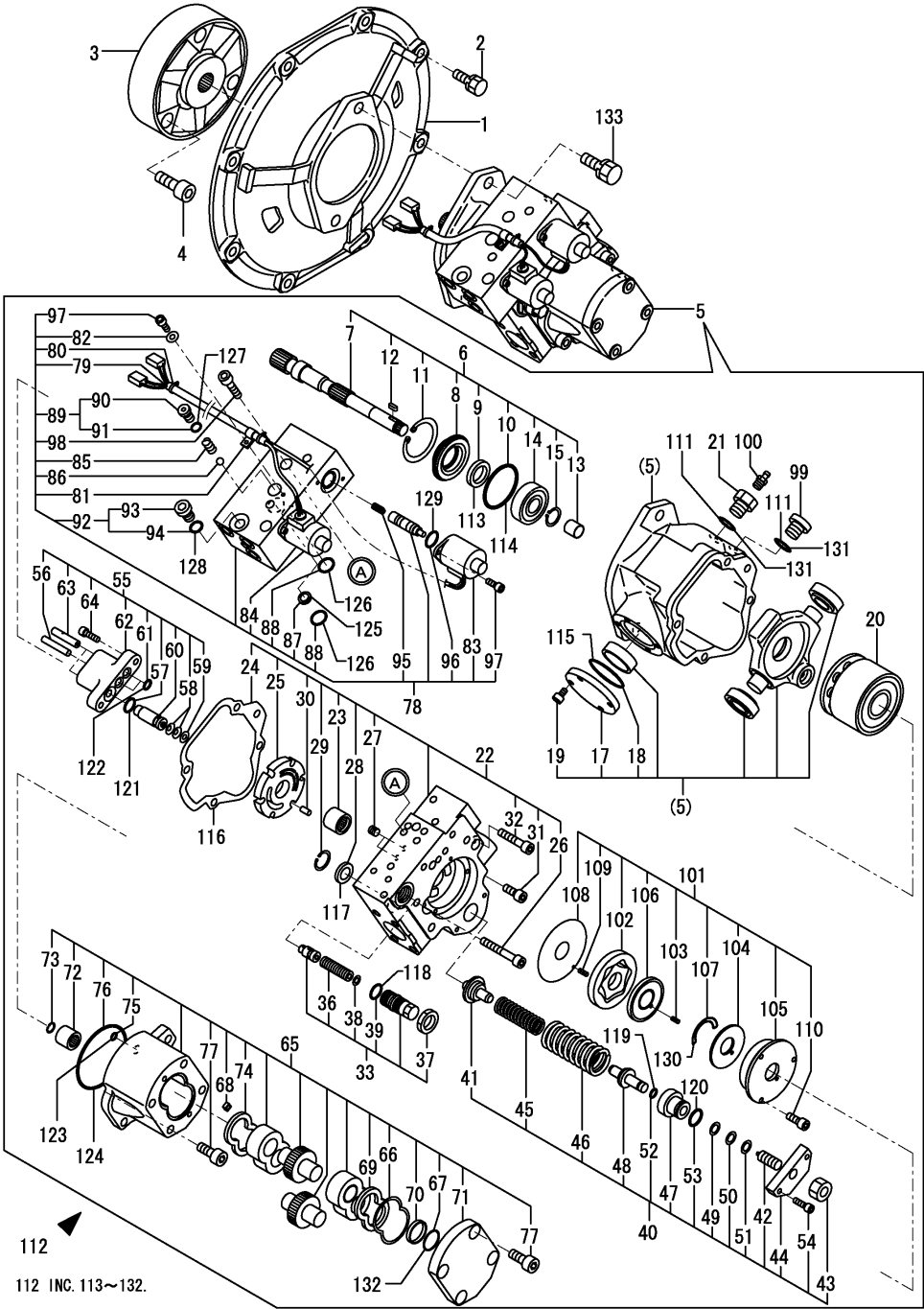


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1						
2	1	26013-100302	BOLT, M10X 30	8	8						
3	1	172165-71200	COUPLING	1	1						
4	1	26450-120402	BOLT, M12X 40	3	3						
5	1	172456-73100	PUMP ASSY	1	1						
6	2	172456-73110	SHAFT ASSY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

Fig.61. HYD.OIL PUMP & JOINT

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

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

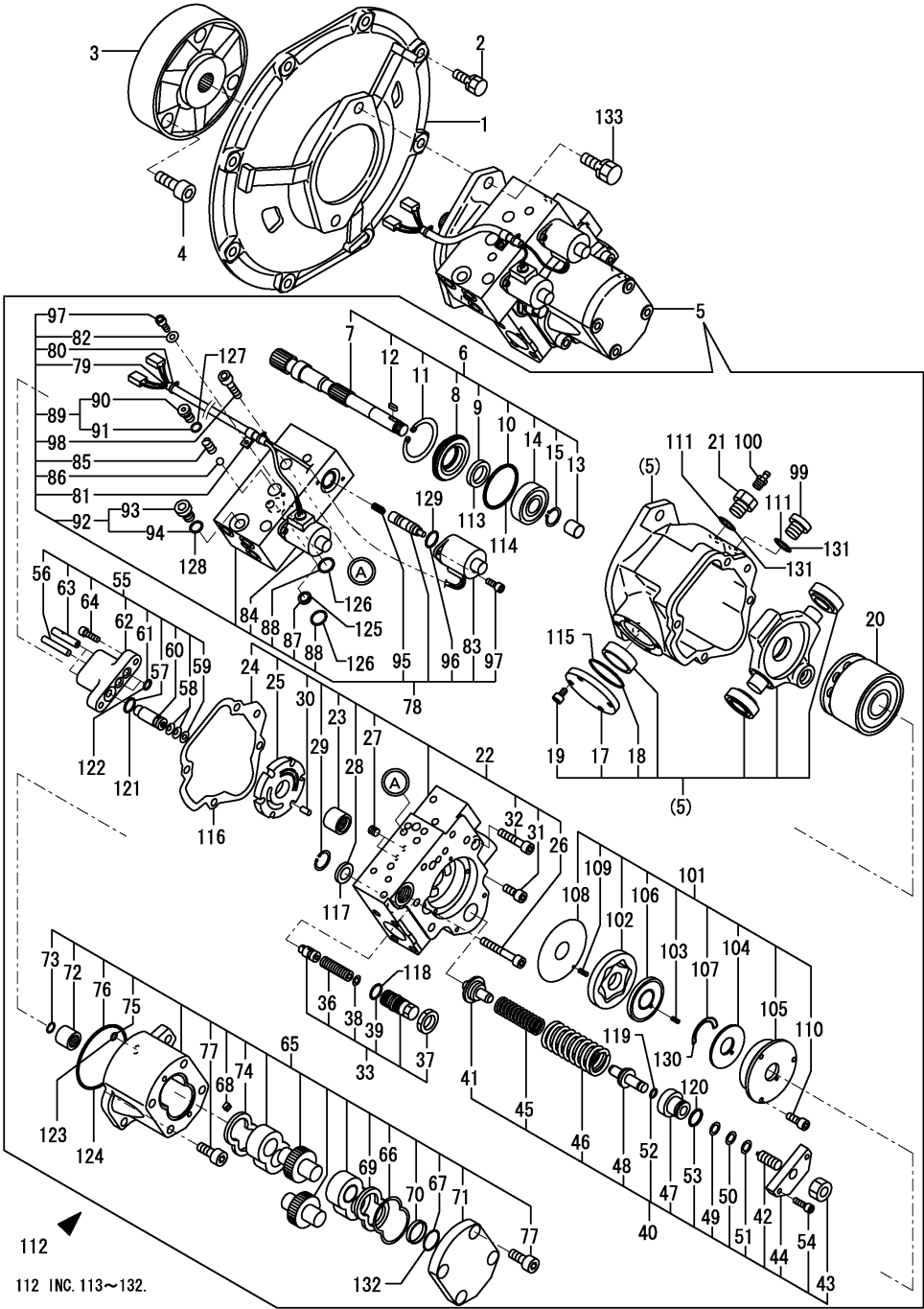


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
53	3	24311-000180	O-RING, 1AP18.0	1	1						
54	3	26450-060202	BOLT, M6X 20	1	1						
55	2	172456-73740	PISTON ASSY, CONTROL	1	1						
56	3	172168-71500	PARALLEL PIN	1	1						
57	3	172168-71510	O-RING	1	1						
58	3	172168-71520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

Fig.61. HYD.OIL PUMP & JOINT

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

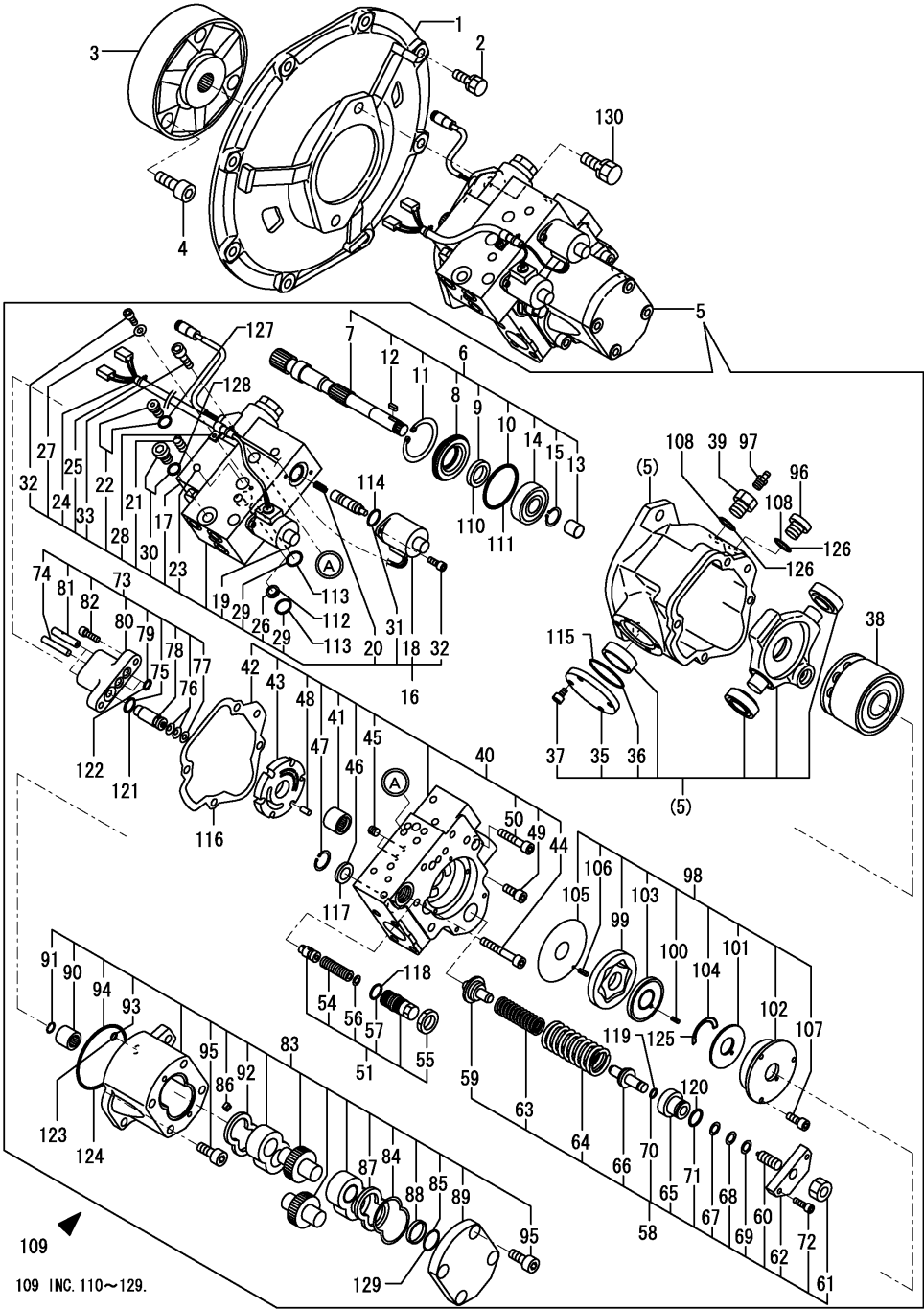
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

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

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

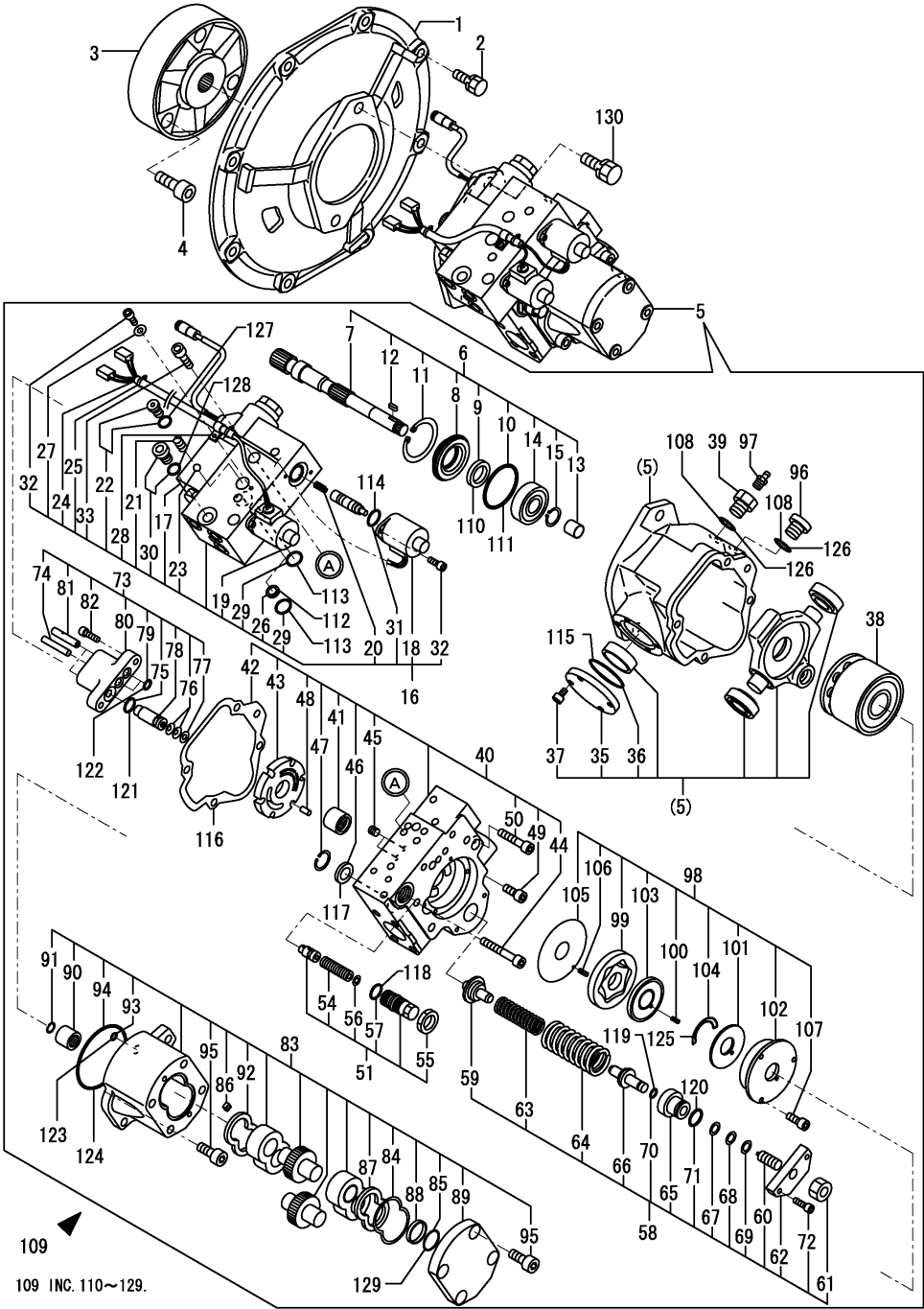


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101	COVER, FLYWHEEL	1	1		1				
2	1	26013-100302	BOLT, M10X 30	8	8		8				
3	1	172165-71200	COUPLING	1	1		1				
4	1	26450-120402	BOLT, M12X 40	3	3		3				
5	1	172956-73100	PUMP Q ASSY	1	1		1				
6	2	172456-73110	SHAFT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

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

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

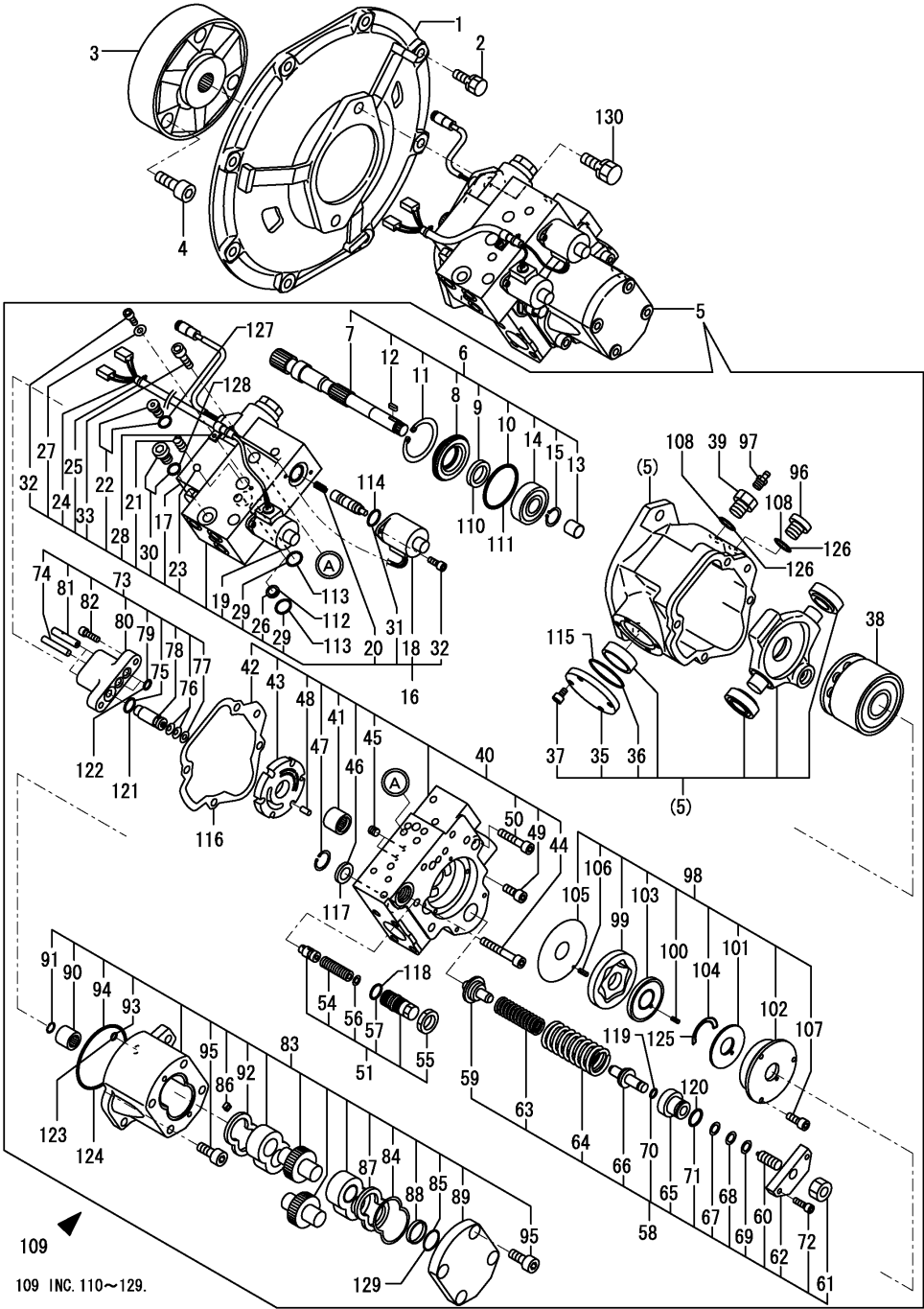
(D)=VIO20-2 P(EX)
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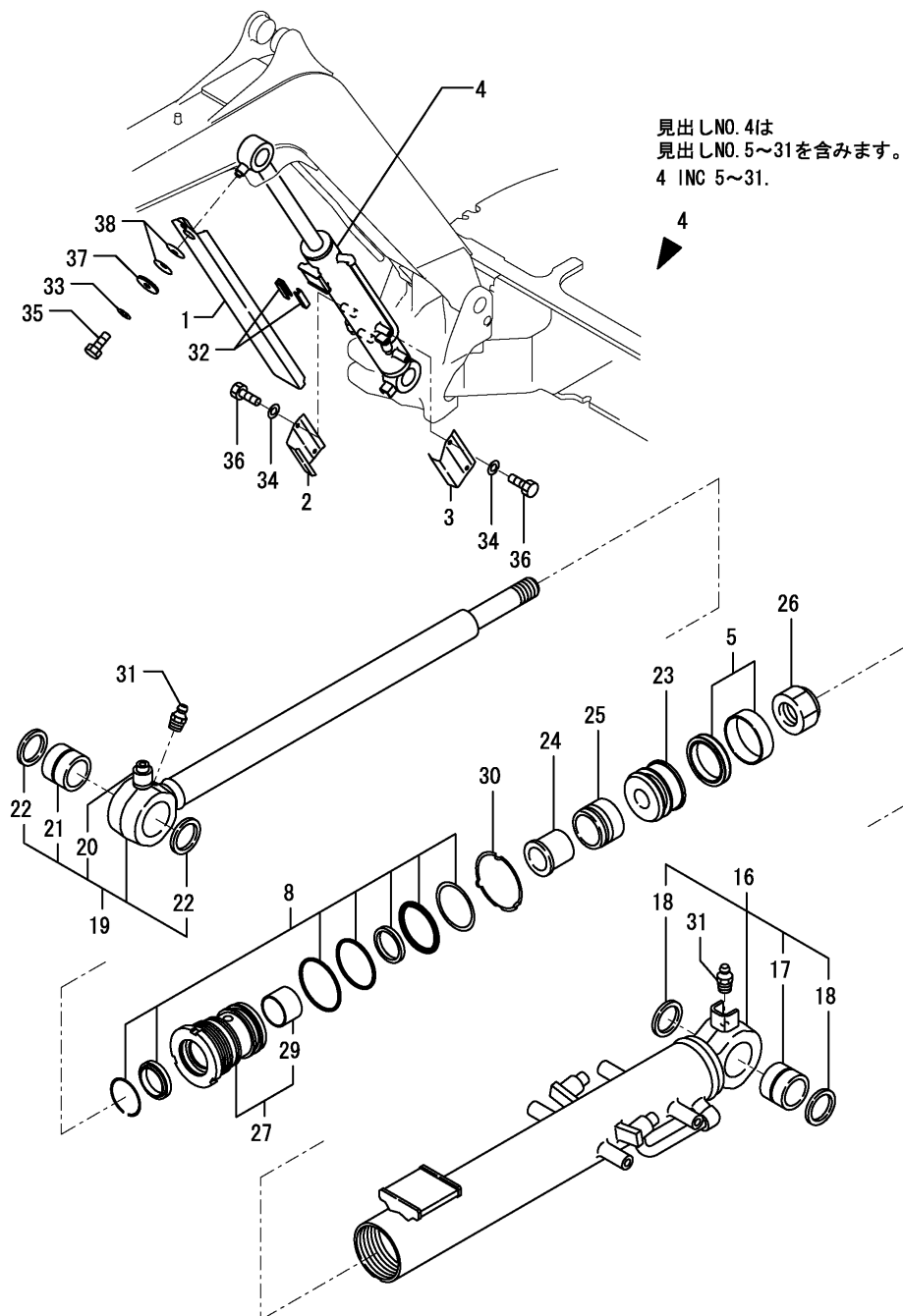
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
45	3	172456-73600	ORIFICE	2	2		2				
46	3	172456-73610	FILTER	1	1		1				
47	3	172164-73670	CIRCLIP	1	1		1				
48	3	22312-060120	PIN, PARALLEL M6X12	2	2		2				
49	3	26450-080202	BOLT, M8X 20	2	2		2				
50	3	26450-080402	BOLT, M8X 40	1	1		1				
51	2	172164-73470	VALVE ASSY, RELIEF	1	1		1				
54	3	172164-73380	SPRING	1	1		1				
55	3	172164-73390	NUT	1	1		1				
56	3	172164-73990	SHIM, 6.5X12X0.5		1						
56-1	3	172164-73510	SEAT, SPRING	1	1		1				R
(B=M/#21745)											
57	3	172141-74430	O-RING	1	1		1				
58	2	172456-73650	SPRING ASSY, CONTROL	1	1		1				
59	3	172179-73400	SEAT, SPRING	1	1		1				
60	3	172179-73430	SCREW, ADJUST	1	1		1				
61	3	172179-73460	NUT	1	1		1				
62	3	172456-73660	COVER	1	1		1				
63	3	172456-73670	SPRING	1	1		1				
64	3	172456-73680	SPRING	1	1		1				
65	3	172456-73690	SEAT, SPRING	1	1		1				
66	3	172456-73700	PLATE, SPRING	1	1		1				
67	3	172456-73710	SHIM	1	1		1				
68	3	172456-73720	SHIM	1	1		1				
69	3	172456-73730	SHIM	1	1		1				
70	3	24311-000090	O-RING, 1AP9.0	1	1		1				
71	3	24311-000180	O-RING, 1AP18.0	1	1		1				
72	3	26450-060202	BOLT, M6X 20	1	1		1				
73	2	172456-73740	PISTON ASSY, CONTROL	1	1		1				
74	3	172168-71500	PARALLEL PIN	1	1		1				
75	3	172168-71510	O-RING	1	1		1				
76	3	172168-71520	SPRING	2	2		2				
77	3	172168-71530	RETAINER	1	1		1				
78	3	172179-73510	PISTON	1	1		1				
79	3	172179-73540	O-RING	2	2		2				
80	3	172456-73750	CYLINDER	1	1		1				
81	3	172456-73770	PISTON, HYDRAULIC	2	2		2				
82	3	26450-060202	BOLT, M6X 20	2	2		2				
83	2	172456-73790	PUMP ASSY, GEAR	1	1		1				
84	3	172141-71520	RING	1	1		1				
85	3	172141-71550	O-RING	2	2		2				
86	3	172141-71560	RING	2	2		2				
87	3	172141-73220	PLATE	1	1		1				
88	3	172141-73230	GUIDE	2	2		2				
89	3	172456-73800	COVER	1	1		1				
90	3	172456-73810	COUPLING	1	1		1				
91	3	172456-73840	CIRCLIP	1	1		1				
92	3	172456-73850	PLATE	1	1		1				
93	3	24315-000060	O-RING, 1BP6.0	1	1		1				
94	3	24321-000900	O-RING, 1AG90.0	1	1		1				
95	3	26450-100252	BOLT, M10X 25	2	2		2				

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

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

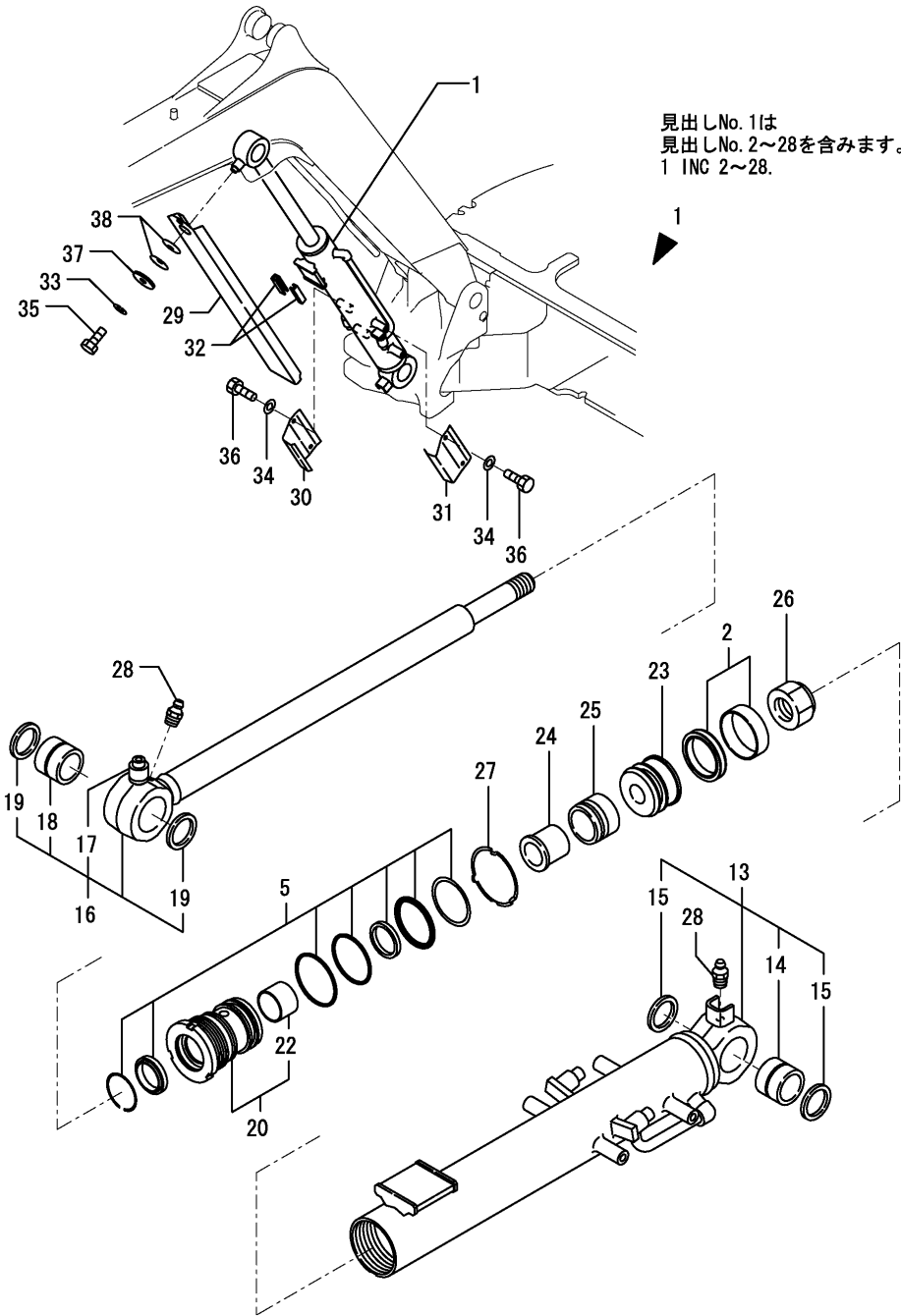


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
96	2	172142-74670	PLUG, 3/8	1	1		1				
97	2	172456-75430	PLUG	1	1		1				
98	2	172456-75440	PUMP ASSY, TROCHOID	1	1		1				
99	3	172456-75450	GEAR	1	1		1				
100	3	172456-75460	PIN, SPRING	1	1		1				
101	3	172456-75480	PLATE	1	1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



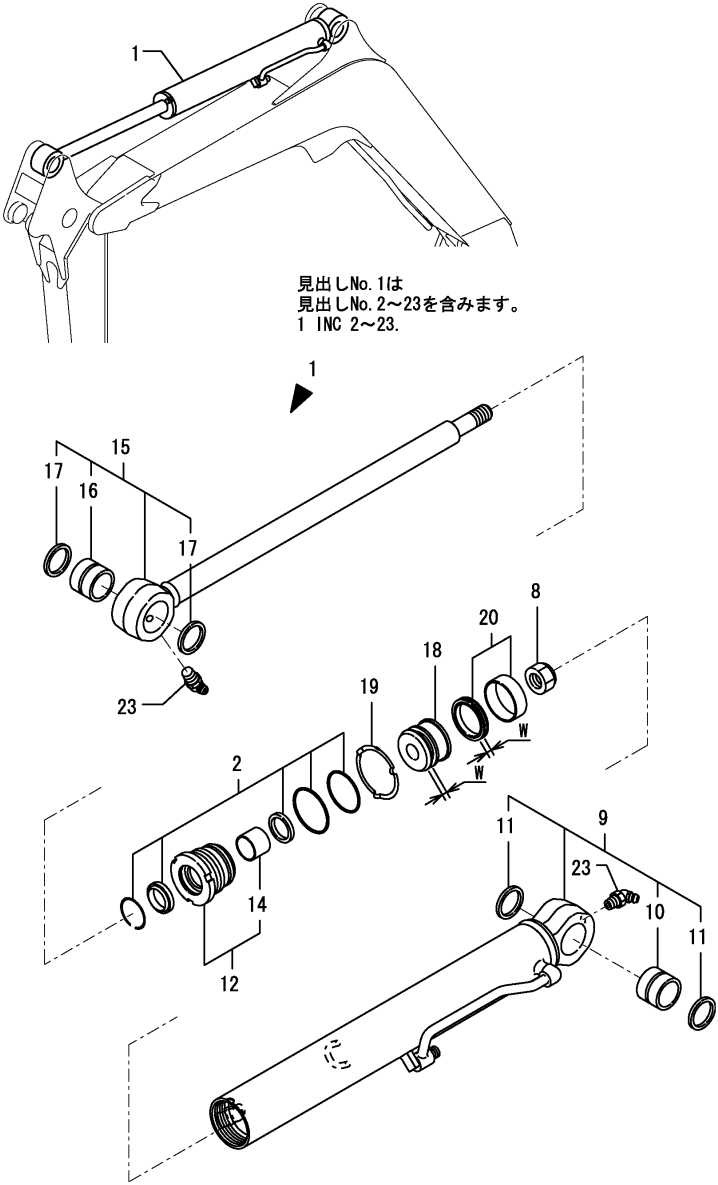
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72200	COVER, SLIDE	1	1						
2	1	172457-72230	COVER ASSY, CYLINDER	1	1						
3	1	172457-72240	COVER, CYLINDER	1	1						
4	1	172469-72400	CYLINDER ASSY, BOOM	1	1						
5	2	172143-72010	SEAL SET, PISTON 70		1						
5-1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

Fig.64. BOOM CYLINDER(CANOPY SPEC.)



OCK10-M37602 Fig.64												
				(A)=VIO20-2 C(JP)	(D)=VIO20-2 P(EX)							
				(B)=VIO20-2 P(JP)	(E)=							
				(C)=	(F)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	Q'ty	(D)	(E)	(F)	I	R
1	1	172456-72100	CYLINDER ASSY, BOOM		1		1					
2	2	172143-72010	SEAL SET, PISTON 70		1							
2-1	2	172460-72070	SEAL SET, PISTON		1		1				N	
(B=M/#21813)												
5	2	172456-72010	SEAL SET, HEAD 70 40		1		1					
13	2	172456-72110	TUBE, BOOM		1		1					
14	3	172168-72410	BUSH 40X50X40		1		1					
15	3	172165-81750	SEAL, DUST 40X50X5		2							
15-1	3	172448-72650	SEAL, DUST		2		2				R	
(B=M/#21808)												
16	2	172456-72130	LOD ASSY,BOOM 40		1		1					
17	3	172168-72390	SEAT, SCREW M10X34.3		1		1				W	
(B=M/#20501)												
18	3	172168-72410	BUSH 40X50X40		1		1					
19	3	172165-81750	SEAL, DUST 40X50X5		2							
19-1	3	172448-72650	SEAL, DUST		2		2				R	
(B=M/#21808)												
20	2	172456-72170	HEAD ASSY 70 40		1		1					
22	3	933135-14600	BUSH 40 30, ROD		1							
22-1	3	24550-040300	BUSH, 40X30		1		1				R	
(B=M/#21581)												
23	2	172456-72190	PISTON 70 27		1		1					
24	2	172457-72190	COLLAR, 27 38		1		1					
25	2	172457-72200	PLUNGER 50,CUSHON		1		1					
26	2	172141-72250	NUT		1		1					
27	2	172141-72420	WASHER 70, LOCK		1		1					
28	2	24761-020000	NIPPLE, GREASE PT1/8		2		2					
29	1	172456-72200	COVER, SLIDE		1		1					
30	1	172457-72230	COVER ASSY, CYLINDER		1		1					
31	1	172457-72240	COVER, CYLINDER		1		1					
32	1	172186-72480	GUIDE, SLIDE		2		2					
33	1	22217-100000	WASHER, SPRING 10		1		1					
34	1	22217-100000	WASHER, SPRING 10		4		4					
35	1	26116-100162	BOLT, M10X 16 PLATED		1		1					
36	1	26116-100162	BOLT, M10X 16 PLATED		4		4					
37	1	933147-03400	WASHER, BRAKE ARM		1		1					
38	1	933168-14170	SPRING		2		2					

Fig.65. ARM CYLINDER



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

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

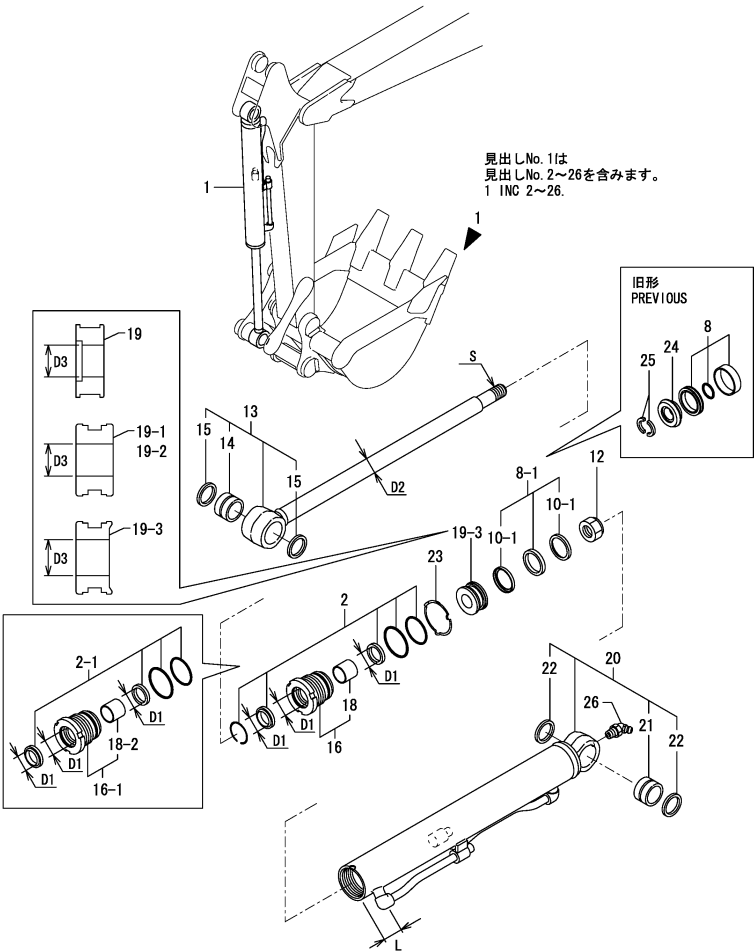
OCK10-M37602 Fig.65
(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

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

Fig.66. BUCKET CYLINDER

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

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



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

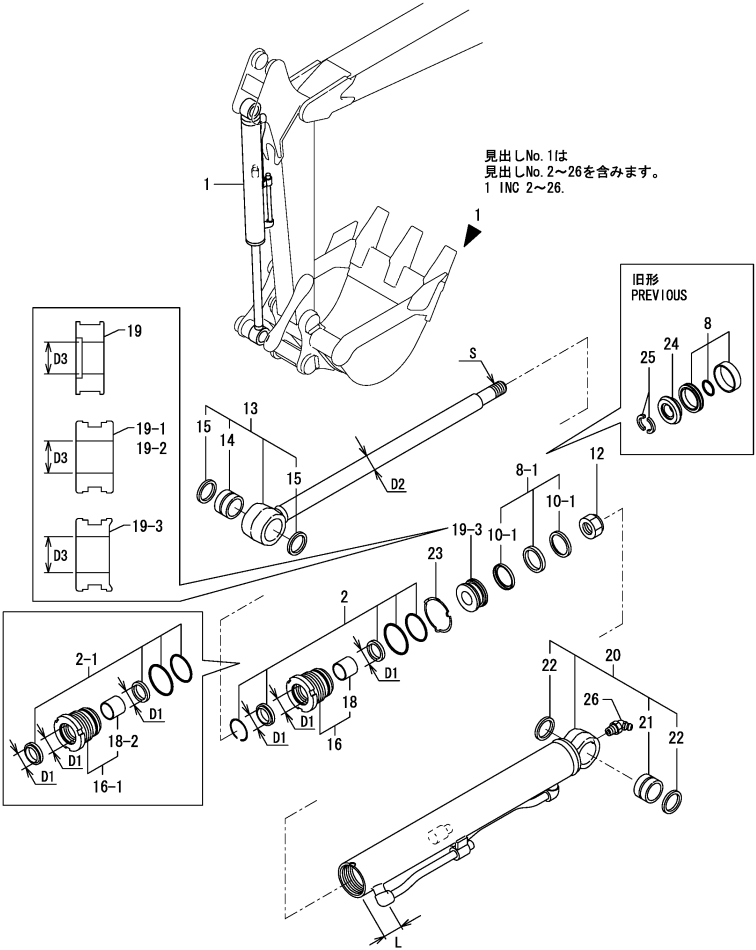
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72500	CYLINDER ASSY		1						
1-1	1	172456-72501 (B=M/#21783)	CYLINDER ASSY		1						R
1-2	1	172456-72502 (B=M/#22194)	CYLINDER ASSY	1	1						R
2	2	172456-72030	SEAL SET, HEAD 55 30		1						
2-1	2	172456-72031 (B=M/#21783)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

Fig.66. BUCKET CYLINDER

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

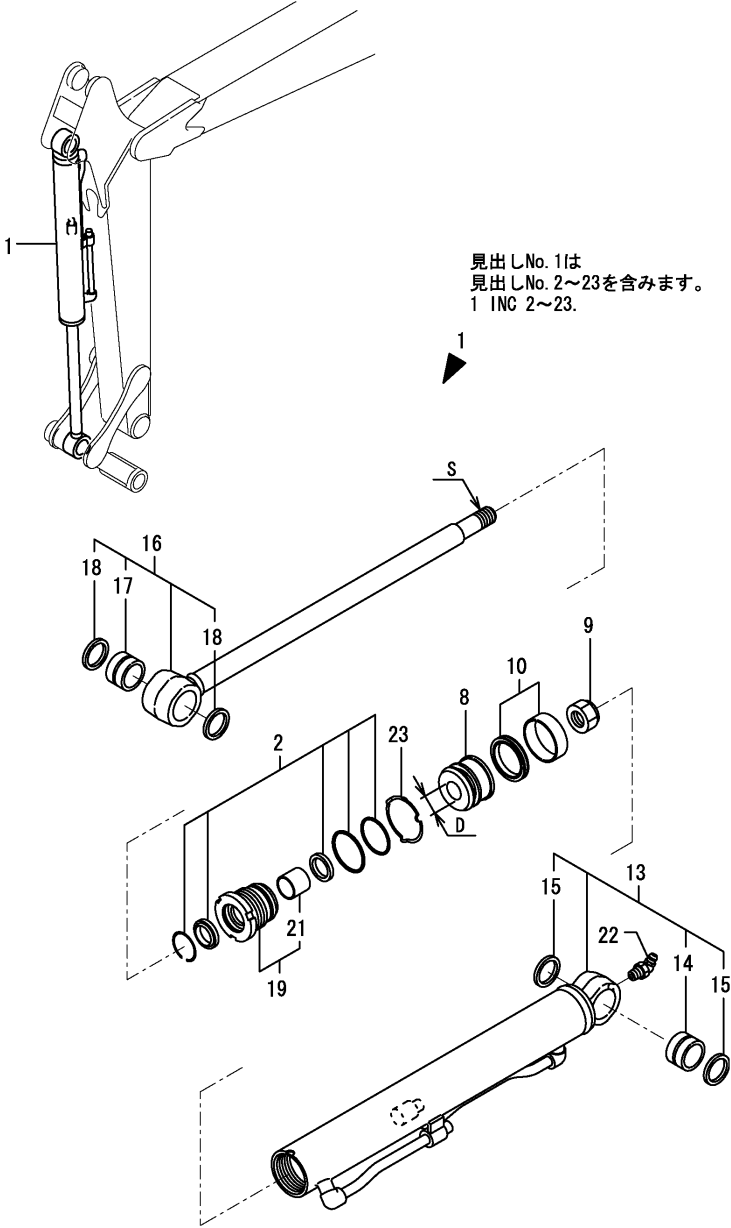
(D)=VIO20-2 P(EX)
(E)=
(F)=

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



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

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



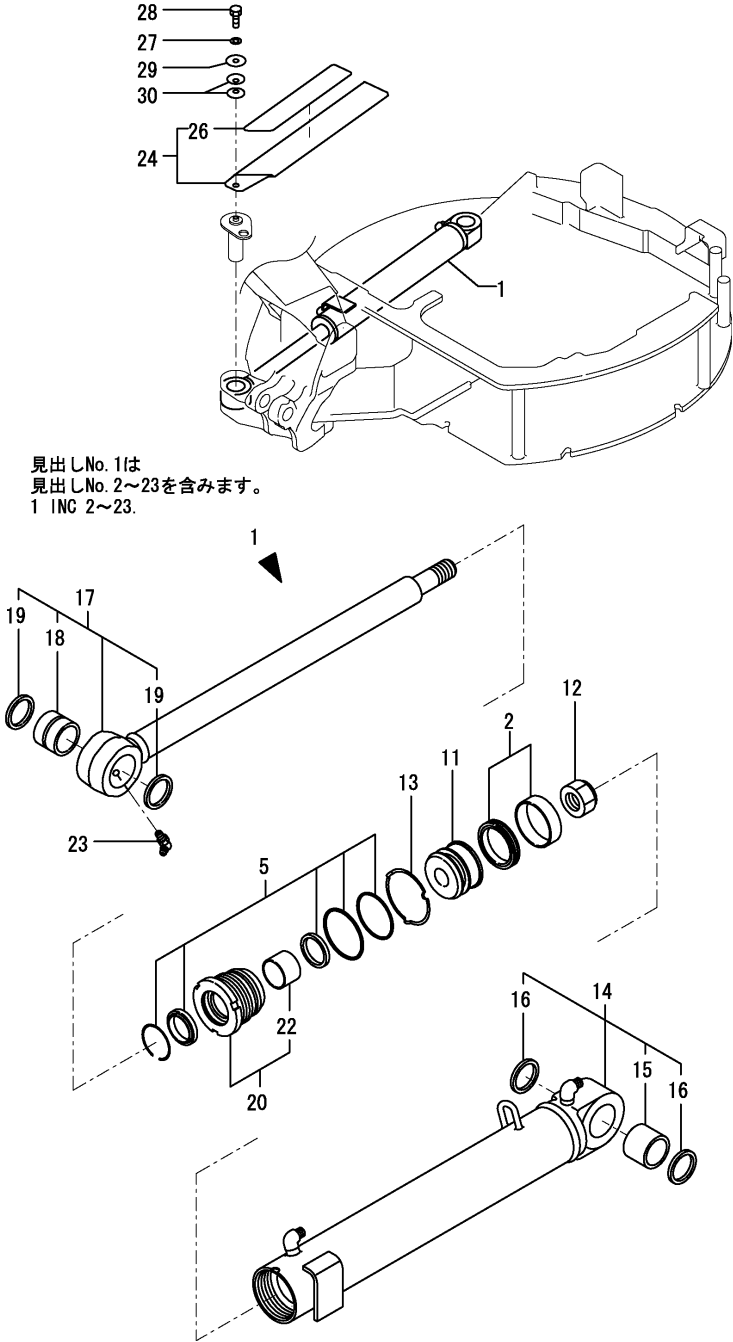
Remarks
(1)D=REF.NO.8:24MM,NO.8-1:27MM.
(2)S=REF.NO.16:M24,NO.16-1:M27.

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

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

Fig.68. SWING CYLINDER

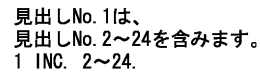
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

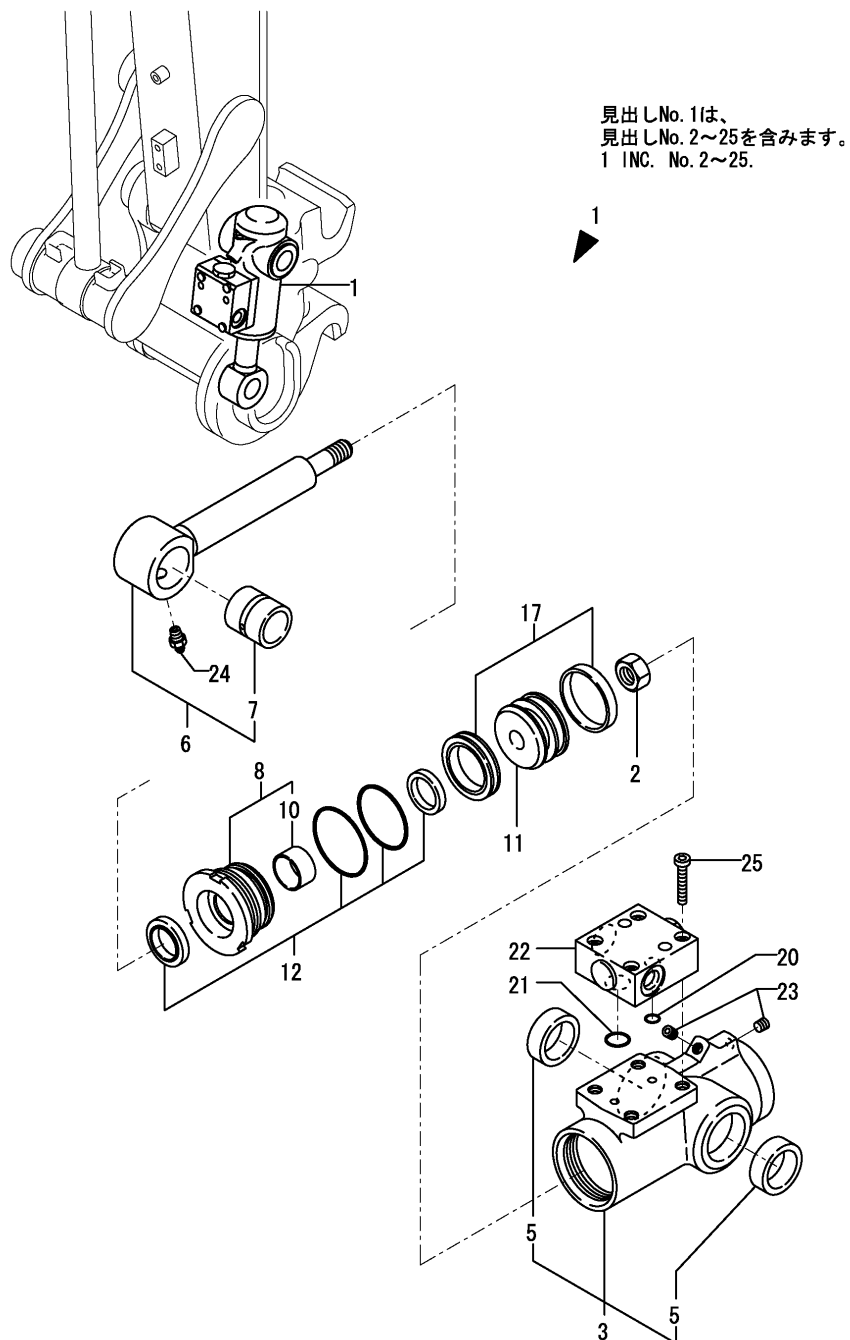
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-72700	CYLINDER ASSY, SWING	1	1		1				
2	2	172143-72010	SEAL SET, PISTON 70		1						
2-1	2	172460-72070	SEAL SET, PISTON	1	1		1			N	
(B=M/#21813)											
5	2	172456-72050	SEAL SET, HEAD	1	1		1				
11	2	172456-72190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

Fig.69. BLADE CYLINDER

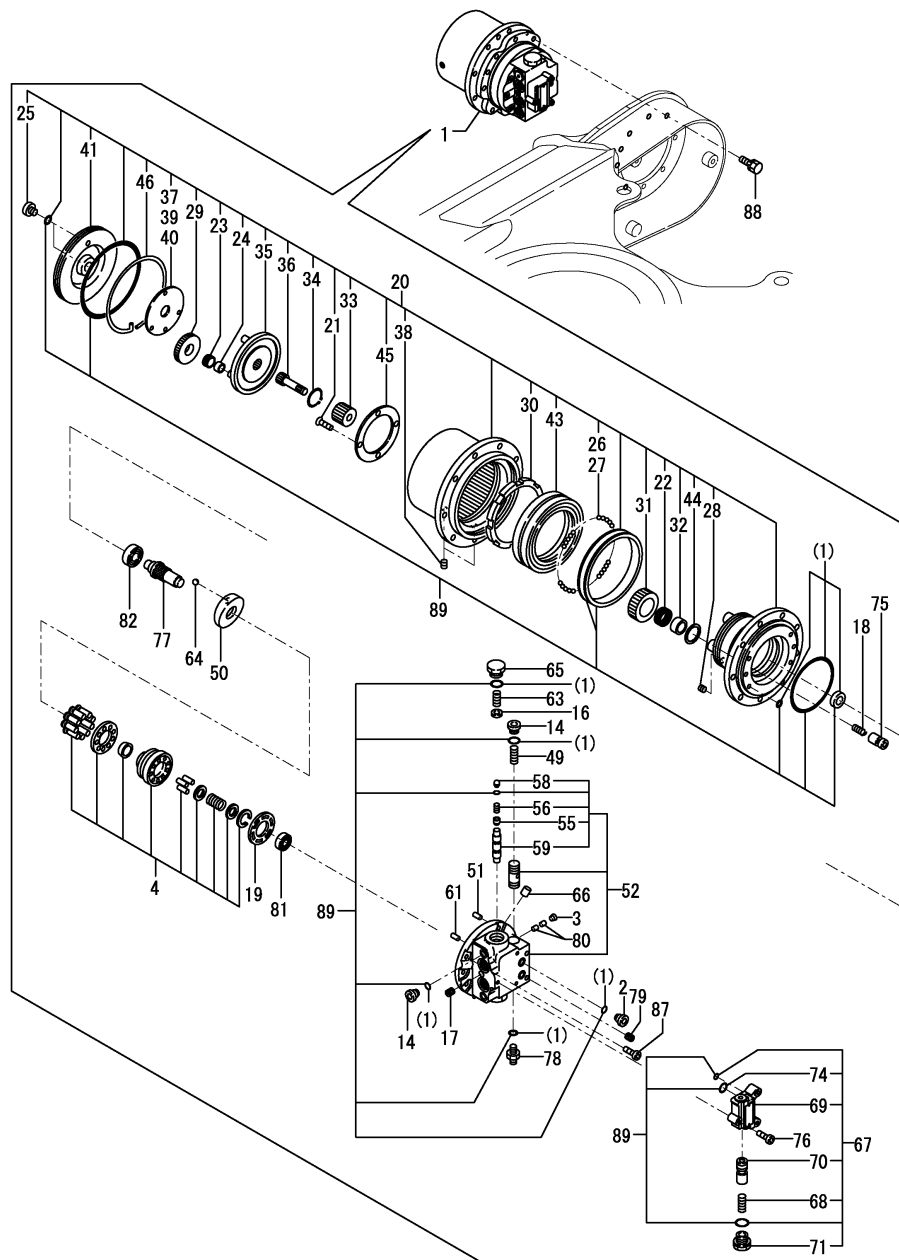


(D)=VIO20-2 P(EX)
(E)=
(F)=

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



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



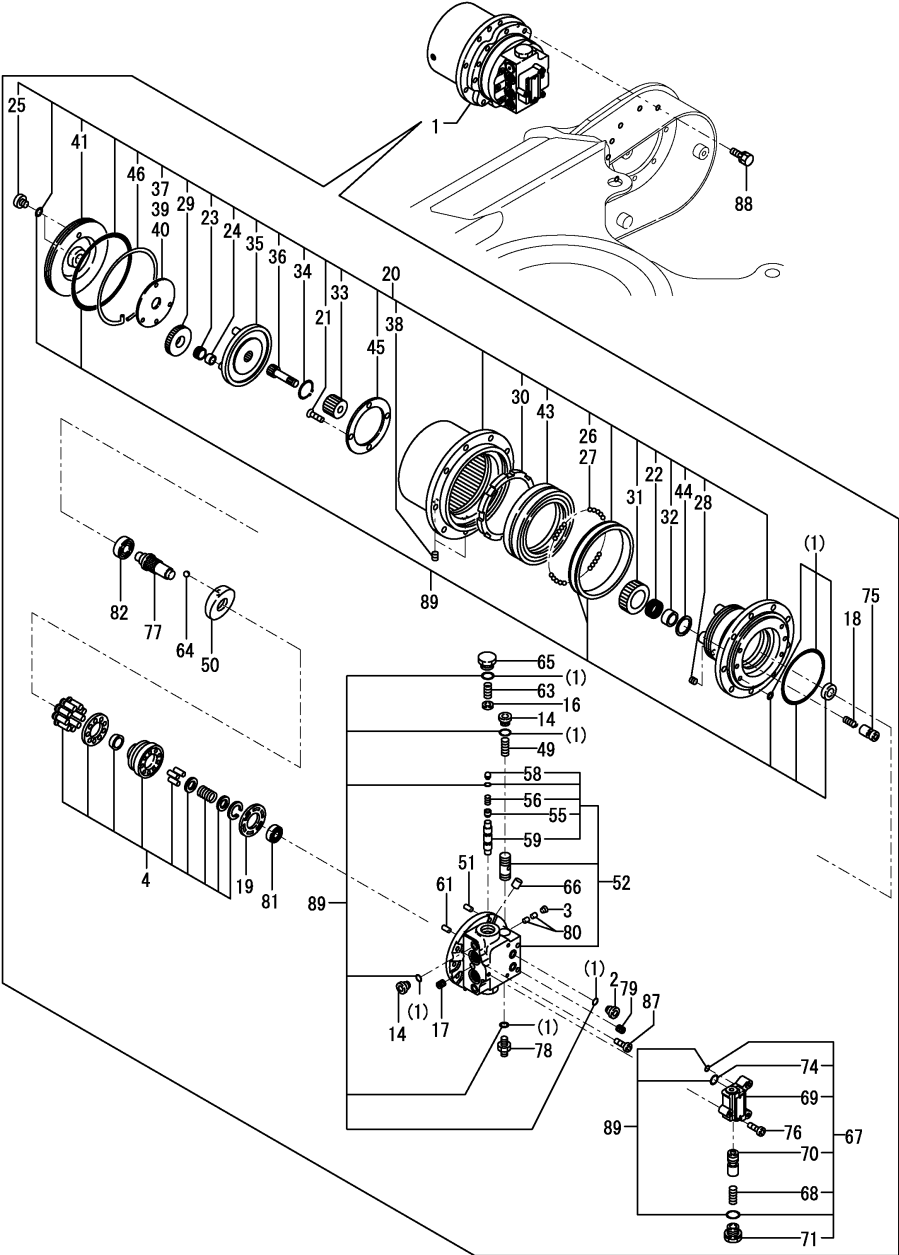
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172456-73300	MOTOR ASSY,TRAVEL	2	2		2		
2	2	1A6240-37360	PLUG	4	4		4		
3	2	172147-70220	PLUG	4	4		4		
4	2	172450-73620	CYLINDER BLOCK KIT	2	2		2		
14	2	172148-70301	PLUG	6	6		6		
16	2	172141-70450	SEAT, SPRING	4	4		4		
17	2	172162-70780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

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

Fig.71. TRAVEL MOTOR



OCK10-M37602 Fig.71

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

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

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

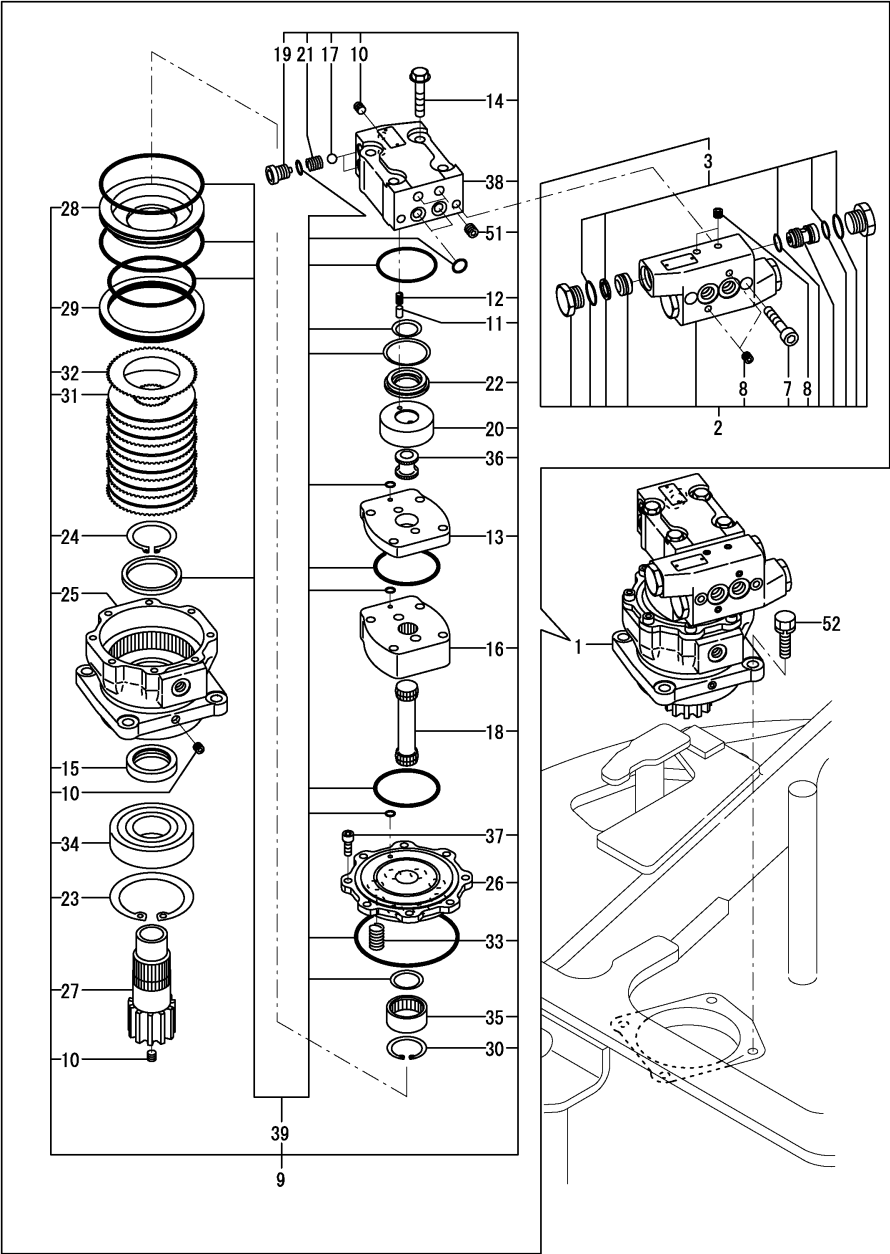
Remarks
(M)MISPRINT.

Fig.72. TURNING MOTOR

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

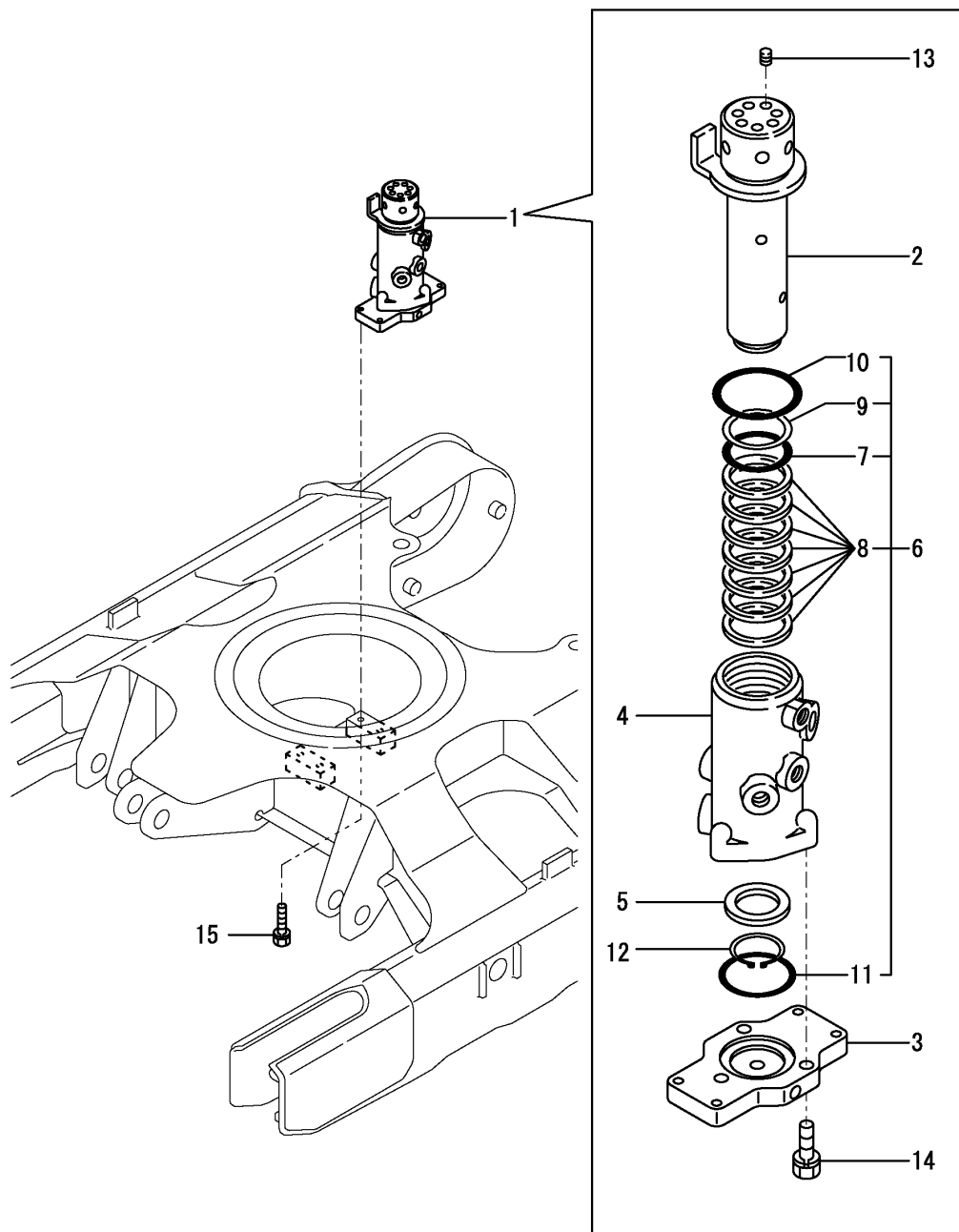
(D)=VIO20-2 P(EX)
(E)=
(F)=

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



Remarks
(M)MISPRINT.

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

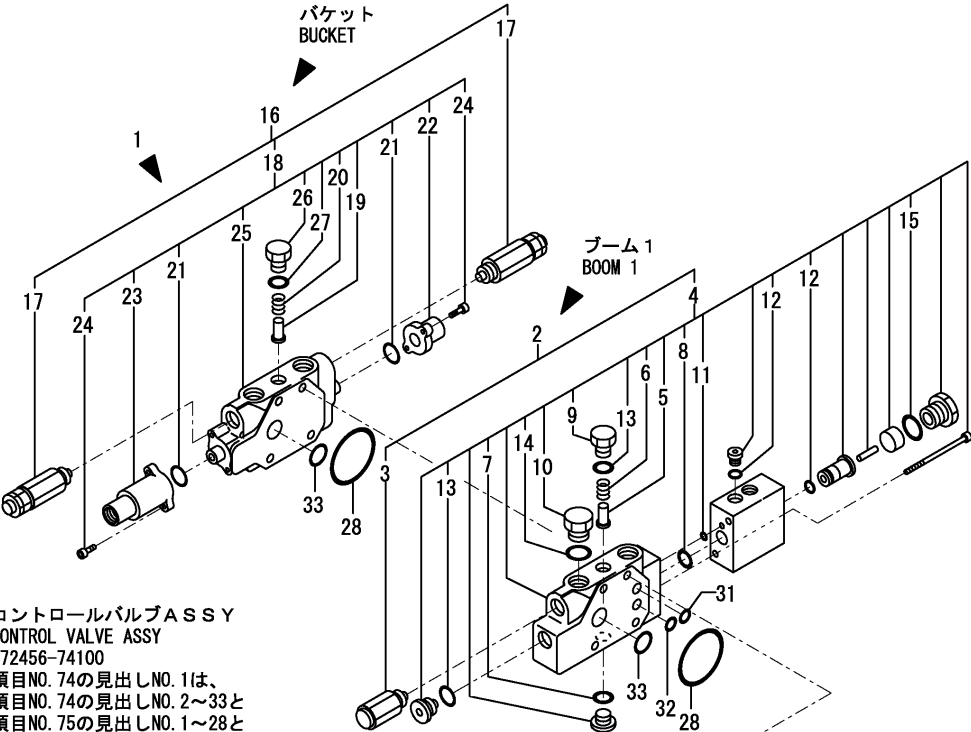


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73802	JOINT ASSY, SWIVEL	1	1		1				
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1		1				
3	2	172444-73840	FLANGE, SWIVEL	1	1		1				
4	2	172444-73831	HUB, SWIVEL	1	1		1				
5	2	172137-73860	SPACER, SWIVEL	1	1		1				
6	2	172444-73880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

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

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

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



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

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

Fig. 74 Ref. No. 1

INC. Fig. 74 Ref. No. 2～33.

Fig. 75 Ref. No. 1～28.

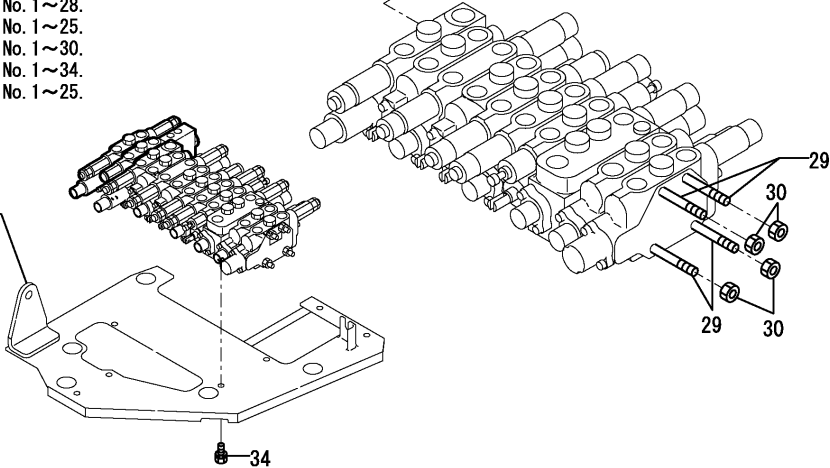
Fig. 76 Ref. No. 1～25.

Fig. 77 Ref. No. 1～30.

Fig. 78 Ref. No. 1～34.

Fig. 79 Ref. No. 1～25.

REFER TO Fig. 37



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

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

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

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

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

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

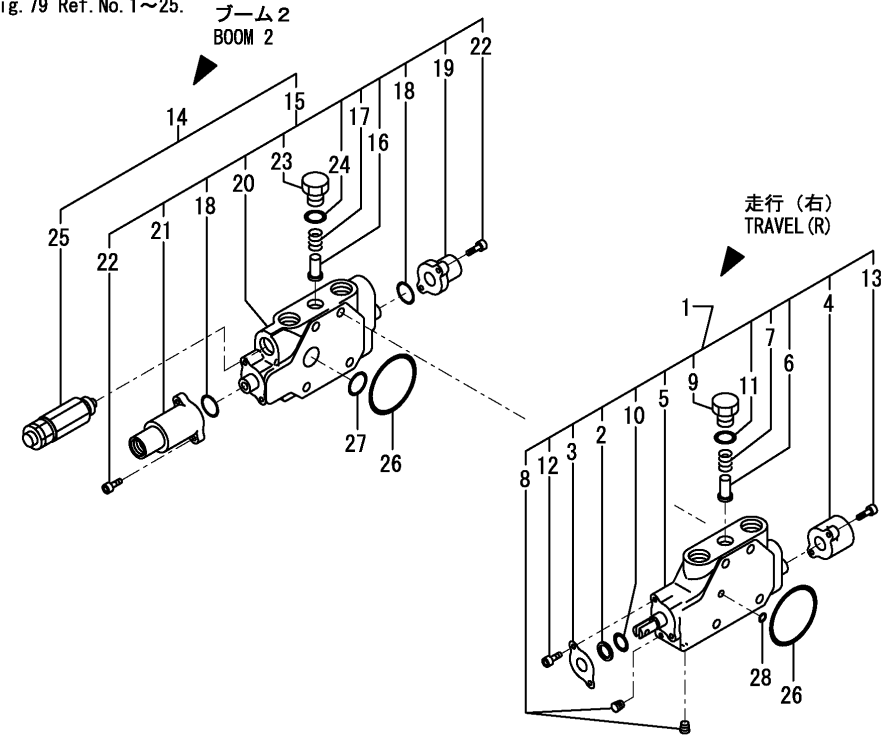
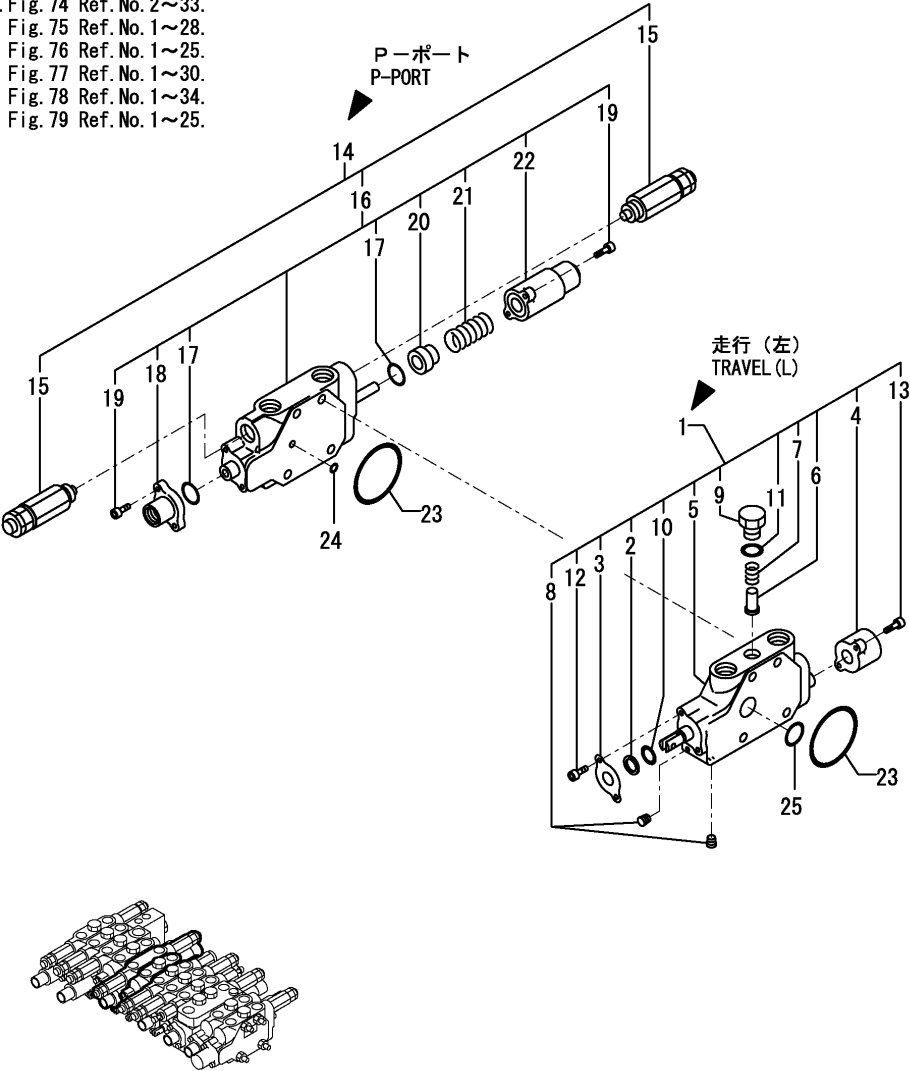


Fig.76. CONTROL VALVE(P PORT & TRAVEL:LEFT)

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

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

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



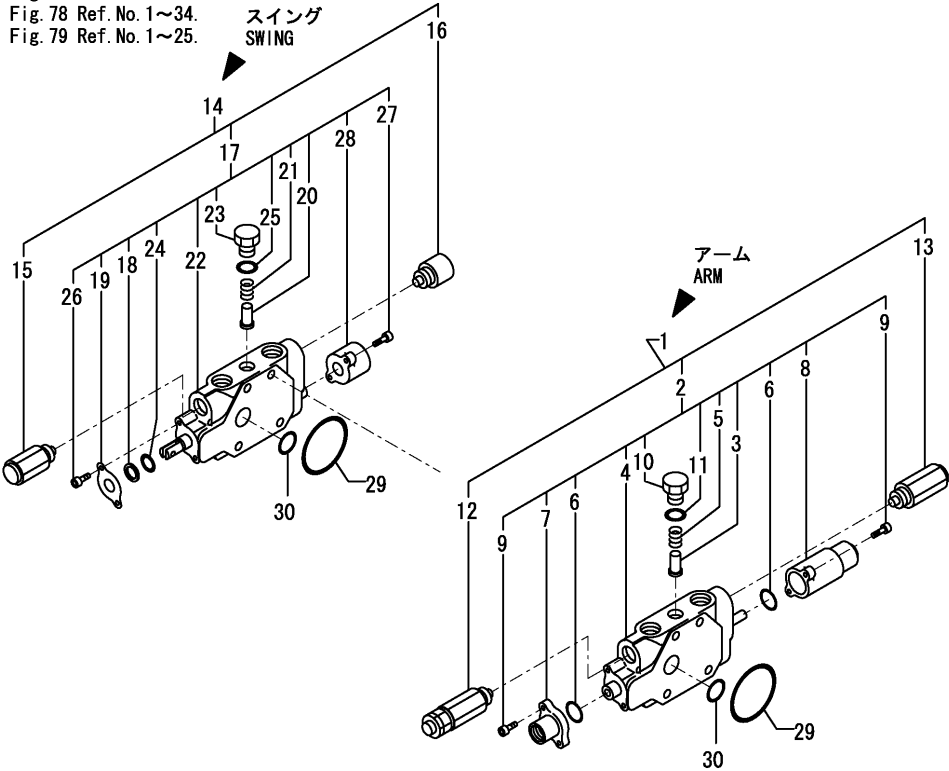
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74170	SECTION ASSY, TRAVEL	1	1		1				
2	3	172458-74130	DUST WIPER	1	1		1				
3	3	172458-74140	RETAINER, SEAL	1	1		1				
4	3	172458-74170	CAP, SPRING	1	1		1				
5	3	172456-74180	SPOOL ASSY, TRAVEL	1	1		1				
6	3	172458-74290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

Fig.77. CONTROL VALVE(SWING & ARM)

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

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

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

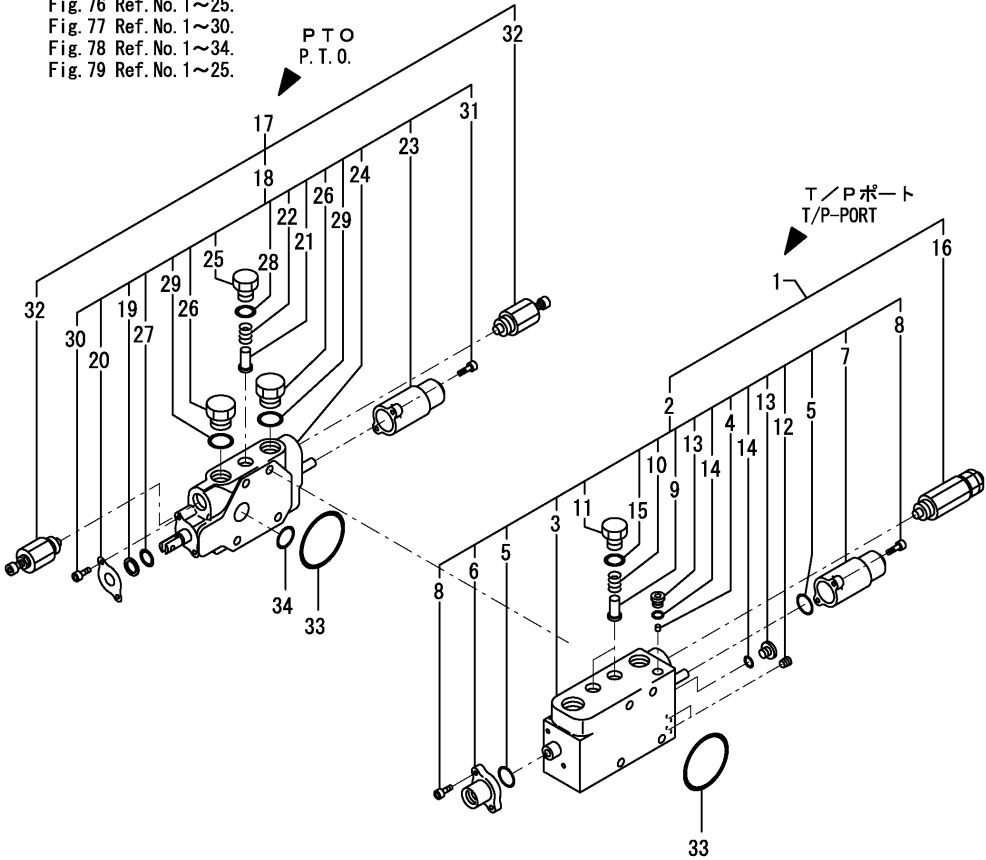


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172456-74320	SECTION, ARM	1	1		1				
2	3	172456-74150	SECTION ASSY, ARM	1	1		1				
3	4	172458-74150	VALVE, REVERSE	1	1		1				
4	4	172456-74160	SPOOL ASSY, ARM	1	1		1				
5	4	172458-74160	SPRING, VALVE	1	1		1				
6	4	172458-74230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

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

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

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



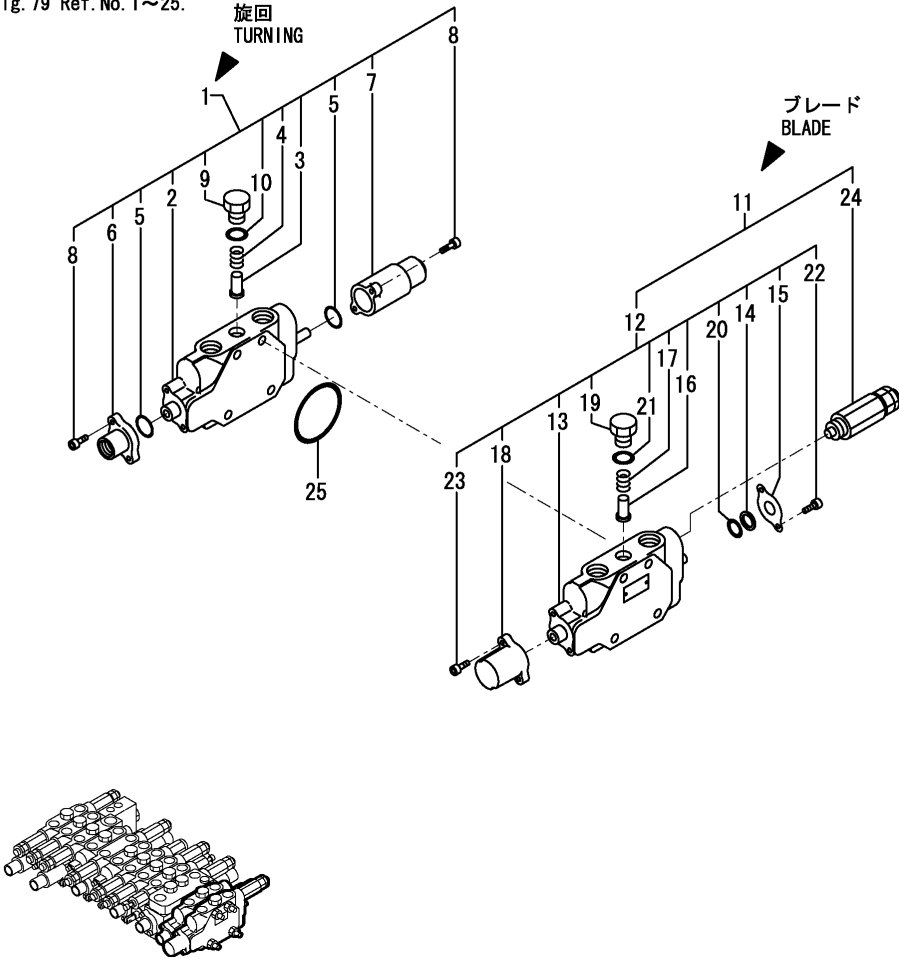
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

Fig.79. CONTROL VALVE(TURNING & BLADE)

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

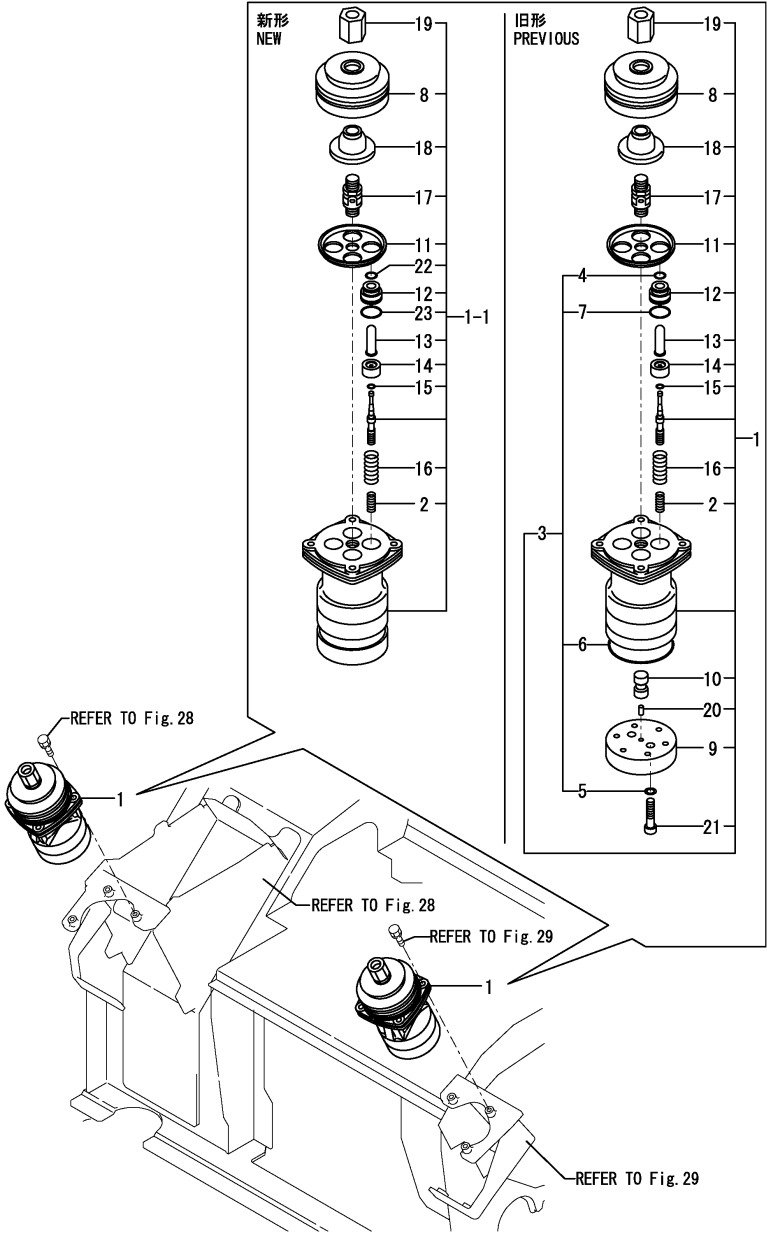
Fig. 74 Ref. No. 1
INC. Fig. 74 Ref. No. 2～33.
Fig. 75 Ref. No. 1～28.
Fig. 76 Ref. No. 1～25.
Fig. 77 Ref. No. 1～30.
Fig. 78 Ref. No. 1～34.
Fig. 79 Ref. No. 1～25.



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

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

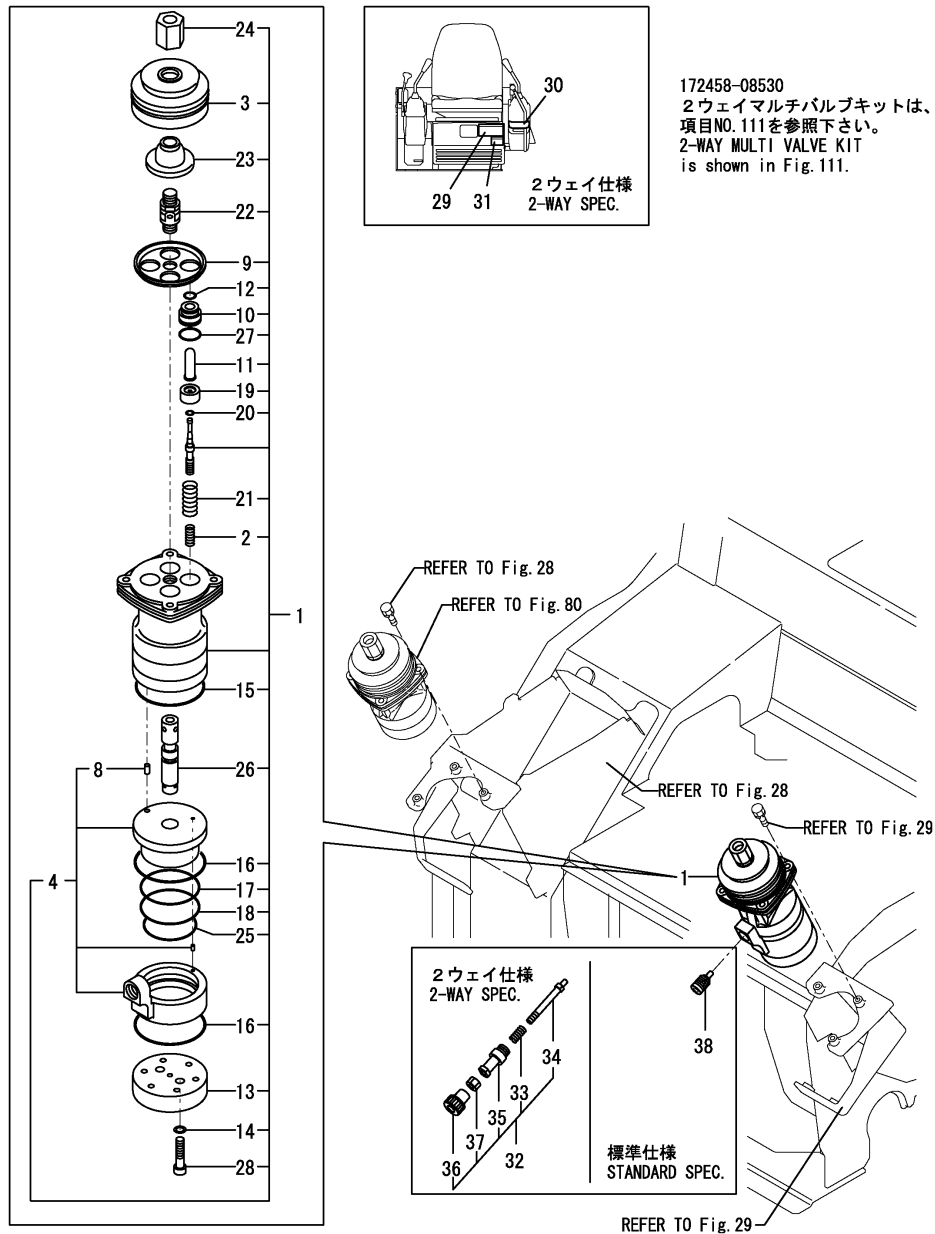
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

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

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



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

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

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

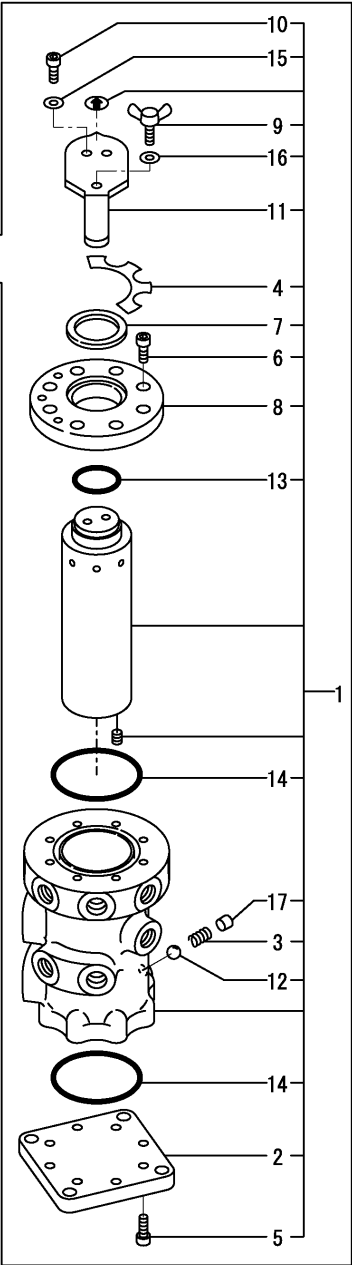
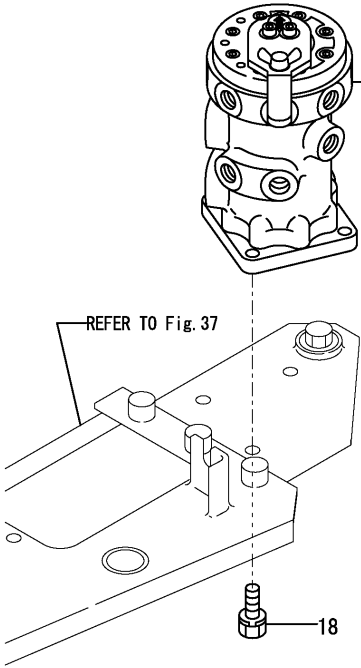
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-74500	REMO-CON.VALVE M2	1	1						
2	2	172455-74240	SPRING	4	4						
3	2	172455-74710	BELLOWS	1	1						
4	2	172448-74720	SLEEVE, SPOOL	1	1						
8	3	22351-050010	PIN, SPRING 5.0X10	1	1						
9	2	172448-74760	PLATE	1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

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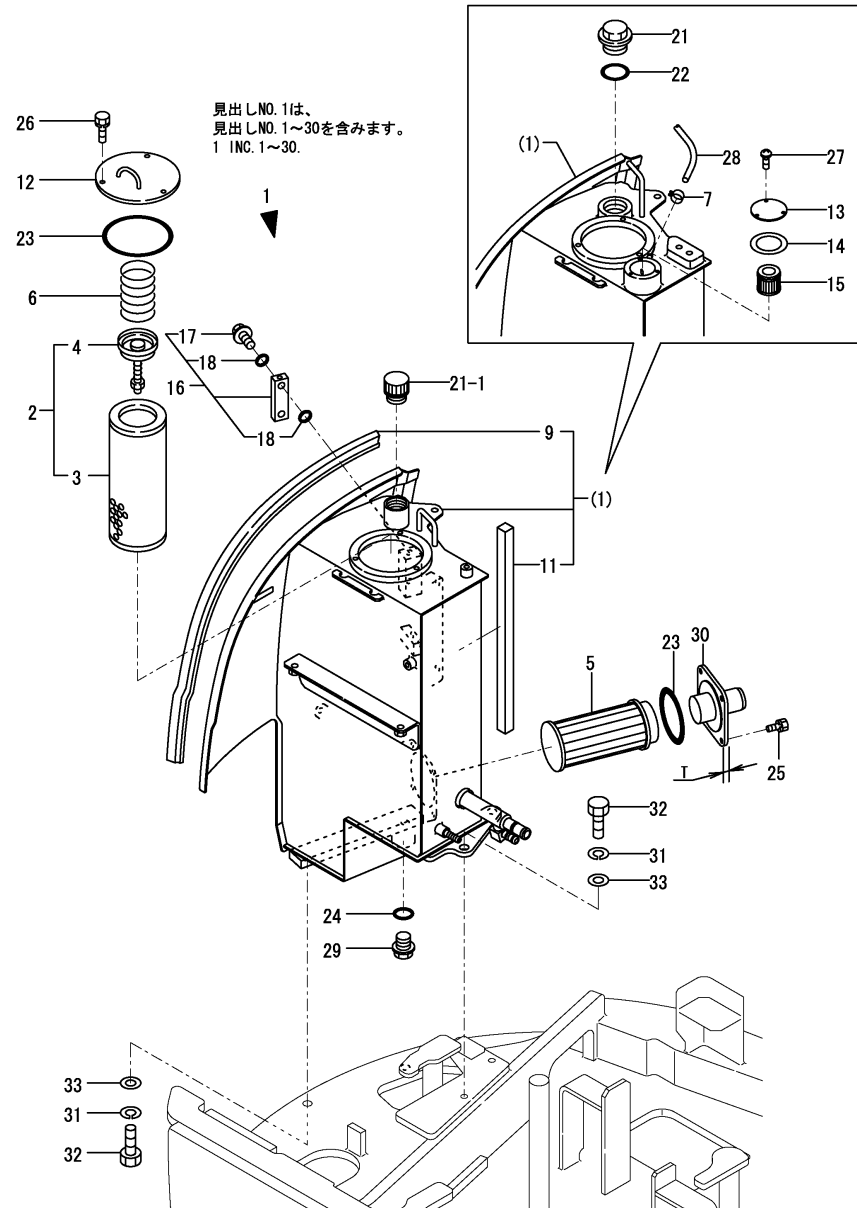
Fig.82. ROTARY VALVE(4-WAY SPEC.)

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

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

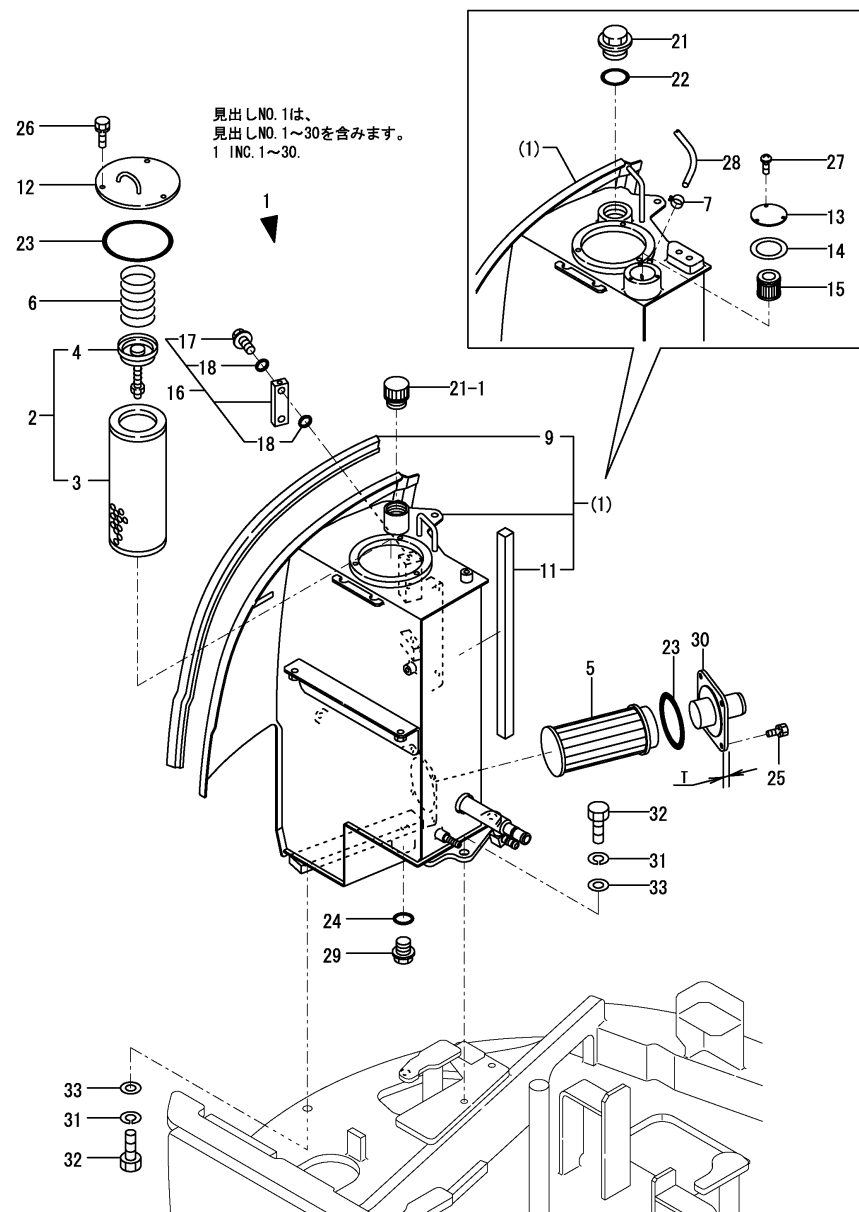


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172151-74601	VALVE	1	1						
2	2	182900-16530	COVER	1	1						
3	2	182900-22300	SPRING	1	1						
4	2	172151-74740	PLATE, MARK	1	1						
5	2	182900-77190	BOLT	8	8						
6	2	182900-77200	BOLT	8	8						
7	2	182900-77210	DUST SEAL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



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

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

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

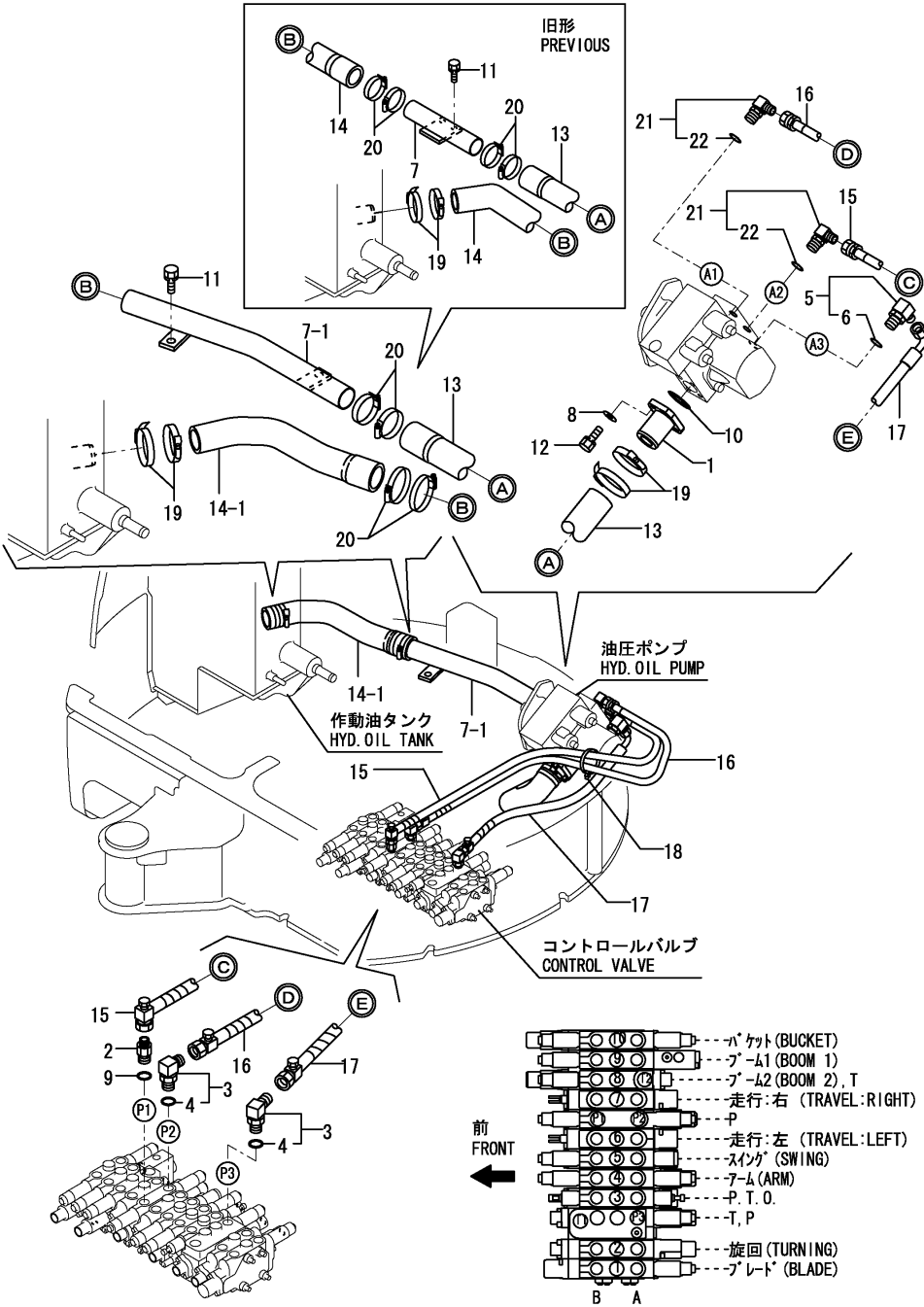
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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

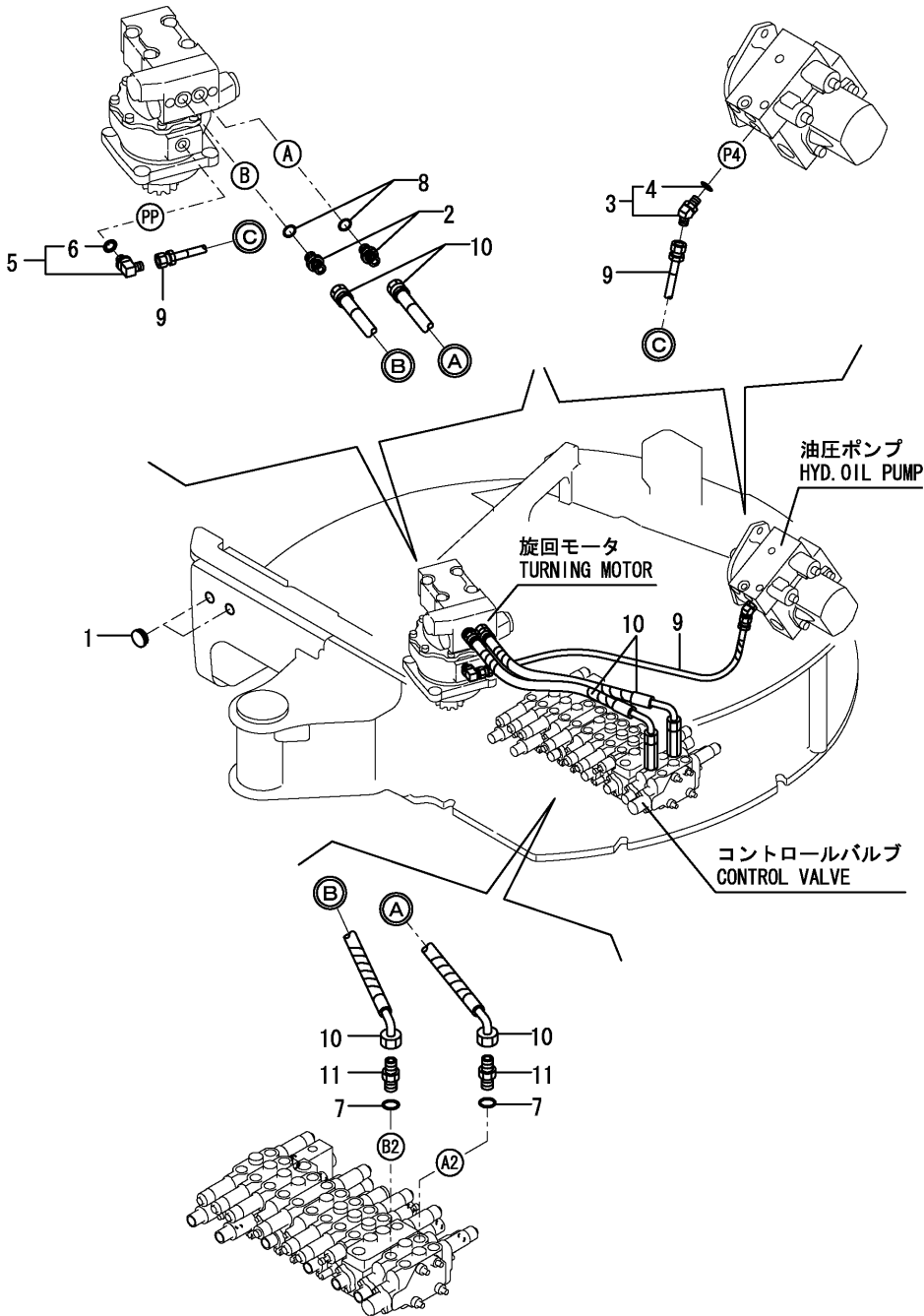
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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



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

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

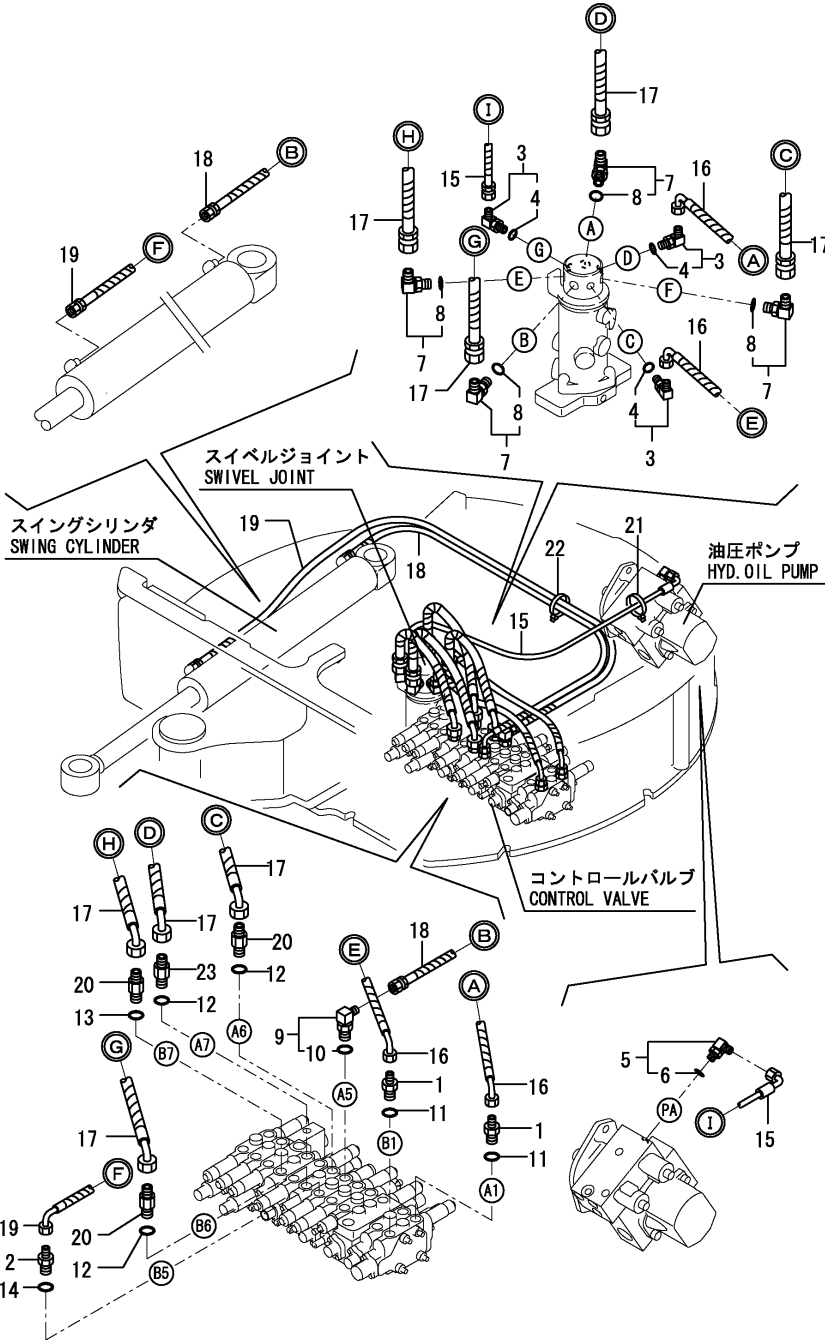


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

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

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

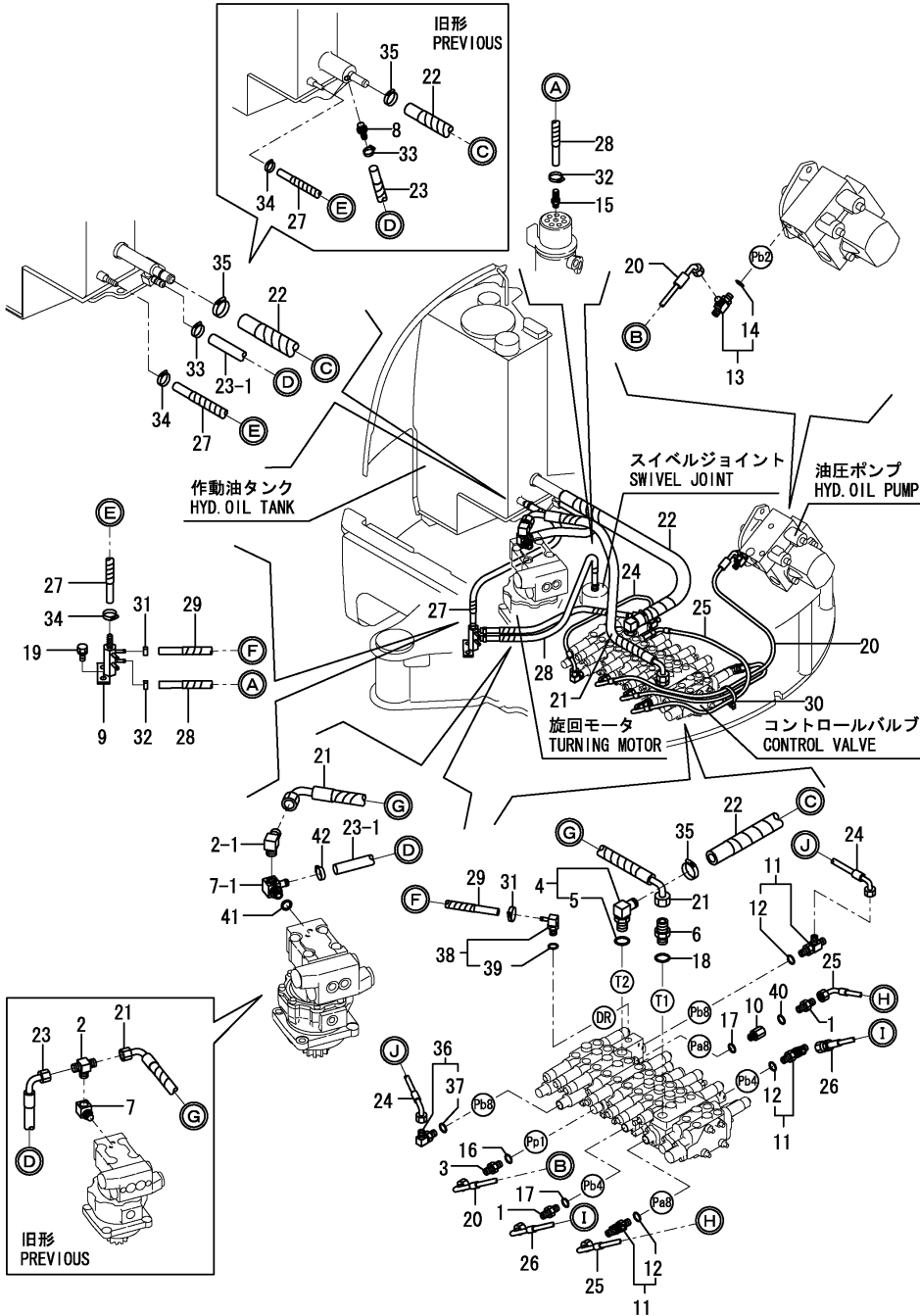


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-76130	CONNECTOR	2	2		2				
2	1	172147-76260	CONNECTOR, 3/8X1/4	1	1		1				
3	1	172141-76180	CONNECTOR ASSY	3	3		3				
4	2	24315-000110	O-RING, 1BP11.0	3	3		3				
5	1	172141-76180	CONNECTOR ASSY	1	1		1				
6	2	24315-000110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

Fig.87. HYD.OIL PIPING(RETURN)

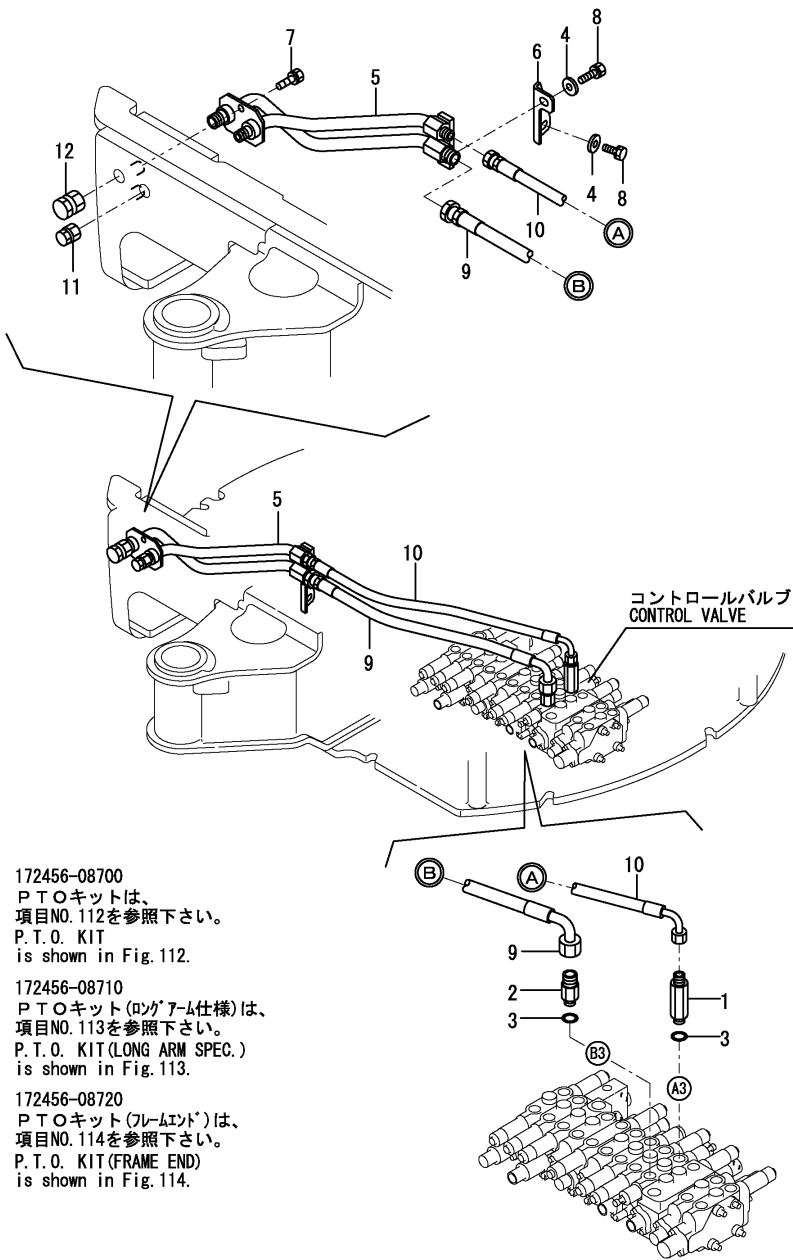
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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



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

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

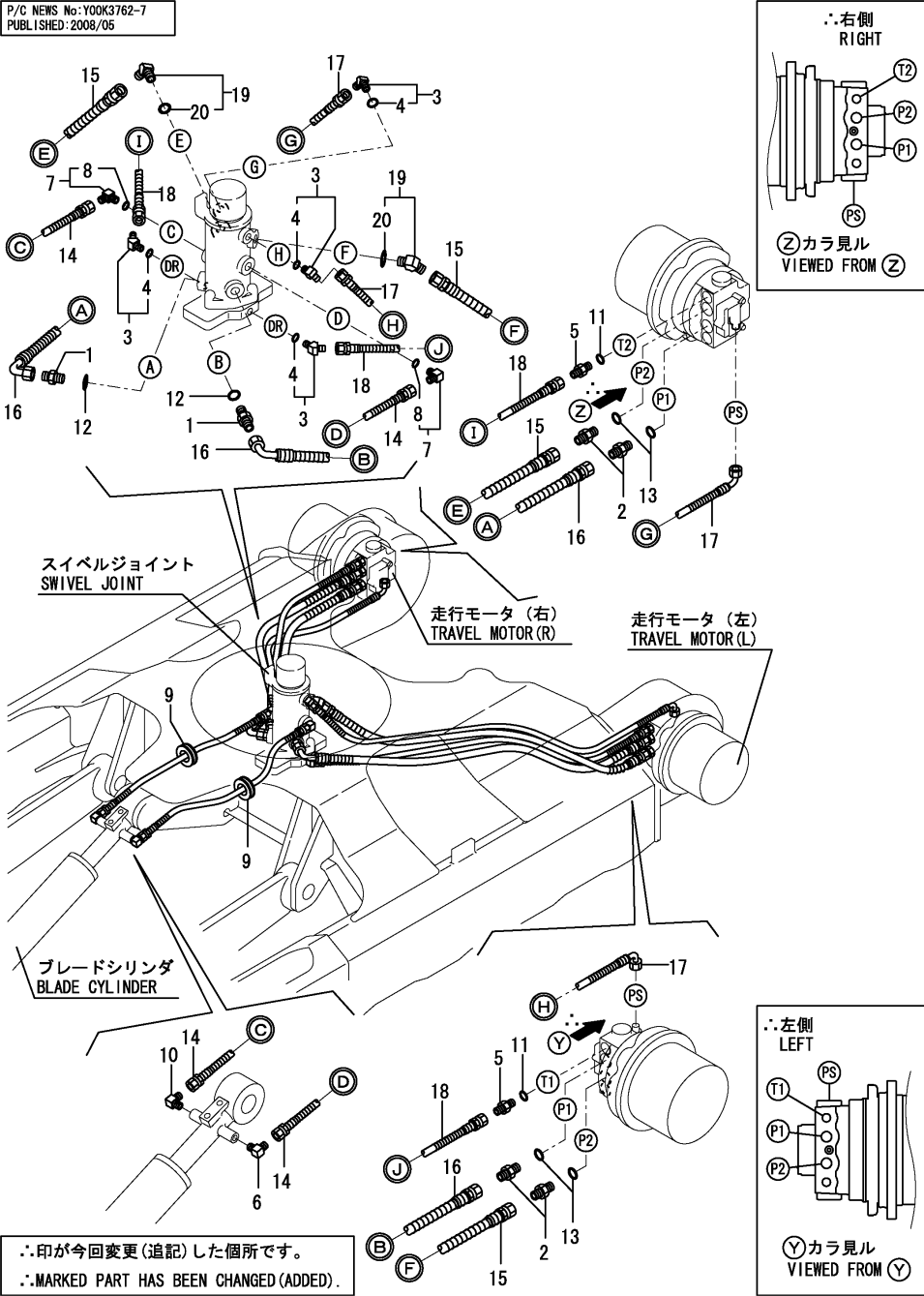


Remarks
(1)EX,FRAME END SPEC.

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

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

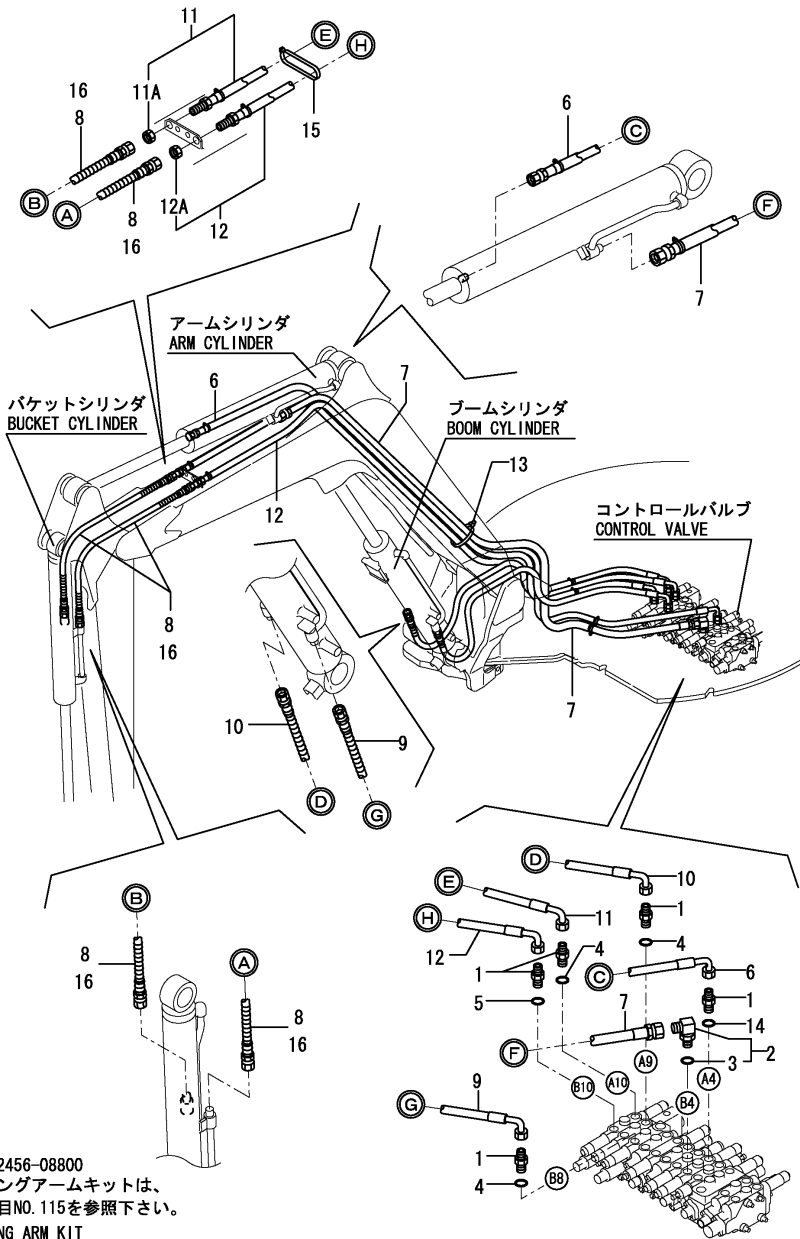
P/C NEWS No.:Y00K3762-7
PUBLISHED: 2008/05



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

N:Old $\xrightarrow{\text{Yes}}$ New, Q:Old $\xrightarrow{\text{No}}$ New, R:Old $\xrightarrow{\text{Yes}}$ New, S:Old $\xrightarrow{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

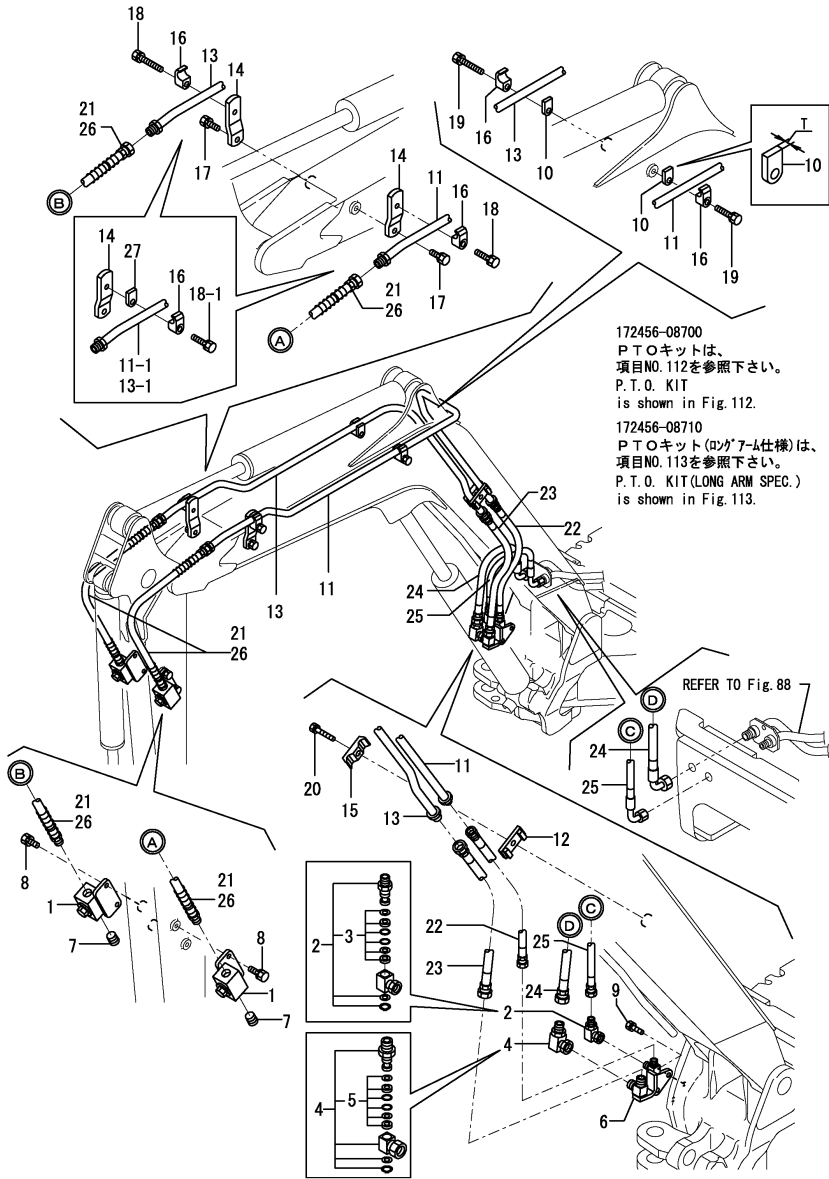


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	5	5		5				
2	1	172142-76181	JOINT ASSY	1	1		1				
3	2	24315-000140	O-RING, 1BP14.0	1	1		1				
4	1	24315-000140	O-RING, 1BP14.0	3	3		3				
5	1	24315-000140	O-RING, 1BP14.0	1	1		1				
6	1	172456-78180	HOSE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

Remarks
(1)LONG ARM SPEC.

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

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



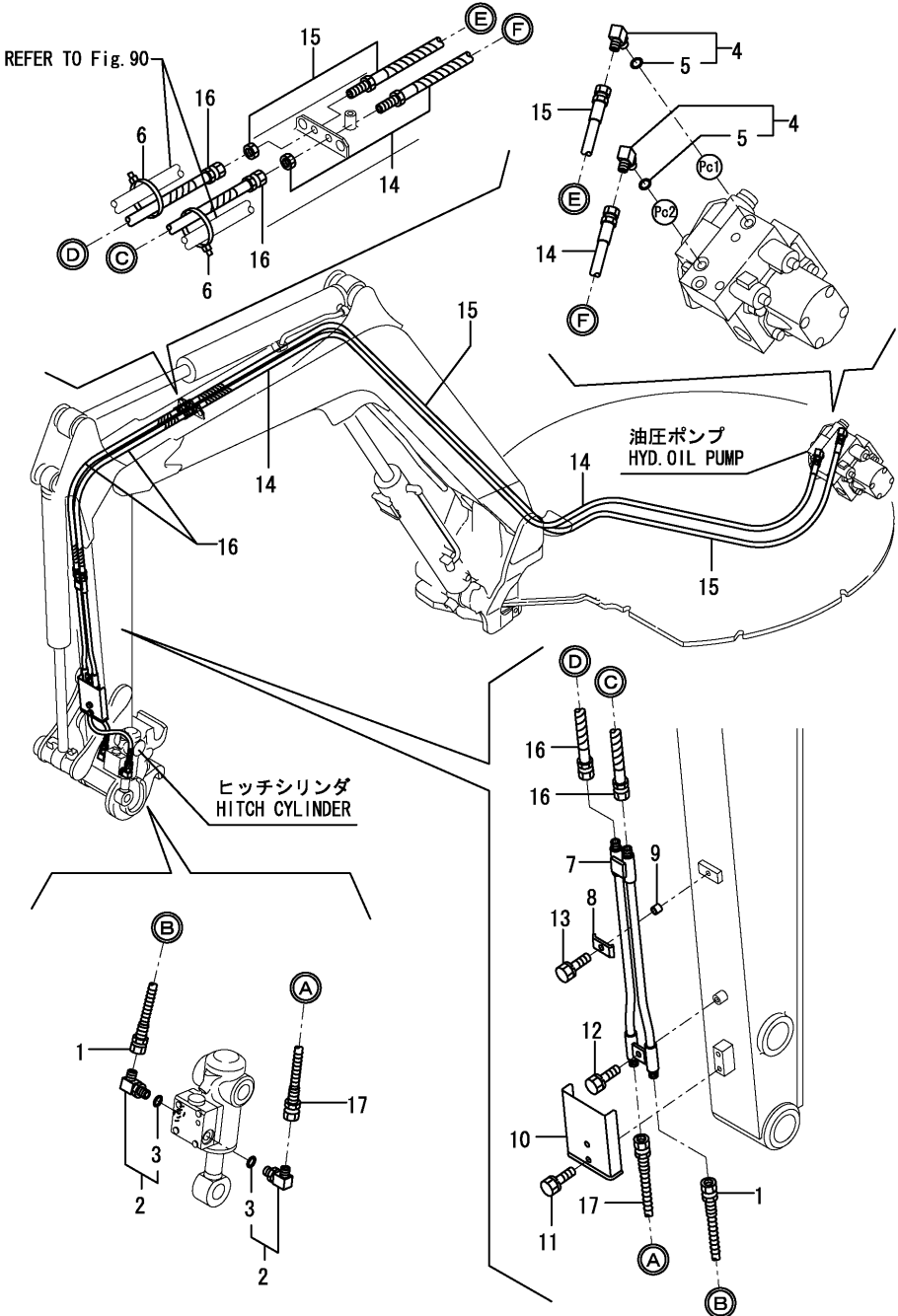
172456-08700
P.T.O.キットは、
項目NO. 112を参照下さい。
P.T.O. KIT
is shown in Fig.112.
172456-08710
P.T.O.キット(ロングアーム仕様)は、
項目NO. 113を参照下さい。
P.T.O. KIT (LONG ARM SPEC.)
is shown in Fig.113.

REFER TO Fig.88

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

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

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



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

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

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

0CK10-M37602 Fig.93

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

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

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

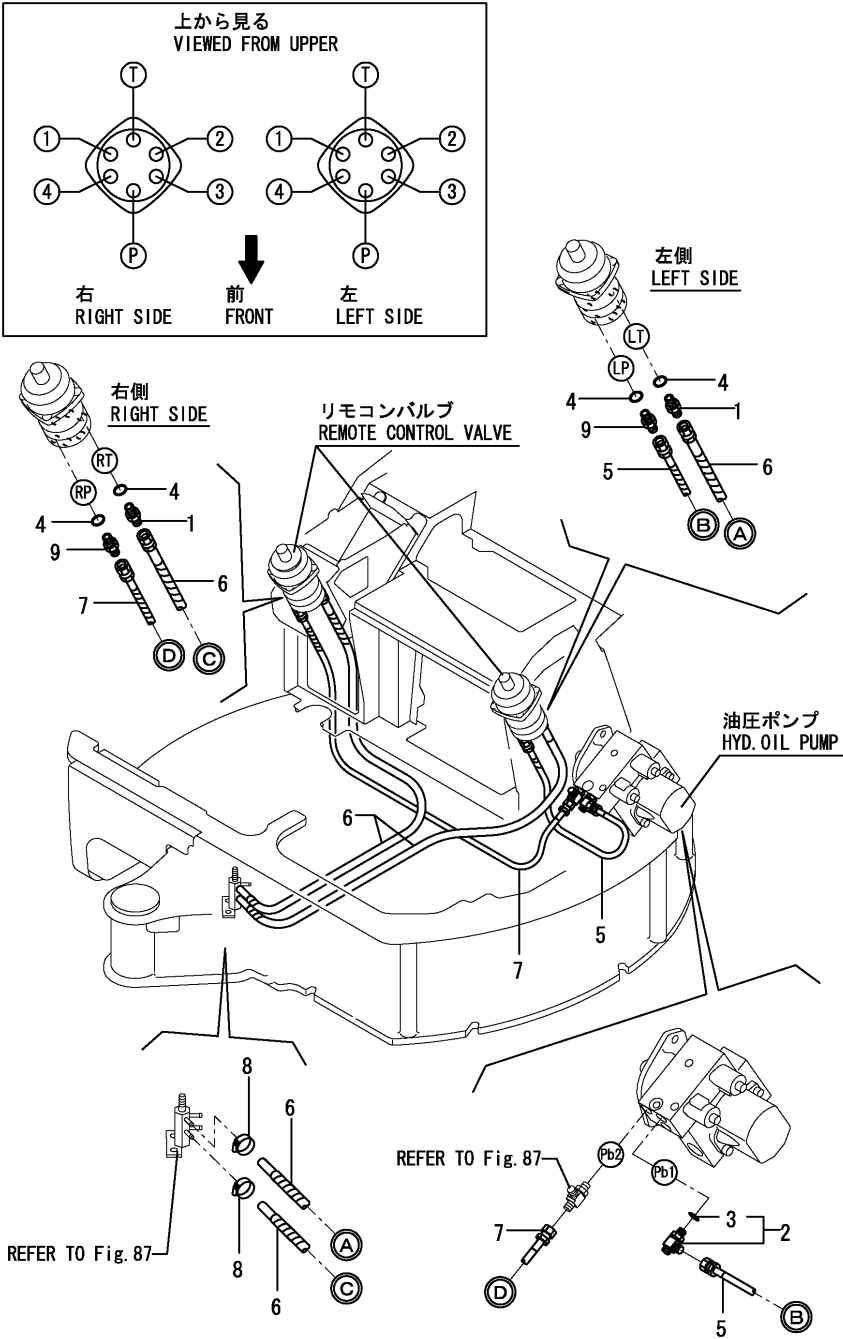
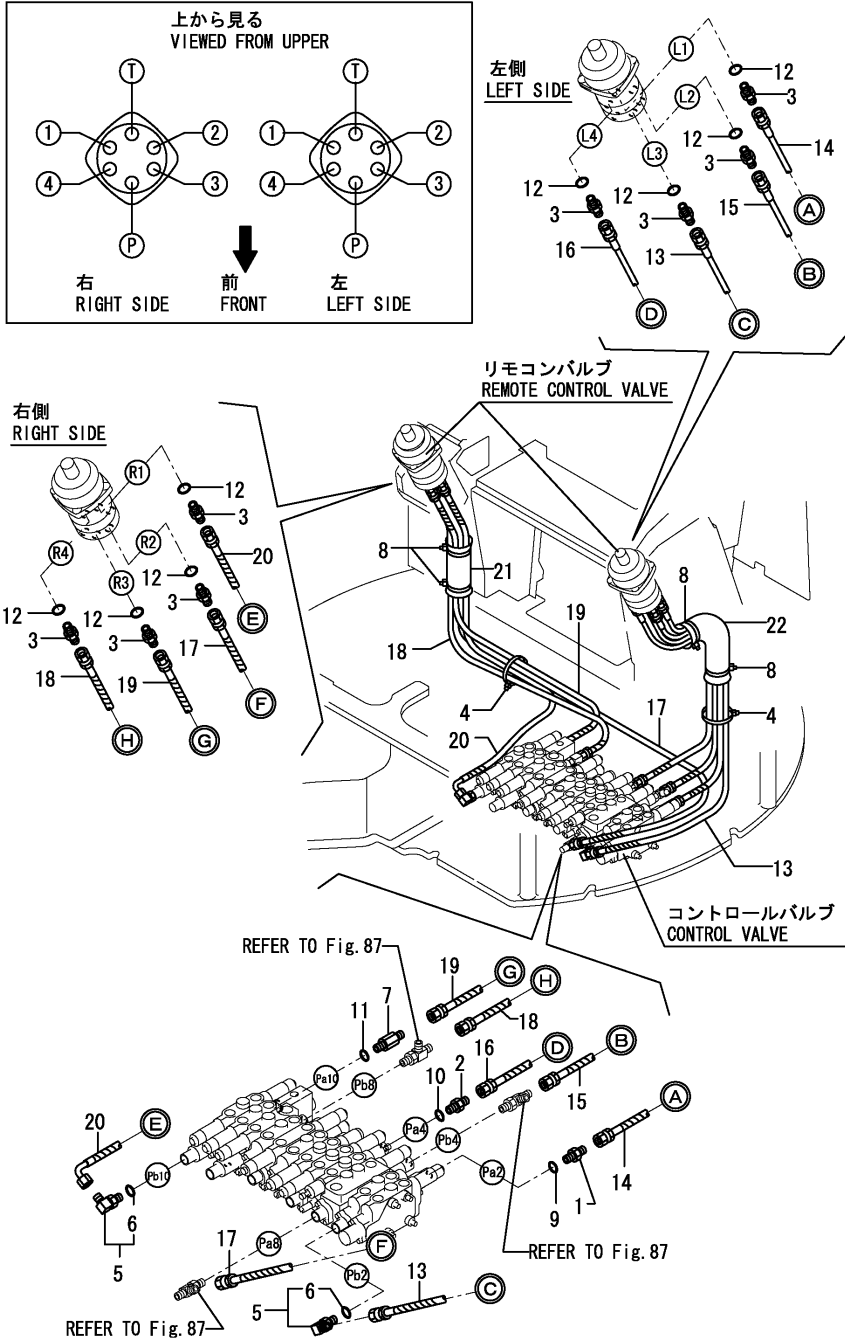


Fig.94. CONTROL PIPING(REMOTE CONTROL VALVE-CONTROL VALVE:STANDARD,2-WAY SPEC.)

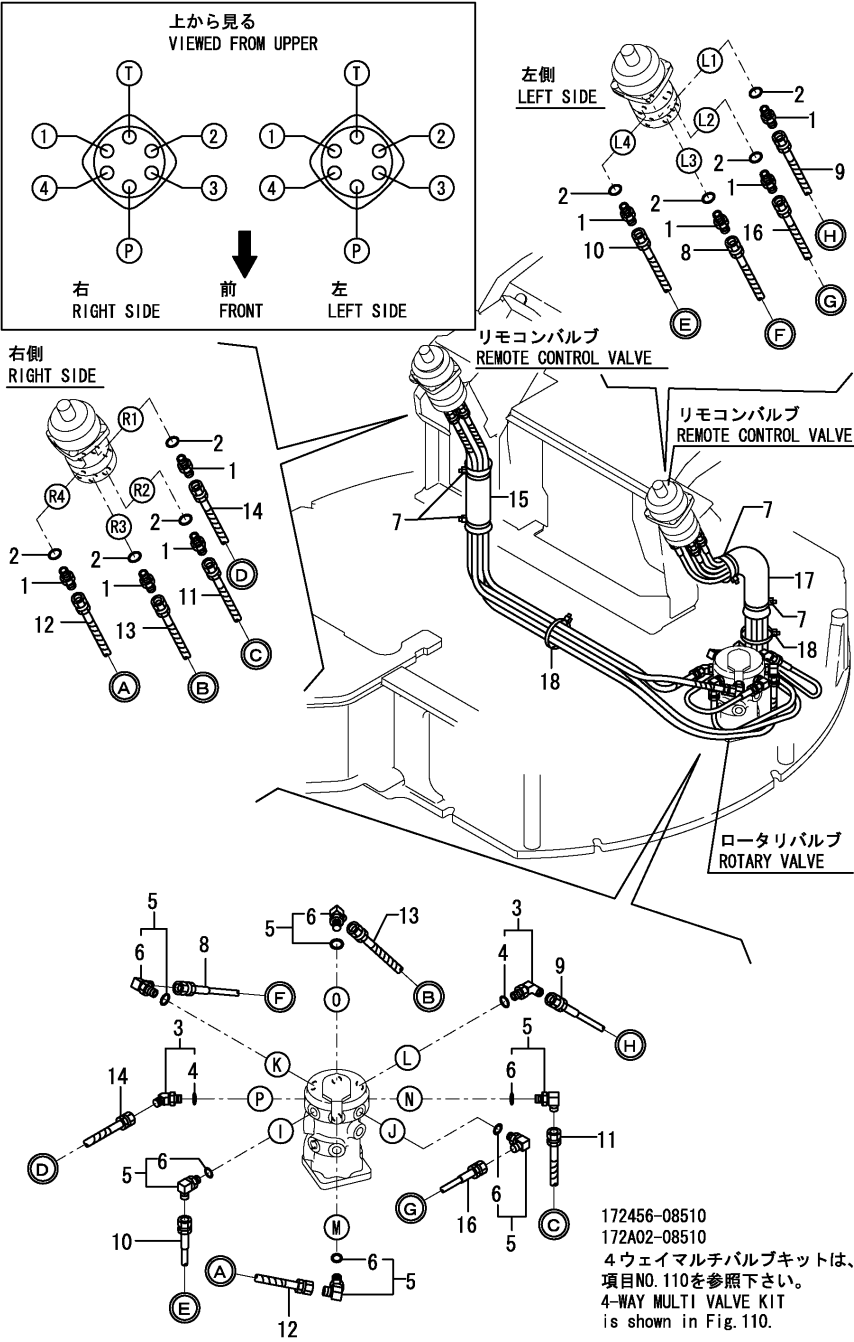
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

Fig.95. CONTROL PIPING(REMOTE CONTROL VALVE-ROTARY VALVE:4-WAY SPEC.)

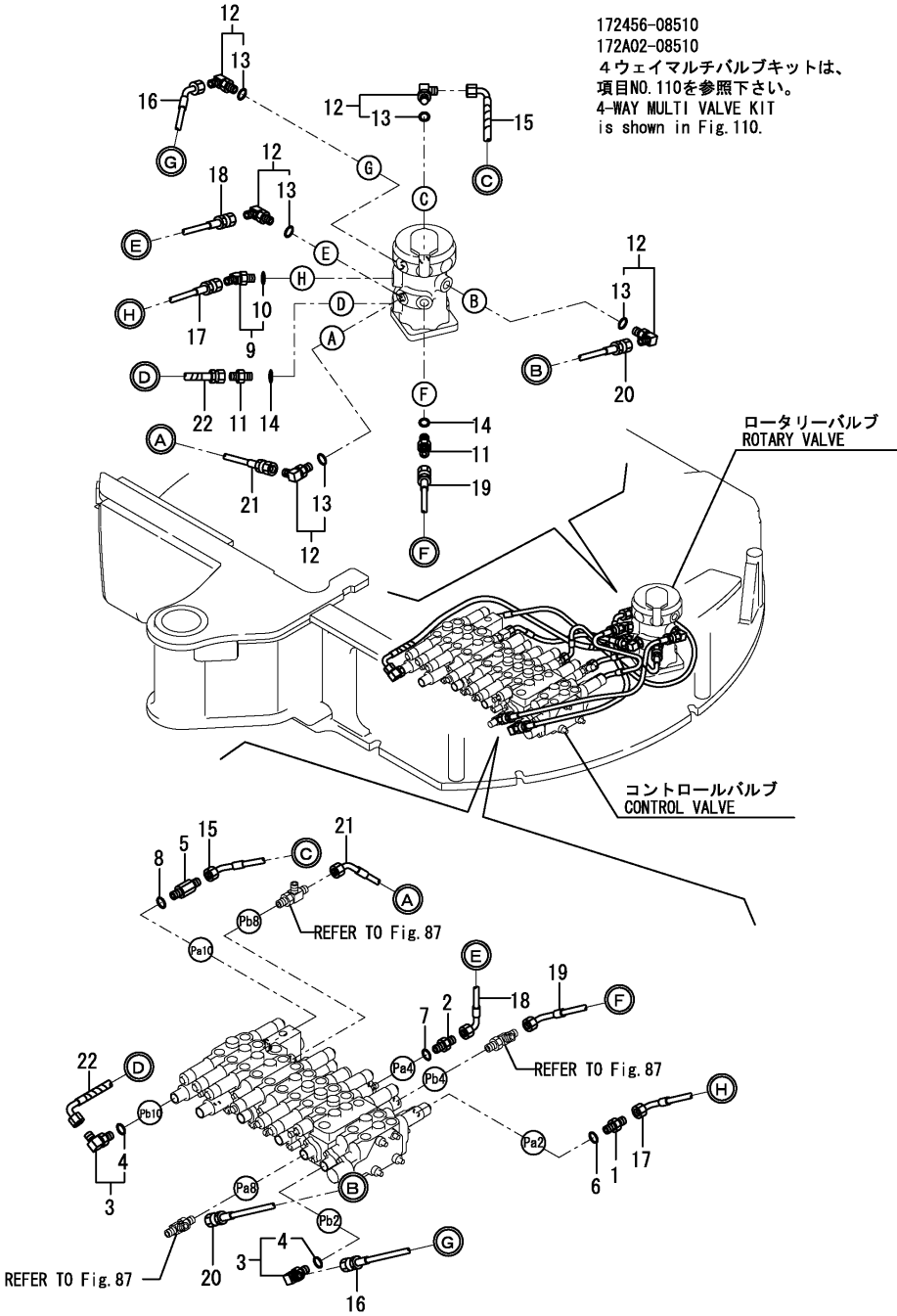
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

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

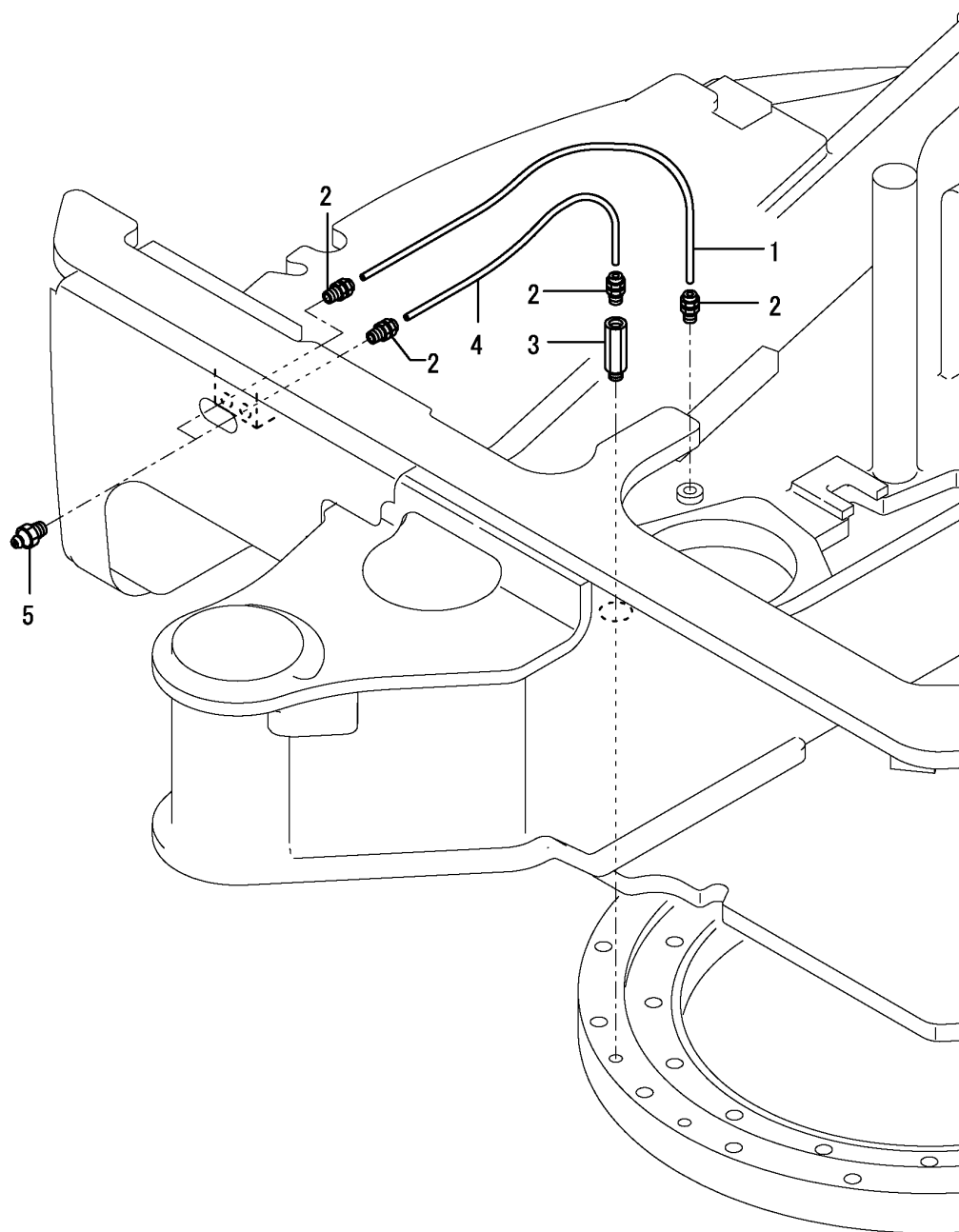
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=



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

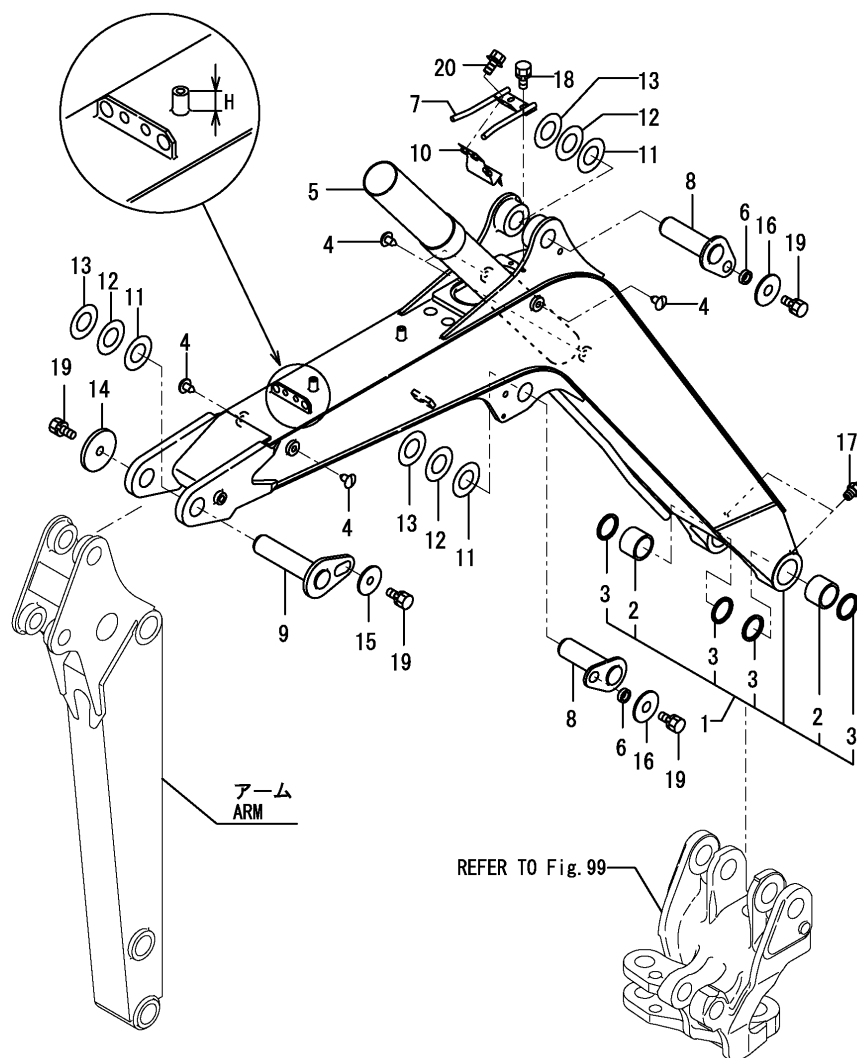
(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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



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

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PUBLISHED:2007/06



REF.NO.1-5.50MM.
INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT WITH
FIG.NO.44 REF.NO.1-1.

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

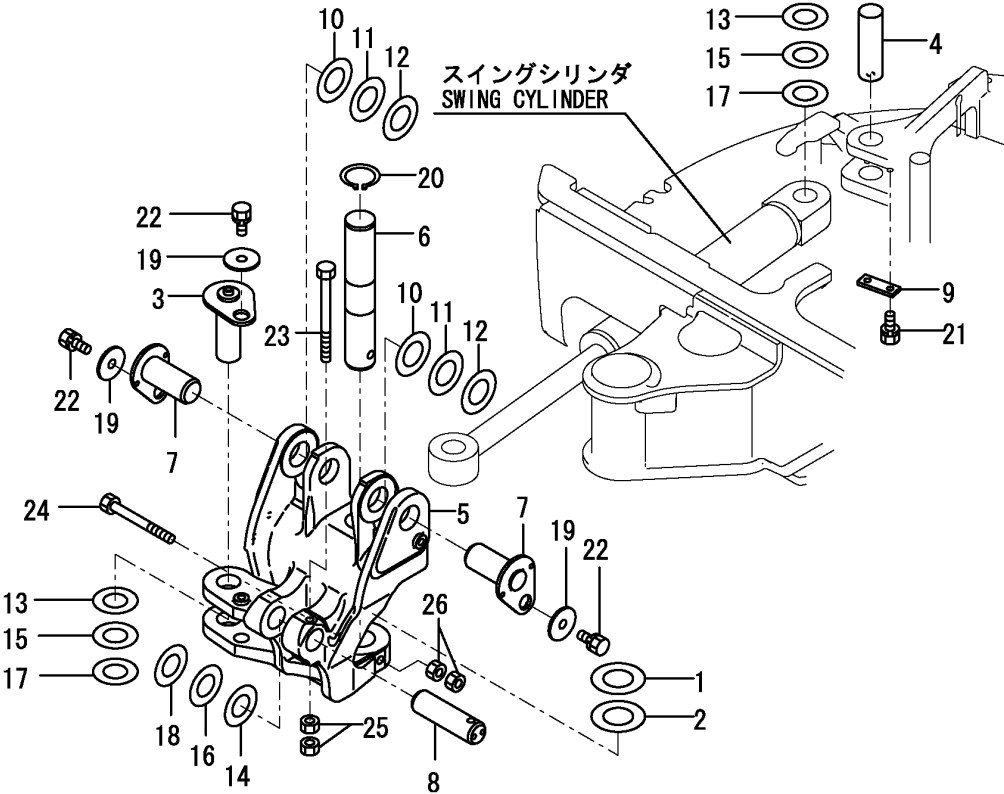
(D)=VIO20-2 P(EX)
(E)=
(F)=

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

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.99. BOOM BRACKET

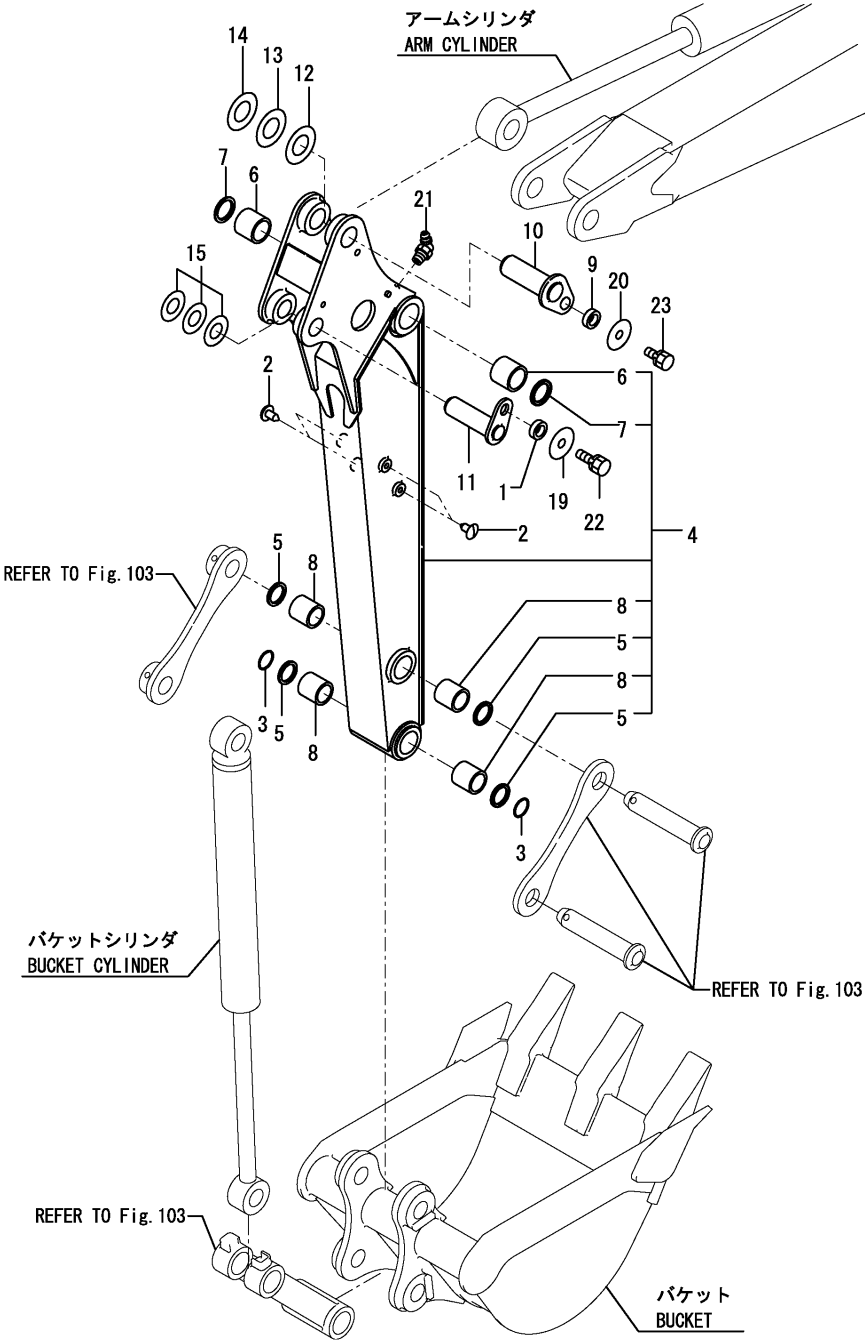


(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=
(D)=VIO20-2 P(EX)
(E)=
(F)=

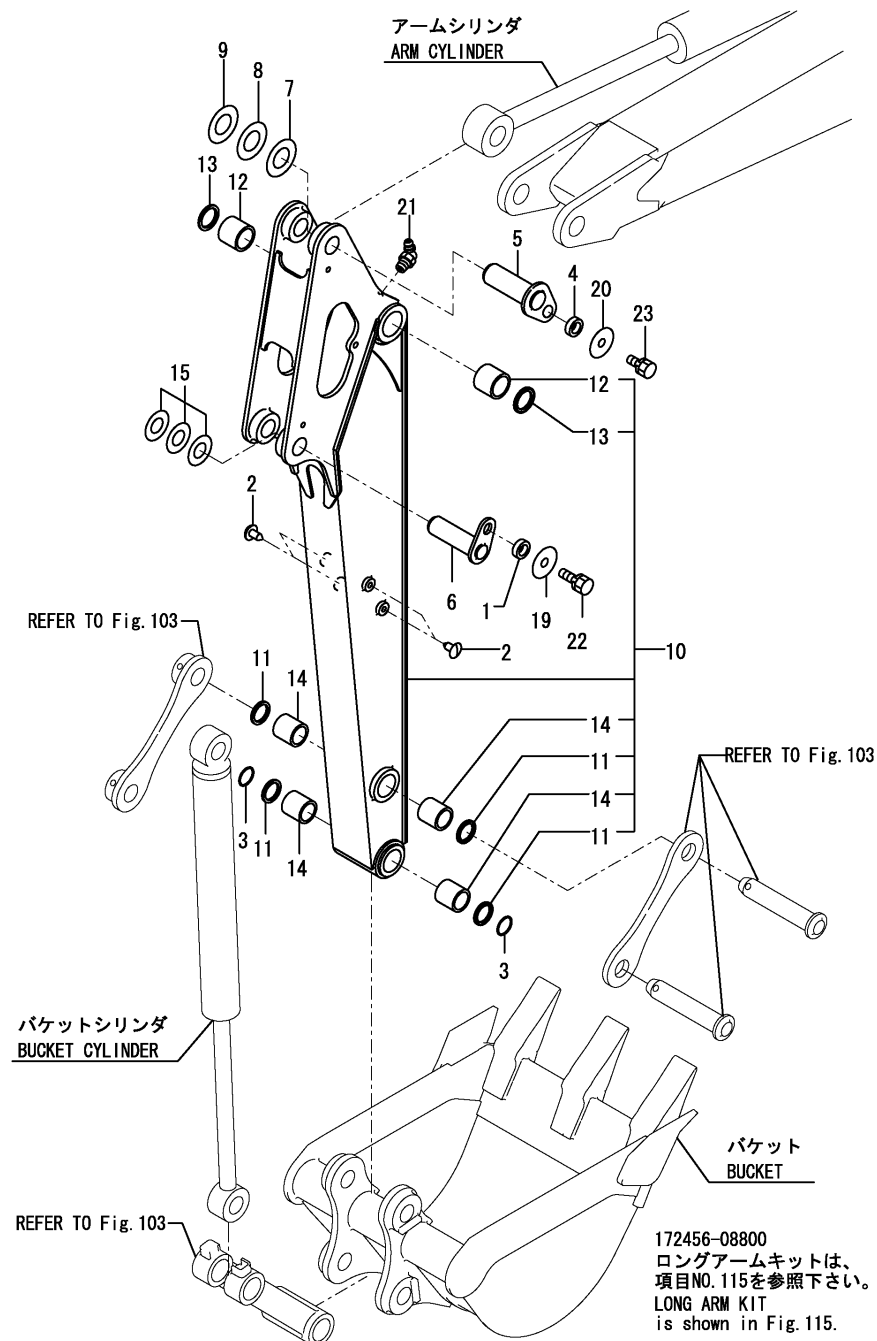
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-81700	SHIM, 50X90X0.8		1						
1-1	1	172165-82530	SHIM (B=M/#25604)	1	1		1				R
2	1	172173-81710	SHIM, 50X90X0.5		1						
2-1	1	172165-82520	SHIM (B=M/#25604)	1	1		1				R
3	1	172456-81900	PIN 40X103	1	1		1				
4	1	172458-81920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

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

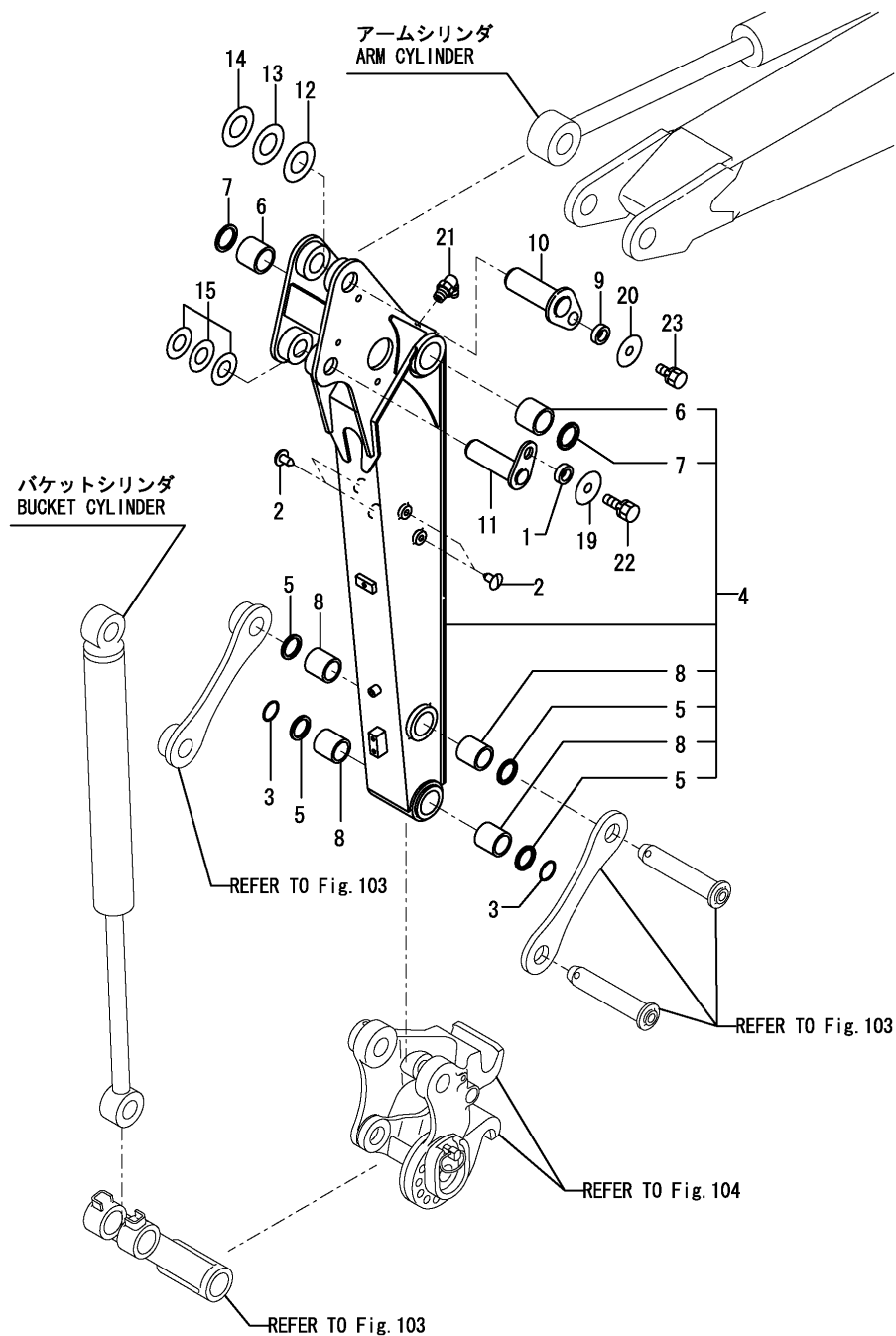
(D)=VIO20-2 P(EX)
(E)=
(F)=



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



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



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



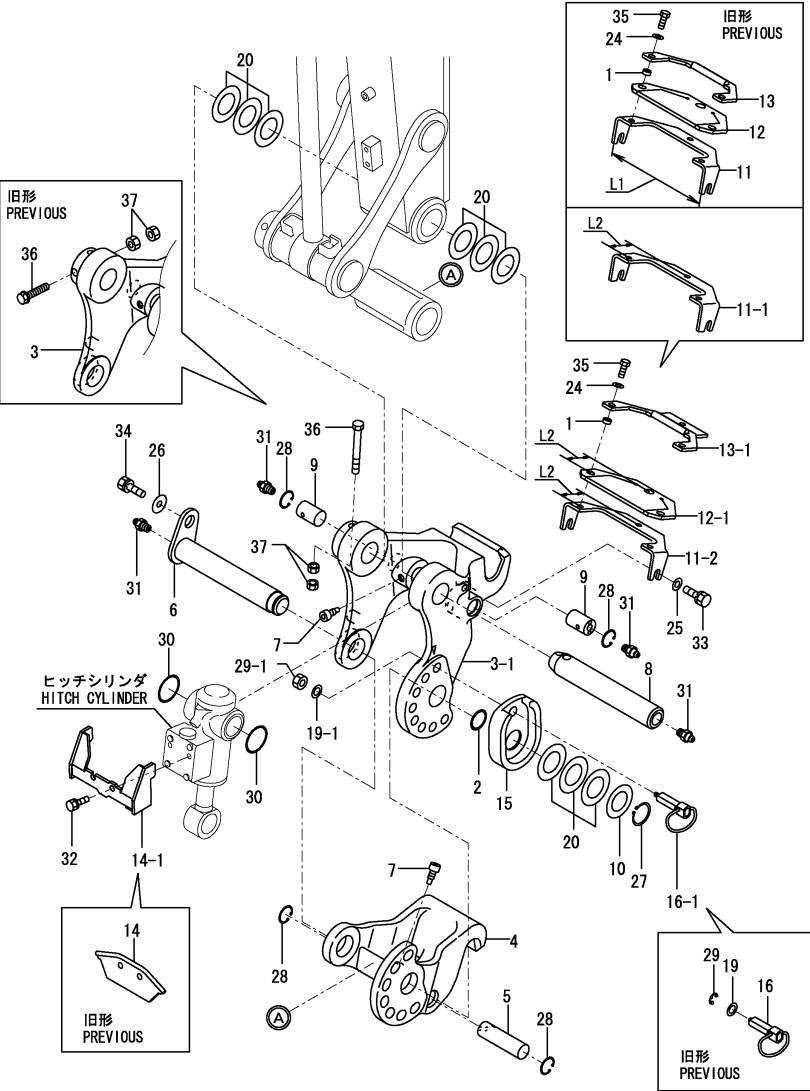
Remarks
(1)INTERCHANGEABLE BY SIMULTANEOUS
REPLACEMENT.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-82700	ARM, BUCKET		1						
1-1	1	172456-82710	ARM, BUCKET	1	1		1			S	1
		(B=M/#22204)									
2	1	172456-82710	ARM, BUCKET		1						
2-1	1	172456-82701	ARM, BUCKET	1	1		1			S	1
		(B=M/#22204)									
3	1	172456-82830	PIN 35X160 ASSY		2						
3-1	1	172456-82831	PIN 35X160 ASSY	2	2		2			S	1
		(B=M/#22204)									
4	1	172141-84402	BUCKET LINK		1						
4-1	1	172141-84403	LINK ASSY,BUCKET(97)	1	1		1			R	
		(B=M/#21637)									
5	2	172141-72561	BUSH (35-45-30	2	2		2				
6	2	172171-81280	SEAL, DUST 35X45X4		6						
6-1	2	172448-81610	SEAL, DUST 35X45X4	6	6		6			R	
		(B=M/#21637)									
7	2	172141-82270	BUSH 35 45	2	2		2				
9	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				
10	1	24761-020000	NIPPLE, GREASE PT1/8	2	2		2				
11	1	26116-100752	BOLT, M10X 75 PLATED		2						
11-1	1	26116-100652	BOLT, M10X 65 PLATED	2	2		2			S	1
		(B=M/#22204)									
12	1	26716-100002	NUT, M10	4	4		4				
13	1	172171-81500	COLLAR, 35X48.6X22	2	2		2			W	1
		(B=M/#22204)									
14	1	172141-84601	SHIM	2	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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(A)=VIO20-2 C(JP)
(B)=VIO20-2 P(JP)
(C)=

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

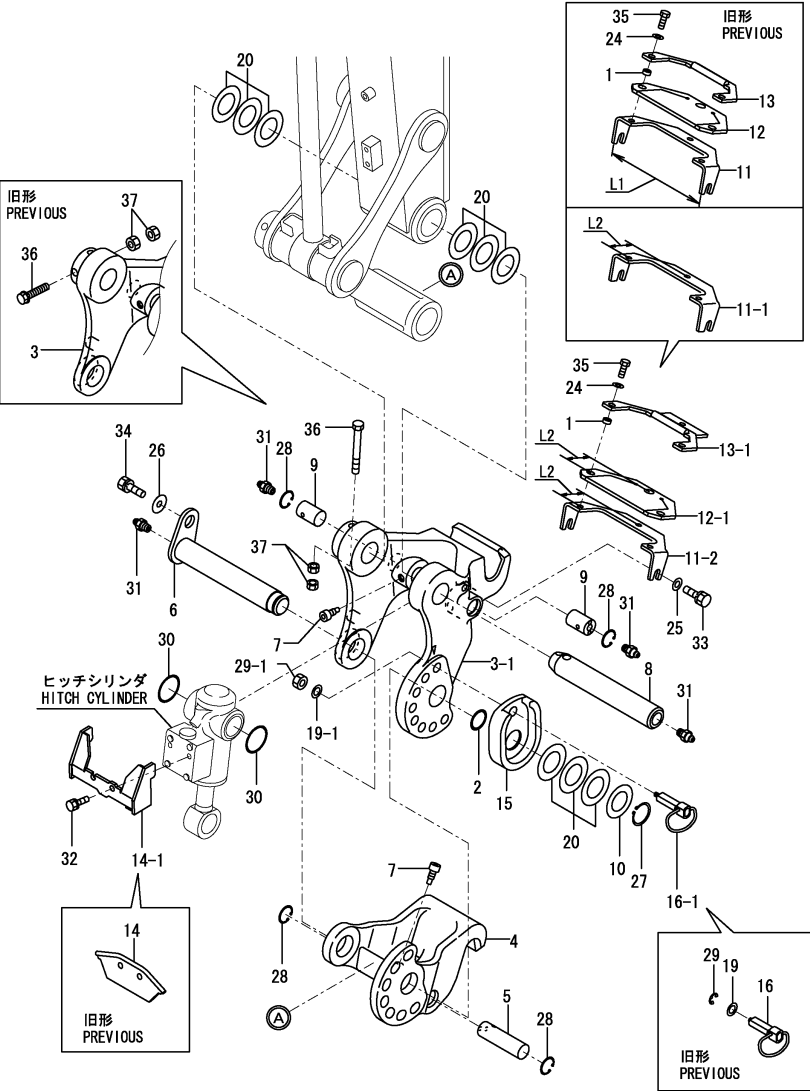


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17120	COLLAR		2						
1-1	1	172958-17120 (B=M/#21004)	COLLAR	3	3		3			K	
2	1	172124-46200	O-RING	1	1		1				
3	1	172956-83100	BRACKET A (GREEN:97)		1						
3-1	1	172956-83101 (B=M/#20945)	BRACKET A (GREEN:97)		1				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

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

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

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



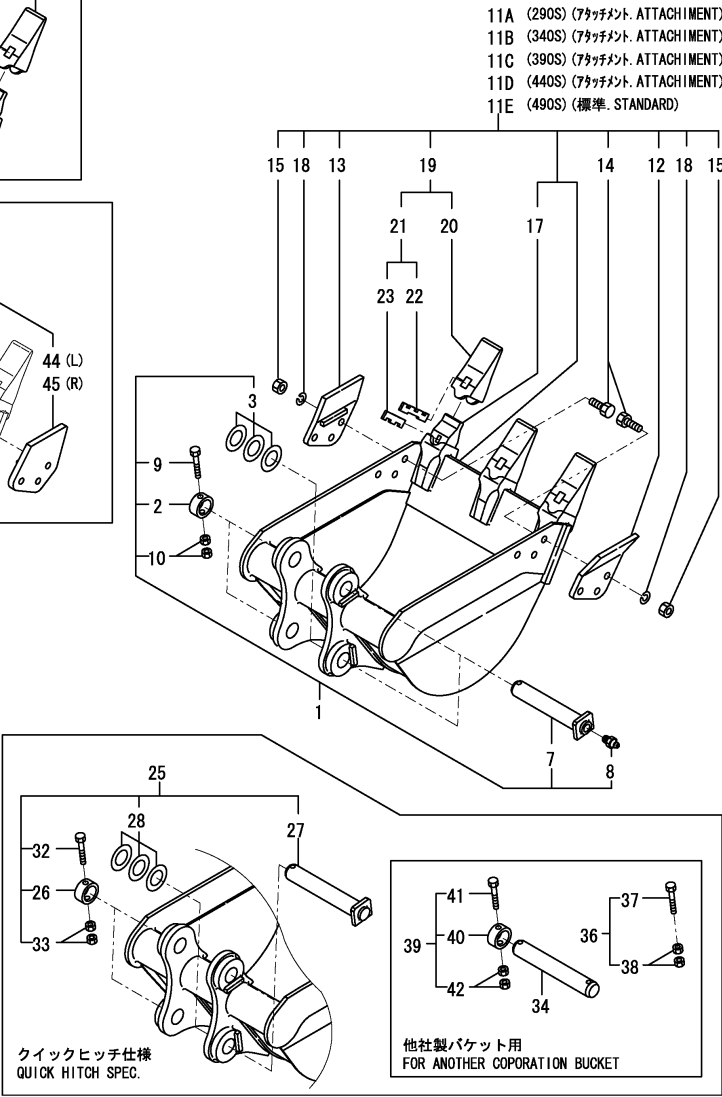
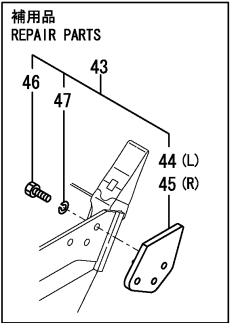
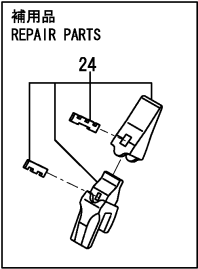
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
27	1	22242-000320	RING, 32	1	1		1				
28	1	22252-000250	RING, 25	4	4		4				
29	1	22273-000060	RING, E- 6			1					
29-1	1	26756-060002 (B=M/#20881)	NUT, LOCK M6	1	1		1			S	1
30	1	24311-000400	O-RING, 1AP40.0	2	2		2				
31	1	24761-020000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

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

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

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

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

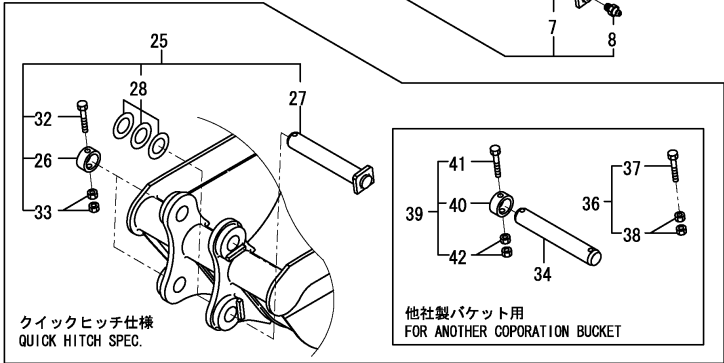
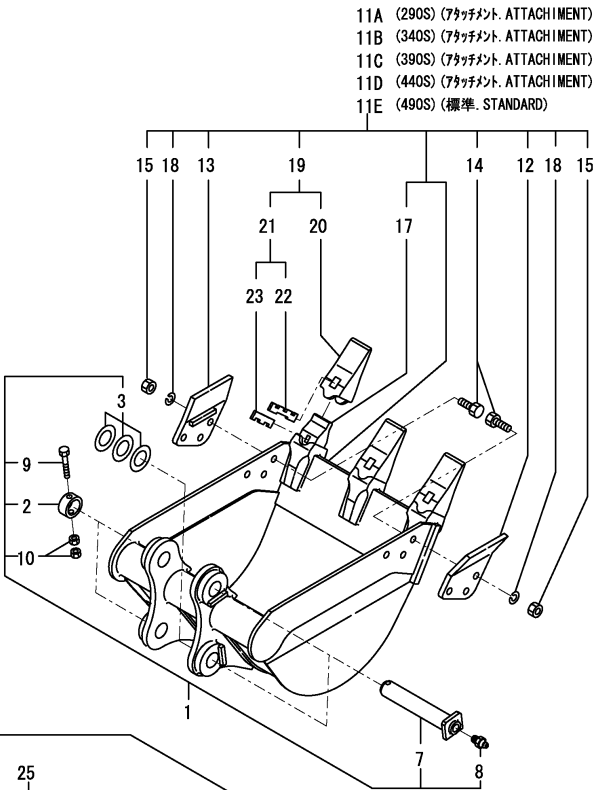
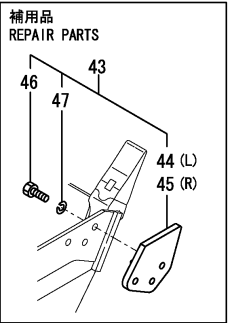
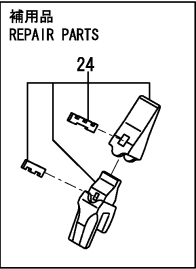


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-82900	PIN KIT, BUCKET	2	2	2	2	2			1
2	2	172171-81500	COLLAR, 35X48.6X22	2	2	2	2	2			
3	2	172141-84601	SHIM	2	2	2	2	2			
7	2	172141-86252-1	PIN 35-195	2	2	2	2	2			
8	2	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2	2			
9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

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

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

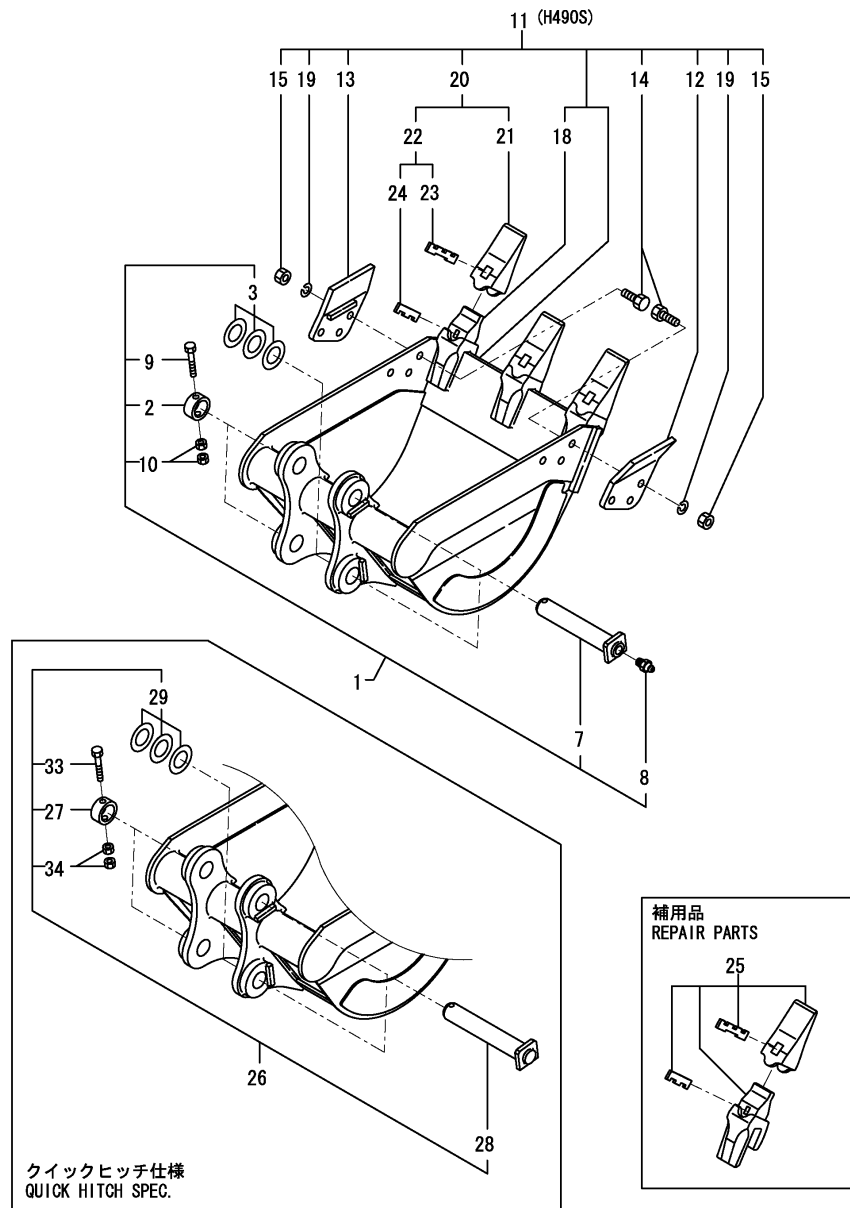
(D)=VIO20-2
(E)=VIO20-2
(F)=



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

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

Fig.106. BUCKET(H-TYPE)



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

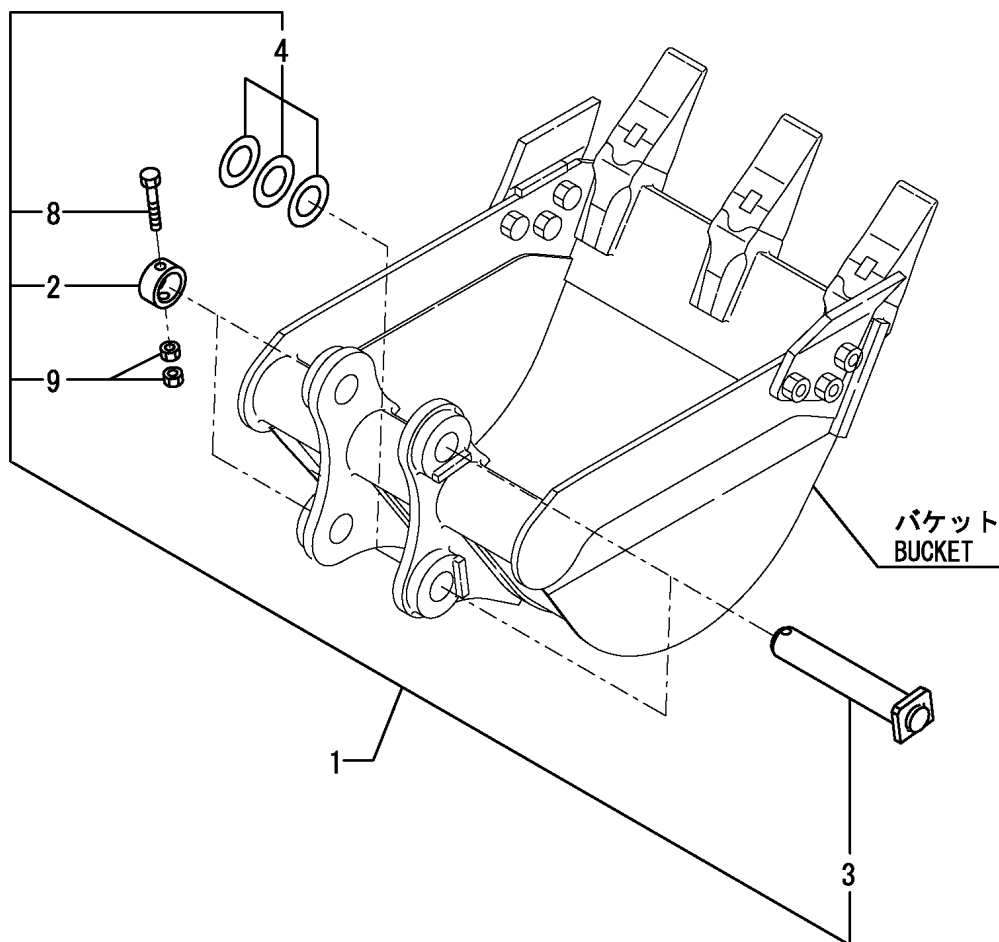
(A)=VIO20-2
(B)=
(C)=

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

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

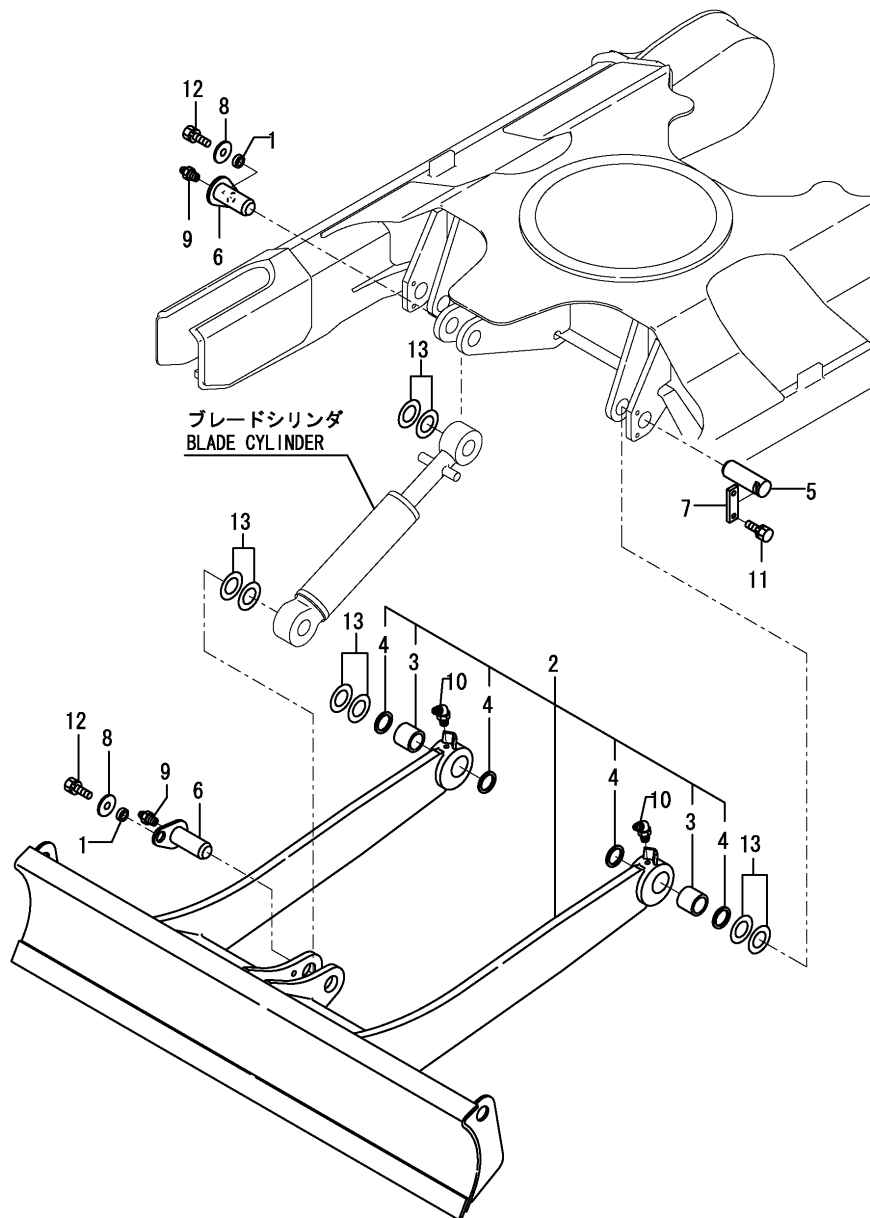
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172956-81600	PIN KIT,BUCKET(QUICK				2				
2	1	172171-81500	COLLAR, 35X48.6X22				2				
3	1	172956-83120	PIN 35-195 ASSY				2				
4	1	172141-84601	SHIM				2				
8	1	26116-100652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

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



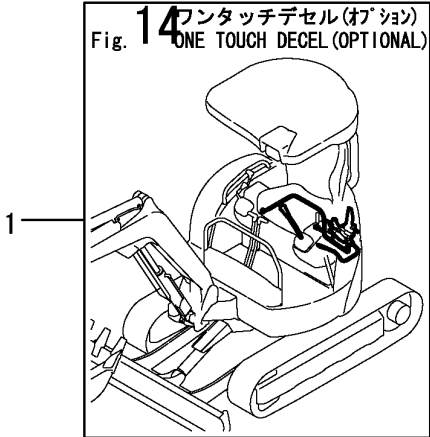
				(A)=VIO20-2 C(JP) (B)=VIO20-2 P(JP) (C)=	(D)=VIO20-2 P(EX) (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	SPACER	2	2		2				
2	1	172456-94100	BLADE (GREEN:88)		1						
2-1	1	172456-94101	BLADE ASSY(GREEN:88)	1	1		1				R
(B=M/#21637)								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

Fig.109. ONE TOUCH DECEL KIT(OPTIONAL)

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

172456-08200
デセルキット
DECEL KIT

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



Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

OCK10-M37602 Fig.109
(A)=VIO20-2 C(JP) (D)=VIO20-2 P(EX)
(B)=VIO20-2 P(JP) (E)=
(C)= (F)=

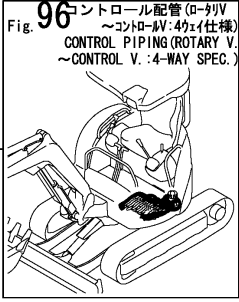
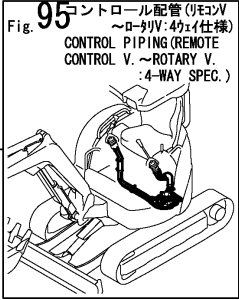
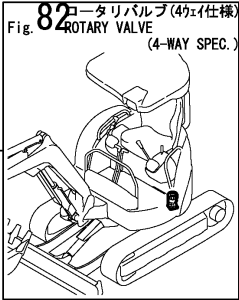
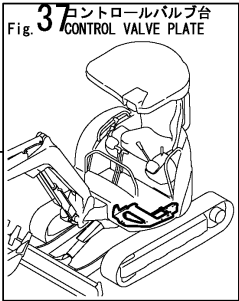
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08200	DECELERATE KIT	1	1						1
2	2	172456-12100	CABLE, ACCELERATOR	1	1						
3	2	172164-12160	LINK B CMP	1	1						
5	3	24550-014200	BUSH, 14X20	1	1						
6	2	172164-12200	SHAFT ASSY	1	1						
7	2	172456-12200	BASE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

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

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

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

1



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

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

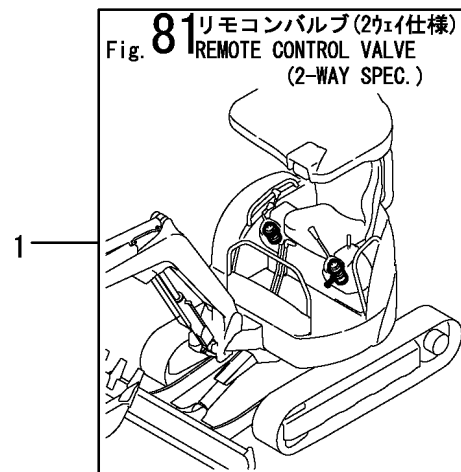
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08510	4-WAY MULTI V.KIT		1						1
1-1	1	172A02-08510	MULTI KIT, 4-WAY (B=M/#22501)	1	1					N	1

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

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

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

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

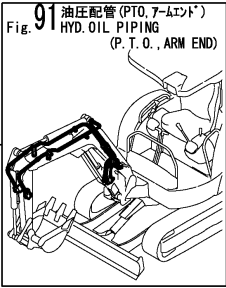
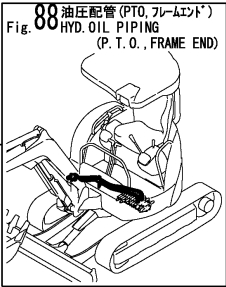
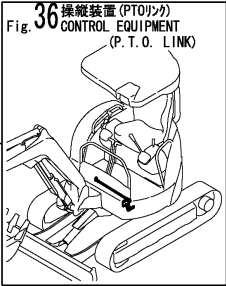
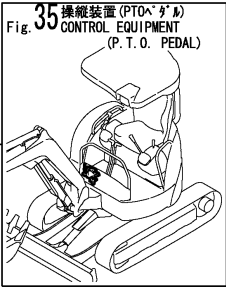


Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

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

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

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



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

1

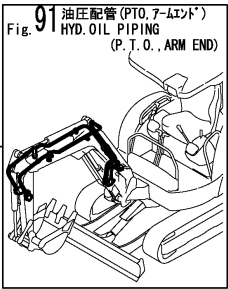
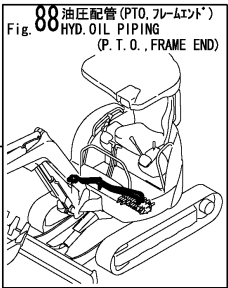
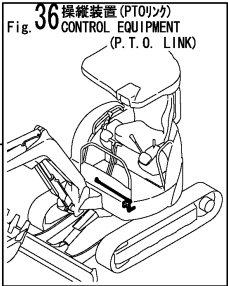
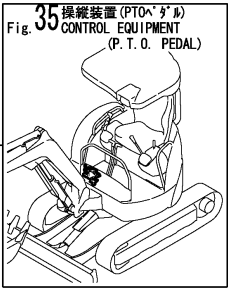
Remarks
(1)Refer to each figure, showing
details of kit parts.

Fig.113. P.T.O. KIT(LONG ARM SPEC.)(OPTIONAL)

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

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

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



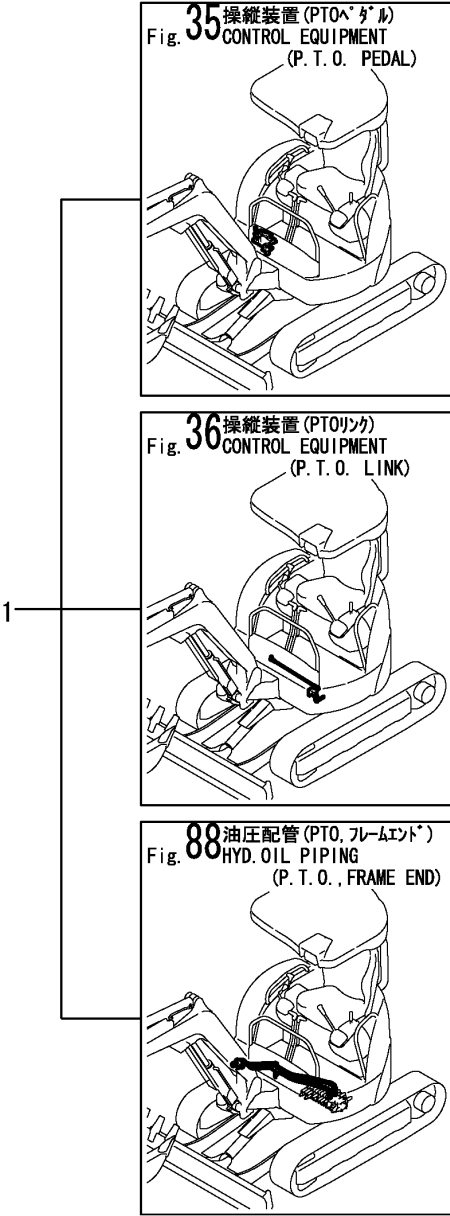
1
P T Oキット (ロングアーム仕様)
P. T. O. KIT (LONG ARM SPEC.)

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

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

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

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



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

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

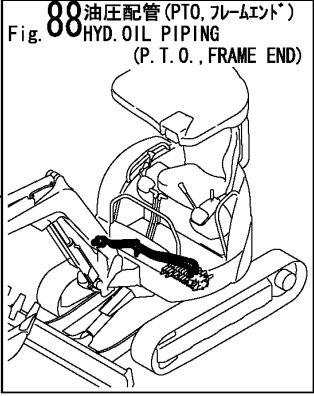
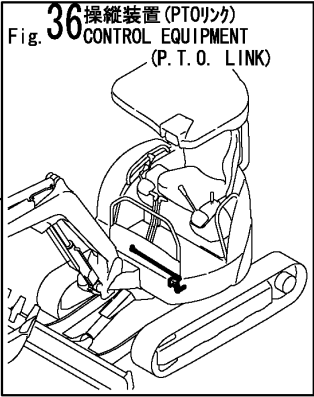
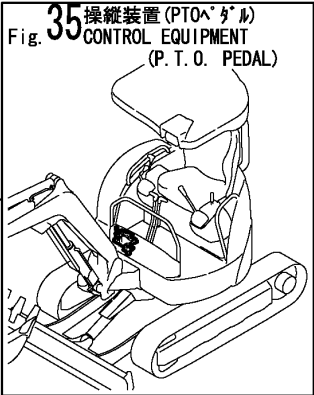
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172456-08720	PTO KIT	1	1						1
2	2	172490-03210	LABEL, P.T.O.	1	1						
3	2	172458-03240	LABEL, LOCK	1	1						
4	2	172068-28490	SPRING	2	2						
5	2	172068-28490	SPRING	2	2						
6	2	172110-36010	COLLAR	2	2						
7	2	194200-37780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

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

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

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

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



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

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

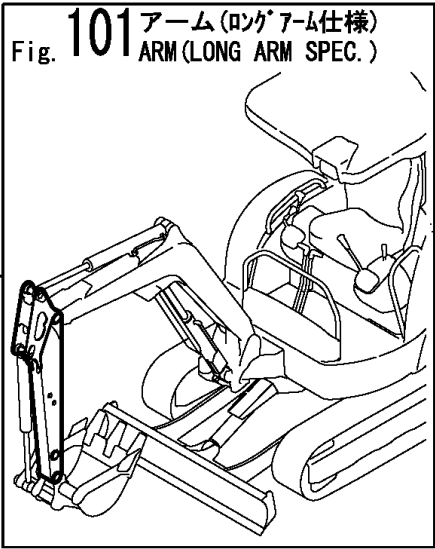
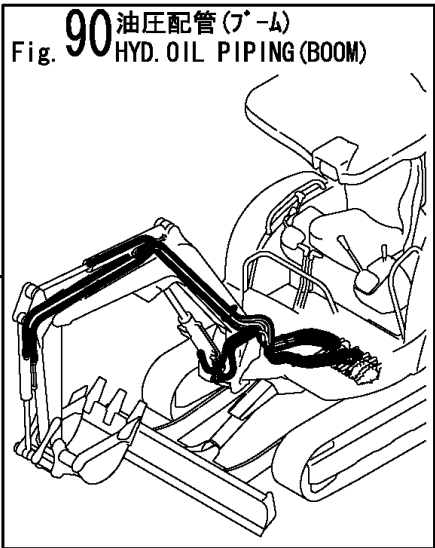
1

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

Fig.115. LONG ARM KIT(OPTIONAL)

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

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



172456-08800
ロングアームキット
LONG ARM KIT

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

Remarks
(1)KIT INNER PARTS ARE NOT
ILLUSTRATED.

Parts No. Index

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

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

Parts No.	Fig. No.	Ref. No.
172124-46200	36	10
	104	2
	114	19
172124-65480	51	18
172124-94310	108	7
172125-03950	5	49
172126-11510	18	37 -1
	20	17
		18
		19
	24	1
	86	22
	94	8
	95	7
172126-16540	18	38
	19	21
	20	20
172131-76150	87	8
172137-12270	13	5
172137-16560	14	15
	18	37
	20	8
	109	15
172137-17631	24	6
172137-46210	21	56
172137-66230	24	17
172137-69850	45	8
	46	23
172137-70490	72	10
172137-70570	72	11
172137-70580	72	12
172137-72452	67	10
172137-72453	67	10 -1
172137-73860	73	5
172137-75570	88	12
	114	35
172137-76580	92	9
172141-03202	1	13
	2	13
	3	13
	6	4
	7	4
	8	4
172141-03360	1	27
	2	26
	3	26
	5	34
172141-37140	26	5
		14
172141-41340	30	1

Parts No.	Fig. No.	Ref. No.
172141-41360	28	3
	33	5
	34	5
	35	10
	114	21
172141-41370	29	5
	30	3
		6
	33	2
	35	6
	36	7
	114	13
		16
172141-50762-1	40	1
172141-50763-3	40	1 -1
172141-50890	39	2
172141-57650	39	11
172141-70110	71	21
172141-70150	71	23
172141-70160	71	24
172141-70410	71	55
172141-70420	71	56
172141-70450	71	16
172141-71520	61	66
	62	84
172141-71550	61	67
		132
	62	85
		129
172141-71560	61	68
	62	86
172141-72250	63	26
	64	26
	66	12 -1
	67	9 -1
	68	12
172141-72420	63	30
	64	27
	68	13
	69	11
172141-72540	67	19
172141-72561	66	14
		21
	67	14
		17
	103	5
172141-73220	61	69
	62	87
172141-73230	61	70
	62	88

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172141-73770	83	4
172141-74430	61	39
		118
	62	57
		118
172141-75430	83	12
172141-75440	83	12 -1
172141-76180	85	5
	86	3
		5
	87	36
	89	7
	92	4
	94	5
	95	5
	96	3
		12
172141-76220	87	15
172141-76920	86	9
172141-77260	72	36
172141-77400	72	51
172141-77800	97	2
172141-82270	100	8
	101	14
	102	8
	103	7
	115	16
172141-84402	103	4
172141-84403	103	4 -1
172141-84601	100	15
	101	15
	102	15
	103	14
	104	20
	105	3
		28
	106	3
		29
	107	4
	115	17
172141-86252-1	105	7
	106	7
172141-94271	108	6
172142-03302	1	25
	2	24
	3	24
	6	11
	7	11
	8	11
172142-62300	41	19

Parts No.	Fig. No.	Ref. No.
172142-72560	65	19
172142-73800	73	7
172142-74590	61	89
172142-74600	61	92
172142-74650	61	90
172142-74660	61	93
172142-74670	61	99
	62	96
172142-76181	84	3
		21
	86	7
	90	2
172142-76270	91	4
172142-76950-4	91	16
172142-77040	91	5
172142-86500	105	43
172142-86510-4	105	44
172142-86520-4	105	45
172142-86540	105	46
172143-72010	63	5
	64	2
	68	2
172143-72400	68	20 -1
	69	13
172146-41320	41	20
172146-61370	41	5 -1
172146-73730	83	5
172146-82910	98	14
172147-03210	2	16
	3	16
172147-70120	71	22
172147-70220	71	3
172147-76260	86	2
172147-77800	97	3
172148-70301	71	14
		25
172148-71580	71	68
172148-72940	65	20
172148-72941	65	20 -1
172148-73350	72	13
172148-73870	73	9
172149-13340	53	7 -1
172149-66550	60	2
172149-83220	105	40
172151-03540	2	41
	3	41
172151-03551	1	38
	2	38
	3	38
	82	20

Parts No.	Fig. No.	Ref. No.
172151-45010	31	1
172151-53430	38	14
172151-74601	82	1
172151-74740	82	4
172151-77801	97	4
172151-81600-4	105	20
	106	21
172151-81620	105	21
	106	22
172151-81630	105	22
	106	23
172151-81640	105	23
	106	24
172155-81260	70	7
172156-11150	42	2
	43	9
172156-65690	52	21
172156-72400	70	2
172156-84440	70	7 -1
172157-03130	1	4
	2	4
	3	4
172157-03740	5	48
172157-13381	16	16
172157-45990	33	22
172157-58830	31	12
172157-76300	84	5
172162-12480	34	1
172162-14200	17	6
172162-15320	53	6 -2
172162-17180	14	20
	109	20
172162-46690	29	8
172162-70780	71	17
172162-76130	88	1
	114	36
172162-76131	85	11
	86	23 -1
172162-76180	87	11
		13
172164-03510	1	30
	2	29
	3	29
	6	14
	7	13
	8	13
172164-03540	1	32
	2	31
	3	31
	6	15

Parts No.	Fig. No.	Ref. No.
172164-03540	7	14
	8	14
172164-12160	14	3
	109	3
172164-12200	14	6
	109	6
172164-45041	31	3
172164-45050	31	4
172164-45061	31	5
172164-45070	31	6
172164-45080	31	8
172164-45090	31	9
172164-45970	32	3
172164-54770	16	40
172164-61250	41	3
	53	12 -1
172164-62431	68	26 -1
172164-66170	51	19
	52	22
172164-66480	48	8
	49	9 -1
	50	9
172164-66630	42	13
172164-66640	53	16
172164-66650	53	12
172164-66800	41	7
172164-73030	61	79
172164-73040	61	80
172164-73380	61	36
	62	54
172164-73390	61	37
	62	55
172164-73470	61	33
	62	51
172164-73490	61	81
172164-73500	61	82
172164-73510	61	38 -1
	62	56 -1
172164-73670	61	29
	62	47
172164-73990	61	38
	62	56
172164-76131	87	4
172164-76330	87	1
172164-81670	98	6
	100	9
	101	4
	102	9
	108	1
	115	6

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172165-03240	1	49
	2	34
	3	34
172165-13220	54	1
172165-18940	16	22
172165-45071	31	7
172165-45490	37	1
		5
172165-45970	28	12
172165-46340	33	23
172165-47550	29	13
172165-47821	31	17
172165-47851	31	10
172165-47871	31	11
172165-47980	29	17
172165-47990	29	18
172165-53480	38	15
172165-53500	38	16
		25
172165-62800	21	53
172165-65460	42	5
	43	11
	61	3
172165-71200	62	3
	68	18
172165-72310	61	95
172165-74740	83	13
172165-75450	83	14
172165-75460	83	15
172165-75481	87	27
172165-78412	87	27
172165-81750	63	18
		22
	64	15
		19
	65	11
		17
	68	16
		19
	100	7
	101	13
	102	7
	115	15
172165-81760	38	23
172165-82520	99	2 -1
172165-82530	99	1 -1
172165-82550	99	10
172165-82560	99	11
172165-82570	99	12
172165-82580	98	11
	99	13

Parts No.	Fig. No.	Ref. No.
172165-82580	99	14
	100	12
	101	7
	102	12
	115	9
172165-82590	98	12
	99	15
		16
	100	13
	101	8
172165-82600	102	13
	115	10
	98	13
	99	17
		18
	100	14
	101	9
	102	14
	115	11
	105	19
172165-86500	106	20
172168-17600	24	4
172168-65750	83	9 -1
172168-71101	61	1
	62	1
172168-71500	61	56
	62	74
	61	57
172168-71510		121
	62	75
		121
172168-71520	61	58
	62	76
172168-71530	61	59
	62	77
172168-71950	71	18
172168-72010	69	2
172168-72020	69	3
172168-72030	69	8
172168-72240	69	18
		21
	108	3
	63	20
	64	17
172168-72390	98	2
172168-72400	98	2
172168-72410	63	17
		21
	64	14
		18
	65	10

Parts No.	Fig. No.	Ref. No.
172168-72410	65	16
172168-73580	72	17
172168-73590	72	19
172168-73600	72	21
172168-81270	69	19
		22
	108	4
	98	3
172171-14610	18	5
172171-54750	38	22
172171-65850	41	6
	53	6
172171-72120	67	8
172171-72130	65	8
	66	12
172171-81270	67	9
	100	3
	101	3
	102	3
	115	5
172171-81280	66	15
		22
	67	15
		18
	100	5
	101	11
	102	5
	103	6
172171-81500	115	13
	103	13
	105	2
		26
	106	2
		27
	107	2
	1	21
	2	42
	3	42
172173-11561	12	2
172173-29100	25	1
172173-37320	25	5
172173-37500-1	25	13
172173-38220	27	6
		13
172173-38300	27	7
		14
172173-61190-1	40	7
172173-61191	40	7 -1
172173-72330	65	12
172173-72351	65	18

Parts No.	Fig. No.	Ref. No.
172173-72352	65	18 -1
172173-72461	66	13
172173-72490	66	16
172173-72512	66	19
172173-72550	66	23
172173-72560	66	24
172173-72570	66	25
172173-73510	72	14
172173-73520	72	15
172173-73570	72	16
172173-73580	72	18
172173-73590	72	20
172173-73600	72	22
172173-73690	72	23
172173-73700	72	24
172173-76101	85	3
		89
		3
		95
		3
	96	9
172173-81700	99	1
172173-81710	99	2
172175-03170	1	40
	6	18
172175-12230	14	10
	109	10
172175-12350	14	11
	109	11
172175-12360	14	12
	109	12
172175-12370	14	13
	109	13
172175-17120	21	10
172175-64810	53	9 -1
172175-65641	42	6
172175-72550	69	16
172175-73700	83	2
172175-73710	83	3
172175-76640	91	12
172175-76750	91	15
172176-07330	11	1
172176-47870	14	23
	109	23
172179-13210	15	7
172179-13211	15	7 -1
172179-73130	61	20
	62	38
172179-73190	61	21
	62	39
172179-73220	61	14
	62	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172179-73250	61	17
	62	35
172179-73270	61	23
	62	41
172179-73280	61	24
		116
	62	42
172179-73400		116
	61	41
	62	59
172179-73430	61	42
	62	60
172179-73460	61	43
	62	61
172179-73510	61	60
	62	78
172179-73540	61	61
		122
	62	79
		122
172183-03250	1	22
	2	21
	3	21
172183-03280	1	36
	2	36
	3	36
	5	22
172183-14250	17	14
172183-16560	24	2
172183-37510	25	14
172183-37520	25	15
172183-57620	39	9
172183-57630	39	10
172183-61360	41	5
172183-65541	16	14
172183-65560	42	12
	43	6
172183-73520	71	43
172183-73560	71	44
172183-73570	71	45
172183-73660	71	46
172183-73670	71	77
172183-73780	71	78
172183-73870	71	79
172183-74820	91	1
172183-75410	83	30
172183-76200	94	7
	96	5
172183-76250	91	10
		27

Parts No.	Fig. No.	Ref. No.
172183-81160	100	2
	101	2
	102	2
	115	4
172183-81170	98	4
172186-13590	40	26
172186-13810	18	1
172186-72480	63	32
	64	32
172186-77100	97	1
172187-14510	17	34
172187-16560	21	52
172187-17070	21	2
172187-17080	21	3
172187-17090	21	4
172187-17100	21	1 -1
172187-17200	21	9
172187-17220	21	12
172187-17280	21	18
		64
172187-17290	21	65
172187-17301	21	66
172187-17320	21	20
		68
172187-17341	21	22
		70
172187-17350	21	23
		71
172187-17360	21	24
		72
172187-17371	21	25
		73
172187-17380	21	26
		74
172187-17470	21	30
		78
172187-17480	21	31
		79
172187-17540	22	3
172187-17560	21	33
172187-17570	21	34
172187-45650	33	20
172187-45651	33	20 -1
172187-45760	30	20
	33	21
172187-45870	30	8
172187-45880	30	9
172187-46400-4	35	19
172187-46430	114	30
	35	20

Parts No.	Fig. No.	Ref. No.
172187-46430	114	31
172187-61421	48	2
	49	3
	50	3
	50	38
172187-64830	21	58
172187-64900	48	18
	49	40
	50	41
	51	15
172187-65210	51	15
172187-75860	61	105
	62	102
172187-75870	61	106
	62	103
172187-75880	61	107
		130
	62	104
		125
172187-75910	61	108
	62	105
172187-75920	61	109
	62	106
172187-76210	93	2
172187-76690	91	10 -1
172190-16500	54	2
172190-17220	14	21
	109	21
172190-45080	14	22
	109	22
172312-17260	85	1
172312-74790	71	80
172312-77820	97	3 -1
172421-37701	26	29
172421-37851	26	24
172421-38110	27	2
		9
172421-38600	27	15
172421-72700	69	1
172421-72710	69	17
172421-72730	69	20
172421-72750	68	20
172421-72770	69	24
172421-73350	71	29
172421-73380	71	58
172421-73400	71	49
172421-76100	89	6
172421-78120	89	14
172421-78130	89	15
172421-78131	89	15 -1
172422-13460	16	19

Parts No.	Fig. No.	Ref. No.
172422-72790	69	25
172422-72791	69	25 -1
172422-76100	84	1
172422-76130	86	1
172422-76140	87	10
172422-76180	88	2
	114	37
172422-78200	86	17
172422-78210	85	10
172422-78760	89	9
172422-94210	108	5
172425-17630	24	7
172433-64510	50	37
172434-61190	52	4
172437-03241	5	14
172437-03250	5	17
	10	2
172437-03300	5	26
	10	6
172437-03310	5	28
	10	7
172437-03321	5	29
	10	8
172437-03341	5	32
	10	9
172437-03351	5	33
	10	10
172437-03360	5	35
	10	11
172437-03371	5	36
	10	12
172437-03380	5	37
	10	13
172437-03390	5	38
	10	14
172437-03401	5	39
	10	15
172437-03411	5	40
	10	16
172437-03421	5	41
	10	17
172437-03431	5	42
	10	18
172437-03460	5	43
	10	19
172437-03470	5	44
	10	20
172437-03500	5	45
172437-03510	1	31
	2	30

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172437-03510	3	30
	5	46
	5	47
	58	6
	56	12
	58	14
	58	15
172437-68310	1	8
	2	8
	3	8
	6	1
	7	1
	8	1
	1	9
172437-68540	2	9
	3	9
	6	2
	7	2
	8	2
	1	11
	2	11
172437-68690	3	11
	6	3
	7	3
	8	3
	1	16
	2	17
	3	17
172437-68710	6	7
	7	7
	8	7
	1	20
	2	20
	3	20
	6	9
172444-03170	7	9
	8	9
	1	24
	2	23
	3	23
	6	10
	7	10
172444-03180	8	10
	1	37
	2	37
	3	37
	82	19
	2	40
	7	17
172444-03190	16	1
172444-03210		
172444-03240		
172444-03280		
172444-03290		
172444-03330		
172444-13210		

Parts No.	Fig. No.	Ref. No.
172444-14130	17	21
	19	11
	17	7
	17	34 -2
	17	18
	17	33
	17	8
172444-14200	17	9
	17	10
	17	11
	17	12
	19	1
	53	11 -1
	18	
172444-14260	52	3
	53	2
	9	
	51	3
	73	1
	73	2
	73	4
172444-14270	73	3
	73	6
	87	9
	84	7
	94	22
	95	17
	98	15
172444-14410	1	42
	1	44
	1	45
	6	20
	49	18
	21	
	50	17
172444-14450	54	9
	83	21 -1
	17	5
	77	12
	74	3
	77	13
	15	
172444-14460	80	5
	83	16
	38	23 -1
	63	18 -1
	22	-1
	64	15 -1
	19	-1
172444-14470	65	11 -1
172444-14480		
172444-14490		
172444-16110		
172444-54910		
172444-54920		
172444-64730		
172444-73802		
172444-73810		
172444-73831		
172444-73840		
172444-73880		
172444-76150		
172444-76400		
172444-78800		
172444-82990		
172445-03180		
172445-03220		
172445-03230		
172445-62010		
172446-75250		
172447-14160		
172447-74221		
172447-74230		
172447-74820		
172447-75600		
172448-54120		
172448-72650		

Parts No.	Fig. No.	Ref. No.
172448-72650	65	17 -1
	68	16 -1
		19 -1
	100	7 -1
	101	13 -1
	102	7 -1
	115	15 -1
172448-74710	80	3
172448-74720	81	4
172448-74730	81	38
172448-74740	80	9
172448-74750	80	10
172448-74760	80	11
	81	9
172448-74770	80	12
	81	10
172448-74780	80	13
	81	11
172448-74790	80	4
		22
	81	12
172448-74810	81	13
172448-74820	81	14
172448-74830	80	6
	81	15
172448-74860	81	16
172448-74870	81	17
172448-74880	81	18
172448-74910	80	14
	81	19
172448-74920	80	15
	81	20
172448-74930	80	16
	81	21
172448-74950	80	17
	81	22
172448-74960	80	18
	81	23
172448-74970	80	19
	81	24
172448-74980	81	25
172448-74990	81	26
172448-81610	66	15 -1
		22 -1
	67	15 -1
		18 -1
	100	5 -1
	101	11 -1
	102	5 -1
	103	6 -1

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172455-75290	83	17
172455-75300	83	18
172455-75320	83	28
172455-75330	83	29
172455-76220	93	9
172455-79770	90	11 A
		12 A
172456-03110	2	2
	3	2
172456-03111	2	2 -1
	3	2 -1
172456-03112	1	2
	2	2 -2
	3	2 -2
172456-03120	1	3
	2	3
	3	3
172456-03150	1	6
	2	6
	3	6
	5	4
172456-03170	1	41
	6	19
172456-08200	14	1
	109	1
172456-08510	110	1
172456-08600	48	1 -1
	49	1 -1
	50	1 -1
172456-08700	112	1
172456-08701	112	1 -1
172456-08710	113	1
172456-08711	113	1 -1
172456-08720	114	1
172456-08800	115	1
172456-11310	12	1
172456-11480	12	5
172456-11490	12	6
172456-11500	12	7
172456-11510	12	8
172456-11520	12	13
172456-11590	12	9
172456-11600	12	10
172456-12100	14	2
	109	2
172456-12110	13	2
172456-12111	13	2 -1
172456-12120	13	3
172456-12160	13	4
172456-12200	14	7

Parts No.	Fig. No.	Ref. No.
172456-12200	109	7
172456-13100	15	1
172456-13110	15	2
172456-13120	15	3
172456-13130	15	4
172456-13140	15	5
172456-13150	15	6
172456-13300	16	5
172456-13310	16	6
172456-13320	16	7
172456-13330	16	8
172456-13340	16	10
172456-13341	16	10 -1
172456-13350	16	15
172456-13380	16	17
172456-13381	16	17 -1
172456-13450	16	18
172456-13451	16	18 -1
172456-13460	16	20
172456-13470	16	12
172456-13480	16	13
		13 -1
172456-13500	16	21
172456-13501	16	21 -1
172456-14150	17	4
172456-14300	17	24
172456-14330	17	26
172456-14340	17	20
172456-14341	17	20 -1
172456-14610	18	6
172456-14630	18	11
172456-14650	17	34 -1
172456-14660	14	14
	109	14
172456-16100	19	10
172456-16101	19	10 -1
172456-16200	19	3
172456-16210	19	6
172456-16500	20	1
172456-16501	20	1 -1
172456-16502	20	1 -2
172456-16520	20	6
172456-16521	20	6 -1
172456-16522	20	6 -2
172456-16523	20	6 -3
172456-16524	20	6 -4
172456-16525	20	6 -5
172456-16530	20	7
172456-17400	22	1
172456-17401-1	22	1 -1

Parts No.	Fig. No.	Ref. No.
172456-17600	24	5
172456-17650	24	9
172456-17700	24	10
172456-37100	26	2
172456-37110	26	11
172456-37120	26	3
		12
172456-37130	26	4
		13
172456-37140	26	6
		15
172456-37320	25	6
172456-37500	25	10
172456-37800	26	19
172456-37801	26	19 -1
172456-38100	27	1
172456-38110	27	5
172456-38120	27	8
172456-38130	27	12
172456-38300	27	16
172456-38310	27	21
172456-45010	31	2
172456-45100	30	2
172456-45140	30	5
172456-45160	33	28
172456-45170	36	4
	114	10
172456-45800	32	9
172456-50100	39	1
172456-50101	39	1 -1
172456-50102	39	1 -2
172456-50800	39	4
172456-50830	39	5
172456-53300	38	1
172456-53320	38	6
172456-53340	38	10
172456-53360	38	13
172456-53700	38	14 -1
172456-54090	38	21 -2
172456-54100	38	21
172456-54101	38	21 -1
172456-57600	39	8
172456-61100	40	2
172456-61110	40	3
172456-61130	40	5
172456-61150	41	1
172456-61151	41	1 -1
172456-61152	41	1 -2
172456-61153-2	41	1 -3
172456-61200	40	8

Parts No.	Fig. No.	Ref. No.
172456-61260	40	21
172456-61340	41	4
172456-61400	43	1
172456-61480	42	8
	43	3
172456-61490	42	9
	43	4
172456-61500	42	10
	43	5
172456-61690	43	8
172456-61730	42	1
172456-61800	42	7
172456-61962	44	1
172456-61963	44	1 -1
172456-62100	45	1
	46	1
172456-62170	45	2
	46	3
172456-62200	46	19
172456-62210	46	21
172456-62230	46	25
172456-62300	45	5
172456-62310	45	14
172456-62320	45	6
172456-62500	46	6
172456-62510	46	24
172456-62520	45	15
172456-62800	46	15
172456-64430	49	10
172456-64431	48	9
	49	10 -1
172456-64440	48	12
	49	13
	50	10
172456-64550	49	17
172456-64640	41	21
172456-64650	49	20
172456-64760	49	9
172456-64800	49	17 -1
	50	16
172456-64850	50	19
172456-65150	51	12
172456-65170	51	13
172456-65171	51	13 -1
172456-65190	51	14
172456-65300	52	2
172456-65301	52	2 -1
172456-65440	52	7
172456-65450	52	8
172456-65460	52	9

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172456-65461	52	9 -1
172456-65500	52	10
172456-65510	52	11
172456-65511	52	11 -1
172456-65511-3	52	11 -2
172456-65520	52	12
172456-65700	53	1
172456-65701	53	1 -1
172456-65750	53	8
172456-65751	53	8 -1
172456-65770	53	13
172456-65790	53	4
		4 -1
172456-65800	53	5
		5 -1
		5 -2
172456-65820	53	17
172456-65850	53	15
172456-65860	53	7
172456-67210	38	26
172456-67940	56	22 D
172456-68010	55	39
172456-68020	56	9
172456-68030	58	2
172456-68040	58	27
172456-68050	58	28
172456-68060	58	26
172456-68070	58	21
172456-68080	58	24
172456-68090	58	25
172456-68100	58	3
172456-68110	56	15
172456-68140	56	2
172456-68150	56	5
172456-68160	56	13
172456-68170	56	14
172456-68180	56	3
172456-68190	56	16
172456-68200	56	17
172456-68270	58	22
172456-68280	58	30
172456-68290	58	34
172456-68310	55	2
172456-68320	58	1
172456-68330	57	1
172456-68340	55	43
172456-68350	56	18
172456-68360	55	40
172456-68370	55	26
172456-68380	55	37

Parts No.	Fig. No.	Ref. No.
172456-68390	55	29
172456-68400	55	1
172456-68430	56	23
172456-68440	56	24
172456-68450	56	22
172456-68451	56	22 -1
172456-68461	56	22 E
172456-68471	56	22 F
172456-68480	56	25
172456-68490	56	28
172456-68500	55	35
172456-68510	55	18
172456-68530	55	16
172456-68550	55	32
	58	19
172456-68560	55	41
172456-68570	58	13
172456-68600	56	26
172456-68610	56	1
172456-68620	55	11
172456-68630	55	42
172456-68640	55	13
172456-68650	55	7
		8
172456-68660	55	19
172456-68670	55	17
172456-68680	55	20
172456-68720	55	10
172456-68730	55	15
172456-68750	55	6
172456-68760	55	44
172456-68770	55	28
172456-68780	55	21
	58	9
172456-68790	55	31
172456-68800	55	22
	58	11
		12
172456-68810	54	6
172456-68820	54	7
172456-68830	55	27
172456-68840	58	20
172456-68850	55	34
172456-68860	55	12
172456-68870	55	4
172456-68880	55	30
172456-68900	54	8
172456-68930	55	5
	57	3
172456-68950	55	23

Parts No.	Fig. No.	Ref. No.
172456-68950	55	25
	57	15
	58	16
172456-68960	55	9
172456-68970	55	3
172456-68980	55	36
172456-69010	57	23
172456-69020	57	31
172456-69030	57	30
172456-69040	57	26
172456-69050	57	25
172456-69060	57	22
172456-69070	57	21
172456-69080	57	20
172456-69090	57	4
172456-69170	56	27
172456-69180	56	20
172456-69190	56	19
172456-69200	56	21
172456-69210	56	10
172456-69220	56	11
172456-69230	56	8
172456-69240	57	10
172456-69300	55	38
172456-69310	55	14
	57	12
172456-69370	58	29
172456-69380	58	17
172456-69390	58	8
172456-69410	58	23
172456-69420	58	10
172456-69430	58	18
172456-69460	57	24
172456-69550	58	31
172456-69551	58	31 -1
172456-69560	58	32
172456-69561	58	32 -1
172456-69570	58	33
172456-69580	58	35
172456-69630	57	27
172456-69640	57	28
172456-69650	57	29
172456-69690	57	17
172456-69720	57	18
172456-69750	57	8
172456-69760	57	9
172456-69770	57	5
172456-69780	57	14
172456-69830	57	11
172456-69840	57	13

Parts No.	Fig. No.	Ref. No.
172456-69840	58	7
172456-69900	57	2
172456-69910	56	7
	57	7
172456-69920	57	19
172456-69930	57	16
172456-69940	57	6
172456-69980	56	6
172456-69990	56	4
	58	4
172456-72010	63	8
	64	5
172456-72020	65	2
172456-72030	66	2
172456-72031	66	2 -1
172456-72040	66	8
172456-72050	68	5
172456-72100	64	1
172456-72110	63	16
	64	13
172456-72130	63	19
	64	16
172456-72170	64	20
172456-72190	63	23
	64	23
	68	11
172456-72200	63	1
	64	29
172456-72300	65	1
172456-72310	65	9
172456-72330	65	15
172456-72500	66	1
172456-72501	66	1 -1
172456-72502	66	1 -2
172456-72510	66	20
172456-72511-4	66	20 -1
172456-72512	66	20 -2
172456-72560	66	13 -1
172456-72561	66	13 -2
172456-72580	66	19 -3
172456-72590	66	20 -3
172456-72600	66	13 -3
172456-72700	68	1
172456-72710	68	14
172456-72740	68	17
172456-72790	68	24
172456-72830	68	26
172456-73050	71	88
172456-73070	61	112
	62	109

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172456-73100	61	5
172456-73110	61	6
	62	6
172456-73120	61	7
	62	7
172456-73130	61	8
	62	8
172456-73140	61	9
		113
	62	9
		110
172456-73150	61	10
		114
	62	10
		111
172456-73160	61	11
	62	11
172456-73170	61	12
	62	12
172456-73180	61	13
	62	13
172456-73280	61	22
	62	40
172456-73290	61	25
	62	43
172456-73300	71	1
172456-73310	72	1
172456-73320	71	89
172456-73330	71	52
172456-73340	71	20
172456-73350	71	30
172456-73360	71	31
172456-73370	71	32
172456-73380	71	33
172456-73390	71	34
172456-73400	71	35
172456-73410	71	36
172456-73420	71	37
172456-73430	71	39
172456-73440	71	40
172456-73450	71	41
172456-73460	71	50
172456-73490	71	59
172456-73500	71	63
172456-73510	71	65
172456-73520	71	66
172456-73540	71	67
172456-73550	71	69
172456-73560	71	70
172456-73570	71	76

Parts No.	Fig. No.	Ref. No.
172456-73580	61	83
	62	18
172456-73590	61	84
	62	19
172456-73600	61	27
	62	45
172456-73610	61	28
		117
	62	46
		117
172456-73650	61	40
	62	58
172456-73660	61	44
	62	62
172456-73670	61	45
	62	63
172456-73680	61	46
	62	64
172456-73690	61	47
	62	65
172456-73700	61	48
	62	66
172456-73710	61	49
	62	67
172456-73720	61	50
	62	68
172456-73730	61	51
	62	69
172456-73740	61	55
	62	73
172456-73750	61	62
	62	80
172456-73770	61	63
	62	81
172456-73790	61	65
	62	83
172456-73800	61	71
	62	89
172456-73810	61	72
	62	90
172456-73840	61	73
	62	91
172456-73850	61	74
	62	92
172456-73860	61	78
172456-73870	62	20
172456-73880	61	85
	62	21
172456-73890	62	22
172456-73900	61	86

Parts No.	Fig. No.	Ref. No.
172456-73900	62	23
172456-73910	62	24
172456-73920	62	25
172456-73930	61	87
		125
	62	26
		112
172456-73940	62	27
172456-73950	62	28
172456-73960	61	88
		126
	62	29
		113
172456-73970	62	30
172456-74100	74	1
172456-74110	79	1
172456-74120	79	2
172456-74130	78	2
172456-74140	78	3
172456-74150	77	2
172456-74160	77	4
172456-74170	76	1
172456-74180	76	5
172456-74190	75	1
172456-74200	37	6
172456-74230	75	5
172456-74240	75	15
172456-74250	75	20
172456-74260	74	4
172456-74270	78	16
172456-74280	74	17
	75	25
172456-74290	77	16
172456-74310	78	1
172456-74320	77	1
172456-74330	77	14
172456-74350	76	14
172456-74370	75	14
172456-74380	74	2
172456-74390	74	16
172456-74400	76	15
172456-74410	74	7
172456-74420	74	8
172456-75390	83	11
172456-75430	61	100
	62	97
172456-75440	61	101
	62	98
172456-75450	61	102
	62	99

Parts No.	Fig. No.	Ref. No.
172456-75460	61	103
	62	100
172456-75480	61	104
	62	101
172456-76100	87	2
172456-76250	91	2
172456-76260	91	3
172456-76600	91	11
172456-76601	91	11 -1
172456-76650	91	13
172456-76651	91	13 -1
172456-76700	91	6
172456-76800	88	5
	114	38
172456-76880	88	6
	114	39
172456-77050	72	52
172456-77100	72	2
172456-77110	72	3
172456-77130	72	7
172456-77140	72	9
172456-77150	72	25
172456-77160	72	26
172456-77170	72	27
172456-77180	72	28
172456-77190	72	29
172456-77200	72	30
172456-77210	72	31
172456-77220	72	32
172456-77230	72	33
172456-77240	72	34
172456-77250	72	35
172456-77270	72	37
172456-77280	72	38
172456-77290	72	39
172456-78100	84	14
172456-78101	84	14 -1
172456-78111	84	15
172456-78120	84	16
172456-78130	84	17
172456-78140	85	9
172456-78150	86	15
172456-78160	87	20
172456-78170	86	16
172456-78180	90	6
172456-78190	90	7
172456-78200	86	18
172456-78210	86	19
172456-78220	90	9
172456-78230	90	10

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172456-78241	90	11
172456-78251	90	12
172456-78260	87	21
172456-78270	87	22
172456-78280	87	23
172456-78290	89	16
172456-78291	89	16 -1
172456-78300	89	17
172456-78301	89	17 -1
172456-78310	89	18
172456-78311	89	18 -1
172456-78312	89	18 -2
172456-78320	95	8
172456-78330	95	9
172456-78340	95	10
172456-78350	93	5
172456-78360	93	6
172456-78370	95	11
172456-78380	95	12
172456-78390	95	13
172456-78400	95	14
172456-78410	93	7
172456-78420	96	15
172456-78430	94	13
172456-78440	94	14
172456-78450	94	15
172456-78460	94	16
172456-78470	94	17
172456-78500	94	20
172456-78510	90	16
	115	3
172456-78900	91	26
172456-78910	91	21
172456-78920	91	22
172456-78930	91	23
172456-78940	91	24
172456-78950	91	25
172456-78960	88	9
	114	40
172456-78970	88	10
	114	41
172456-81090	98	1 -4
172456-81100	98	1
172456-81101	98	1 -1
172456-81102	98	1 -2
172456-81103	98	1 -3
172456-81450	98	5
172456-81500	100	4
172456-81650	100	6
	101	12

Parts No.	Fig. No.	Ref. No.
172456-81650	102	6
	115	14
172456-81710	98	8
172456-81740	98	9
172456-81770	100	10
	101	5
	102	10
	115	7
172456-81810	100	11
	101	6
	102	11
	115	8
172456-81900	99	3
172456-82100	105	11 A
172456-82101	105	11 A-1
172456-82170	105	11 B
172456-82171	105	11 B-1
172456-82240	105	11 C
172456-82241	105	11 C-1
172456-82300	99	5
172456-82330	99	6
172456-82340	99	7
172456-82360	99	8
172456-82400	99	9
172456-82420	105	11 D
172456-82421	105	11 D-1
172456-82500	105	11 E
172456-82501	105	11 E-1
172456-82700	103	1
172456-82701	103	2 -1
172456-82710	103	1 -1
		2
172456-82750	106	11
172456-82830	103	3
172456-82831	103	3 -1
172456-82900	105	1
	106	1
172456-83200	101	10
	115	12
172456-94090	108	2 -2
172456-94100	108	2
172456-94101	108	2 -1
172457-46800	28	2 -2
172457-46801	28	2 -3
172457-65100	51	6
172457-65110	51	9
172457-65120	51	11
172457-68950	55	24
172457-72050	67	2
172457-72190	63	24

Parts No.	Fig. No.	Ref. No.
172457-72190	64	24
172457-72200	63	25
	64	25
172457-72230	63	2
	64	30
172457-72240	63	3
	64	31
172457-74190	78	4
172457-78200	90	8
172458-03130	1	5
	2	5
	3	5
172458-03140	2	39
	5	2
172458-03160	1	7
	2	7
	3	7
	5	5
172458-03180	2	10
172458-03181	1	10
	2	10 -1
	3	10
172458-03190	1	12
	2	12
	3	12
172458-03200	1	15
	2	15
	3	15
	6	6
	7	6
	8	6
172458-03210	1	17
	2	18
	3	18
	6	8
	7	8
	8	8
172458-03220	1	18
	2	19
	3	19
	5	12
172458-03230	2	47
	3	43
172458-03231	1	19
	2	47 -1
	3	43 -1
172458-03240	1	50
	2	48
	4	11
	5	15

Parts No.	Fig. No.	Ref. No.
172458-03240	35	1
	114	3
172458-03260	1	46
172458-03270	2	43
	35	40
172458-03550	2	44
	81	29
	111	2
172458-03560	2	45
	81	30
	111	3
172458-03570	2	46
	7	19
	81	31
	111	4
172458-08530	111	1
172458-08540	81	32
	111	5
172458-12100	13	1
172458-13320	16	22 -1
172458-13390	16	40 -1
172458-14201	17	13
172458-14202	17	13 -1
172458-14340	17	35
172458-14370	17	23
172458-16110	19	2
172458-16300	19	14
172458-16550	20	3
172458-16560	20	9
172458-16561	20	9 -1
172458-17100	21	1
172458-17150	21	83
172458-17161	21	85
172458-17171	21	81
172458-17250	21	61
172458-17400	23	1
172458-17410	23	3
172458-17420	23	2
172458-17450	22	2
172458-17500	21	16
172458-17551	24	3
172458-17700	24	14
172458-45180	33	1
172458-45200	33	4
172458-45230	33	7
172458-45250	30	24
172458-45400	30	18
172458-45401	30	18 -1
172458-45402-1	30	18 -2
172458-45500	41	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-45510	30	19
172458-45520	33	18
172458-45521	33	18 -1
172458-45540	33	19
172458-45600	37	2
172458-45660	30	14
172458-45700	32	1
172458-45720	32	2
172458-45810	32	10
172458-45850	29	2
172458-45900	34	3
172458-45920	34	4
172458-45950	34	7
172458-46100	36	6
	114	12
172458-46120	35	5
172458-46121	35	5 -1
	114	15
172458-46150	36	9
	114	18
172458-46230	35	9
	114	20
172458-46280	35	13
	114	24
172458-46290	35	14
	114	25
172458-46350	35	15
	114	26
172458-46370	35	16
172458-46371	35	16 -1
	114	27
172458-46380	35	18
	114	29
172458-46600	29	4
172458-46720	21	35
	47	1
		2
		3
172458-46730	28	1
	29	9
172458-46790	28	5
		5 -1
172458-46800	28	2
172458-46801	28	2 -1
172458-46950	28	21
172458-47020	28	7
		7 -1
172458-47030	28	8
		8 -1
172458-47601	29	14

Parts No.	Fig. No.	Ref. No.
172458-47620	29	15
172458-47621	29	15 -1
172458-47640	29	16
172458-47680	28	13
172458-47710	28	14
172458-50480	39	2 -1
172458-53330	38	9
172458-53370	38	4
172458-61110	40	4
172458-61150	40	6
172458-61260	40	24
172458-61261	40	24 -1
172458-61300	41	18
172458-61350	40	25
172458-61351	40	25 -1
172458-61500	52	5
172458-61540	41	10
172458-61600	43	7
172458-62110	46	2
172458-62430	45	7
	46	22
172458-63100	47	4
		14
172458-63110	47	6
		13
172458-63120	47	7
172458-63130	47	8
172458-63140	47	9
172458-63470	24	16
172458-63580	54	4
172458-63900	54	5
172458-64140	42	4
	43	12
172458-64510	48	15
	49	16
	50	13
172458-64590	48	16
	49	37
	50	14
172458-64600	48	17
	49	38
		38 -1
	50	15
		15 -1
172458-64610	42	19
	43	18
172458-65050	51	4
172458-65060	51	5
172458-65070	51	7
172458-65080	51	8

Parts No.	Fig. No.	Ref. No.
172458-65270	51	16
172458-65271	51	16 -1
172458-65530	52	13
172458-65540	52	14
172458-65560	52	15
172458-65580	52	16
172458-65600	52	18
172458-65610	52	19
172458-65640	52	20
172458-67090	59	2
172458-67100	59	3
172458-67110	59	4
172458-72740	68	15
172458-73820	73	8
172458-74110	79	12
172458-74120	79	13
172458-74130	75	2
	76	2
	77	18
	78	19
	79	14
172458-74140	75	3
	76	3
	77	19
	78	20
	79	15
172458-74150	74	19
	75	16
	77	3
		20
	78	21
	79	3
		16
172458-74160	74	20
	75	17
	77	5
		21
	78	22
	79	4
		17
172458-74170	75	4
	76	4
	77	28
	78	23
	79	18
172458-74230	74	21
	75	18
	76	17
	77	6
	78	5

Parts No.	Fig. No.	Ref. No.
172458-74230	79	5
172458-74240	74	22
	75	19
	76	18
	77	7
	78	6
	79	6
172458-74250	74	23
	75	21
	77	8
	78	7
	79	7
172458-74260	74	24
	75	22
	76	19
	77	9
	78	8
	79	8
172458-74290	74	5
	75	6
	76	6
	78	9
172458-74360	74	6
	75	7
	76	7
	78	10
172458-74380	78	18
172458-74390	78	24
172458-74420	77	17
172458-74430	77	22
172458-74460	75	8
	76	8
172458-74470	81	34
	111	7
172458-74480	81	35
	111	8
172458-74490	81	36
	111	9
172458-74500	81	1
172458-74520	76	16
172458-74530	76	20
172458-74540	76	21
172458-74550	76	22
172458-74610	74	18
172458-74620	74	25
172458-74630	74	26
	75	23
	77	10
		23
	78	25

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-74630	79	9
		19
172458-74640	74	9
	75	9
	76	9
	78	11
172458-74650	74	10
	78	26
172458-74660	78	12
172458-74670	78	13
172458-74700	79	24
172458-74720	74	28
	75	26
	76	23
	77	29
	78	33
	79	25
172458-74730	74	29
172458-74740	78	32
172458-74750	79	11
172458-74780	78	17
172458-76130	87	6
172458-76150	87	38
172458-76680	91	14
172458-78091	84	13
172458-78290	87	24
172458-78300	87	25
172458-78310	87	26
172458-78390	94	19
172458-78420	94	18
172458-78530	87	28
172458-78540	87	29
172458-78570	94	21
	95	15
172458-78610	96	16
172458-78620	96	17
172458-78630	96	18
172458-78640	96	19
172458-78650	96	20
172458-78660	96	21
172458-78670	96	22
172458-78790	95	16
172458-81700	98	7
172458-81750	98	10
172458-81751	98	10 -1
172458-81920	99	4
172458-82230	105	17
	106	18
172458-82240	105	12
	106	12

Parts No.	Fig. No.	Ref. No.
172458-82260	105	13
	106	13
172458-82280	105	14
	106	14
172458-82290	105	15
	106	15
172460-03140	1	39
	3	39
172460-03230	3	40
	8	17
172460-03240	3	44
	8	19
172460-16570	14	16
	109	16
172460-17110	14	19
	109	19
172460-61960	42	14
172460-72070	63	5 -1
	64	2 -1
	68	2 -1
	69	8 -1
172460-75410	83	12 -2
172462-03320	5	30
172463-03290	5	24
172463-03330	5	31
172469-03140	5	3
172469-03201	5	9
172469-16520	20	28
172469-16521	20	28 -1
172469-16522	20	28 -2
172469-16523	20	28 -3
172469-16524	20	28 -4
172469-45100	30	2 -1
172469-45140	30	5 -1
172469-66300	60	1
172469-72400	63	4
172469-72410	63	27
172472-03160	5	6
172472-03170	5	8
172472-03230	5	13
172472-03240	5	16
	10	1
172472-03250	5	18
172472-03260	5	19
	10	3
172472-03270	5	20
	10	4
172472-03280	5	23
	10	5
172472-03290	5	25

Parts No.	Fig. No.	Ref. No.
172472-03300	5	27
172472-45660	30	14 -1
172472-45900	34	3 -1
172487-13300	16	5 -1
172487-13450	16	40 -2
172487-13460	16	19 -1
172487-13500	16	22 -2
172487-14520	18	10 -2
172487-45600	37	2 -1
172487-45900	34	3 -2
172487-65520	52	13 -1
172487-74200	37	6 -1
172487-76200	87	7 -1
172487-76410	84	7 -1
172487-78260	87	23 -1
172490-03200	2	41 -1
	3	41 -1
		41 -1
	5	10
172490-03210	1	48
	2	43 -1
	5	11
	35	40 -1
		40 -1
		40 -1
	114	2
172490-61920	47	4 -1
172490-61950	47	5
172496-03200	1	43
172519-04180	1	33
	2	32
	3	32
	6	16
	7	15
	8	15
172519-04290	1	34
	2	33
	3	33
	6	17
	7	16
	8	16
172519-63240	21	37
	47	10
		11
		12
172519-76130	87	7
172524-03271	1	23
	2	22

Parts No.	Fig. No.	Ref. No.
172524-03271	3	22
	5	21
172524-17330	21	6
172638-73330	71	19
172644-76161	89	19
172648-16600	20	4
172650-73450	61	26
	62	44
172725-16160	19	13
172730-05250	39	3
	59	1
172730-75141	84	2
	85	2
	89	1
		2
	90	1
172734-14620	16	41
172734-41300	33	27
	36	2
	114	8
172734-65270	51	17
172823-45000	36	3
	114	9
172823-45940	33	29
172956-08100	11	6
172956-08120	105	34
172956-08130	105	36
172956-08140	105	39
172956-72500	67	1
172956-72501	67	1 -1
172956-72510	67	13
172956-72511	67	13 -1
172956-72530	67	16
172956-72531	67	16 -1
172956-72560	67	8 -1
172956-72800	70	1
172956-72810	70	3
172956-72830	70	6
172956-72860	70	8
172956-72880	70	5
		10
172956-72890	70	11
172956-72900	70	12
172956-72910	70	17
172956-72980	70	22
172956-73100	62	5
172956-73110	62	16
172956-73120	62	17
172956-73121	62	17 -1
172956-76100	92	7

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172956-78100	92	14
172956-78110	92	15
172956-78120	92	1 -2
172956-81500	102	4
172956-81600	105	25
	106	26
	107	1
172956-81900	92	10 -1
172956-83100	104	3
172956-83101	104	3 -1
172956-83102	104	3 -2
172956-83110	104	4
172956-83111	104	4 -1
172956-83112	104	4 -2
172956-83120	105	27
	106	28
	107	3
172956-83140	104	6
172956-83160	104	8
172956-83200	104	9
172956-83220	104	10
172956-83221	104	10 -1
172956-83250	104	11
172956-83251	104	11 -1
172956-83252	104	11 -2
172956-83280	104	12
172956-83281	104	12 -1
172956-83290	104	13
172956-83291	104	13 -1
172956-83310	104	14
172956-83350	104	15
172956-83360	104	16
172956-83361	104	16 -1
172956-83380	104	19
172956-83381	104	19 -1
172957-78111	92	16
172957-78150	90	8 -1
172958-03100	4	15
	9	1
172958-03110	4	2
172958-03120	4	3
172958-03130	4	4
172958-03140	4	5
	9	2
172958-03160	4	6
	5	7
172958-03170	4	16
172958-03180	4	7
172958-03190	4	8
172958-03200	4	9

Parts No.	Fig. No.	Ref. No.
172958-03220	4	10
	9	3
172958-03230	4	12
	9	4
172958-03300	4	14
	9	5
	11	8
172958-03310	4	13
	11	3
172958-05100	11	9
172958-05110	11	10
		10 -1
172958-07330	11	5
172958-17100	21	55
172958-17120	104	1
		1 -1
172958-17130	21	80
172958-64500	21	57
172958-72950	70	20
172958-72960	70	21
172958-72981	70	22 -1
172958-72982	70	22 -2
172958-76130	92	2
172958-78120	92	17
172958-78160	92	1
172958-78200	92	1 -1
		17 -1
172958-81900	92	10
172958-83130	104	5
172958-83131	104	5 -1
172958-83140	104	7
172958-83291	104	14 -1
172964-03370	1	28
	2	27
	3	27
	6	12
	7	12
	8	12
172964-03481	1	29
	2	28
	3	28
	6	13
	7	18
	8	18
172989-64450	50	36
172989-64451	50	36 -1
172989-73150	61	84 -1
	62	19 -1
172989-73160	61	83 -1
	62	18 -1

Parts No.	Fig. No.	Ref. No.
172A02-08510	110	1 -1
172A21-12250	14	26 -1
	109	26 -1
172A21-68870	55	33
172A21-69030	58	5
172A21-69870	56	22 B-1
172A21-69890	56	22 A-1
172A23-14100	18	10 -1
172A23-37750	26	23 A
172A23-72800-1	69	25 -2
172A46-64200	48	1 A
	49	1 A
	50	1 A
172A46-64500	48	1 C
	49	1 C
	50	1 C
172A46-64520	48	1 B
	49	1 B
	50	1 B
172A46-75500	83	30 -1
172A77-17500	21	86
172A79-12150	13	1 A
182900-16530	82	2
182900-22300	82	3
182900-77190	82	5
182900-77200	82	6
182900-77210	82	7
182900-77220	82	8
182900-77230	82	9
182900-77240	82	10
182900-77250	82	11
194145-04810	15	13
	51	1
		2
194151-57100	21	36
194200-37780	33	26
	36	1
	114	7
194440-51620	20	10
194464-52190	21	59
	28	15
194680-51670	19	22
194940-24350	39	7
1A1040-43900	34	2
1A1040-45890	33	8
	35	4
	36	5
	114	11
1A1040-56900	13	8
1A1380-59480	20	26

Parts No.	Fig. No.	Ref. No.
1A1380-62160	51	26 -1
1A3809-56915	14	25
	109	25
1A6240-37360	71	2
1A6380-48870	88	11
	114	34
1C6141-35370	81	33
	111	6
1C6281-52310	13	7
	14	24
	109	24
1D4070-23580	28	11
	29	1
1E3030-78370	11	11
1E6140-73420	25	5 -1
22117-040000	30	10
22117-080000	30	26
	33	31
	36	12
	114	42
22117-100000	84	8
22137-060000	13	9
	14	27
	16	29
	18	33
	21	54
	109	27
22137-080000	12	19
	19	7
	29	19
		20
	30	21
	35	23
		24
	51	34 -1
	52	27
	104	24
		24 -1
	114	43
		44
22137-100000	12	14
	16	36
		36 -1
	17	28
		36
	19	15
	20	21
	23	4
	24	18
	33	24

Parts No. Index

Parts No.	Fig. No.	Ref. No.
22137-100000	33	24 -1
	40	15
	41	17
		17 -1
	42	15
	43	20
		20 -1
	45	9
	46	7
		20
	48	19
		20
	49	23
		39
	50	22
		23
	51	24
		25
	52	28
		29
22137-120000	104	25
	20	11
	43	19
	46	8
	49	24
22137-140000		35
	50	24
		25
22157-060000	19	16
22157-080000	51	26
22157-100000		34
	42	16
	43	13
	45	10
	46	9
22157-120000	52	30
		30 -1
	100	19
	101	19
	102	19
	104	26
	115	21
	98	16
	99	19
	100	20
22157-120000	101	20
	102	20
	108	8

Parts No.	Fig. No.	Ref. No.
22157-120000	115	22
22217-050000	20	12
22217-060000	41	16
22217-080000	18	34
	19	19
		20
	48	21
		22
	49	32
		36
	50	26
		27
22217-100000	12	15
	14	28
	15	8
	24	19
	33	10
	35	25
	36	13
	63	33
		34
	64	33
		34
	68	27
	109	28
	114	45
22217-120000	20	22
	40	13
	54	11
	60	3
22217-140000	83	31
	105	18
		47
	106	19
22217-160000	38	17
		27
	59	5
	60	4
22242-000200	61	15
	62	15
22242-000250	29	21
22242-000300	26	7
		16
22242-000320	104	27
22242-000451	73	12
22242-000500	99	20
22252-000250	104	28
22252-000280	37	3
		7
		7
22252-000520	25	7

Parts No.	Fig. No.	Ref. No.
22252-000720	26	8
		17
22272-000060	31	13
22272-000070	29	22
22273-000060	104	29
22312-060120	61	30
	62	48
22351-030032	28	16
	32	4
22351-035040	29	23
22351-040025	14	29
	109	29
22351-050010	80	20
	81	8
22351-050032	28	17
	32	5
22351-060040	29	24
	30	27
22417-160160	32	12
	33	32
	36	14
	114	46
22417-200200	29	25
	51	27
		28
	52	31
22417-250200	33	25
		25 -1
22417-320200	41	11
22877-500120	24	20
23000-013000	17	15 -1
	87	31
		32
	93	8
23000-041000	16	30 -1
	12	16
23000-060000	87	33
		34
23001-016000		42
	24	21
23001-022000	87	35
23001-035000	16	30 -2
	84	19
23001-041000	84	20
23001-060000	17	15
23010-014000	16	30
23010-038000	17	29 -1
23080-013000		30
	89	10
23393-020000	87	2 -1
23393-040000		

Parts No.	Fig. No.	Ref. No.
23418-060000	18	29
23871-005000	69	23
	70	23
23871-010000	72	8
23871-020000	73	13
23871-040000	91	7
24101-060024	71	81
24101-060044	71	82
24101-062054	25	8
24101-062074	26	9
		18
24190-100001	82	12
24311-000060	74	11
	75	28
	76	24
	61	52
24311-000090		119
	62	70
		119
24311-000120	75	10
	76	10
	77	24
	78	27
24311-000160	79	20
	16	4
	61	96
		129
	62	31
		114
24311-000180	61	53
		120
	62	71
		120
	74	33
	75	27
	76	25
	77	30
	78	34
24311-000210	14	30
	28	18
	32	6
	33	11
	34	8
	35	26
	109	30
	114	47
24311-000280	82	13
24311-000340	29	26
24311-000380	83	22
24311-000400	104	30

Parts No. Index

Parts No.	Fig. No.	Ref. No.
24311-000750	73	10
24311-240100	18	30
24315-000060	61	75
		123
	62	93
		123
24315-000080	61	91
		127
	62	127
	74	12
	78	14
24315-000090	74	31
24315-000100	74	32
24315-000110	61	94
		128
	62	128
	74	13
		27
	75	11
		24
	76	11
	77	11
		25
	78	15
		28
	79	10
		21
	85	4
		6
	86	4
		6
	87	12
		14
		16
		17
		37
		39
		40
	89	4
		8
		11
	92	3
		5
	93	3
		4
	94	6
		9
		10
		11
		12

Parts No.	Fig. No.	Ref. No.
24315-000110	95	2
		4
		6
	96	4
		6
		7
		8
		10
		13
		14
24315-000120	71	74
24315-000140	26	21
	61	111
		131
	62	108
		126
	74	14
	78	29
	84	4
		9
		22
	85	7
		8
	86	8
		10
		11
		12
		13
		14
	87	41
	88	3
	89	12
		13
		20
	90	3
		4
		5
		14
	114	48
24315-000180	74	15
	84	6
	87	5
		18
24315-000200	80	7
		23
		27
24315-000300	26	25
24321-000400	84	10
24321-000450	61	18
		115

Parts No.	Fig. No.	Ref. No.
24321-000450	62	36
		115
24321-000600	82	14
24321-000700	73	11
24321-000900	61	76
		124
	62	94
		124
24321-001050	83	23
24341-000300	83	24
24550-014200	14	5
		9
	109	5
		9
24550-025150	29	7
	70	10 -1
24550-030300	66	18 -1
24550-035300	65	14 -1
	66	18 -2
	67	21 -1
24550-040300	63	29 -1
	64	22 -1
	68	22 -1
	69	15 -1
24761-020000	26	22
	30	16
		16 -1
		31
	33	12
	63	31
	64	28
	70	24 -1
	97	5
	103	9
		10
	104	31
	105	8
	106	8
	108	9
24761-040000	33	13
	38	24
	65	23
	66	26
	67	22
	100	21
	101	21
	102	21
	108	10
	115	23
24761-050000	29	27

Parts No.	Fig. No.	Ref. No.
24761-050000	30	31 -1
	35	27
	36	15
	68	23
	70	24
	98	17
	114	49
26013-060102	49	25
	50	28
	54	12
26013-060122	21	45
		46
		47
26013-060162	14	31
	16	31
	18	35
	21	48
		49
	54	13
	109	31
26013-060202	18	35 -1
	21	50
		51
26013-080162	13	10
	16	32
		33
	20	23
	28	10
	29	28
	30	22
	33	14
	34	9
	35	28
		29
	41	15
	44	2
	49	27
	83	25
	92	11
		12
	104	32
	114	50
		51
26013-080202	12	17
	14	32
	17	31
	29	29
	34	10
	48	1 D
	49	1 D

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26013-080202	50	1 D
	83	26
	109	32
26013-080252	35	30
	92	13
	114	52
26013-080502	13	11 -1
26013-080602	13	11
26013-100162	20	24
	38	18
26013-100202	74	34
	15	11 -1
	16	34
		34 -1
	17	17
		32
	19	17
	20	13
		27
	29	30
	30	23
	36	16
	37	8
	40	16
		17
		18
	41	13
		13 -1
	42	17
	43	14
		14 -1
	45	11
	46	10
		11
	48	1 E
		23
		24
	49	1 E
		28
		29
	50	1 E
		29
		30
	52	32
		33
		34
		35
		36
		36 -1
	53	20

Parts No.	Fig. No.	Ref. No.
26013-100202	53	20 -1
	69	26
	82	18
	84	11
	87	19
	88	7
	99	21
	104	33
	114	53
		54
		54
	13	12
	15	9
26013-100252		10
	25	2
	30	17
	42	18
	43	15
	45	12
	46	12
		26
	48	25
	49	30
	50	31
	51	29
		30
		31
		32
	52	37
		38
		39
	71	88 -1
	84	12
	88	8
	91	8
		9
	100	22
	101	22
	102	22
	104	34
	108	11
	114	55
	115	24
		25
26013-100302	25	11
	61	2
	62	2
26013-100352	25	16
	37	9 -1
	40	19
	45	13
		13

Parts No.	Fig. No.	Ref. No.
26013-100352	46	13
	73	14
26013-100402	26	26
	37	4 -1
	73	15
	15	11
	14	33
26013-120202	25	9
26013-120252	49	34
	50	32
	98	19
	99	22
	100	23
	101	23
	102	23
	109	33
26013-120302	43	16
		17
	46	14
	49	31
	50	33
	59	6
	61	133
	62	130
	91	17
	108	12
	39	6
	72	52 -1
	91	18
26013-120502	91	18 -1
		19
26013-120552	91	20
26013-120602	91	19 -1
		20 -1
26014-080162	98	18
26014-080202	22	4
	98	20
26014-080252	83	25 -1
26014-100252	84	11 -1
26022-050102	21	84
	83	27
26022-050122	17	2 -1
26022-060252	14	34
	109	34
26022-080162	16	35
26051-080002	30	28
	32	13
	33	33
	35	31
	36	17

Parts No.	Fig. No.	Ref. No.
26051-080002	48	1 F
	49	1 F
	50	1 F
	114	56
26076-120402	54	14
	60	5
26076-160402	59	7
	60	6
26106-080552	12	3
26106-100122	39	12
26106-100162	40	12
	52	40
26106-100202	40	18 -1
26106-100352	37	4
		9
26116-060122	41	12
26116-080162	19	9
	35	32
	48	26
	49	26
	50	34
26116-080202	32	7
	35	32 -1
	104	35
		35 -1
26116-080254	32	7 -1
	33	15
	35	32 -2
	114	57
26116-080304	35	33
	114	58
26116-080702	18	36
26116-100162	14	35
	20	14
	63	35
		36
	64	35
		36
	68	28
	109	35
26116-100202	33	16
	35	34
	36	18
	114	65
26116-100404	30	11
26116-100602	105	41
26116-100604	30	30
26116-100652	103	11 -1
	105	9
		32

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26116-100652	106	9
	107	8
26116-100752	103	11
26116-100802	104	36
26116-100852	105	37
26116-120162	20	14 -1
26116-120252	40	20
26116-121102	99	23
26116-140352	83	32
26116-160452	38	19
		28
26116-160602	38	20
26116-160652	38	20 -1
26206-141502	99	24
26346-100002	23	5
26347-080002	52	41
26347-100002	51	33
	52	42
26366-080002	12	4
26367-100002	17	19
26450-040102	61	97
	62	32
26450-050102	75	12
	76	12
	77	26
	78	30
	79	22
26450-050122	61	110
	62	107
26450-050182	75	13
	76	13
	77	27
	78	31
	79	23
26450-060122	61	19
	62	37
26450-060202	61	54
		64
	62	72
		82
26450-060352	70	25
26450-080202	61	31
	62	49
	71	87
26450-080302	61	98
	62	33
26450-080352	80	21
26450-080402	61	32
	62	50

Parts No.	Fig. No.	Ref. No.
26450-080652	81	28
26450-100252	61	77
	62	95
26450-120402	61	4
	62	4
26557-050122	17	2
26587-040062	14	36
	31	14
	109	36
26587-040122	24	22
	30	12
26658-080002	35	35
	114	59
26712-080002	81	37
	111	10
26716-040002	20	25
26716-050002	20	15
26716-060002	14	37
	19	18
	109	37
26716-080002	19	8
	32	8
	33	17
	35	36
	48	27
	49	33
	50	35
	74	30
	114	60
26716-100002	12	18
	15	12
	30	13
	103	12
	104	37
	105	10
		33
		38
		42
	106	10
		34
	107	9
26716-120002	99	25
26716-140002	99	26
26756-060002	104	29 -1
26756-080002	35	37
		38
		39
	114	61
		62
		63

Parts No.	Fig. No.	Ref. No.
26757-050002	32	11
26776-140002	31	15
26776-180002	21	60
	28	19
29420-050000	21	13
29420-150000	21	14
29420-200000	14	18
	109	18
29420-300000	21	15
41851-000110	96	14 -1
772448-82530	105	24 -1
772456-03100	2	1
772456-03101	2	1 -1
772456-03110	1	1
772456-03200	3	1
772456-03201	3	1 -1
772456-14110	17	1
772456-14111	17	1 -1
772456-37100	26	1
772456-37110	26	10
772456-37300	25	3
772456-37301	25	3 -1
772456-64210	49	4
772456-64211	49	4 -1
	50	4
772456-64212	49	4 -2
	50	4 -1
772456-64213	49	4 -3
	50	4 -2
772456-64214	48	3
	49	4 -4
	50	4 -3
772456-75090	83	1
772456-75091	83	1 -1
772456-75092-1	83	1 -2
772458-82230	105	24
	106	25
772469-03140	5	1
772956-03100	4	1
772958-03100	4	1 -1
933110-00301	21	6 -1
		87
933110-54100	30	29
	32	14
	33	34
	36	19
	114	64
933111-01600	65	14
	67	21
933111-01800	66	18

Parts No.	Fig. No.	Ref. No.
933111-26600	69	12
933125-59600	67	23
933126-38600	26	27
933135-14600	63	29
	64	22
	68	22
	69	15
933147-03400	63	37
	64	37
	68	29
933152-02710	83	6
933152-09280	14	38
	109	38
933166-17730	14	39
	109	39
933168-14170	63	38
	64	38
	68	30
933168-55770	14	40
	31	16
	32	15
	109	40
933170-01490	50	40
933171-13691	26	28
933171-15801	20	16
933171-29751	108	13
953KM0-00220	82	15
		16
953KM0-10894	82	17