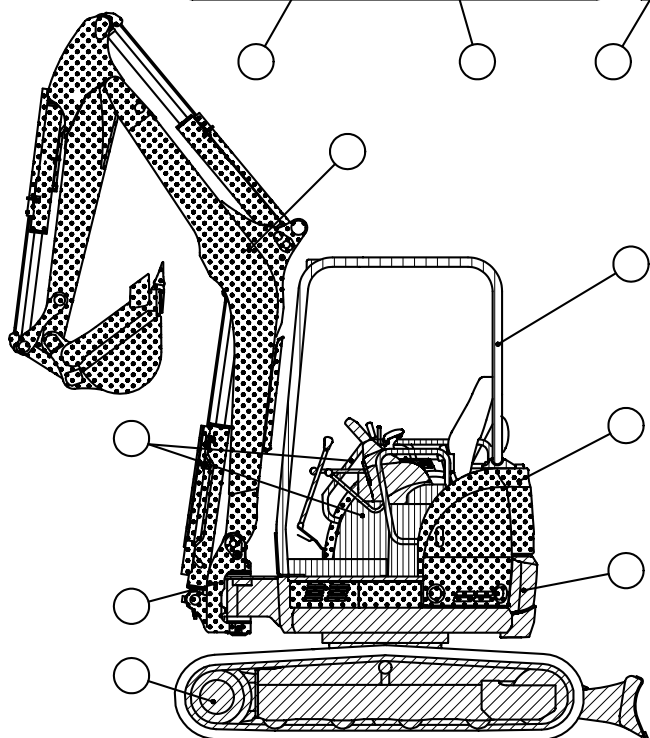
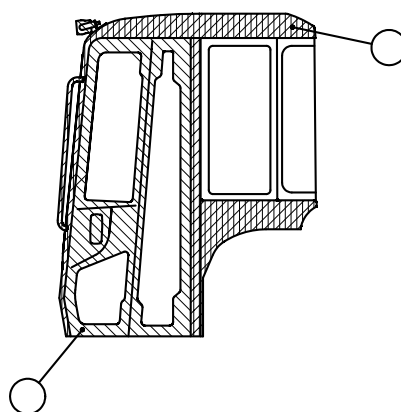
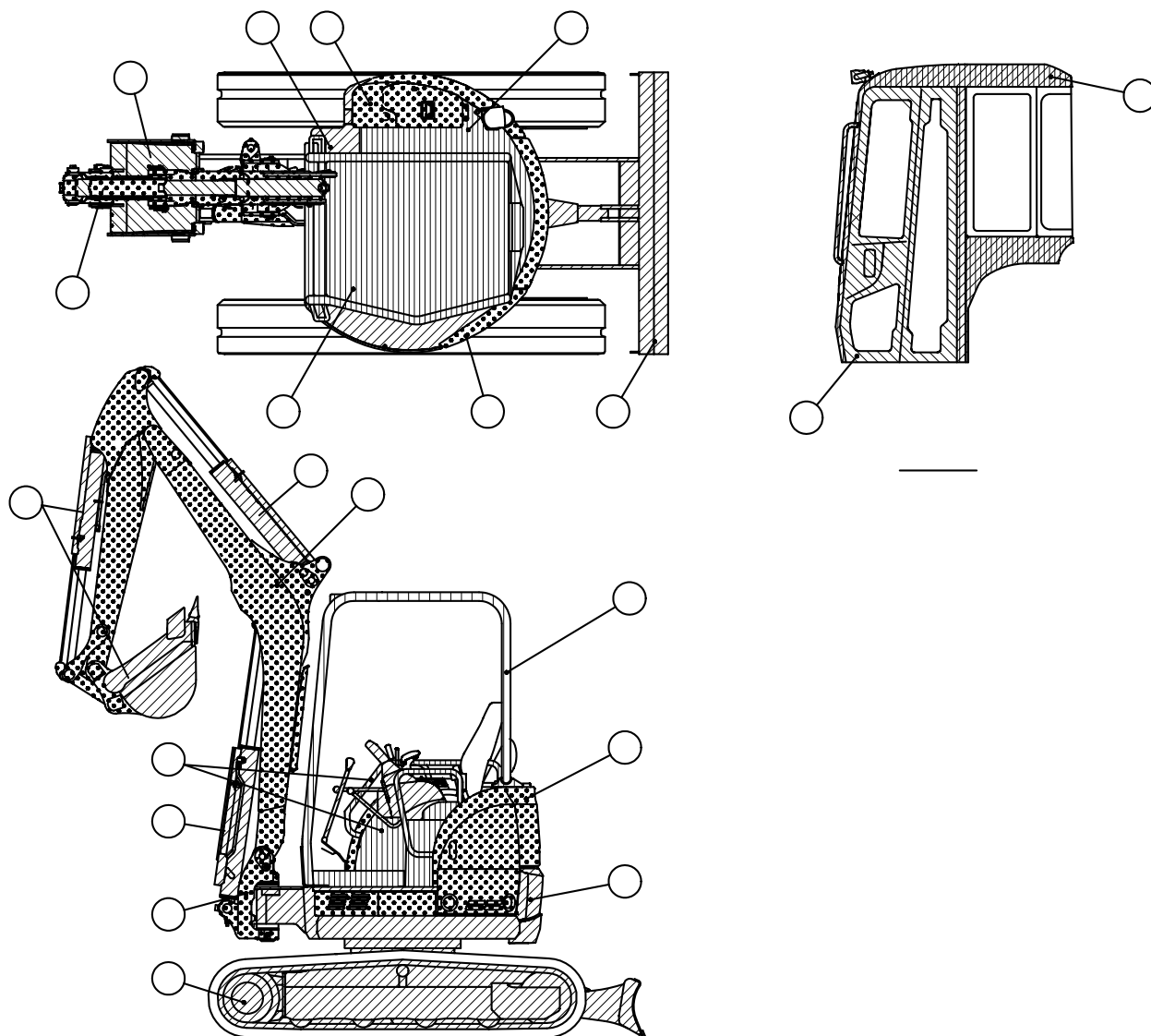
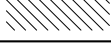


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PICTURESQUE INDEX (1) ■ ■ ■ MAIN PARTS

1. LABEL & ACCESSORY
Fig. 1~5

16. OPTIONAL & KIT
Fig. 112~117

3. ELECTRICAL PARTS
Fig. 14~21

4. AIR CONDITIONER & HEATER
Fig. 22~27, 119, 120

14. HYDRAULIC OIL PIPING
Fig. 91~104

REAR
→

11. CABIN
Fig. 28, 54~60, 62, 121

12. CANOPY
Fig. 61

9. AROUND SEAT
Fig. 47~50

2. ENGINE RELATED
Fig. 6~13

10. BONNET
Fig. 51, 52

6. CONTROL EQUIPMENT
Fig. 32~40, 44

RIGHT
→

15. IMPLEMENT
Fig. 105~111

7. FRAME
Fig. 41~43

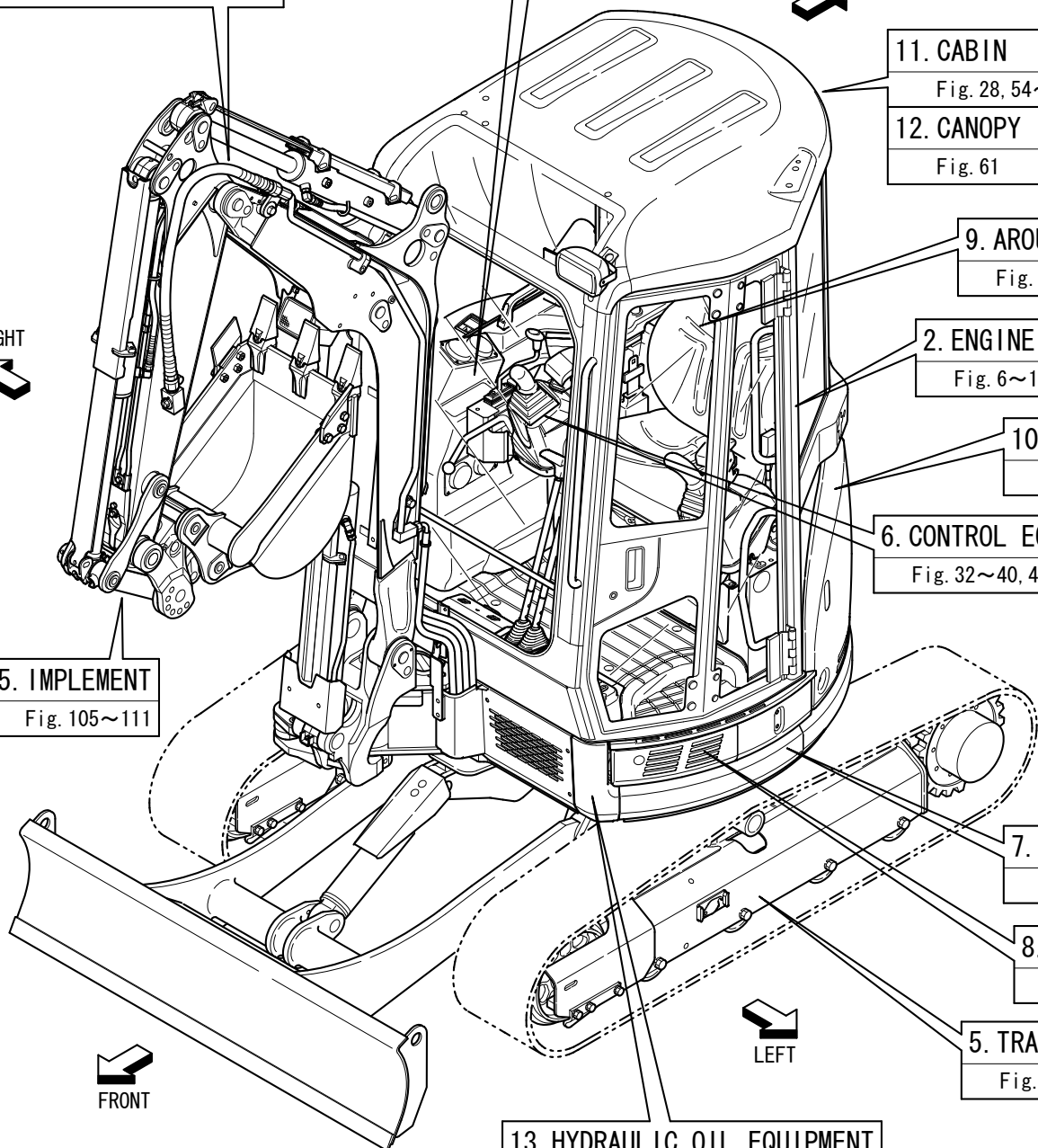
8. COVER
Fig. 45, 46

5. TRAVELING
Fig. 29~31, 123

LEFT
→

FRONT
→

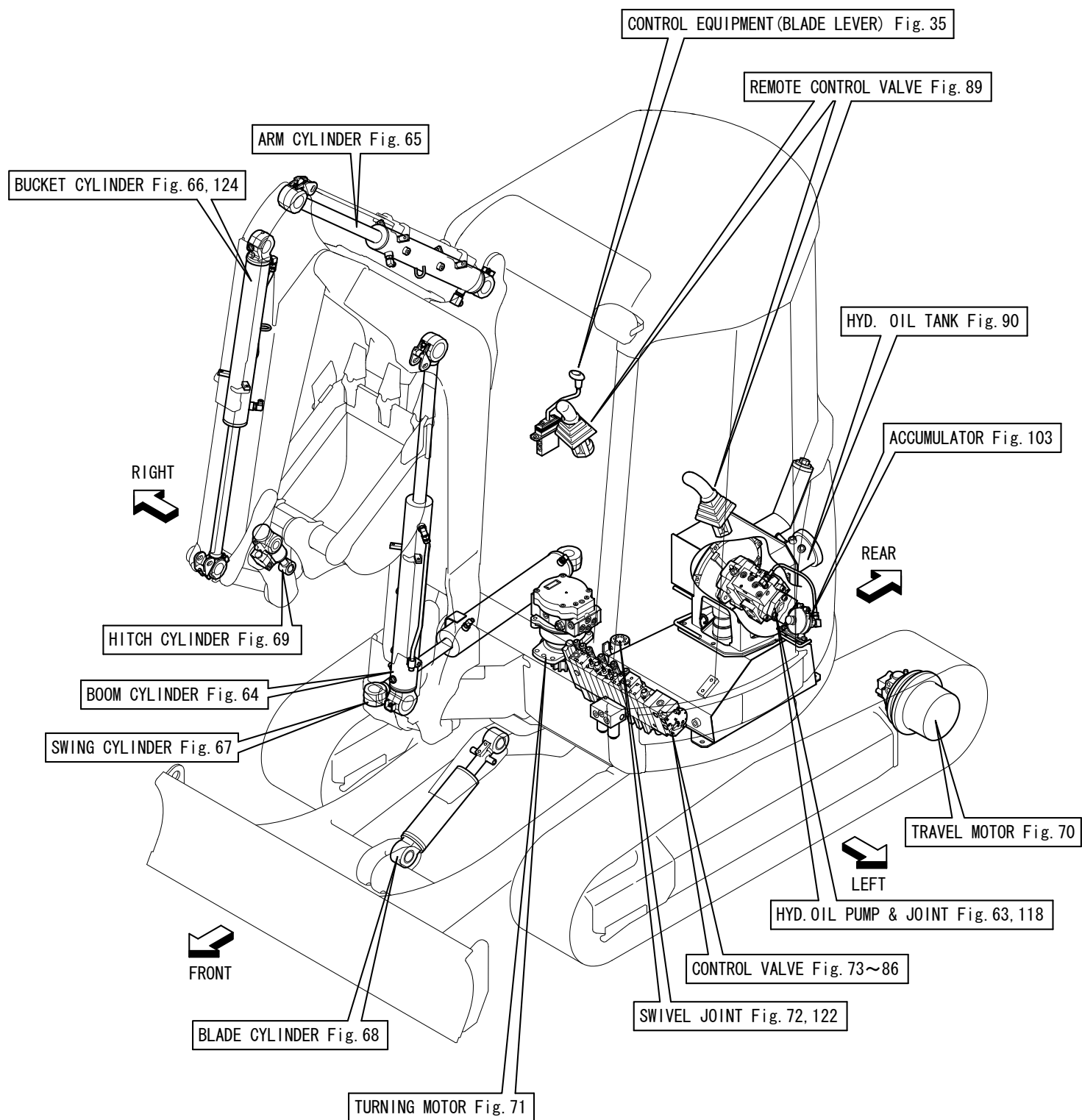
13. HYDRAULIC OIL EQUIPMENT
Fig. 63~90, 118, 122, 124



PICTURESQUE INDEX (2) · · · HYDRAULIC SECTION

HYD. OIL PIPING Fig. 91~102

CONTROL PIPING Fig. 104



Contents

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Fig. No. Fig. Name

LABEL & ACCESSORY

1. LABEL(CABIN)
2. LABEL(CANOPY)
3. SAFETY LABEL(CABIN)
4. SAFETY LABEL(CANOPY)
5. REPAIR PARTS

ENGINE RELATED

6. MUFFLER & AIR CLEANER
7. ACCELERATOR
8. ENGINE MOUNT
9. RADIATOR SHURAUD
10. RADIATOR & SUB-TANK
11. DUCT
12. FUEL TANK
13. FUEL LINE

ELECTRICAL PARTS

14. BATTERY
15. ELECTRIC PART(AROUND ENGINE)
16. ELECTRIC PART(AROUND FRAME)
17. ELECTRIC PART(STARTING SWITCH)
18. ELECTRIC PART(AROUND SEAT)
19. ELECTRIC PART(TRAVEL ALARM)
20. ELECTRIC PART(WORK LAMP)

Fig. No. Fig. Name

21. ELECTRIC PART(QUICK COPLER : SWITCH BOX)

AIR CONDITIONER & HEATER

22. HEATER(TO M53438)
119. (22A)HEATER(FROM M53439)
23. AIR CONDITIONER(ELECTRIC PART)
24. AIR CONDITIONER(ENGINE RELATED)
25. AIR CONDITIONER(CONDENSER RELATED)
26. AIR CONDITIONER(CABIN RELATED)(TO M53438)
120. (26A)AIR CONDITIONER(CABIN RERATED)(FROM M53439)
27. AIR CONDITIONER(PIPING)

TRAVELING

29. SPROCKET & ROLLER
123. (29A)TRACK ROLLER(K SPEC.)
30. IDLER & ADJUST
31. CRAWLER

CONTROL EQUIPMENT

32. CONTROL EQUIPMENT(LOCK LEVER & STAND : RIGHT)
33. CONTROL EQUIPMENT(LOCK LEVER & STAND : LEFT)
34. CONTROL EQUIPMENT(TRAVEL LEVER)
35. CONTROL EQUIPMENT(BLADE LEVER)
36. CONTROL EQUIPMENT(SWING PEDAL)
37. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

Contents

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Fig. No. Fig. Name

- 38. CONTROL EQUIPMENT(P.T.O. PEDAL)
- 39. ARMREST
- 40. CONTROL VALVE PLATE
- 44. COVER(LINK : P.T.O. SWITCH)

FRAME

- 41. TURNING FRAME
- 42. GREASING
- 43. TRACK FRAME & TURNING BEARING

COVER

- 45. COVER(FRAME)
- 46. COVER(BONNET)

AROUND SEAT

- 47. STEP & FLOOR MAT
- 48. INSTRUMENT PANEL
- 49. SEAT MOUNT
- 50. SEAT & HANDRAIL

BONNET

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

Fig. No. Fig. Name

CABIN

- 28. WINDOW WASHER
- 53. CABIN(BODY)
- 54. CABIN(GLASS)
- 55. CABIN(ACCESSORY)
- 56. CABIN(ELECTRIC PART)
- 57. CABIN DOOR(FRONT)
- 58. CABIN DOOR(REAR)
- 59. CABIN(COVER)(TO M53438)
- 121. (59A)CABIN(COVER)(FROM M53439)
- 60. CABIN(FITTING)
- 62. REARVIEW MIRROR

CANOPY

- 61. CANOPY

HYDRAULIC OIL EQUIPMENT

- 63. HYD.OIL PUMP & JOINT(QUICK COUPLER SPEC.)
- 118. (63A)HYD.OIL PUMP & JOINT(WITHOUT QUICK COUPLER SPEC.)
- 64. BOOM CYLINDER
- 65. ARM CYLINDER
- 66. BUCKET CYLINDER(Y SPEC.)
- 124. (66A)BUCKET CYLINDER(K SPEC.)
- 67. SWING CYLINDER
- 68. BLADE CYLINDER

Contents

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Fig. No. Fig. Name

- 69. HITCH CYLINDER(QUICK COUPLER)
- 70. TRAVEL MOTOR
- 71. TURNING MOTOR
- 72. SWIVEL JOINT(Y SPEC.)(TO M54434)
- 122. (72A)SWIVEL JOINT(N SPEC.)(FROM M54435)
- 73. CONTROL VALVE(SG:1/7)
- 74. CONTROL VALVE(SG:2/7)
- 75. CONTROL VALVE(SG:3/7)
- 76. CONTROL VALVE(SG:4/7)
- 77. CONTROL VALVE(SG:5/7)
- 78. CONTROL VALVE(SG:6/7)
- 79. CONTROL VALVE(SG:7/7)
- 80. CONTROL VALVE(US,AS,NZ:1/7)
- 81. CONTROL VALVE(US,AS,NZ:2/7)
- 82. CONTROL VALVE(US,AS,NZ:3/7)
- 83. CONTROL VALVE(US,AS,NZ:4/7)
- 84. CONTROL VALVE(US,AS,NZ:5/7)
- 85. CONTROL VALVE(US,AS,NZ:6/7)
- 86. CONTROL VALVE(US,AS,NZ:7/7)
- 87. 2-WAY MULTI LEVER(US,AS,NZ)
- 88. 4-WAY MULTI LEVER(SG)
- 89. REMOTE CONTROL VALVE
- 90. HYD.OIL TANK

Fig. No. Fig. Name

HYDRAULIC OIL PIPING

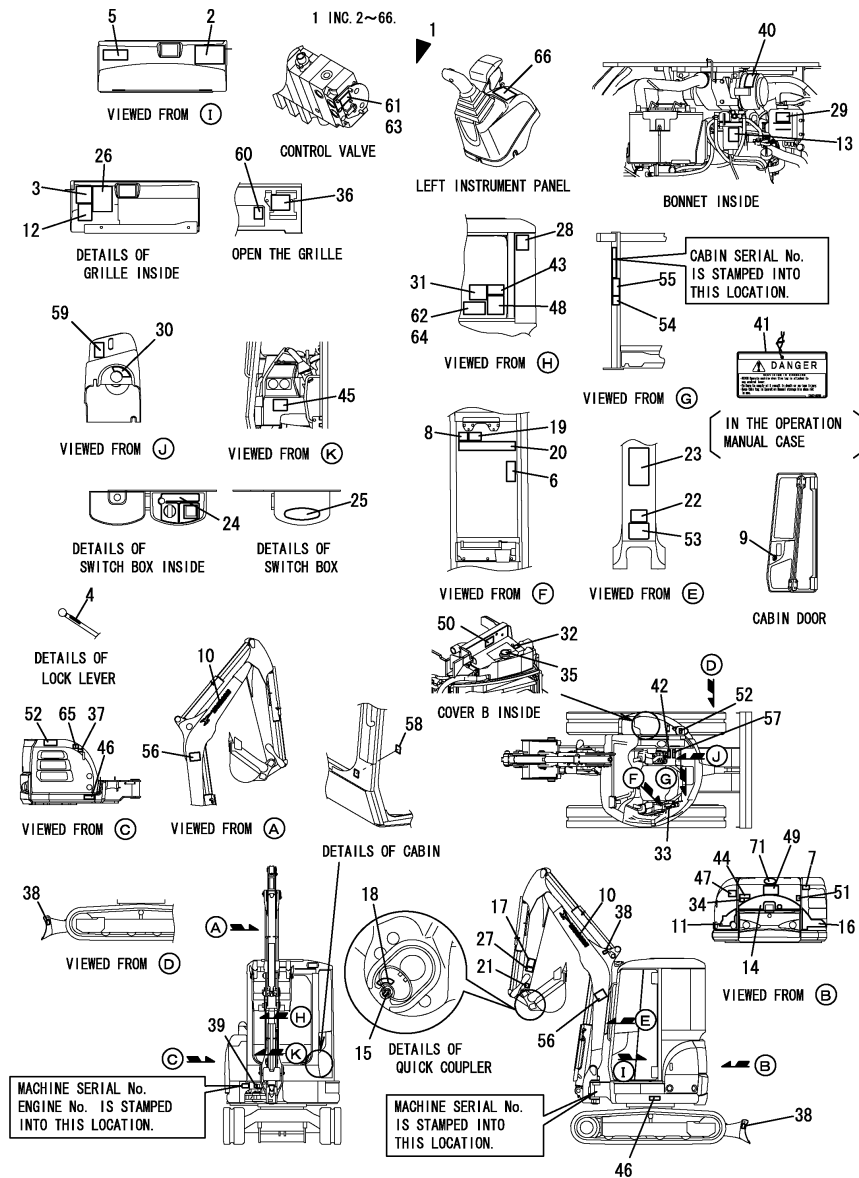
- 91. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)
- 92. HYD.OIL PIPING(CONTROL VALVE - TURNING MOTOR)
- 93. HYD.OIL PIPING(CONTROL VALVE : FITTING)
- 94. HYD.OIL PIPING(CONTROL VALVE - BOOM, SWING)
- 95. HYD.OIL PIPING(CONTROL VALVE - BOOM CYLINDER)
- 96. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT)
- 97. HYD.OIL PIPING(TRACK FRAME)
- 98. HYD.OIL PIPING(BOOM)
- 99. HYD.OIL PIPING(P.T.O. : SOLENOID VALVE - CONTROL VALVE)
- 100. HYD.OIL PIPING(P.T.O. : CONTROL VALVE - BOOM)
- 101. HYD.OIL PIPING(P.T.O. : BOOM - ARM END)
- 102. HYD.OIL PIPING(QUICK COUPLER)
- 103. ACCUMULATOR
- 104. CONTROL PIPING

IMPLEMENT

- 105. BOOM BUCKET
- 106. BOOM
- 107. ARM
- 108. BUCKET ARM & LINK
- 109. BUCKET
- 110. QUICK COUPLER
- 111. BLADE

Contents

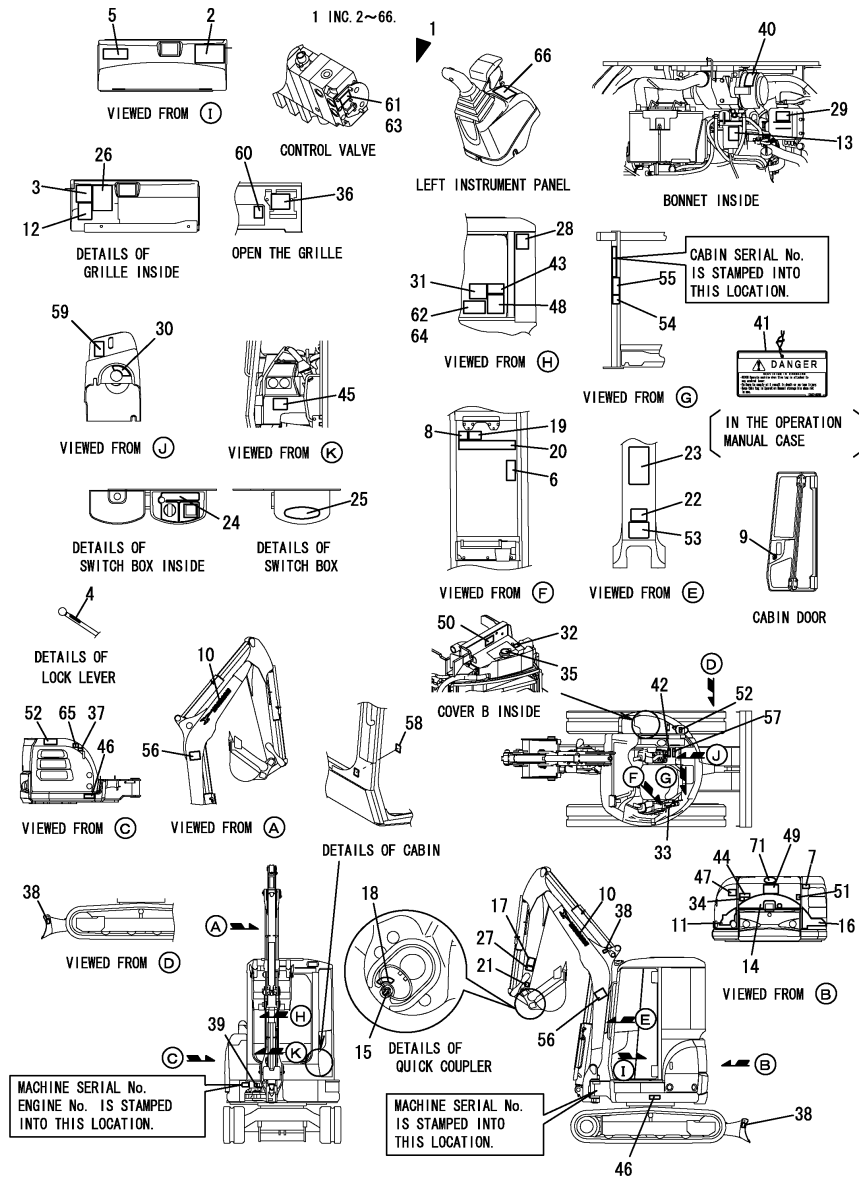
Fig. No.	Fig. Name	Fig. No.	Fig. Name
OPTIONAL & KIT			
112.	HOLDING VALVE KIT(1)(OPTIONAL)		
113.	HOLDING VALVE KIT(2)(OPTIONAL)		
114.	HOLDING VALVE KIT(3)(OPTIONAL)		
115.	HOLDING VALVE KIT(4)(OPTIONAL)		
116.	HOLDING VALVE KIT(5)(OPTIONAL)		
117.	LABEL(FRANCH FOR CANADA)(OPTIONAL)		



(3) Interchangeable by simultaneous replacement with Ref.No.11-1,16-1.

				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)					(D)=VIO27-5B(SG) (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A84-03170	SET,LABEL VIO27-5BUS	1	1	1	1				
1-1	1	772A84-03171	SET,LABEL VIO27-5BUS	1	1	1	1			S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
2	2	172472-03141	LABEL, SUPPORT	1	1	1	1				
3	2	172437-03242	LABEL, CRAWLER	1	1	1	1				1
4	2	172183-03280	LABEL, LOCK	1	1	1	1				
5	2	172A84-03320	LABEL SPEC US	1	1	1	1				
5-1	2	172A84-03321	LABEL SPEC US	1	1	1	1			N	
		(A=M/#53092)	(B=M/#53092)	(C=M/#53092)	(D=M/#53092)						
6	2	172463-03320	LABEL,F/W LOWER US	1	1	1	1				
7	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
8	2	172437-03551	LABEL, WINDOW US	1	1	1	1				
9	2	172458-03601	LABEL, DOOR LOCK	1	1	1	1				
10	2	172531-03030	LABEL, YANMAR	2	2	2	2				
10-1	2	172A77-03030	LABEL,YANMAR	2	2	2	2			S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
11	2	172A44-03151	LABEL,SPECIFICATION	1	1	1	1				
11-1	2	172A44-03152	LABEL,SPECIFICATION	1	1	1	1			S	3
		(A=M53085)	(B=M53085)	(C=M53085)	(D=M53085)						
11-2	2	172A84-03150	LABEL, MODEL L	1	1	1	1			S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
12	2	172467-03150	LABEL, GREASING	1	1	1	1				
12-1	2	172467-03151	LAVEL,GREASING	1	1	1	1			N	
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
13	2	172A07-03160	LABEL	1	1	1	1				
14	2	172A46-03161	LABEL, REAR	1	1	1	1				
15	2	172958-03160	LABEL	1	1	1	1				
16	2	172A44-03171	LABEL,SPECIFICATION	1	1	1	1				
16-1	2	172A44-03172	LABEL,SPECIFICATION	1	1	1	1			S	3
		(A=M53085)	(B=M53085)	(C=M53085)	(D=M53085)						
16-2	2	172A84-03170	LABEL, MODEL R	1	1	1	1			S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
17	2	172472-03230	LABEL, OPERATION	1	1	1	1				
18	2	172458-03240	LABEL, LOCK	1	1	1	1				
19	2	172472-03241	LABEL, PINUS	1	1	1	1				
20	2	172472-03250	LABEL, OPERATION	1	1	1	1				
21	2	172472-03261	LABEL, FINGER	1	1	1	1				
22	2	172472-03271	LABEL, SANDUS	1	1	1	1				
23	2	172472-03281	LABEL, WARNING HITCH	1	1	1	1				
24	2	172472-03290	LABEL, SWITCH	1	1	1	1				
25	2	172472-03300	LABEL, COVER	1	1	1	1				
26	2	172A46-03330	LABEL,OIL & WATER	1	1	1	1				
27	2	172472-03330	LABEL, LOCK PIN	1	1	1	1				
28	2	172A44-03352	LABEL,LIFT Q US	1	1	1	1				
29	2	172A38-03201	LABEL, SUB TANK	1	1	1	1				
30	2	172A64-03700	LABEL, START SWITCH	1	1	1	1				
31	2	172490-03200	LABEL, OPERATION	1	1	1	1				
32	2	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				
33	2	172458-03220	LABEL, ACCELERATOR	1	1	1	1				
34	2	172463-03290	LABEL, HYD.OIL	1	1	1	1				
35	2	172462-03320	LABEL, RADIATOR	1	1	1	1				

NO
++ CONTINUE ++



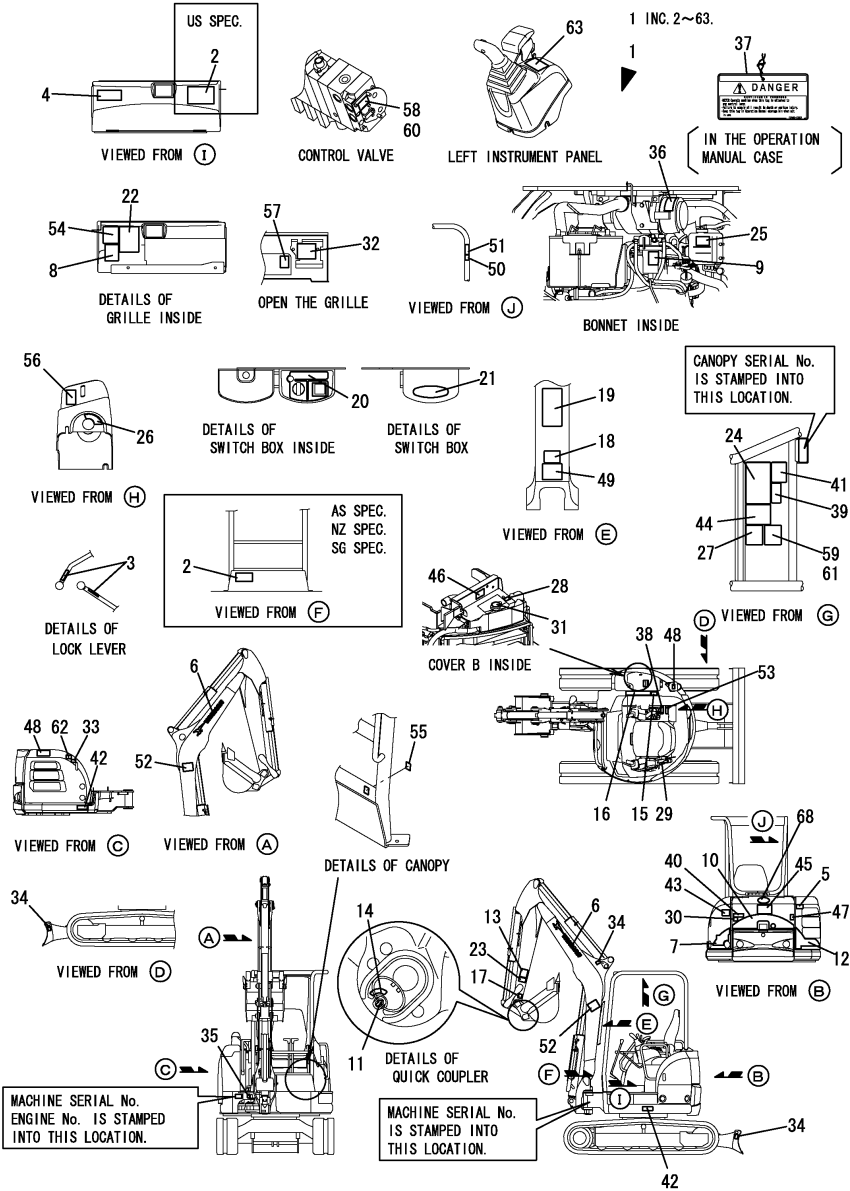
No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
36	2	172A47-03340	LABEL, FUSE	1	1	1	1				
36-1	2	172A47-03341	LABEL,FUSE US	1	1	1	1			N	
	(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)							
37	2	172437-03501	LABEL, FUEL	1	1	1	1				
38	2	172437-03511	LABEL, HOOK	3	3	3	3				
39	2	172156-03740	LABEL, GREASE	1	1	1	1				
40	2	172125-03951	LABEL, AIR CLEANER	1	1	1	1				
41	2	172437-03252	TAG ASSY, CAUTION	1	1	1	1				
42	2	172437-03302	LABEL, MANUAL	1	1	1	1				
43	2	172437-03312	LABEL, SLOPE	1	1	1	1				
44	2	172437-03322	LABEL, RESEVOIR	1	1	1	1				
45	2	172437-03343	LABEL, TRANSPORT	1	1	1	1				
46	2	172437-03352	LABEL, CYLINDER	2	2	2	2				
47	2	172437-03361	LABEL, BATTERY	1	1	1	1				
48	2	172437-03372	LABEL, NEUTRAL	1	1	1	1				
49	2	172437-03381	LABEL, SWING AREA	1	1	1	1				
50	2	172437-03391	LABEL, RADIATOR	1	1	1	1				
51	2	172437-03402	LABEL, ENGINE COVER	1	1	1	1				
52	2	172437-03422	LABEL, MUFFLER	2	2	2	2				
53	2	172437-03432	LABEL, STEERING	1	1	1	1				
54	2	172437-03441	LABEL, ROPS	1	1	1	1				
55	2	172437-03451	LABEL, SEAT BELT	1	1	1	1				
56	2	172437-03461	LABEL, BOOM	2	2	2	2				
57	2	172437-03471	LABEL, LEVER LOCK	1	1	1	1				
58	2	172A47-03250	LABEL, PTO FOOT	1	1	1	1				
59	2	172A47-03260	LABEL, PTO SWITCH	1	1	1	1				
60	2	172A47-03270	LABEL, PTO SELECT	1	1	1	1				
61	2	172A47-03220	LABEL,2-WAY	1	1	1					
62	2	172437-03601	LABEL, 2-WAY US	1	1	1					
63	2	172A47-03390	LAVEL,MULTILEVER US					1			2
64	2	172A47-03410	LABEL,4 WAY US					1			2
65	2	114110-07760	LABEL, FUEL CAUTION	1	1	1	1				
65-1	2	114110-07761	LABEL, FUEL OIL CAUT	1	1	1	1			N	
	(A=M53499)	(B=M53499)	(C=M53499)	(D=M53499)							
66	2	172A47-03371	LABEL,PTO EX	1	1	1	1			W	
	(A=M53005)	(B=M53005)	(C=M53005)	(D=M53005)							
71	1	172A77-03110	EMBLEM ASSY	1	1	1	1			W	
	(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)							

(3) Interchangeable by simultaneous replacement with Ref.No.11-1,16-1.

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

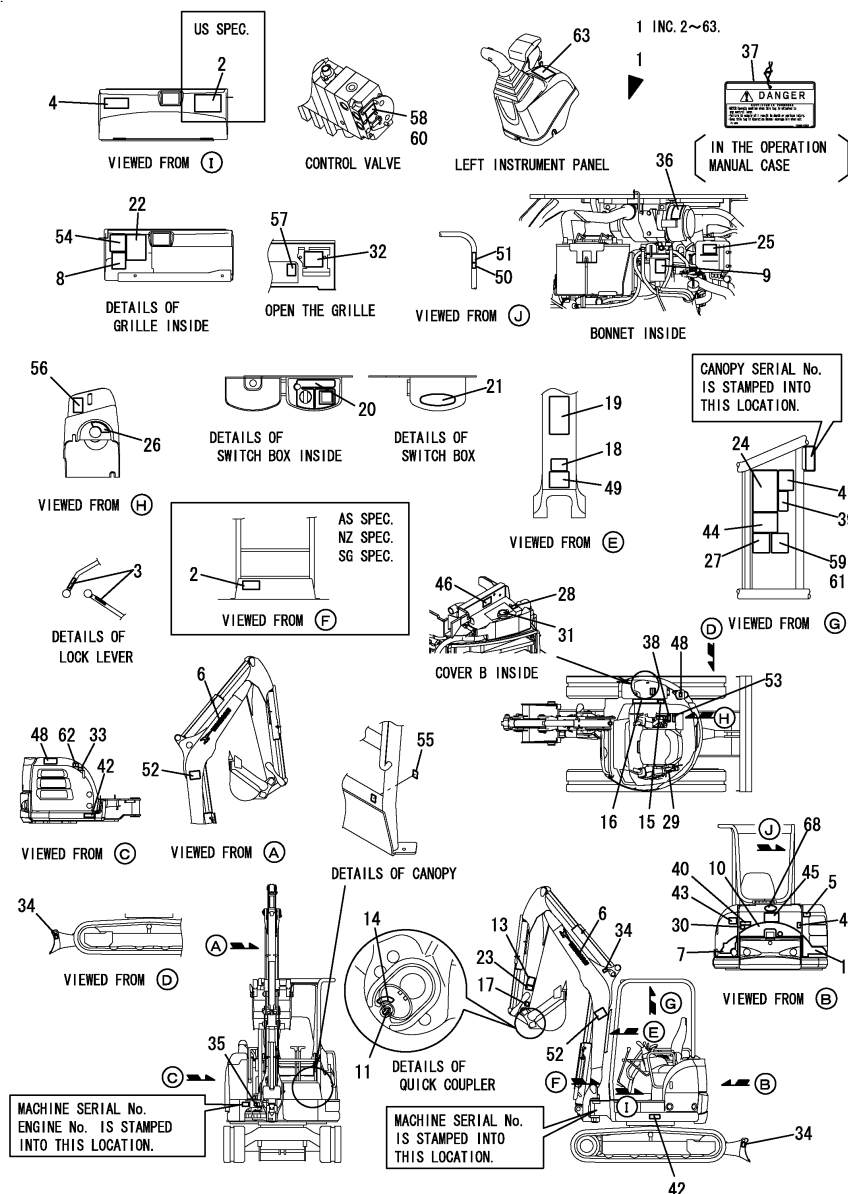
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	772A84-03150	SET,LABEL VIO27-5BUS	1	1	1	1				
1-1	1	772A84-03151	SET,LABEL VIO27-5BUS	1	1	1	1			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
2	2	172472-03141	LABEL, SUPPORT	2	2	2	2				
3	2	172183-03280	LABEL, LOCK	2	2	2	2				
4	2	172A84-03320	LABEL SPEC US	1	1	1	1				
4-1	2	172A84-03321	LABEL SPEC US	1	1	1	1			N	
		(A=M/#53092) (B=M/#53092) (C=M/#53092) (D=M/#53092)									
5	2	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
6	2	172531-03030	LABEL, YANMAR	2	2	2	2				
6-1	2	172A77-03030	LABEL, YANMAR	2	2	2	2			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
7	2	172A44-03151	LABEL, SPECIFICATION	1	1	1	1				
7-1	2	172A44-03152	LABEL, SPECIFICATION	1	1	1	1			S	3
		(A=M53085) (B=M53085) (C=M53085) (D=M53085)									
7-2	2	172A84-03150	LABEL, MODEL L	1	1	1	1			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
8	2	172467-03150	LABEL, GREASING	1	1	1	1				
8-1	2	172467-03151	LABEL, GREASING	1	1	1	1			N	
		(A=M53094) (B=M53094) (C=M53094) (D=M53094)									
9	2	172A07-03160	LABEL	1	1	1	1				
10	2	172A46-03161	LABEL, REAR	1	1	1	1				
11	2	172958-03160	LABEL	1	1	1	1				
12	2	172A44-03171	LABEL, SPECIFICATION	1	1	1	1				
12-1	2	172A44-03172	LABEL, SPECIFICATION	1	1	1	1			S	3
		(A=M53085) (B=M53085) (C=M53085) (D=M53085)									
12-2	2	172A84-03170	LABEL, MODEL R	1	1	1	1			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
13	2	172472-03230	LABEL, OPERATION	1	1	1	1				
14	2	172458-03240	LABEL, LOCK	1	1	1	1				
15	2	172472-03241	LABEL, PINUS	1	1	1	1				
16	2	172472-03250	LABEL, OPERATION	1	1	1	1				
17	2	172472-03261	LABEL, FINGER	1	1	1	1				
18	2	172472-03271	LABEL, SANDUS	1	1	1	1				
19	2	172472-03281	LABEL, WARNING HITCH	1	1	1	1				
20	2	172472-03290	LABEL, SWITCH	1	1	1	1				
21	2	172472-03300	LABEL, COVER	1	1	1	1				
22	2	172A46-03330	LABEL, OIL & WATER	1	1	1	1				
23	2	172472-03330	LABEL, LOCK PIN	1	1	1	1				
24	2	172A44-03352	LABEL, LIFT Q US	1	1	1	1				
25	2	172A38-03201	LABEL, SUB TANK	1	1	1	1				
26	2	172A64-03700	LABEL, START SWITCH	1	1	1	1				
27	2	172490-03200	LABEL, OPERATION	1	1	1	1				
28	2	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				
29	2	172458-03220	LABEL, ACCELERATOR	1	1	1	1				
30	2	172463-03290	LABEL, HYD.OIL	1	1	1	1				
31	2	172462-03320	LABEL, RADIATOR	1	1	1	1				
32	2	172A47-03340	LABEL, FUSE	1	1	1	1				
32-1	2	172A47-03341	LABEL, FUSE US	1	1	1	1			N	
		(A=M53094) (B=M53094) (C=M53094) (D=M53094)									
33	2	172437-03501	LABEL, FUEL	1	1	1	1				

Remarks
(1)Rubber crawler spec.
(2)SG spec.
(3)Interchangeable by simultaneous replacement with Ref.No.7-1,12-1.



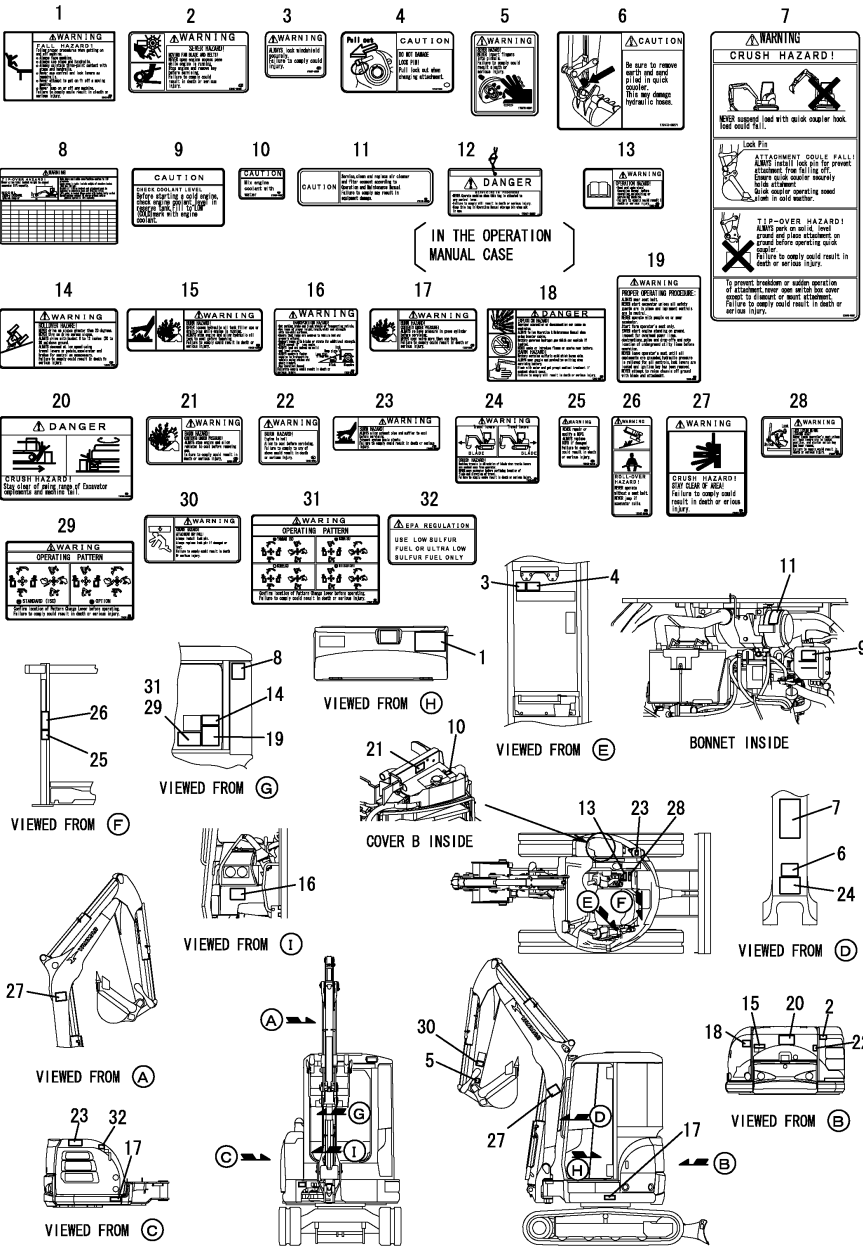
No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)			(D)=VIO27-5B(SG) (E)= (F)=			I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
34	2	172437-03511	LABEL, HOOK	3	3	3	3				
35	2	172156-03740	LABEL, GREASE	1	1	1	1				
36	2	172125-03951	LABEL, AIR CLEANER	1	1	1	1				
37	2	172437-03252	TAG ASSY, CAUTION	1	1	1	1				
38	2	172437-03302	LABEL, MANUAL	1	1	1	1				
39	2	172437-03312	LABEL, SLOPE	1	1	1	1				
40	2	172437-03322	LABEL, RESEVOIR	1	1	1	1				
41	2	172437-03343	LABEL, TRANSPORT	1	1	1	1				
42	2	172437-03352	LABEL, CYLINDER	2	2	2	2				
43	2	172437-03361	LABEL, BATTERY	1	1	1	1				
44	2	172437-03372	LABEL, NEUTRAL	1	1	1	1				
45	2	172437-03381	LABEL, SWING AREA	1	1	1	1				
46	2	172437-03391	LABEL, RADIATOR	1	1	1	1				
47	2	172437-03402	LABEL, ENGINE COVER	1	1	1	1				
48	2	172437-03422	LABEL, MUFFLER	2	2	2	2				
49	2	172437-03432	LABEL, STEERING	1	1	1	1				
50	2	172437-03441	LABEL, ROPS	1	1	1	1				
51	2	172437-03451	LABEL, SEAT BELT	1	1	1	1				
52	2	172437-03461	LABEL, BOOM	2	2	2	2				
53	2	172437-03471	LABEL, LEVER LOCK	1	1	1	1				
54	2	172437-03242	LABEL, CRAWLER	1	1	1	1				1
55	2	172A47-03250	LABEL, PTO FOOT	1	1	1	1				
56	2	172A47-03260	LABEL, PTO SWITCH	1	1	1	1				
57	2	172A47-03270	LABEL, PTO SELECT	1	1	1	1				
58	2	172A47-03220	LABEL, 2-WAY	1	1	1					
59	2	172437-03601	LABEL, 2-WAY US	1	1	1					
60	2	172A47-03390	LAVEL, MULTILEVER US					1			2
61	2	172A47-03410	LABEL, 4 WAY US					1			2
62	2	114110-07760	LABEL, FUEL CAUTION	1	1	1	1				
62-1	2	114110-07761	LABEL, FUEL OIL CAUT	1	1	1	1				N
63	2	172A47-03371	LABEL, PTO EX	1	1	1	1				W
68	1	172A77-03110	EMBLEM ASSY	1	1	1	1				W

(3) Interchangeable by simultaneous replacement with Ref.No.7-1,12-1.

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

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03141	LABEL, SUPPORT	1	1	1	1				
2	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
3	1	172437-03551	LABEL, WINDOW US	1	1	1	1				
4	1	172472-03241	LABEL, PINUS	1	1	1	1				
5	1	172472-03261	LABEL, FINGER	1	1	1	1				
6	1	172472-03271	LABEL, SANDUS	1	1	1	1				
7	1	172472-03281	LABEL, WARNING HITCH	1	1	1	1				
8	1	172A44-03352	LABEL,LIFT Q US	1	1	1	1				
9	1	172A38-03201	LABEL, SUB TANK	1	1	1	1				
10	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				
11	1	172125-03951	LABEL, AIR CLEANER	1	1	1	1				
12	1	172437-03252	TAG ASSY, CAUTION	1	1	1	1				
13	1	172437-03302	LABEL, MANUAL	1	1	1	1				
14	1	172437-03312	LABEL, SLOPE	1	1	1	1				
15	1	172437-03322	LABEL, RESEVOIR	1	1	1	1				
16	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				
17	1	172437-03352	LABEL, CYLINDER	2	2	2	2				
18	1	172437-03361	LABEL, BATTERY	1	1	1	1				
19	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				
20	1	172437-03381	LABEL, SWING AREA	1	1	1	1				
21	1	172437-03391	LABEL, RADIATOR	1	1	1	1				
22	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1				
23	1	172437-03422	LABEL, MUFFLER	2	2	2	2				
24	1	172437-03432	LABEL, STEERING	1	1	1	1				
25	1	172437-03441	LABEL, ROPS	1	1	1	1				
26	1	172437-03451	LABEL, SEAT BELT	1	1	1	1				
27	1	172437-03461	LABEL, BOOM	2	2	2	2				
28	1	172437-03471	LABEL, LEVER LOCK	1	1	1	1				
29	1	172437-03601	LABEL, 2-WAY US	1	1	1	1				
30	1	172472-03330	LABEL, LOCK PIN	1	1	1	1				
31	1	172A47-03410	LABEL,4 WAY US							1	1
32	1	114110-07760	LABEL, FUEL CAUTION	1	1	1	1				
32-1	1	114110-07761	LABEL, FUEL OIL CAUT	1	1	1	1				N
(A=M53499) (B=M53499) (C=M53499) (D=M53499)											

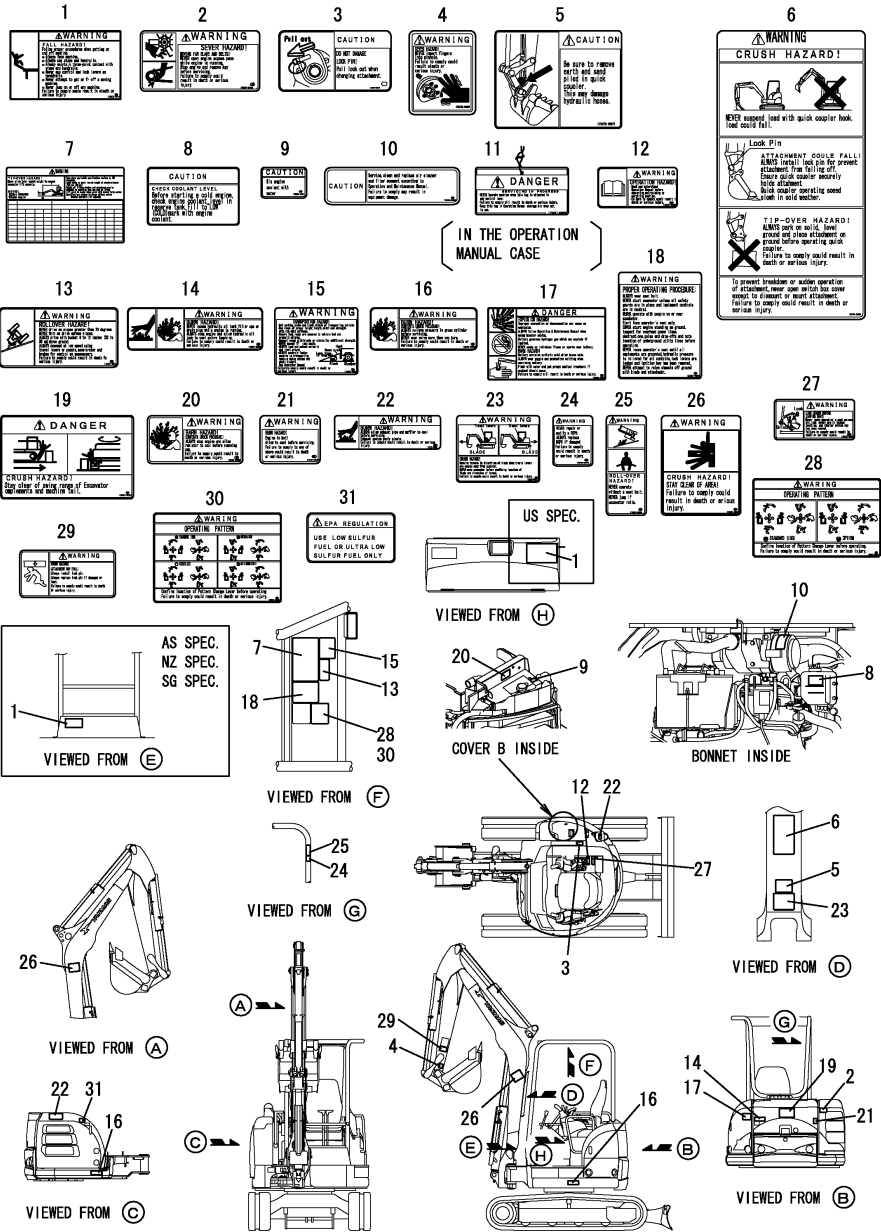
Remarks
(1)SG spec.

OCS10-M52701 LABEL & ACCESSORY

Fig.4. SAFETY LABEL(CANOPY)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



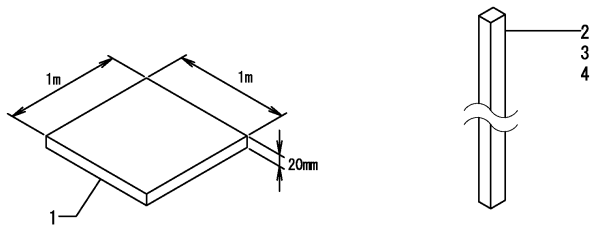
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03141	LABEL, SUPPORT	2	2	2	2				
2	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
3	1	172472-03241	LABEL, PINUS	1	1	1	1				
4	1	172472-03261	LABEL, FINGER	1	1	1	1				
5	1	172472-03271	LABEL, SANDUS	1	1	1	1				
6	1	172472-03281	LABEL, WARNING HITCH	1	1	1	1				
7	1	172A44-03352	LABEL, LIFT Q US	1	1	1	1				
8	1	172A38-03201	LABEL, SUB TANK	1	1	1	1				
9	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				
10	1	172125-03951	LABEL, AIR CLEANER	1	1	1	1				
11	1	172437-03252	TAG ASSY, CAUTION	1	1	1	1				
12	1	172437-03302	LABEL, MANUAL	1	1	1	1				
13	1	172437-03312	LABEL, SLOPE	1	1	1	1				
14	1	172437-03322	LABEL, RESEVOIR	1	1	1	1				
15	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				
16	1	172437-03352	LABEL, CYLINDER	2	2	2	2				
17	1	172437-03361	LABEL, BATTERY	1	1	1	1				
18	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				
19	1	172437-03381	LABEL, SWING AREA	1	1	1	1				
20	1	172437-03391	LABEL, RADIATOR	1	1	1	1				
21	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1				
22	1	172437-03422	LABEL, MUFFLER	2	2	2	2				
23	1	172437-03432	LABEL, STEERING	1	1	1	1				
24	1	172437-03441	LABEL, ROPS	1	1	1	1				
25	1	172437-03451	LABEL, SEAT BELT	1	1	1	1				
26	1	172437-03461	LABEL, BOOM	2	2	2	2				
27	1	172437-03471	LABEL, LEVER LOCK	1	1	1	1				
28	1	172437-03601	LABEL, 2-WAY US	1	1	1					
29	1	172472-03330	LABEL, LOCK PIN	1	1	1	1				
30	1	172A47-03410	LABEL, 4 WAY US							1	1
31	1	114110-07760	LABEL, FUEL CAUTION	1	1	1	1				
31-1	1	114110-07761	LABEL, FUEL OIL CAUT	1	1	1	1				N
(A)=M53499) (B)=M53499) (C)=M53499) (D)=M53499)											

Remarks
(1)SG spec.

Fig.5. REPAIR PARTS

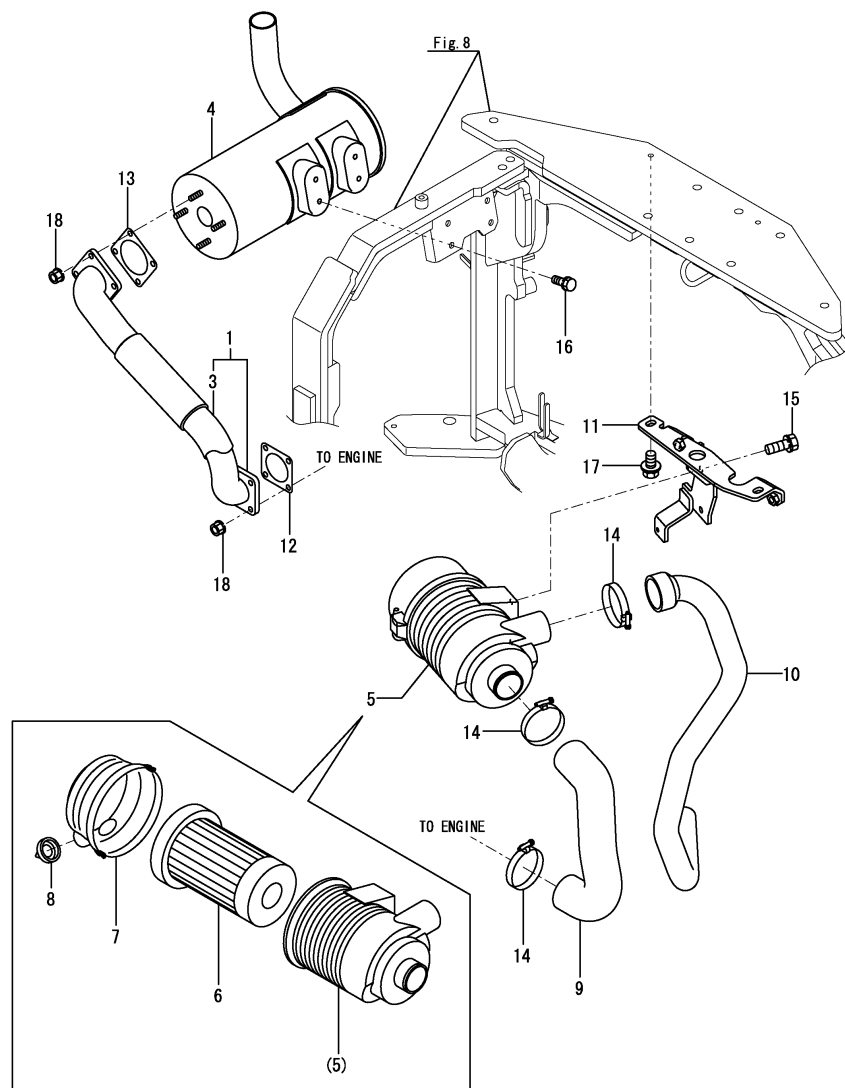
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-65750	SPONGE	1	1	1	1				
2	1	172478-68600	SEAL, DAM	1	1	1	1				1
3	1	172478-68610	SEAL, DAM	1	1	1	1				1
4	1	172478-68620	SEAL, DAM	1	1	1	1				1



Remarks
(1) Spare parts.
L=Ref.No.2:1000mm, No.3:2000mm, No.4:3000mm.

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	172A45-11301	TUBE ASSY, EXHAUST	1	1	1	1				
3	2	172A46-11390	TAPE, INSURATOR	3	3	3	3				
4	1	172A46-11302	MUFFLER ASSY	1	1	1	1				
4-1	1	172A77-11300	SILENCER ASSY	1	1	1	1			N	
	(A=M53534)	(B=M53534)	(C=M53534)	(D=M53534)							
5	1	172A46-11500	CLEANER ASSY, AIR	1	1	1	1				1
6	2	129004-12520	ELEMENT	1	1	1	1				
6-1	2	119808-12520	ELEMENT	1	1	1	1			R	
	(A=M53831)	(B=M53831)	(C=M53831)	(D=M53831)							
7	2	119866-12530	COVER ASSY	1	1	1	1				
8	2	119808-12540	VALVE, UNLOADER	1	1	1	1				
9	1	172A46-11510	HOSE, AIR CLEANER	1	1	1	1				
10	1	172A46-11520	HOSE, AIR CLEANER	1	1	1	1				
11	1	172A46-11550	BRACKET ASSY	1	1	1	1				
12	1	124701-11911	GASKET, SILENCER	1	1	1	1				
13	1	129400-13201	GASKET, SILENCER	1	1	1	1				
14	1	23000-070000	CLAMP, 70	3	3	3	3				
15	1	26013-080202	BOLT, M8X 20	2	2	2	2				
16	1	26013-080252	BOLT, M8X 25	4	4	4	4				
17	1	26014-100252	BOLT, M10X 25	2	2	2	2				
18	1	26051-080002	NUT, M8	8	8	8	8				
19A	1	172125-03951	LABEL, AIR CLEANER	1	1	1	1				2

Remarks
(1) Please use this part with following label at the same time.
Ref.No.19A.

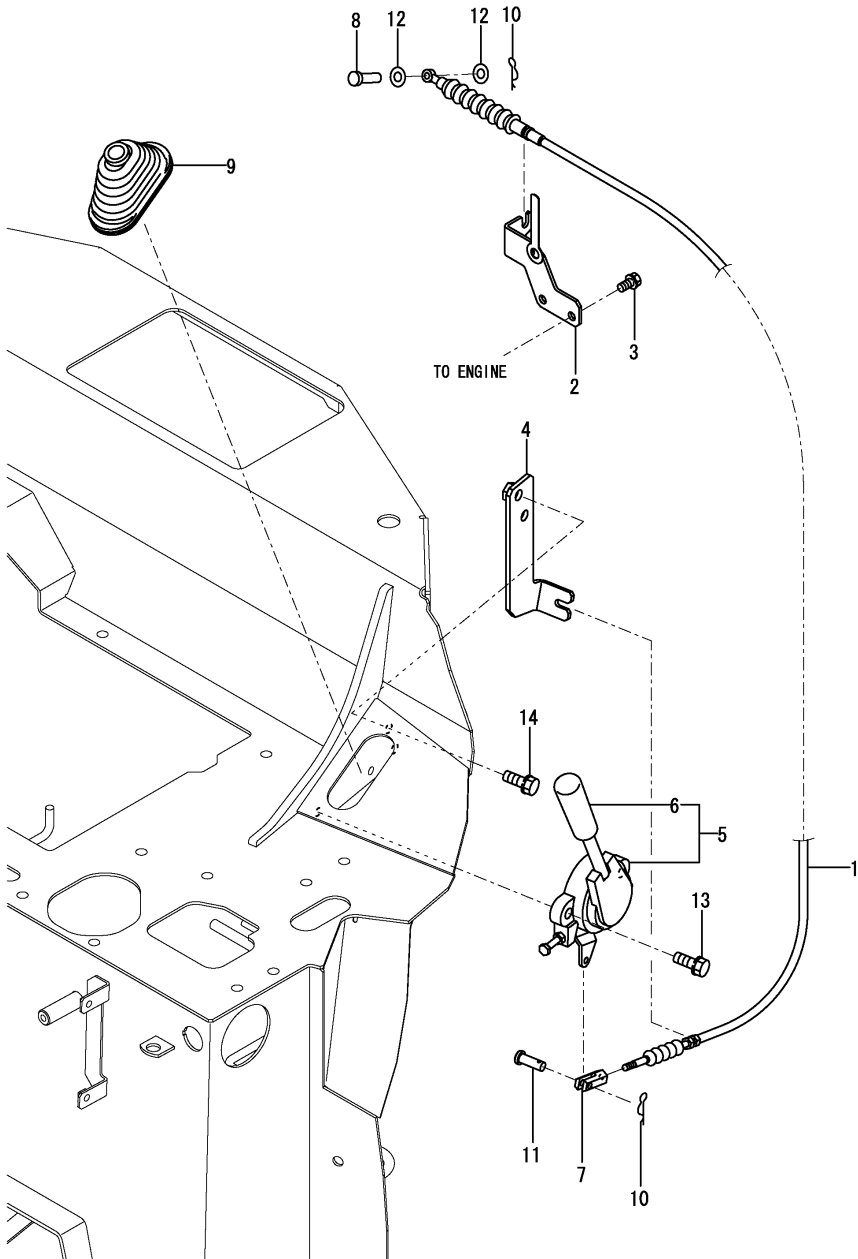
(2) Label is not illustrated.

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

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

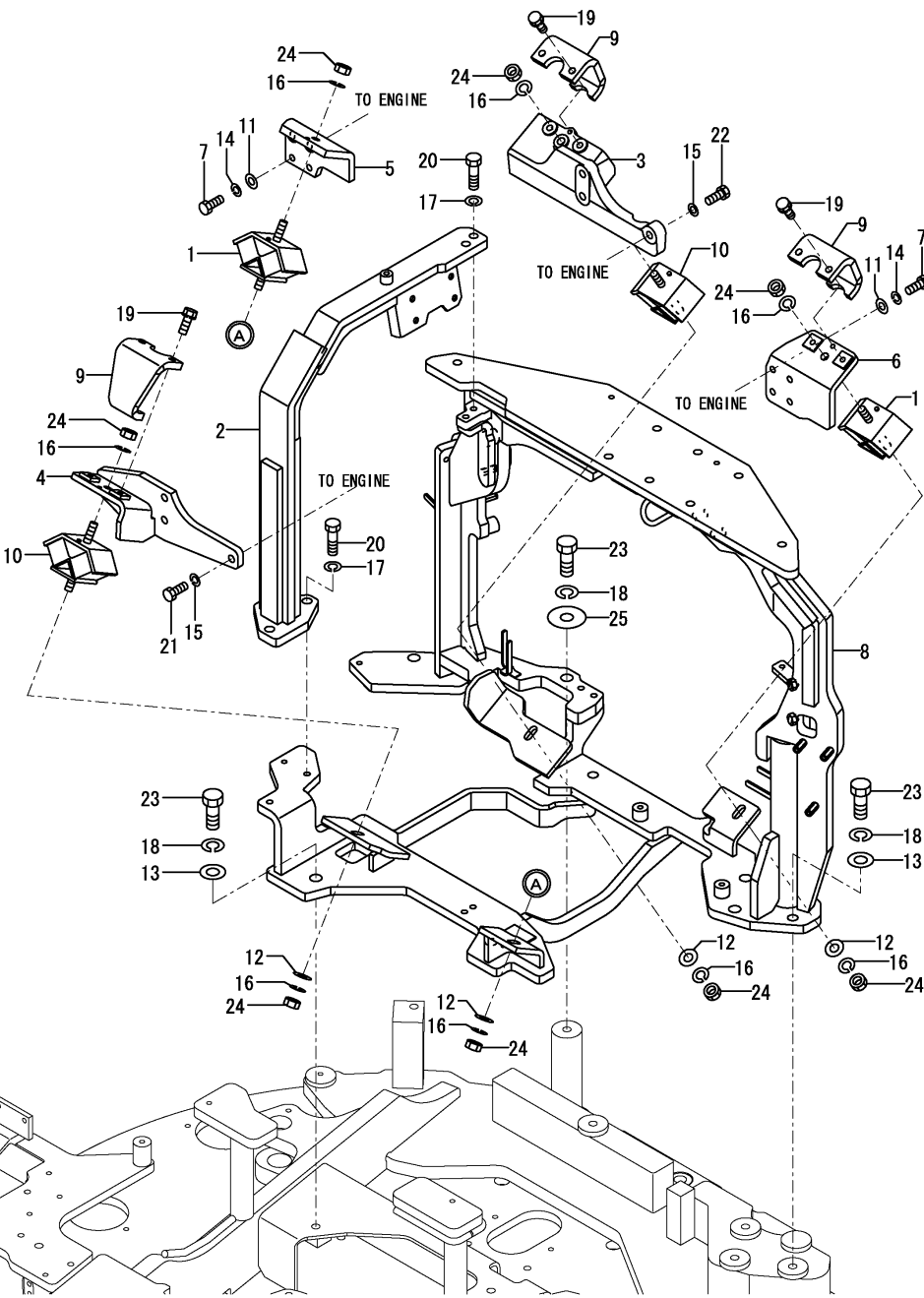
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-12101	CABLE, ACCELERATOR	1	1	1	1				
2	1	172A45-12150	BRACKET	1	1	1	1				
3	1	26013-080162	BOLT, M8X 16	2	2	2	2				
4	1	172A47-12110	BRACKET, CABLE	1	1	1	1				
5	1	172A47-12141	LEVER, ACCELERATOR	1	1	1	1				
6	2	172165-12140	GRIP	1	1	1	1				
6-1	2	172A79-12150	GRIP	1	1	1	1			N	
		(A=M53614)	(B=M53614)			(C=M53614)	(D=M53614)				
7	1	172137-12270	JOINT, CABLE	1	1	1	1				
8	1	172113-12522	PIN, CABLE	1	1	1	1				
9	1	172141-41340	BOOT	1	1	1	1				
10	1	1C6281-52310	PIN, SNAP 6	2	2	2	2				
11	1	1A1040-56900	PIN, 6X17	1	1	1	1				
12	1	22137-060000	WASHER, 6	2	2	2	2				
13	1	26013-100252	BOLT, M10X 25	2	2	2	2				
14	1	26013-100252	BOLT, M10X 25	2	2	2	2				

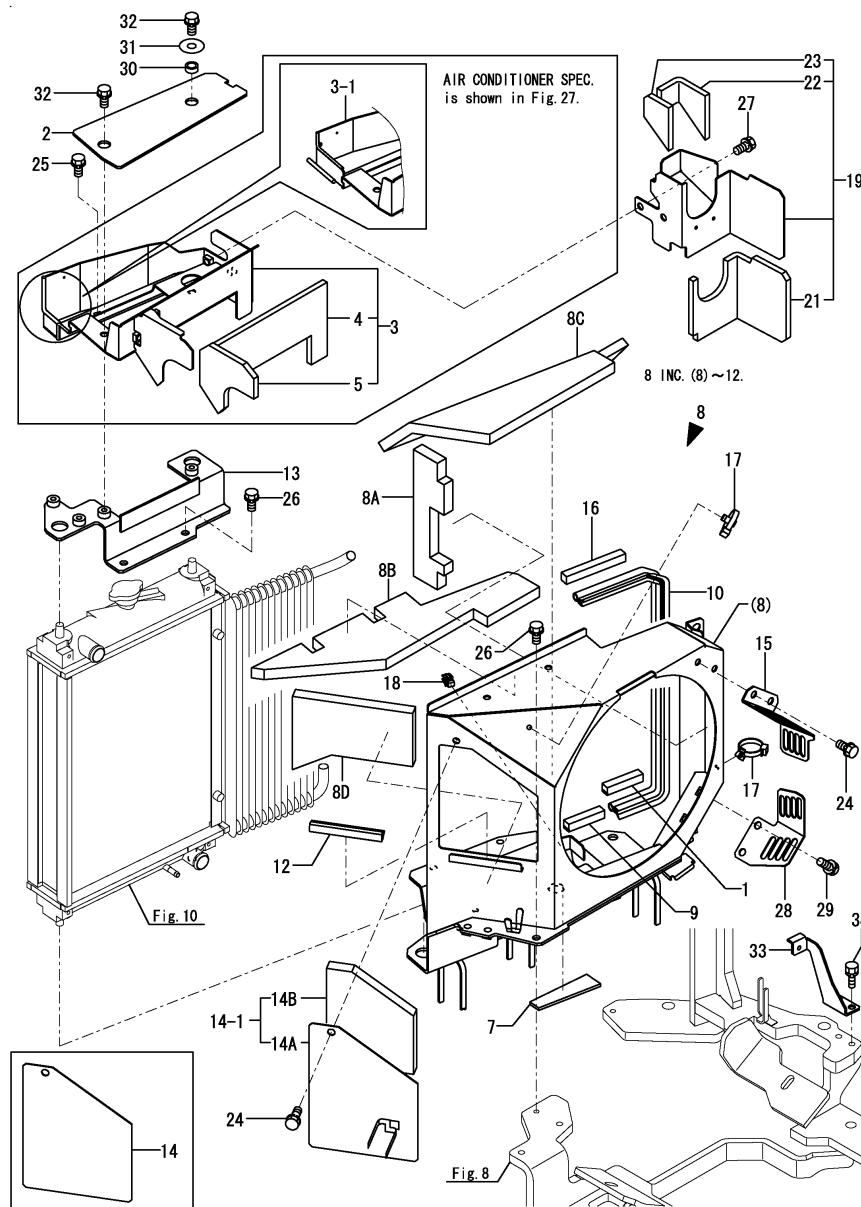


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	196420-02310	ABSORBER, SHOCK 230	2	2	2	2				
2	1	172A46-11311	BRACKET ASSY	1	1	1	1				
3	1	172458-13100	MOUNT, ENGINE	1	1	1	1				
4	1	172A45-13110	MOUNT L(ENG	1	1	1	1				
5	1	172175-13110	PLATE	1	1	1	1				
6	1	172490-13110	BRACKET	1	1	1	1				
6-1	1	172490-13111	BRACKET ASSY,EN BR	1	1	1	1			N	
		(A=M53114)	(B=M53114)	(C=M53114)	(D=M53114)						
6-2	1	172490-13112	BRACKET ASSY,EN BR	1	1	1	1			R	
		(A=M53831)	(B=M53831)	(C=M53831)	(D=M53831)						
7	1	172162-13200	BOLT	8	8	8	8				
8	1	172A45-13213	MOUNT ASSY,ENG	1	1	1	1				
8-1	1	172A45-13214	MOUNT ASSY,ENG	1	1	1	1			N	
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
8-2	1	172A45-13215	MOUNT ASSY,ENG	1	1	1	1			N	
		(A=M53114)	(B=M53114)	(C=M53114)	(D=M53114)						
9	1	172124-13230-3	STOPPER, ENGINE	3	3	3	3				
10	1	172168-13250	ABSORBER, SHOCK	2	2	2	2				
11	1	172137-46042	SEAT, SPRING	8	8	8	8				
12	1	22137-120000	WASHER, 12	4	4	4	4				
13	1	22137-160000	WASHER, 16	7	7	7	7				
14	1	22217-100000	WASHER, SPRING 10	8	8	8	8				
15	1	22217-120000	WASHER, SPRING 12	6	6	6	6				
16	1	22217-120000	WASHER, SPRING 12	8	8	8	8				
17	1	22217-120000	WASHER, SPRING 12	4	4	4	4				
18	1	22217-160000	WASHER, SPRING 16	8	8	8	8				
19	1	26013-100252	BOLT, M10X 25	6	6	6	6				
20	1	26076-120352	BOLT, 10.912X 35	4	4	4	4				
21	1	26076-120352	BOLT, 10.912X 35	3	3	3	3				
22	1	26076-120402	BOLT, 10.912X 40	3	3	3	3				
23	1	26076-160402	BOLT, 10.916X 40	8	8	8	8				
23-1	1	26076-160452	BOLT, 10.916X 45	8	8	8	8			N	
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
24	1	26716-120002	NUT, M12	8	8	8	8				
25	1	22157-160000	WASHER, 16	1	1	1	1				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-13060	SEAL, SHURAUD	1	1	1	1				
2	1	172A46-13090	MAT	1	1	1	1				
3	1	172A46-13120	BRACKET ASSY, DUCT	1	1	1	1				1
3-1	1	172A46-13121	BRACKET ASSY, DUCT	1	1	1	1			S	1
	(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)							
4	2	172A46-13130	WOOL, GLASS	1	1	1	1				
5	2	172A46-13140	WOOL, GLASS	1	1	1	1				
7	1	172A46-13530	SEAL, SHURAUD	1	1	1	1				
8	1	172A45-13541	SHROUD ASSY	1	1	1	1				
8-1	1	172A46-13542	SHROUD ASSY	1	1	1	1			N	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
8-2	1	172A45-13542	SHROUD ASSY	1	1	1	1			N	
	(A=M53005)	(B=M53005)	(C=M53005)	(D=M53005)							
8A	2	172A77-13610	SPONGE	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
8B	2	172A77-13620	SPONGE	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
8C	2	172A77-13630	SPONGE	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
8D	2	172A77-13640	SPONGE	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
9	2	172A46-13060	SEAL, SHURAUD	1	1	1	1				
10	2	172A46-13070	RUBBER, SEAL	1	1	1	1				
12	2	172458-61500	RUBBER, SEAL	1	1	1	1				
13	1	172A46-13660	BRACKET ASSY	1	1	1	1				
14	1	172A46-13030	COVER ASSY, SHROUD	1	1	1	1				
14-1	1	172A77-13650	COVER ASSY, SHROUD	1	1	1	1			N	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
14A	2	172A46-13030	COVER ASSY, SHROUD	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
14B	2	172A77-13660	SPONGE	1	1	1	1			W	
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
15	1	172A46-13900	GUARD, FAN	1	1	1	1				
16	1	172446-49280	SEAL	1	1	1	1				
17	1	194680-51670	BAND, CLIP	2	2	2	2				
18	1	1A7400-61250	HOLDER, ROD 8	1	1	1	1				
19	1	172A46-61340	COVER ASSY, SILENCER	1	1	1	1				
21	2	172A46-61250	WOOL, GLASS	1	1	1	1				
22	2	172A46-61260	WOOL, GLASS	1	1	1	1				
23	2	172A46-61270	WOOL, GLASS	1	1	1	1				
24	1	26013-100162	BOLT, M10X 16	3	3	3	3				
25	1	26013-100202	BOLT, M10X 20	2	2	2	2				
26	1	26013-100202	BOLT, M10X 20	3	3	3	3				
27	1	26013-100202	BOLT, M10X 20	3	3	3	3				
28	1	172A46-13910	GUARD, FAN	1	1	1	1				
29	1	26013-100162	BOLT, M10X 16	2	2	2	2				
30	1	172155-83170	SPACER	1	1	1	1				
31	1	22157-100000	WASHER, 10	1	1	1	1				
32	1	26013-100252	BOLT, M10X 25	2	2	2	2				
33	1	172A77-14290	PLATE,HOSE GUIDE	1	1	1	1			W	
	(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)							

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 ++

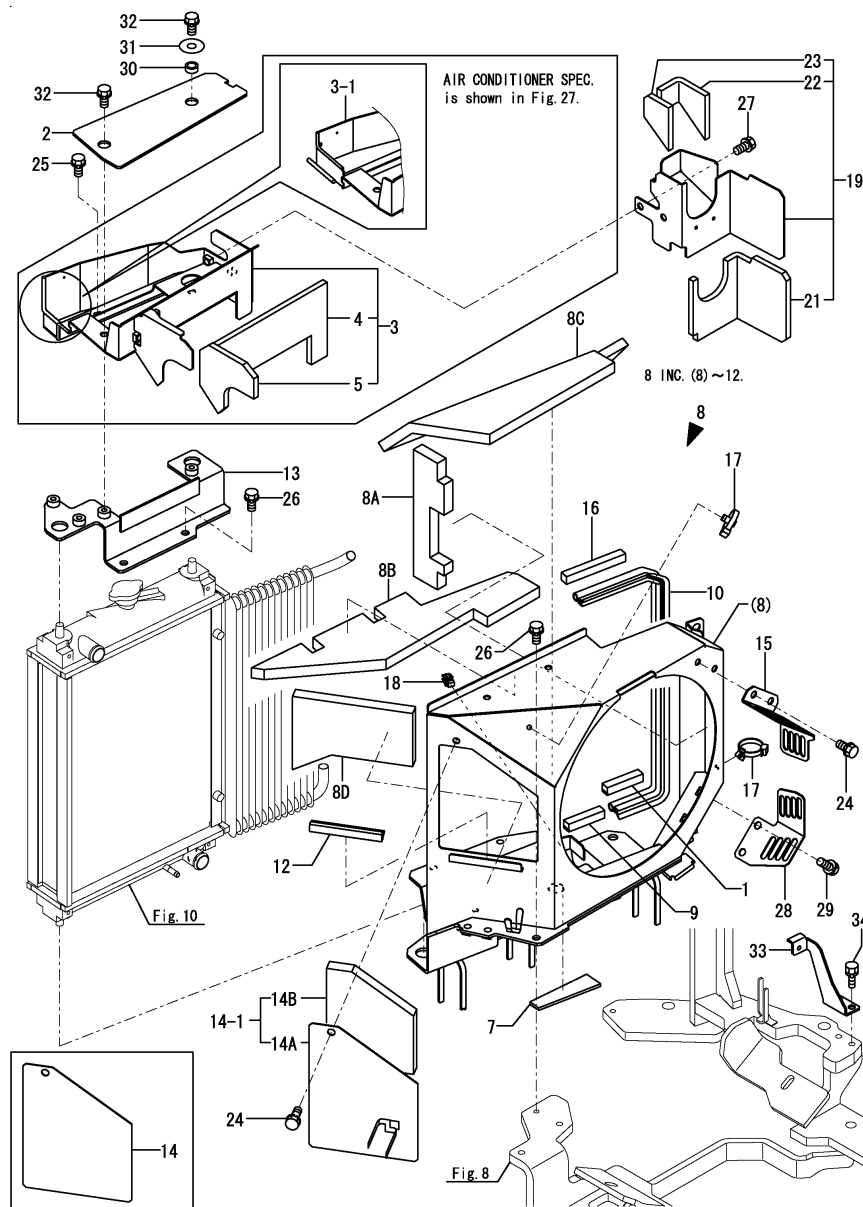
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Remarks

(1) Please use this part with following label at the same time.

Ref.No.34A,34B.

(2) Label is not illustrated.



No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
33-1	1	172A77-14291	PLATE,HOSE GUIDE	1	1	1	1			N	
		(A=M53156)	(B=M53156)	(C=M53156)	(D=M53156)						
34	1	26013-100252	BOLT, M10X 25	2	2	2	2			W	
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
34A	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				2
34B	1	172437-03391	LABEL, RADIATOR	1	1	1	1				

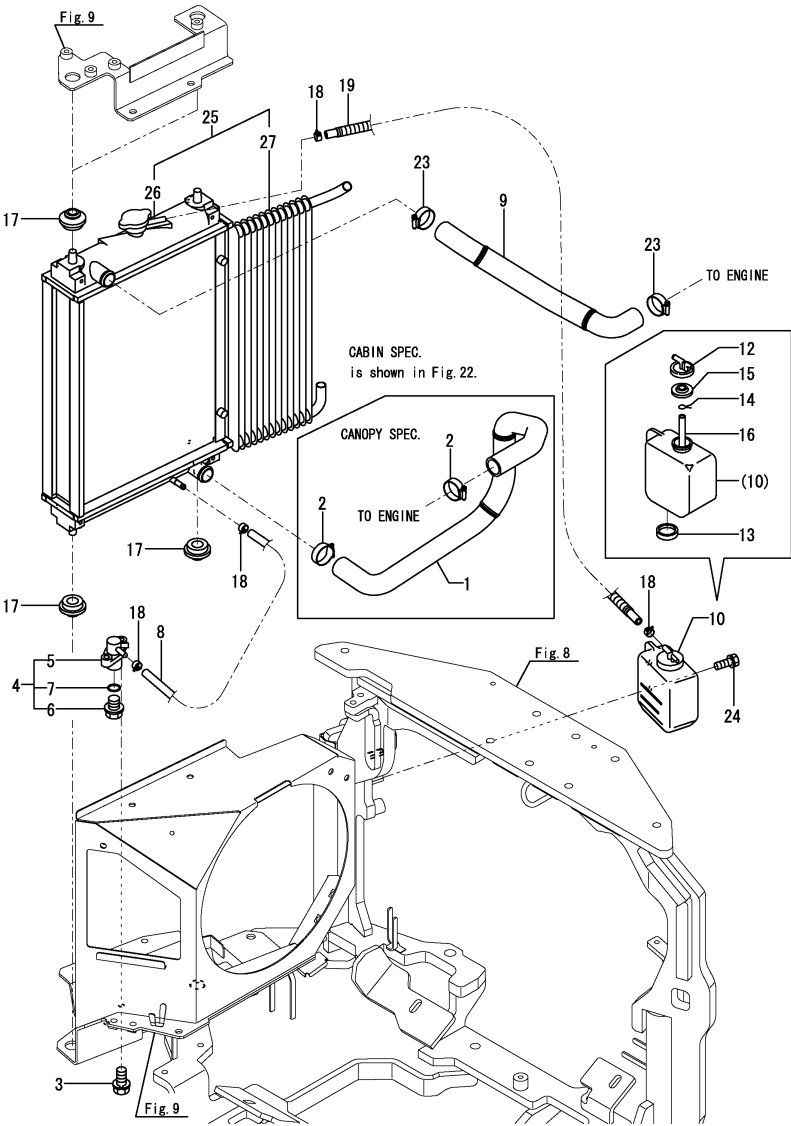
(2) Label is not illustrated.

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

0CS10-M52701 ENGINE RELATED
Fig.10. RADIATOR & SUB-TANK

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

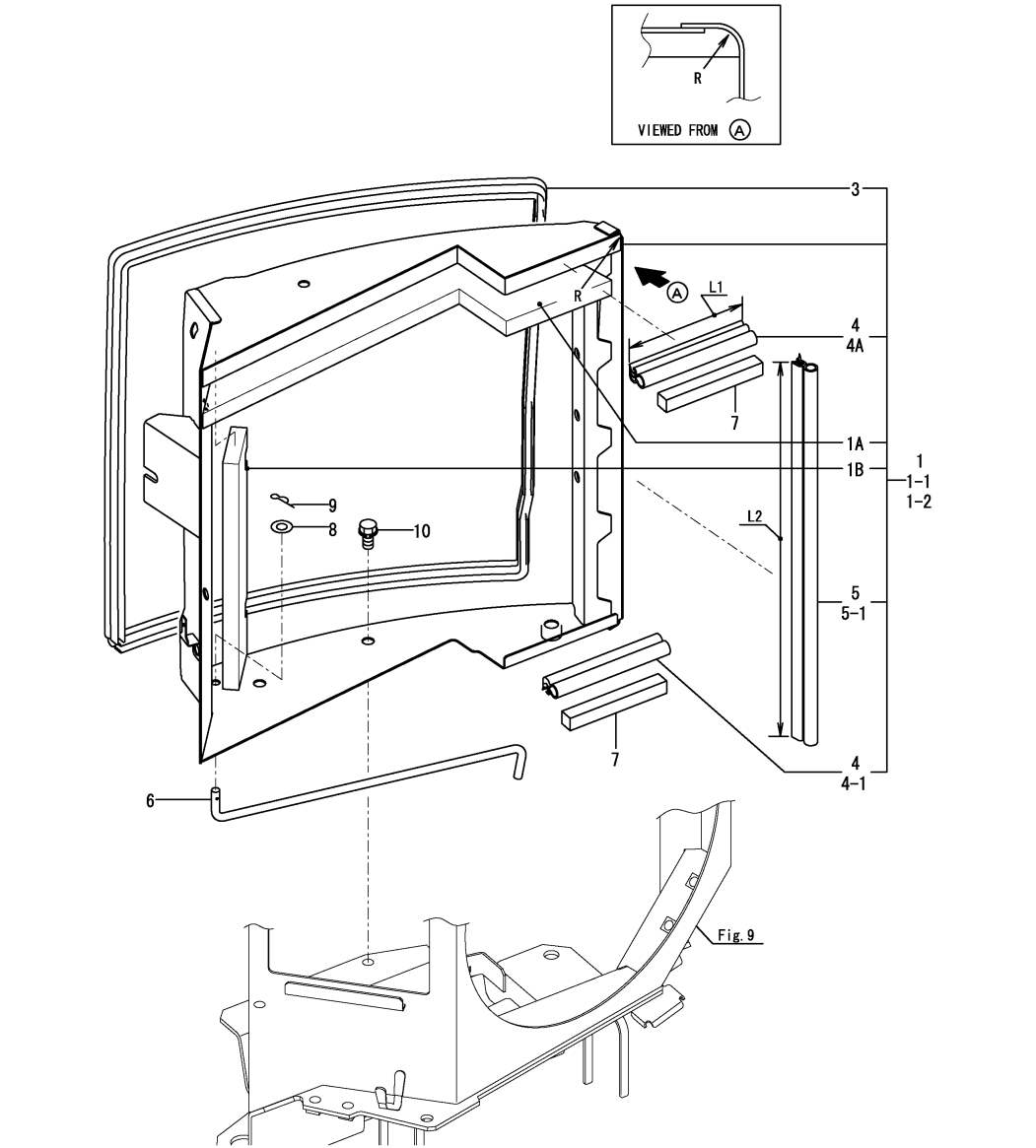


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A45-13500	PIPE, WATER	1	1	1	1				4
1-1	1	172A45-13501	PIPE, WATER	1	1	1	1			N	4
(A=M/#53185) (B=M/#53185) (C=M/#53185) (D=M/#53185)											
2	1	23001-041000	CLAMP, HOSE 41	2	2	2	2				4
3	1	26013-080202	BOLT, M8X 20	2	2	2	2				
4	1	172444-13210	COCK ASSY, 2-WAY	1	1	1	1				
5	2	172444-13220	BODY	1	1	1	1				
6	2	121250-49121	PLUG, DRAIN	1	1	1	1				
7	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
8	1	172124-13411	HOSE	1	1	1	1				
9	1	172A45-13510	PIPE, WATER	1	1	1	1				
9-1	1	172A45-13511	HOSE,CW-T B	1	1	1	1			N	
(A=M/#53185) (B=M/#53185) (C=M/#53185) (D=M/#53185)											
10	1	121468-44510	TANK ASSY	1	1	1	1				2
10-1	1	121468-44520	TANK ASSY, SUB	1	1	1	1			N	2
(A=M53060) (B=M53060) (C=M53060) (D=M53060)											
12	2	121450-44531	CAP	1	1	1	1				
13	2	121468-44540	PLUG	1	1	1	1				Z
(A=M53060) (B=M53060) (C=M53060) (D=M53060)											
14	2	124450-44560	RETAINER	1	1	1	1				
15	2	121470-44581	GASKET	1	1	1	1				
16	2	23065-070130	PIPE, 7X 130	1	1	1	1				
17	1	184015-44680	ABSORBER, SHOCK	4	4	4	4				
18	1	124766-59050	CLIP, HOSE 12	4	4	4	4				
19	1	184014-59450	PIPE ASSY, FUEL	1	1	1	1				
23	1	23001-041000	CLAMP, HOSE 41	2	2	2	2				
24	1	26013-060202	BOLT, M6X 20	2	2	2	2				
25	1	172A46-13150	RADIATOR ASSY	1	1	1	1				1
26	2	172A46-13160	RADIATOR	1	1	1	1				
27	2	172A46-13200	COOLER, OIL	1	1	1	1				
28A	1	172462-03320	LABEL, RADIATOR	1	1	1	1				3
29A	1	172A38-03201	LABEL, SUB TANK	1	1	1	1				3

Remarks
(1)Please use this part with following label at the same time.
Ref.No.28A.
(2)Please use this part with following label at the same time.
Ref.No.29A.
(3)Label is not illustrated.
(4)Canopy spec.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



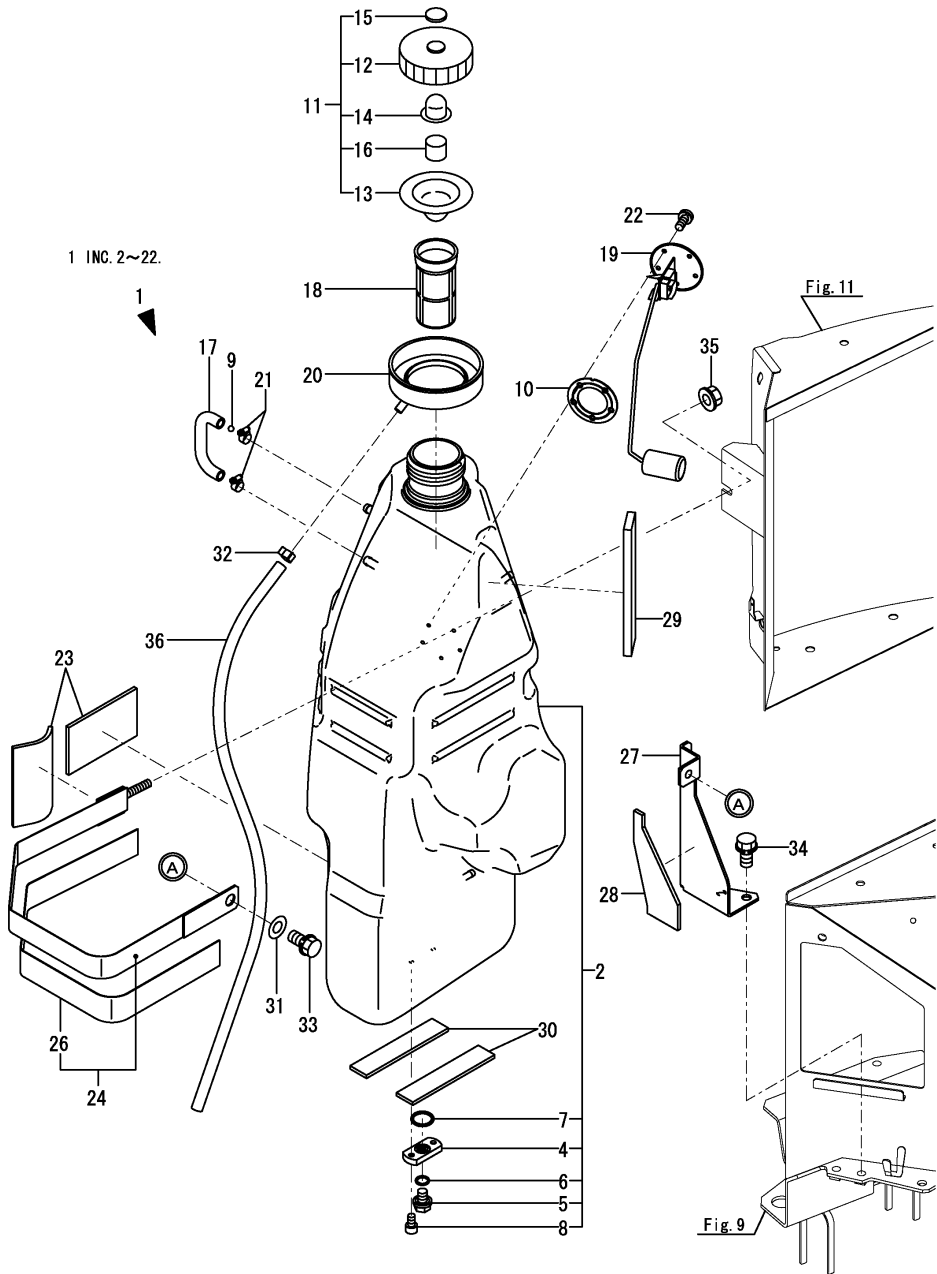
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-13000	DUCT ASSY	1	1	1	1				
1-1	1	172A46-13001	DUCT ASSY	1	1	1	1			N	
		(A=M53001) (B=M53001) (C=M53001) (D=M53001)									
1-2	1	172A46-13002	DUCT ASSY	1	1	1	1			S	1
		(A=M/#53227) (B=M/#53227) (C=M/#53227) (D=M/#53227)									
1A	2	172A77-13710	SPONGE	1	1	1	1			W	
		(A=M53001) (B=M53001) (C=M53001) (D=M53001)									
1B	2	172A77-13720	SPONGE	1	1	1	1			W	
		(A=M53001) (B=M53001) (C=M53001) (D=M53001)									
3	2	172A46-13780	SEAL	1	1	1	1				
4	2	172A46-13800	RUBBER, SEAL	2	2	2	2				
4-1	2	172A46-13800	RUBBER, SEAL	1	1	1	1			K	
		(A=M/#53227) (B=M/#53227) (C=M/#53227) (D=M/#53227)									
4A	2	172446-13530	SEAL, RADIATOR	1	1	1	1			W	2
		(A=M/#53227) (B=M/#53227) (C=M/#53227) (D=M/#53227)									
5	2	172A46-13810	RUBBER, SEAL	1	1	1	1				
5-1	2	172455-13620	RUBBER, SEAL	1	1	1	1			S	3
		(A=M/#53227) (B=M/#53227) (C=M/#53227) (D=M/#53227)									
6	1	172A47-13780	HOOK	1	1	1	1				
7	1	172446-49280	SEAL	2	2	2	2				
8	1	22137-080000	WASHER, 8	1	1	1	1				
9	1	22372-080000	PIN, SNAP 8	1	1	1	1				
10	1	26013-100202	BOLT, M10X 20	2	2	2	2				

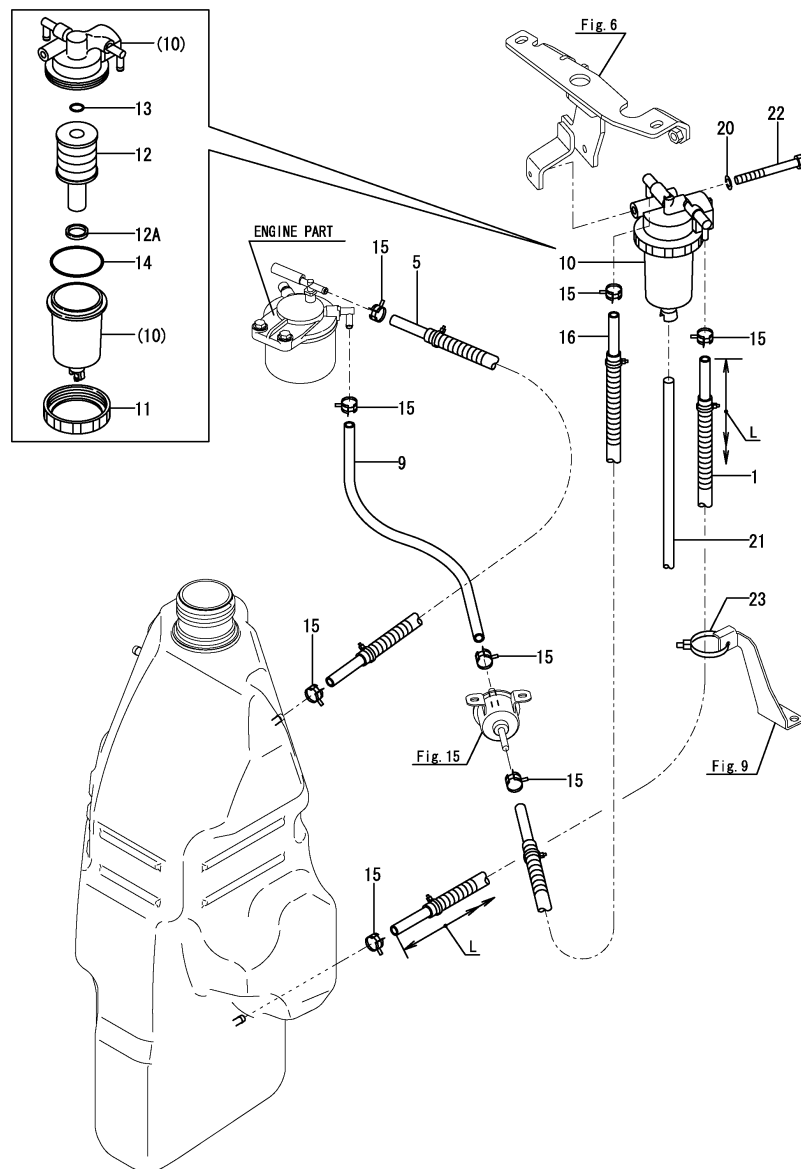
Remarks
(1)R=Ref.No.1-1:2mm, No.1-2:30mm.
(2)L1=Ref.No.4:135mm, No.4A:125mm.
(3)L2=Ref.No.5:455mm, No.5-1:480mm.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A77-14100	TANK ASSY, FUEL	1	1	1	1				
2	2	172A46-14110	TANK ASSY, FUEL	1	1	1	1				
4	3	172447-14310	BLOCK, DRAIN	1	1	1	1				
5	3	23491-080002	PLUG, 8	1	1	1	1				
6	3	24311-000090	O-RING, 1AP9.0	1	1	1	1				
7	3	24311-000160	O-RING, 1AP16.0	1	1	1	1				
7-1	3	172A46-14550	PACKING	1	1	1	1				N
(A=*2016.01.) (B=*2016.01.) (C=*2016.01.) (D=*2016.01.)											
8	3	26450-060102	BOLT, M6X 10	2	2	2	2				
9	2	172447-14160	FLOAT	1	1	1	1				
10	2	172162-14200	GASKET	1	1	1	1				
11	2	172444-14200	CAP, FUEL	1	1	1	1				
12	3	172444-14450	CAP	1	1	1	1				
13	3	172444-14460	PACKING, RUBBER	1	1	1	1				
14	3	172444-14470	PACKING, RUBBER	1	1	1	1				
15	3	172444-14480	WASHER	1	1	1	1				
16	3	172444-14490	SPONGE	1	1	1	1				
17	2	172458-14203	HOSE, FUEL GAUGE	1	1	1	1				
18	2	172183-14250	FILTER, FUEL	1	1	1	1				
19	2	172A77-14220	GAUGE, FUEL	1	1	1	1				
20	2	172458-14370	SUMP, FUEL	1	1	1	1				
21	2	23000-013000	CLAMP, 13	2	2	2	2				
22	2	26022-050122	SCREW, M5X12	5	5	5	5				
23	1	172444-14130	PLATE, RUBBER	2	2	2	2				
24	1	172A46-14150	CLAMP ASSY, FUEL	1	1	1	1				
26	2	172A46-14180	RUBBER, CLAMP	1	1	1	1				
27	1	172A46-14190	STAY, CLAMP	1	1	1	1				
28	1	172A46-14240	PLATE, RUBBER	1	1	1	1				
29	1	172A46-14250	PLATE, RUBBER	1	1	1	1				
30	1	172458-14380	PLATE, RUBBER	2	2	2	2				
31	1	22137-100000	WASHER, 10	1	1	1	1				
32	1	23080-013000	CLAMP, 13	1	1	1	1				
33	1	26013-100202	BOLT, SPRING M10X 20	1	1	1	1				
34	1	26013-100202	BOLT, SPRING M10X 20	2	2	2	2				
35	1	26367-100002	NUT, M10	2	2	2	2				
36	1	172A47-14520	HOSE	1	1	1	1				



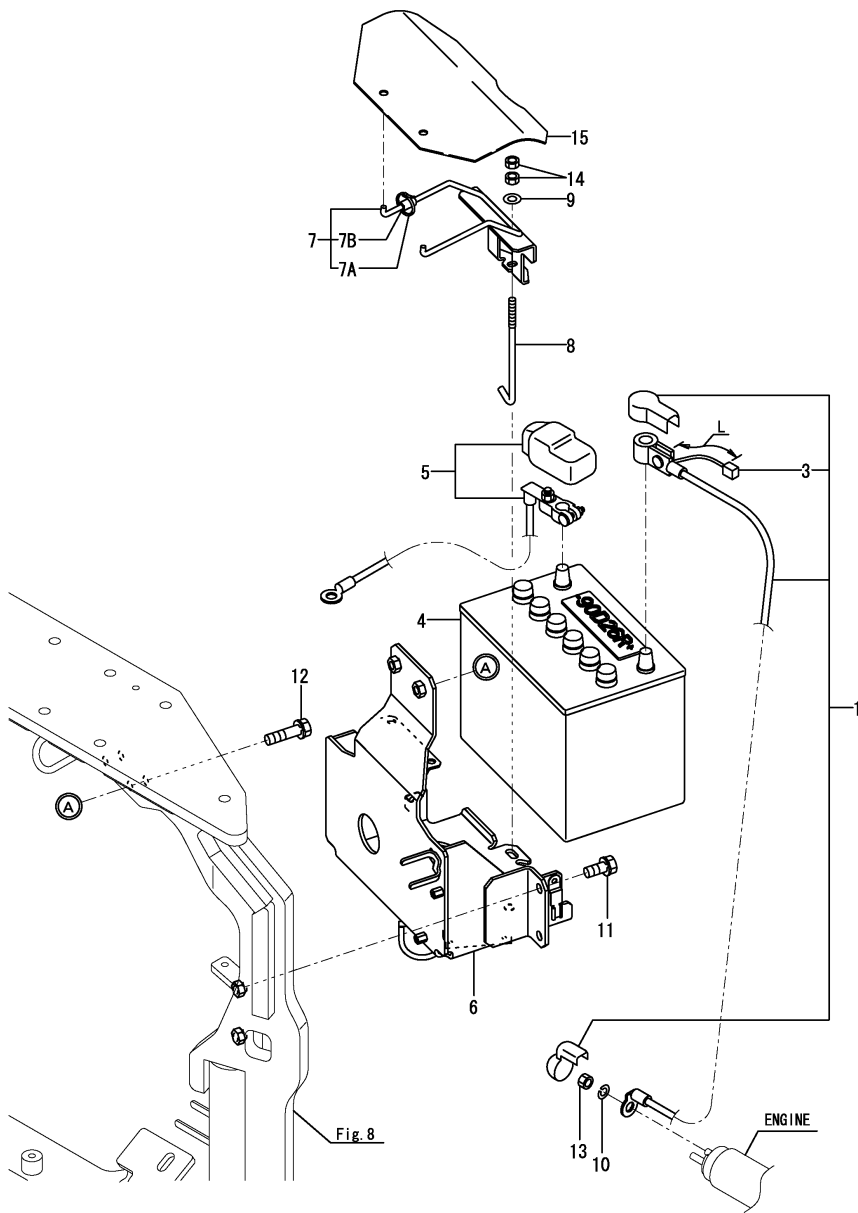


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-14230	HOSE, FUEL	1	1	1	1				
1-1	1	172A46-14231	HOSE	1	1	1	1			S	3
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
5	1	172A46-14600	HOSE ASSY, FUEL	1	1	1	1				
5-1	1	172A46-14601	HOSE ASSY, FUEL	1	1	1	1			N	
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
9	1	172137-14610	PIPE, FUEL	1	1	1	1				
10	1	184016-55700	SEPARATOR ASSY,WATER	1	1	1	1				1
10-1	1	184016-55701	SEPARATOR ASSY	1	1	1	1			N	1
		(A=M53439)	(B=M53439)	(C=M53439)	(D=M53439)						
11	2	129100-55690	RING, RETAINING	1	1	1	1				
12	2	119802-55710	ELEMENT	1	1	1	1				
12A	2	184016-55710	FLOAT	1	1	1	1			W	
		(A=M53626)	(B=M53626)	(C=M53626)	(D=M53626)						
13	2	24311-000160	O-RING, 1AP16.0	1	1	1	1				
14	2	24321-000650	O-RING, 1AG65.0	1	1	1	1				
15	1	124766-59050	CLIP, HOSE 12	8	8	8	8				
16	1	172A46-14650	HOSE ASSY, FUEL	1	1	1	1				
20	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
21	1	23061-050300	PIPE, 5X 300	1	1	1	1				
22	1	26116-080702	BOLT, M8X 70 PLATED	1	1	1	1				
23	1	194680-51670	BAND, CLIP	1	1	1	1			W	
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)						
24A	1	172A07-03160	LABEL	1	1	1	1				2

(3) L=Ref.No.1:1470mm, No.1-1:1550mm.

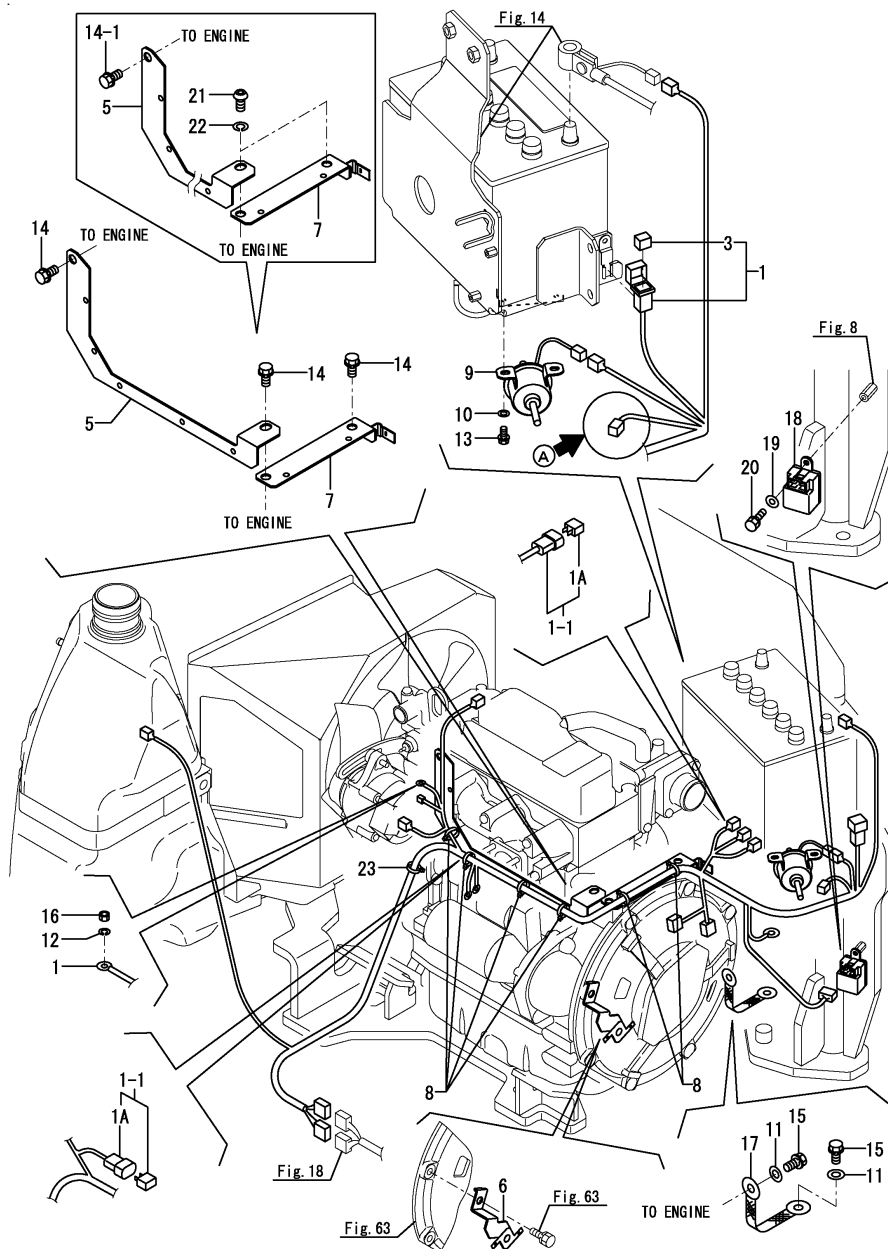
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Fig.14. BATTERY



Remarks
(1)L=Ref.No.3:140mm, No.3-1:330mm.

										0CS10-M52701 Fig.14	
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	
										(D)=VIO27-5B(SG) (E)= (F)=	
										Q'ty	
										(A)	(B)
										(C)	(D)
										(E)	(F)
										I	R
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16100	CORD ASSY, BATTERY	1	1	1	1				
1-1	1	172A46-16101	CORD ASSY, BATTERY	1	1	1	1			S	1
(A=M/#53276) (B=M/#53276) (C=M/#53276) (D=M/#53276)											
3	2	172458-16140	HARNESS, WIRE	1	1	1	1				
3-1	2	172A85-16140	HARNESS C	1	1	1	1			S	1
(A=M/#53276) (B=M/#53276) (C=M/#53276) (D=M/#53276)											
4	1	172653-16100	BATTERY	1	1	1	1				
5	1	172A46-16110	CORD ASSY, BATTERY	1	1	1	1				
5-1	1	172A46-16111	CORD, BATTERY	1	1	1	1			N	
(A=M/#53276) (B=M/#53276) (C=M/#53276) (D=M/#53276)											
6	1	172A46-16260	MOUNT ASSY, BATTERY	1	1	1	1				
6-1	1	172A46-16261	MOUNT ASSY, BATTERY	1	1	1	1			N	
(A=M/#53276) (B=M/#53276) (C=M/#53276) (D=M/#53276)											
7	1	172A46-16310	CLAMP ASSY, BATTERY	1	1	1	1				
7-1	1	172A46-16250	CLAMP ASSY, BATTERY	1	1	1	1			N	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
7A	2	172126-11510	BAND	1	1	1	1			W	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
7B	2	172A46-16360	HOSE, CLAMP	1	1	1	1			W	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
8	1	172A46-16340	ROD, BATTERY CLAMP	1	1	1	1				
9	1	22137-080000	WASHER, 8	1	1	1	1				
10	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
11	1	26013-100202	BOLT, M10X 20	2	2	2	2				
12	1	26013-100352	BOLT, M10X 35	2	2	2	2				
13	1	26716-080002	NUT, M8	1	1	1	1				
14	1	26716-080002	NUT, M8	2	2	2	2				
15	1	172A47-16150	COVER, BATTERY	1	1	1	1				

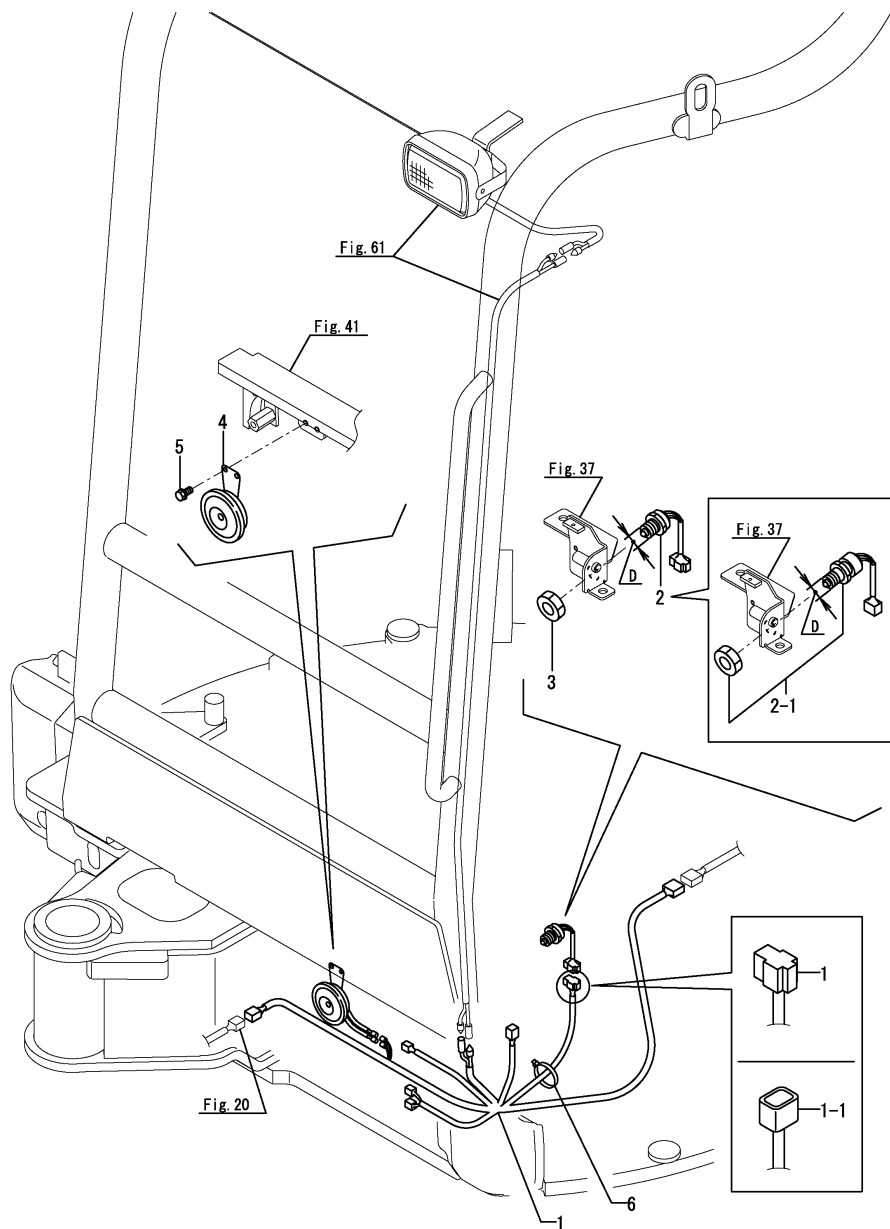


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A85-16500	HARNESS ASSY,A	1	1	1	1				
1-1	1	172A85-16501	HARNESS ASSY,A	1	1	1	1		S	1	
		(A=M/#53276)	(B=M/#53276)	(C=M/#53276)	(D=M/#53276)						
1A	2	1A7130-51130	DIODE, 1.5A	2	2	2	2			W	
		(A=M53494)	(B=M53494)	(C=M53494)	(D=M53494)						
3	2	172458-16550	FUSE, SLOWBLOW	1	1	1	1				
5	1	172A45-16610	SUPPORT, HARNESS	1	1	1	1				
6	1	172A45-16740	SUPPORT ASSY	1	1	1	1				
7	1	172A45-16760	SUPPORT ASSY	1	1	1	1				
8	1	194680-51670	BAND, CLIP	9	9	9	9				
8-1	1	194680-51670	BAND, CLIP	10	10	10	10			K	
		(A=M53168)	(B=M53168)	(C=M53168)	(D=M53168)						
9	1	129612-52100	PUMP ASSY, FUEL FEED	1	1	1	1				
10	1	22137-060000	WASHER, 6	2	2	2	2				
11	1	22137-100000	WASHER, 10	2	2	2	2				
12	1	22217-060000	WASHER, SPRING 6	1	1	1	1				
13	1	26013-060162	BOLT, M6X 16	2	2	2	2				
14	1	26013-100162	BOLT, M10X 16	3	3	3	3				
14-1	1	26013-100162	BOLT, M10X 16	1	1	1	1			K	
		(A=M53425)	(B=M53425)	(C=M53425)	(D=M53425)						
15	1	26013-100202	BOLT, M10X 20	2	2	2	2				
16	1	26716-060002	NUT, M6	1	1	1	1				
17	1	933171-15801	CORD, ENGINE EARTH	1	1	1	1				
18	1	124970-77920	TIMER	1	1	1	1				
19	1	22217-060000	WASHER, SPRING 6	1	1	1	1				
20	1	26013-060162	BOLT, M6X 16	1	1	1	1				
21	1	172455-61720	BOLT	2	2	2	2			W	
		(A=M53425)	(B=M53425)	(C=M53425)	(D=M53425)						
22	1	22217-100000	WASHER, SPRING 10	2	2	2	2			W	
		(A=M53425)	(B=M53425)	(C=M53425)	(D=M53425)						
23	1	194202-56460	BAND, 200	1	1	1	1			W	
		(A=M53307)	(B=M53307)	(C=M53307)	(D=M53307)						

(1)A=Ref.No.1:normal type, No.1-1:waterproof type.

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

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No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=				I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16540	HARNESS ASSY, WIRE	1	1	1	1				
1-1	1	172A46-16541	HARNESS C	1	1	1	1				S
		(A=M53479)	(B=M53479)	(C=M53479)	(D=M53479)						
2	1	194464-52190	SWITCH, SAFETY START	1	1	1	1				1
2-1	1	1D4103-18300	SWITCH, PUSH	1	1	1	1				S 1
		(A=M53479)	(B=M53479)	(C=M53479)	(D=M53479)						
3	1	26776-180002	NUT, LOCK M18	1	1	1	1				Z
		(A=M53479)	(B=M53479)	(C=M53479)	(D=M53479)						
4	1	194151-57100	HORN	1	1	1	1				
5	1	26013-060122	BOLT, M6X 12	2	2	2	2				
6	1	194202-56460	BAND, 200	1	1	1	1				W
		(A=M53479)	(B=M53479)	(C=M53479)	(D=M53479)						

(1)D=Ref.No.2:M18 screw, No.2-1:M20 screw.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17100	SWITCH ASSY, STARTER	1	1	1	1				
1-1	1	172187-17101	SWITCH ASSY, STARTER	1	1	1	1			N	
		(A=M53831) (B=M53831) (C=M53831) (D=M53831)									
1A	2	172A47-17210	CYLINDER ASSY, KEY	1	1	1	1			W	
		(A=M53114) (B=M53114) (C=M53114) (D=M53114)									
1A-1	2	172A47-17211	CYLINDER ASSY, KEY	1	1	1	1			N	
		(A=M53831) (B=M53831) (C=M53831) (D=M53831)									
2	3	172187-17070	CORD ASSY	1	1	1	1				
3	3	172187-17080	COVER	3	3	3	3				
4	3	172187-17090	COVER	2	2	2	2				
6	2	933110-00301	KEY ASSY	1	1	1	1				

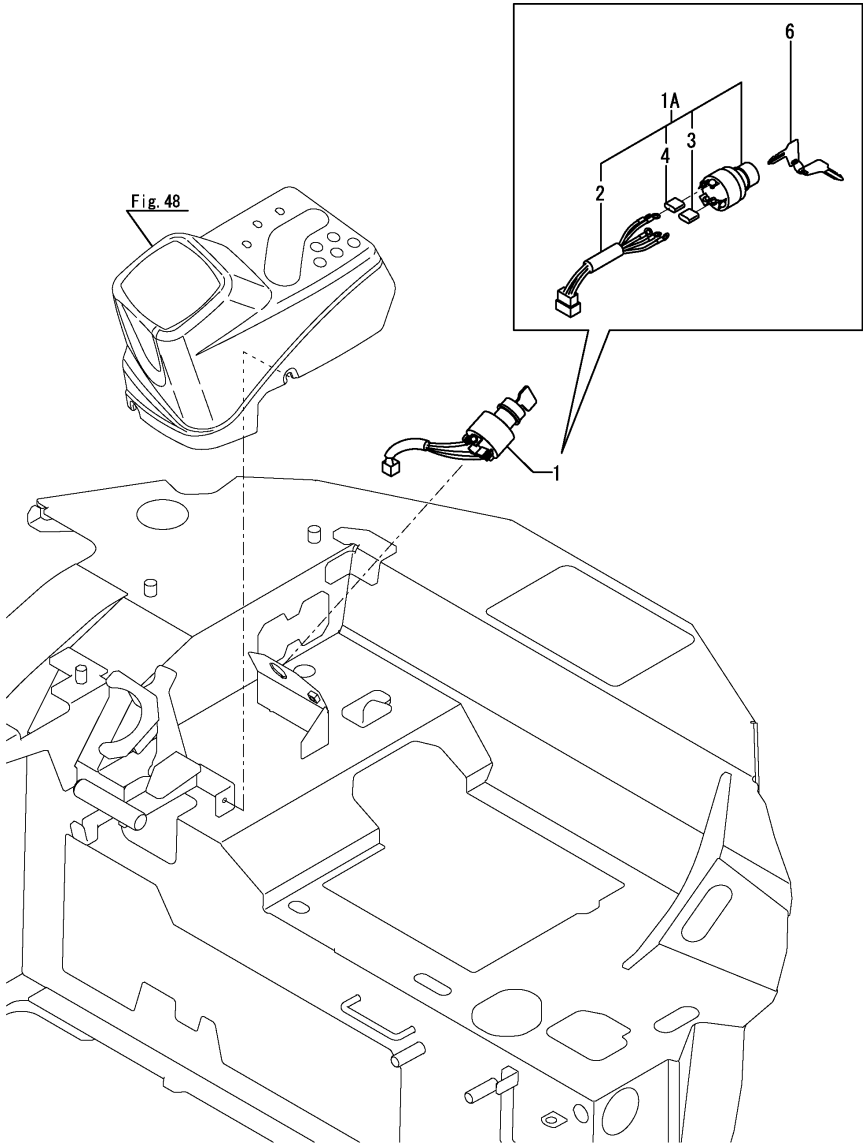
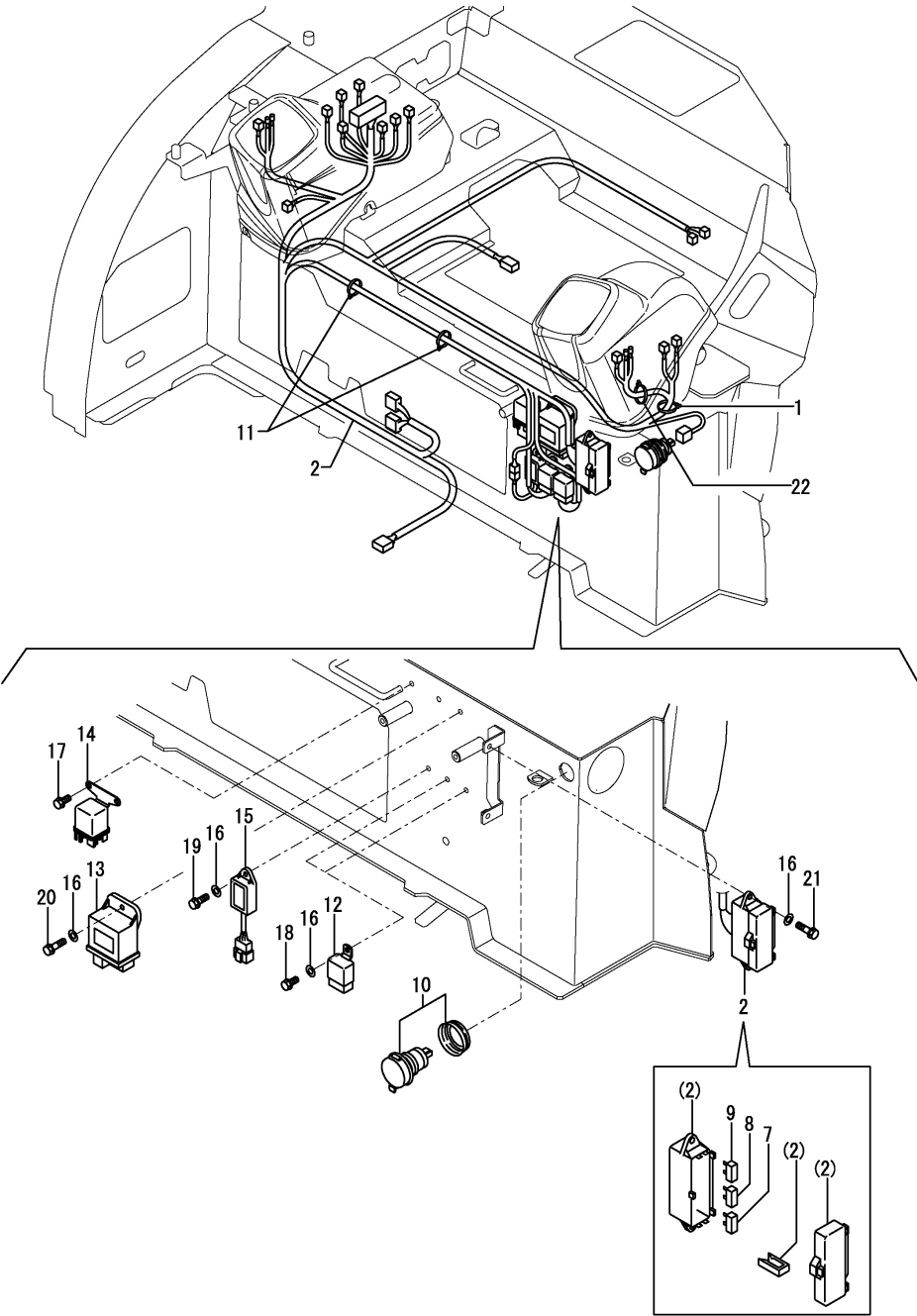
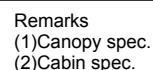


Fig.18. ELECTRIC PART(AROUND SEAT)



OCS10-M52701 Fig.18											
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	1	1	1	1				
2	1	172A77-16520	HARNESS ASSY, WIRE	1	1	1	1				
2-1	1	172A77-16540	HARNESS ASSY, WIRE	1	1	1	1				N
(A=M53516) (B=M53516) (C=M53516) (D=M53516)											
7	2	29420-050000	FUSE, B 5A	2	2	2	2				
8	2	29420-150000	FUSE, B 15A	6	6	6	6				
9	2	29420-300000	FUSE, B 30A	2	2	2	2				
10	1	172A64-17250	SOCKET ASSY	1	1	1	1				
11	1	194680-51670	BAND, CLIP	2	2	2	2				
12	1	119247-77100	RELAY, SAFETY	2	2	2	2				
13	1	119802-77200	RELAY, SAFETY	1	1	1	1				
14	1	119650-77910	RELAY ASSY, GLOW	1	1	1	1				
14-1	1	119650-77911	RELAY ASSY, GLOW	1	1	1	1				N
(A=M53552) (B=M53552) (C=M53552) (D=M53552)											
15	1	129211-77920	TIMER	1	1	1	1				
16	1	22137-060000	WASHER, 6	6	6	6	6				
17	1	26013-060122	BOLT, M6X 12	2	2	2	2				
18	1	26013-060122	BOLT, M6X 12	2	2	2	2				
19	1	26013-060162	BOLT, M6X 16	1	1	1	1				
20	1	26013-060202	BOLT, M6X 20	1	1	1	1				
21	1	26013-060202	BOLT, M6X 20	2	2	2	2				
22	1	194202-56460	BAND, 200	1	1	1	1				W
(A=M53516) (B=M53516) (C=M53516) (D=M53516)											



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16651	HARNES, TRAVEL	1	1	1	1				
2	1	172A47-16810	COVER ASSY, BUZZER	1	1	1	1				1
3	1	172A47-16860	COVER, FLASHER	1	1	1	1				1
4	1	172478-17200	SWITCH, PRESSURE	1	1	1	1				
4-1	1	172478-17201	SWITCH, PRESSURE	1	1	1	1				R
		(A=M53074)	(B=M53074)	(C=M53074)	(D=M53074)						
5	1	172511-17351	BUZZER, BACK	1	1	1	1				
6	1	194202-56460	BAND, 200	3	3	3	3				
7	1	172A47-76110	CONNECTOR, G1/8XR1/8	1	1	1	1				
7-1	1	172A47-76111	CONNECTOR, G1/8XR1/8	1	1	1	1				N
		(A=M53403)	(B=M53403)	(C=M53403)	(D=M53403)						
8	2	24315-000080	O-RING, 1BP8.0	1	1	1	1				
9	1	172123-76121	ADAPTER	1	1	1	1				
10	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
11	2	41851-000110	O-RING	1	1	1	1				
12	1	172A46-79100	HOSE	1	1	1	1				
13	1	172A46-79110	HOSE	1	1	1	1				
14	1	23394-020000	JOINT, 45RGI-1/4	2	2	2	2				
15	1	24315-000110	O-RING, 1BP11.0	1	1	1	1				
15-1	1	41851-000110	O-RING	1	1	1	1				N
		(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)						
16	1	26013-060122	BOLT, M6X 12	2	2	2	2				1
17	1	26013-080122	BOLT, M8X 12	1	1	1	1				
18	1	26013-100162	BOLT, M10X 16	2	2	2	2				
19	1	933168-55770	BAND	1	1	1	1				
20	1	172A46-16780	GUAIDE, HARNES	1	1	1	1				2
21	1	172A46-16810	BRACKET, BUZZER	1	1	1	1				2
22	1	172456-53700	GROMMET	1	1	1	1				1
23	1	172126-16540	CLAMP	1	1	1	1				2

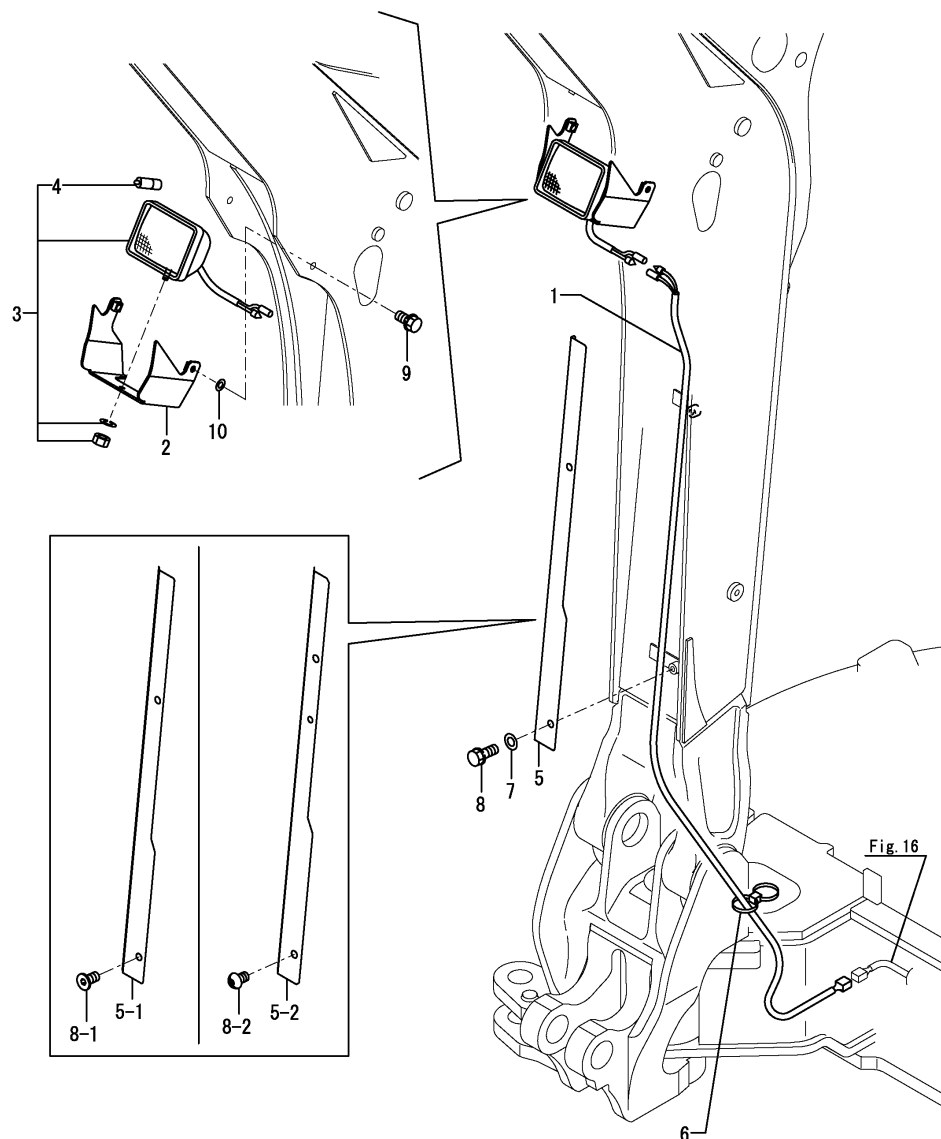


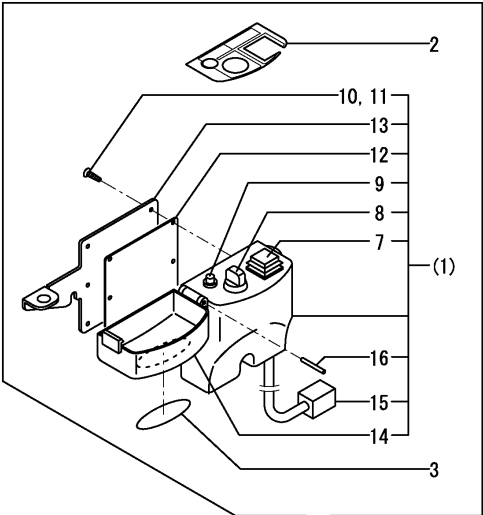
Fig. 16

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-16550	HARNESS BOOM LAMP	1	1	1	1				
2	1	172A46-17400-2	COVER, LAMP	1	1	1	1				
2-1	1	172A46-17400-Y	COVER, LAMP	1	1	1	1				S
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
3	1	172458-17450	LAMP, WORK	1	1	1	1				
4	2	172187-17540	BULB	1	1	1	1				
5	1	172A85-17460-1	COVER, HARNESS	1	1	1	1				
5-1	1	172A85-17461-1	COVER, HARNESS	1	1	1	1				N
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
5-2	1	172A85-17462-2	COVER, HARNESS	1	1	1	1				N
		(A=M/#53131)	(B=M/#53137)	(C=M/#53136)	(D=M/#53092)						
5-3	1	172A85-17462-Y	COVER, HARNESS	1	1	1	1				S
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
6	1	172137-16560	BAND	1	1	1	1				
7	1	22137-100000	WASHER, 10	2	2	2	2				Z
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
8	1	26013-100162	BOLT, M10X 16	2	2	2	2				
8-1	1	172A85-17470	LOW HEAD SCREW 10X10	2	2	2	2				N
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
8-2	1	172958-83320	BOLT	2	2	2	2				S
		(A=M/#53131)	(B=M/#53137)	(C=M/#53136)	(D=M/#53092)						
9	1	26013-100252	BOLT, M10X 25	2	2	2	2				
10	1	22137-100000	WASHER, 10	2	2	2	2				W
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						

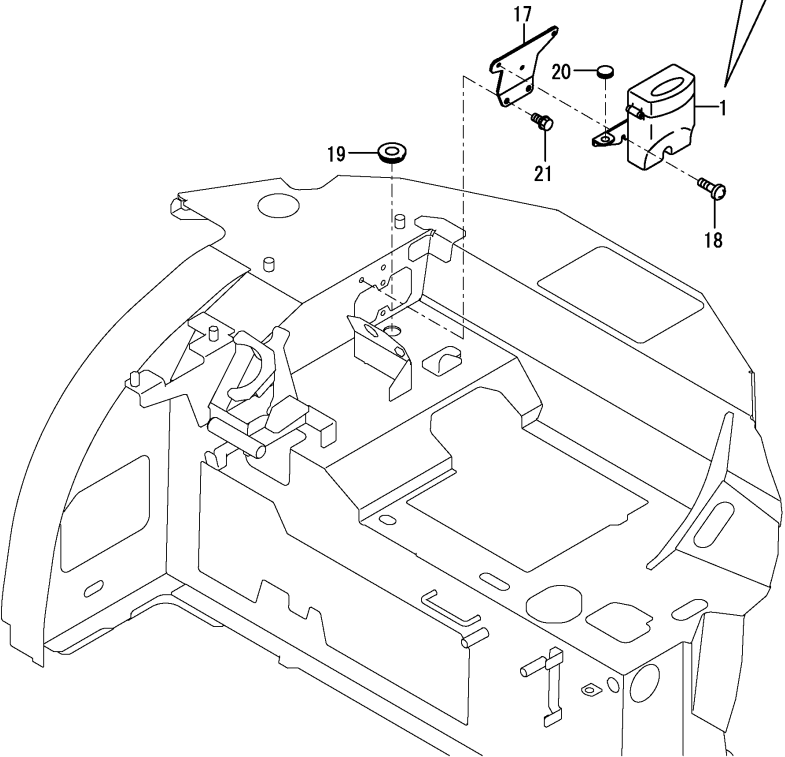
Fig.21. ELECTRIC PART(QUICK COPLER : SWITCH BOX)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

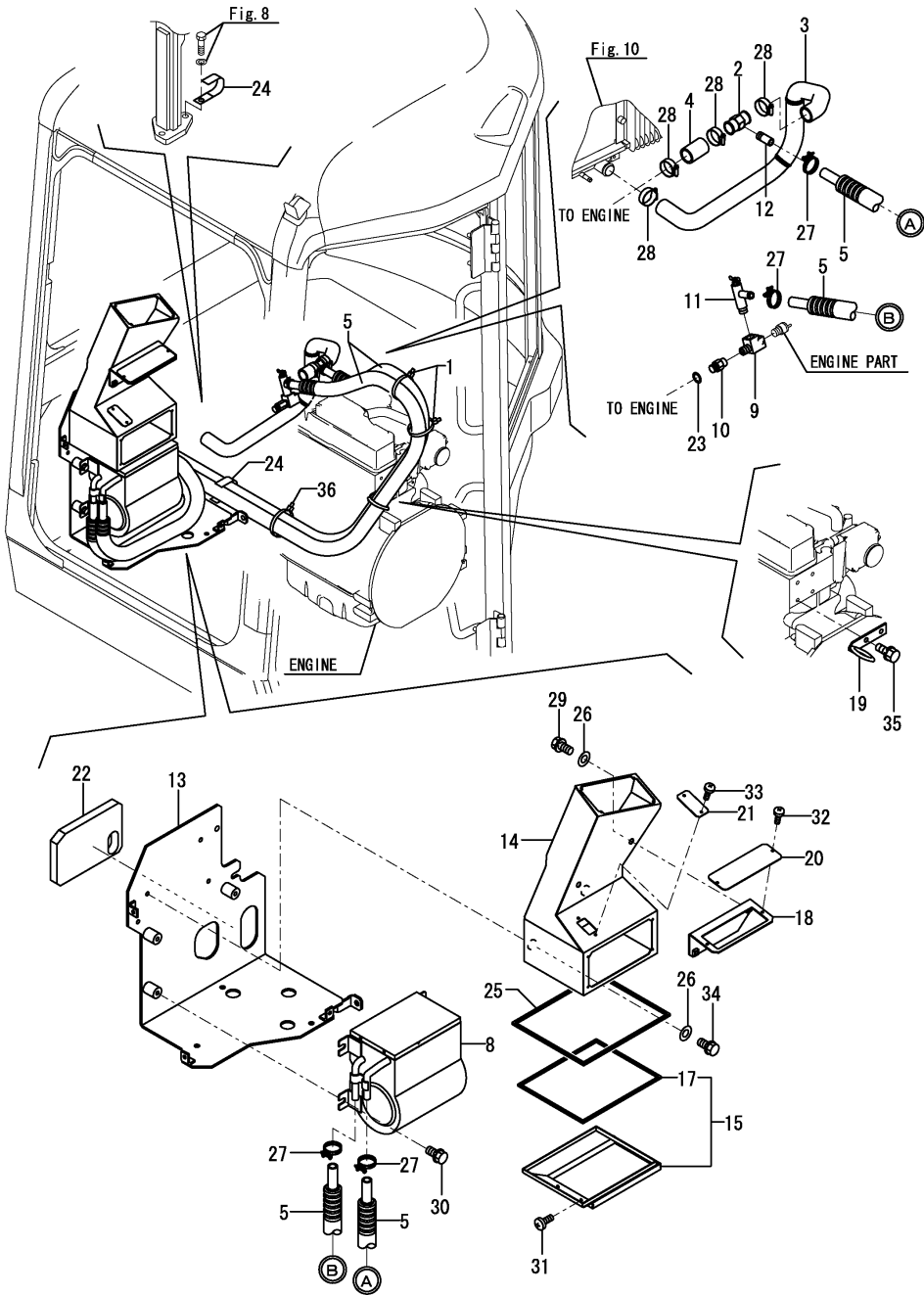


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-17110	BOX, SWITCH	1	1	1	1				
1-1	1	172958-17111	BOX, SWITCH EX	1	1	1	1				N
(A=MXXXXX) (B=MXXXXX) (C=MXXXXX) (D=MXXXXX)											
2	2	172472-03290	LABEL, SWITCH	1	1	1	1				
3	2	172472-03300	LABEL, COVER	1	1	1	1				
7	3	172958-17140	SWITCH ASSY	1	1	1	1				
8	3	172958-17150	SWITCH ASSY	1	1	1	1				
9	3	172958-17160	LAMP, INDICATOR	1	1	1	1				
10	3	172958-17170	SCREW, TAPPING	6	6	6	6				
11	3	172958-17180	SCREW, TAPPING	2	2	2	2				
12	3	172958-17190	PACKING	1	1	1	1				
13	3	172958-17200	BRACKET	1	1	1	1				
14	3	172958-17210	CASE	1	1	1	1				
15	3	172958-17220	CORD	1	1	1	1				
16	3	22351-030028	PIN, SPRING 3.0X28	1	1	1	1				
17	1	172A47-17900	STAY ASSY	1	1	1	1				
18	1	172137-46210	SCREW	3	3	3	3				
19	1	172958-64500	PLUG	1	1	1	1				
20	1	172187-64900	PLUG	1	1	1	1				
21	1	26013-080162	BOLT, M8X 16	2	2	2	2				



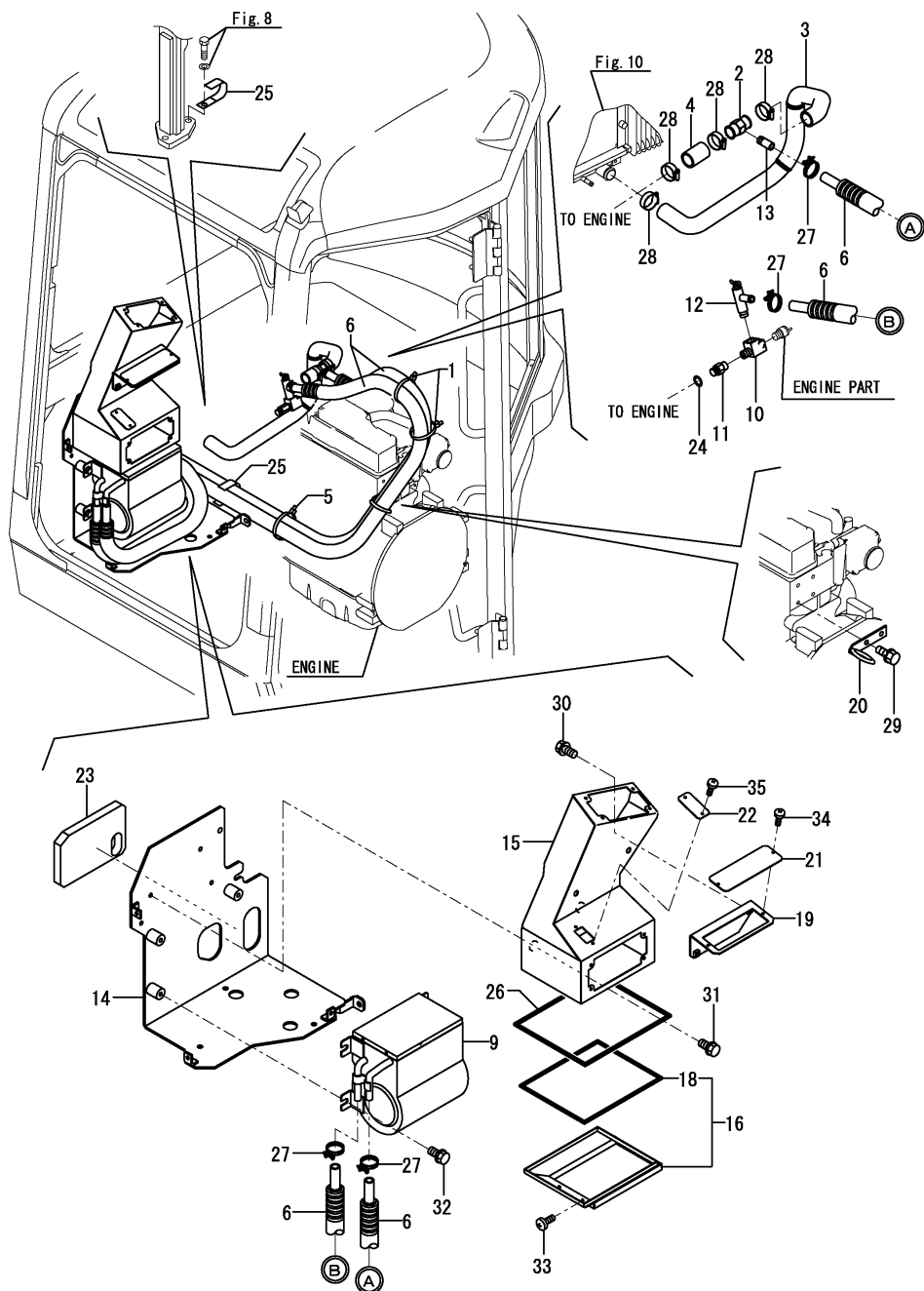
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2	2	2				
2	1	172141-13490	JOINT	1	1	1	1				
3	1	172A45-13710	PIPE, WATER	1	1	1	1				
3-1	1	172A45-13711 (A=M/#53185) (B=M/#53185) (C=M/#53185) (D=M/#53185)	HOSE,CW-T A-LOW	1	1	1	1			N	
4	1	172A45-13720	PIPE, WATER	1	1	1	1				
5	1	172A47-17500	HOSE ASSY, HEATER	2	2	2	2				
8	1	172458-17551	HEATER	1	1	1	1				
9	1	172168-17601	CONNECTOR	1	1	1	1				
10	1	172137-17631	JOINT, HEATER	1	1	1	1				
11	1	172425-17630	VALVE ASSY, HEATER	1	1	1	1				
12	1	172124-17640	JOINT, PIPE	1	1	1	1				
13	1	172A47-18351	BRACKET, VALVE	1	1	1	1				
14	1	172A47-18391	DUCT ASSY	1	1	1	1				
15	1	172A47-18660	DUCT, HEATER	1	1	1	1				
17	2	172519-61550	CUSHION, BONNET	1	1	1	1				
18	1	172A47-18711-1	PLATE ASSY	1	1	1	1				
19	1	172A46-18770	GUIDE ASSY, HOSE	1	1	1	1				
20	1	172A47-18940	COVER, CONTROL	1	1	1	1				
21	1	172A47-18950	COVER, DUCT	1	1	1	1				
22	1	172A47-19400	SPONGE	1	1	1	1				
23	1	124465-44950	GASKET, 16	1	1	1	1				
24	1	1A1380-59480	CLAMP, CORD	1	1	1	1				
25	1	172519-61550	CUSHION, BONNET	1	1	1	1				
26	1	22137-080000	WASHER, 8	4	4	4	4				
27	1	23001-022000	CLAMP, HOSE 22	4	4	4	4				
28	1	23001-041000	CLAMP, HOSE 41	4	4	4	4				
29	1	26013-080162	BOLT, M8X 16	2	2	2	2				
30	1	26013-100252	BOLT, M10X 25	3	3	3	3				
31	1	26587-040122	SCREW, M4X12	4	4	4	4				
32	1	26587-040122	SCREW, M4X12	2	2	2	2				
33	1	26587-040122	SCREW, M4X12	2	2	2	2				
34	1	26013-080252	BOLT, M8X 25	2	2	2	2				
35	1	26013-080162	BOLT, M8X 16	2	2	2	2				
36	1	172183-16560	CLIP, HOSE	1	1	1	1				

Fig.119. (22A)HEATER(FROM M53439)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172126-11510	BAND	2	2	2	2				
2	1	172141-13490	JOINT	1	1	1	1				
3	1	172A45-13711	HOSE,CW-T A-LOW	1	1	1	1				
4	1	172A45-13720	PIPE, WATER	1	1	1	1				
5	1	172183-16560	CLIP, HOSE	1	1	1	1				
6	1	172A47-17500	HOSE ASSY, HEATER	2	2	2	2				
9	1	172458-17551	HEATER	1	1	1	1				
10	1	172168-17601	CONNECTOR	1	1	1	1				
11	1	172137-17631	JOINT, HEATER	1	1	1	1				
12	1	172425-17630	VALVE ASSY, HEATER	1	1	1	1				
13	1	172124-17640	JOINT, PIPE	1	1	1	1				
14	1	172A47-18352	BRACKET ASSY	1	1	1	1				
15	1	172A47-18392	DUCT ASSY	1	1	1	1				
16	1	172A47-18660	DUCT, HEATER	1	1	1	1				
18	2	172519-61550	CUSHION, BONNET	1	1	1	1				
19	1	172A47-18711-1	PLATE ASSY	1	1	1	1				
20	1	172A46-18770	GUIDE ASSY, HOSE	1	1	1	1				
21	1	172A47-18940	COVER, CONTROL	1	1	1	1				
22	1	172A47-18950	COVER, DUCT	1	1	1	1				
23	1	172A47-19400	SPONGE	1	1	1	1				
24	1	124465-44950	GASKET, 16	1	1	1	1				
25	1	1A1380-59480	CLAMP, CORD	1	1	1	1				
26	1	172519-61550	CUSHION, BONNET	1	1	1	1				
27	1	23001-022000	CLAMP, HOSE 22	4	4	4	4				
28	1	23001-041000	CLAMP, HOSE 41	4	4	4	4				
29	1	26013-080162	BOLT, M8X 16	2	2	2	2				
30	1	26014-080162	BOLT, M8X 16	2	2	2	2				
31	1	26014-080252	BOLT, M8X 25	2	2	2	2				
32	1	26014-100202	BOLT, M10X 20	3	3	3	3				
33	1	26587-040122	SCREW, M4X12	4	4	4	4				
34	1	26587-040122	SCREW, M4X12	2	2	2	2				
35	1	26587-040122	SCREW, M4X12	2	2	2	2				

Fig.23. AIR CONDITIONER(ELECTRIC PART)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16560	HARNESS,AIR	1	1	1	1				
2	2	172648-16600	DIODE	1	1	1	1				
3	1	172A47-16590	HARNESS, WIRE	1	1	1	1				
3-1	1	172A47-16591	HARNESS, WIRE	1	1	1	1				N
		(A=M/#XXXXX) (B=M/#XXXXX) (C=M/#XXXXX) (D=M/#XXXXX)									
4	1	1D4220-58150	PANEL, CONTROL	1	1	1	1				
5	1	1E8685-79940	RESISTOR, 100-40	1	1	1	1				
6	1	172A47-18711-1	PLATE ASSY	1	1	1	1				
7	1	172A47-18760	PLATE ASSY	1	1	1	1				
8	1	119247-77100	RELAY, SAFETY	6	6	6	6				
9	1	22867-400100	SCREW, 4X10	2	2	2	2				
10	1	26013-080162	BOLT, M8X 16	2	2	2	2				
11	1	26033-040202	SCREW, M4X20	2	2	2	2				
12	1	26013-100162	BOLT, M10X 16	2	2	2	2				
13	1	26013-060122	BOLT, M6X 12	6	6	6	6				
14	1	22137-080000	WASHER, 8	2	2	2	2				

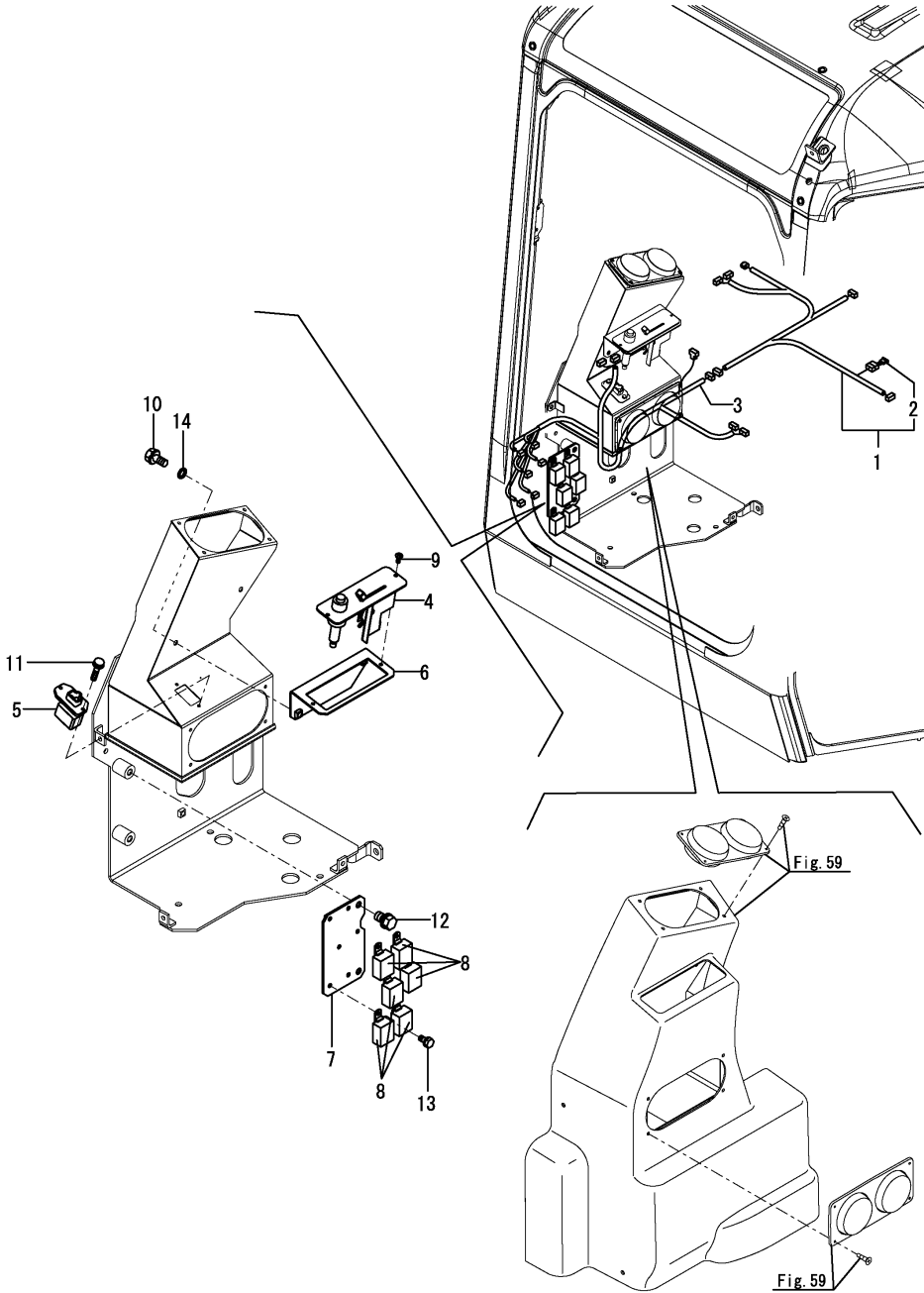
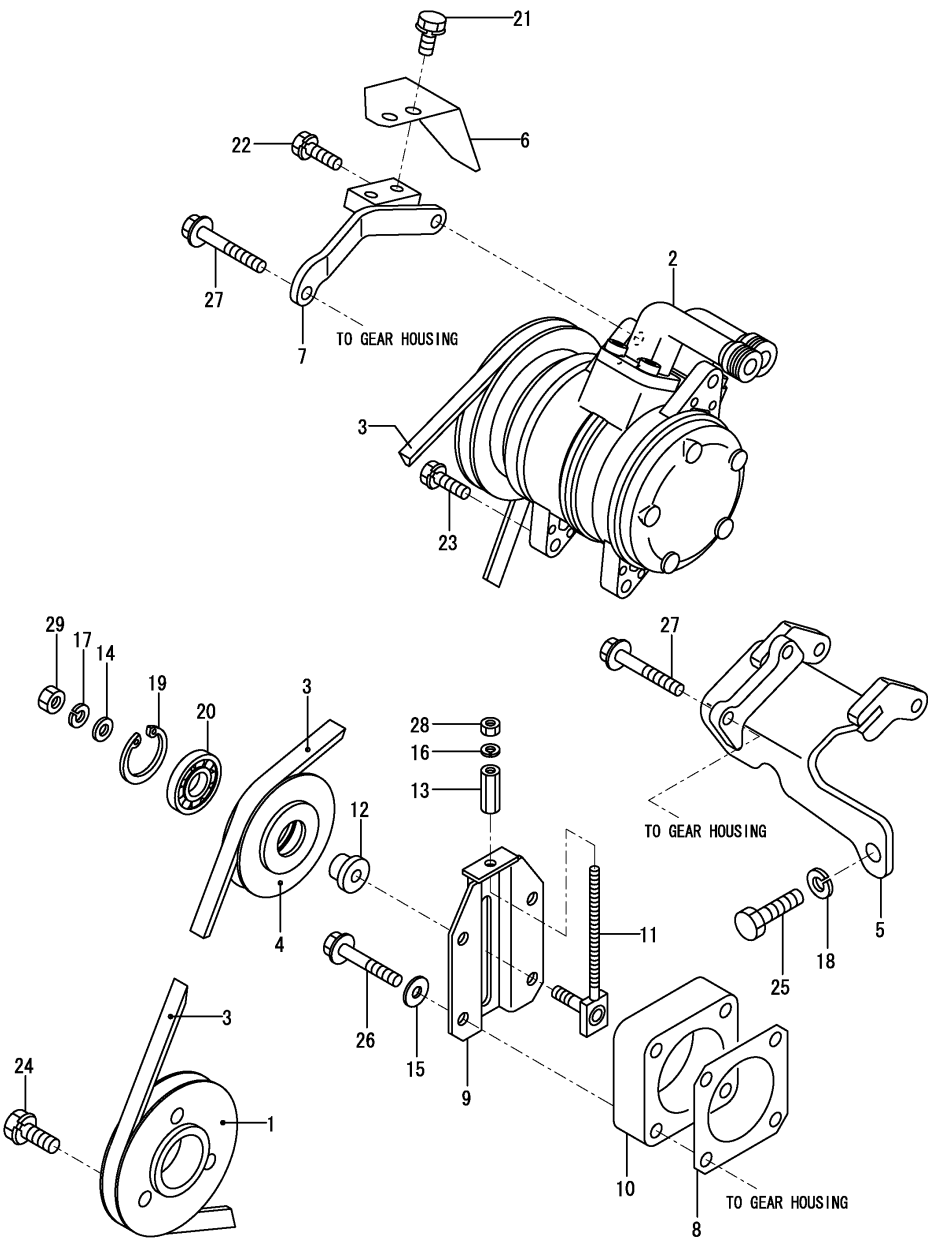


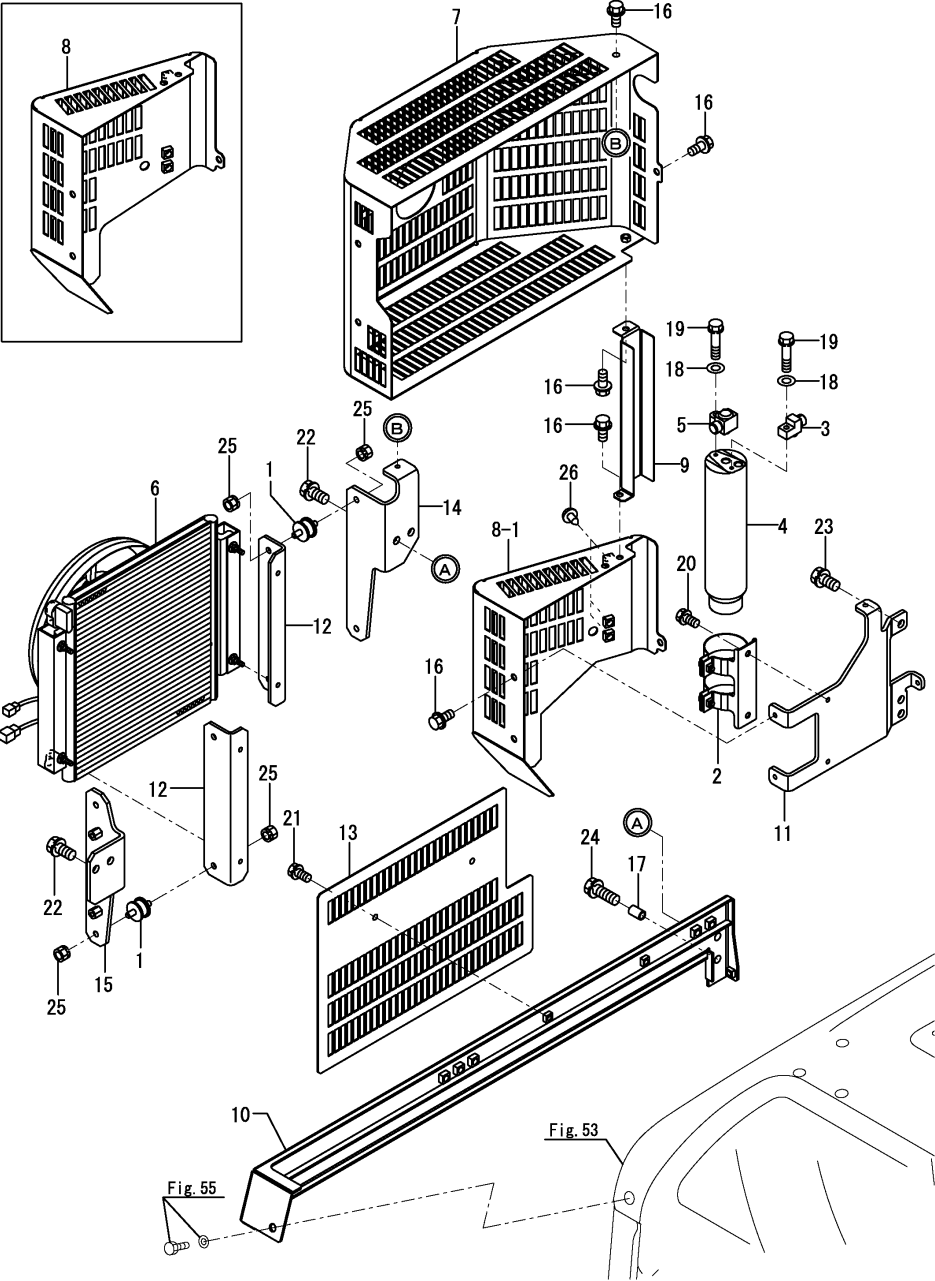
Fig.24. AIR CONDITIONER(ENGINE RELATED)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-11200	PULLEY	1	1	1	1				
2	1	172460-18100	COMPRESSOR ASSY	1	1	1	1				
3	1	172460-18120	V-BELT	1	1	1	1				
4	1	172445-18131	PULLEY, TENSION	1	1	1	1				
5	1	172A45-18350	BRACKET ASSY,COMP	1	1	1	1				
6	1	172A46-18371	COVER, BELT	1	1	1	1				
7	1	172A45-18391	PLATE ASSY,COMP	1	1	1	1				
8	1	172A45-18420	PLATE E	1	1	1	1				
9	1	172165-18601	BRACKET ASSY, PULLEY	1	1	1	1				
10	1	172491-18620	PLATE	1	1	1	1				
11	1	172165-18630	ADJUSTER ASSY	1	1	1	1				
12	1	172165-18670	BOSS	1	1	1	1				
13	1	172164-19310	NUT	1	1	1	1				
14	1	1A1040-43900	WASHER, SPRING	1	1	1	1				
15	1	22190-080002	WASHER, SEAL 6	4	4	4	4				
16	1	22217-060000	WASHER, SPRING 6	1	1	1	1				
17	1	22217-080000	WASHER, SPRING 8	1	1	1	1				
18	1	22217-120000	WASHER, SPRING 12	1	1	1	1				
19	1	22252-000400	RING, 40	1	1	1	1				
20	1	24104-062030	BEARING, 6203UUC3	1	1	1	1				
21	1	26013-080162	BOLT, M8X 16	2	2	2	2				
22	1	26013-080252	BOLT, M8X 25	1	1	1	1				
23	1	26013-080302	BOLT, M8X 30	2	2	2	2				
24	1	26013-100202	BOLT, M10X 20	3	3	3	3				
25	1	26076-120452	BOLT, 10.912X 45	1	1	1	1				
26	1	26106-080502	BOLT, M8X 50 PLATED	4	4	4	4				
27	1	26106-080602	BOLT, M8X 60 PLATED	3	3	3	3				
28	1	26716-060002	NUT, M6	1	1	1	1				
29	1	26716-080002	NUT, M8	1	1	1	1				

Fig.25. AIR CONDITIONER(CONDENSER RELATED)



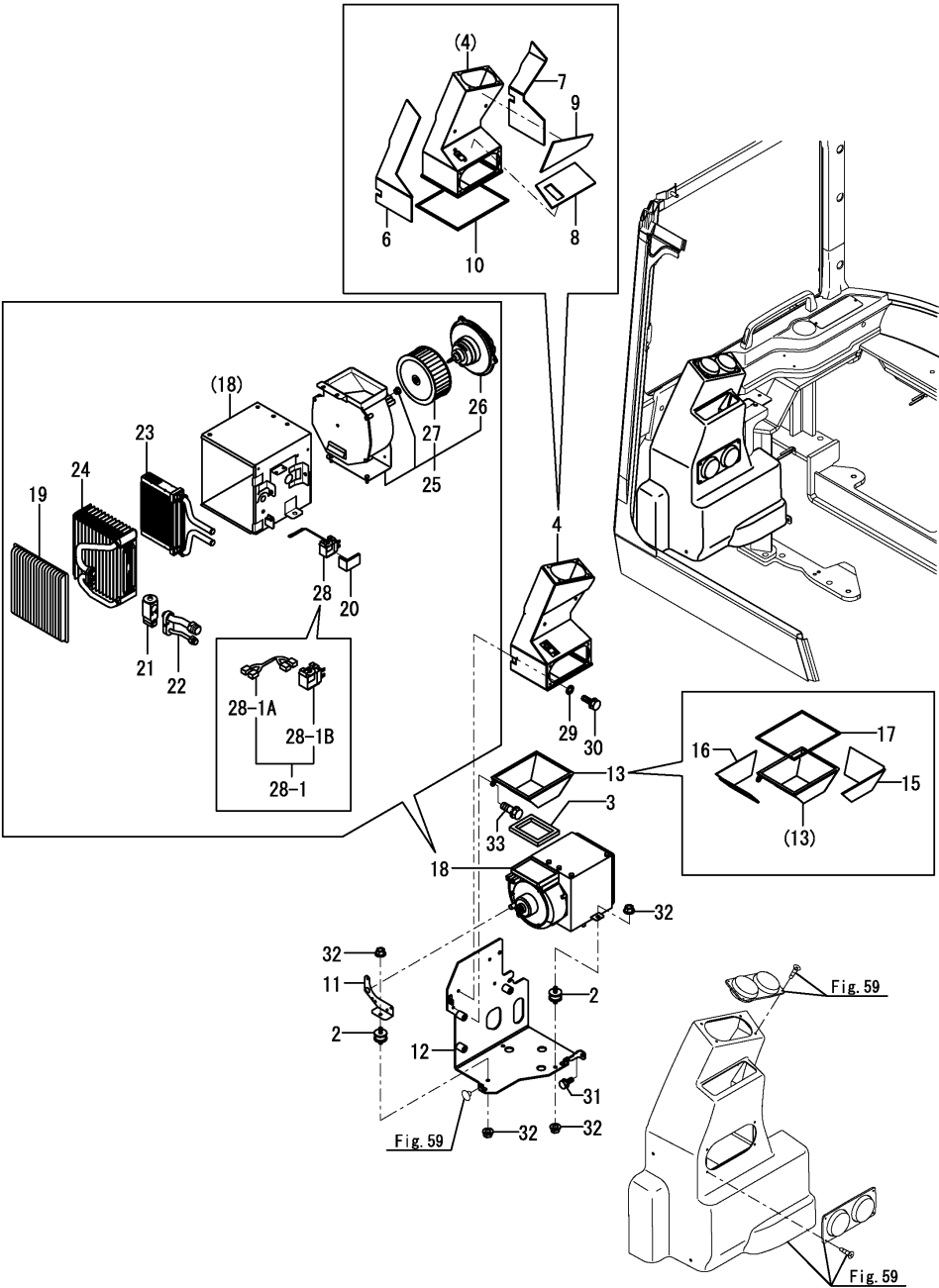
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172447-13550	MOUNT, PAD	4	4	4	4				
2	1	172162-18040	BRACKET, RADIATOR	1	1	1	1				
3	1	172460-18250	CONNECTOR	1	1	1	1				
4	1	1E8545-80210	DRIER, RECEIVER	1	1	1	1				
5	1	1E8545-80250	JOINT, RECEIVER	1	1	1	1				
6	1	172A47-18120	CONDENSER ASSY	1	1	1	1				
7	1	172A46-18240	COVER ASSY	1	1	1	1				
8	1	172A46-18261	COVER ASSY	1	1	1	1				
8-1	1	172A46-18262	COVER ASSY	1	1	1	1				N
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
9	1	172A46-18290	COVER	1	1	1	1				
10	1	172A46-18300	COVER	1	1	1	1				
11	1	172A46-18331	PLATE A	1	1	1	1				
12	1	172A46-18340	BRACKET,COND	2	2	2	2				
13	1	172A46-18350	COVER ASSY	1	1	1	1				
14	1	172A46-18380	PLATE B	1	1	1	1				
15	1	172A46-18390	PLATE C ASSY	1	1	1	1				
16	1	172519-63240	BOLT	10	10	10	10				
17	1	172175-76420	COLLAR	2	2	2	2				
18	1	22137-060000	WASHER, 6	2	2	2	2				
19	1	26013-060252	BOLT, M6X 25	2	2	2	2				
20	1	26013-080122	BOLT, M8X 12	2	2	2	2				
21	1	26013-080162	BOLT, M8X 16	2	2	2	2				
22	1	26013-100162	BOLT, M10X 16	4	4	4	4				
23	1	26013-100202	BOLT, M10X 20	3	3	3	3				
24	1	26013-100402	BOLT, M10X 40	2	2	2	2				
24-1	1	26013-100452	BOLT, M10X 45	2	2	2	2				N
(A=M53307) (B=M53307) (C=M53307) (D=M53307)											
25	1	26051-080002	NUT, M8	8	8	8	8				
26	1	172444-68650	CLIP, TREE	3	3	3	3				

Fig.26. AIR CONDITIONER(CABIN RELATED)(TO M53438)

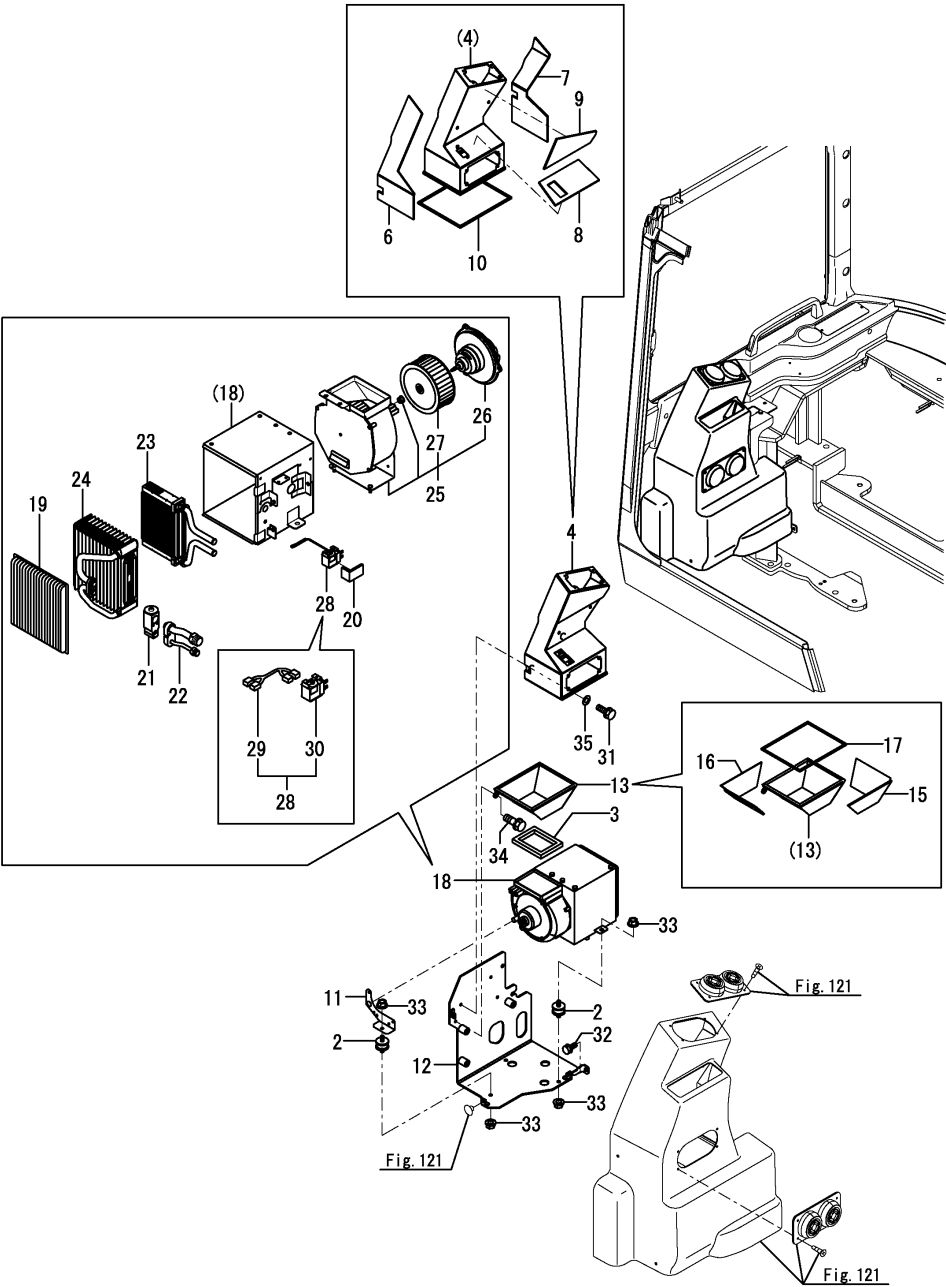
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	172447-13550	MOUNT, PAD	3	3	3	3				
3	1	172499-13750	SEAL, DUCT	1	1	1	1				
4	1	172A47-18261	DUCT ASSY	1	1	1	1				
6	2	172A47-19330	SHEET, INSULATOR	1	1	1	1				
7	2	172A47-19340	SHEET, INSULATOR	1	1	1	1				
8	2	172A47-19350	SHEET, INSULATOR	1	1	1	1				
9	2	172A47-19360	SHEET, INSULATOR	1	1	1	1				
10	2	172519-61550	CUSHION, BONNET	1	1	1	1				
11	1	172A47-18340	BRACKET	1	1	1	1				
12	1	172A47-18351	BRACKET, VALVE	1	1	1	1				
13	1	172A47-18600	DUCT ASSY	1	1	1	1				
15	2	172A47-19310	SHEET, INSULATOR	1	1	1	1				
16	2	172A47-19320	SHEET, INSULATOR	1	1	1	1				
17	2	172519-61550	CUSHION, BONNET	1	1	1	1				
18	1	1E9110-79610	CONDITIONER ASSY,AIR	1	1	1	1				
18-1	1	1E9110-79611	CONDITIONER ASSY,AIR	1	1	1	1				N
(A=M/#####) (B=M/#####) (C=M/#####) (D=M/#####)											
19	2	1E9110-79680	FILTER	1	1	1	1				
20	2	1E9110-80100	GASKET	1	1	1	1				
21	2	1E9110-80130	VALVE, EXPANSION	1	1	1	1				
22	2	1E9110-80140	TUBE ASSY	1	1	1	1				
23	2	1E9110-80150	CORE, HEATER	1	1	1	1				
24	2	1E9110-80160	EVAPORATOR	1	1	1	1				
25	2	1E9110-80170	BLOWER ASSY	1	1	1	1				
26	3	1E9110-80110	MOTOR	1	1	1	1				
27	3	1E9110-80180	FAN, BLOWER	1	1	1	1				
28	2	1A7030-88100	THERMOSTAT ASSY	1	1	1	1				
28-1	2	1A7030-87090	THERMOSTAT KIT	1	1	1	1				N
(A=M/#####) (B=M/#####) (C=M/#####) (D=M/#####)											
28-1A	3	1A7951-51300	CABLE, THERMOSTAT	1	1	1	1				W
(A=M/#####) (B=M/#####) (C=M/#####) (D=M/#####)											
28-1B	3	1A7030-88101	THERMOSTAT ASSY	1	1	1	1				W
(A=M/#####) (B=M/#####) (C=M/#####) (D=M/#####)											
29	1	22137-080000	WASHER, 8	2	2	2	2				
30	1	26013-080252	BOLT, M8X 25	2	2	2	2				
31	1	26013-100202	BOLT, M10X 20	3	3	3	3				
32	1	26051-080002	NUT, M8	6	6	6	6				
33	1	26013-080202	BOLT, M8X 20	2	2	2	2				

Fig.120. (26A)AIR CONDITIONER(CABIN RERATED)(FROM M53439)

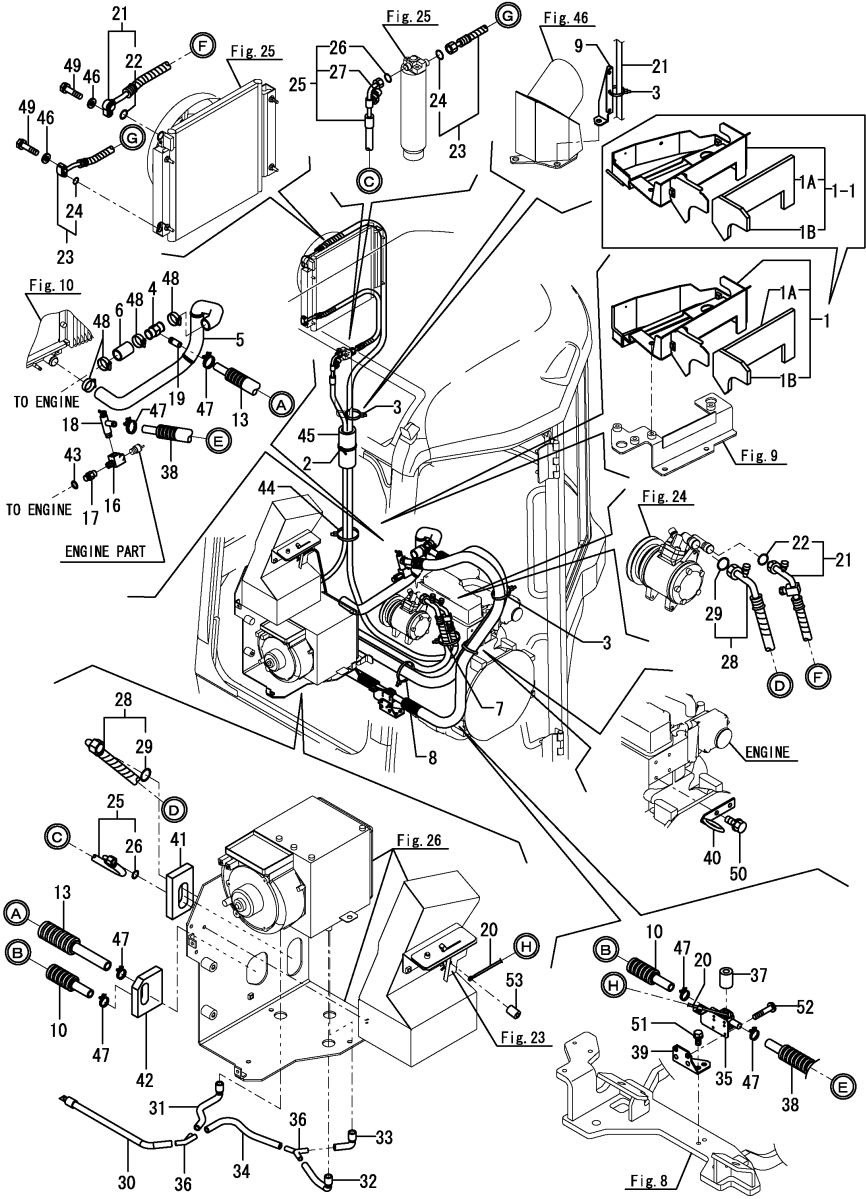


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	172447-13550	MOUNT, PAD	3	3	3	3				
3	1	172499-13750	SEAL, DUCT	1	1	1	1				
4	1	172A47-18262	DUCT ASSY	1	1	1	1				
6	2	172A47-19330	SHEET, INSULATOR	1	1	1	1				
7	2	172A47-19340	SHEET, INSULATOR	1	1	1	1				
8	2	172A47-19350	SHEET, INSULATOR	1	1	1	1				
9	2	172A47-19360	SHEET, INSULATOR	1	1	1	1				
10	2	172519-61550	CUSHION, BONNET	1	1	1	1				
11	1	172A47-18340	BRACKET	1	1	1	1				
12	1	172A47-18352	BRACKET ASSY	1	1	1	1				
13	1	172A47-18600	DUCT ASSY	1	1	1	1				
15	2	172A47-19310	SHEET, INSULATOR	1	1	1	1				
16	2	172A47-19320	SHEET, INSULATOR	1	1	1	1				
17	2	172519-61550	CUSHION, BONNET	1	1	1	1				
18	1	1E9110-79611	CONDITIONER ASSY,AIR	1	1	1	1				
19	2	1E9110-79680	FILTER	1	1	1	1				
20	2	1E9110-80100	GASKET	1	1	1	1				
21	2	1E9110-80130	VALVE, EXPANSION	1	1	1	1				
22	2	1E9110-80140	TUBE ASSY	1	1	1	1				
23	2	1E9110-80150	CORE, HEATER	1	1	1	1				
24	2	1E9110-80160	EVAPORATOR	1	1	1	1				
25	2	1E9110-80170	BLOWER ASSY	1	1	1	1				
26	3	1E9110-80110	MOTOR	1	1	1	1				
27	3	1E9110-80180	FAN, BLOWER	1	1	1	1				
28	2	1A7030-87090	THERMOSTAT KIT	1	1	1	1				
29	3	1A7951-51300	CABLE, THERMOSTAT	1	1	1	1				
30	3	1A7030-88101	THERMOSTAT ASSY	1	1	1	1				
31	1	26013-080252	BOLT, M8X 25	2	2	2	2				
32	1	26013-100202	BOLT, M10X 20	3	3	3	3				
33	1	26051-080002	NUT, M8	6	6	6	6				
34	1	26013-080202	BOLT, M8X 20	2	2	2	2				
35	1	22137-080000	WASHER, 8	2	2	2	2				

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

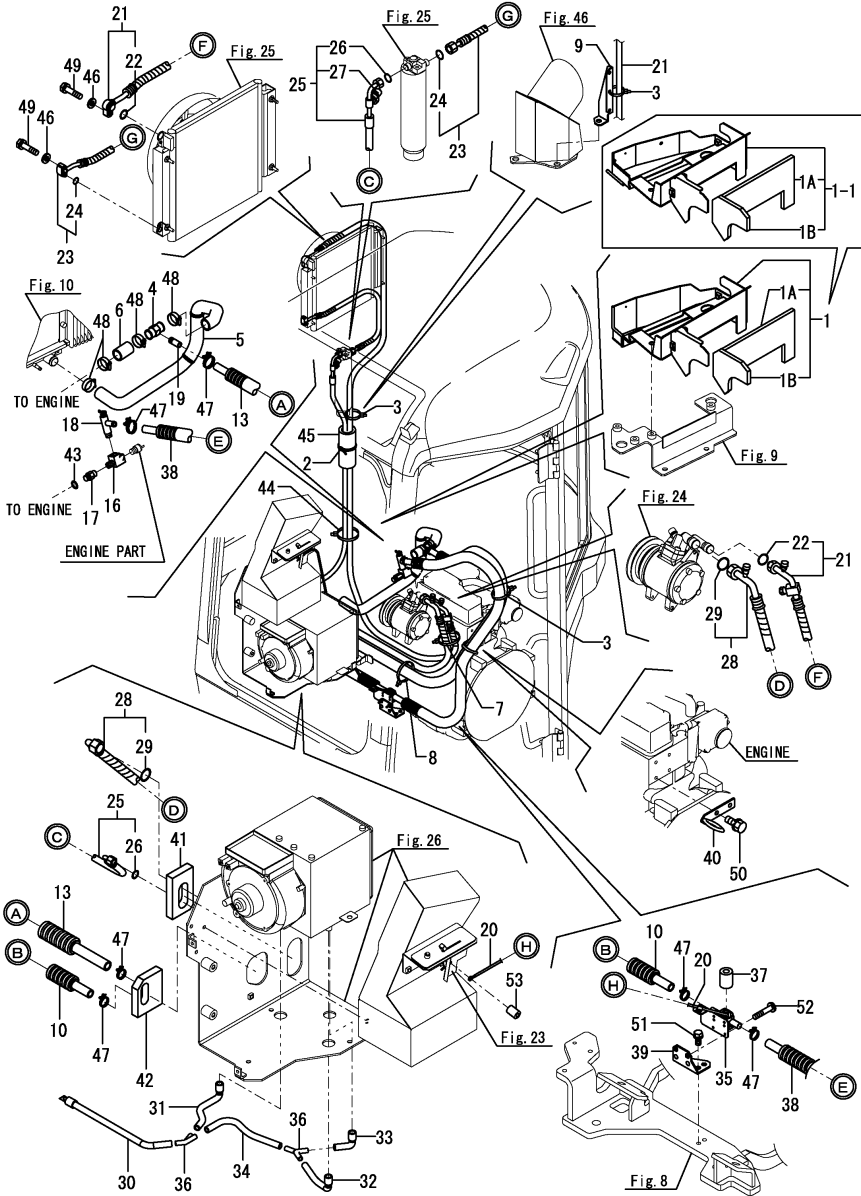
(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-05300	BRACKET AC ASSY,T	1	1	1	1				1
1-1	1	172A46-13121	BRACKET ASSY, DUCT	1	1	1	1			N	1
(A=M/#53227) (B=M/#53227) (C=M/#53227) (D=M/#53227)											
1A	2	172A46-13130	WOOL, GLASS	1	1	1	1				
1B	2	172A46-13140	WOOL, GLASS	1	1	1	1				
1D	1	172A38-03211	LABEL, ANTI-FREEZING	1	1	1	1				2
1E	1	172437-03391	LABEL, RADIATOR	1	1	1	1				2
2	1	172126-11510	BAND	1	1	1	1				
3	1	172126-11510	BAND	2	2	2	2				
4	1	172141-13490	JOINT	1	1	1	1				
5	1	172A45-13710	PIPE, WATER	1	1	1	1				
5-1	1	172A45-13711	HOSE,CW-T-A-LOW	1	1	1	1			N	
(A=M/#53185) (B=M/#53185) (C=M/#53185) (D=M/#53185)											
6	1	172A45-13720	PIPE, WATER	1	1	1	1				
7	1	172137-16560	BAND	1	1	1	1				
8	1	172183-16560	CLIP, HOSE	1	1	1	1				
9	1	172A46-16780	GUAIDE, HARNESS	1	1	1	1				
10	1	172A47-17530	HOSE ASSY, HEATER	1	1	1	1				
13	1	172A46-17600	HOSE ASSY, HEATER	1	1	1	1				
16	1	172168-17601	CONNECTOR	1	1	1	1				
17	1	172137-17631	JOINT, HEATER	1	1	1	1				
18	1	172425-17630	VALVE ASSY, HEATER	1	1	1	1				
19	1	172124-17640	JOINT, PIPE	1	1	1	1				
20	1	172A47-18140	CABLE	1	1	1	1				
21	1	172A46-18190	HOSE	1	1	1	1				
22	2	1A7030-88820	O-RING	2	2	2	2				
23	1	172A46-18200	HOSE	1	1	1	1				
24	2	1A7030-88760	O-RING	2	2	2	2				
25	1	172A46-18210	HOSE	1	1	1	1				
26	2	1A7030-88760	O-RING	2	2	2	2				
27	2	172A47-18230	SWITCH, PRESSURE	1	1	1	1				
28	1	172A46-18220	HOSE	1	1	1	1				
29	2	1A7030-88840	O-RING	2	2	2	2				
30	1	172A46-18450	DREN	1	1	1	1				
31	1	172A46-18460	DREN	1	1	1	1				
32	1	172A46-18470	DREN	1	1	1	1				
33	1	172A46-18480	DREN	1	1	1	1				
34	1	172A46-18490	DREN	1	1	1	1				
35	1	1E8685-79920	VALVE, WATER	1	1	1	1				
36	1	1E8545-80030	JOINT, DRAIN	2	2	2	2				
37	1	172A47-18300	BUSH	1	1	1	1				
38	1	172458-18660	HOSE ASSY, HEATER	1	1	1	1				
39	1	172A47-18730	BRACKET ASSY	1	1	1	1				
40	1	172A46-18770	GUIDE ASSY, HOSE	1	1	1	1				
41	1	172A47-19380	SPONGE	1	1	1	1				
41-1	1	172A47-19381	SPONGE	1	1	1	1			N	
(A=M53314) (B=M53314) (C=M53314) (D=M53314)											
42	1	172A47-19390	SPONGE	1	1	1	1				
42-1	1	172A47-19391	SPONGE	1	1	1	1			N	
(A=M53314) (B=M53314) (C=M53314) (D=M53314)											
43	1	124465-44950	GASKET, 16	1	1	1	1				

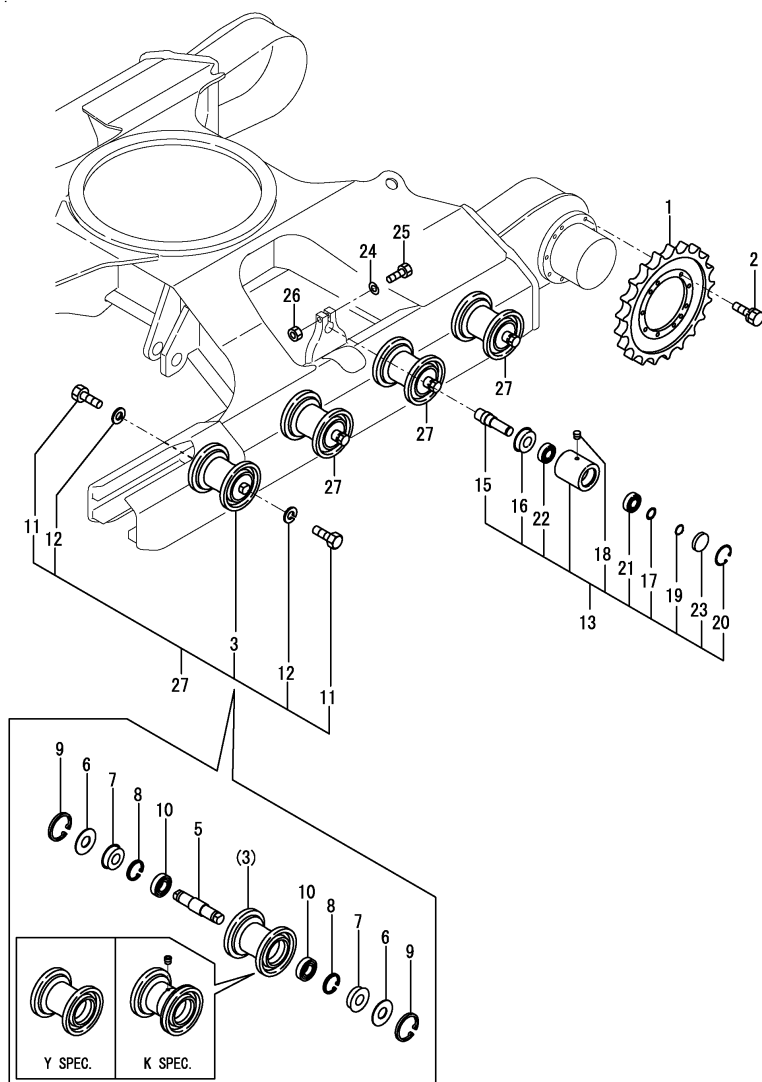
Remarks
(1)Please use this part with following label at the same time.
Ref.No.1D,1E.
(2)Label is not illustrated.

Fig.27. AIR CONDITIONER(PIPING)



Remarks
(1)Please use this part with following label at the same time.
Ref.No.1D,1E.
(2)Label is not illustrated.

					OCS10-M52701				Fig.27				
					(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)				(D)=VIO27-5B(SG) (E)= (F)=				
No.	Lev.	Parts No.	Description	Q'ty								I	R
				(A)	(B)	(C)	(D)	(E)	(F)				
44	1	194680-51670	BAND, CLIP	3	3	3	3						
45	1	172458-63641	SPONGE, HOSE	1	1	1	1						
46	1	22137-060000	WASHER, 6	2	2	2	2						
47	1	23001-022000	CLAMP, HOSE 22	6	6	6	6						
48	1	23001-041000	CLAMP, HOSE 41	4	4	4	4						
49	1	26013-060252	BOLT, M6X 25	2	2	2	2						
50	1	26013-080162	BOLT, M8X 16	2	2	2	2						
51	1	26013-100202	BOLT, M10X 20	2	2	2	2						
52	1	26587-040202	SCREW, M4X20	2	2	2	2						
53	1	172A47-18300	BUSH	1	1	1	1	W					
(A=M53001)		(B=M53001)	(C=M53001)	(D=M53001)									

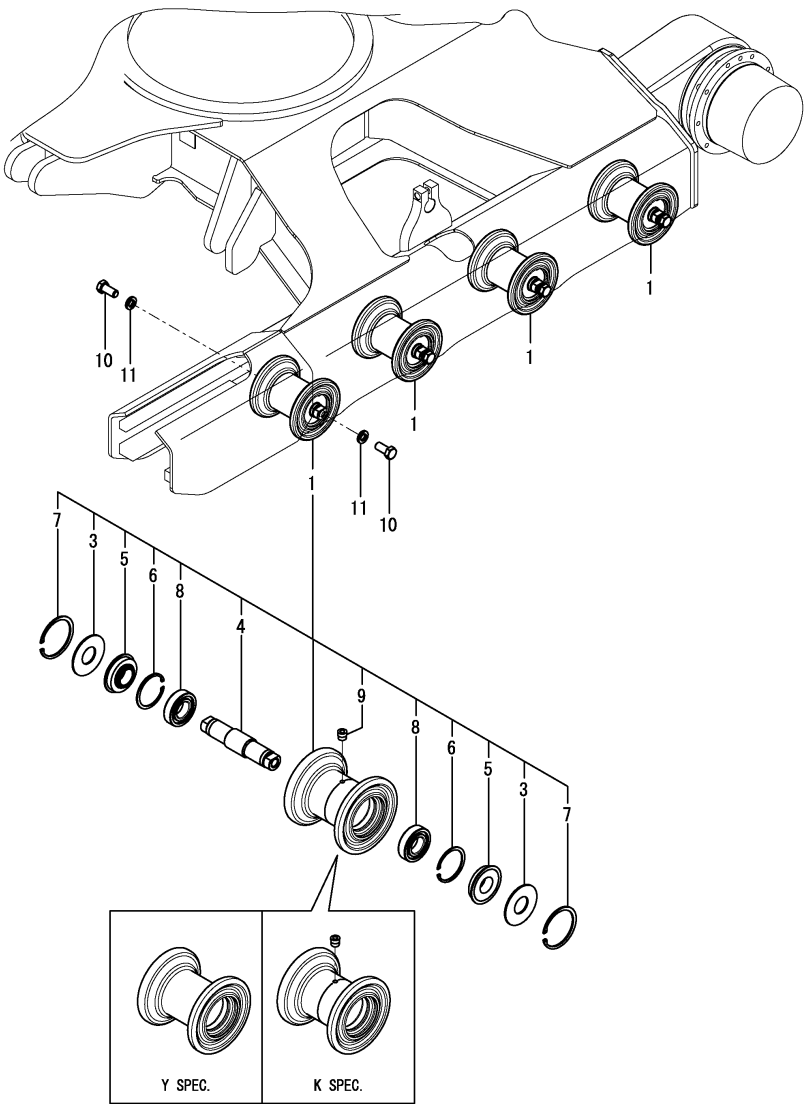


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-29100-2	SPROCKET	2	2	2	2				
2	1	26013-100252	BOLT, M10X 25	24	24	24	24				
3	1	172441-37301-2	ROLLER, TRUCK	8	8	8	8				
3-1	1	172441-37302	ROLLER ASSY,TRACK	8	8	8	8				N
	(A=M54391)	(B=M54391)	(C=M54391)	(D=M54391)							
3-2	1	172441-37302	ROLLER ASSY,TRACK	8	8	8	8				Z 2
	(A=*2014.05)	(B=*2014.05)	(C=*2014.05)	(D=*2014.05)							
5	2	172422-37310	SHAFT, ROLLER	8	8	8	8				
6	2	172141-37320	SPACER	16	16	16	16				
7	2	1A1030-48250	SEAL, QLF30621218	16	16	16	16				
8	2	22252-000620	RING, 62	16	16	16	16				
9	2	22252-000750	RING, 75	16	16	16	16				
10	2	933111-73800	BEARING, BALL	16	16	16	16				
11	1	172490-37320	BOLT	16	16	16	16				
12	1	22217-160000	WASHER, SPRING 16	16	16	16	16				
13	1	172458-37500-2	ROLLER ASSY, CARRIER	2	2	2	2				
15	2	172458-37570	SHAFT	2	2	2	2				
16	2	172458-37580	SEAL, OIL	2	2	2	2				
17	2	172458-37590	COLLAR	2	2	2	2				
18	2	194630-42120	PLUG, PT1/8	2	2	2	2				
19	2	22242-000250	RING, 25	2	2	2	2				
20	2	22252-000521	RING, 52	2	2	2	2				
21	2	24101-062054	BEARING, BALL 6205	2	2	2	2				
22	2	24102-062054	BEARING, BALL 6205U	2	2	2	2				
23	2	27260-520000	PLUG, 52	2	2	2	2				
24	1	22217-140000	WASHER, SPRING 14	2	2	2	2				
25	1	26116-140652	BOLT, M14X 65 PLATED	2	2	2	2				
26	1	26716-140002	NUT, M14	2	2	2	2				
27	1	772441-37300-2	ROLLER ASSY, TRUCK	8	8	8	8				W 1
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
27-1	1	772441-37300-2	ROLLER ASSY, TRUCK	8	8	8	8				Z
	(A=*2014.05)	(B=*2014.05)	(C=*2014.05)	(D=*2014.05)							

Remarks
(1)Include Ref.No.3,11,12.
(2)Y specification. replacement with Fig.123(29A) No.1.
The inner parts are not compatible.

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.123. (29A)TRACK ROLLER(K SPEC.)

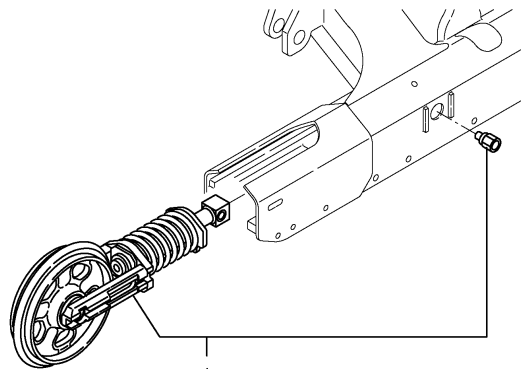


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

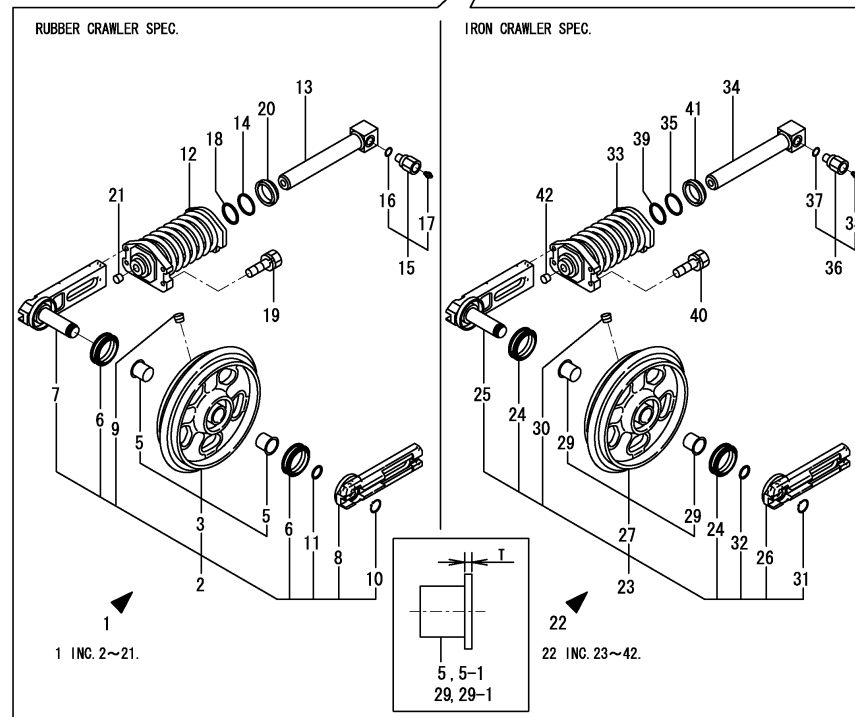
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-37300	ROLLER ASSY,LOWER (A=*2014.05.) (B=*2014.05.) (C=*2014.05.) (D=*2014.05.)	8	8	8	8				W
3	2	172141-37320	SPACER	16	16	16	16				
4	2	172B03-37320	SHAFT	8	8	8	8				
5	2	1A1030-48250	SEAL,OIL QLF30621218	16	16	16	16				
6	2	22252-000620	RING, 62	16	16	16	16				
7	2	22252-000750	RING, 75	16	16	16	16				
8	2	24101-062064	BEARING, BALL 6206	16	16	16	16				
9	2	933171-13691	PLUG	8	8	8	8				
10	1	172490-37320	BOLT	16	16	16	16				
11	1	22217-160000	WASHER, SPRING 16	16	16	16	16				

Remarks
*Track roller(Y spec.) are shown in Fig.29.
The inner parts are not compatible.



1 RUBBER CRAWLER SPEC.
22 IRON CRAWLER SPEC.



(3) T=Ref.No.5,29:2mm, No.5-1,29-1:4.5mm.

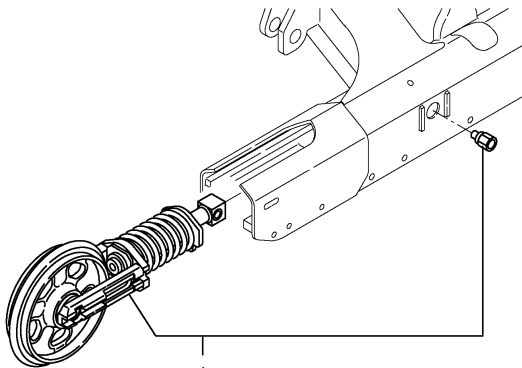
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)					(D)=VIO27-5B(SG) (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772458-37200-2	IDLER ASSY, RUBBER	2	2	2	2				1
2	2	772458-37100-2	IDLER ASSY	2	2	2	2				
3	3	172458-37101-2	IDLER ASSY	2	2	2	2				
3-1	3	172458-37102	IDLER ASSY	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
5	4	172423-37370	BUSH	4	4	4	4				
5-1	4	172A77-37370	BUSH	4	4	4	4			S	3
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
6	3	172458-37120	SEAL, FLOATING	4	4	4	4				
7	3	172458-37130	SHAFT ASSY, IDLER	2	2	2	2				
7-1	3	172458-37131	SHAFT ASSY, IDLER	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
8	3	172458-37150	COVER, SEAL	2	2	2	2				
8-1	3	172458-37151	COVER, SEAL	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
9	3	194630-42120	PLUG, PT1/8	2	2	2	2				
10	3	22242-000300	RING, 30	2	2	2	2				
11	3	24321-000300	O-RING, 1AG30.0	2	2	2	2				
12	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2	2				
13	2	172422-37780	PISTON ASSY, ADJUST	2	2	2	2				
14	2	172460-37750	RING, BACK UP	2	2	2	2				
15	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2				
16	3	24315-000140	O-RING, 1BP14.0	2	2	2	2				
17	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
18	2	24325-000400	O-RING, 1BG40.0	2	2	2	2				
19	2	26013-100402	BOLT, M10X 40	8	8	8	8				
20	2	933111-23600	SEAL, OIL	2	2	2	2				
21	2	933171-13691	PLUG	2	2	2	2				
22	1	772458-37120-2	IDLER ASSY, IRON	2	2	2	2				2
23	2	772458-37110-2	IDLER ASSY	2	2	2	2				
24	3	172458-37120	SEAL, FLOATING	4	4	4	4				
25	3	172458-37130	SHAFT ASSY, IDLER	2	2	2	2				
25-1	3	172458-37131	SHAFT ASSY, IDLER	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
26	3	172458-37150	COVER, SEAL	2	2	2	2				
26-1	3	172458-37151	COVER, SEAL	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
27	3	172458-37171-2	IDLER ASSY	2	2	2	2				
27-1	3	172458-37172-1	IDLER ASSY	2	2	2	2			N	
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
29	4	172423-37370	BUSH	4	4	4	4				
29-1	4	172A77-37370	BUSH	4	4	4	4			S	3
		(A=M53470)	(B=M53470)	(C=M53470)	(D=M53470)						
30	3	194630-42120	PLUG, PT1/8	2	2	2	2				
31	3	22242-000300	RING, 30	2	2	2	2				
32	3	24321-000300	O-RING, 1AG30.0	2	2	2	2				
33	2	172458-37700	SPRING ASSY, CRAWLER	2	2	2	2				
34	2	172422-37780	PISTON ASSY, ADJUST	2	2	2	2				
35	2	172460-37750	RING, BACK UP	2	2	2	2				
36	2	172122-37844	VALVE ASSY, NIPPLE	2	2	2	2				
37	3	24315-000140	O-RING, 1BP14.0	2	2	2	2				

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
 ++ CONTINUE ++
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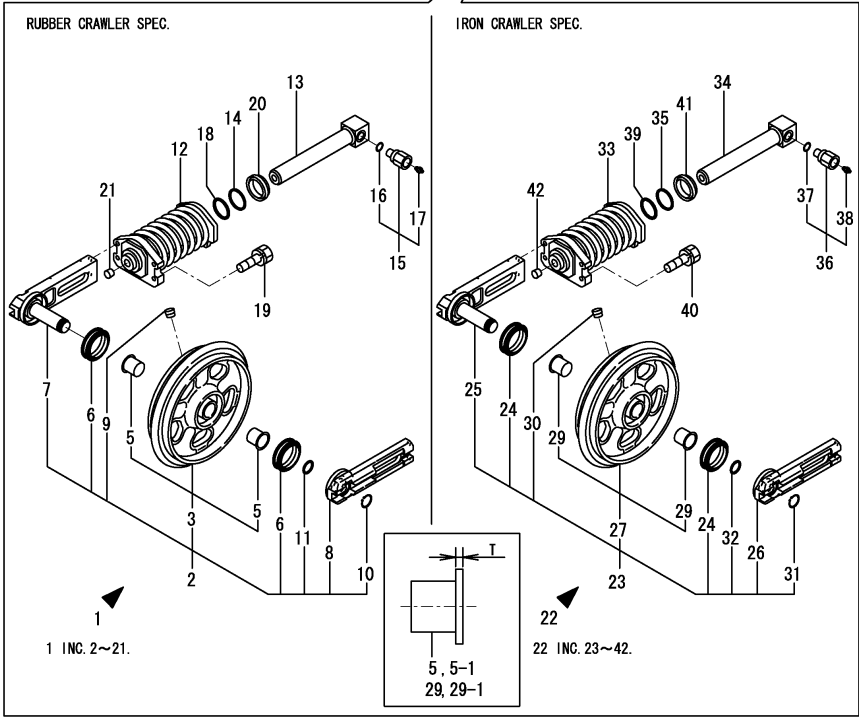
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38	3	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
39	2	24325-000400	O-RING, 1BG40.0	2	2	2	2				
40	2	26013-100402	BOLT, M10X 40	8	8	8	8				
41	2	933111-23600	SEAL, OIL	2	2	2	2				
42	2	933171-13691	PLUG	2	2	2	2				



1 RUBBER CRAWLER SPEC.
22 IRON CRAWLER SPEC.

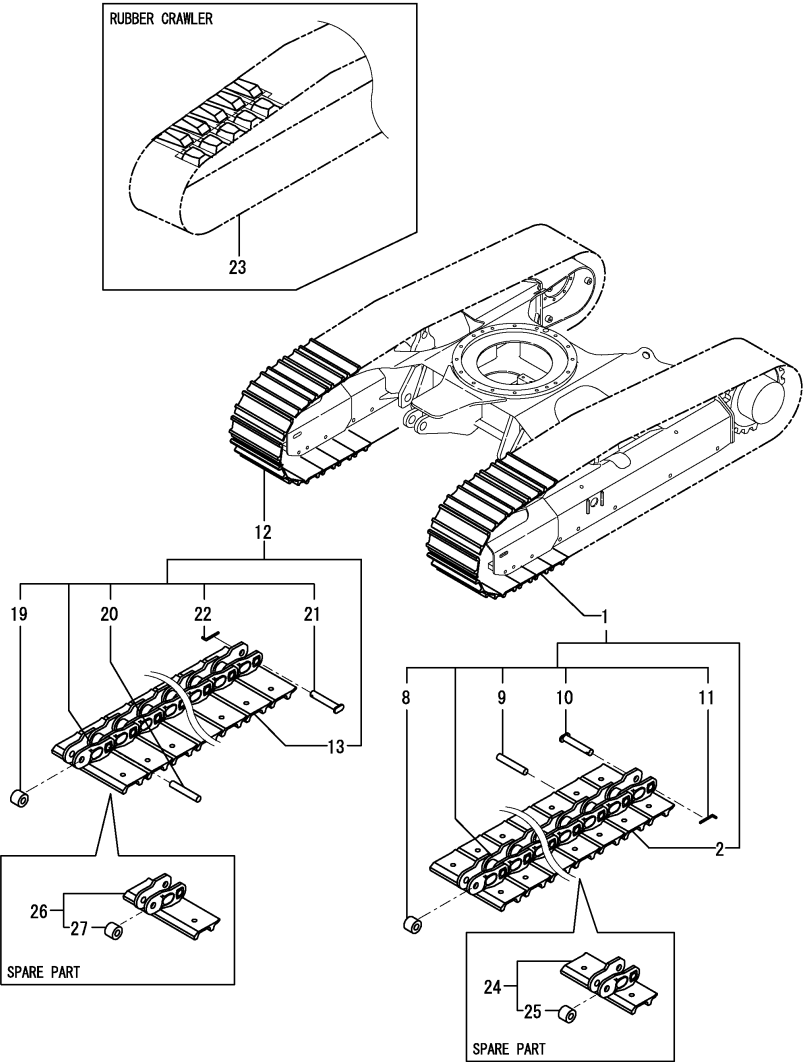


Remarks
(1)Rubber crawler spec.
(2)Iron crawler spec.
(3)T=Ref.No.5,29:2mm, No.5-1,29-1:4.5mm.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-38101	SHOE ASSY, TRACK 300	1	1	1	1				1
2	2	172458-38110-2	PLATE, SHOE	41	41	41	41				
8	3	172458-38201	BUSH, TRUCK	41	41	41	41				
9	3	172458-38210	PIN, TRUCK	40	40	40	40				
10	3	172458-38220	PIN, MASTER	1	1	1	1				
11	3	172458-38230	PIN, STOP	1	1	1	1				
12	1	172457-38121	SHOE ASSY, TRACK 300	1	1	1	1				1
13	2	172458-38130-2	PLATE, SHOE	41	41	41	41				
19	3	172458-38201	BUSH, TRUCK	41	41	41	41				
20	3	172458-38210	PIN, TRUCK	40	40	40	40				
21	3	172458-38220	PIN, MASTER	1	1	1	1				
22	3	172458-38230	PIN, STOP	1	1	1	1				
23	1	172457-38600	CRAWLER, RUBBER 260	2	2	2	2				2
24	1	172458-38300-2	TRACK ASSY, MASTER	1	1	1	1				3
25	2	172458-38201	BUSH, TRUCK	1	1	1	1				
26	1	172458-38310-2	TRACK ASSY, MASTER	1	1	1	1				3
27	2	172458-38201	BUSH, TRUCK	1	1	1	1				



Remarks
(1)Iron crawler spec.
(2)Rubber crawler spec.
(3)Spare parts.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(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	1				
1-1	1	172A77-46050	GRIP	1	1	1	1				S
		(A=M53431)	(B=M53431)	(C=M53431)	(D=M53431)						
2	1	172165-45970	SPRING	1	1	1	1				
3	1	172A47-46451	LEVER ASSY, LOCK	1	1	1	1				1
3-1	1	172A47-46452	LOCK LEVER ASSY,R	1	1	1	1				F 3
		(A=M53431)	(B=M53431)	(C=M53431)	(D=M53431)						
4	1	172A47-46470	SHAFT ASSY, LEVER	1	1	1	1				
4-1	1	172A47-46471	SHAFT ASSY, LEVER	1	1	1	1				N
		(A=M53274)	(B=M53274)	(C=M53274)	(D=M53274)						
5	1	194464-52190	SWITCH, SAFETY START	1	1	1	1				
6	1	22351-050032	PIN, SPRING 5.0X32	1	1	1	1				
7	1	24311-000210	O-RING, 1AP21.0	2	2	2	2				
8	1	26776-180002	NUT, LOCK M18	1	1	1	1				
9A	1	172183-03280	LABEL, LOCK	1	1	1	1				2

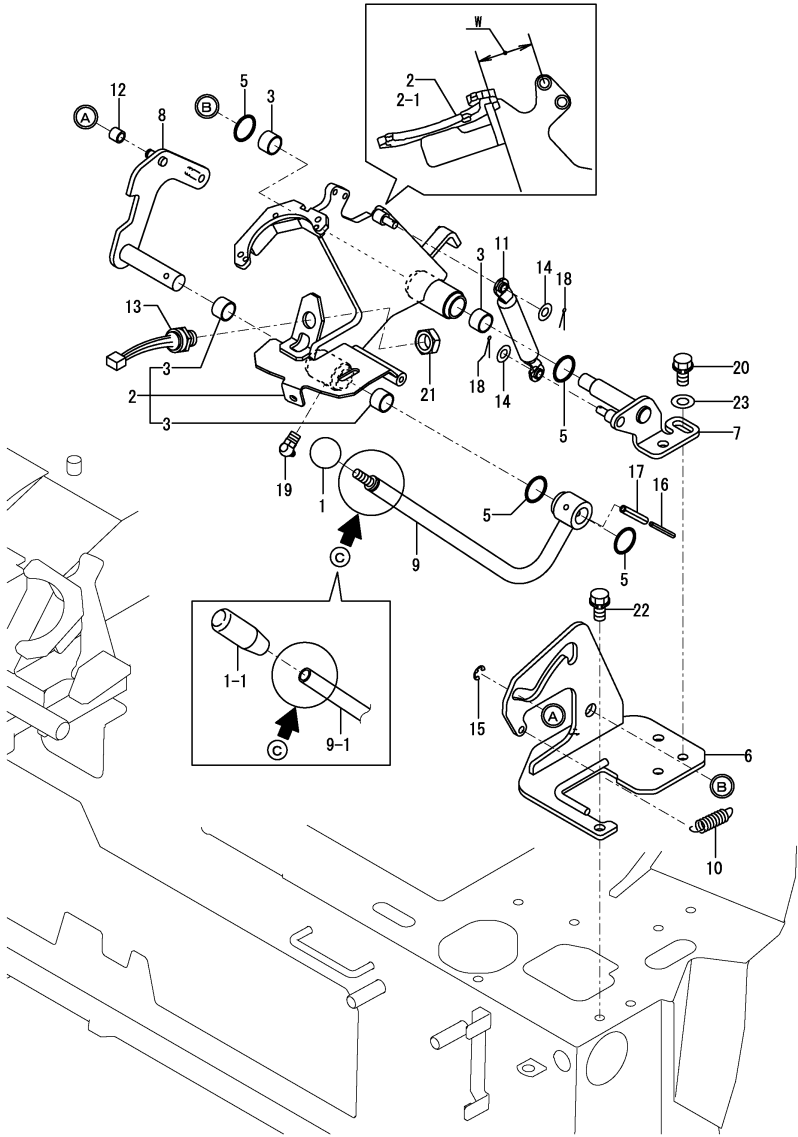
Interchangeable by simultaneous replacement with Ref.No.1-1.

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

Fig.33. CONTROL EQUIPMENT(LOCK LEVER & STAND : LEFT)

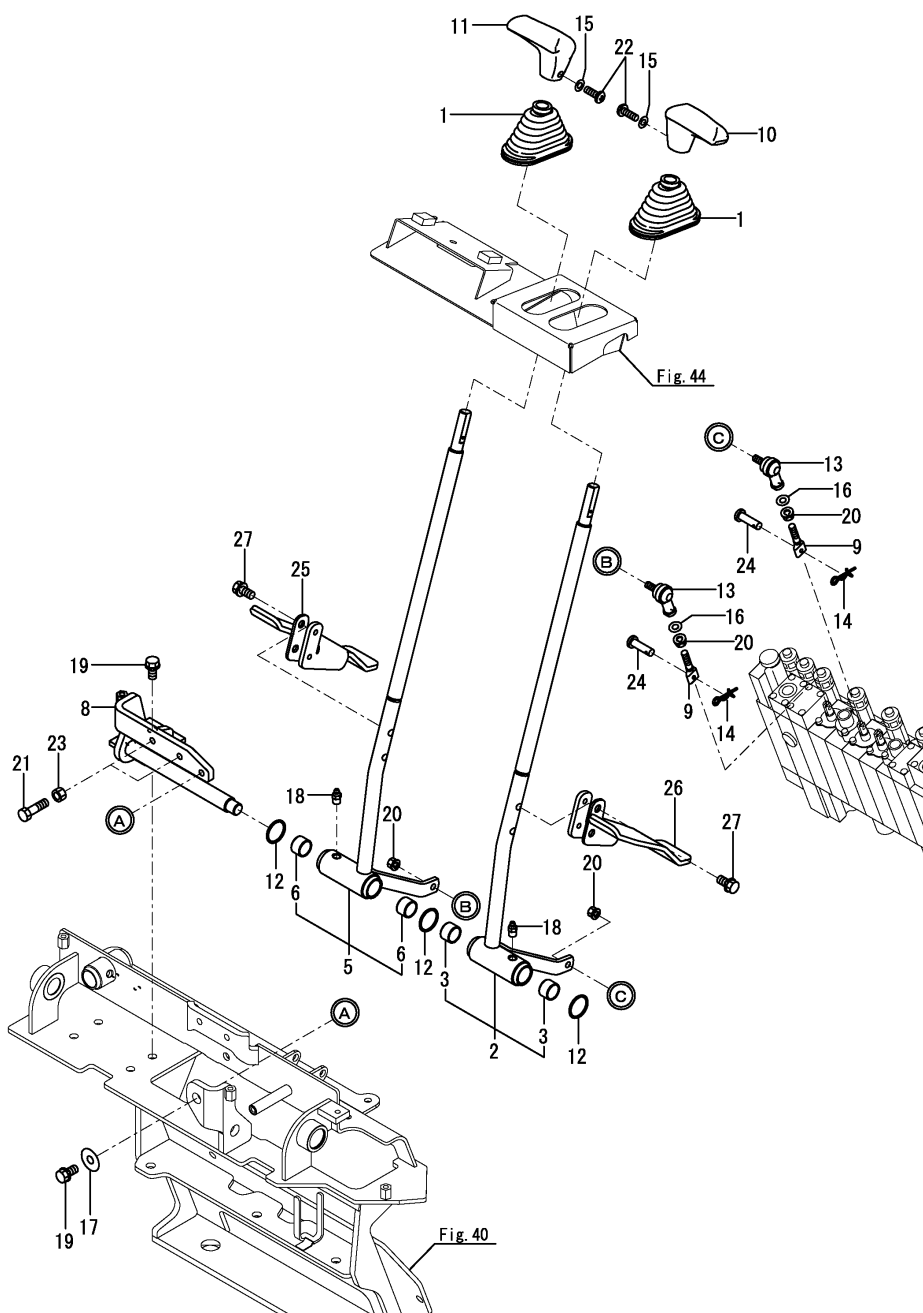
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

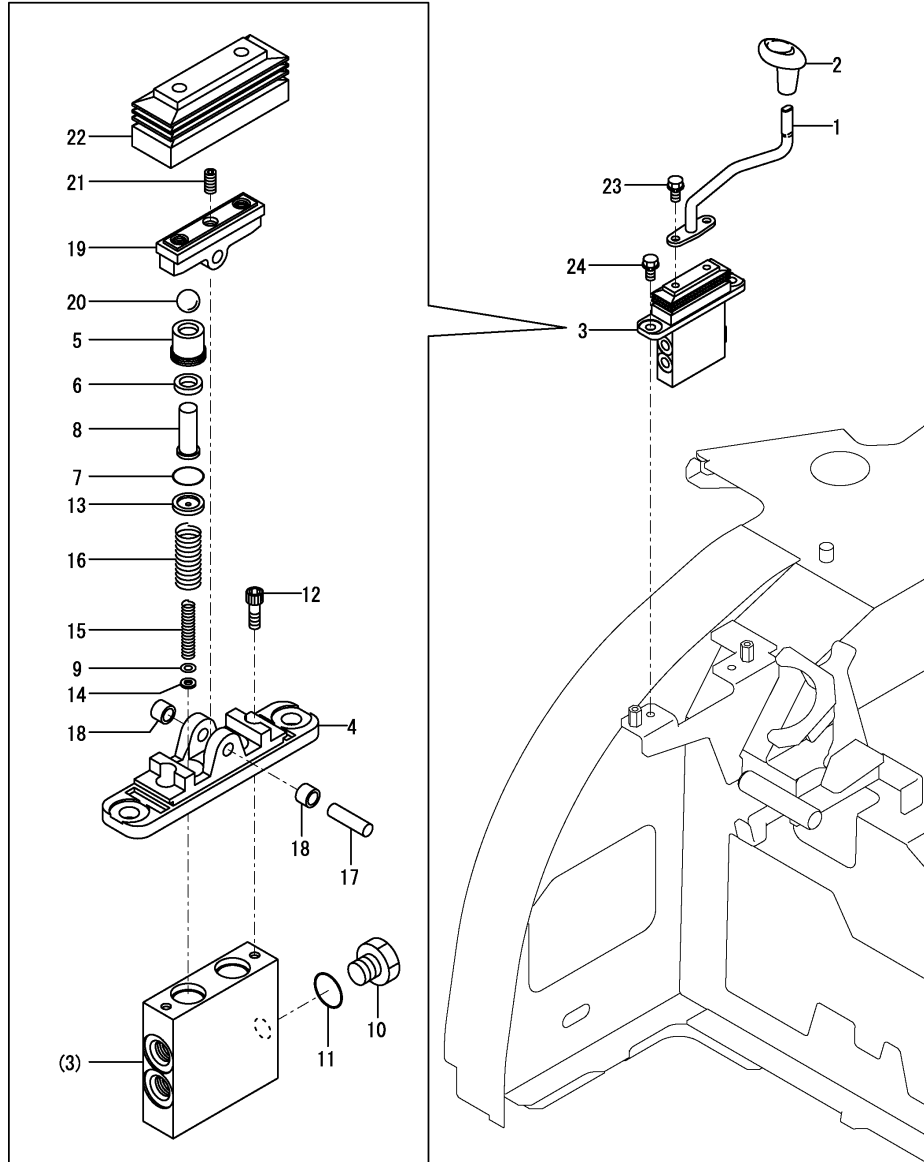


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP	1	1	1	1				
1-1	1	172A77-46050	GRIP	1	1	1	1			S	
		(A=M53431) (B=M53431) (C=M53431) (D=M53431)									
2	1	172A78-46100	STAND ASSY, LEVER	1	1	1	1				
2-1	1	172A78-46101	STAND ASSY, LEVER	1	1	1	1			S	4
		(A=M53400) (B=M53400) (C=M53400) (D=M53400)									
3	2	172141-41370	BUSH	4	4	4	4				
5	1	172124-46200	O-RING	4	4	4	4				
6	1	172A47-46210	BASE ASSY, LEVER	1	1	1	1				
7	1	172A47-46230	PLATE ASSY, BASE	1	1	1	1				
8	1	172A47-46310	ROD ASSY, SPRING	1	1	1	1				
9	1	172A47-46343	LEVER ASSY, LOCK	1	1	1	1				1
9-1	1	172A47-46344	LEVER ASSY, LOCK	1	1	1	1			F	3
		(A=M53431) (B=M53431) (C=M53431) (D=M53431)									
10	1	172162-46690	SPRING	1	1	1	1				
10-1	1	172A69-46270	SPRING	1	1	1	1			N	
		(A=M53285) (B=M53285) (C=M53285) (D=M53285)									
11	1	172455-46890	SPRING, GAS	1	1	1	1				
12	1	172165-47550	BUSH	1	1	1	1				
13	1	194464-52190	SWITCH, SAFETY START	1	1	1	1				
14	1	22137-080000	WASHER, 8	2	2	2	2				
15	1	22272-000070	RING, E- 7	1	1	1	1				
16	1	22351-035040	PIN, SPRING 3.5X40	1	1	1	1				
17	1	22351-060040	PIN, SPRING 6.0X40	1	1	1	1				
18	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
19	1	24761-050000	NIPPLE, GREASE C	1	1	1	1				
20	1	26013-100252	BOLT, M10X 25	2	2	2	2				
21	1	26776-180002	NUT, LOCK M18	1	1	1	1				
22	1	26013-100202	BOLT, M10X 20	3	3	3	3				
23	1	22137-100000	WASHER, 10	2	2	2	2				
24A	1	172183-03280	LABEL, LOCK	1	1	1	1				2

Remarks
(1)Please use this part with following label at the same time.
Ref.No.24A.
(2)Label is not illustrated.
(3)C=Ref.No.9:M10 screw, No.9-1:no screw.
Interchangeable by simultaneous replacement with Ref.No.1-1.
(4)W=Ref.No.2:41mm, No.2-1:45mm.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-41340	BOOT	2	2	2	2				
2	1	172A47-45100	LEVER, TRUCK	1	1	1	1				
3	2	172141-41370	BUSH	2	2	2	2				
5	1	172A47-45150	LEVER, TRUCK	1	1	1	1				
6	2	172141-41370	BUSH	2	2	2	2				
8	1	172A47-45450	BRACKET, TRUCK	1	1	1	1				
8-1	1	172A47-45451	BRACKET ASSY,TRUCK	1	1	1	1				N
	(A=M53510)	(B=M53510)	(C=M53510)	(D=M53510)							
9	1	172146-45691	ROD, SPOOL	2	2	2	2				
10	1	172187-45870	GRIP, DRIVE	1	1	1	1				
11	1	172187-45880	GRIP, DRIVE	1	1	1	1				
12	1	172124-46200	O-RING	3	3	3	3				
13	1	172122-46590	ELBOW	2	2	2	2				
14	1	1C6281-52310	PIN, SNAP 6	2	2	2	2				
15	1	22117-040000	WASHER, 4	2	2	2	2				
16	1	22117-080000	WASHER, 8	2	2	2	2				
17	1	22157-100000	WASHER, 10	1	1	1	1				
18	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
19	1	26013-100252	BOLT, M10X 25	3	3	3	3				
20	1	26051-080002	NUT, M8	4	4	4	4				
21	1	26116-100354	BOLT, M10X 35 PLATED	2	2	2	2				
22	1	26587-040122	SCREW, M4X12	2	2	2	2				
23	1	26716-100002	NUT, M10	2	2	2	2				
24	1	933110-54100	PIN	2	2	2	2				
25	1	172A47-44200	PEDAL, TRUCK	1	1	1	1				
26	1	172A47-44230	PEDAL, TRUCK	1	1	1	1				
27	1	26106-080302	BOLT, M8X 30 PLATED	4	4	4	4				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-45350	LEVER, BLADE	1	1	1	1				
2	1	172164-45970	GRIP, BLADE	1	1	1	1				
3	1	172A47-74700	VALVE ASSY, BLADE	1	1	1	1				
4	2	172A47-74710	COVER	1	1	1	1				
5	2	172A47-74720	PLUG	2	2	2	2				
6	2	172A47-74730	PACKING	2	2	2	2				
7	2	172A47-74740	O-RING	2	2	2	2				
8	2	172A47-74750	ROD, PUSH	2	2	2	2				
9	2	172A47-74760	SHIM	2	2	2	2				
10	2	172A47-74770	PLUG	1	1	1	1				
11	2	172A47-74780	O-RING	1	1	1	1				
12	2	172A47-74790	BOLT	2	2	2	2				
13	2	172A47-74800	SEAT, SPRING	2	2	2	2				
14	2	172A47-74810	WASHER	2	2	2	2				
15	2	172A47-74820	SPRING	2	2	2	2				
16	2	172A47-74830	SPRING	2	2	2	2				
17	2	172A47-74840	SHAFT, CAM	1	1	1	1				
18	2	172A47-74850	BUSH	2	2	2	2				
19	2	172A47-74860	CAM	1	1	1	1				
20	2	172A47-74870	BALL, STEEL	2	2	2	2				
21	2	172A47-74880	SCREW, SETTING	1	1	1	1				
22	2	172A47-74890	BELLOWS	1	1	1	1				
23	1	26013-080162	BOLT, M8X 16	2	2	2	2				
24	1	26013-080202	BOLT, M8X 20	2	2	2	2				

Fig.36. CONTROL EQUIPMENT(SWING PEDAL)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194200-37780	NUT, M8	1	1	1	1				
2	1	172734-41300	JOINT, BALL	1	1	1	1				
2-1	1	1E6740-64200	BALL, LINK	1	1	1	1				R
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
3	1	1A1040-43900	WASHER, SPRING	1	1	1	1				
4	1	172A47-45200	LINK ASSY, SWING	1	1	1	1				
5	2	172141-41360	BUSH	2	2	2	2				
7	1	172A47-45260	PIN ASSY, SWING	1	1	1	1				
8	1	172A47-45300	PLATE, SWING	1	1	1	1				
9	1	172A47-45430	PEDAL	1	1	1	1				
10	1	172142-45870	ROD	1	1	1	1				
11	1	172124-46200	O-RING	2	2	2	2				
12	1	172162-46210	ROD	1	1	1	1				
13	1	172122-46590	ELBOW	2	2	2	2				
14	1	1C6281-52310	PIN, SNAP 6	1	1	1	1				
15	1	22117-080000	WASHER, 8	1	1	1	1				
16	1	22117-080000	WASHER, 8	2	2	2	2				
17	1	22137-100000	WASHER, 10	1	1	1	1				
18	1	22157-080000	WASHER, 8	1	1	1	1				
19	1	22417-200200	PIN, COTTER 2.0X20	1	1	1	1				
20	1	22487-100900	PIN, H10X 90	1	1	1	1				
21	1	24311-000210	O-RING, 1AP21.0	2	2	2	2				
22	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
23	1	26013-080162	BOLT, M8X 16	1	1	1	1				
24	1	26013-080162	BOLT, M8X 16	1	1	1	1				
25	1	26051-080002	NUT, M8	4	4	4	4				
26	1	26051-080002	NUT, M8	1	1	1	1				
27	1	933110-54100	PIN	1	1	1	1				

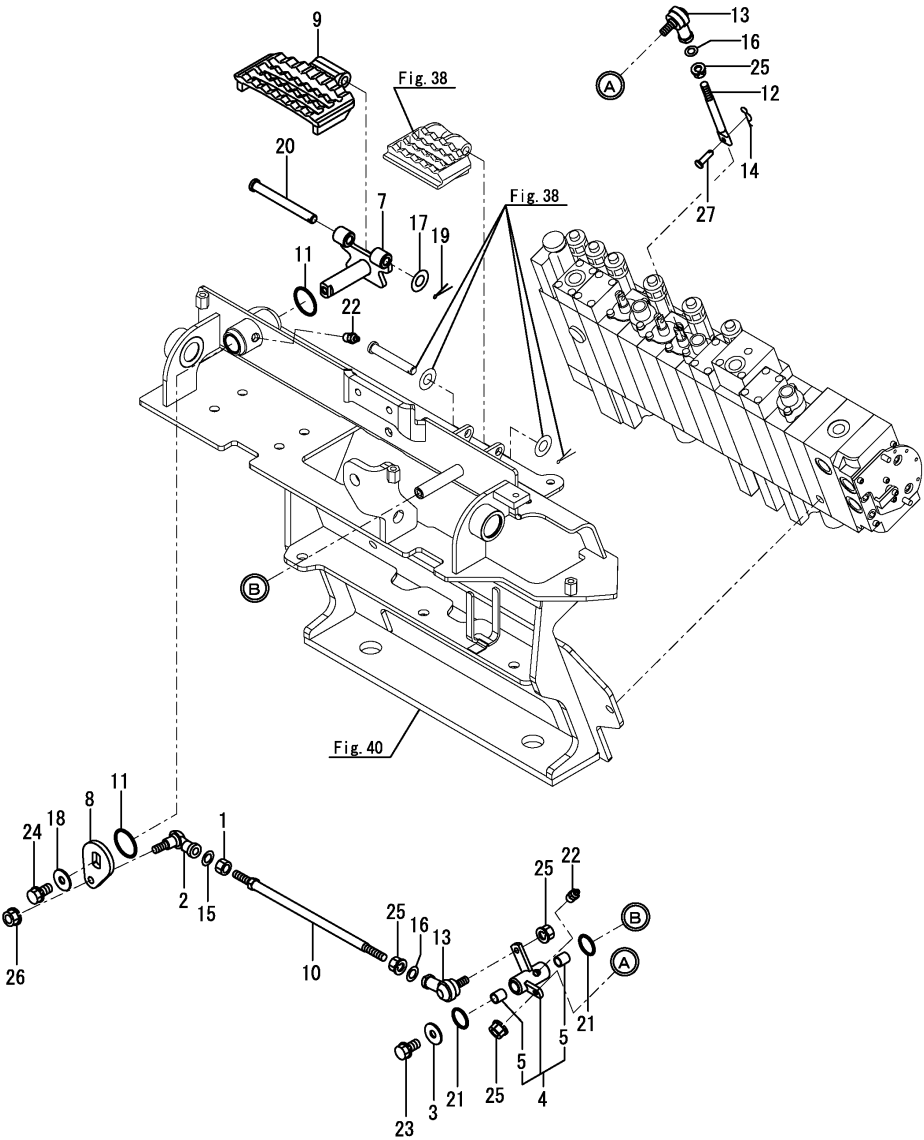
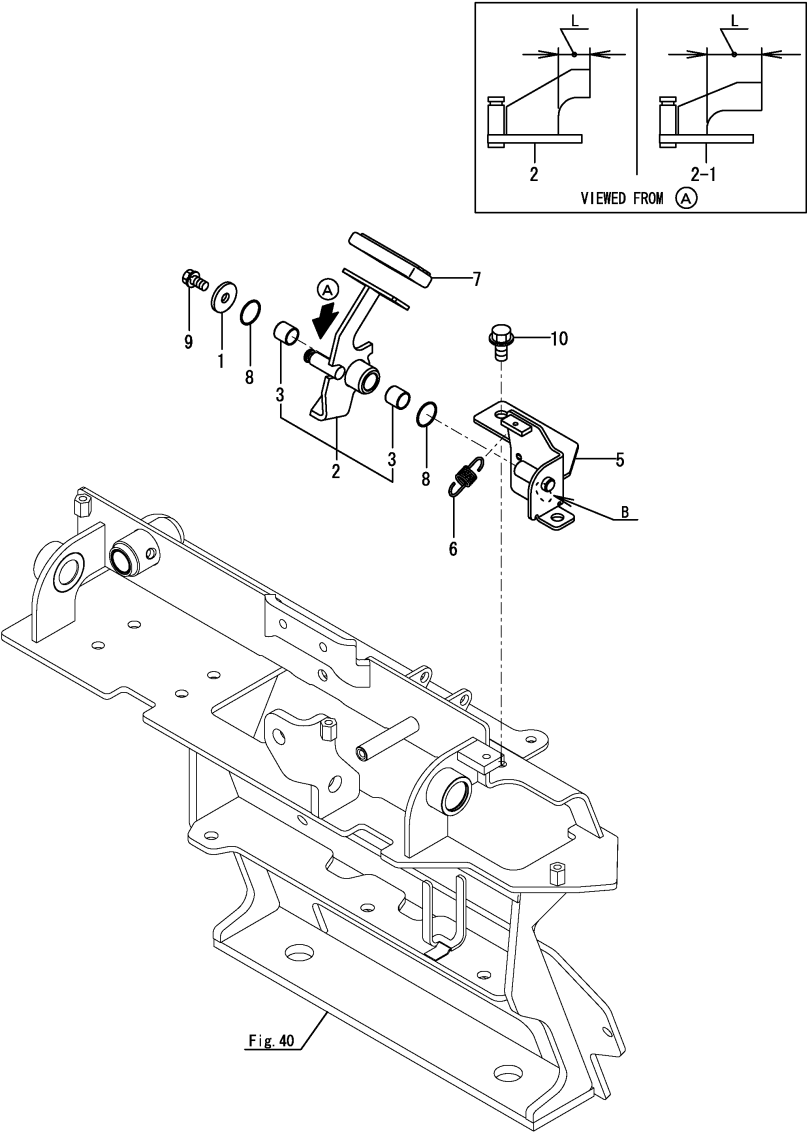


Fig.37. CONTROL EQUIPMENT(LOW-HIGH PEDAL)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

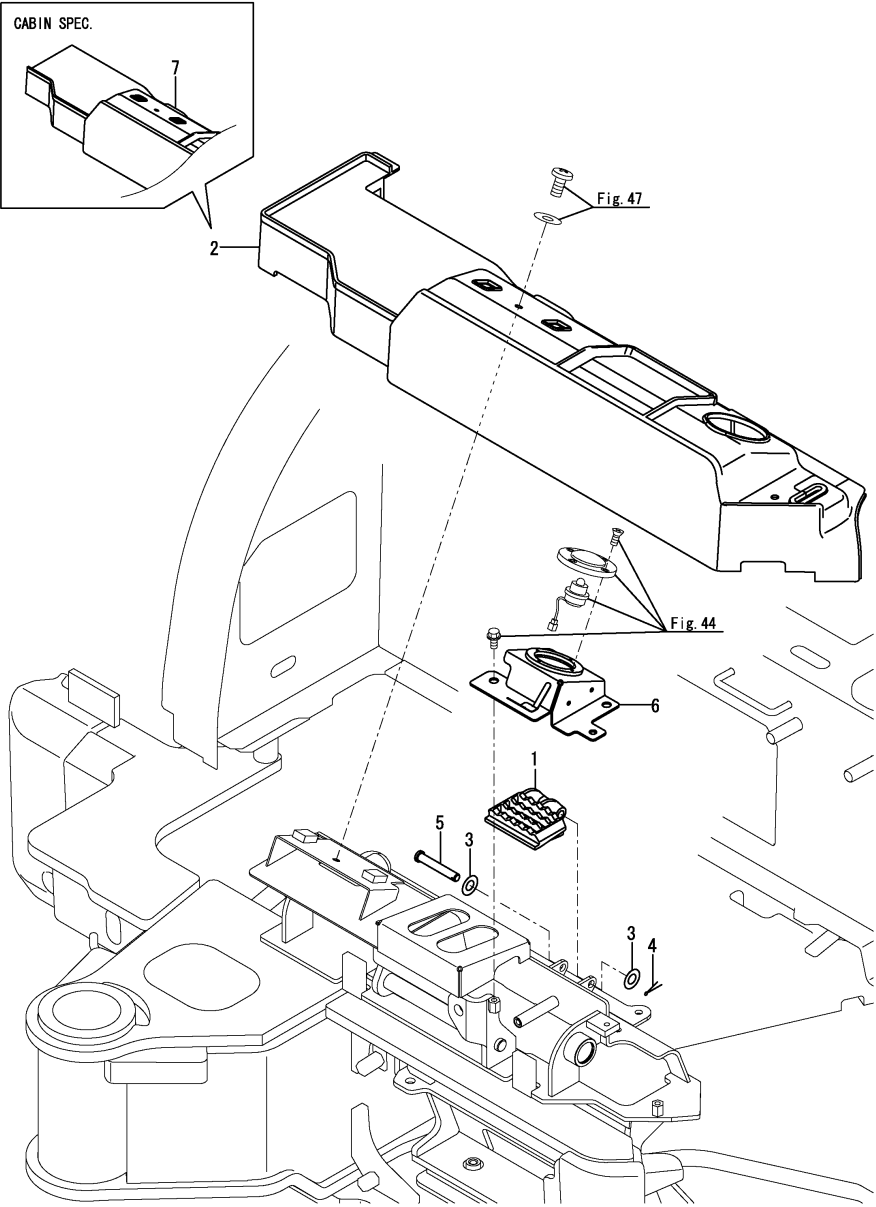
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1A1040-43900	WASHER, SPRING	1	1	1	1				
2	1	172A47-45501	PEDAL, SPEED	1	1	1	1				1
2-1	1	172A47-45502	PEDAL ASSY, SPEED	1	1	1	1			S	1
(A=M53479) (B=M53479) (C=M53479) (D=M53479)											
3	2	172141-41360	BUSH	2	2	2	2				
5	1	172A47-45531	BRACKET	1	1	1	1				2
5-1	1	172A47-45532	BRACKET ASSY	1	1	1	1			S	2
(A=M53479) (B=M53479) (C=M53479) (D=M53479)											
6	1	172A47-45580	SPRING	1	1	1	1				
7	1	172458-45950	PAD, PEDAL	1	1	1	1				
8	1	24311-000210	O-RING, 1AP21.0	2	2	2	2				
9	1	26013-080162	BOLT, M8X 16	1	1	1	1				
10	1	26106-080162	BOLT, M8X 16 PLATED	2	2	2	2				



Remarks
(1)L=Ref.No.2:17mm, No.2-1:35mm.
(2)B part hole diameter=Ref.No.5:19mm, No.5-1:21mm.

Fig.38. CONTROL EQUIPMENT(P.T.O. PEDAL)

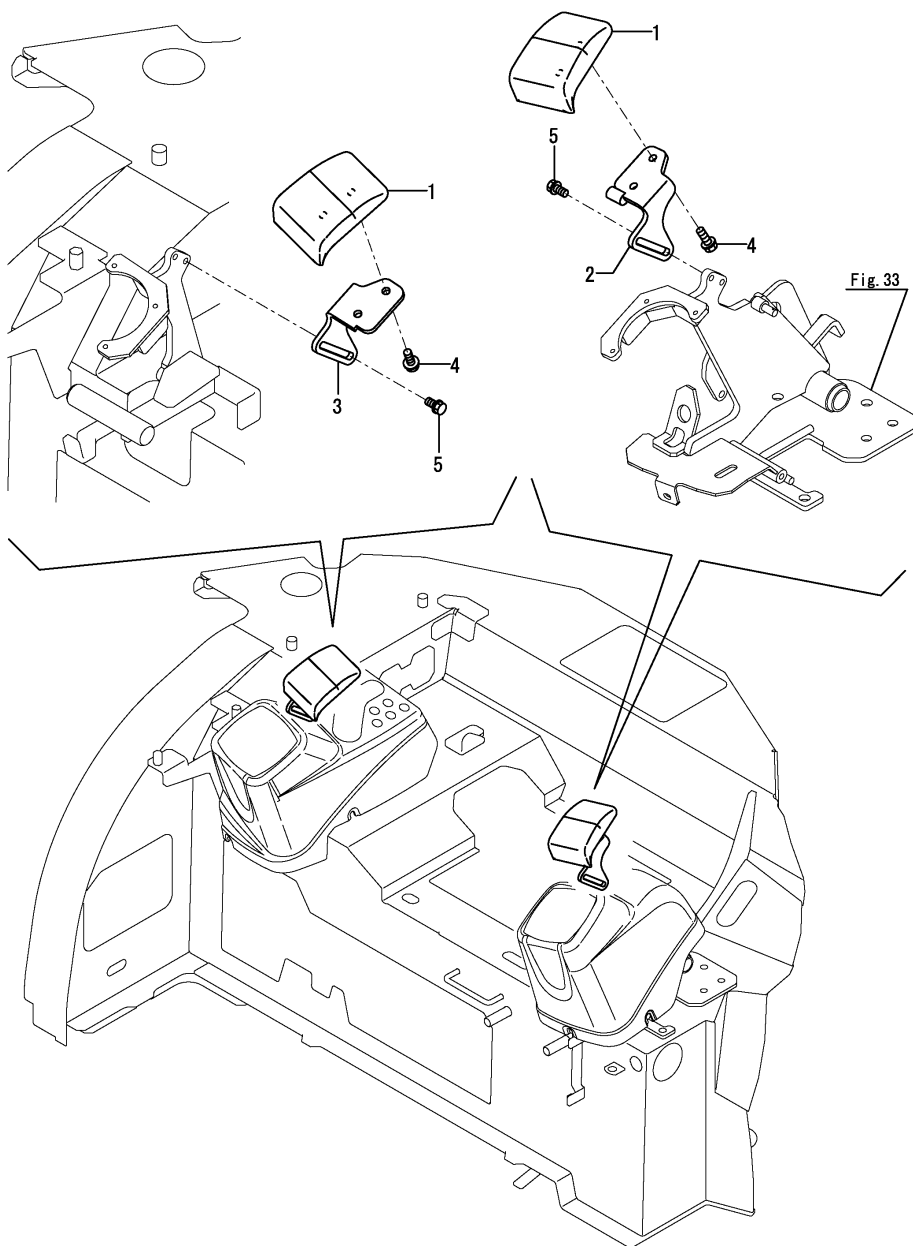


Remarks
(1)Canopy spec.
(2)Cabin spec.

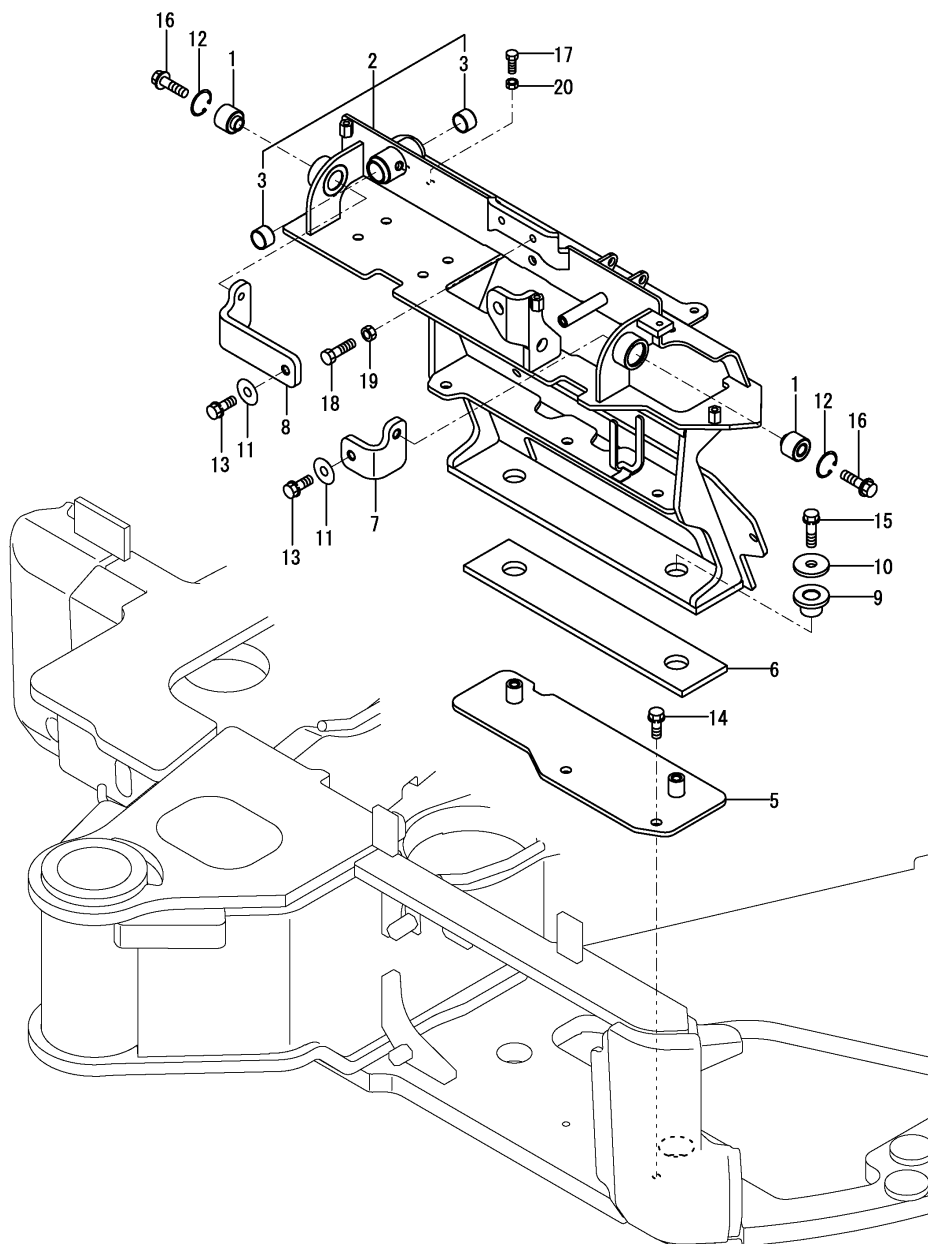
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-45420	PEDAL	1	1	1	1				
2	1	172A47-62501	MAT, FLOOR	1	1	1	1				1
3	1	22137-100000	WASHER, 10	2	2	2	2				
4	1	22417-200200	PIN, COTTER 2.0X20	1	1	1	1				
5	1	22487-100600	PIN, H10X 60	1	1	1	1				
6	1	172A47-62350	STEP ASSY, CONTROL	1	1	1	1				
7	1	172A46-62520	MAT, FLOOR	1	1	1	1				2

(D)=VIO27-5B(SG)
(E)=
(F)=



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

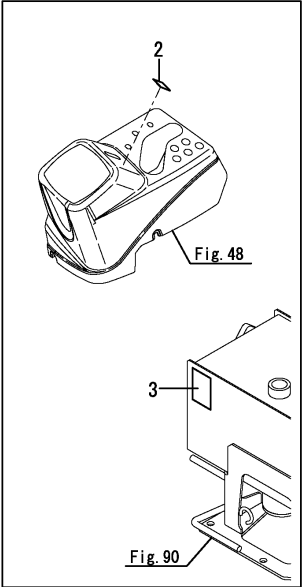
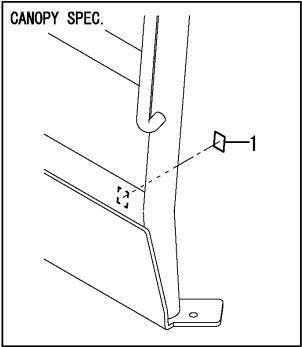
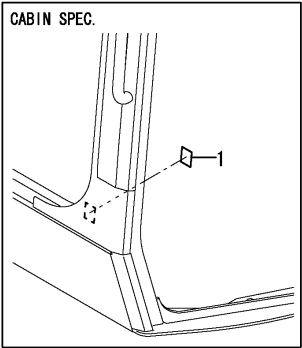
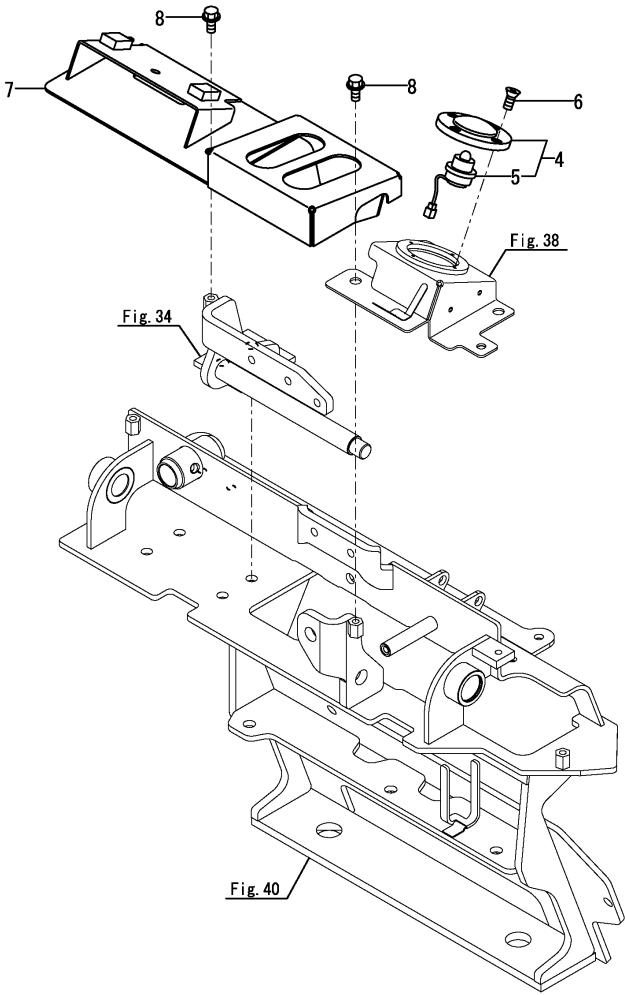


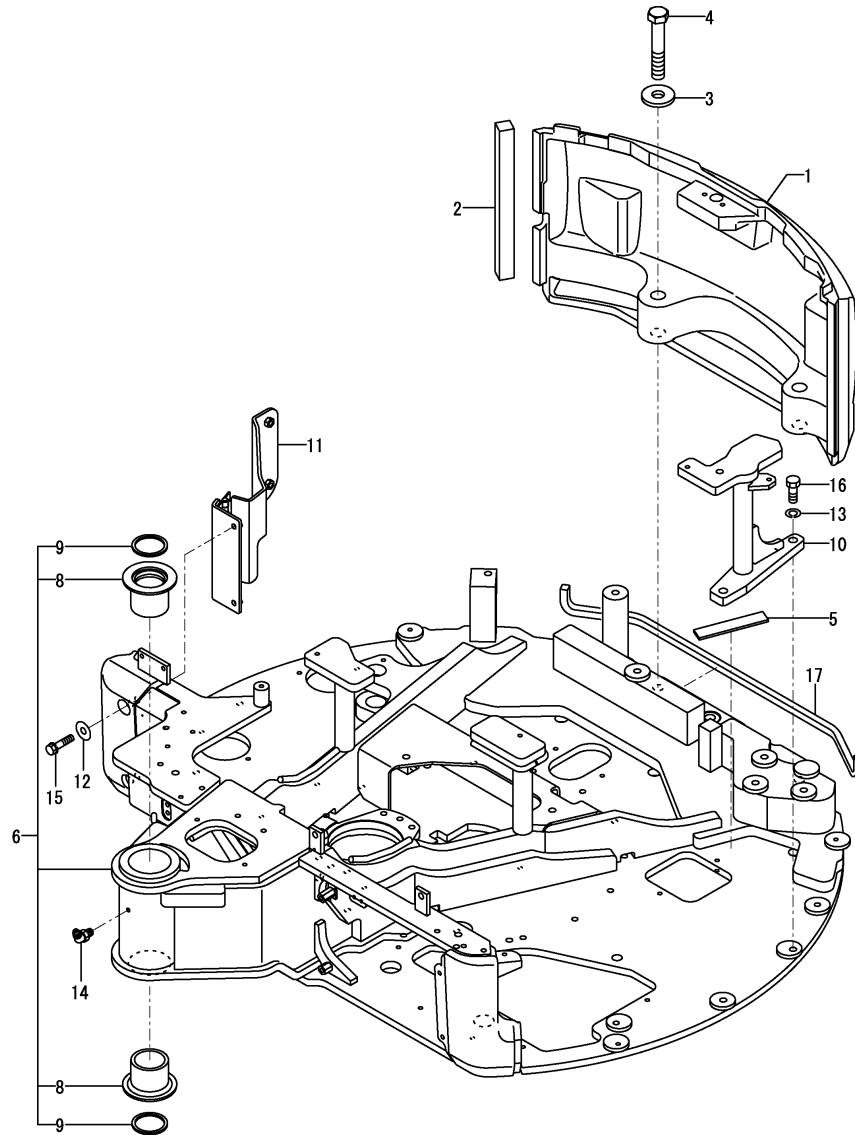
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172165-45490	CUSHION	2	2	2	2				
2	1	172A47-45601	MOUNT ASSY, LINK	1	1	1	1				
3	2	172141-41370	BUSH	2	2	2	2				
5	1	172A47-45800	BRACKET ASSY, DAMPER	1	1	1	1				
6	1	172A47-45840	PAD, ABSORBER	1	1	1	1				
7	1	172A47-45870	STAY, DAMPER	1	1	1	1				
8	1	172A47-45880	STAY, DAMPER	1	1	1	1				
9	1	172478-68870	GROMMET	2	2	2	2				
10	1	172478-68890	WASHER	2	2	2	2				
11	1	22157-100000	WASHER, 10	2	2	2	2				
12	1	22252-000280	RING, 28	2	2	2	2				
13	1	26013-100252	BOLT, M10X 25	2	2	2	2				
14	1	26013-100252	BOLT, M10X 25	2	2	2	2				
15	1	26013-100352	BOLT, M10X 35	2	2	2	2				
16	1	26106-100352	BOLT, M10X 35 PLATED	2	2	2	2				
17	1	26116-080204	BOLT, M8X 20 PLATED	2	2	2	2				
18	1	26116-100354	BOLT, M10X 35 PLATED	2	2	2	2				
18-1	1	26116-100304	BOLT, M10X 30 PLATED	2	2	2	2				N
	(A=M53298)	(B=M53298)	(C=M53298)	(D=M53298)							
19	1	26716-100002	NUT, M10	2	2	2	2				
20	1	26756-080002	NUT, LOCK M8	2	2	2	2				

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03250	LABEL, PTO FOOT	1	1	1	1				
2	1	172A47-03260	LABEL, PTO SWITCH	1	1	1	1				
3	1	172A47-03270	LABEL, PTO SELECT	1	1	1	1				
4	1	172A46-17300	SWITCH ASSY, PTO	1	1	1	1				
5	2	172A46-17310	SWITCH, SAFETY	1	1	1	1				
6	1	22869-400160	SCREW, 4X16	4	4	4	4				
7	1	172A47-62200	STEP ASSY, CONTROL	1	1	1	1				
7-1	1	172A47-62201	STEP ASSY, CONTROL	1	1	1	1				N
		(A=M53467) (B=M53467) (C=M53467) (D=M53467)									
8	1	26106-080162	BOLT, M8X 16 PLATED	5	5	5	5				





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-53310	WEIGHT, COUNTER	1	1	1	1				
2	1	172A47-53320	SEAL, WEIGHT	1	1	1	1				
3	1	172187-53321	WASHER	2	2	2	2				
4	1	172455-53331	BOLT	2	2	2	2				
5	1	172458-14380	PLATE, RUBBER	1	1	1	1				
6	1	172A44-54090	FRAME ASSY, TURNING	1	1	1	1				1
8	2	172168-54750	BUSH 60X70	2	2	2	2				
9	2	172168-54760	SEAL, DUST	2	2	2	2				
10	1	172A46-54530	BOSS ASSY	1	1	1	1				
11	1	172A47-65911	HINGE ASSY	1	1	1	1				
12	1	22157-100000	WASHER, 10	2	2	2	2				
12-1	1	22137-100000	WASHER, 10	2	2	2	2				N
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
13	1	22217-160000	WASHER, SPRING 16	2	2	2	2				
14	1	24761-050000	NIPPLE, GREASE C	1	1	1	1				
15	1	26013-100402	BOLT, M10X 40	2	2	2	2				
16	1	26116-160402	BOLT, M16X 40 PLATED	2	2	2	2				
17	1	172458-54750	SEAL	1	1	1	1				
18A	1	172156-03740	LABEL, GREASE	1	1	1	1				2

(1) Please use this part with following label at the same time.
Ref.No.18A.

(2) Label is not illustrated.

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	F
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-77800	HOSE	1	1	1	1				
2	1	172A47-77820	JOINT, GREASE	4	4	4	4				
6	1	24761-040000	NIPPLE, GREASE B	2	2	2	2				
7	1	172A52-77800	HOSE	1	1	1	1				

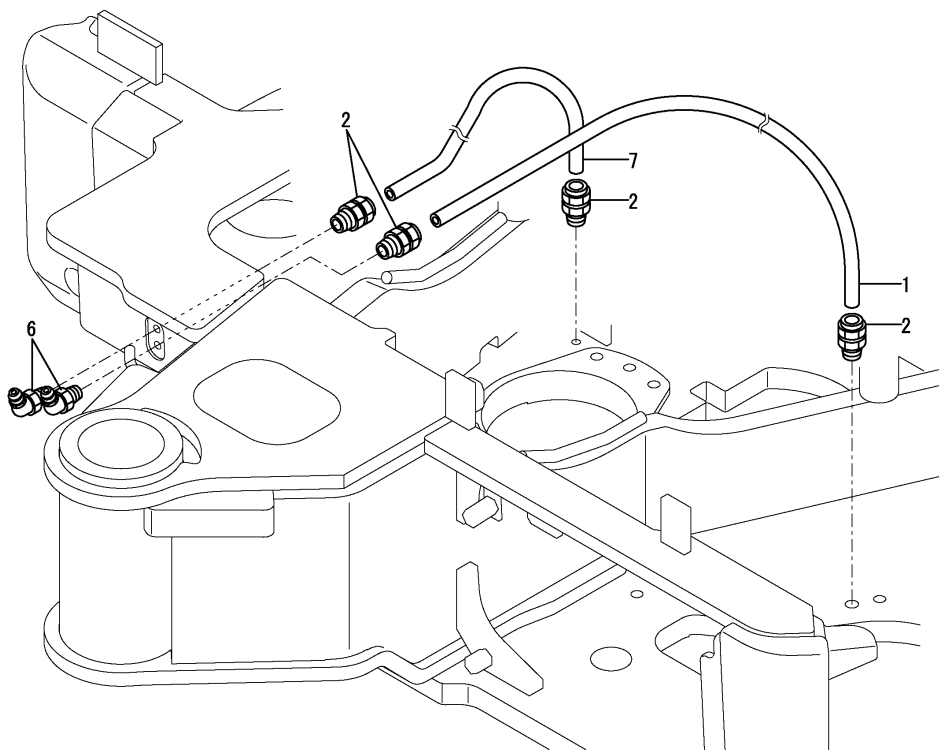
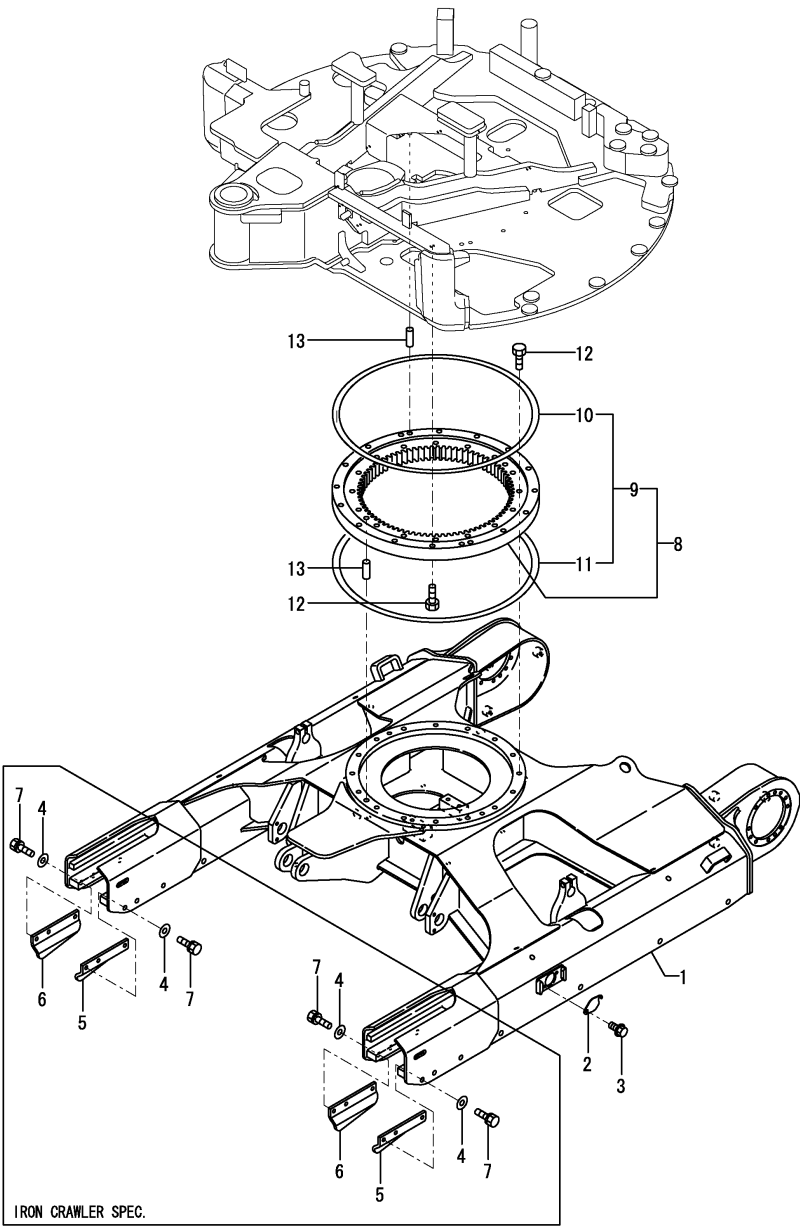


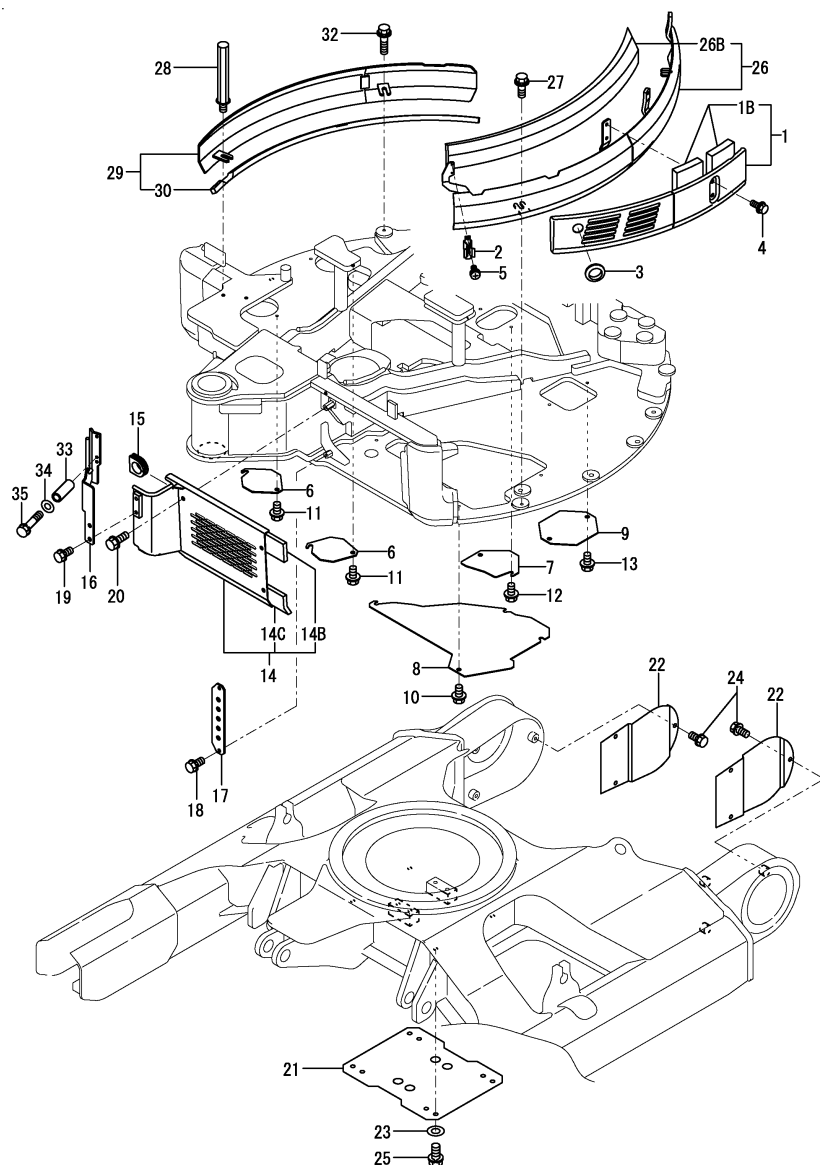
Fig.43. TRACK FRAME & TURNING BEARING



Remarks
(1)Iron crawler spec.

OCS10-M52701 Fig.43
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-50101	FRAME ASSY, LOWER	1	1	1	1				
2	1	172458-50480-2	COVER, FRAME	2	2	2	2				
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4	4				
4	1	172730-05250	WASHER	12	12	12	12				1
5	1	172458-50800-2	PLATE, GUARD	2	2	2	2				1
6	1	172458-50810-2	PLATE, GUARD	2	2	2	2				1
7	1	26013-120252	BOLT, M12X 25	12	12	12	12				1
8	1	172458-57600-2	BEARING, TURNING	1	1	1	1				
9	2	172142-57610	SEAL SET	1	1	1	1				
10	3	172122-57630	SEAL, SWING	1	1	1	1				
11	3	172122-57640	SEAL, SWING	1	1	1	1				
12	1	172A46-57610	BOLT	32	32	32	32				
13	1	172122-57620	PIN, PARALLEL	4	4	4	4				

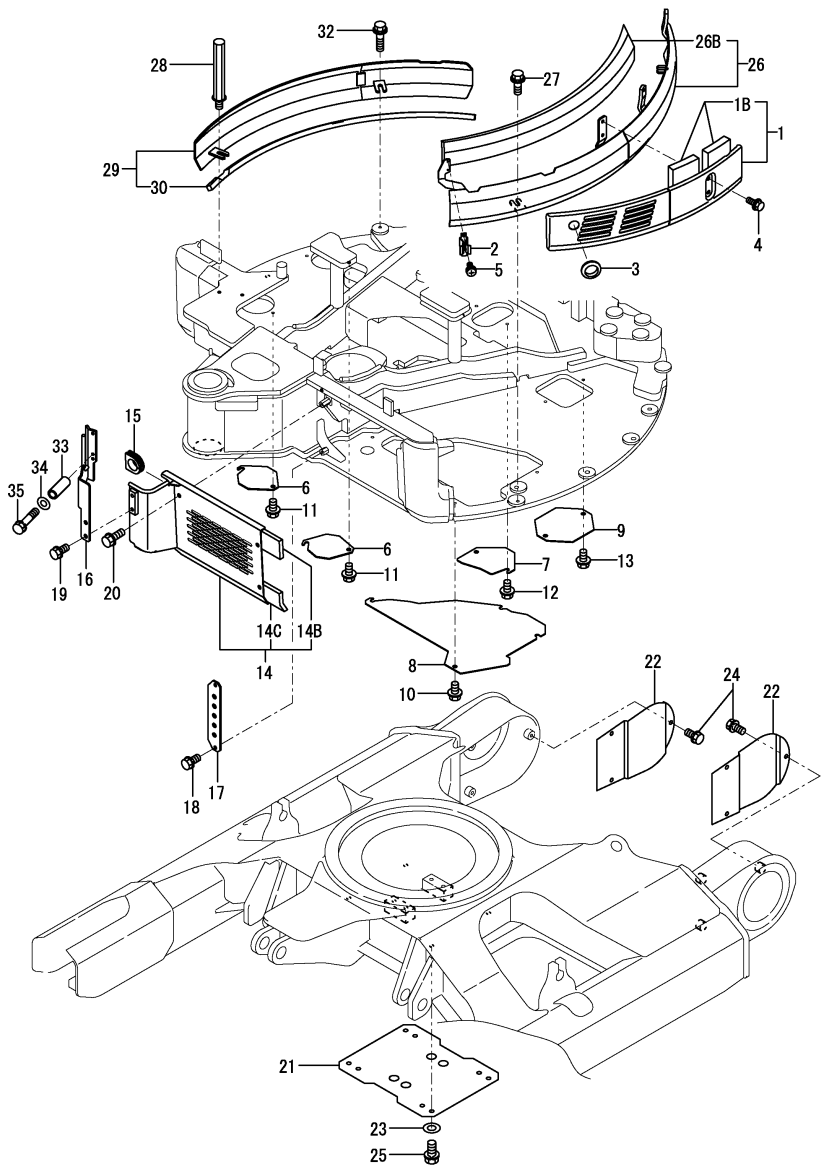


- (1) Please use this part with following label at the same time.
Ref.No.36A.
- (2) Please use this part with following label at the same time.
Ref.No.37A.
- (3) Label is not illustrated.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-61220-2	COVER ASSY, MULTI	1	1	1	1				
1-1	1	172A77-61220-2	COVER ASSY, MULTI	1	1	1	1				N
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
1-2	1	172A77-61240-1	COVER ASSY, MULTI	1	1	1	1				N
		(A=M53513)	(B=M53513)	(C=M53513)	(D=M53513)						
1-3	1	172A77-61240-Y	COVER ASSY, MULTI	1	1	1	1				S
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
1B	2	172A77-61230	SPONGE	2	2	2	2				W
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
1B-1	2	172A77-61250	SPONGE	2	2	2	2				N
		(A=M53513)	(B=M53513)	(C=M53513)	(D=M53513)						
2	1	198220-61480	HOLDER, ROD	1	1	1	1				
3	1	172137-66230	GROMMET	1	1	1	1				
4	1	26014-080162	BOLT, M8X 16	2	2	2	2				
5	1	26023-050102	SCREW, M5X10	2	2	2	2				
6	1	172A47-61420	COVER, OIL SUMP	2	2	2	2				
7	1	172A46-61500	COVER, OIL SUMP	1	1	1	1				
8	1	172A46-61510	COVER, VALVE STAND	1	1	1	1				
9	1	172A46-61580	COVER, PUMP	1	1	1	1				
10	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
11	1	26106-100162	BOLT, M10X 16 PLATED	4	4	4	4				
12	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2				
13	1	26106-100162	BOLT, M10X 16 PLATED	2	2	2	2				
14	1	172A46-61181	COVER	1	1	1	1				
14-1	1	172A77-61180	COVER	1	1	1	1				N
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
14-2	1	172A77-61270	COVER ASSY	1	1	1	1				N
		(A=M53515)	(B=M53515)	(C=M53515)	(D=M53515)						
14B	2	172A77-61190	SPONGE	1	1	1	1				W
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
14B-1	2	172A77-61280	SPONGE	1	1	1	1				N
		(A=M53515)	(B=M53515)	(C=M53515)	(D=M53515)						
14C	2	172A77-61200	SPONGE	1	1	1	1				W
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)						
14C-1	2	172A77-61290	SPONGE	1	1	1	1				N
		(A=M53515)	(B=M53515)	(C=M53515)	(D=M53515)						
15	1	172165-62800	GROMMET	1	1	1	1				
16	1	172A46-76730	GUIDE ASSY, HOSE	1	1	1	1				
17	1	172A46-79210	PLATE ASSY, HOSE	1	1	1	1				
18	1	26013-100202	BOLT, M10X 20	2	2	2	2				
19	1	26013-100202	BOLT, M10X 20	2	2	2	2				
20	1	26014-100162	BOLT, M10X 16	3	3	3	3				
21	1	172141-50762-3	COVER	1	1	1	1				
21-1	1	172141-50763-1	COVER	1	1	1	1				N
		(A=M53431)	(B=M53431)	(C=M53431)	(D=M53431)						
22	1	172457-61100-2	COVER, TRAVEL	2	2	2	2				
23	1	22137-120000	WASHER, 12	4	4	4	4				
24	1	26013-100202	BOLT, M10X 20	6	6	6	6				
25	1	26013-120252	BOLT, M12X 25	4	4	4	4				
26	1	172A46-61010	GUARD, FRAME	1	1	1	1				1
26-1	1	172A77-61010	GUARD ASSY, FRAME	1	1	1	1				N

N:Old $\xrightarrow{\text{Yes}} \text{New}$, Q:Old $\xrightarrow{\text{No}} \text{New}$, R:Old $\xrightarrow{\text{Yes}} \text{New}$, S:Old $\xrightarrow{\text{No}} \text{New}$, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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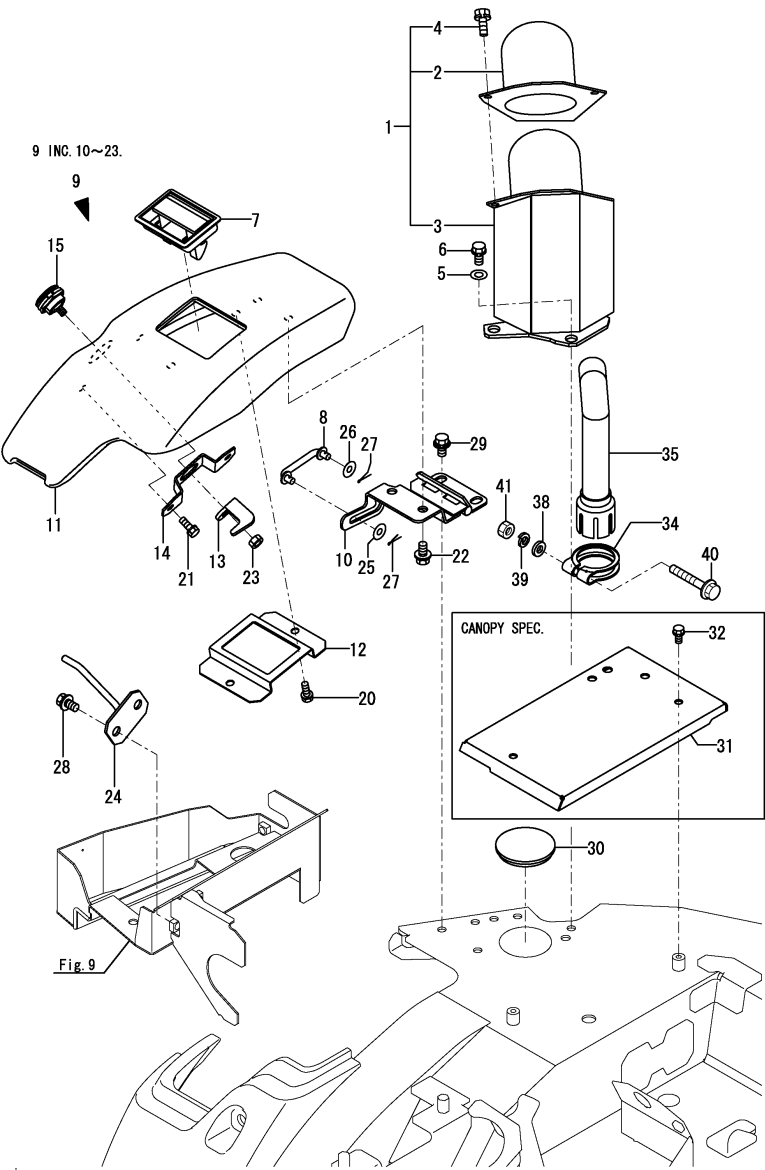
OCS10-M52701 COVER
Fig.45. COVER(FRAME)



Remarks
(1)Please use this part with following label at the same time.
Ref.No.36A.
(2)Please use this part with following label at the same time.
Ref.No.37A.
(3)Label is not illustrated.

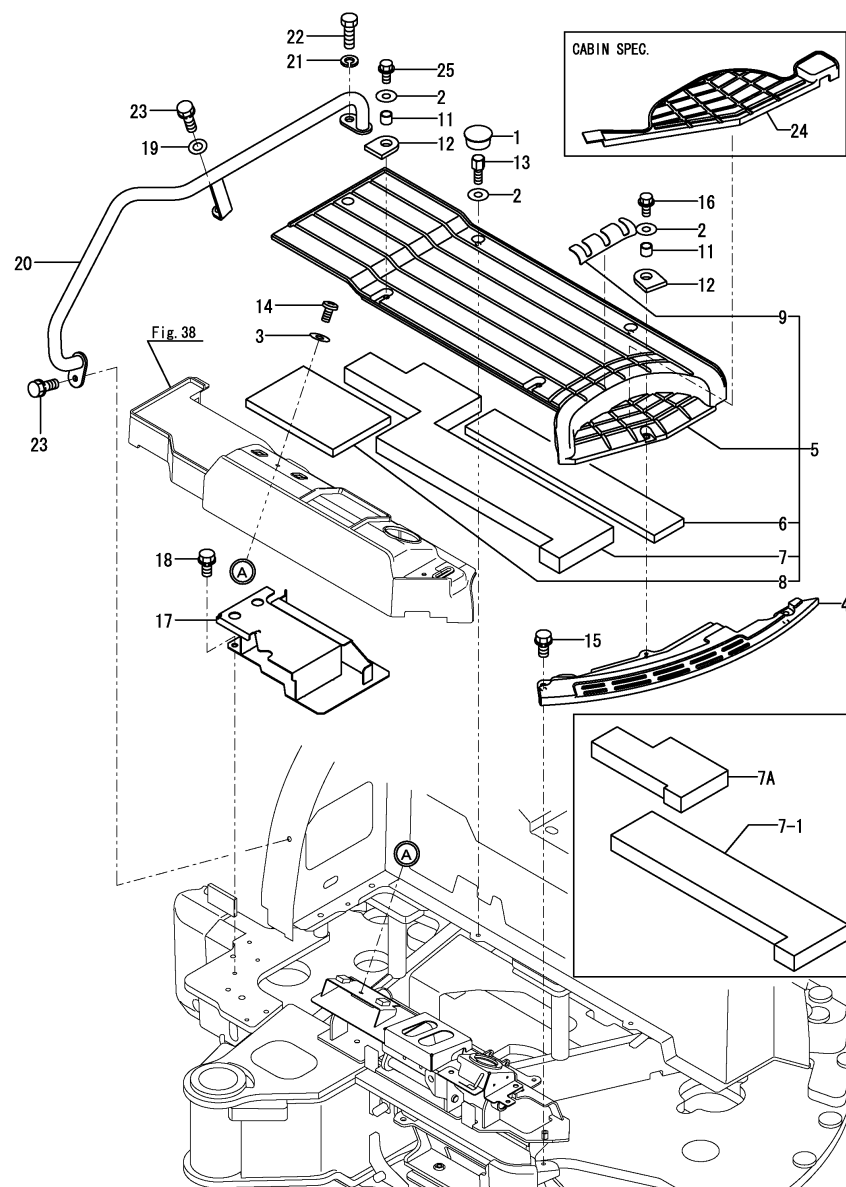
|--|

0CS10-M52701 COVER
Fig.46. COVER(BONNET)



Remarks
(1)Canopy spec.
(2)Please use this part with following label at the same time.
Ref.No.33A.
(3)Label is not illustrated.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-61431	COVER ASSY, TAIL	1	1	1	1				2
2	2	172A46-61381	COVER ASSY, TAIL	1	1	1	1				
3	2	172A46-61451	COVER ASSY, TAIL	1	1	1	1				
4	2	26013-080162	BOLT, M8X 16	2	2	2	2				
5	1	22137-100000	WASHER, 10	2	2	2	2				
6	1	26013-100202	BOLT, M10X 20	2	2	2	2				
7	1	172187-61421	HANDLE, LOCK	1	1	1	1				
8	1	172A46-61562	ROD ASSY, STOPPER	1	1	1	1				
9	1	172A46-61850	COVER	1	1	1	1				
9-1	1	172A77-61810	COVER ASSY	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
10	2	172A46-61531	HINGE, COVER	1	1	1	1				
11	2	172A46-61860	COVER	1	1	1	1				
11-1	2	172A77-61820	COVER	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
12	2	172A46-61940	STAY, CATCH	1	1	1	1				
13	2	172A46-61951	STAY, KEY	1	1	1	1				
14	2	172A46-61960	PLATE, LOCK	1	1	1	1				
15	2	172164-66170	KEY ASSY, CYLINDER	1	1	1	1				
20	2	26013-080122	BOLT, M8X 12	2	2	2	2				
21	2	26013-080122	BOLT, M8X 12	2	2	2	2				
22	2	26014-100162	BOLT, M10X 16	2	2	2	2				
23	2	26347-100002	NUT, M10	1	1	1	1				
24	1	172A46-61970	BAR ASSY, CATCH	1	1	1	1				
25	1	1A1380-62160	WASHER	1	1	1	1				
26	1	22137-080000	WASHER, 8	1	1	1	1				
27	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2				
28	1	26014-100202	BOLT, M10X 20	2	2	2	2				
29	1	26014-100252	BOLT, M10X 25	2	2	2	2				
30	1	172730-61890	CAP, ENGINE COVER	1	1	1	1				
31	1	172A46-64020	COVER, SEAT MOUNT	1	1	1	1				1
32	1	26013-080162	BOLT, M8X 16	3	3	3	3				1
33A	1	172437-03422	LABEL, MUFFLER	1	1	1	1				3
34	1	172A77-11310	CLAMP	1	1	1	1				
35	1	172A77-11350	PIPE ASSY, EXHAUST	1	1	1	1				
38	1	22117-100000	WASHER, 10	1	1	1	1				
39	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
40	1	26106-100652	BOLT, M10X 65 PLATED	1	1	1	1				
41	1	26706-100002	NUT, M10	1	1	1	1				

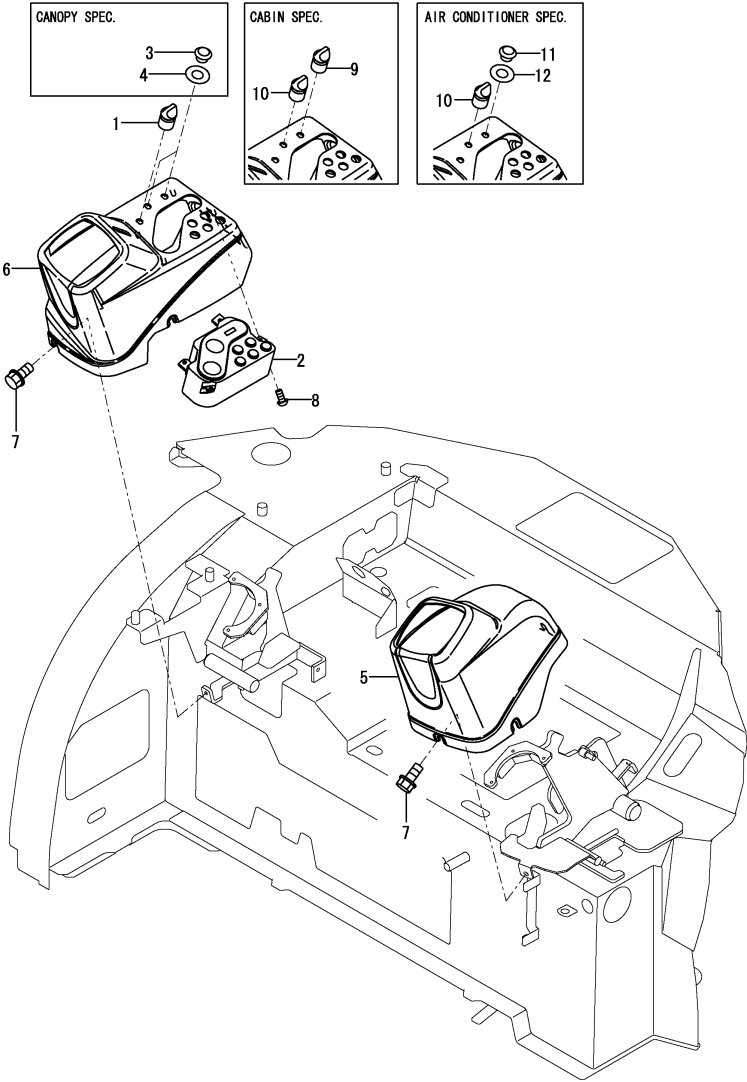


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-62150	CAP, CLIP	3	3	3	3				
2	1	1A1380-62160	WASHER	6	6	6	6				
3	1	172458-62430	WASHER	2	2	2	2				
4	1	172A47-62520	STEP, NON SLIP	1	1	1	1				
5	1	172A47-62550	STEP ASSY	1	1	1	1				
6	2	172A47-62261	SPONGE	1	1	1	1				
7	2	172A47-62450	SPONGE	1	1	1	1				
7-1	2	172A47-62451	SPONGE	1	1	1	1			S	3
	(A=M53060)	(B=M53060)	(C=M53060)	(D=M53060)							
7A	2	172A47-62470	SPONGE	1	1	1	1			W	
	(A=M53060)	(B=M53060)	(C=M53060)	(D=M53060)							
8	2	172A47-62460	SPONGE	1	1	1	1				
9	2	172A47-62530	SHEET	1	1	1	1				
11	1	172A47-62570	COLLAR	3	3	3	3				
12	1	172A47-62580	PAD, ABSORBER	3	3	3	3				
13	1	172A47-62660	BOLT	3	3	3	3				
14	1	172137-69850	SCREW	2	2	2	2				
15	1	26013-100252	BOLT, M10X 25	2	2	2	2				
16	1	26106-080202	BOLT, M8X 20 PLATED	3	3	3	3				
16-1	1	26106-080202	BOLT, M8X 20 PLATED	1	1	1	1			K	
	(A=M53398)	(B=M53398)	(C=M53398)	(D=M53398)							
17	1	172A46-62100	STEP ASSY	1	1	1	1				
18	1	26013-100202	BOLT, M10X 20	2	2	2	2				
19	1	22137-100000	WASHER, 10	1	1	1	1				1
20	1	172A46-64852	HANDRAIL ASSY	1	1	1	1				1
21	1	22217-160000	WASHER, SPRING 16	1	1	1	1				1
22	1	26116-160352	BOLT, M16X 35 PLATED	1	1	1	1				1
23	1	26013-100202	BOLT, M10X 20	2	2	2	2				1
24	1	172A47-62410	MAT, FLOOR	1	1	1	1				2
25	1	26106-080202	BOLT, M8X 20 PLATED	2	2	2	2				
25-1	1	26106-080252	BOLT, M8X 25 PLATED	2	2	2	2			N	
	(A=M53398)	(B=M53398)	(C=M53398)	(D=M53398)							

(1) Canopy spec.
(2) Cabin spec.
(3) Interchangeable by simultaneous replacement with Ref.No.7A.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

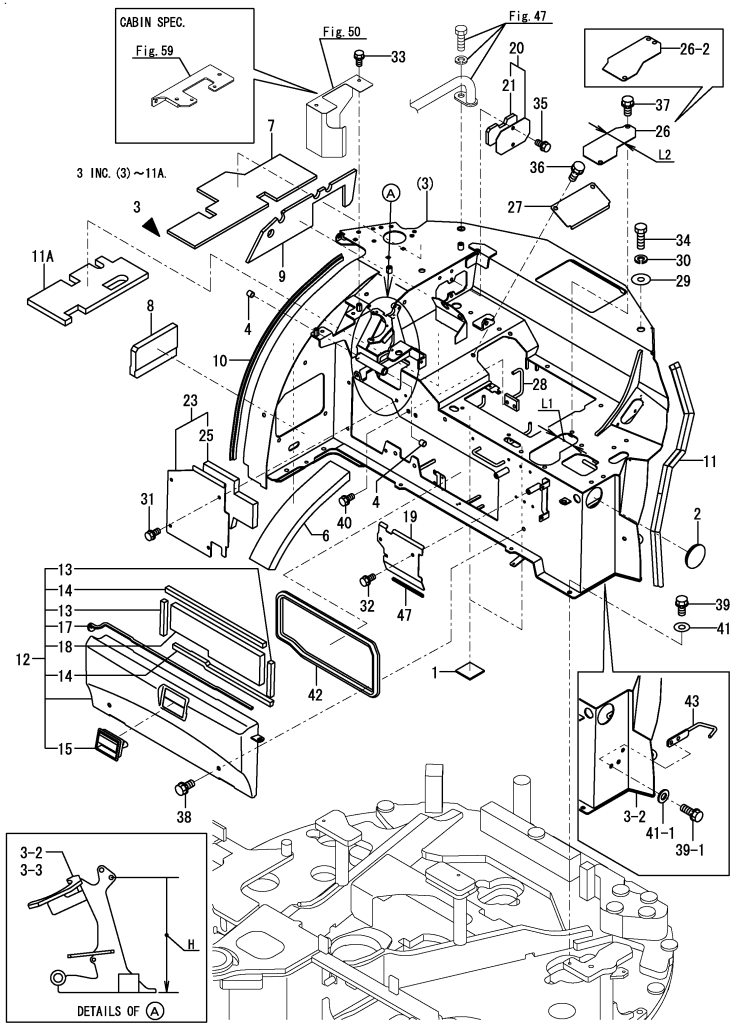


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17280	SWITCH ASSY, LIGHT	1	1	1	1				
2	1	172A77-17250	MONITOR ASSY	1	1	1	1				
3	1	172187-17560	CAP	2	2	2	2				3
4	1	172187-17570	GASKET	2	2	2	2				3
5	1	172A47-63110	PANEL, INSTRUMENT	1	1	1	1				
6	1	172A47-63121	PANEL, INSTRUMENT	1	1	1	1				1
7	1	172519-63240	BOLT	6	6	6	6				
8	1	22857-500121	SCREW 5X12	4	4	4	4				
9	1	172187-17290	SWITCH ASSY, HEATER	1	1	1	1				4
10	1	172472-17300	SWITCH ASSY, WASHER	1	1	1	1				4
11	1	172187-17560	CAP	1	1	1	1				5
12	1	172187-17570	GASKET	1	1	1	1				5
13A	1	172A64-03700	LABEL, START SWITCH	1	1	1	1				2
13B	1	172A47-03260	LABEL, PTO SWITCH	1	1	1	1				2

Remarks
(1)Please use this part with following label at the same time.
Ref.No.13A,13B.
(2)Label is not illustrated.
(3)Canopy spec.
(4)Cabin spec.
(5)Cabin A/C spec.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

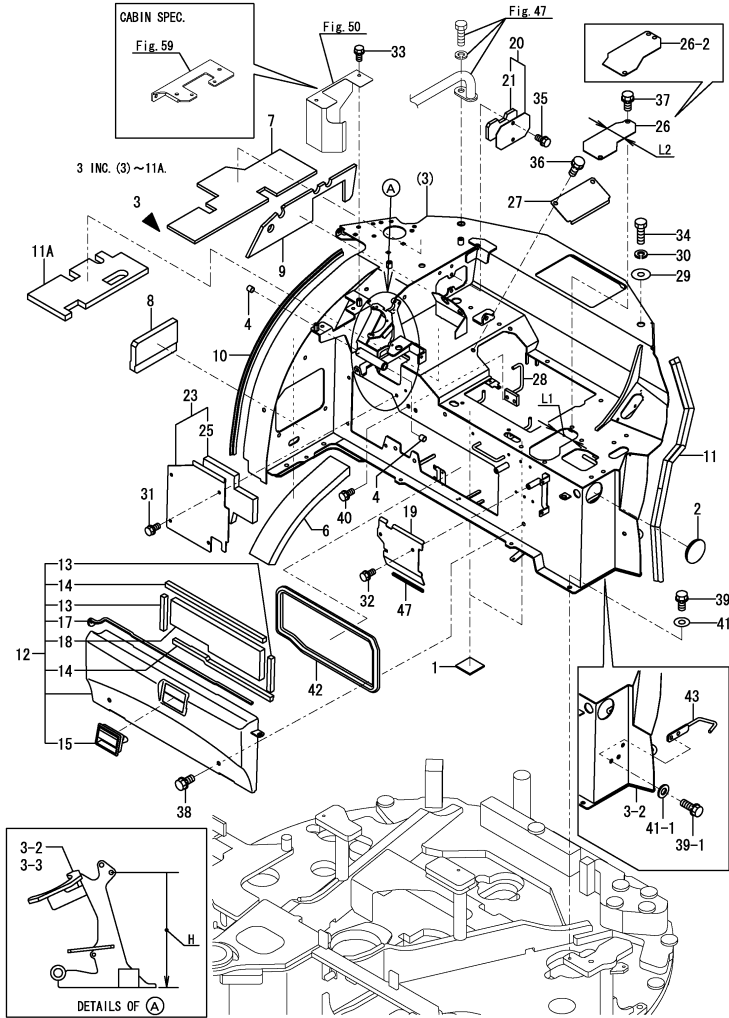


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172446-14250	PLATE, RUBBER	2	2	2	2				
2	1	172730-61890	CAP, ENGINE COVER	1	1	1	1				
3	1	172A77-64100	MOUNT ASSY, SEAT	1	1	1	1				1
3-1	1	172A77-64101 (A=M53045) (B=M53045) (C=M53045) (D=M53045)	MOUNT ASSY, SEAT	1	1	1	1			S	1
3-2	1	172A77-64102 (A=M53094) (B=M53094) (C=M53094) (D=M53094)	MOUNT ASSY, SEAT	1	1	1	1			S	1
3-3	1	172A77-64103 (A=M53156) (B=M53156) (C=M53156) (D=M53156)	MOUNT ASSY, SEAT	1	1	1	1			S	1
3-4	1	172A77-64104 (A=M54065) (B=M54065) (C=M54065) (D=M54065)	MOUNT ASSY, SEAT	1	1	1	1			N	1
4	2	172141-41360	BUSH	2	2	2	2				
6	2	172A47-64900	SPONGE	1	1	1	1				
7	2	172A46-64940	WOOL, GLASS	1	1	1	1				
8	2	172A47-64940	SPONGE	1	1	1	1				
9	2	172A46-64990	WOOL, GLASS	1	1	1	1				
10	2	172444-65610	SEAL, BONNET	1	1	1	1				
11	2	172164-65710	RUBBER, SEAL	1	1	1	1				
11-1	2	172A78-65710 (A=M53156) (B=M53156) (C=M53156) (D=M53156)	RUBBER, SEAL B	1	1	1	1				R
11A	2	172A77-64910 (A=M53001) (B=M53001) (C=M53001) (D=M53001)	SPONGE	1	1	1	1				W
12	1	172A47-64501	COVER ASSY, MANUAL	1	1	1	1				2
12-1	1	172A78-64500 (A=M53513) (B=M53513) (C=M53513) (D=M53513)	COVER ASSY, MANUAL	1	1	1	1			N	2
13	2	172446-13580	SEAL, RADIATOR	2	2	2	2				
14	2	172455-18860	SEAL	2	2	2	2				
15	2	172187-61421	HANDLE, LOCK	1	1	1	1				
17	2	172A47-64550	SEAL	1	1	1	1				
18	2	172A47-64950	SPONGE	1	1	1	1				
18-1	2	172A78-64950 (A=M53513) (B=M53513) (C=M53513) (D=M53513)	SPONGE	1	1	1	1				N
19	1	172A47-64580	COVER, ELECTRIC	1	1	1	1				3
20	1	172A46-64820	COVER	1	1	1	1				
21	2	172A46-64830	WOOL, GLASS	1	1	1	1				
23	1	172A47-64871	COVER, SEAT MOUNT	1	1	1	1				
23-1	1	172A78-64870 (A=M53513) (B=M53513) (C=M53513) (D=M53513)	COVER, SEAT MOUNT	1	1	1	1				N
25	2	172A47-64960	SPONGE	1	1	1	1				
25-1	2	172A78-64960 (A=M53513) (B=M53513) (C=M53513) (D=M53513)	SPONGE	1	1	1	1				N
26	1	172A46-64951	COVER, SEAT MOUNT	1	1	1	1				
26-1	1	172A46-64952 (A=M53045) (B=M53045) (C=M53045) (D=M53045)	COVER, SEAT MOUNT	1	1	1	1				S 5
26-2	1	172A46-64953 (A=M53599) (B=M53599) (C=M53599) (D=M53599)	COVER, SEAT MOUNT	1	1	1	1				S
27	1	172A46-64970	COVER, SEAT MOUNT	1	1	1	1				
28	1	172A45-76710	CLAMP ASSY, HOSE	1	1	1	1				
29	1	22157-140000	WASHER, 14	1	1	1	1				
30	1	22217-160000	WASHER, SPRING 16	1	1	1	1				
31	1	26013-080162	BOLT, M8X 16	4	4	4	4				

Remarks
(1)L1=Ref.No.3:64mm, No.3-1:76mm.
H=Ref.No.3-2:196mm, No.3-3:198mm.
Please use this part with following label at the same time.
Cabin spec.:Ref.No.44A,44B,44C.
Canopy spec.:Ref.No.44A,44B,44C,44D,44E.
(2)Please use this part with following label at the same time.
Canopy spec.:Ref.No.45A,45B,45C,45D,45E.
(3)Please use this part with following label at the same time.
Ref.No.46A.
(4)Label is not illustrated.
(5)L2=Ref.No.26:72mm, No.26-1:88mm.

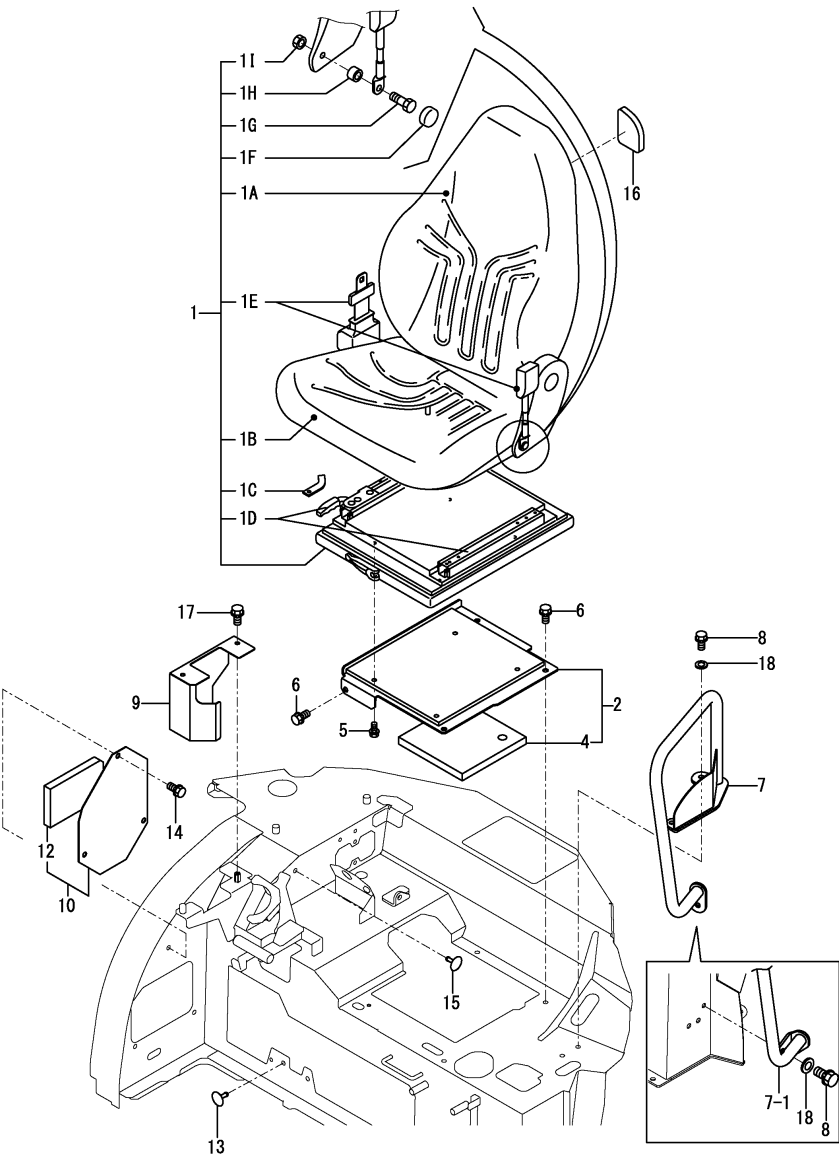
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



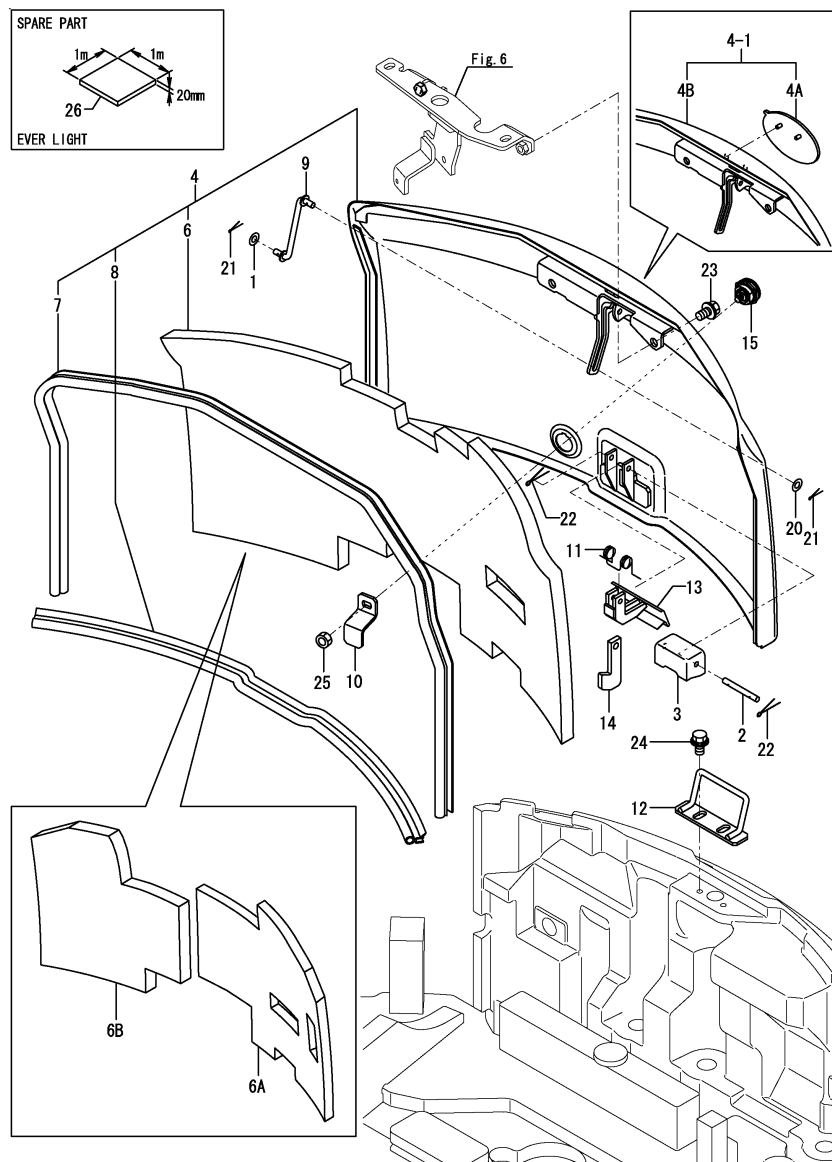
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	1	26013-080162	BOLT, M8X 16	2	2	2	2				
33	1	26013-080162	BOLT, M8X 16	2	2	2	2				
34	1	26116-160252	BOLT, M16X 25 PLATED	1	1	1	1				
35	1	26013-080162	BOLT, M8X 16	2	2	2	2				
36	1	26013-100162	BOLT, M10X 16	2	2	2	2				
37	1	26013-100162	BOLT, M10X 16	2	2	2	2				
38	1	26013-100202	BOLT, M10X 20	2	2	2	2				
39	1	26013-100252	BOLT, M10X 25	4	4	4	4				
39-1	1	26013-100252	BOLT, M10X 25	6	6	6	6				K
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
40	1	26013-100202	BOLT, M10X 20	2	2	2	2				
41	1	22137-100000	WASHER, 10	1	1	1	1				
41-1	1	22137-100000	WASHER, 10	4	4	4	4				K
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
42	1	172162-65650	SEAL	1	1	1	1				
43	1	172A77-78100	GUIDE ASSY, HOSE	1	1	1	1				W
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
44A	1	172437-03302	LABEL, MANUAL	1	1	1	1				4
44B	1	172437-03471	LABEL, LEVER LOCK	1	1	1	1				4
44C	1	172458-03220	LABEL, ACCELERATOR	1	1	1	1				4
44D	1	172472-03241	LABEL, PINUS	1	1	1	1				4
44E	1	172472-03250	LABEL, OPERATION	1	1	1	1				4
45A	1	172472-03141	LABEL, SUPPORT	1	1	1	1				4
45B	1	172A84-03320	LABEL SPEC US	1	1	1	1				4
45B-1	1	172A84-03321	LABEL SPEC US	1	1	1	1				N 4
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
45C	1	172467-03150	LABEL, GREASING	1	1	1	1				4
45C-1	1	172467-03151	LABEL, GREASING	1	1	1	1				N 4
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
45D	1	172A46-03330	LABEL, OIL & WATER	1	1	1	1				4
45E	1	172437-03242	LABEL, CRAWLER	1	1	1	1				4
46A	1	172A47-03340	LABEL, FUSE	1	1	1	1				4
46A-1	1	172A47-03341	LABEL, FUSE US	1	1	1	1				N 4
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
47	1	172444-17620	SEAL	1	1	1	1				W
(A=M53045) (B=M53045) (C=M53045) (D=M53045)											

Remarks
(1)L1=Ref.No.3:64mm, No.3-1:76mm.
H=Ref.No.3-2:196mm, No.3-3:198mm.
Please use this part with following label at the same time.
Cabin spec.:Ref.No.44A,44B,44C.
Canopy spec.:Ref.No.44A,44B,44C,44D,44E.
(2)Please use this part with following label at the same time.
Canopy spec.:Ref.No.45A,45B,45C,45D,45E.
(3)Please use this part with following label at the same time.
Ref.No.46A.
(4)Label is not illustrated.
(5)L2=Ref.No.26:72mm, No.26-1:88mm.



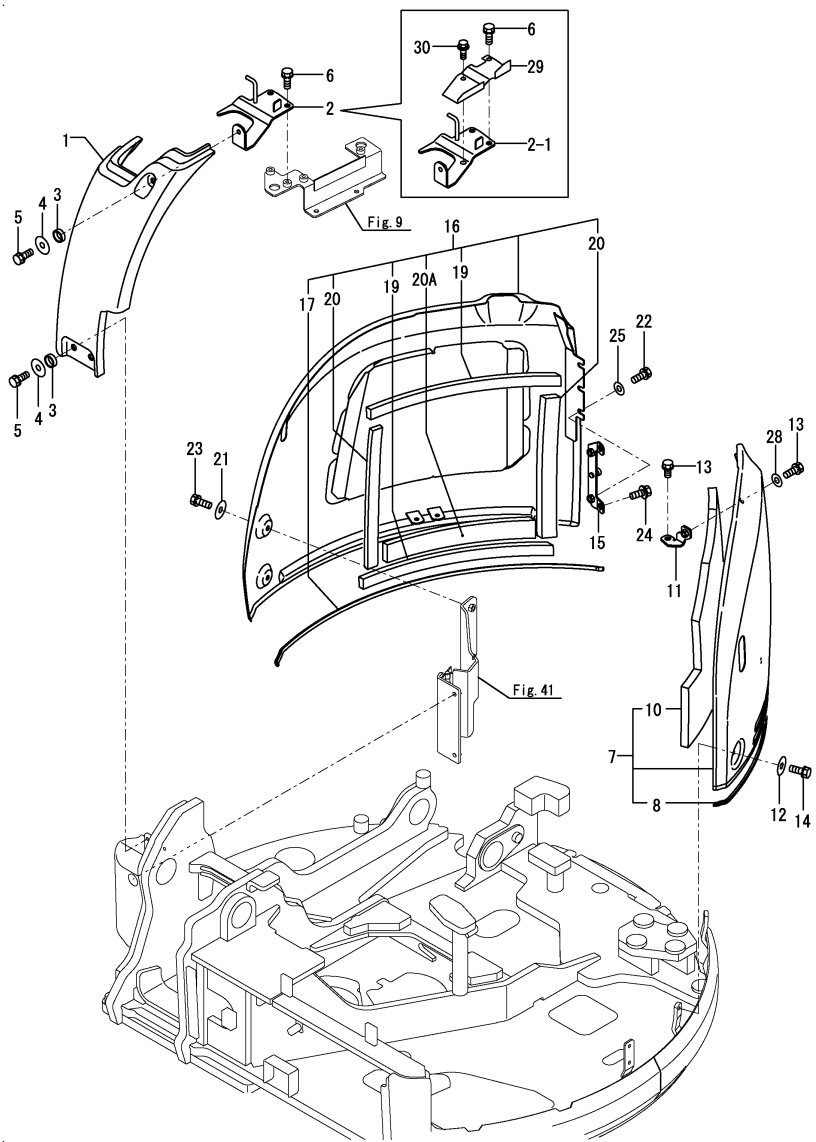
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172467-64101	SEAT, OPERATOR		1	1	1				1
1A	2	172467-64110	CUSHION, BACKREST		1	1	1			W	
		(B=M53001) (C=M53001) (D=M53001)									
1B	2	172467-64120	CUSHION, SEAT		1	1	1			W	
		(B=M53001) (C=M53001) (D=M53001)									
1C	2	172467-64130	STOPPER		1	1	1			W	
		(B=M53001) (C=M53001) (D=M53001)									
1D	2	172467-64140	RAIL SET		1	1	1			W	
		(B=M53001) (C=M53001) (D=M53001)									
1E	2	172467-64150	BELT, SEAT		1	1	1			W	
		(B=M53001) (C=M53001) (D=M53001)									
1F	2	172467-64160	COVER, CAP		2	2	2			W	
		(B=M53001) (C=M53001) (D=M53001)									
1G	2	172467-64170	BOLT		2	2	2			W	
		(B=M53001) (C=M53001) (D=M53001)									
1H	2	172467-64180	TUBE		2	2	2			W	
		(B=M53001) (C=M53001) (D=M53001)									
1I	2	172467-64190	NUT		2	2	2			W	
		(B=M53001) (C=M53001) (D=M53001)									
2	1	172A46-64810	PLATE, SEAT	1	1	1	1				
2-1	1	172A46-64811-1	PLATE, SEAT GRM (73)	1	1	1	1			N	
		(A=M/#53185) (B=M/#53185) (C=M/#53185) (D=M/#53185)									
4	2	172A46-64930	SPONGE	1	1	1	1				
5	1	26013-080162	BOLT, SPRING M8X 16		4	4	4				1
6	1	26013-100202	BOLT, SPRING M10X 20	4	4	4	4				
7	1	172A47-64701	HOLD ASSY, HAND	1	1	1	1				2
7-1	1	172A47-64702	HAND HOLD ASSY	1	1	1	1			S	2
		(A=M53094) (B=M53094) (C=M53094) (D=M53094)									
8	1	26013-100202	BOLT, SPRING M10X 20	2	2	2	2				2
8-1	1	26013-100252	BOLT, M10X 25	3	3	3	3			N	
		(A=*2015.07.) (B=*2015.07.) (C=*2015.07.) (D=*2015.07.)									
9	1	172A47-61460-1	COVER, BLADE	1	1	1	1				2
10	1	172A47-64880	COVER, SEAT MOUNT	1	1	1	1				2
10-1	1	172A78-64880	COVER, SEAT MOUNT	1	1	1	1			N	2
		(A=M53513) (B=M53513) (C=M53513) (D=M53513)									
12	2	172A47-64940	SPONGE	1	1	1	1				2
12-1	2	172A78-64940	SPONGE	1	1	1	1			N	2
		(A=M53513) (B=M53513) (C=M53513) (D=M53513)									
13	1	172444-68650	CLIP, TREE	1	1	1	1				2
13-1	1	172122-17190	CLIP, TREE	1	1	1	1			R	2
		(A=*2010.10.) (B=*2010.10.) (C=*2010.10.) (D=*2010.10.)									
14	1	26013-100202	BOLT, SPRING M10X 20	3	3	3	3				2
15	1	172444-68650	CLIP, TREE	4	4	4	4				
15-1	1	172122-17190	CLIP, TREE	4	4	4	4				R
		(A=*2010.10.) (B=*2010.10.) (C=*2010.10.) (D=*2010.10.)									
16	1	172A47-64980	CUSHION, SEAT	1	1	1	1				3
17	1	26013-080162	BOLT, SPRING M8X 16	2	2	2	2				2
18	1	194145-04810	WASHER, 10	3	3	3	3			W	
		(A=*2015.07.) (B=*2015.07.) (C=*2015.07.) (D=*2015.07.)									

Remarks
(1)Not applied for US spec.
(2)Canopy spec.
(3)Cabin spec.



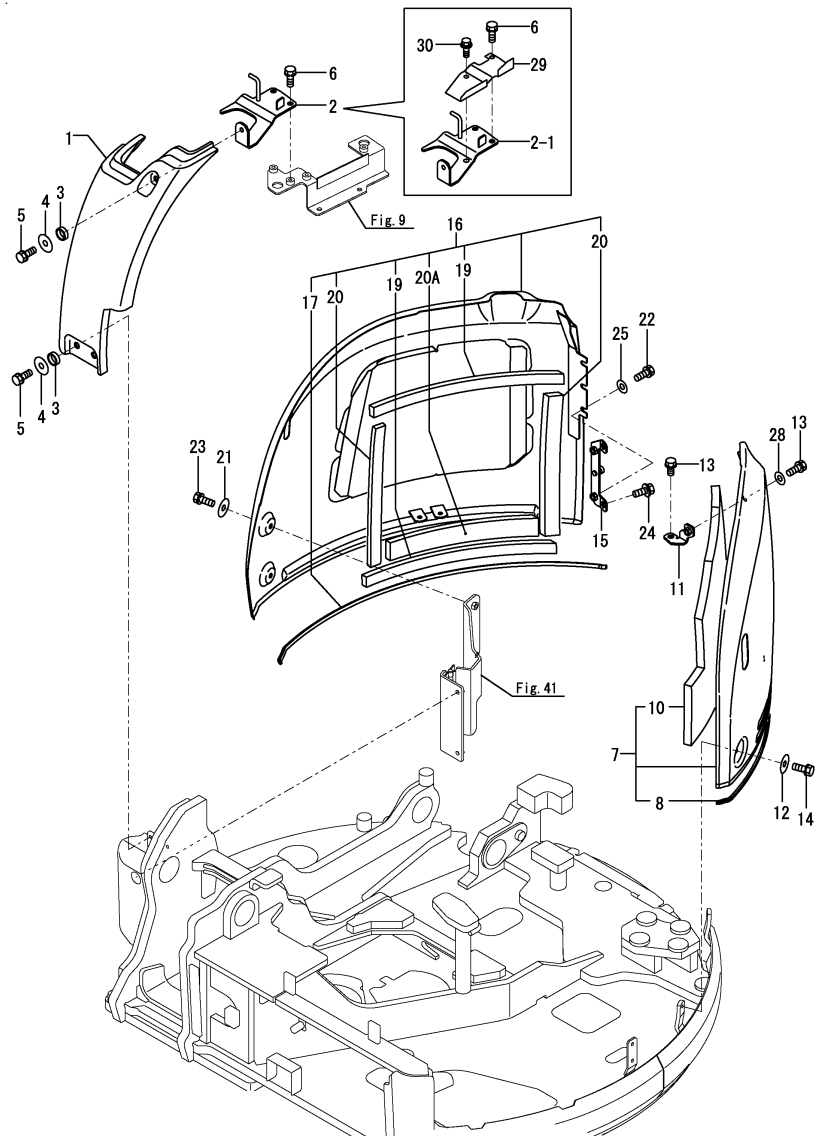
No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=		I	R
				(A)	(B)	(C)	(D)		
1	1	1A1380-62160	WASHER	1	1	1	1		
2	1	172458-65050	SHAFT	1	1	1	1		
3	1	172458-65060	COVER, LOCK	1	1	1	1		
4	1	172A77-65100-2	BONNET ASSY	1	1	1	1		2
4-1	1	172A77-65010	BONNET KIT,A EMB	1	1	1	1		S 2
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
4A	2	172A77-03110	EMBLEM ASSY	1	1	1	1		W
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
4B	2	172A77-65140	BONNET ASSY,A	1	1	1	1		W
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
4B-1	2	172A77-65130	BONNET ASSY,A	1	1	1	1		N
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
6	3	172A46-65170	SPONGE	1	1	1	1		
6-1	3	172A46-65171	SPONGE	1	1	1	1		N
		(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)				
6-2	3	172A46-65171	SPONGE	1	1	1	1		Z
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
6A	3	172A77-65170	SPONGE	1	1	1	1		W 4
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
6B	3	172A77-65180	SPONGE	1	1	1	1		W 4
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)				
7	3	172A46-65180	RUBBER, SEAL	1	1	1	1		
8	3	172989-68640	RUBBER, SEAL	1	1	1	1		
9	1	172444-65190	ROD ASSY, STOPPER	1	1	1	1		
10	1	172458-65271	PLATE, LOCK	1	1	1	1		
11	1	172734-65270	SPRING, CATCH	1	1	1	1		
12	1	172A77-65320	CATCH ASSY, LOCK	1	1	1	1		
13	1	172124-65450	LEVER ASSY, LOCK	1	1	1	1		
14	1	172124-65480	CATCHER	1	1	1	1		
15	1	172164-66170	KEY ASSY, CYLINDER	1	1	1	1		
20	1	22137-080000	WASHER, 8	1	1	1	1		
21	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2		
22	1	22417-200200	PIN, COTTER 2.0X20	2	2	2	2		
23	1	26014-100252	BOLT, M10X 25	2	2	2	2		
24	1	26014-100252	BOLT, M10X 25	2	2	2	2		
25	1	26347-100002	NUT, M10	1	1	1	1		
26	1	172478-65750	SPONGE	1	1	1	1		1
27A	1	172437-03322	LABEL, RESEVOIR	1	1	1	1		3
27B	1	172437-03381	LABEL, SWING AREA	1	1	1	1		3
27C	1	172437-03402	LABEL, ENGINE COVER	1	1	1	1		3
27D	1	172A46-03161	LABEL, REAR	1	1	1	1		3
27E	1	172463-03290	LABEL, HYD.OIL	1	1	1	1		3

(1)Spare parts.
(2)Please use this part with following label at the same time.
Ref.No.27A,27B,27C,27D,27E.
(3)Label is not illustrated.
(4)Interchangeable by simultaneous replacement with Ref.No.6A,6B.



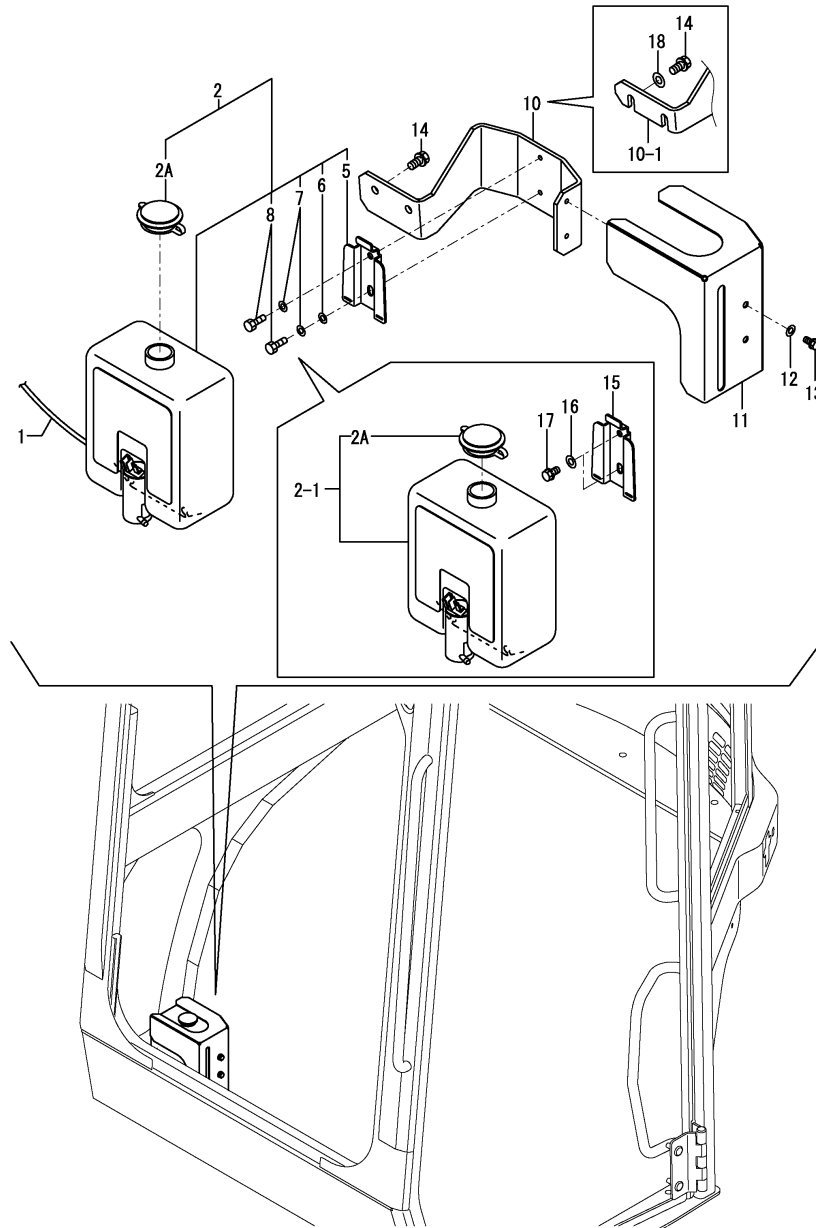
Remarks
(1)Please use this part with following label at the same time.
Ref.No.26A,26B.
(2)Please use this part with following label at the same time.
Ref.No.27A,27B,27C,27D,27E.
(3)Label is not illustrated.
(4)Interchangeable by simultaneous replacement with Ref.No.26B-1, 27C-1.

										0CS10-M52701 Fig.52	
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	
										(D)=VIO27-5B(SG) (E)= (F)=	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172A46-65460	BONNET	1	1	1	1				
1-1	1	172A77-65420	BONNET,B Y	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
2	1	172A46-65532	PLATE ASSY	1	1	1	1				
2-1	1	172A46-65533	PLATE ASSY	1	1	1	1			N	
(A=M53074) (B=M53074) (C=M53074) (D=M53074)											
3	1	172A47-65550	COLLAR	3	3	3	3				
4	1	22157-100000	WASHER, 10	3	3	3	3				
5	1	26013-100252	BOLT, M10X 25	3	3	3	3				
6	1	26013-100252	BOLT, M10X 25	2	2	2	2				
6-1	1	26014-100202	BOLT, M10X 20	2	2	2	2			N	
(A=M53316) (B=M53316) (C=M53316) (D=M53316)											
7	1	172A46-65600-2	BONNET ASSY	1	1	1	1			1	
7-1	1	172A46-65601-2	BONNET ASSY	1	1	1	1			N	1
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
7-2	1	172A46-65601-Y	BONNET L ASSY	1	1	1	1			S	1
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
8	2	172460-19180	TRIM	1	1	1	1				
10	2	172A46-65650	SPONGE	1	1	1	1				
10-1	2	172A46-65651	SPONGE	1	1	1	1			N	
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
11	1	172A46-65671	STAY, BONNET	1	1	1	1				
12	1	22157-100000	WASHER, 10	2	2	2	2				
13	1	26013-100252	BOLT, M10X 25	2	2	2	2				
14	1	26013-100252	BOLT, M10X 25	2	2	2	2				
15	1	172A46-65010	BRACKET ASSY	1	1	1	1				
16	1	172A46-65800-2	BONNET ASSY	1	1	1	1				2
16-1	1	172A46-65801-2	BONNET ASSY	1	1	1	1			N	2
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
16-2	1	172A46-65801-Y	BONNET ASSY	1	1	1	1			S	2
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
17	2	172480-62900	TRIM	1	1	1	1				
19	2	172A46-65940	SEAL, BONNET	2	2	2	2				
20	2	172A46-65950	SEAL, BONNET	2	2	2	2				
20A	2	172A77-65810	SPONGE	1	1	1	1			W	
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
21	1	22157-100000	WASHER, 10	2	2	2	2				
22	1	26013-100202	BOLT, M10X 20	2	2	2	2				
23	1	26013-100252	BOLT, M10X 25	2	2	2	2				
24	1	26014-100202	BOLT, M10X 20	2	2	2	2				
25	1	172458-61261	WASHER	2	2	2	2				
26A	1	172437-03361	LABEL, BATTERY	1	1	1	1				3
26B	1	172A44-03151	LABEL,SPECIFICATION	1	1	1	1				3
26B-1	1	172A44-03152	LABEL,SPECIFICATION	1	1	1	1			S	4
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
26B-2	1	172A84-03150	LABEL, MODEL L	1	1	1	1			S	3
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
27A	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				3
27B	1	172437-03422	LABEL, MUFFLER	1	1	1	1				3
27C	1	172A44-03171	LABEL,SPECIFICATION	1	1	1	1				3
27C-1	1	172A44-03172	LABEL,SPECIFICATION	1	1	1	1			S	4



(4) Interchangeable by simultaneous replacement with Ref.No.26B-1, 27C-1.

					(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)			(D)=VIO27-5B(SG) (E)= (F)=				
No.	Lev.	Parts No.	Description		Q'ty						I	R
					(A)	(B)	(C)	(D)	(E)	(F)		
27C-2	(A=M53085)	(B=M53085)	(C=M53085)	(D=M53085)								
	1	172A84-03170	LABEL, MODEL R		1	1	1	1			S	3
	(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)								
27D	1	172437-03501	LABEL, FUEL		1	1	1	1				3
27E	1	114110-07760	LABEL, FUEL CAUTION		1	1	1	1				3
27E-1	1	114110-07761	LABEL, FUEL OIL CAUT		1	1	1	1			N	3
28	(A=M53499)	(B=M53499)	(C=M53499)	(D=M53499)								
	1	172458-61261	WASHER		1	1	1	1			W	
	(A=MZZZZZ)	(B=MZZZZZ)	(C=MZZZZZ)	(D=MZZZZZ)								
29	1	172A77-65580	PLATE		1	1	1	1			W	
	(A=M53074)	(B=M53074)	(C=M53074)	(D=M53074)								
30	1	26013-100252	BOLT, M10X 25		1	1	1	1			W	
30-1	(A=M53074)	(B=M53074)	(C=M53074)	(D=M53074)								
	1	26014-100202	BOLT, M10X 20		1	1	1	1			N	
	(A=M53316)	(B=M53316)	(C=M53316)	(D=M53316)								

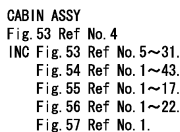


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-16610	HARNESS, WASHER	1	1	1	1				
2	1	172472-17610	TANK ASSY, WASHER	1	1	1	1				
2-1	1	172A47-18980	TANK ASSY, WASHER	1	1	1	1			F	1
2A	(A=M53280)	(B=M53280)	(C=M53280)	(D=M53280)							
	2	172A47-18990	CAP		1	1	1	1			W
	(A=M53280)	(B=M53280)	(C=M53280)	(D=M53280)							
5	3	172472-17650	BRACKET	1	1	1	1				Z
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
6	3	22137-060000	WASHER, 6	1	1	1	1				Z
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
7	3	22217-060000	WASHER, SPRING 6	2	2	2	2				Z
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
8	3	26116-060162	BOLT, M6X 16 PLATED	2	2	2	2				Z
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
10	1	172A47-18780	PLATE, WASHER	1	1	1	1				
10-1	1	172A47-18781	PLATE,WT	1	1	1	1			F	2
	(A=M53103)	(B=M53103)	(C=M53103)	(D=M53103)							
11	1	172A47-18810	COVER, WASHER	1	1	1	1				
12	1	22137-060000	WASHER, 6	4	4	4	4				
12-1	1	22137-060000	WASHER, 6	2	2	2	2				K
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
13	1	26013-060102	BOLT, M6X 10	4	4	4	4				
13-1	1	26013-060102	BOLT, M6X 10	2	2	2	2				K
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
14	1	26013-080202	BOLT, M8X 20	2	2	2	2				
15	1	120147-44810	BRACKET	1	1	1	1				W
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
16	1	22137-060000	WASHER, 6	2	2	2	2				W
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
17	1	26013-060102	BOLT, M6X 10	2	2	2	2				W
	(A=M54352)	(B=M54352)	(C=M54352)	(D=M54352)							
18	1	22137-080000	WASHER, 8	2	2	2	2				W
	(A=M53103)	(B=M53103)	(C=M53103)	(D=M53103)							

(1)Interchangeable by simultaneous replacement with Ref.No.15,16,17.
(2)Interchangeable by simultaneous replacement with Ref.No.18.

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.53. CABIN(BODY)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	172312-17250	ASHTRAY	1	1	1	1		
2	1	172458-63580	SPACER	1	1	1	1		
3	1	172164-65710	RUBBER, SEAL	1	1	1	1		
4	1	172A47-67801	CABIN ASSY	1	1	1	1		1
5	2	172458-03310	LABEL, CABIN FRONT	1	1	1	1		
6	2	1E5100-51430	KNOB, CLUTCH	1	1	1	1		
7	2	172519-63240	BOLT	6	6	6	6		
8	2	172455-67310	RUN, GLASS	2	2	2	2		
9	2	172455-67320	CAP, CHANNEL	2	2	2	2		
10	2	172455-67330	PLATE ASSY, GLASS	2	2	2	2		
11	2	172455-67340	HOLDER, GLASS	2	2	2	2		
12	2	172455-67350	SCREW	4	4	4	4		
13	2	172455-67360	SCREW	2	2	2	2		
14	2	172455-67440	CLIP, TREE	4	4	4	4		
15	2	172458-67840	RUN, GLASS	1	1	1	1		
16	2	172458-67960	SEAL	1	1	1	1		
17	2	172458-67970	SEAL	1	1	1	1		
18	2	172458-67981	SEAL	1	1	1	1		
19	2	172A47-68001	FRAME ASSY, CABIN	1	1	1	1		
20	3	172458-68070	HINGE ASSY, DOOR	2	2	2	2		
21	2	172162-69050	LOCK ASSY	1	1	1	1		
22	2	172165-69190	RUBBER, STOPPER	1	1	1	1		
23	2	172458-69790	COVER ASSY	1	1	1	1		
23-1	2	172M04-69790	COVER ASSY	1	1	1	1		R
	(A=M53831)	(B=M53831)	(C=M53831)	(D=M53831)					
24	2	172458-69830	LEVER, RESET	1	1	1	1		
25	2	172458-69930	SEAL, DOOR	1	1	1	1		
26	2	22117-100000	WASHER, 10	1	1	1	1		
27	2	22117-120000	WASHER, 12	2	2	2	2		
28	2	22272-000100	RING, E-10	1	1	1	1		
29	2	24550-012200	BUSH, 12X20	1	1	1	1		
30	2	26366-080002	NUT, M8	4	4	4	4		
31	2	26716-100002	NUT, M10	1	1	1	1		
32	1	22867-400100	SCREW, 4X10	3	3	3	3		
33A	1	172437-03441	LABEL, ROPS	1	1	1	1		2
33B	1	172437-03451	LABEL, SEAT BELT	1	1	1	1		2
33C	1	172A47-03250	LABEL, PTO FOOT	1	1	1	1		2
34	1	172444-68650	CLIP, TREE	2	2	2	2		W
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)					

Remarks

(1) Please use this part with following label at the same time.

Ref.No.33A,33B,33C.

(2) Label is not illustrated.

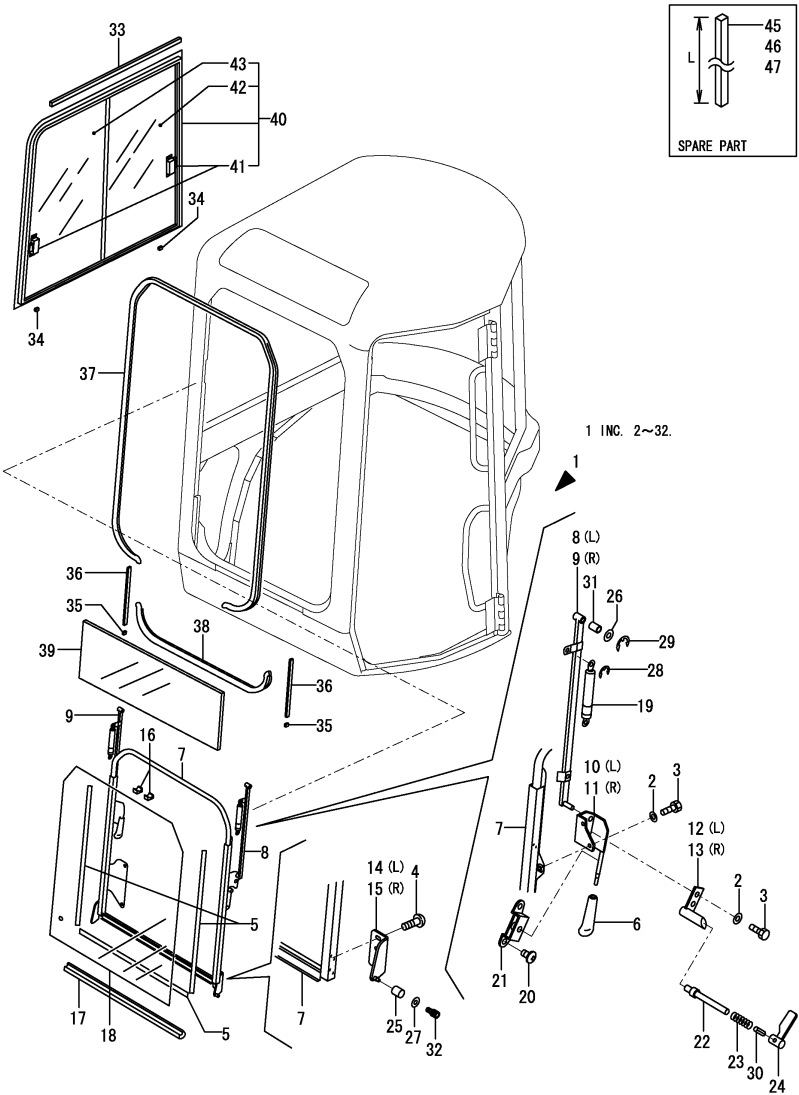
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.54. CABIN(GLASS)

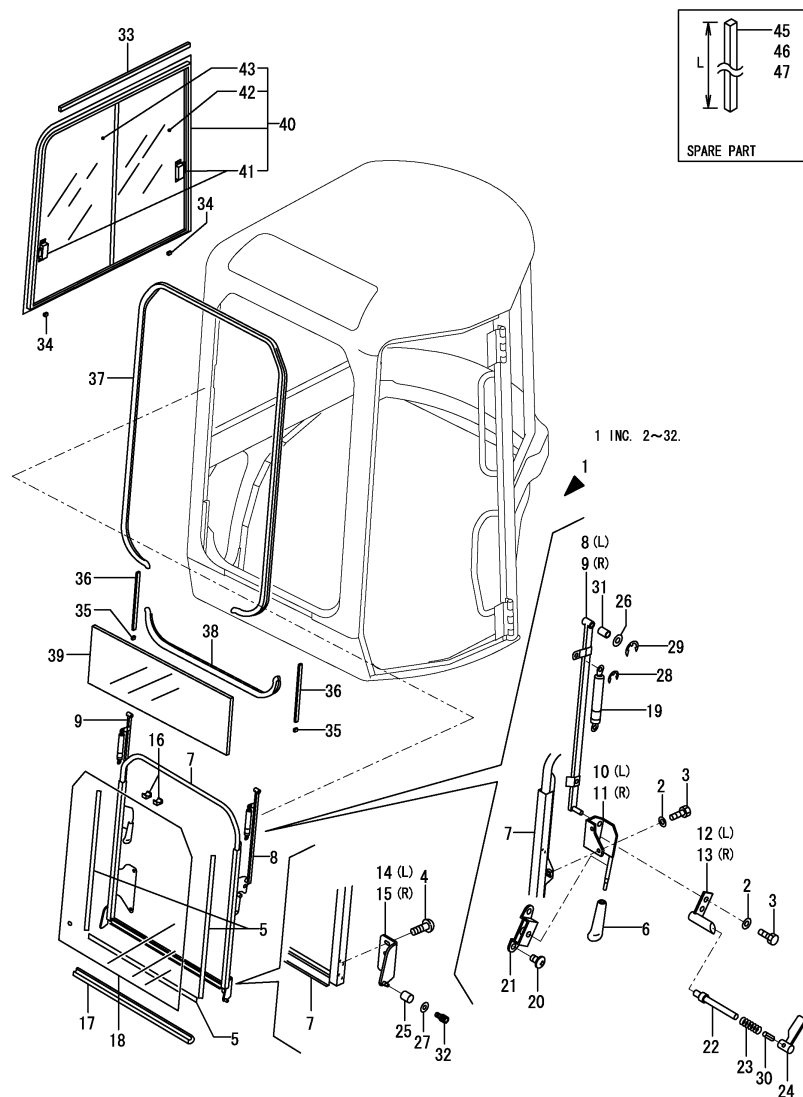
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172459-67810	SASH ASSY	1	1	1	1				
2	3	172458-63670	WASHER	8	8	8	8				
3	3	172458-63680	BOLT	8	8	8	8				
4	3	172458-63730	SCREW	4	4	4	4				
5	3	172458-63790	SEAL, DAM	3	3	3	3				
6	3	172445-66750	GRIP	2	2	2	2				
6-1	3	172455-66750	KNOB	2	2	2	2				R
		(A=M53403) (B=M53403) (C=M53403) (D=M53403)									
7	3	172458-67340	FRAME	1	1	1	1				
8	3	172458-67440	LINK	1	1	1	1				
9	3	172458-67510	LINK	1	1	1	1				
10	3	172458-67520	HANDLE	1	1	1	1				
11	3	172458-67550	HANDLE	1	1	1	1				
12	3	172458-67570	LATCH ASSY	1	1	1	1				
13	3	172458-67610	LATCH ASSY	1	1	1	1				
14	3	172458-67670	SHAFT ASSY, ROLLER	1	1	1	1				
15	3	172458-67680	SHAFT ASSY, ROLLER	1	1	1	1				
16	3	172458-67850	RUBBER, STOPPER	2	2	2	2				
17	3	172458-67870	RUBBER, SEAL	1	1	1	1				
18	3	172458-67900	GLASS	1	1	1	1				
19	3	172458-67920	SPRING, GAS	2	2	2	2				
20	3	172463-69150	SCREW	4	4	4	4				
21	3	172463-69160	HOLDER ASSY	2	2	2	2				
22	3	172463-69190	PIN, LATCH	2	2	2	2				
23	3	172463-69200	SPRING	2	2	2	2				
24	3	172463-69210	LEVER ASSY	2	2	2	2				
25	3	172445-69740	ROLLER	2	2	2	2				
26	3	22117-120000	WASHER, 12	4	4	4	4				
27	3	22137-060000	WASHER, 6	2	2	2	2				
28	3	22272-000060	RING, E- 6	4	4	4	4				
29	3	22272-000080	RING, E- 8	4	4	4	4				
30	3	22351-030012	PIN, SPRING 3.0X12	2	2	2	2				
31	3	24550-012200	BUSH, 12X20	4	4	4	4				
32	3	26450-060102	BOLT, M6X 10	2	2	2	2				
33	2	172458-63760	SEAL, SPONGE	1	1	1	1				
34	2	172455-67610	SPACER	2	2	2	2				
35	2	172455-67710	RUBBER, STOPPER	2	2	2	2				
36	2	172458-67830	RUN, GLASS	2	2	2	2				
37	2	172458-67860	RUBBER, SEAL	1	1	1	1				
38	2	172458-67880	RUBBER, SEAL	1	1	1	1				
39	2	172458-67910	GLASS	1	1	1	1				
40	2	172458-69250	SASH ASSY	1	1	1	1				2
41	3	172455-67770	LOCK ASSY, SASH	2	2	2	2				
42	3	172458-69260	GLASS, SASH	1	1	1	1				
43	3	172458-69270	GLASS, SASH	1	1	1	1				
45	1	172478-68600	SEAL, DAM	1	1	1	1				1
46	1	172478-68610	SEAL, DAM	1	1	1	1				1
47	1	172478-68620	SEAL, DAM	1	1	1	1				1
48A	1	172437-03312	LABEL, SLOPE	1	1	1	1				3
48B	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				3
48C	1	172437-03601	LABEL, 2-WAY US	1	1	1	1				3

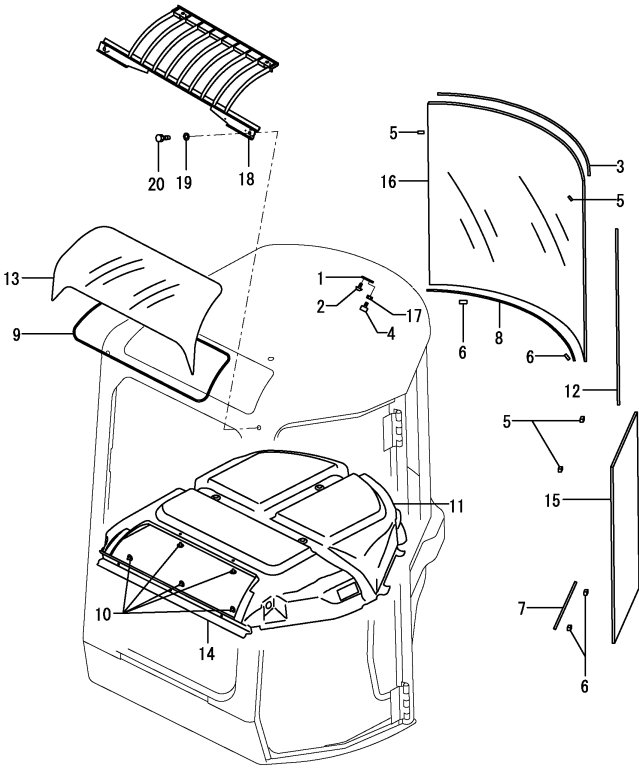
Remarks
* Cabin assy is shown in Fig.53.
(1)Spare parts.
L=Ref.No.45:1000mm, No.46:2000mm, No.47:3000mm.
(2)Please use this part with following label at the same time.
Ref.No.48A,48B,48C,48D.
(3)Label is not illustrated.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
48D	1	172490-03200	LABEL, OPERATION	1	1	1	1				3

(3) Label is not illustrated.

Fig.55. CABIN(ACCESSORY)



Remarks
* Cabin assy is shown in Fig.53.
(1)Please use this part with following label at the same time.
Ref.No.21A,21B,21C,21D.
(2)Please use this part with following label at the same time.
Ref.No.22A.
(3)Label is not illustrated.

0CS10-M52701
Fig.55

(A)=VIO27-5B(US)

(B)=VIO27-5B(AS)

(C)=VIO27-5B(NZ)

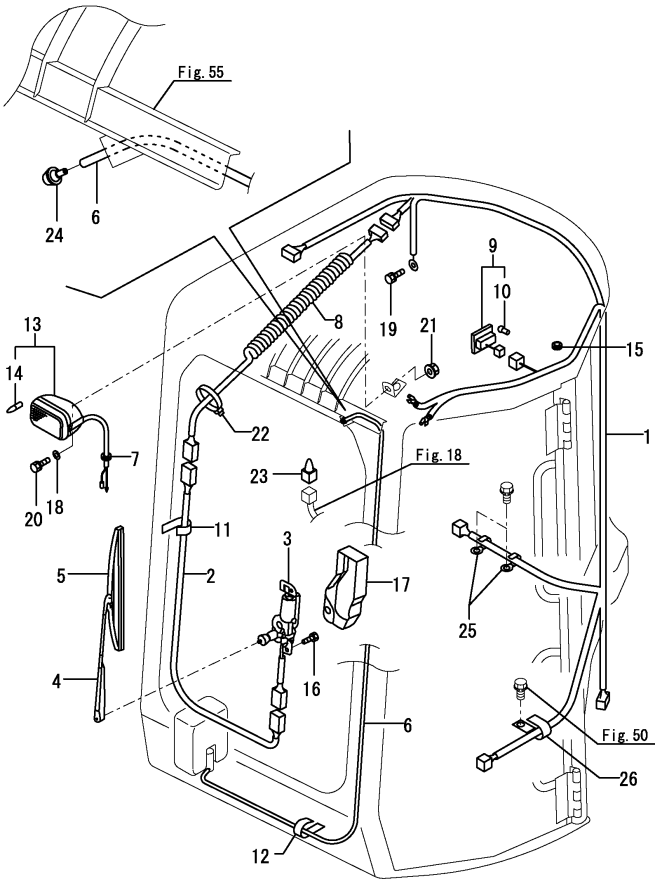
(D)=VIO27-5B(SG)

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-63700	PLATE ASSY	1	1	1	1				
2	2	172458-63730	SCREW	1	1	1	1				
3	2	172458-63770	TRIM	1	1	1	1				
4	2	172458-63800	RUBBER, STOPPER	1	1	1	1				
5	2	172458-63950	SPACER	4	4	4	4				
6	2	172458-63960	SPACER	4	4	4	4				
7	2	172458-63970	SEAL, DAM	1	1	1	1				
8	2	172458-63980	SEAL, DAM	1	1	1	1				
9	2	172458-63990	SEAL, DAM	1	1	1	1				
10	2	172455-67550	CLIP	15	15	15	15				
11	2	172458-68851	ROOF, INNER	1	1	1	1				
12	2	172458-69090	TRIM	1	1	1	1				
13	2	172458-69210	SUNROOF	1	1	1	1				
14	2	172458-69220	LINING	1	1	1	1				
15	2	172458-69230	GLASS	1	1	1	1				1
16	2	172458-69240	GLASS	1	1	1	1				2
17	2	26716-100002	NUT, M10	1	1	1	1				
18	1	172472-66611-2	GUARD, FOPS	1	1	1	1				
19	1	22137-100000	WASHER, 10	4	4	4	4				
20	1	26076-100352	BOLT, 10.910X 35	4	4	4	4				
21A	1	172437-03551	LABEL, WINDOW US	1	1	1	1				3
21B	1	172472-03241	LABEL, PINUS	1	1	1	1				3
21C	1	172463-03320	LABEL,F/W LOWER US	1	1	1	1				3
21D	1	172472-03250	LABEL, OPERATION	1	1	1	1				3
22A	1	172A44-03352	LABEL,LIFT Q US	1	1	1	1				3

Fig.56. CABIN(ELECTRIC PART)



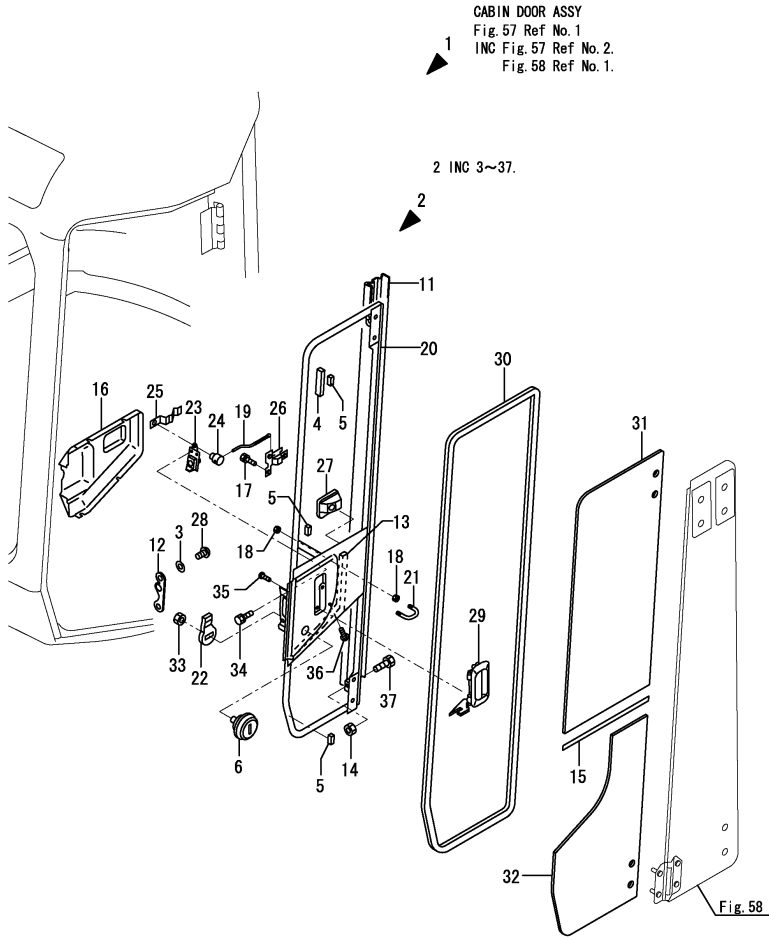
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-16612	HARNESS, WIRE	1	1	1	1				
2	2	172458-16620	HARNESS, WIRE	1	1	1	1				
3	2	172458-17210	MOTOR, WIPER	1	1	1	1				
4	2	172458-17220	ARM, WIPER	1	1	1	1				
5	2	172458-17230	BLADE, WIPER	1	1	1	1				
6	2	172472-17620	HOSE, WASHER	1	1	1	1				
7	2	172455-67870	GROMMET	2	2	2	2				
8	2	172455-67880	CORD	1	1	1	1				
9	2	172455-67900	LAMP, ROOM	1	1	1	1				
10	3	172455-67930	BULB	1	1	1	1				
11	2	172455-67910	CLAMP, HARNESS	3	3	3	3				
12	2	172455-67910	CLAMP, HARNESS	3	3	3	3				
13	2	172455-67971	LAMP, CABIN	1	1	1	1				
14	3	172458-17420	BULB	1	1	1	1				
15	2	172458-69320	GROMMET	1	1	1	1				
16	2	172455-69410	BOLT	2	2	2	2				
17	2	172455-69490	COVER, WIPER	1	1	1	1				
18	2	22137-080000	WASHER, 8	1	1	1	1				
19	2	26013-080162	BOLT, M8X 16	1	1	1	1				
20	2	26116-080202	BOLT, M8X 20 PLATED	1	1	1	1				
21	2	26366-080002	NUT, M8	1	1	1	1				
22	2	933168-55770	BAND	1	1	1	1				
23	1	172190-16500	HARNESS, WIRE	1	1	1	1				
24	1	198094-86060	NOZZLE, WASHER	1	1	1	1				
25	1	172126-16540	CLAMP	2	2	2	2				
26	1	1A1380-59480	CLAMP, CORD	2	2	2	2				

Remarks
* Cabin assy is shown in Fig.53.

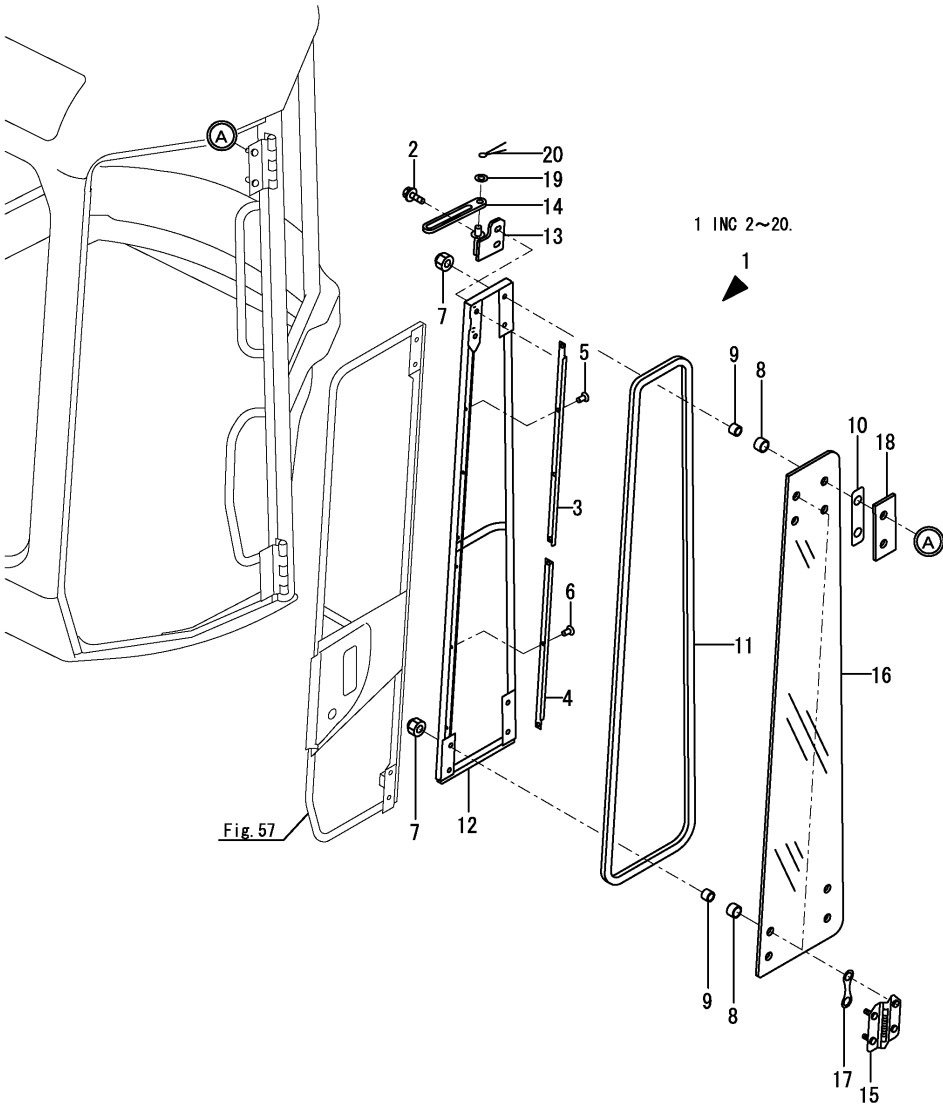
Fig.57. CABIN DOOR(FRONT)



Remarks
* Cabin assy is shown in Fig.53.
(1)Please use this part with following label at the same time.
Ref.No.38A.
(2)Label is not illustrated.

0CS10-M52701 Fig.57									
(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)									
(D)=VIO27-5B(SG) (E)= (F)=									
No.	Lev.	Parts No.	Description	Q'ty					
				(A)	(B)	(C)	(D)	(E)	(F)
1	2	172459-67821	DOOR ASSY	1	1	1	1		
2	3	172459-67831	DOOR ASSY	1	1	1	1		
3	4	172458-63670	WASHER	2	2	2	2		
4	4	172458-63930	STOPPER	1	1	1	1		
5	4	172458-63950	SPACER	3	3	3	3		
6	4	172164-66170	KEY ASSY, CYLINDER	1	1	1	1		
11	4	172458-66720	COVER, DOOR	1	1	1	1		
12	4	172458-67020	STRIKER ASSY	1	1	1	1		
13	4	172458-67650	SEAL, DAM	1	1	1	1		
14	4	26716-100002	NUT, M10	1	1	1	1		
15	4	172458-69100	TRIM	1	1	1	1		
16	4	172455-69170	COVER, LATCH	1	1	1	1		
17	4	172455-69300	BOLT	3	3	3	3		
18	4	172445-69320	NUT	4	4	4	4		
19	4	172445-69400	ROD, HANDLE	1	1	1	1		
20	4	172458-69400	FRAME ASSY, DOOR	1	1	1	1		1
21	4	172445-69420	HOOK, DOOR	1	1	1	1		
22	4	172162-69470	PLATE, LOCK	1	1	1	1		
23	4	172162-69480	LOCK ASSY	1	1	1	1		
24	4	172162-69490	PIN	1	1	1	1		
25	4	172162-69500	SPRING	1	1	1	1		
26	4	172162-69510	HANDLE ASSY	1	1	1	1		
27	4	172162-69520	COVER	1	1	1	1		
28	4	172455-69520	BOLT	2	2	2	2		
29	4	172162-69542	HANDLE, OUTER	1	1	1	1		
29-1	4	172162-69543	HANDLE, OUTER	1	1	1	1		N
(A=M53831) (B=M53831) (C=M53831) (D=M53831)									
30	4	172458-69580	TRIM ASSY	1	1	1	1		
31	4	172458-69900	GLASS, DOOR	1	1	1	1		
32	4	172458-69910	GLASS, DOOR	1	1	1	1		
33	4	26716-100002	NUT, M10	1	1	1	1		
34	4	26013-060162	BOLT, M6X 16	3	3	3	3		
35	4	26023-060122	SCREW, M6X12	2	2	2	2		
36	4	26023-060162	SCREW, M6X16	4	4	4	4		
36-1	4	172458-69170	SCREW, SETTING	4	4	4	4		N
(A=M53424) (B=M53424) (C=M53424) (D=M53424)									
37	4	26116-100304	BOLT, M10X 30 PLATED	1	1	1	1		
38A	1	172458-03601	LABEL, DOOR LOCK	1	1	1	1		2

Fig.58. CABIN DOOR(REAR)

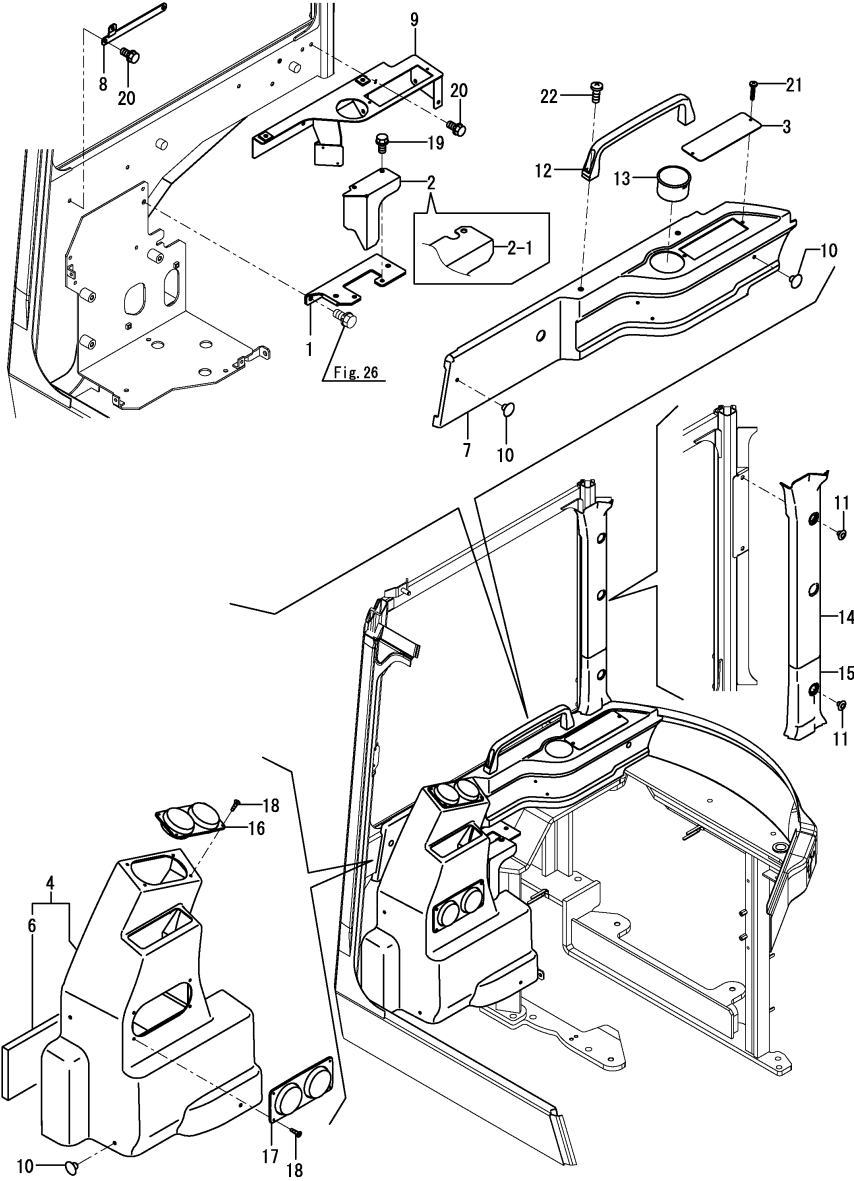


Remarks
* Cabin assy is shown in Fig.53.
* Cabin door assy is shown in Fig.57.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	3	172459-67841	DOOR ASSY	1	1	1	1				
2	4	172519-63240	BOLT	2	2	2	2				
3	4	172458-66780	PLATE, DOOR	1	1	1	1				
4	4	172458-66790	PLATE, DOOR	1	1	1	1				
5	4	172458-66800	SCREW	4	4	4	4				
6	4	172458-66800	SCREW	3	3	3	3				
7	4	172455-69140	NUT, CAP	12	12	12	12				
8	4	172455-69200	TUBE	12	12	12	12				
9	4	172455-69250	PIPE	12	12	12	12				
10	4	172455-69290	PACKING	4	4	4	4				
11	4	172458-69590	TRIM ASSY	1	1	1	1				
12	4	172458-69601	FRAME ASSY, DOOR	1	1	1	1				
13	4	172458-69730	PLATE ASSY	1	1	1	1				
14	4	172458-69760	GUIDE, STOPPER	1	1	1	1				
15	4	172458-69770	HINGE	2	2	2	2				
16	4	172458-69920	GLASS, DOOR	1	1	1	1				
17	4	172458-69960	GASKET	8	8	8	8				
18	4	172458-69990	COVER	2	2	2	2				
19	4	22137-080000	WASHER, 8	2	2	2	2				
20	4	22417-200160	PIN, COTTER 2.0X16	2	2	2	2				

Fig.59. CABIN(COVER)(TO M53438)

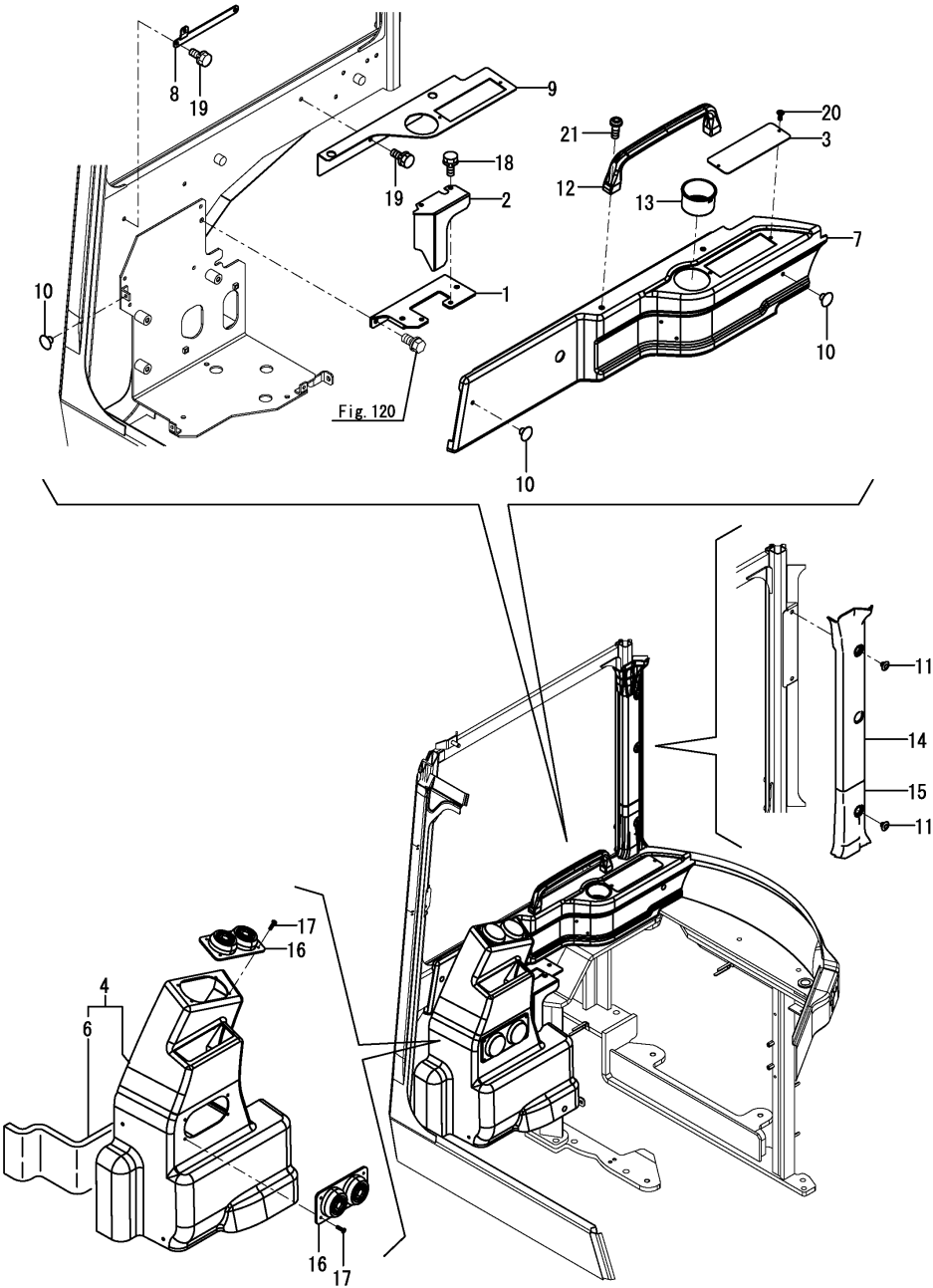


Remarks
(1)Please use this part with following label at the same time.
Ref.No.23A.
(2)Label is not illustrated.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-18270-1	BRACKET ASSY	1	1	1	1				
2	1	172A47-18280	COVER	1	1	1	1				
2-1	1	172A47-18281	COVER	1	1	1	1				S
(A=M53103) (B=M53103) (C=M53103) (D=M53103)											
3	1	172A47-18930	COVER, RADIO	1	1	1	1				
4	1	172A47-61490	COVER ASSY, CABIN	1	1	1	1				1
6	2	172A47-61530	SPONGE	1	1	1	1				
7	1	172A47-61511	COVER, CABIN	1	1	1	1				
8	1	172A47-63190	STAY ASSY	1	1	1	1				
9	1	172A47-63220-1	STAY ASSY, TUBE	1	1	1	1				
10	1	1A6260-64200	CLIP	5	5	5	5				
11	1	172458-64600	CLIP, TREE	3	3	3	3				
12	1	172176-67181	GRIP	1	1	1	1				
13	1	172176-67880	HOLDER	1	1	1	1				
14	1	172458-68990	COVER, PILLAR	1	1	1	1				
14-1	1	172458-68991	COVER, PILLAR	1	1	1	1				N
(A=M53103) (B=M53103) (C=M53103) (D=M53103)											
15	1	172458-69000	COVER, PILLAR	1	1	1	1				
16	1	1E8545-80940	GRILLE, DUCT	1	1	1	1				
17	1	197821-88070	GRILLE	1	1	1	1				
18	1	22869-400160	SCREW, 4X16	8	8	8	8				
19	1	26013-080162	BOLT, M8X 16	2	2	2	2				
20	1	26013-080202	BOLT, M8X 20	4	4	4	4				
21	1	26033-040202	SCREW, M4X20	2	2	2	2				
22	1	26557-080202	SCREW, M8X20	2	2	2	2				
23A	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				2

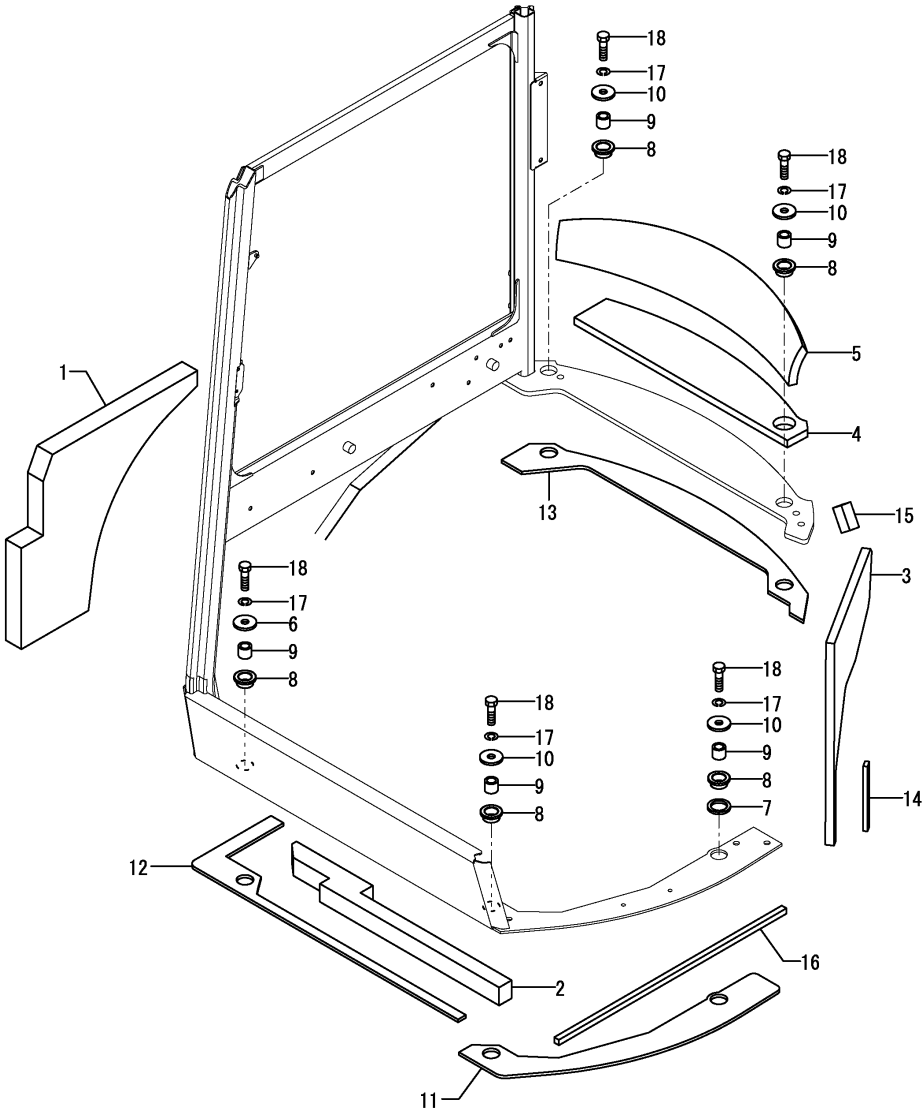
Fig.121. (59A)CABIN(COVER)(FROM M53439)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-18270-1	BRACKET ASSY	1	1	1	1				
2	1	172A47-18281	COVER	1	1	1	1				
3	1	172A47-18930	COVER, RADIO	1	1	1	1				
4	1	172A47-61491	COVER ASSY,CAB F	1	1	1	1				
6	2	172A47-61530	SPONGE	1	1	1	1				
7	1	172A47-61511	COVER, CABIN	1	1	1	1				
8	1	172A47-63190	STAY ASSY	1	1	1	1				
9	1	172A47-63220-1	STAY ASSY, TUBE	1	1	1	1				
10	1	1A6260-64200	CLIP	5	5	5	5				
11	1	172458-64600	CLIP, TREE	3	3	3	3				
12	1	172176-67181	GRIP	1	1	1	1				
13	1	172176-67880	HOLDER	1	1	1	1				
14	1	172458-68991	COVER, PILLAR	1	1	1	1				
15	1	172458-69000	COVER, PILLAR	1	1	1	1				
16	1	1E8545-80090	GRILLE, ROUND	2	2	2	2				
17	1	22857-500160	SCREW, 5X16	8	8	8	8				
18	1	26013-080162	BOLT, M8X 16	2	2	2	2				
19	1	26013-080202	BOLT, M8X 20	4	4	4	4				
20	1	26033-040202	SCREW, M4X20	2	2	2	2				
21	1	26557-080202	SCREW, M8X20	2	2	2	2				

Fig.60. CABIN(FITTING)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-61550	SEAL, CABIN	1	1	1	1				
2	1	172A47-61560	SEAL, CABIN	1	1	1	1				
3	1	172A47-68820	SPONGE	1	1	1	1				
4	1	172A47-68830	SPONGE	1	1	1	1				
5	1	172A47-68840	SPONGE	1	1	1	1				
6	1	172A47-68850	WASHER	1	1	1	1				
7	1	172A47-68860	WASHER	1	1	1	1				
8	1	172A47-68870	GROMMET	5	5	5	5				
9	1	172A47-68880	COLLAR	5	5	5	5				
10	1	172A47-68890	WASHER	4	4	4	4				
11	1	172A47-68900	PAD, ABSORBER	1	1	1	1				
12	1	172A47-68920	PAD, ABSORBER	1	1	1	1				
13	1	172A47-68930	PAD, ABSORBER	1	1	1	1				
14	1	172A47-68940	SEAL, CABIN	1	1	1	1				
15	1	172A47-68980	SEAL, CABIN	1	1	1	1				
16	1	172A47-68990	SEAL, CABIN	1	1	1	1				
17	1	22217-160000	WASHER, SPRING 16	5	5	5	5				
18	1	26076-160552	BOLT, 10.916X 55	5	5	5	5				

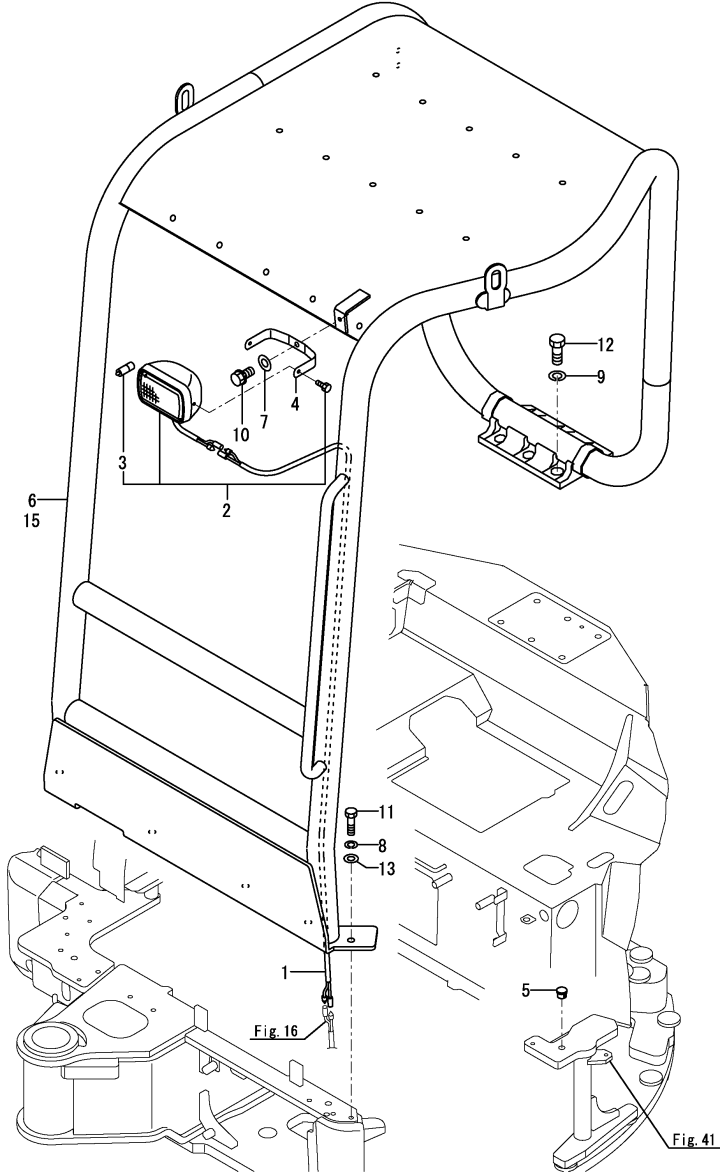
Fig. 25

AIR CONDITIONER SPEC.

No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	172A25-68301-1	BRACKET, MIRROR	1	1	1	1		
2	1	172A25-68500	MIRROR, REARVIEW	1	1	1	1		
3	1	26013-100162	BOLT, M10X 16	2	2	2	2		
3-1	1	26013-100252	BOLT, M10X 25	2	2	2	2		N
		(A=M53303)	(B=M53303)	(C=M53303)	(D=M53303)				

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



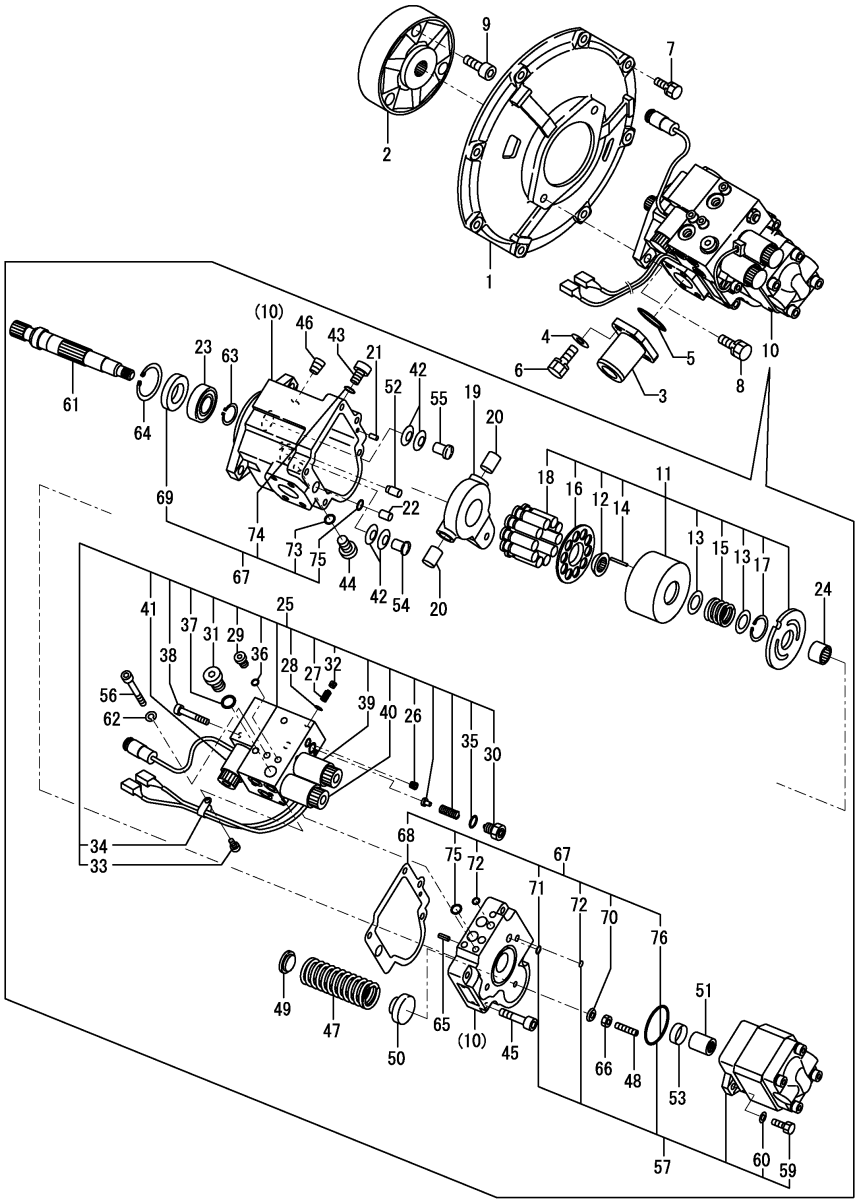
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-16562	HARNES, LAMP	1	1	1	1				
2	1	172A47-17270	LIGHT ASSY	1	1	1	1				
3	2	172A47-17280	BULB	1	1	1	1				
4	1	172458-17410	STAY, LAMP	1	1	1	1				
5	1	172A47-54610	CLIP, ANCHOR	1	1	1	1				
6	1	172467-66300-1	CANOPY ASSY		1	1	1				1
6-1	1	172467-66301-1	CANOPY ASSY, ROPS		1	1	1			F	1
		(B=M53073)	(C=M53073)								
7	1	22137-100000	WASHER, 10	1	1	1	1				
8	1	22217-120000	WASHER, SPRING 12	4	4	4	4				
9	1	22217-160000	WASHER, SPRING 16	6	6	6	6				
10	1	26013-100202	BOLT, M10X 20	1	1	1	1				
11	1	26076-120402	BOLT, 10.912X 40	4	4	4	4				
12	1	26076-160402	BOLT, 10.916X 40	6	6	6	6				
13	1	172149-66550	WASHER	4	4	4	4				
14A	1	172472-03141	LABEL, SUPPORT	1	1	1	1				2
14B	1	172A44-03352	LABEL,LIFT Q US	1	1	1	1				2
14C	1	172437-03312	LABEL, SLOPE	1	1	1	1				2
14D	1	172437-03343	LABEL, TRANSPORT	1	1	1	1				2
14E	1	172437-03372	LABEL, NEUTRAL	1	1	1	1				2
14F	1	172437-03441	LABEL, ROPS	1	1	1	1				2
14G	1	172437-03451	LABEL, SEAT BELT	1	1	1	1				2
14H	1	172437-03601	LABEL, 2-WAY US	1	1	1	1				2
14I	1	172A47-03250	LABEL, PTO FOOT	1	1	1	1				2
14J	1	172490-03200	LABEL, OPERATION	1	1	1	1				2
15	1	172A47-67900	CANOPY ASSY	1	1	1	1				1

Remarks
(1)It supplies it with serial number label and puts follows label again,
and please use it.
Ref.No.14A - 14J.
(2)Label is not illustrated.

Fig.63. HYD.OIL PUMP & JOINT(QUICK COUPLER SPEC.)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

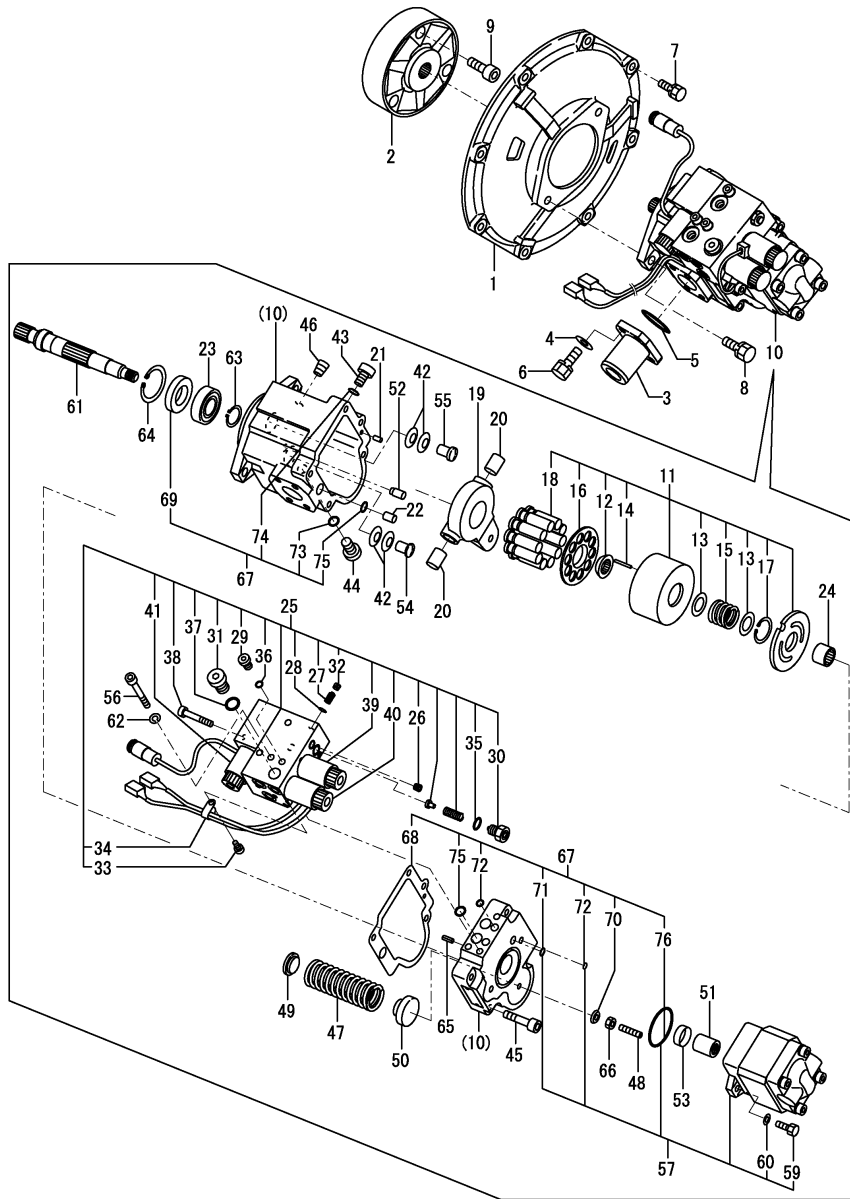


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101-4	COVER, FLYWHEEL	1	1	1	1				
2	1	172165-71200	COUPLING	1	1	1	1				
3	1	172422-76100	FLANGE	1	1	1	1				
4	1	22117-100000	WASHER, 10	4	4	4	4				
5	1	24321-000400	O-RING, 1AG40.0	1	1	1	1				
6	1	26013-100302	BOLT, M10X 30	4	4	4	4				
7	1	26013-100302	BOLT, M10X 30	8	8	8	8				
8	1	26013-120352	BOLT, M12X 35	2	2	2	2				
9	1	26450-120402	BOLT, M12X 40	3	3	3	3				
10	1	172958-73501	PUMP ASSY	1	1	1	1				
11	2	172458-73510	BARREL KIT, CYLINDER	1	1	1	1				
12	3	172422-73130	HOLDER, BARREL	1	1	1	1				
13	3	172422-73250	RETAINER	2	2	2	2				
14	3	172458-73530	NEEDLE	3	3	3	3				
15	3	172458-73540	SPRING	1	1	1	1				
16	3	172458-73670	HOLDER, SHOE	1	1	1	1				
17	3	22252-000350	RING, 35	1	1	1	1				
18	3	172458-73520	PISTON ASSY, PUMP	1	1	1	1				
19	2	172422-73140	PLATE, SWASH	1	1	1	1				
20	2	172422-73160	PIN	2	2	2	2				
21	2	172422-73220	PIN	1	1	1	1				
22	2	172422-73280	PIN	1	1	1	1				
23	2	172422-73290	BEARING, BALL	1	1	1	1				
24	2	172422-73500	BEARING, NEEDLE	1	1	1	1				
25	2	172958-73510	BLOCK ASSY, VALVE	1	1	1	1				
25-1	2	172958-73511	BLOCK ASSY, VALVE	1	1	1	1				N
(A=*2014.10.) (B=*2014.10.) (C=*2014.10.) (D=*2014.10.)											
26	3	172422-73550	PLUG	8	8	8	8				
27	3	172422-73620	SPRING	1	1	1	1				
28	3	172422-73630	FILTER	1	1	1	1				
29	3	172458-73630	PLUG	1	1	1	1				
30	3	172422-73640	ADJUSTER KIT	1	1	1	1				
31	3	172458-73640	PLUG	1	1	1	1				
32	3	172422-73650	PLUG	2	2	2	2				
33	3	172422-73660	BOLT	1	1	1	1				
34	3	172422-73670	CLAMP	1	1	1	1				
35	3	24311-000100	O-RING, 1AP10.0	1	1	1	1				
36	3	24315-000080	O-RING, 1BP8.0	1	1	1	1				
37	3	24315-000140	O-RING, 1BP14.0	1	1	1	1				
38	3	26450-050452	BOLT, M5X 45	4	4	4	4				
39	3	172458-73680	VALVE ASSY	1	1	1	1				1
40	3	172458-73690	VALVE ASSY	1	1	1	1				2
41	3	172458-73790	VALVE, SOLENOID	1	1	1	1				3
42	2	172422-73520	SPRING	4	4	4	4				
43	2	172422-73530	PLUG	1	1	1	1				
44	2	172422-73530	PLUG	1	1	1	1				
45	2	172422-73540	BOLT	5	5	5	5				
46	2	172422-73550	PLUG	5	5	5	5				
47	2	172458-73550	SPRING	1	1	1	1				
48	2	172422-73560	SCREW	1	1	1	1				
49	2	172458-73560	HOLDER, SPRING	1	1	1	1				

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

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
50	2	172458-73570	GUIDE, SPRING	1	1	1	1				
51	2	172422-73580	COUPLING	1	1	1	1				
52	2	172458-73580	ROD	1	1	1	1				
53	2	172422-73590	COLLAR	1	1	1	1				
54	2	172458-73590	PIN, STOPPER	1	1	1	1				
55	2	172458-73600	PIN, STOPPER	1	1	1	1				
56	2	172422-73610	BOLT	3	3	3	3				
57	2	172458-73611	PUMP ASSY, GEAR	1	1	1	1				
57-1	2	172458-73612	PUMP ASSY, GEAR	1	1	1	1				R
	(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)							
59	3	172450-73120	BOLT	2	2	2	2				
60	3	172450-73130	WASHER	2	2	2	2				
61	2	172458-73660	SHAFT	1	1	1	1				
62	2	22212-080000	WASHER 8	3	3	3	3				
63	2	22242-000250	RING, 25	1	1	1	1				
64	2	22252-000520	RING, 52	1	1	1	1				
65	2	22351-060016	PIN, SPRING 6.0X16	1	1	1	1				
66	2	26711-080002	NUT, M8	1	1	1	1				
67	2	172422-73700	SEAL SET, PUMP	1	1	1	1				
68	3	172422-73170	GASKET	1	1	1	1				
69	3	172422-73510	SEAL, OIL	1	1	1	1				
70	3	172422-73570	WASHER	1	1	1	1				
71	3	24315-000070	O-RING, 1BP7.0	1	1	1	1				
72	3	24315-000080	O-RING, 1BP8.0	2	2	2	2				
73	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
74	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
75	3	24315-000120	O-RING, 1BP12.0	3	3	3	3				
76	3	24325-000550	O-RING, 1BG55.0	1	1	1	1				

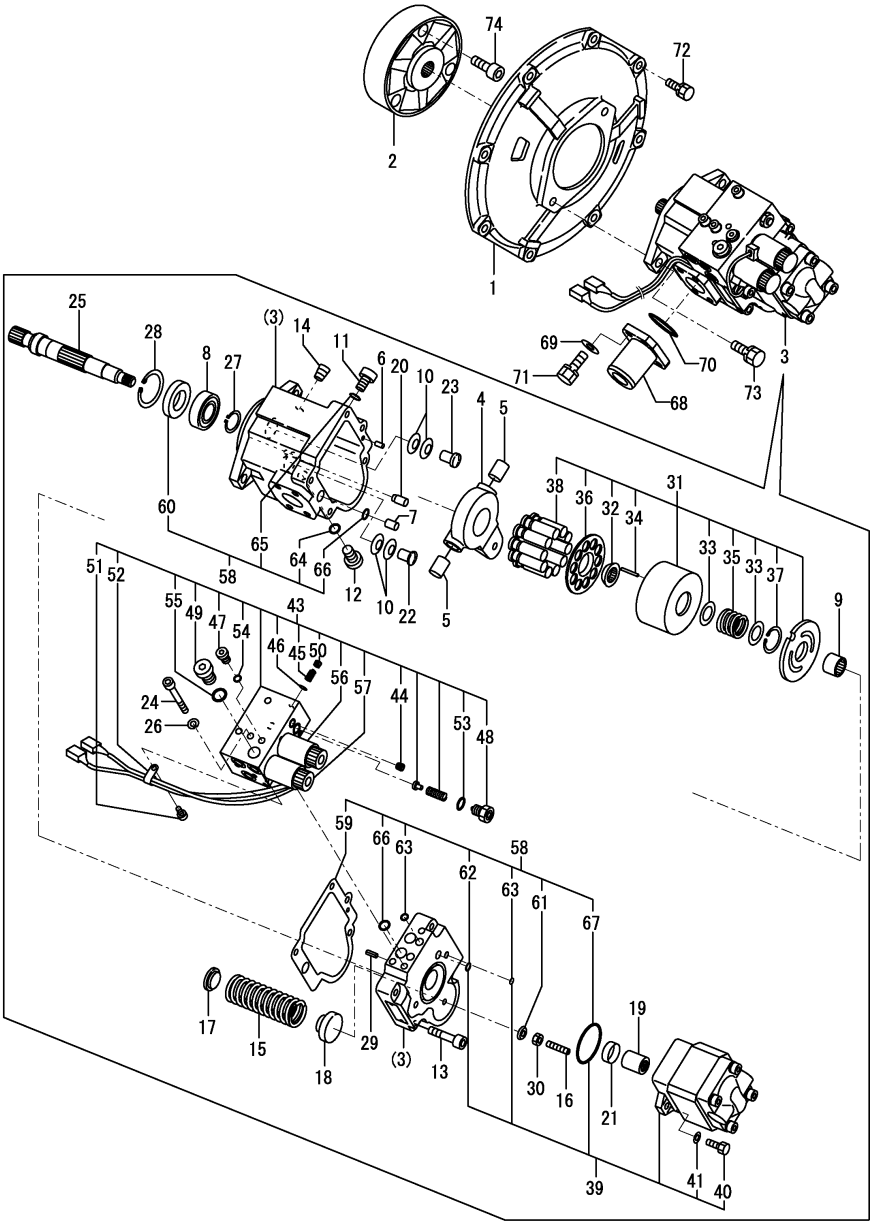
(1) For second gear traveling.
(2) For safety lock.
(3) For quick coupler.

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

Fig.118. (63A)HYD.OIL PUMP & JOINT(WITHOUT QUICK COUPLER SPEC.)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



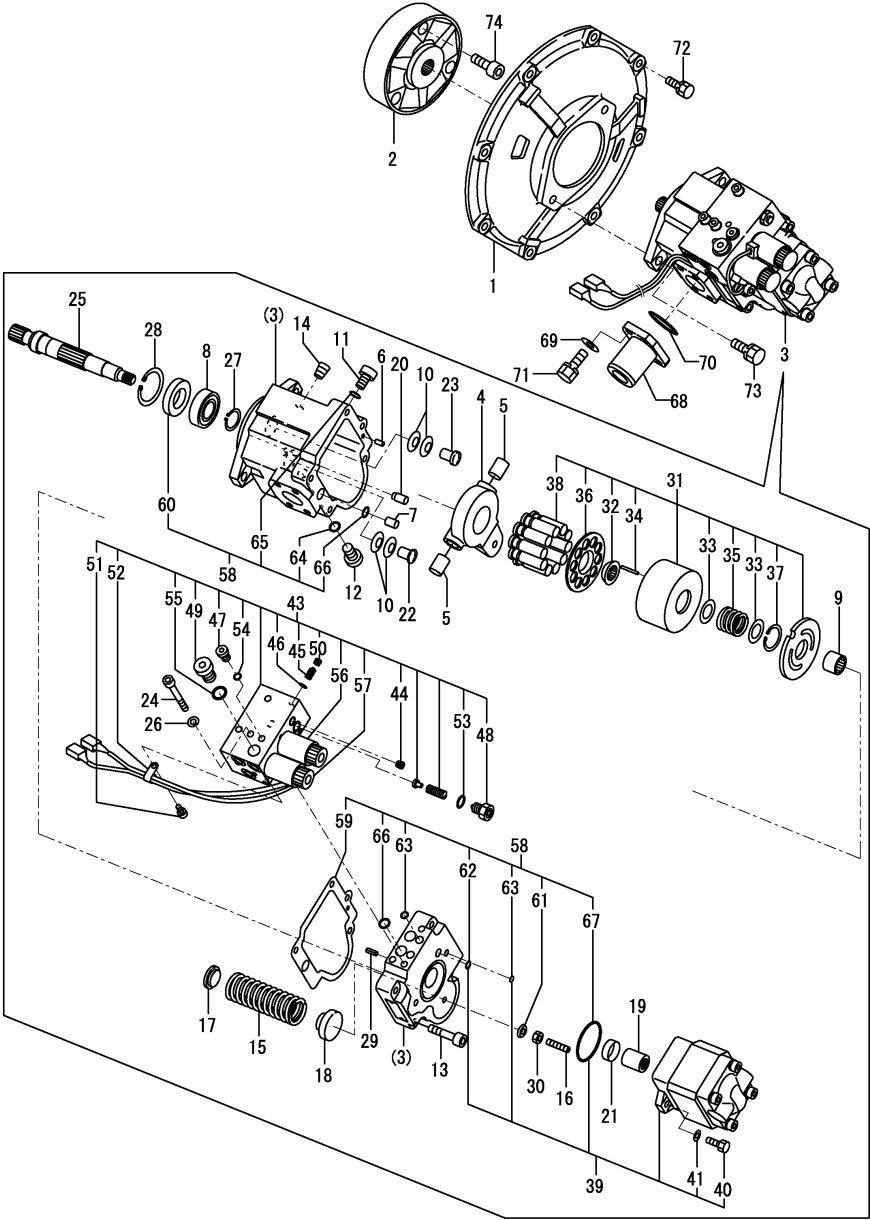
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101-4	COVER, FLYWHEEL	1	1	1	1				
2	1	172165-71200	COUPLING	1	1	1	1				
3	1	172458-73501	PUMP ASSY	1	1	1	1				
4	2	172422-73140	PLATE, SWASH	1	1	1	1				
5	2	172422-73160	PIN	2	2	2	2				
6	2	172422-73220	PIN	1	1	1	1				
7	2	172422-73280	PIN	1	1	1	1				
8	2	172422-73290	BEARING, BALL	1	1	1	1				
9	2	172422-73500	BEARING, NEEDLE	1	1	1	1				
10	2	172422-73520	SPRING	4	4	4	4				
11	2	172422-73530	PLUG	1	1	1	1				
12	2	172422-73530	PLUG	1	1	1	1				
13	2	172422-73540	BOLT	5	5	5	5				
14	2	172422-73550	PLUG	5	5	5	5				
15	2	172458-73550	SPRING	1	1	1	1				
16	2	172422-73560	SCREW	1	1	1	1				
17	2	172458-73560	HOLDER, SPRING	1	1	1	1				
18	2	172458-73570	GUIDE, SPRING	1	1	1	1				
19	2	172422-73580	COUPLING	1	1	1	1				
20	2	172458-73580	ROD	1	1	1	1				
21	2	172422-73590	COLLAR	1	1	1	1				
22	2	172458-73590	PIN, STOPPER	1	1	1	1				
23	2	172458-73600	PIN, STOPPER	1	1	1	1				
24	2	172422-73610	BOLT	3	3	3	3				
25	2	172458-73660	SHAFT	1	1	1	1				
26	2	22212-080000	WASHER 8	3	3	3	3				
27	2	22242-000250	RING, 25	1	1	1	1				
28	2	22252-000520	RING, 52	1	1	1	1				
29	2	22351-060016	PIN, SPRING 6.0X16	1	1	1	1				
30	2	26711-080002	NUT, M8	1	1	1	1				
31	2	172458-73510	BARREL KIT, CYLINDER	1	1	1	1				
32	3	172422-73130	HOLDER, BARREL	1	1	1	1				
33	3	172422-73250	RETAINER	2	2	2	2				
34	3	172458-73530	NEEDLE	3	3	3	3				
35	3	172458-73540	SPRING	1	1	1	1				
36	3	172458-73670	HOLDER, SHOE	1	1	1	1				
37	3	22252-000350	RING, 35	1	1	1	1				
38	3	172458-73520	PISTON ASSY, PUMP	1	1	1	1				
39	2	172458-73612	PUMP ASSY, GEAR	1	1	1	1				
40	3	172450-73120	BOLT	2	2	2	2				
41	3	172450-73130	WASHER	2	2	2	2				
43	2	172458-73620	BLOCK ASSY, VALVE	1	1	1	1				
43-1	2	172458-73621	BLOCK ASSY, VALVE	1	1	1	1				N
(A)=*2014.10.) (B)=*2014.10.) (C)=*2014.10.) (D)=*2014.10.)											
44	3	172422-73550	PLUG	7	7	7	7				
45	3	172422-73620	SPRING	1	1	1	1				
46	3	172422-73630	FILTER	1	1	1	1				
47	3	172458-73630	PLUG	1	1	1	1				
48	3	172422-73640	ADJUSTER KIT	1	1	1	1				
49	3	172458-73640	PLUG	1	1	1	1				
50	3	172422-73650	PLUG	2	2	2	2				

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

Fig.118. (63A)HYD.OIL PUMP & JOINT(WITHOUT QUICK COUPLER SPEC.)

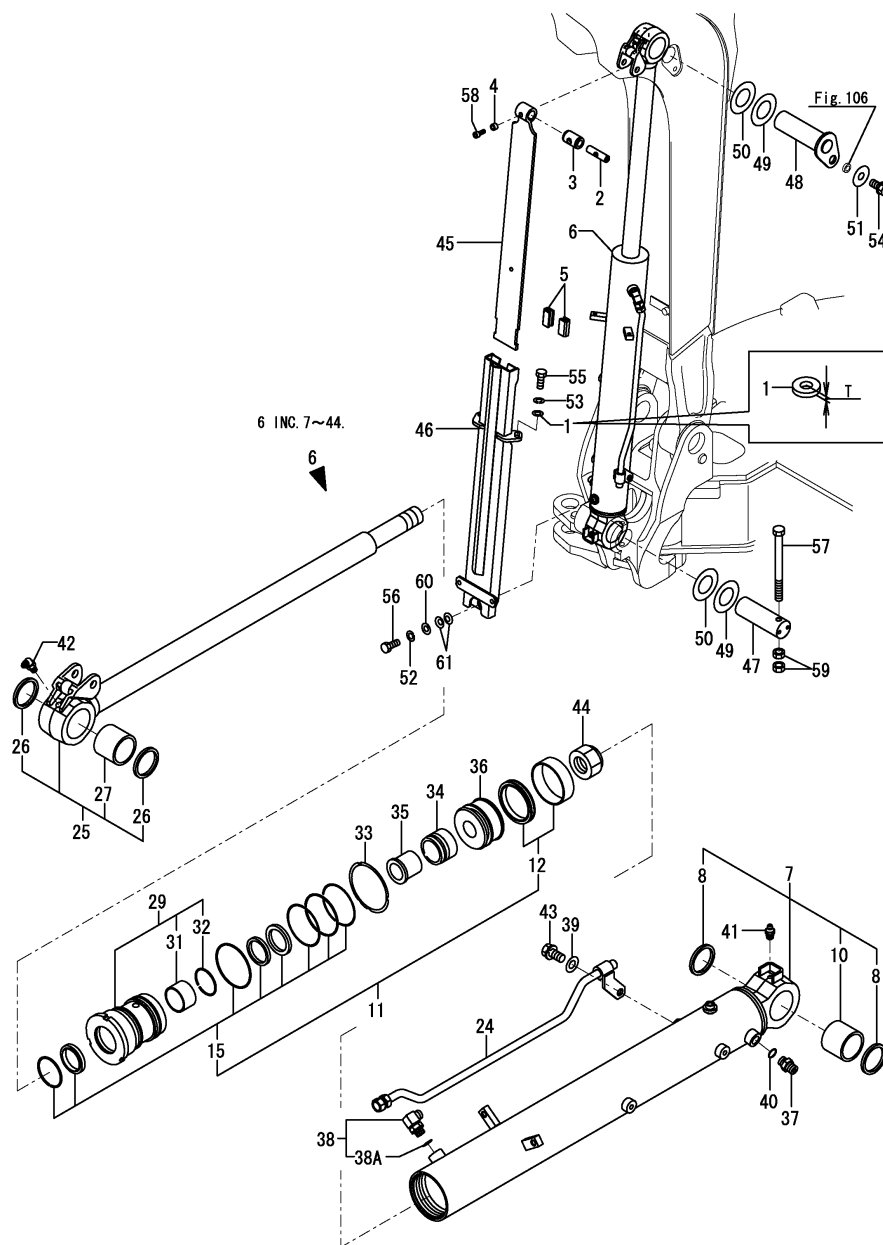
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	3	172422-73660	BOLT	1	1	1	1				
52	3	172422-73670	CLAMP	1	1	1	1				
53	3	24311-000100	O-RING, 1AP10.0	1	1	1	1				
54	3	24315-000080	O-RING, 1BP8.0	1	1	1	1				
55	3	24315-000140	O-RING, 1BP14.0	1	1	1	1				
56	3	172458-73680	VALVE ASSY	1	1	1	1				1
57	3	172458-73690	VALVE ASSY	1	1	1	1				2
58	2	172422-73700	SEAL SET, PUMP	1	1	1	1				
59	3	172422-73170	GASKET	1	1	1	1				
60	3	172422-73510	SEAL, OIL	1	1	1	1				
61	3	172422-73570	WASHER	1	1	1	1				
62	3	24315-000070	O-RING, 1BP7.0	1	1	1	1				
63	3	24315-000080	O-RING, 1BP8.0	2	2	2	2				
64	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
65	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
66	3	24315-000120	O-RING, 1BP12.0	3	3	3	3				
67	3	24325-000550	O-RING, 1BG55.0	1	1	1	1				
68	1	172422-76100	FLANGE	1	1	1	1				
69	1	22117-100000	WASHER, 10	4	4	4	4				
70	1	24321-000400	O-RING, 1AG40.0	1	1	1	1				
71	1	26013-100302	BOLT, M10X 30	4	4	4	4				
72	1	26013-100302	BOLT, M10X 30	8	8	8	8				
73	1	26013-120352	BOLT, M12X 35	2	2	2	2				
74	1	26450-120402	BOLT, M12X 40	3	3	3	3				

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



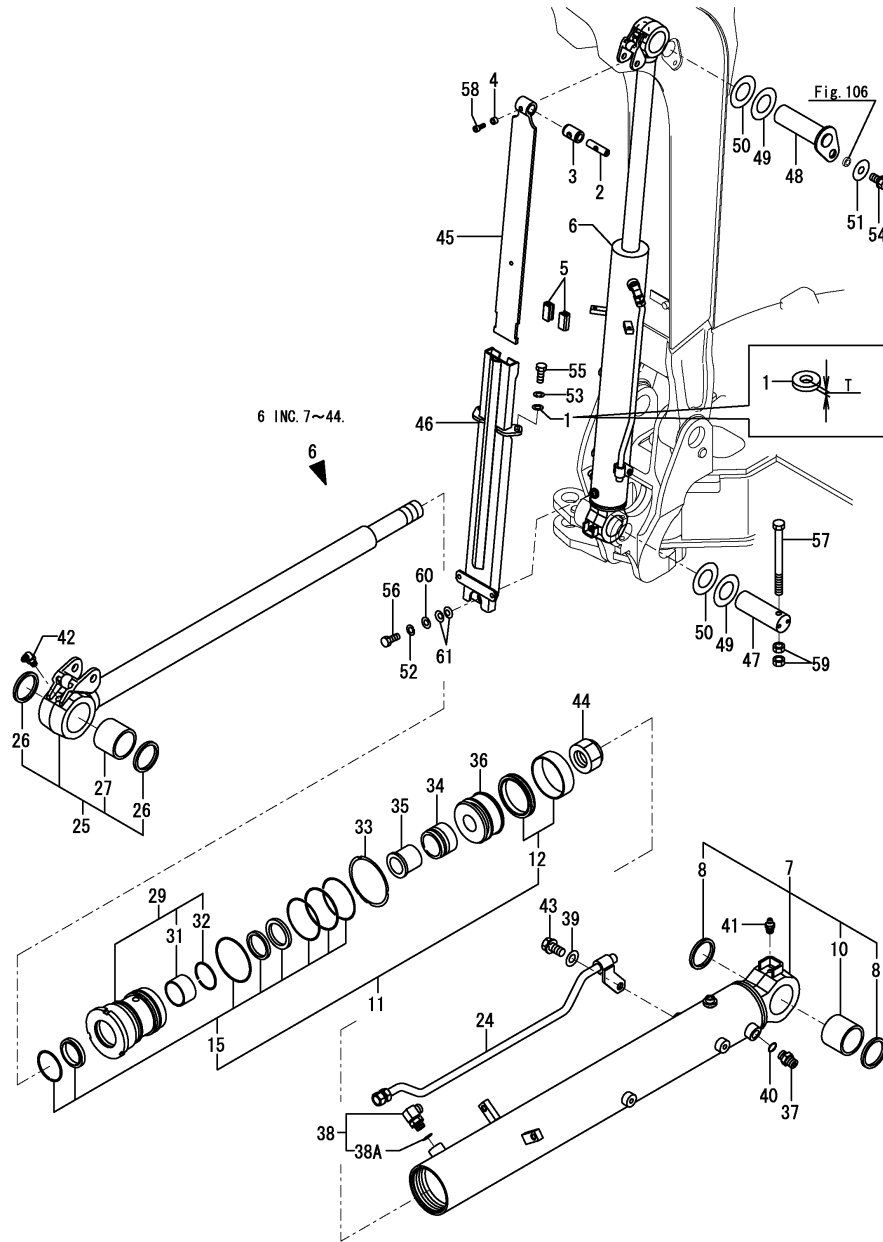
No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)		
1	1	172137-46042	SEAT, SPRING	2	2	2	2			
1-1	1	172A79-72570	WASHER	2	2	2	2		S	1
		(A=M53085)	(B=M53085)	(C=M53085)	(D=M53085)					
2	1	172A23-72043	SHAFT	1	1	1	1			
3	1	172A23-72052	GROMMET	1	1	1	1			
4	1	172A46-72070	SPACER	1	1	1	1			
5	1	172A23-72081	GUIDE, SLIDE	2	2	2	2			
6	1	172A44-72101-2	CYLINDER ASSY, BOOM	1	1	1	1			
6-1	1	172A44-72101-N	CYLINDER ASSY, BOOM	1	1	1	1		S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)					
7	2	172A44-72110-2	TUBE, BOOM	1	1	1	1			
7-1	2	172A44-72110-N	TUBE, BOOM	1	1	1	1		S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)					
8	3	172448-54120	SEAL, DUST	2	2	2	2			
10	3	172458-72130	BUSH	1	1	1	1			
11	2	172A44-72160	SEAL SET, 80X45	1	1	1	1			
12	3	172487-72021	SEAL SET, PISTON	1	1	1	1			
15	3	172A44-72150	SEAL SET, HEAD 80X45	1	1	1	1			
24	2	172A44-72170-2	TUBE ASSY, BOOM	1	1	1	1			
24-1	2	172A44-72170-N	PIPE ASSY, BOOM	1	1	1	1		S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)					
25	2	172A44-72201	ROD ASSY,BOOM	1	1	1	1			
26	3	172448-54120	SEAL, DUST	2	2	2	2			
27	3	172458-72130	BUSH	1	1	1	1			
29	2	172A44-72250	HEAD ASSY 80X45	1	1	1	1			
31	3	24550-045300	BUSH, 45X30	1	1	1	1			
32	3	933111-26600	RING, SPRING	1	1	1	1			
33	2	172142-72260	WASHER, LOCK	1	1	1	1			
34	2	172458-72260	PLUNGER, CUSHION	1	1	1	1			
35	2	172458-72290	COLLAR, CUSHION	1	1	1	1			
36	2	172422-72470	PISTON	1	1	1	1			
37	2	172730-75141	ADAPTER	1	1	1	1			
38	2	172142-76181	JOINT ASSY	1	1	1	1			
38A	3	24315-000140	O-RING, 1BP14.0	1	1	1	1		W	
		(A=M53001)	(B=M53001)	(C=M53001)	(D=M53001)					
39	2	22137-100000	WASHER, 10	1	1	1	1			
40	2	24315-000140	O-RING, 1BP14.0	1	1	1	1			
40-1	2	41851-000140	O-RING	1	1	1	1		N	
		(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)					
41	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1			
42	2	24761-040000	NIPPLE, GREASE B	1	1	1	1			
43	2	26013-100202	BOLT, M10X 20	1	1	1	1			
44	2	933111-20200	NUT	1	1	1	1			
45	1	172A25-72951-2	PLATE, SLIDE	1	1	1	1			
45-1	1	172A25-72951-N	PLATE, SLIDE	1	1	1	1		S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)					
46	1	172A46-72950-2	GUIDE ASSY	1	1	1	1			
46-1	1	172A46-72950-N	GUIDE ASSY	1	1	1	1		S	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)					
47	1	172458-81831	PIN	1	1	1	1			
48	1	172A46-81910	PIN ASSY	1	1	1	1			

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{No}}$ 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

(1) T=Ref.No.1:2mm, No.1-1:4.5mm.

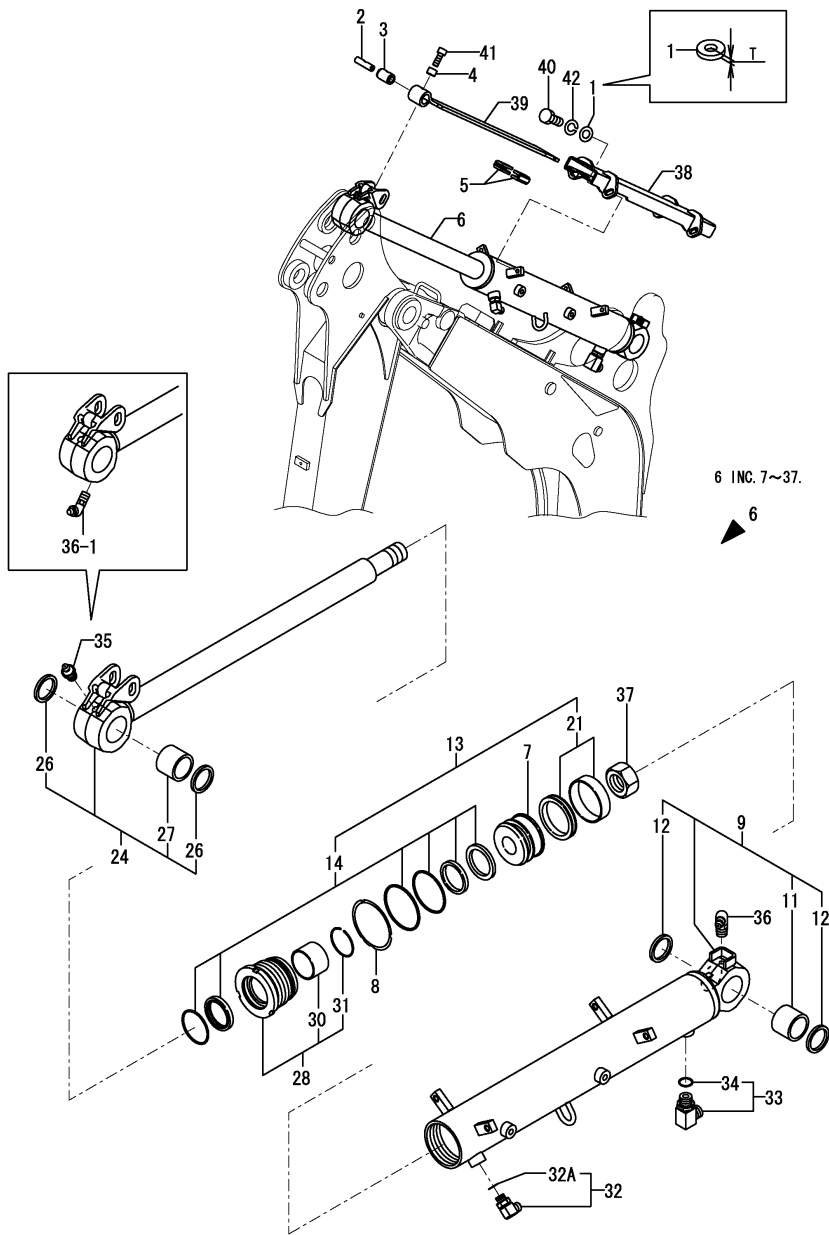


No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
49	1	172165-82520	SHIM	2	2	2	2		
50	1	172165-82530	SHIM	2	2	2	2		
51	1	22157-120000	WASHER, 12	1	1	1	1		
52	1	22217-100000	WASHER, SPRING 10	1	1	1	1		
53	1	22217-100000	WASHER, SPRING 10	2	2	2	2		
54	1	26013-100252	BOLT, M10X 25	1	1	1	1		
55	1	26076-100202	BOLT, 10.910X 20	2	2	2	2		
55-1	1	26076-100252	BOLT, 10.910X 25	2	2	2	2		S
	(A=M53085)	(B=M53085)	(C=M53085)	(D=M53085)					
56	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1		
57	1	26116-121402	BOLT, M12X165 PLATED	1	1	1	1		
58	1	172A47-72840	BOLT	1	1	1	1		
59	1	26716-120002	NUT, M12	2	2	2	2		
60	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1		
61	1	933168-14170	SPRING	2	2	2	2		

Remarks
(1)T=Ref.No.1:2mm, No.1-1:4.5mm.

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.65. ARM CYLINDER

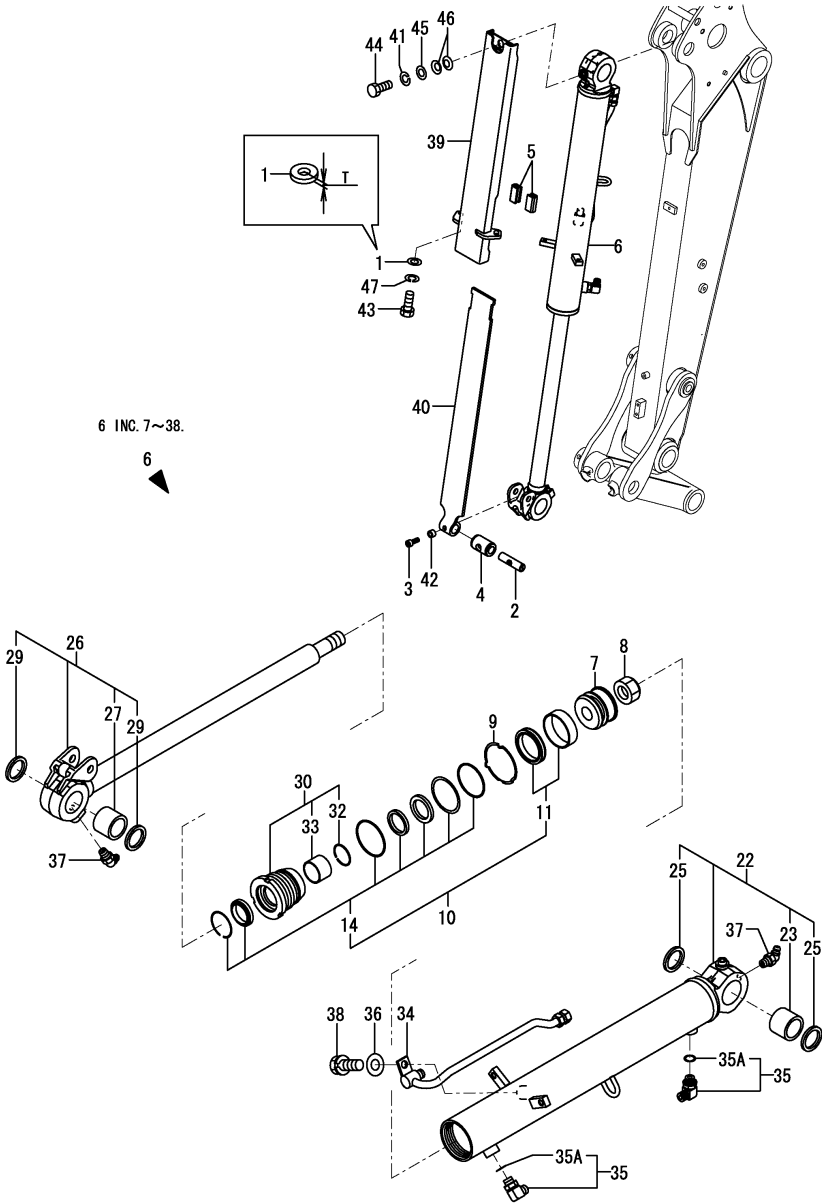


Remarks
(1)T=Ref.No.1:2mm, No.1-1:4.5mm.

										OCS10-M52701 Fig.65	
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	
										(D)=VIO27-5B(SG) (E)= (F)=	
										Q'ty	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172137-46042	SEAT, SPRING	4	4	4	4				
1-1	1	172A79-72570	WASHER	4	4	4	4			S	1
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
2	1	172A23-72043	SHAFT	1	1	1	1				
3	1	172A23-72052	GROMMET	1	1	1	1				
4	1	172A46-72070	SPACER	1	1	1	1				
5	1	172A23-72081	GUIDE, SLIDE	2	2	2	2				
6	1	172A44-72300-2	CYLINDER ASSY, ARM	1	1	1	1				
6-1	1	172A44-72300-N	CYLINDER ASSY, ARM	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
7	2	172148-72050	PISTON	1	1	1	1				
8	2	172141-72190	WASHER, LOCK	1	1	1	1				
9	2	172A44-72310-2	TUBE ASSY, ARM	1	1	1	1				
9-1	2	172A44-72310-N	TUBE ASSY, ARM	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
11	3	172168-72410	BUSH	1	1	1	1				
12	3	172448-72650	SEAL, DUST	2	2	2	2				
13	2	172A44-72340	SEAL SET, 75X45	1	1	1	1				
14	2	172A44-72350	SEAL SET, HEAD 75X45	1	1	1	1				
21	3	172444-72961	SEAL SET, 75 40	1	1	1	1				
24	2	172A44-72400	ROD ASSY,ARM	1	1	1	1				
26	3	172448-72650	SEAL, DUST	2	2	2	2				
27	3	172151-72880	BUSH 40 50	1	1	1	1				
27-1	3	172A44-72230	BUSH, 40-50	1	1	1	1				N
(A=M53008) (B=M53008) (C=M53008) (D=M53008)											
28	2	172A44-72450	HEAD ASSY 75X45	1	1	1	1				
30	3	24550-045300	BUSH, 45X30	1	1	1	1				
31	3	933111-26600	RING, SPRING	1	1	1	1				
32	2	172142-76181	JOINT ASSY	1	1	1	1				
32A	3	24315-000140	O-RING, 1BP14.0	1	1	1	1				W
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
33	2	172645-76560	CONNECTOR ASSY	1	1	1	1				
34	3	24315-000180	O-RING, 1BP18.0	1	1	1	1				
35	2	24761-020000	NIPPLE, GREASE PT1/8	1	1	1	1				Z
(A=M53008) (B=M53008) (C=M53008) (D=M53008)											
36	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
36-1	2	24761-050000	NIPPLE, GREASE C	2	2	2	2				K
(A=M53008) (B=M53008) (C=M53008) (D=M53008)											
37	2	933111-20200	NUT	1	1	1	1				
38	1	172A24-72900-2	GUIDE ASSY	1	1	1	1				
38-1	1	172A24-72900-N	GUIDE ASSY	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
39	1	172A24-72951-2	PLATE, SLIDE	1	1	1	1				
39-1	1	172A24-72951-N	PLATE, SLIDE	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
40	1	26076-100202	BOLT, 10.910X 20	4	4	4	4				
40-1	1	26076-100252	BOLT, 10.910X 25	4	4	4	4				S
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
41	1	172A47-72840	BOLT	1	1	1	1				
42	1	22217-100000	WASHER, SPRING 10	4	4	4	4				

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

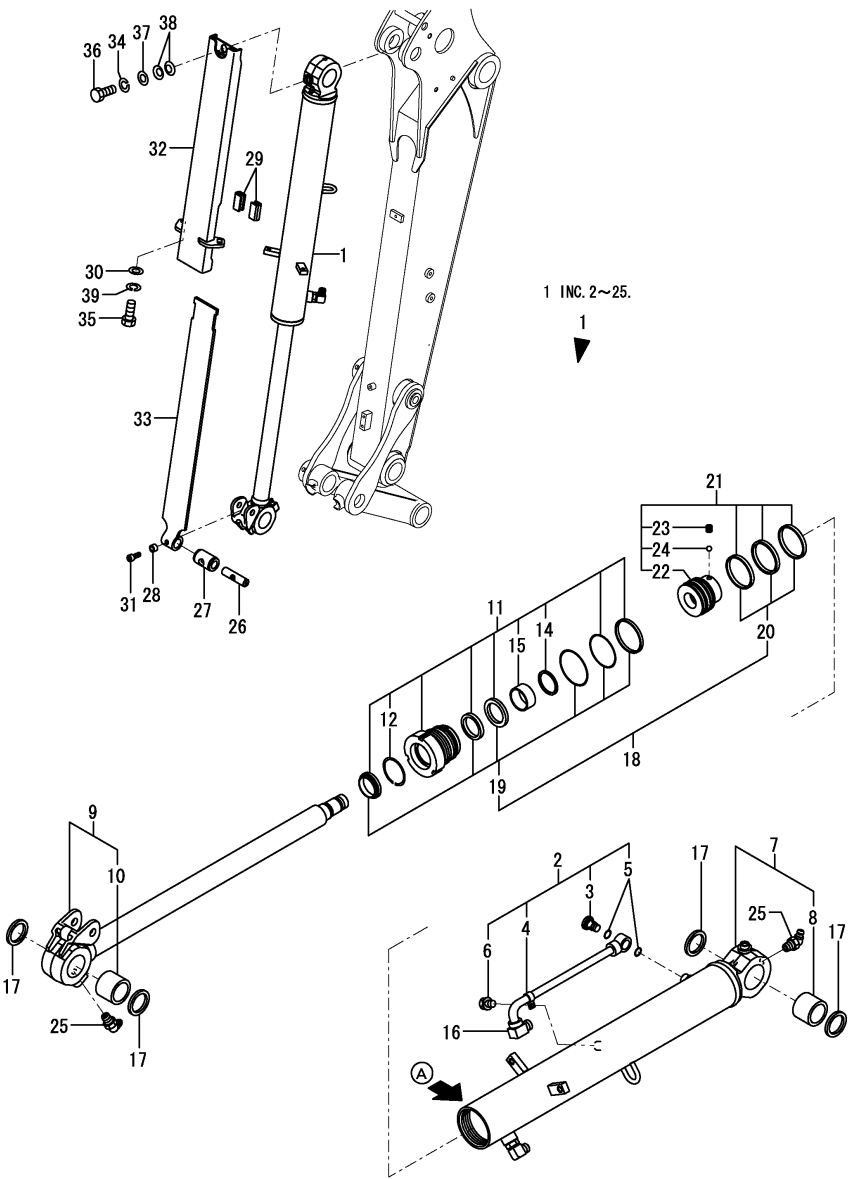
(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46042	SEAT, SPRING	2	2	2	2				
1-1	1	172A79-72570	WASHER	2	2	2	2			S	1
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
2	1	172A23-72043	SHAFT	1	1	1	1				
3	1	172A47-72840	BOLT	1	1	1	1				
4	1	172A23-72052	GROMMET	1	1	1	1				
5	1	172A23-72081	GUIDE, SLIDE	2	2	2	2				
6	1	172A46-72502-2	CYLINDER ASSY	1	1	1	1				
6-1	1	172A46-72502-N	CYLINDER ASSY	1	1	1	1			S	2
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
7	2	172456-72190	PISTON	1	1	1	1				
8	2	172141-72250	NUT	1	1	1	1				
9	2	172141-72420	WASHER, LOCK	1	1	1	1				
10	2	172A46-72470	SEAL SET, CYLINDER	1	1	1	1				
11	3	172460-72070	SEAL SET, PISTON	1	1	1	1				
14	3	172A46-72590	SEAL SET, HEAD	1	1	1	1				
22	2	172A46-72511-2	TUBE, BUCKET	1	1	1	1				
22-1	2	172A46-72511-N	TUBE, BUCKET	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
23	3	172168-72240	BUSH	1	1	1	1				
25	3	172168-81270	SEAL, DUST	2	2	2	2				
26	2	172A46-72541	ROD ASSY, BUCKET	1	1	1	1				
27	3	172168-72240	BUSH	1	1	1	1				
29	3	172168-81270	SEAL, DUST	2	2	2	2				
30	2	172A46-72570	HEAD ASSY	1	1	1	1				
32	3	172141-73090	RING, SPRING	1	1	1	1				
33	3	24550-040300	BUSH, 40X30	1	1	1	1				
34	2	172A46-72601-2	PIPE ASSY, BUCKET	1	1	1	1				
34-1	2	172A46-72601-N	PIPE ASSY, BUCKET	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
35	2	172142-76181	JOINT ASSY	2	2	2	2				
35A	3	24315-000140	O-RING, 1BP14.0	2	2	2	2				W
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
36	2	22137-100000	WASHER, 10	1	1	1	1				
37	2	24761-040000	NIPPLE, GREASE B	2	2	2	2				
38	2	26013-100202	BOLT, M10X 20	1	1	1	1				
39	1	172A25-72900-2	GUIDE ASSY	1	1	1	1				
39-1	1	172A25-72900-N	GUIDE ASSY	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
40	1	172A25-72951-2	PLATE, SLIDE	1	1	1	1				
40-1	1	172A25-72951-N	PLATE, SLIDE	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
41	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
42	1	172A46-72070	SPACER	1	1	1	1				
43	1	26076-100202	BOLT, 10.910X 20	2	2	2	2				
43-1	1	26076-100252	BOLT, 10.910X 25	2	2	2	2			S	
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
44	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1				
45	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1				
46	1	933168-14170	SPRING	2	2	2	2				
47	1	22217-100000	WASHER, SPRING 10	2	2	2	2				

Remarks
(1)T=Ref.No.1:2mm, No.1-1:4.5mm.
(2)Interchangeable by Fig.124(66A) No.1.

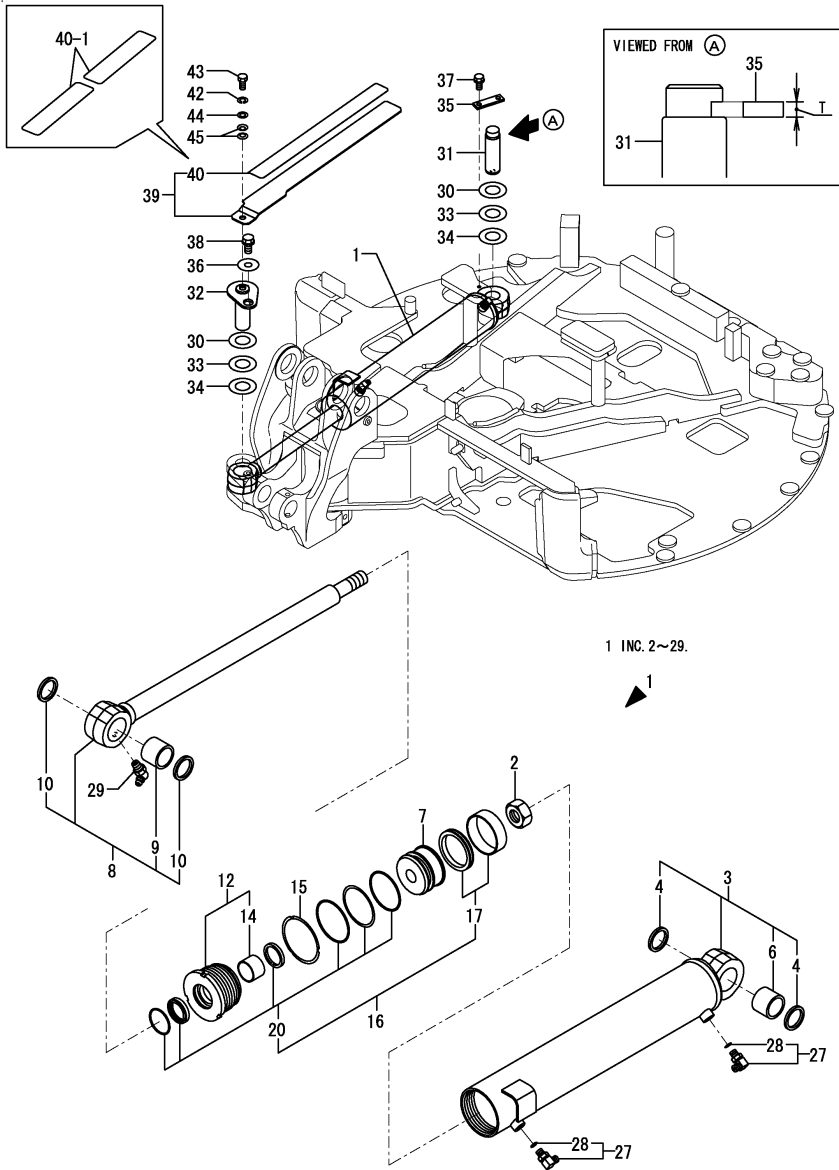
Fig.124. (66A)BUCKET CYLINDER(K SPEC.)



Remarks
* A : There is serial No.(172A86-70700).

OCS10-M52701 Fig.124											
(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)											
(D)=VIO27-5B(SG) (E)= (F)=											
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A86-70700-N	CYLINDER ASSY,BT	1	1	1	1				
2	2	172A23-70600	PLUG ASSY	1	1	1	1				
3	3	172A23-70610	PLUG	1	1	1	1				
4	3	172A23-70620	HOLDER, PIPE	1	1	1	1				
5	3	24315-350220	O-RING, 1BP22A	2	2	2	2				
6	3	26013-080162	BOLT, M8X 16	1	1	1	1				
7	2	172A86-70710-N	TUBE ASSY	1	1	1	1				
8	3	172168-72240	BUSH	1	1	1	1				
9	2	172A86-70730	ROD ASSY	1	1	1	1				
10	3	172168-72240	BUSH	1	1	1	1				
11	2	172A86-70740	HEAD ASSY	1	1	1	1				
12	3	172A23-70210	RING, RETAINING	1	1	1	1				
14	3	172A86-70760	RING, SNAP	1	1	1	1				
15	3	172A23-71460	BEARING, SLEEVE	1	1	1	1				
16	2	172A86-70770	PIPE ASSY	1	1	1	1				
17	2	172168-81270	SEAL, DUST	4	4	4	4				
18	2	172A86-70790	SEAL KIT	1	1	1	1				
19	3	172A86-70800	SEAL KIT, HEAD	1	1	1	1				
20	3	172B04-72690	SEAL SET,PISTON 70	1	1	1	1				
21	2	172A23-71470	PISTON ASSY	1	1	1	1				
22	3	172A23-71480	PISTON	1	1	1	1				
23	3	172A79-72870	SCREW,M8	1	1	1	1				
24	3	24190-070002	BALL, STEEL 7/32	1	1	1	1				
25	2	24761-040000	NIPPLE, GREASE B	2	2	2	2				
26	1	172A23-72043	SHAFT	1	1	1	1				
27	1	172A23-72052	GROMMET	1	1	1	1				
28	1	172A46-72070	SPACER	1	1	1	1				
29	1	172A23-72081	GUIDE, SLIDE	2	2	2	2				
30	1	172A79-72570	WASHER	2	2	2	2				
31	1	172A47-72840	BOLT	1	1	1	1				
32	1	172A25-72900-N	GUIDE ASSY	1	1	1	1				
33	1	172A25-72951-N	PLATE, SLIDE	1	1	1	1				
34	1	22217-100000	WASHER, SPRING 10	1	1	1	1				
35	1	26076-100252	BOLT, 10.910X 25	2	2	2	2				
36	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1				
37	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1				
38	1	933168-14170	SPRING	2	2	2	2				
39	1	22217-100000	WASHER, SPRING 10	2	2	2	2				

Fig.67. SWING CYLINDER



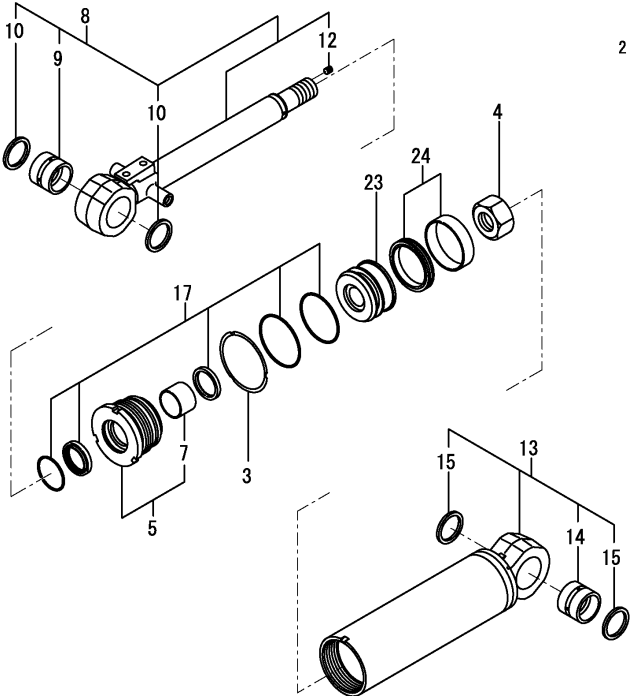
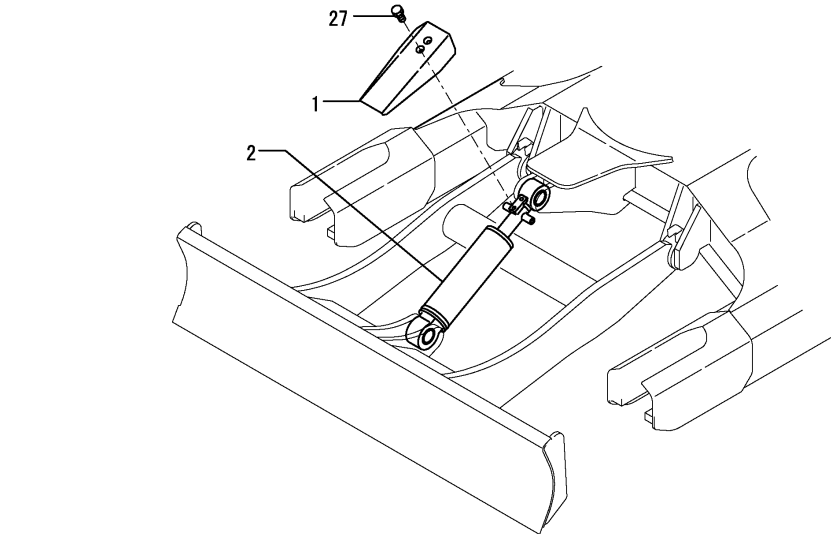
Remarks
(1)Canopy spec.
(2)Please change two with a set.
(3)T=Ref.No.31,35:6mm, No.31-1,35-1:9mm.
Interchangeable by simultaneous replacement with Ref.No.35-1,37-1.

OCS10-M52701 Fig.67										
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=					
No.	Lev.	Parts No.	Description	Q'ty						I R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172A46-72700	CYLINDER ASSY, SWING	1	1	1	1			
2	2	172141-72250	NUT	1	1	1	1			
3	2	172A46-72710	TUBE, SWING	1	1	1	1			
4	3	172448-72650	SEAL, DUST	2	2	2	2			
6	3	172458-72740	BUSH	1	1	1	1			
7	2	172459-72760	PISTON	1	1	1	1			
8	2	172A46-72800	ROD ASSY, SWING	1	1	1	1			
9	3	172165-72310	BUSH	1	1	1	1			
10	3	172448-72650	SEAL, DUST	2	2	2	2			
12	2	172A46-72850	HEAD ASSY	1	1	1	1			
14	3	24550-040300	BUSH, 40X30	1	1	1	1			
15	2	172151-72870	WASHER, LOCK	1	1	1	1			
16	2	172A46-72900	SEAL SET, CYLINDER	1	1	1	1			
17	3	172460-72050	SEAL SET, PISTON	1	1	1	1			
20	3	172A46-72910	SEAL SET, HEAD	1	1	1	1			
27	2	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2			
28	3	41851-000110	O-RING	2	2	2	2			
29	2	24761-050000	NIPPLE, GREASE C	1	1	1	1			
30	1	172A25-81900	SHIM	2	2	2	2			
31	1	172A46-81900	PIN	1	1	1	1			
31-1	1	172A46-81901	PIN	1	1	1	1		F 3	
	(A=M53545)	(B=M53545)	(C=M53545)	(D=M53545)						
32	1	172458-81930-W	PIN	1	1	1	1			
32-1	1	172458-81931	PIN ASSY, 40X117	1	1	1	1		N	
	(A=M53831)	(B=M53831)	(C=M53831)	(D=M53831)						
33	1	172165-82580	SHIM	2	2	2	2			
34	1	172165-82590	SHIM	2	2	2	2			
35	1	172117-83970-7	PLATE, LOCK	1	1	1	1			
35-1	1	172A47-81980	PLATE, LOCK	1	1	1	1		S 3	
	(A=M53545)	(B=M53545)	(C=M53545)	(D=M53545)						
36	1	22157-120000	WASHER, 12	1	1	1	1			
37	1	26013-100202	BOLT, M10X 20	2	2	2	2			
37-1	1	26013-100252	BOLT, M10X 25	2	2	2	2		S	
	(A=M53545)	(B=M53545)	(C=M53545)	(D=M53545)						
38	1	26013-120302	BOLT, M12X 30	1	1	1	1			
39	1	172A46-72870	COVER, SWING	1	1	1	1		1	
40	2	172164-62430	SHEET	1	1	1	1		1	
40-1	2	172164-62431	SHEET	2	2	2	2		F 2	
	(A=M53156)	(B=M53156)	(C=M53156)	(D=M53156)						
42	1	22217-100000	WASHER, SPRING 10	1	1	1	1		1	
43	1	26116-100162	BOLT, M10X 16 PLATED	1	1	1	1		1	
44	1	933147-03400	WASHER, BRAKE ARM	1	1	1	1		1	
45	1	933168-14170	SPRING	2	2	2	2		1	

Fig.68. BLADE CYLINDER

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



2 INC. 3~24.

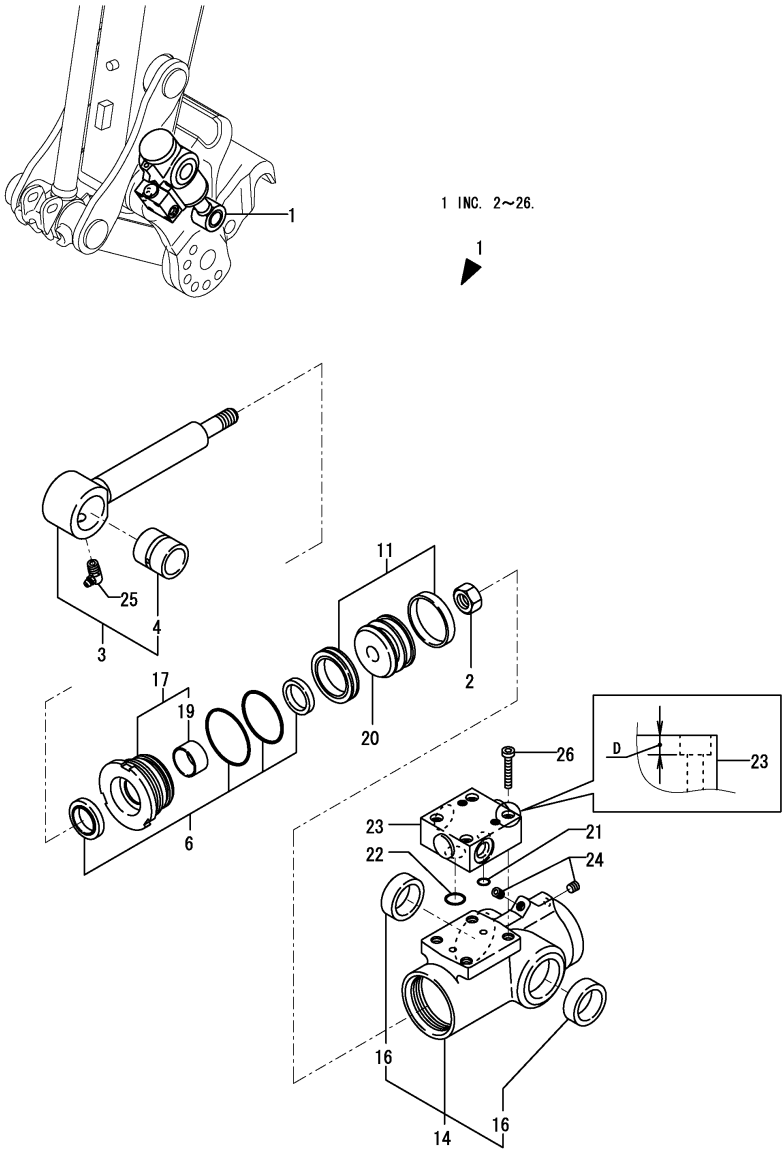


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-72791-2	COVER, BLADE	1	1	1	1				
2	1	172457-72900-2	CYLINDER, BLADE	1	1	1	1				
3	2	172141-72190	WASHER, LOCK	1	1	1	1				
4	2	172175-72550	NUT	1	1	1	1				
5	2	172141-72690	HEAD 75 40 W/BUSH	1	1	1	1				
7	3	24550-040300	BUSH, 40X30	1	1	1	1				
8	2	172458-72690	ROD ASSY, BLADE	1	1	1	1				
9	3	172168-72410	BUSH	1	1	1	1				
10	3	172448-72650	SEAL, DUST	2	2	2	2				
12	4	23871-005000	PLUG, R005	1	1	1	1				
13	2	172457-72930	TUBE ASSY, BLADE	1	1	1	1				
14	3	172168-72410	BUSH	1	1	1	1				
15	3	172448-72650	SEAL, DUST	2	2	2	2				
17	2	172444-72940	SEAL SET	1	1	1	1				
23	2	172457-72950	PISTON 75X30	1	1	1	1				
24	2	172444-72961	SEAL SET, 75 40	1	1	1	1				
27	1	26013-100162	BOLT, M10X 16	2	2	2	2				

Fig.69. HITCH CYLINDER(QUICK COUPLER)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



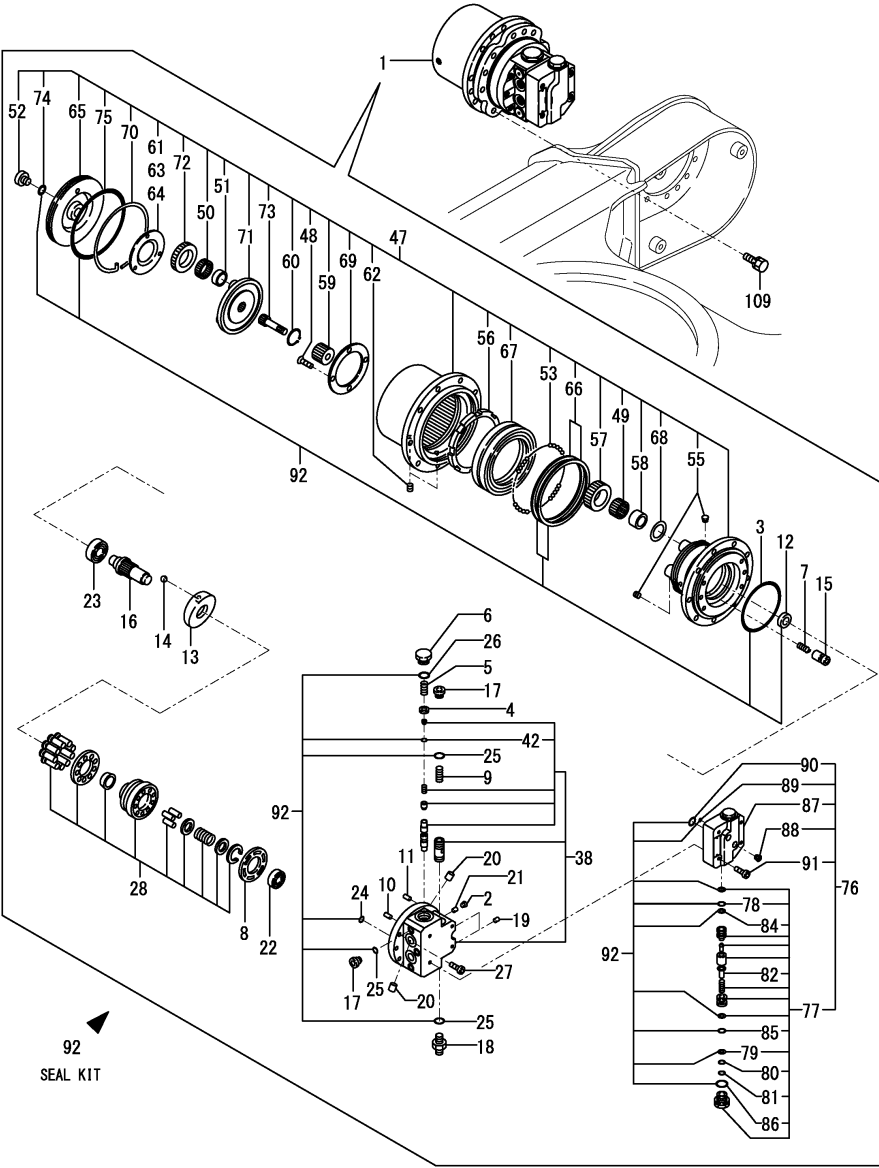
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172958-72801-2	CYLINDER ASSY, HITCH	1	1	1	1				
1-1	1	172958-72801-N	CYLINDER ASSY, HITCH	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
2	2	172156-72400	NUT	1	1	1	1				
3	2	172958-72750	ROD ASSY, HITCH	1	1	1	1				
4	3	172156-72770	BUSH, PIN	1	1	1	1				
6	2	172958-72760	SEAL SET, HEAD	1	1	1	1				
11	2	172958-72770	SEAL SET, PISTON	1	1	1	1				
14	2	172958-72811-1	TUBE, HITCH	1	1	1	1				
14-1	2	172958-72811-N	TUBE, HITCH	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
16	3	172958-72970	BUSH	2	2	2	2				
17	2	172958-72860	HEAD ASSY	1	1	1	1				
19	3	24550-025150	BUSH, 25X15	1	1	1	1				
20	2	172958-72890	PISTON	1	1	1	1				
21	2	172958-72950	O-RING	1	1	1	1				
22	2	172958-72960	O-RING	1	1	1	1				
23	2	172958-72982-2	VALVE, CHECK	1	1	1	1				
23-1	2	172958-72983	VALVE ASSY, OPERATE	1	1	1	1				F 1
		(A=M53634) (B=M53634) (C=M53634) (D=M53634)									
23-2	2	172958-72983-N	VALVE ASSY, OPERATE	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
24	2	23871-005000	PLUG, R005	2	2	2	2				
25	2	24761-050000	NIPPLE, GREASE C	1	1	1	1				
26	2	26450-060352	BOLT, M6X 35	4	4	4	4				
26-1	2	26450-060302	BOLT, M6X 30	4	4	4	4				S
		(A=M53634) (B=M53634) (C=M53634) (D=M53634)									

Remarks
(1)D=Ref.No.23:4mm, No.23-1:8mm.
Interchangeable by simultaneous replacement with Ref.No.26-1.

Fig.70. TRAVEL MOTOR

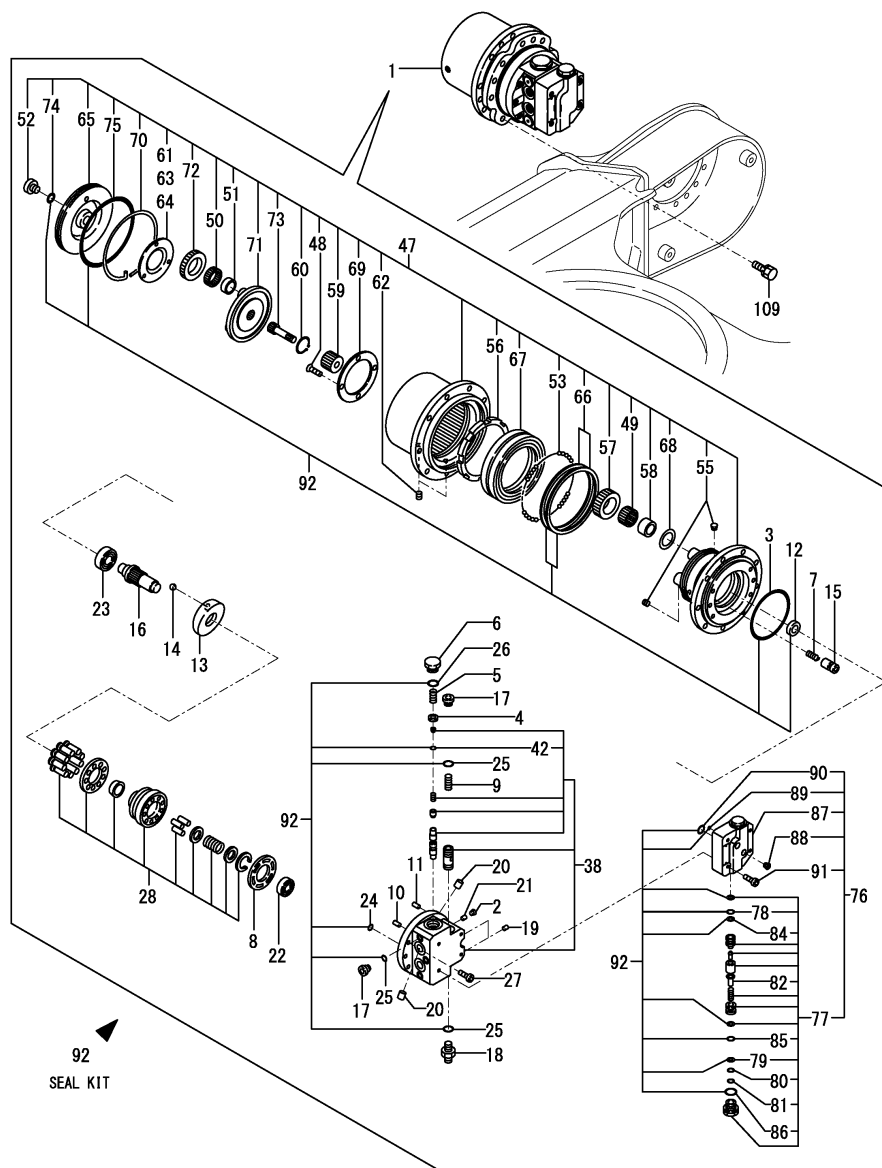
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-73701	MOTOR ASSY, TRAVEL	2	2	2	2				
2	2	172147-70220	PLUG	4	4	4	4				
3	2	172141-70370	O-RING	2	2	2	2				
4	2	172141-70450	SEAT, SPRING	4	4	4	4				
5	2	172141-70460	SPRING	4	4	4	4				
6	2	172141-70470	CAP	4	4	4	4				
7	2	172168-71951	SPRING	4	4	4	4				
8	2	172638-73330	PLATE, VALVE	2	2	2	2				
9	2	172421-73400	SPRING	2	2	2	2				
10	2	172122-73470	PIN	2	2	2	2				
11	2	172122-73480	PIN	4	4	4	4				
12	2	172450-73490	SEAL, OIL	2	2	2	2				
13	2	172450-73501	PLATE, SWASH	2	2	2	2				
14	2	172450-73510	BALL, STEEL	4	4	4	4				
15	2	172450-73551	PISTON ASSY	4	4	4	4				
16	2	172183-73670	SHAFT	2	2	2	2				
17	2	172183-73770	PLUG	6	6	6	6				
17-1	2	172148-70301	PLUG	6	6	6	6				R
(A=M53005) (B=M53005) (C=M53005) (D=M53005)											
18	2	172183-73780	PLUG	2	2	2	2				
19	2	172183-73870	PLUG	8	8	8	8				
20	2	172312-74790	ORIFICE	4	4	4	4				
21	2	172312-74790	ORIFICE	8	8	8	8				
22	2	24101-060024	BEARING, BALL 6002	2	2	2	2				
23	2	24101-060044	BEARING, BALL 6004	2	2	2	2				
24	2	24315-000070	O-RING, 1BP7.0	6	6	6	6				
25	2	24315-000110	O-RING, 1BP11.0	8	8	8	8				
26	2	24315-000240	O-RING, 1BP24.0	4	4	4	4				
27	2	26450-080202	BOLT, M8X 20	12	12	12	12				
28	2	172450-73620	BLOCK KIT, CYLINDER	2	2	2	2				
38	2	172421-73450	BASE PLATE ASSY	2	2	2	2				
42	4	172141-70440	O-RING	4	4	4	4				
47	2	172457-73720	GEAR, REDUCTION	2	2	2	2				
48	3	172141-70110	SCREW	8	8	8	8				
49	3	172147-70120	GAUGE ASSY	8	8	8	8				
50	3	172141-70150	GAUGE, W/ROLLER	6	6	6	6				
51	3	172141-70160	RACE, INNER	6	6	6	6				
52	3	172148-70301	PLUG	4	4	4	4				
53	3	172122-70350	BALL, STEEL	218	218	218	218				
55	3	172450-73330	PLUG	4	4	4	4				
56	3	172456-73350	NUT, RING	2	2	2	2				
56-1	3	172456-73351	NUT, RING	2	2	2	2				N
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
57	3	172456-73360	GEAR, PLANETARY	8	8	8	8				
58	3	172456-73370	INNER RACE	8	8	8	8				
59	3	172456-73380	GEAR, SUN	2	2	2	2				
59-1	3	172456-73980	GEAR, SUN	2	2	2	2				R
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
60	3	172456-73390	SNAP RING	2	2	2	2				
61	3	172456-73420	THRUST PLATE	2	2	2	2				
62	3	172122-73430	PLUG	4	4	4	4				

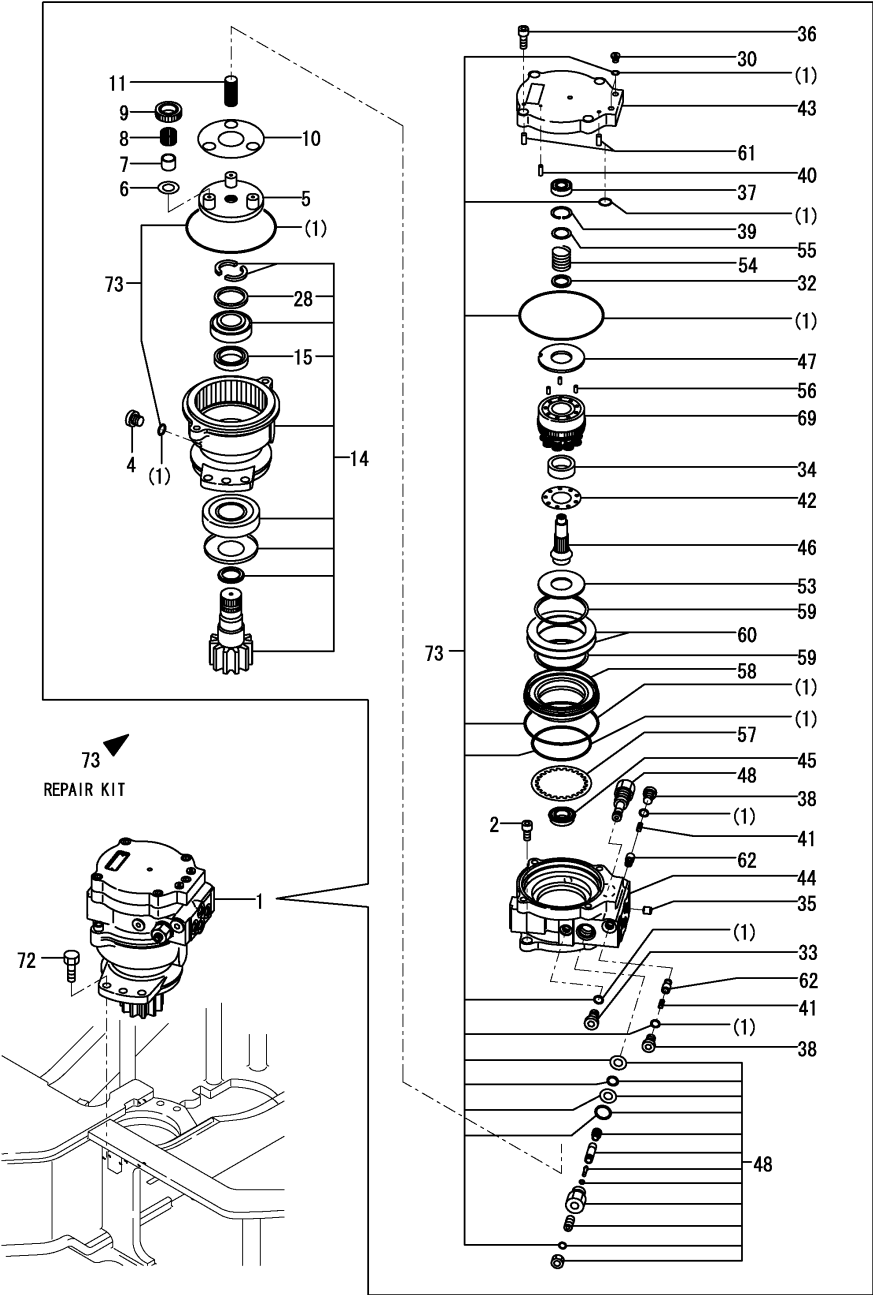
Remarks
(1)A package contains 2 floating seals.
1 package par 1 travel motor.



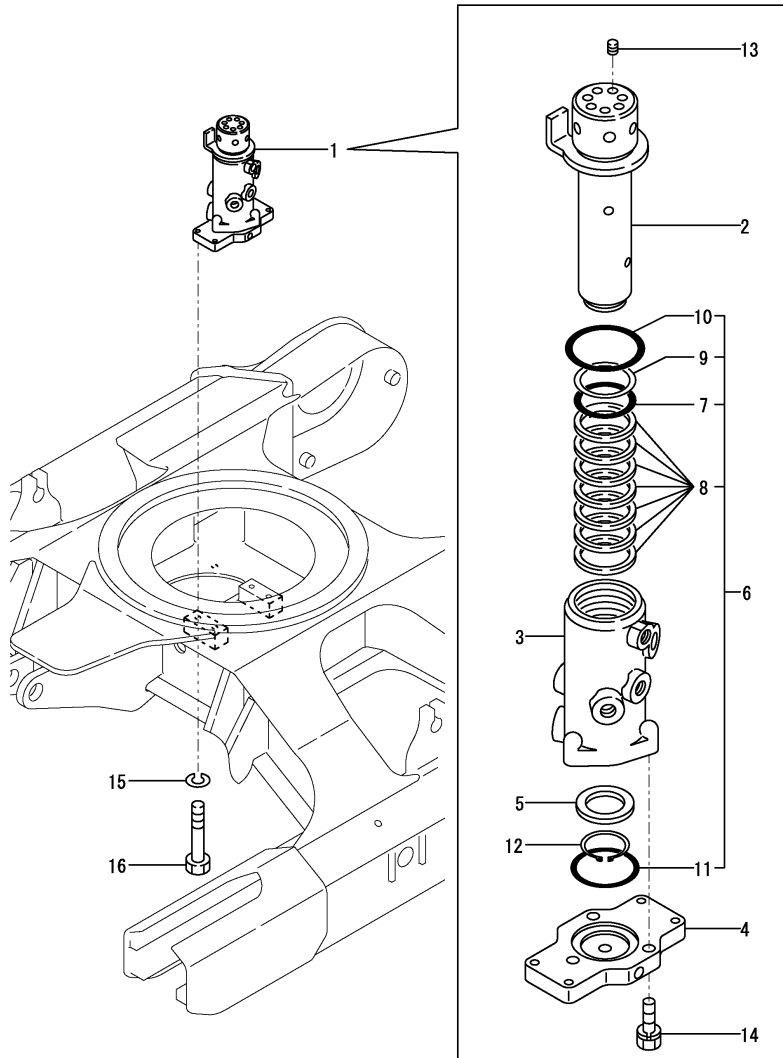
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
63	3	172456-73430	THRUST PLATE	2	2	2	2				
64	3	172456-73440	THRUST PLATE	2	2	2	2				
65	3	172456-73450	COVER	2	2	2	2				
66	3	172183-73510	SEAL, FLOATING	2	2	2	2				1
67	3	172183-73520	BEARING	2	2	2	2				
68	3	172183-73560	WASHER, THRUST	8	8	8	8				
69	3	172183-73570	PLATE, THRUST	2	2	2	2				
70	3	172183-73660	WIRE	2	2	2	2				
71	3	172457-73730	HOLDER	2	2	2	2				
72	3	172457-73740	GEAR, PLANETARY	6	6	6	6				
73	3	172457-73770	GEAR, DRIVE	2	2	2	2				
74	3	24315-000110	O-RING, 1BP11.0	4	4	4	4				
75	3	24315-001300	O-RING, 1BP130.0	2	2	2	2				
76	2	172457-73750	VALVE ASSY	2	2	2	2				
77	3	172457-73760	VALVE ASSY, RELIEF	4	4	4	4				
78	4	172147-70580	RING, BUCK UP	8	8	8	8				
79	4	172147-70600	RING P15,T3,BACKUP	8	8	8	8				
80	4	172147-70610	SHIM	4	4	4	4				
81	4	172162-70760	SHIM	12	12	12	12				
82	4	172173-73440	ORIFICE	4	4	4	4				
84	4	24315-000120	O-RING, 1BP12.0	4	4	4	4				
85	4	24315-000150	O-RING, 1BP15.0	4	4	4	4				
86	4	24315-000240	O-RING, 1BP24.0	4	4	4	4				
87	3	172183-73810	VALVE BODY	2	2	2	2				
88	3	23871-020000	PLUG, R02	4	4	4	4				
89	3	24315-000070	O-RING, 1BP7.0	6	6	6	6				
90	3	24315-000100	O-RING, 1BP10.0	4	4	4	4				
91	3	26450-060402	BOLT, M6X 40	8	8	8	8				
92	1	172421-73440	SEAL SET	2	2	2	2				
92-1	1	172457-73800	SEAL SET, MOTOR	1	1	1	1				N
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
109	1	26013-100252	BOLT, M10X 25	24	24	24	24				

(1)A package contains 2 floating seals.
1 package par 1 travel motor.

Fig.71. TURNING MOTOR



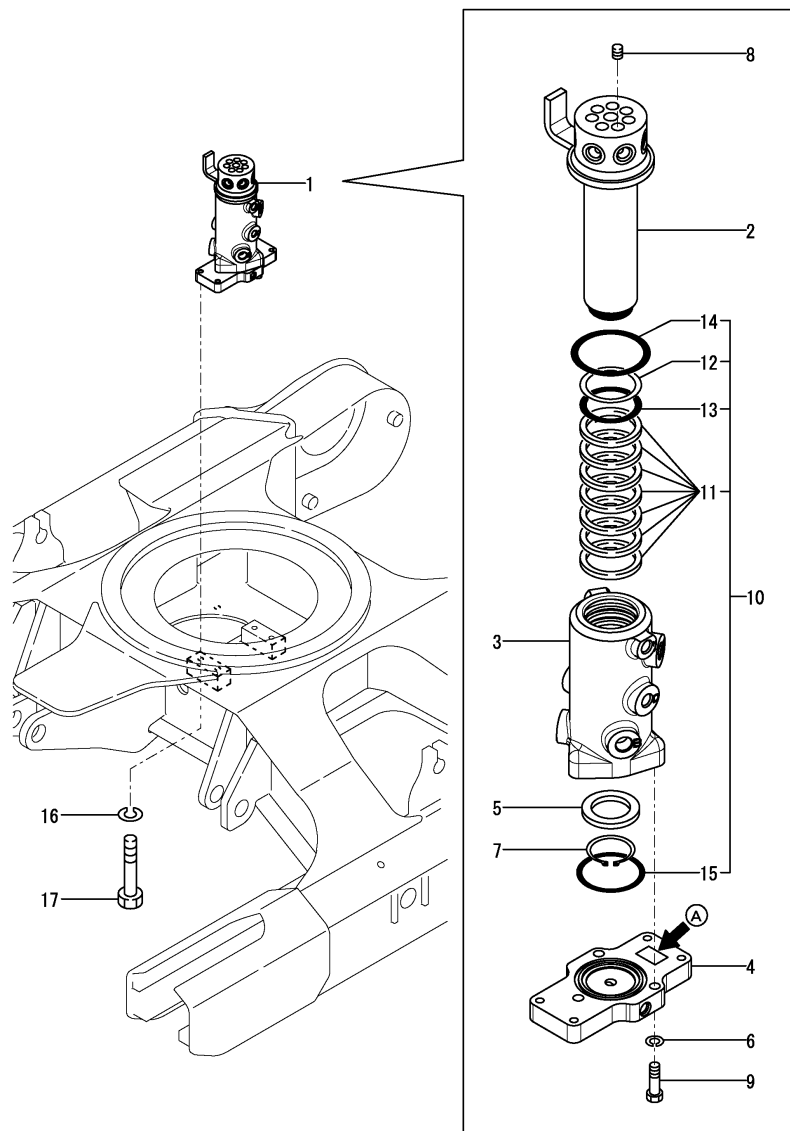
										0CS10-M52701		Fig.71	
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=	
No.	Lev.	Parts No.	Description	Q'ty							I	R	
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172458-73712	MOTOR ASSY, SWING	1	1	1	1						
2	2	172124-70390	BOLT, SOCKET	2	2	2	2						
4	2	1A6240-37360	PLUG	1	1	1	1						
5	2	172450-73830	COLLAR	1	1	1	1						
6	2	172450-73850	WASHER, THRUST	3	3	3	3						
7	2	172450-73860	RACE, INNER	3	3	3	3						
8	2	172450-73870	BEARING, NEEDLE	3	3	3	3						
9	2	172458-73970	GEAR, PLANETARY	3	3	3	3						
10	2	172458-73980	PLATE, THRUST	1	1	1	1						
11	2	172458-73990	GEAR, DRIVE	1	1	1	1						
14	2	172458-74350	HOUSING ASSY	1	1	1	1						
14-1	2	172A45-73720	HOUSING ASSY	1	1	1	1				N		
(A=M53001) (B=M53001) (C=M53001) (D=M53001)													
15	3	172450-73751	SEAL, OIL	1	1	1	1						
28	3	172458-73960	COLLAR	1	1	1	1						
30	2	1A6240-37360	PLUG	2	2	2	2						
32	2	172147-70280	COLLAR	1	1	1	1						
33	2	172148-70301	PLUG	1	1	1	1						
34	2	172147-70330	HOLDER, RETAINER	1	1	1	1						
34-1	2	172147-70331	HOLDER, RETAINER	1	1	1	1				S		
(A=M53045) (B=M53045) (C=M53045) (D=M53045)													
35	2	172124-70380	ORIFICE	1	1	1	1						
36	2	172124-70390	BOLT, SOCKET	5	5	5	5						
37	2	172147-70390	BEARING, BALL	1	1	1	1						
38	2	172147-70500	PLUG	2	2	2	2						
39	2	172122-70630	RING, SNAP	1	1	1	1						
40	2	172122-73470	PIN	1	1	1	1						
41	2	172638-73470	SPRING	2	2	2	2						
42	2	172423-73530	PLATE, RETAINER	1	1	1	1						
43	2	172459-73740	COVER	1	1	1	1						
44	2	172A45-73730	CASE	1	1	1	1						
45	2	172458-74310	BALL BEARING	1	1	1	1						
46	2	172458-74320	SHAFT	1	1	1	1						
47	2	172458-74330	PLATE, VALVE	1	1	1	1						
48	2	172458-74340	VALVE ASSY, RELIEF	2	2	2	2						
53	2	172450-77050	PLATE, THRUST	1	1	1	1						
54	2	172450-77070	SPRING	1	1	1	1						
55	2	172450-77080	WASHER	1	1	1	1						
56	2	172450-77090	PIN	3	3	3	3						
57	2	172450-77110	DISK	1	1	1	1						
58	2	172450-77120	PISTON, BRAKE	1	1	1	1						
59	2	172450-77130	SEAT, SPRING	2	2	2	2						
60	2	172450-77140	SPRING ASSY, DISK	1	1	1	1						
61	2	172450-77170	PIN	2	2	2	2						
62	2	172450-77190	VALVE, CHECK	2	2	2	2						
69	2	172450-77220	BLOCK KIT, CYLINDER	1	1	1	1						
72	1	172455-29140	BOLT	6	6	6	6						
73	1	172458-74910	REPAIR KIT	1	1	1	1						



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73803	JOINT ASSY, SWIVEL	1	1	1	1			Z	1
	(A=M54435)	(B=M54435)	(C=M54435)	(D=M54435)							
2	2	172444-73810	SHAFT ASSY, SWIVEL	1	1	1	1				
3	2	172444-73831	HUB, SWIVEL	1	1	1	1				
4	2	172444-73840	FLANGE, SWIVEL	1	1	1	1				
5	2	172137-73860	SPACER, SWIVEL	1	1	1	1				
6	2	172444-73880	SEAL SET, SWIVEL	1	1	1	1				
7	3	172142-73800	O-RING	1	1	1	1				
8	3	172447-73840	SEAL	7	7	7	7				
9	3	172148-73870	RING, BUCK UP	1	1	1	1				
10	3	24311-000750	O-RING, 1AP75.0	1	1	1	1				
11	3	24321-000700	O-RING, 1AG70.0	1	1	1	1				
12	2	22242-000451	RING, 45	1	1	1	1				
13	2	23871-020000	PLUG, R02	7	7	7	7				
14	2	26013-100352	BOLT, M10X 35	3	3	3	3				
15	1	22217-100000	WASHER, SPRING 10	4	4	4	4				
16	1	26116-100652	BOLT, M10X 65 PLATED	4	4	4	4				

(1)Compatibility by assembly exchange with parts of Fig.122(72A) Ref.No.1.

N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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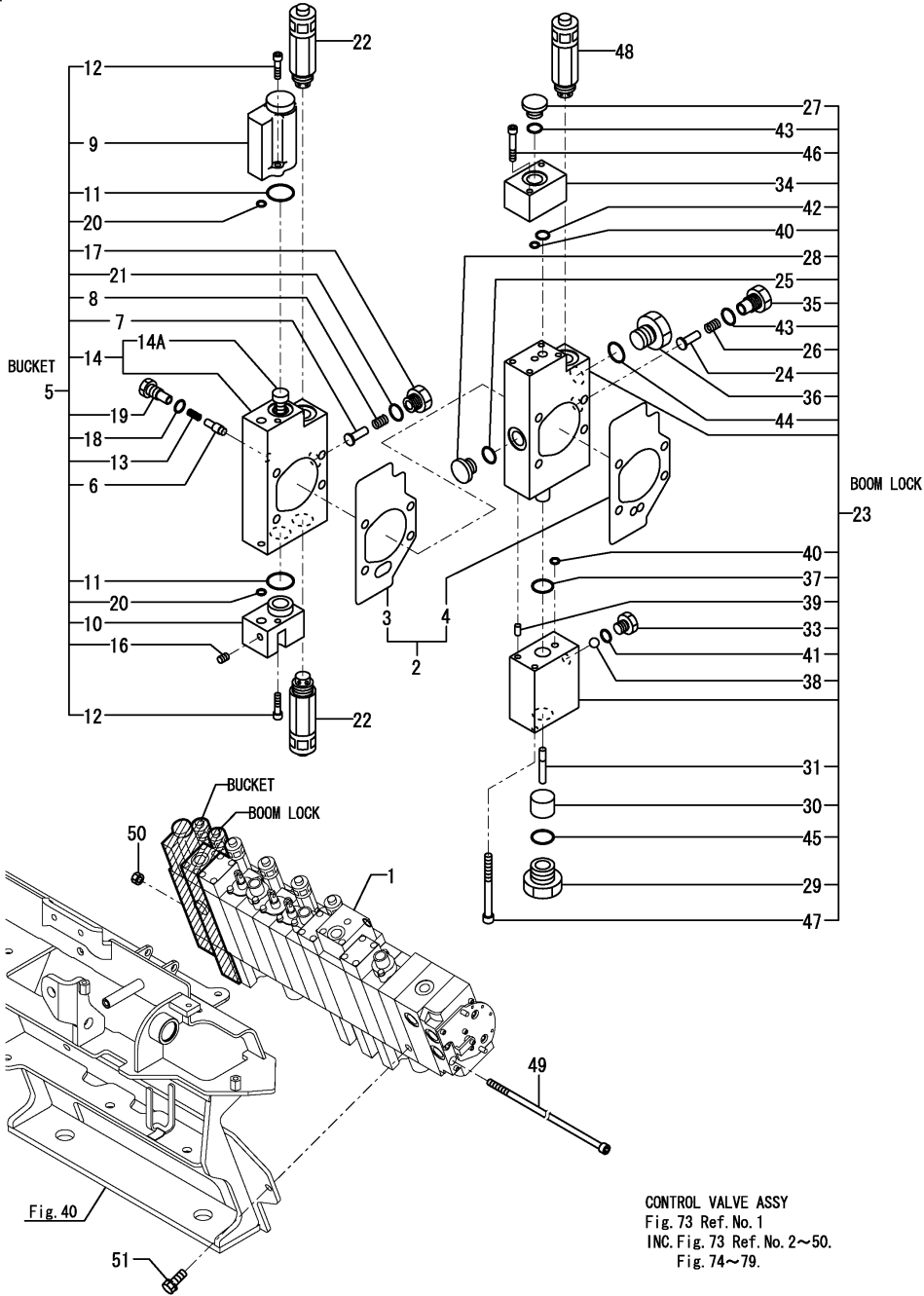
No.	Lev.	Parts No.	Description	Q'ty					I	R
				(A)	(B)	(C)	(D)	(E)	(F)	
1	1	172B02-73800	JOINT ASSY, SWIVEL	1	1	1	1			W 1
		(A=M54435)	(B=M54435)	(C=M54435)	(D=M54435)					
2	2	172B02-73810	SHAFT ASSY, SWIVEL	1	1	1	1			
3	2	172B02-73840	HUB, SWIVEL	1	1	1	1			
4	2	172B02-73850	FLANGE, SWIVEL	1	1	1	1			
5	2	172B02-73860	SPACER, SWIVEL	1	1	1	1			
6	2	22217-100000	WASHER, SPRING 10	3	3	3	3			
7	2	22242-000451	RING, 45	1	1	1	1			
8	2	23871-020000	PLUG, R02	7	7	7	7			
9	2	26076-100352	BOLT, 10.910X 35	3	3	3	3			
10	2	172B02-73900	SEAL KIT, SWIVEL	1	1	1	1			
10-1	2	172B02-73910	SEAL KIT, SWIVEL	1	1	1	1			N
		(A=*2014.04)	(B=*2014.04)	(C=*2014.04)	(D=*2014.04)					
11	3	172B02-73870	SEAL, SWIVEL	7	7	7	7			
11-1	3	172B02-73890	SEAL, SWIVEL	7	7	7	7			N
		(A=*2014.04)	(B=*2014.04)	(C=*2014.04)	(D=*2014.04)					
12	3	172B02-73880	RING, BACKUP T3 55	1	1	1	1			
13	3	24315-000560	O-RING, 1BP56.0	1	1	1	1			
14	3	24315-000750	O-RING, 1BP75.0	1	1	1	1			
15	3	24325-000700	O-RING, 1BG70.0	1	1	1	1			
16	1	22217-100000	WASHER, SPRING 10	4	4	4	4			
17	1	26116-100652	BOLT, M10X 65 PLATED	4	4	4	4			

Remarks
(1)A:'NACHI' Label.

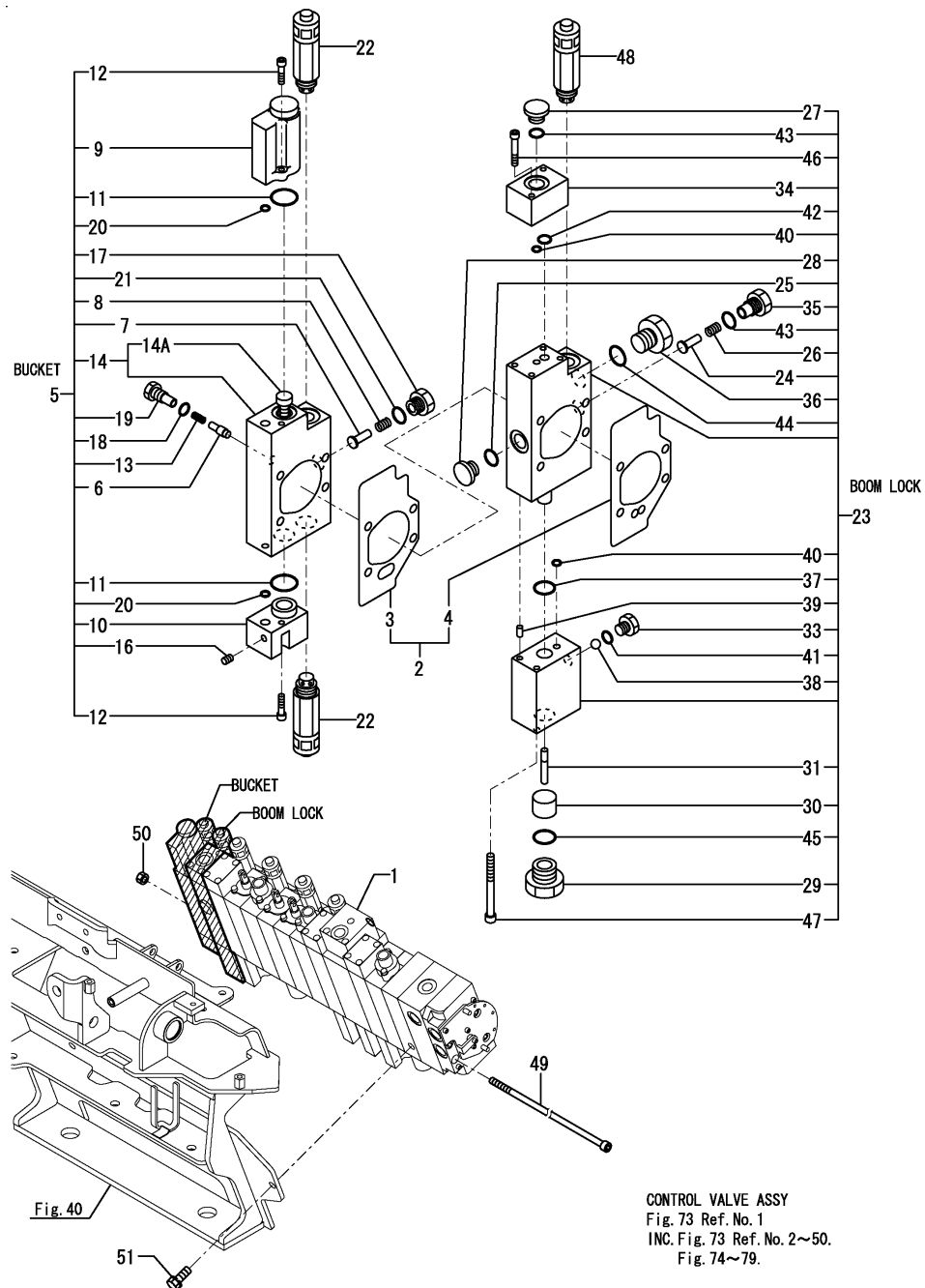
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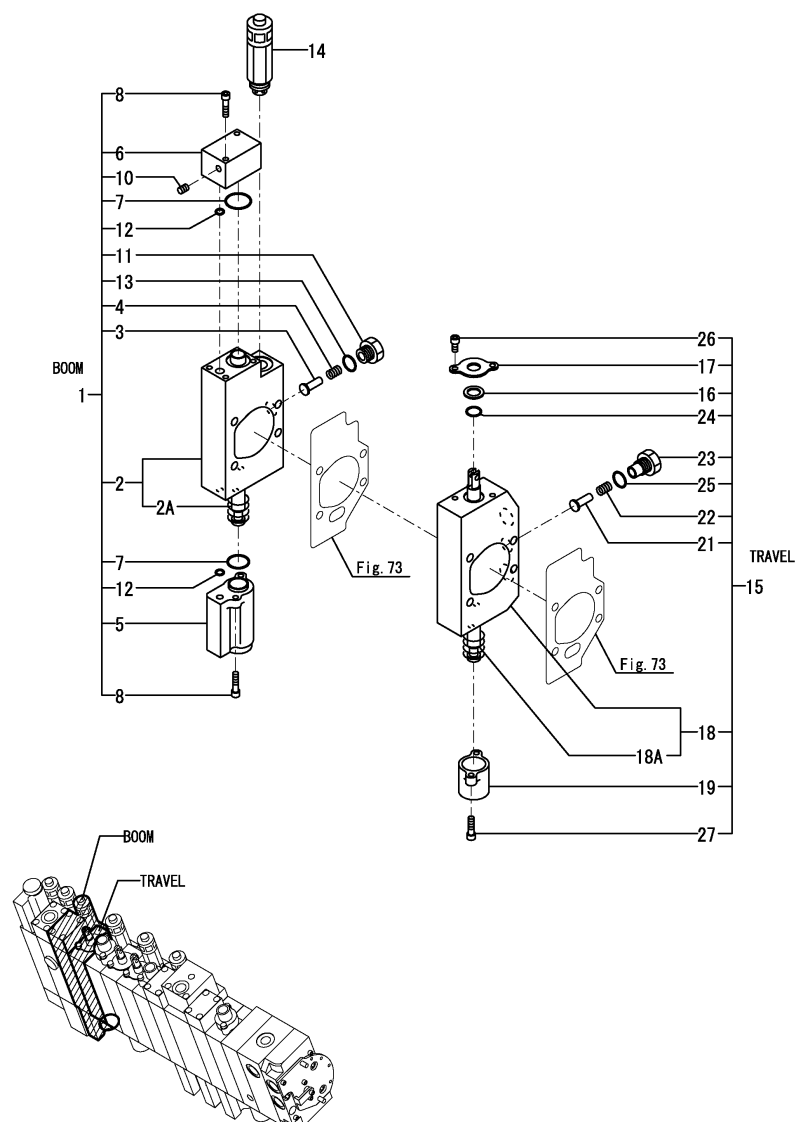
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-74101	VALVE ASSY,CONTROL				1				
1-1	1	172A44-74102	VALVE ASSY,CONTROL				1			N	
(D=M53318)											
2	2	172A46-74330	GASKET SET				1				
3	3	172A47-75430	GASKET				11				
4	3	172A47-75440	GASKET				1				
5	2	172A46-74370	SECTION, BUCKET				1				
6	3	172499-70180	VALVE ASSY, REVERSE				1				
7	3	172458-74150	VALVE, REVERSE				1				
8	3	172458-74160	SPRING, VALVE				1				
9	3	172A47-74220	COVER, PILOT				1				
10	3	172A47-74230	COVER, PILOT				1				
11	3	172458-74230	O-RING				2				
12	3	172458-74260	BOLT				4				
13	3	172173-74280	SPRING				1				
14	3	172A46-74320	SECTION, BUCKET				1				
14A	4	172A46-74310	SPOOL ASSY, BUCKET				1				
16	3	172458-74460	PLUG				1				
17	3	172458-74630	STAY, VALVE				1				
18	3	172A47-74950	O-RING				1				
19	3	172A47-74970	STAY, VALVE				1				
20	3	24311-000060	O-RING, 1AP6.0				2				
21	3	24315-000110	O-RING, 1BP11.0				1				
22	2	172458-74710	VALVE, RELIEF				2				
23	2	172A47-75610	VALVE ASSY				1				
24	3	172499-70180	VALVE ASSY, REVERSE				1				
25	3	172A47-74270	O-RING				1				
26	3	172173-74280	SPRING				1				
27	3	172183-74350	PLUG				1				
28	3	172A47-74460	PLUG				1				
29	3	172A47-74560	BUSH PF1/2X1/4				1				
30	3	172A47-74570	PISTON B				1				
31	3	172A47-74580	PISTON A1				1				
33	3	172A47-74920	HOLDER, BALL				1				
34	3	172A47-74930	BODY, DISCHARGE				1				
35	3	172A47-74970	STAY, VALVE				1				
36	3	172A47-75620	STAY, VALVE				1				
37	3	172A47-75680	O-RING				1				
38	3	172A47-75690	BALL, STEEL				1				
39	3	22312-050100	PIN, PARALLEL M5X10				2				
40	3	24311-000060	O-RING, 1AP6.0				2				
41	3	24315-000080	O-RING, 1BP8.0				1				
42	3	24315-000100	O-RING, 1BP10.0				1				
43	3	24315-000110	O-RING, 1BP11.0				2				
44	3	24315-000140	O-RING, 1BP14.0				1				
45	3	24315-000180	O-RING, 1BP18.0				1				
46	3	26450-050302	BOLT, M5X 30				2				
47	3	26450-060652	BOLT, M6X 65				2				
48	2	172456-74440	VALVE, RELIEF				1				
49	2	172A47-75450	BOLT				4				
50	2	26716-080002	NUT, M8				4				

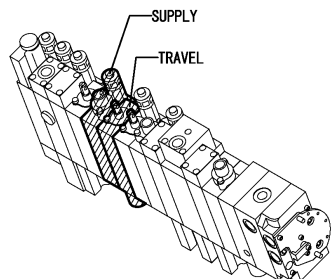
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74121	SECTION, BOOM				1				
2	3	172A44-74280	SECTION, BOOM				1				
2A	4	172A44-74131	SPOOL ASSY, BOOM				1				
3	3	172458-74150	VALVE, REVERSE				1				
4	3	172458-74160	SPRING, VALVE				1				
5	3	172A47-74220	COVER, PILOT				1				
6	3	172A47-74230	COVER, PILOT				1				
7	3	172458-74230	O-RING				2				
8	3	172458-74260	BOLT				4				
10	3	172458-74460	PLUG				1				
11	3	172458-74630	STAY, VALVE				1				
12	3	24311-000060	O-RING, 1AP6.0				2				
13	3	24315-000110	O-RING, 1BP11.0				1				
13-1	3	41851-000110	O-RING				1				N
			(D=M53092)								
14	2	172447-74221	VALVE ASSY, RELIEF				1				
15	2	172A44-74140	SECTION, TRAVEL				1				
15-1	2	172A44-74141	SECTION, TRAVEL				1				N
			(D=M53318)								
16	3	172458-74130	WIPER, DUST				1				
17	3	172458-74140	RETAINER, SEAL				1				
18	3	172A44-74270	SECTION ASSY, TRAVEL				1				
18A	4	172A44-74150	SPOOL ASSY, TRAVEL				1				
19	3	172458-74170	CAP, SPRING				1				
19-1	3	172A78-74170	CAP, SPRING				1				N
			(D=M53318)								
21	3	172458-74290	VALVE, REVERSE				1				
22	3	172458-74360	SPRING, VALVE				1				
23	3	172458-74640	STAY, VALVE				1				
24	3	24311-000120	O-RING, 1AP12.0				1				
25	3	24315-000110	O-RING, 1BP11.0				1				
25-1	3	41851-000110	O-RING				1				N
			(D=M53092)								
26	3	26450-050102	BOLT, M5X 10				2				
27	3	26450-050182	BOLT, M5X 18				2				

* Control valve assy is shown in Fig.73.

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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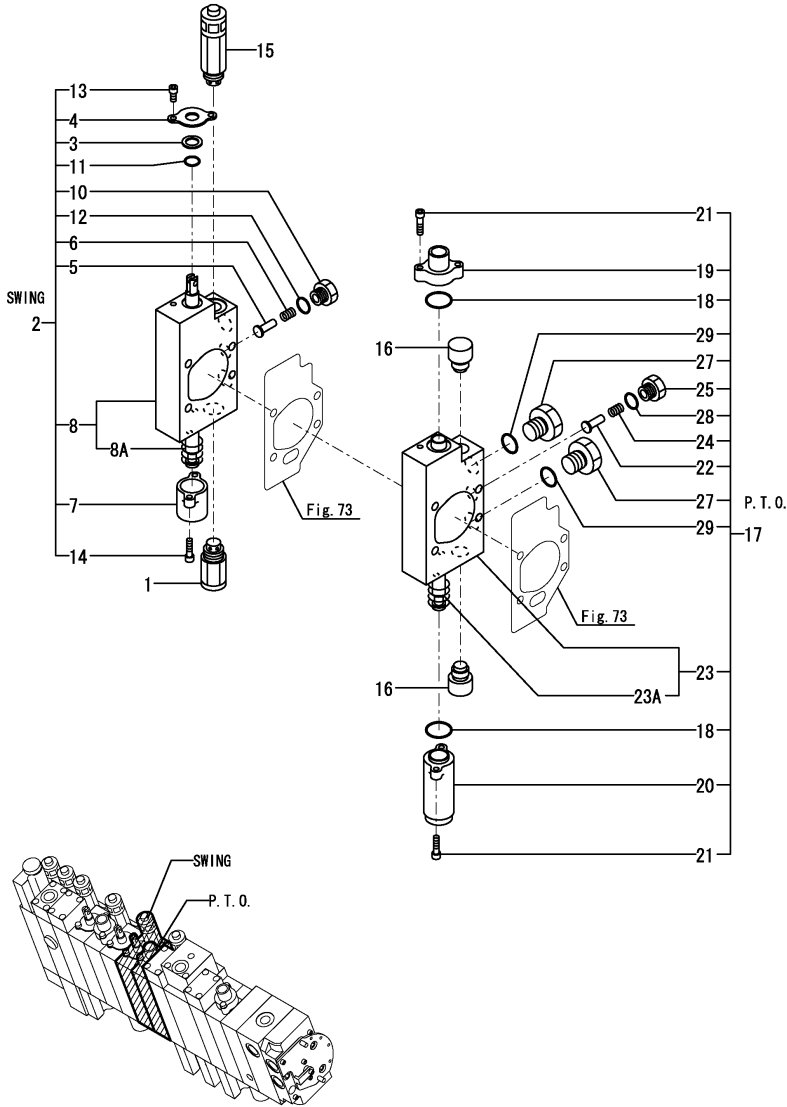


* Control valve assy is shown in Fig.73.

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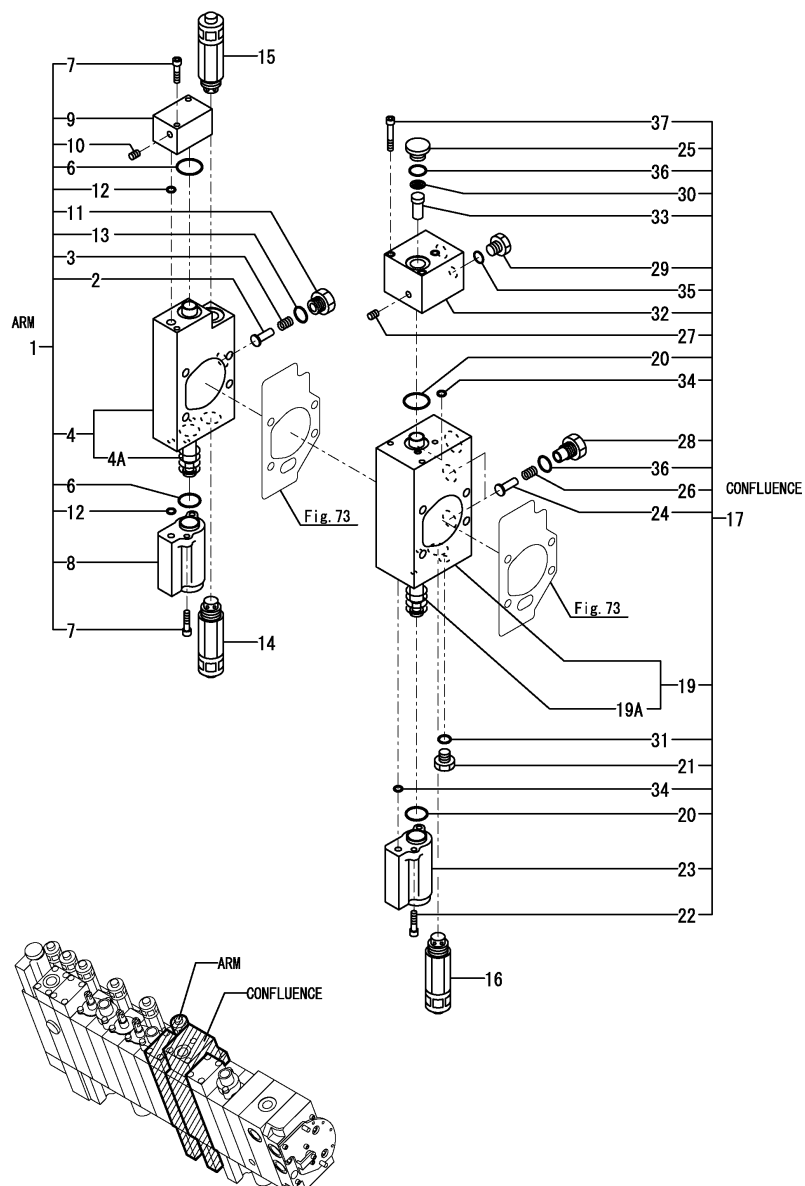
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172447-74230	ANTI-CAVITATION				1				
2	2	172A46-74430	SECTION, SWING				1				
2-1	2	172A46-74431	SECTION, SWING				1			N	
(D=M53318)											
3	3	172458-74130	WIPER, DUST				1				
4	3	172458-74140	RETAINER, SEAL				1				
5	3	172458-74150	VALVE, REVERSE				1				
6	3	172458-74160	SPRING, VALVE				1				
7	3	172458-74170	CAP, SPRING				1				
7-1	3	172A78-74170	CAP, SPRING				1			N	
(D=M53318)											
8	3	172A46-74220	SWING SECTION SUB				1				
8A	4	172A46-74210	SPOOL ASSY, SWING				1				
10	3	172458-74630	STAY, VALVE				1				
11	3	24311-000120	O-RING, 1AP12.0				1				
12	3	24315-000110	O-RING, 1BP11.0				1				
13	3	26450-050102	BOLT, M5X 10				2				
14	3	26450-050182	BOLT, M5X 18				2				
15	2	172458-74710	VALVE, RELIEF				1				
16	2	172A47-75460	PLUG ASSY, VALVE				2				
17	2	172A47-75550	SECTION, PTO				1				
18	3	172458-74230	O-RING				2				
19	3	172458-74240	COVER, PILOT				1				
20	3	172458-74250	COVER, PILOT				1				
21	3	172458-74260	BOLT				4				
22	3	172490-74310	VALVE, REVERSE				1				
23	3	172A47-74470	PTO SECTION ASSY				1				
23A	4	172A47-74320	SPOOL ASSY, PTO				1				
24	3	172490-74320	SPRING, VALVE				1				
25	3	172490-74330	STAY, VALVE				1				
27	3	172458-74650	STAY, VALVE				2				
28	3	24315-000110	O-RING, 1BP11.0				1				
29	3	24315-000140	O-RING, 1BP14.0				2				

Remarks
* Control valve assy is shown in Fig.73.



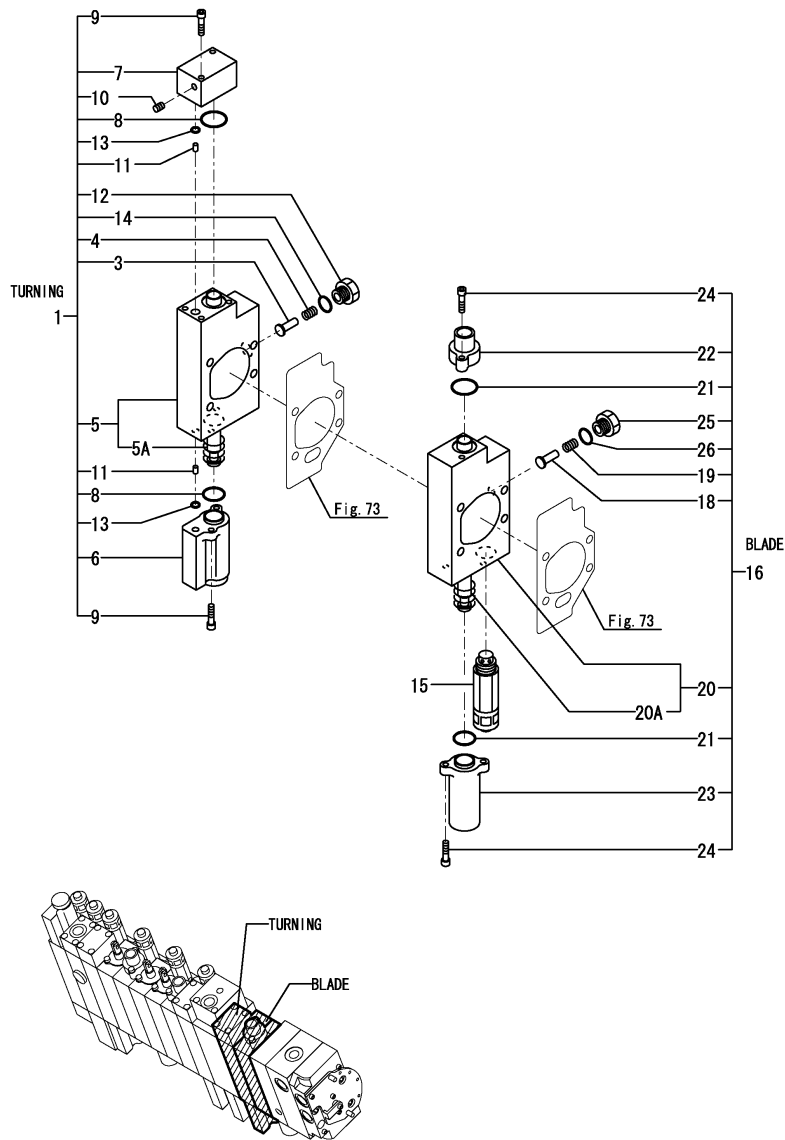
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74171	SECTION, ARM				1				
2	3	172458-74150	VALVE, REVERSE				1				
3	3	172458-74160	SPRING, VALVE				1				
4	3	172A44-74250	SECTION, ARM				1				
4A	4	172A44-74181	SPOOL ASSY, ARM				1				
6	3	172458-74230	O-RING				2				
7	3	172458-74260	BOLT				4				
8	3	172A47-74280	COVER, PILOT				1				
9	3	172A47-74300	COVER, PILOT				1				
10	3	172458-74460	PLUG				1				
11	3	172458-74630	STAY, VALVE				1				
12	3	24311-000060	O-RING, 1AP6.0				2				
13	3	24315-000110	O-RING, 1BP11.0				1				
13-1	3	41851-000110	O-RING				1			N	
(D=M53092)											
14	2	172447-74221	VALVE ASSY, RELIEF				1				
15	2	172458-74710	VALVE, RELIEF				1				
16	2	172A45-74130	VALVE ASSY, RELIEF				1				
17	2	172A44-74190	SECTION				1				
19	3	172A44-74240	SECTION ASSY				1				
19A	4	172A44-74200	SPOOL ASSY				1				
20	3	172458-74230	O-RING				2				
21	3	172A47-74260	PLUG				1				
22	3	172458-74260	BOLT				2				
23	3	172A47-74280	COVER, PILOT				1				
24	3	172458-74290	VALVE, REVERSE				2				
25	3	172183-74350	PLUG				1				
26	3	172458-74360	SPRING, VALVE				2				
27	3	172458-74460	PLUG				2				
28	3	172458-74640	STAY, VALVE				2				
29	3	172458-74670	PLUG				1				
30	3	172499-74860	FILTER				1				
31	3	172A47-74950	O-RING				1				
32	3	172A47-74960	BODY, PILOT				1				
33	3	172499-74960	PLUG				1				
34	3	24311-000060	O-RING, 1AP6.0				2				
35	3	24315-000080	O-RING, 1BP8.0				1				
36	3	24315-000110	O-RING, 1BP11.0				3				
36-1	3	41851-000110	O-RING				3			N	
(D=M53092)											
37	3	26450-050452	BOLT, M5X 45				3				

* Control valve assy is shown in Fig.73.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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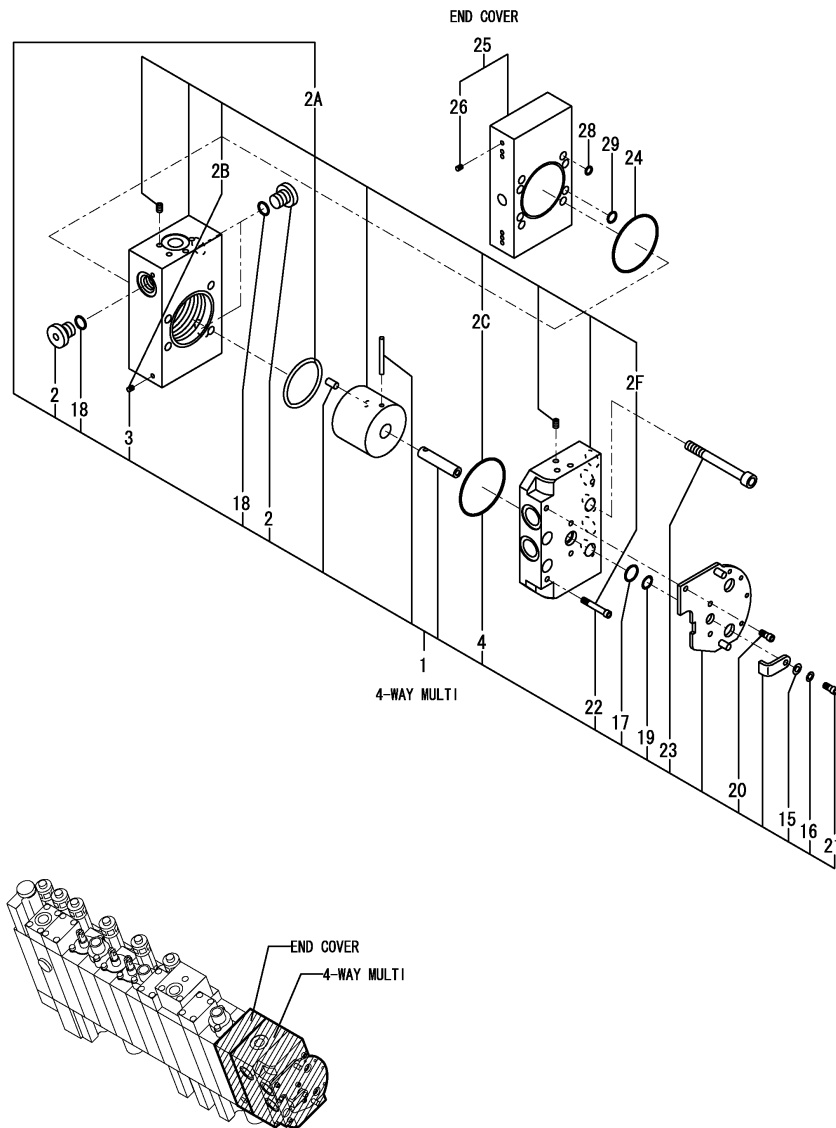
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74211	SECTION, SWING				1				
3	3	172458-74150	VALVE, REVERSE				1				
4	3	172458-74160	SPRING, VALVE				1				
5	3	172A44-74230	SECTION ASSY				1				
5A	4	172A44-74221	SPOOL ASSY, SWING				1				
6	3	172A47-74220	COVER, PILOT				1				
7	3	172A47-74230	COVER, PILOT				1				
8	3	172458-74230	O-RING				2				
9	3	172458-74260	BOLT				4				
10	3	172458-74460	PLUG				1				
11	3	172A46-74480	THROTTLE				2				
12	3	172458-74630	STAY, VALVE				1				
13	3	24311-000060	O-RING, 1AP6.0				2				
14	3	24315-000110	O-RING, 1BP11.0				1				
14-1	3	41851-000110	O-RING				1			N	
(D=M53092)											
15	2	172458-74700	VALVE, RELIEF				1				
16	2	172A47-75591	SECTION, BLADE				1				
18	3	172458-74150	VALVE, REVERSE				1				
19	3	172458-74160	SPRING, VALVE				1				
20	3	172A47-74421	SECTION ASSY, BLADE				1				
20A	4	172A47-75671	SPOOL ASSY, BLADE				1				
21	3	172458-74230	O-RING				2				
22	3	172458-74240	COVER, PILOT				1				
23	3	172458-74250	COVER, PILOT				1				
24	3	172458-74260	BOLT				4				
25	3	172458-74630	STAY, VALVE				1				
26	3	24315-000110	O-RING, 1BP11.0				1				

Remarks
* Control valve assy is shown in Fig.73.



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A47-74200	VALVE				1				
2	3	172183-74350	PLUG				3				
2A	3	172A47-75900	BODY 4WAY KIT				1				W
			(D=M53318)								
2B	4	172458-74460	PLUG				2				
2C	4	172A47-75420	O-RING				1				
2F	4	26450-050302	BOLT, M5X 30				2				
3	3	172458-74460	PLUG				2				Z
			(D=M53318)								
4	3	172A47-75420	O-RING				1				Z
			(D=M53318)								
15	3	22137-050000	WASHER, 5				1				
16	3	22217-050000	WASHER, SPRING 5				1				
17	3	24311-240100	O-RING, 1AP10A				1				
18	3	24315-000110	O-RING, 1BP11.0				3				
18-1	3	41851-000110	O-RING				3				N
			(D=M53092)								
19	3	24373-240100	RING, BACK UP T3P10A				1				
20	3	26450-050102	BOLT, M5X 10				3				
21	3	26450-050102	BOLT, M5X 10				1				
22	3	26450-050302	BOLT, M5X 30				2				Z
			(D=M53318)								
23	3	26450-080752	BOLT, M8X 75				4				
24	2	172A47-75420	O-RING				1				
25	2	172A47-75600	COVER ASSY, END				1				
26	3	172458-74460	PLUG				8				
28	2	24311-000060	O-RING, 1AP6.0				7				
29	2	24311-000090	O-RING, 1AP9.0				2				

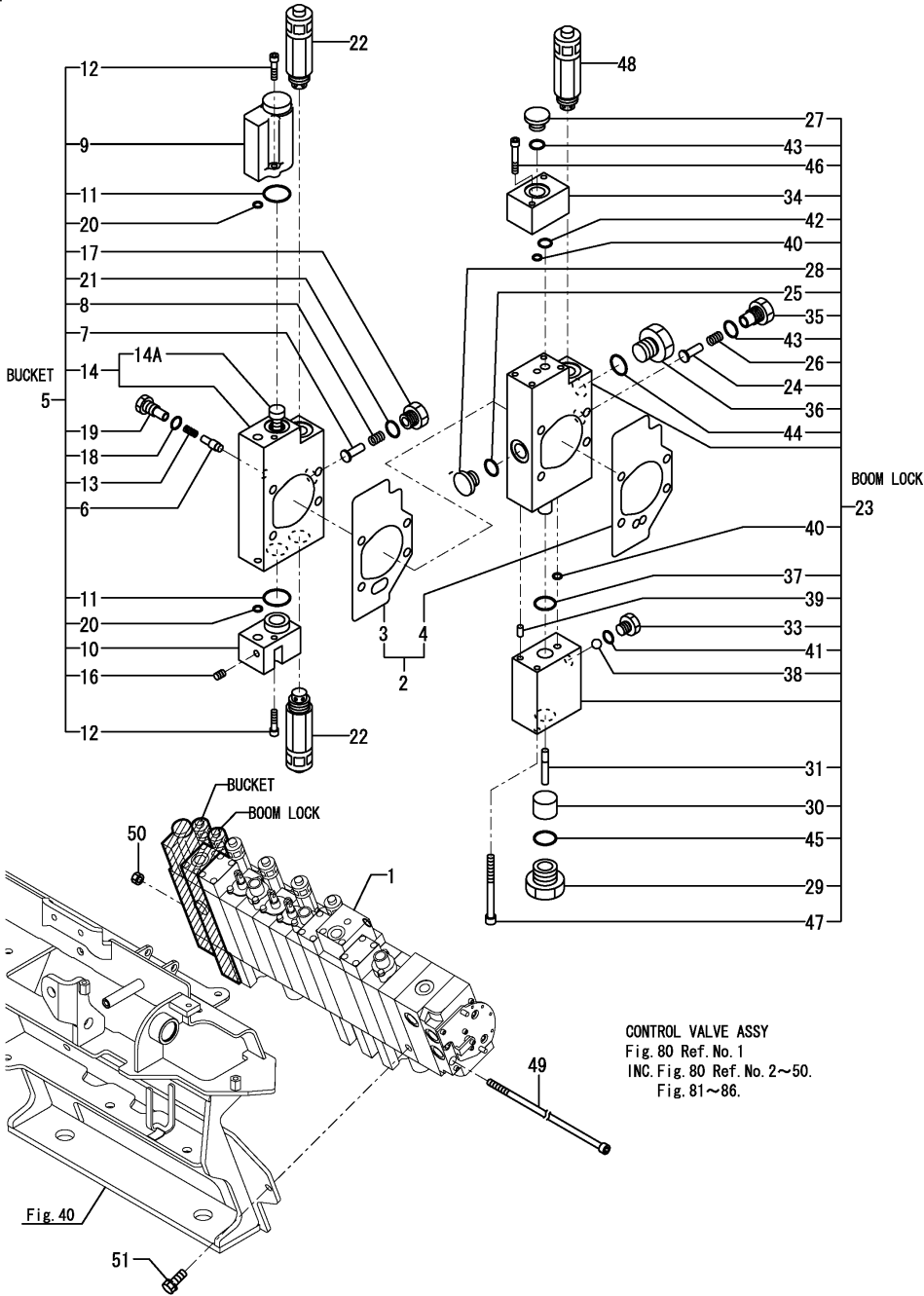
* Control valve assy is shown in Fig.73.

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.80. CONTROL VALVE(US,AS,NZ:1/7)

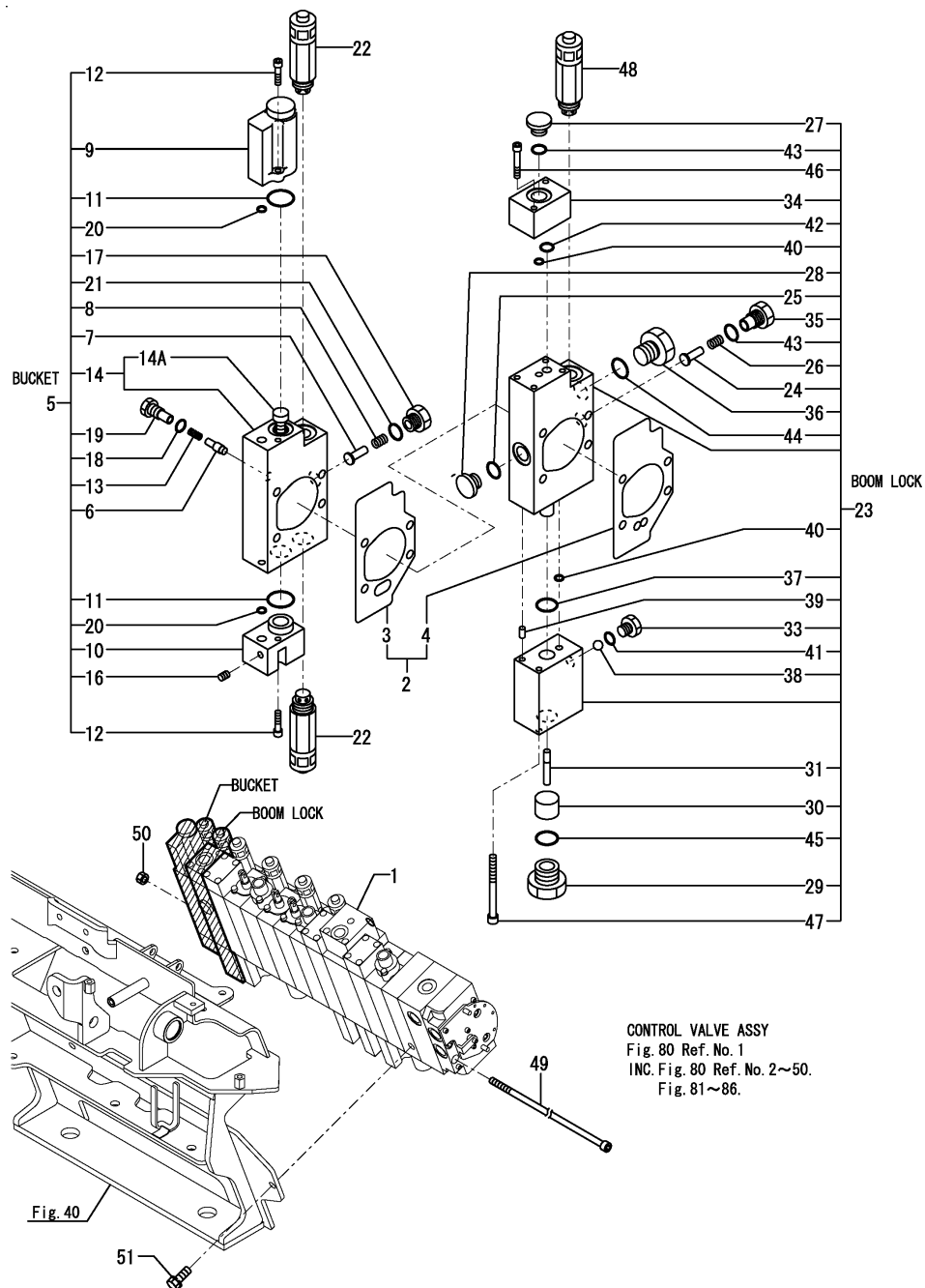
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

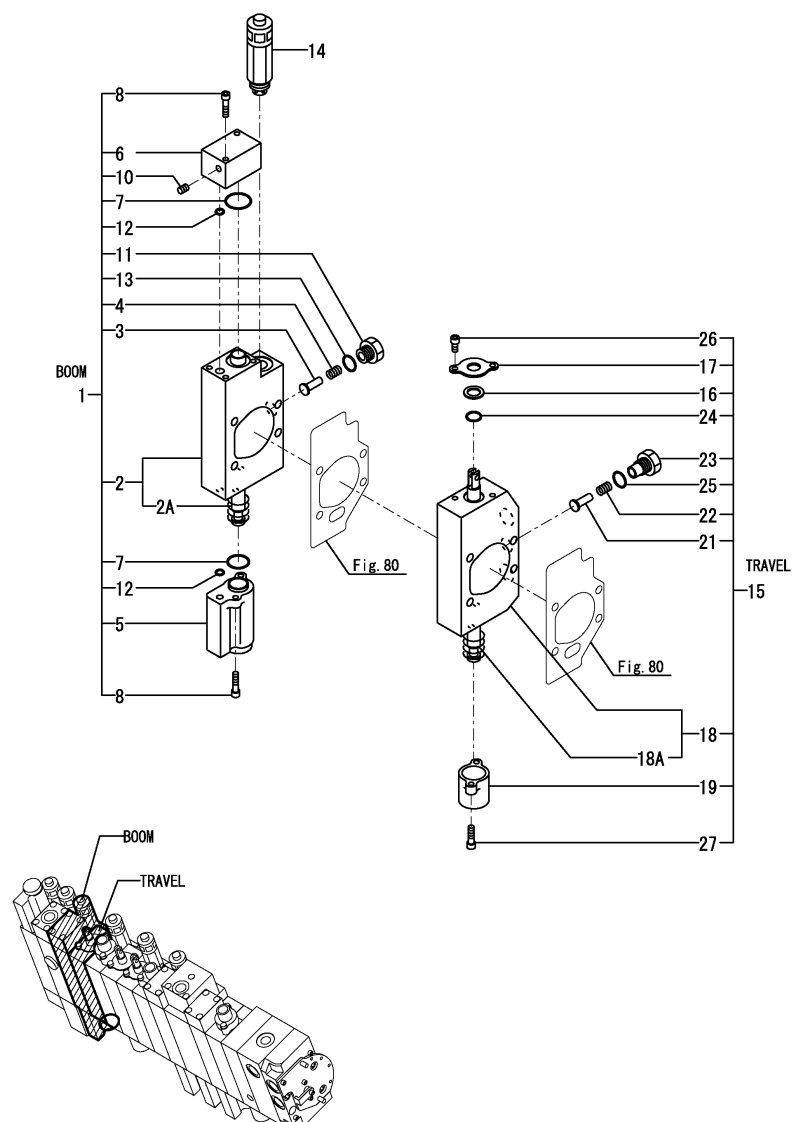


CONTROL VALVE ASSY
Fig. 80 Ref. No. 1
INC. Fig. 80 Ref. No. 2~50.
Fig. 81~86.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-74111	VALVE ASSY, CONTROL	1	1	1					
1-1	1	172A44-74112	VALVE ASSY, CONTROL	1	1	1				N	
(A=M53516) (B=M53516) (C=M53516)											
2	2	172A46-74330	GASKET SET	1	1	1					
3	3	172A47-75430	GASKET	11	11	11					
4	3	172A47-75440	GASKET	1	1	1					
5	2	172A46-74370	SECTION, BUCKET	1	1	1					
6	3	172499-70180	VALVE ASSY, REVERSE	1	1	1					
7	3	172458-74150	VALVE, REVERSE	1	1	1					
8	3	172458-74160	SPRING, VALVE	1	1	1					
9	3	172A47-74220	COVER, PILOT	1	1	1					
10	3	172A47-74230	COVER, PILOT	1	1	1					
11	3	172458-74230	O-RING	2	2	2					
12	3	172458-74260	BOLT	4	4	4					
13	3	172173-74280	SPRING	1	1	1					
14	3	172A46-74320	SECTION, BUCKET	1	1	1					
14A	4	172A46-74310	SPOOL ASSY, BUCKET	1	1	1					
16	3	172458-74460	PLUG	1	1	1					
17	3	172458-74630	STAY, VALVE	1	1	1					
18	3	172A47-74950	O-RING	1	1	1					
19	3	172A47-74970	STAY, VALVE	1	1	1					
20	3	24311-000060	O-RING, 1AP6.0	2	2	2					
21	3	24315-000110	O-RING, 1BP11.0	1	1	1					
22	2	172458-74710	VALVE, RELIEF	2	2	2					
23	2	172A47-75610	VALVE ASSY	1	1	1					
24	3	172499-70180	VALVE ASSY, REVERSE	1	1	1					
25	3	172A47-74270	O-RING	1	1	1					
26	3	172173-74280	SPRING	1	1	1					
27	3	172183-74350	PLUG	1	1	1					
28	3	172A47-74460	PLUG	1	1	1					
29	3	172A47-74560	BUSH PF1/2X1/4	1	1	1					
30	3	172A47-74570	PISTON B	1	1	1					
31	3	172A47-74580	PISTON A1	1	1	1					
33	3	172A47-74920	HOLDER, BALL	1	1	1					
34	3	172A47-74930	BODY, DISCHARGE	1	1	1					
35	3	172A47-74970	STAY, VALVE	1	1	1					
36	3	172A47-75620	STAY, VALVE	1	1	1					
37	3	172A47-75680	O-RING	1	1	1					
38	3	172A47-75690	BALL, STEEL	1	1	1					
39	3	22312-050100	PIN, PARALLEL M5X10	2	2	2					
40	3	24311-000060	O-RING, 1AP6.0	2	2	2					
41	3	24315-000080	O-RING, 1BP8.0	1	1	1					
42	3	24315-000100	O-RING, 1BP10.0	1	1	1					
43	3	24315-000110	O-RING, 1BP11.0	2	2	2					
44	3	24315-000140	O-RING, 1BP14.0	1	1	1					
45	3	24315-000180	O-RING, 1BP18.0	1	1	1					
46	3	26450-050302	BOLT, M5X 30	2	2	2					
47	3	26450-060652	BOLT, M6X 65	2	2	2					
48	2	172456-74440	VALVE, RELIEF	1	1	1					
49	2	172A47-75450	BOLT	4	4	4					
50	2	26716-080002	NUT, M8	4	4	4					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
51	1	26013-100162	BOLT, M10X 16	3	3	3					



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74121	SECTION, BOOM	1	1	1					
2	3	172A44-74280	SECTION, BOOM	1	1	1					
2A	4	172A44-74131	SPOOL ASSY, BOOM	1	1	1					
3	3	172458-74150	VALVE, REVERSE	1	1	1					
4	3	172458-74160	SPRING, VALVE	1	1	1					
5	3	172A47-74220	COVER, PILOT	1	1	1					
6	3	172A47-74230	COVER, PILOT	1	1	1					
7	3	172458-74230	O-RING	2	2	2					
8	3	172458-74260	BOLT	4	4	4					
10	3	172458-74460	PLUG	1	1	1					
11	3	172458-74630	STAY, VALVE	1	1	1					
12	3	24311-000060	O-RING, 1AP6.0	2	2	2					
13	3	24315-000110	O-RING, 1BP11.0	1	1	1					
13-1	3	41851-000110	O-RING	1	1	1					N
		(A=M53092)	(B=M53092)	(C=M53092)							
14	2	172447-74221	VALVE ASSY, RELIEF	1	1	1					
15	2	172A44-74140	SECTION, TRAVEL	1	1	1					
15-1	2	172A44-74141	SECTION, TRAVEL	1	1	1					N
		(A=M53516)	(B=M53516)	(C=M53516)							
16	3	172458-74130	WIPER, DUST	1	1	1					
17	3	172458-74140	RETAINER, SEAL	1	1	1					
18	3	172A44-74270	SECTION ASSY, TRAVEL	1	1	1					
18A	4	172A44-74150	SPOOL ASSY, TRAVEL	1	1	1					
19	3	172458-74170	CAP, SPRING	1	1	1					
19-1	3	172A78-74170	CAP, SPRING	1	1	1					N
		(A=M53516)	(B=M53516)	(C=M53516)							
21	3	172458-74290	VALVE, REVERSE	1	1	1					
22	3	172458-74360	SPRING, VALVE	1	1	1					
23	3	172458-74640	STAY, VALVE	1	1	1					
24	3	24311-000120	O-RING, 1AP12.0	1	1	1					
25	3	24315-000110	O-RING, 1BP11.0	1	1	1					
25-1	3	41851-000110	O-RING	1	1	1					N
		(A=M53092)	(B=M53092)	(C=M53092)							
26	3	26450-050102	BOLT, M5X 10	2	2	2					
27	3	26450-050182	BOLT, M5X 18	2	2	2					

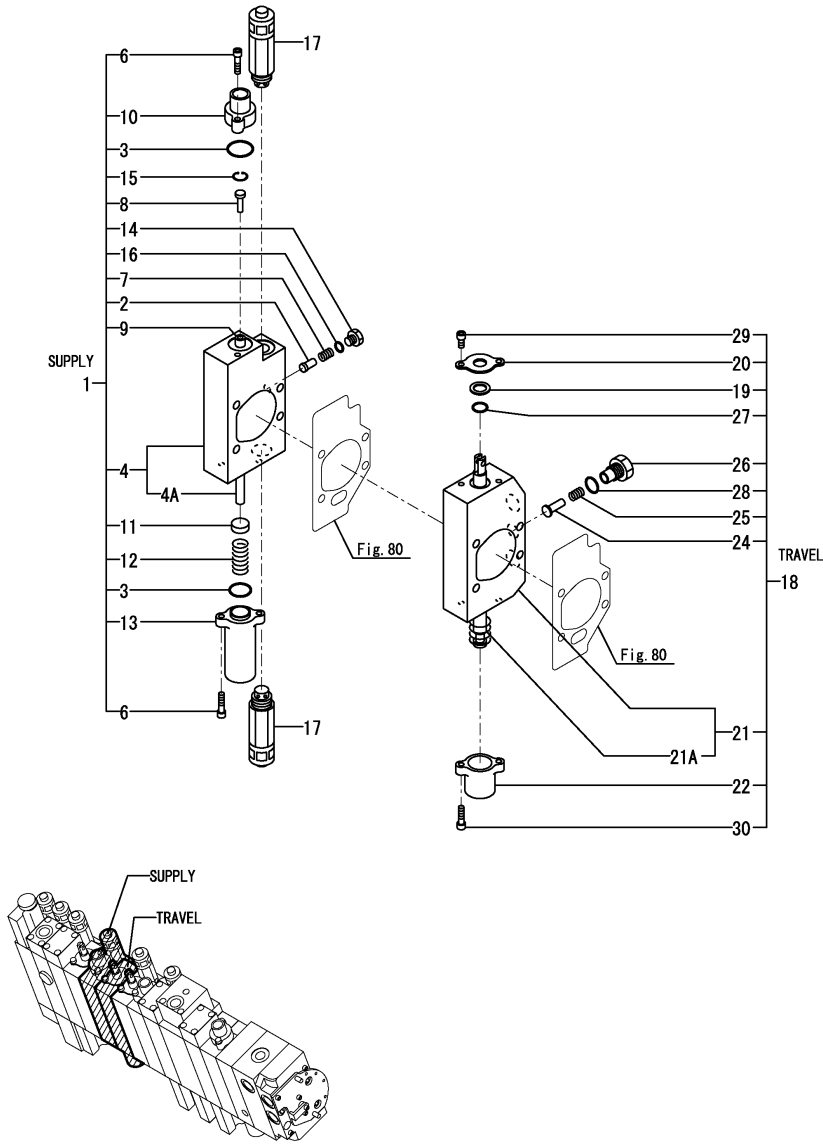
* Control valve assy is shown in Fig.80.

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

Fig.82. CONTROL VALVE(US,AS,NZ:3/7)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



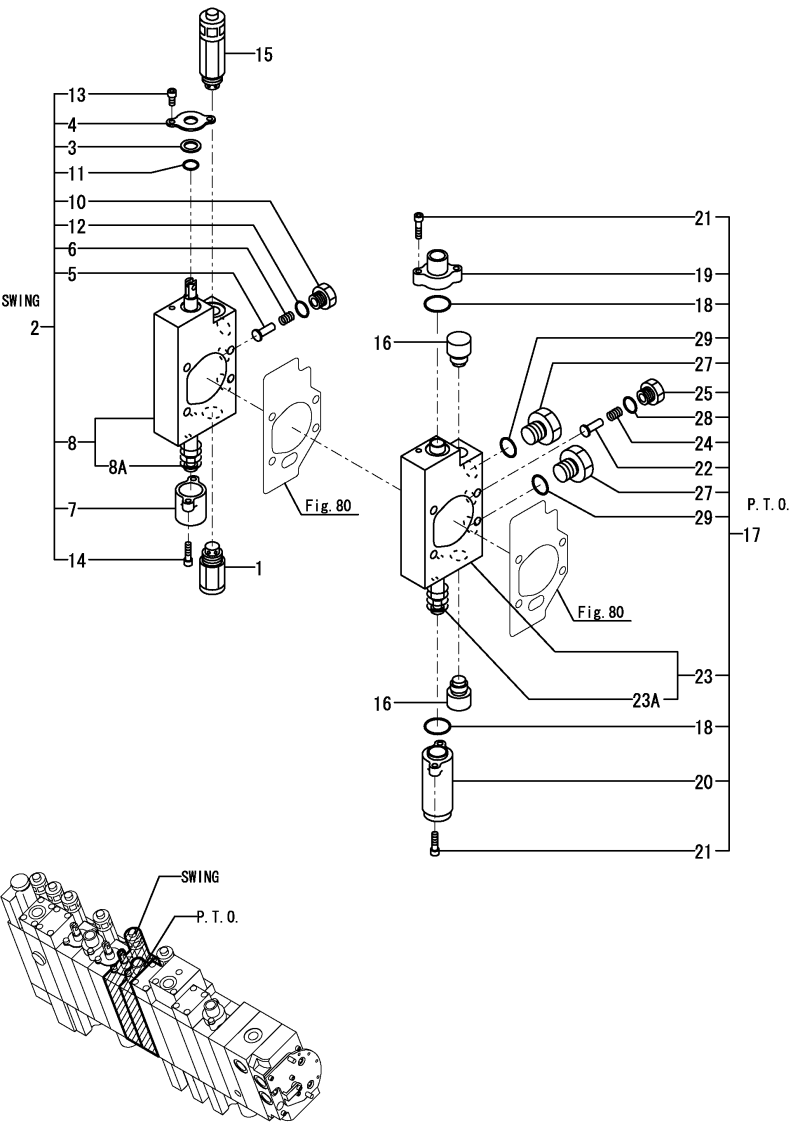
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A46-74410	VALVE	1	1	1					
2	3	172499-70180	VALVE ASSY, REVERSE	1	1	1					
3	3	172458-74230	O-RING	2	2	2					
4	3	172A46-74260	INLET SECTION SUB	1	1	1					
4A	4	172A46-74250	SPOOL ASSY, INLET	1	1	1					
6	3	172458-74260	BOLT	4	4	4					
7	3	172173-74280	SPRING	1	1	1					
8	3	172A47-74360	FILTER	1	1	1					
9	3	172A47-74370	PISTON	1	1	1					
10	3	172A47-74380	COVER, PILOT	1	1	1					
11	3	172458-74530	SEAT, SPRING	1	1	1					
12	3	172458-74540	SPRING, RETURN	1	1	1					
13	3	172458-74550	COVER, PILOT	1	1	1					
14	3	172458-74670	PLUG	1	1	1					
15	3	172A47-74980	CIRCLIP	1	1	1					
16	3	24315-000080	O-RING, 1BP8.0	1	1	1					
17	2	172458-74680	VALVE, RELIEF	2	2	2					
17-1	2	172A85-74680	RELIEF 210/30	2	2	2					N
(A=M53516) (B=M53516) (C=M53516)											
18	2	172A44-74160	SECTION, TRAVEL	1	1	1					
18-1	2	172A44-74161	SECTION, TRAVEL	1	1	1					N
(A=M53516) (B=M53516) (C=M53516)											
19	3	172458-74130	WIPER, DUST	1	1	1					
20	3	172458-74140	RETAINER, SEAL	1	1	1					
21	3	172A44-74260	SECTION ASSY, TRAVEL	1	1	1					
21A	4	172A44-74150	SPOOL ASSY, TRAVEL	1	1	1					
22	3	172458-74170	CAP, SPRING	1	1	1					
22-1	3	172A78-74170	CAP, SPRING	1	1	1					N
(A=M53516) (B=M53516) (C=M53516)											
24	3	172458-74290	VALVE, REVERSE	1	1	1					
25	3	172458-74360	SPRING, VALVE	1	1	1					
26	3	172458-74640	STAY, VALVE	1	1	1					
27	3	24311-000120	O-RING, 1AP12.0	1	1	1					
28	3	24315-000110	O-RING, 1BP11.0	1	1	1					
28-1	3	41851-000110	O-RING	1	1	1					N
(A=M53092) (B=M53092) (C=M53092)											
29	3	26450-050102	BOLT, M5X 10	2	2	2					
30	3	26450-050182	BOLT, M5X 18	2	2	2					

Remarks
* Control valve assy is shown in Fig.80.

Fig.83. CONTROL VALVE(US,AS,NZ:4/7)

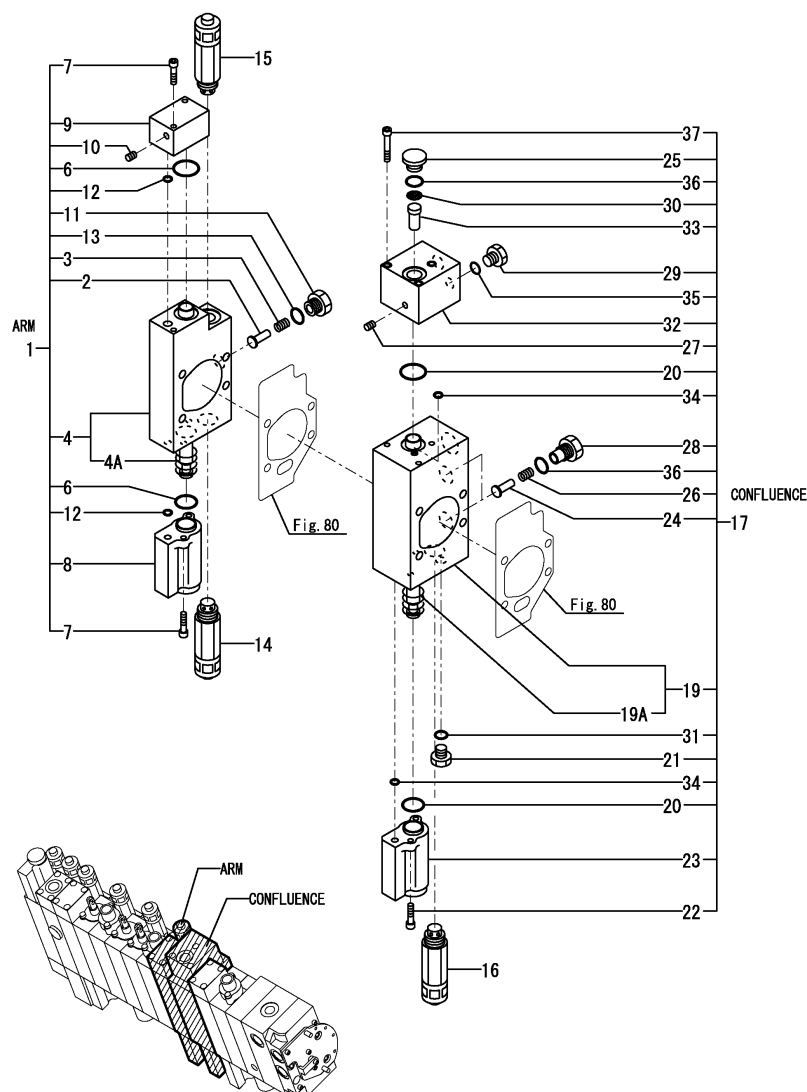
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172447-74230	ANTI-CAVITATION	1	1	1					
2	2	172A46-74430	SECTION, SWING	1	1	1					
2-1	2	172A46-74431	SECTION, SWING	1	1	1					N
(A=M53516) (B=M53516) (C=M53516)											
3	3	172458-74130	WIPER, DUST	1	1	1					
4	3	172458-74140	RETAINER, SEAL	1	1	1					
5	3	172458-74150	VALVE, REVERSE	1	1	1					
6	3	172458-74160	SPRING, VALVE	1	1	1					
7	3	172458-74170	CAP, SPRING	1	1	1					
7-1	3	172A78-74170	CAP, SPRING	1	1	1					N
(A=M53516) (B=M53516) (C=M53516)											
8	3	172A46-74220	SWING SECTION SUB	1	1	1					
8A	4	172A46-74210	SPOOL ASSY, SWING	1	1	1					
10	3	172458-74630	STAY, VALVE	1	1	1					
11	3	24311-000120	O-RING, 1AP12.0	1	1	1					
12	3	24315-000110	O-RING, 1BP11.0	1	1	1					
13	3	26450-050102	BOLT, M5X 10	2	2	2					
14	3	26450-050182	BOLT, M5X 18	2	2	2					
15	2	172458-74710	VALVE, RELIEF	1	1	1					
16	2	172A47-75460	PLUG ASSY, VALVE	2	2	2					
17	2	172A47-75550	SECTION, PTO	1	1	1					
18	3	172458-74230	O-RING	2	2	2					
19	3	172458-74240	COVER, PILOT	1	1	1					
20	3	172458-74250	COVER, PILOT	1	1	1					
21	3	172458-74260	BOLT	4	4	4					
22	3	172490-74310	VALVE, REVERSE	1	1	1					
23	3	172A47-74470	PTO SECTION ASSY	1	1	1					
23A	4	172A47-74320	SPOOL ASSY, PTO	1	1	1					
24	3	172490-74320	SPRING, VALVE	1	1	1					
25	3	172490-74330	STAY, VALVE	1	1	1					
27	3	172458-74650	STAY, VALVE	2	2	2					
28	3	24315-000110	O-RING, 1BP11.0	1	1	1					
29	3	24315-000140	O-RING, 1BP14.0	2	2	2					

Remarks
* Control valve assy is shown in Fig.80.



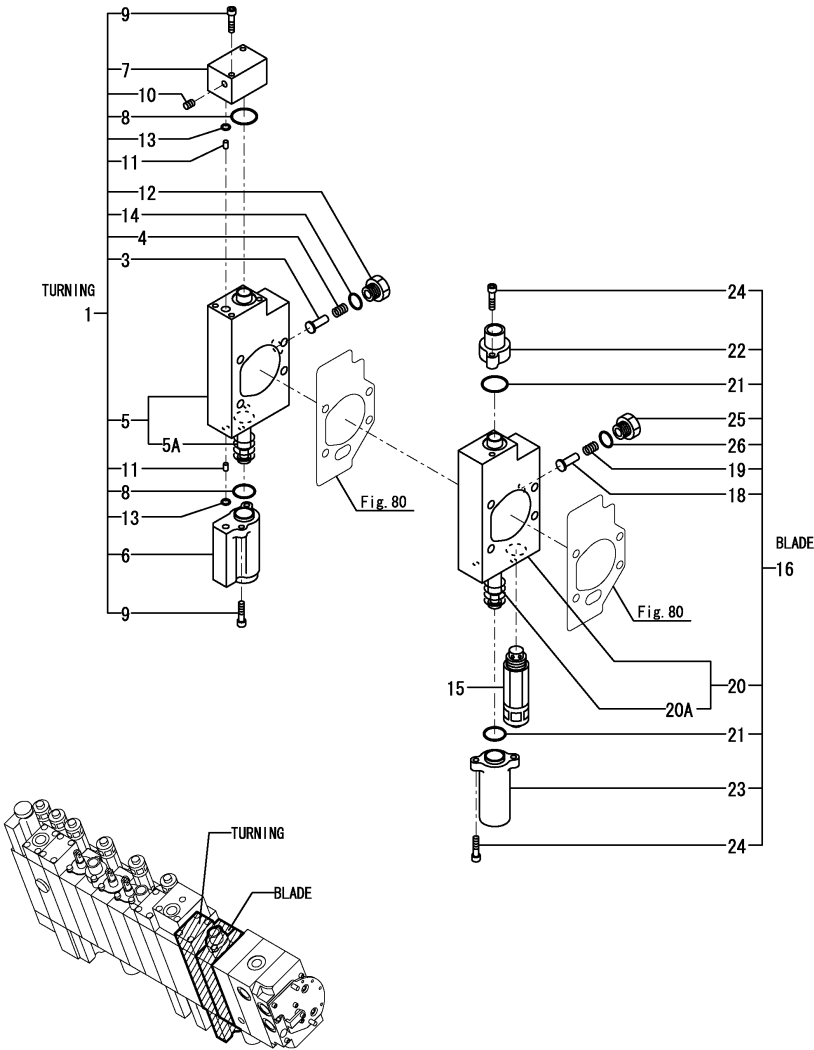
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74171	SECTION, ARM	1	1	1					
2	3	172458-74150	VALVE, REVERSE	1	1	1					
3	3	172458-74160	SPRING, VALVE	1	1	1					
4	3	172A44-74250	SECTION, ARM	1	1	1					
4A	4	172A44-74181	SPOOL ASSY, ARM	1	1	1					
6	3	172458-74230	O-RING	2	2	2					
7	3	172458-74260	BOLT	4	4	4					
8	3	172A47-74280	COVER, PILOT	1	1	1					
9	3	172A47-74300	COVER, PILOT	1	1	1					
10	3	172458-74460	PLUG	1	1	1					
11	3	172458-74630	STAY, VALVE	1	1	1					
12	3	24311-000060	O-RING, 1AP6.0	2	2	2					
13	3	24315-000110	O-RING, 1BP11.0	1	1	1					
13-1	3	41851-000110	O-RING	1	1	1					N
		(A=M53092)	(B=M53092)	(C=M53092)							
14	2	172447-74221	VALVE ASSY, RELIEF	1	1	1					
15	2	172458-74710	VALVE, RELIEF	1	1	1					
16	2	172A45-74130	VALVE ASSY, RELIEF	1	1	1					
17	2	172A44-74190	SECTION	1	1	1					
19	3	172A44-74240	SECTION ASSY	1	1	1					
19A	4	172A44-74200	SPOOL ASSY	1	1	1					
20	3	172458-74230	O-RING	2	2	2					
21	3	172A47-74260	PLUG	1	1	1					
22	3	172458-74260	BOLT	2	2	2					
23	3	172A47-74280	COVER, PILOT	1	1	1					
24	3	172458-74290	VALVE, REVERSE	2	2	2					
25	3	172183-74350	PLUG	1	1	1					
26	3	172458-74360	SPRING, VALVE	2	2	2					
27	3	172458-74460	PLUG	2	2	2					
28	3	172458-74640	STAY, VALVE	2	2	2					
29	3	172458-74670	PLUG	1	1	1					
30	3	172499-74860	FILTER	1	1	1					
31	3	172A47-74950	O-RING	1	1	1					
32	3	172A47-74960	BODY, PILOT	1	1	1					
33	3	172499-74960	PLUG	1	1	1					
34	3	24311-000060	O-RING, 1AP6.0	2	2	2					
35	3	24315-000080	O-RING, 1BP8.0	1	1	1					
36	3	24315-000110	O-RING, 1BP11.0	3	3	3					
36-1	3	41851-000110	O-RING	3	3	3					N
		(A=M53092)	(B=M53092)	(C=M53092)							
37	3	26450-050452	BOLT, M5X 45	3	3	3					

* Control valve assy is shown in Fig.80.

Fig.85. CONTROL VALVE(US,AS,NZ:6/7)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

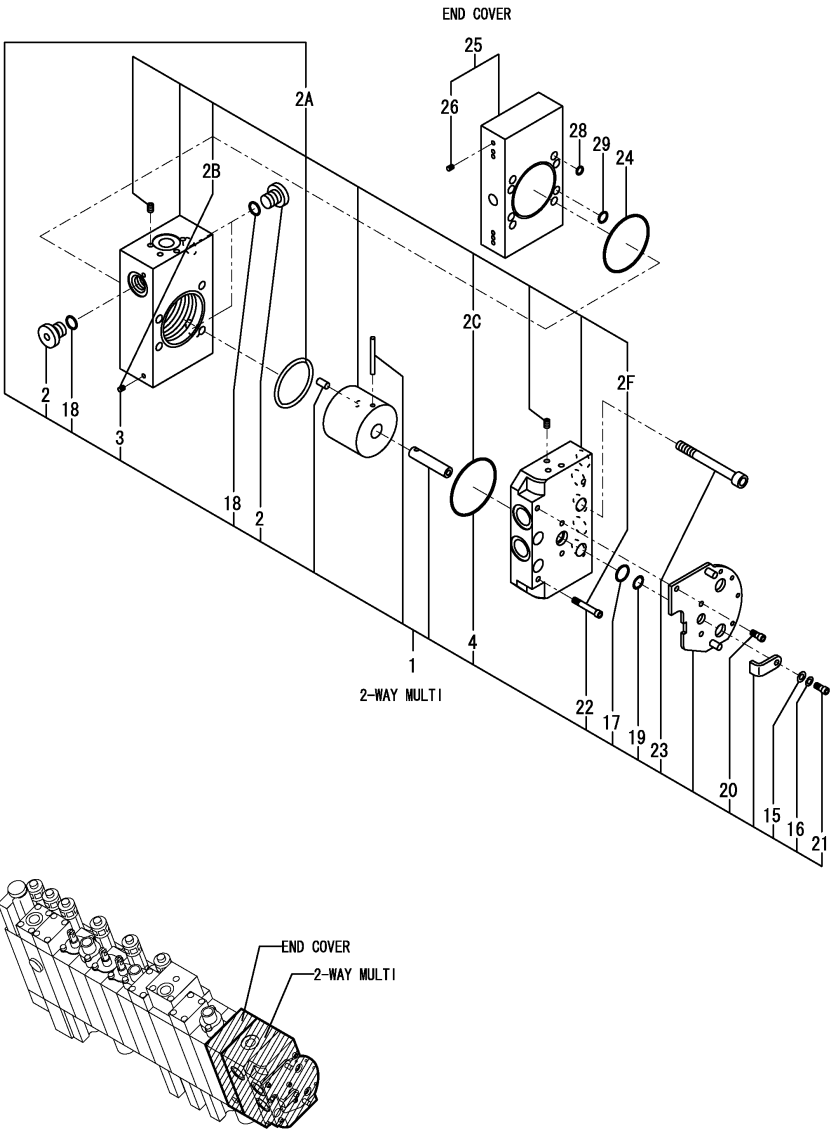
(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74211	SECTION, SWING	1	1	1					
3	3	172458-74150	VALVE, REVERSE	1	1	1					
4	3	172458-74160	SPRING, VALVE	1	1	1					
5	3	172A44-74230	SECTION ASSY	1	1	1					
5A	4	172A44-74221	SPOOL ASSY, SWING	1	1	1					
6	3	172A47-74220	COVER, PILOT	1	1	1					
7	3	172A47-74230	COVER, PILOT	1	1	1					
8	3	172458-74230	O-RING	2	2	2					
9	3	172458-74260	BOLT	4	4	4					
10	3	172458-74460	PLUG	1	1	1					
11	3	172A46-74480	THROTTLE	2	2	2					
12	3	172458-74630	STAY, VALVE	1	1	1					
13	3	24311-000060	O-RING, 1AP6.0	2	2	2					
14	3	24315-000110	O-RING, 1BP11.0	1	1	1					
14-1	3	41851-000110	O-RING	1	1	1					N
(A=M53092) (B=M53092) (C=M53092)											
15	2	172458-74700	VALVE, RELIEF	1	1	1					
16	2	172A47-75591	SECTION, BLADE	1	1	1					
18	3	172458-74150	VALVE, REVERSE	1	1	1					
19	3	172458-74160	SPRING, VALVE	1	1	1					
20	3	172A47-74421	SECTION ASSY, BLADE	1	1	1					
20A	4	172A47-75671	SPOOL ASSY, BLADE	1	1	1					
21	3	172458-74230	O-RING	2	2	2					
22	3	172458-74240	COVER, PILOT	1	1	1					
23	3	172458-74250	COVER, PILOT	1	1	1					
24	3	172458-74260	BOLT	4	4	4					
25	3	172458-74630	STAY, VALVE	1	1	1					
26	3	24315-000110	O-RING, 1BP11.0	1	1	1					

Remarks
* Control valve assy is shown in Fig.80.

Fig.86. CONTROL VALVE(US,AS,NZ:7/7)

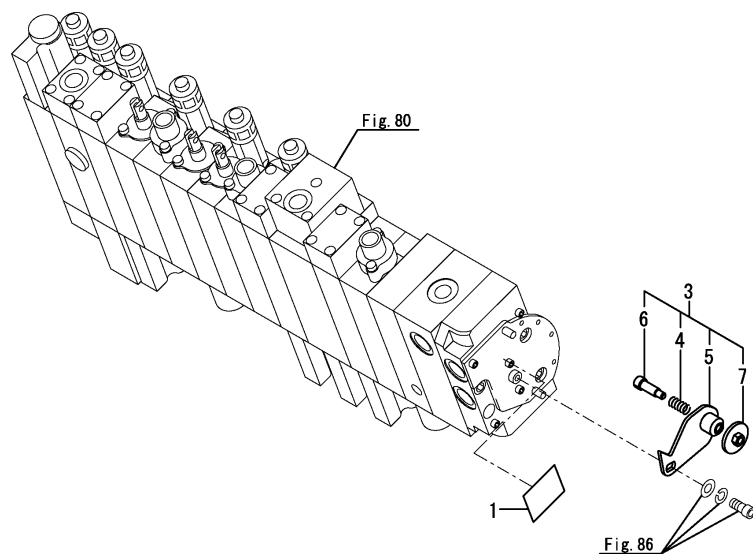


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

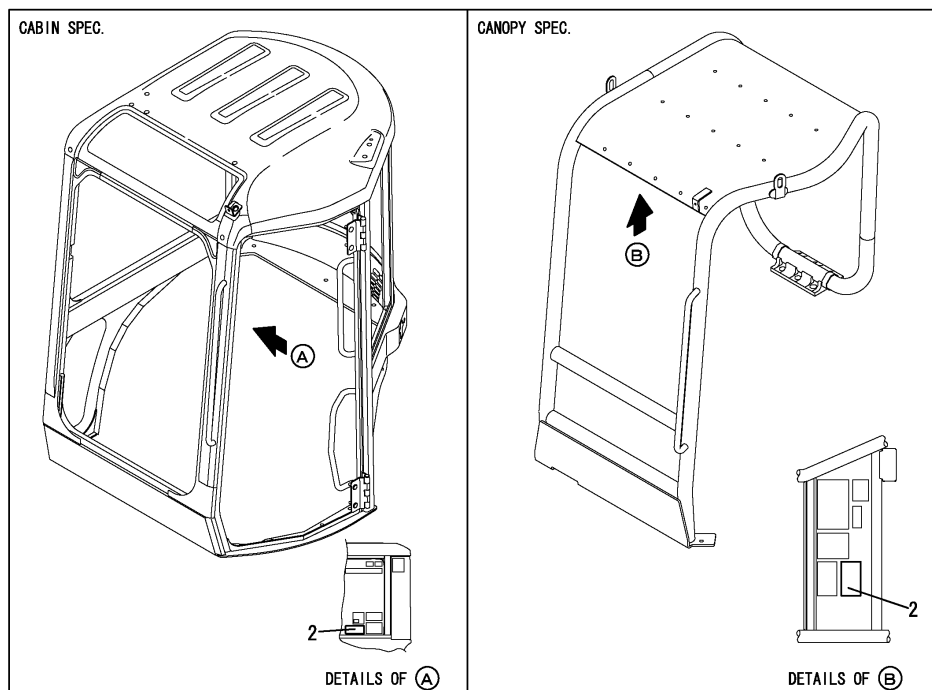
(D)=VIO27-5B(SG)
(E)=
(F)=

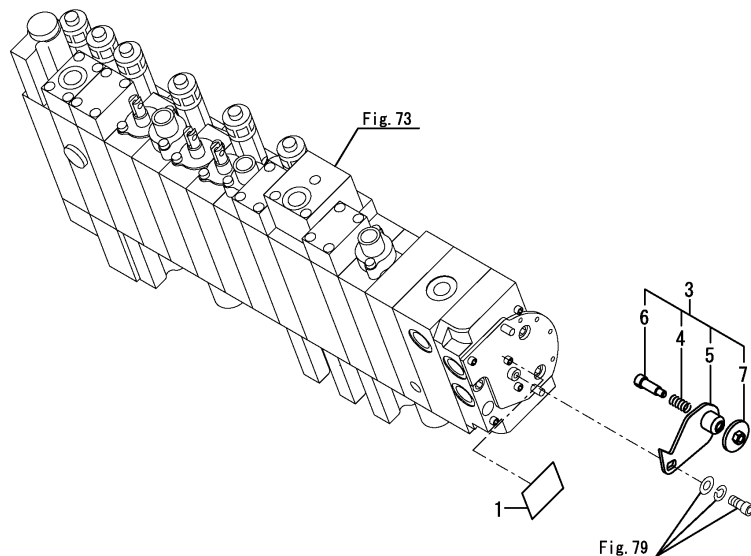
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A47-74210	VALVE	1	1	1					
2	3	172183-74350	PLUG	3	3	3					
2A	3	172A47-75910	BODY, 2-WAY KIT	1	1	1					W
(A=M53516) (B=M53516) (C=M53516)											
2B	4	172458-74460	PLUG	2	2	2					
2C	4	172A47-75420	O-RING	1	1	1					
2F	4	26450-050302	BOLT, M5X 30	2	2	2					
3	3	172458-74460	PLUG	2	2	2					Z
(A=M53516) (B=M53516) (C=M53516)											
4	3	172A47-75420	O-RING	1	1	1					Z
(A=M53516) (B=M53516) (C=M53516)											
15	3	22137-050000	WASHER, 5	1	1	1					
16	3	22217-050000	WASHER, SPRING 5	1	1	1					
17	3	24311-240100	O-RING, 1AP10A	1	1	1					
18	3	24315-000110	O-RING, 1BP11.0	3	3	3					
19	3	24373-240100	RING, BACK UP T3P10A	1	1	1					
20	3	26450-050102	BOLT, M5X 10	3	3	3					
21	3	26450-050102	BOLT, M5X 10	1	1	1					
22	3	26450-050302	BOLT, M5X 30	2	2	2					Z
(A=M53516) (B=M53516) (C=M53516)											
23	3	26450-080752	BOLT, M8X 75	4	4	4					
24	2	172A47-75420	O-RING	1	1	1					
25	2	172A47-75600	COVER ASSY, END	1	1	1					
26	3	172458-74460	PLUG	8	8	8					
28	2	24311-000060	O-RING, 1AP6.0	7	7	7					
29	2	24311-000090	O-RING, 1AP9.0	2	2	2					

Remarks
* Control valve assy is shown in Fig.80.

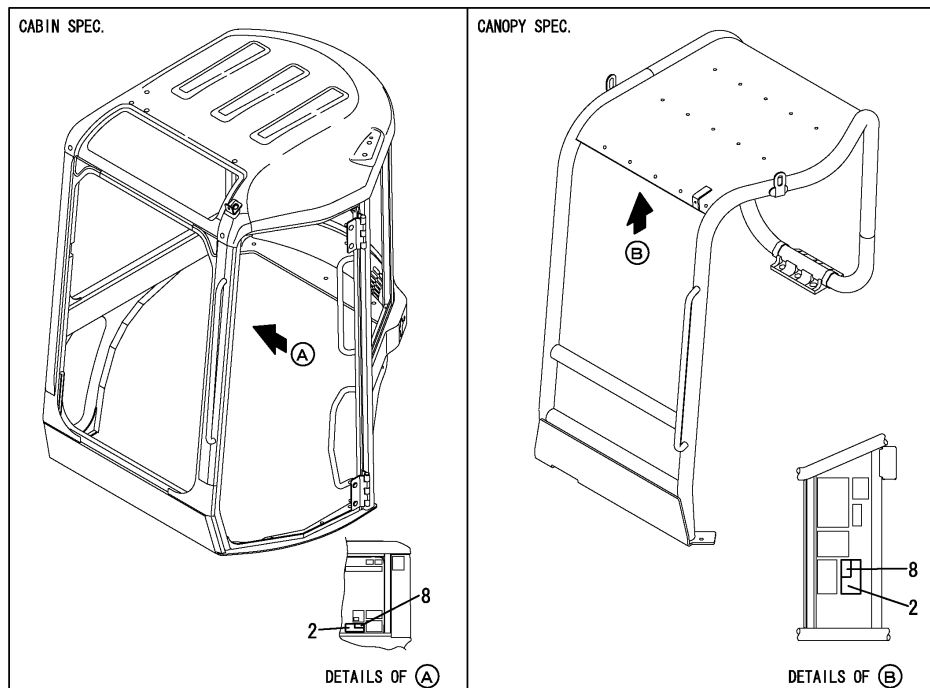


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03220	LABEL,2-WAY	1	1	1					
2	1	172437-03601	LABEL, 2-WAY US	1	1	1					
3	1	172A47-74601	MULTI V LEVER ASSY	1	1	1					
4	2	1C6141-35370	SPRING, LOCK	1	1	1					
5	2	172A47-74611	LEVER ASSY	1	1	1					
6	2	172A47-74650	SHAFT	1	1	1					
7	2	172A47-74660	KNOB ASSY	1	1	1					





No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03390	LABEL,MULTILEVER US				1				
2	1	172A47-03410	LABEL,4 WAY US				1				
3	1	172A47-74601	MULTI V LEVER ASSY				1				
4	2	1C6141-35370	SPRING, LOCK				1				
5	2	172A47-74611	LEVER ASSY				1				
6	2	172A47-74650	SHAFT				1				
7	2	172A47-74660	KNOB ASSY				1				
8	1	172444-03290	MAGNET				1				



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172463-74521	VALVE ASSY	1	1	1	1				
2	2	172441-74030	BOOT	1	1	1	1				
3	2	172441-74040	LEVER KIT	1	1	1	1				
4	2	172441-74050	HANDLE	1	1	1	1				
5	2	172463-74530	CARDAN KIT	1	1	1	1				
6	2	172463-74540	PLATE, RETAINING	1	1	1	1				
7	2	172463-74551	PLUNGER KIT	1	1	1	1				
8	2	172463-74561	REGULATION KIT	4	4	4	4				
9	2	172463-74570	SPRING KIT	1	1	1	1				
10	1	22137-060000	WASHER, 6	3	3	3	3				
11	1	26013-060202	BOLT, M6X 20	3	3	3	3				
12	1	172A78-64510	SPACER, VALVE	1	1	1	1				
13	1	26013-060162	BOLT, M6X 16	2	2	2	2				
14	1	172A47-74510	VALVE ASSY, PTO	1	1	1	1				
15	2	172441-74030	BOOT	1	1	1	1				
16	2	172441-74040	LEVER KIT	1	1	1	1				
17	2	172A47-74520	HANDLE	1	1	1	1				
18	3	172463-74580	SWITCH, BUTTON	1	1	1	1				
19	2	172463-74530	CARDAN KIT	1	1	1	1				
20	2	172463-74540	PLATE, RETAINING	1	1	1	1				
21	2	172463-74551	PLUNGER KIT	1	1	1	1				
22	2	172463-74561	REGULATION KIT	4	4	4	4				
23	2	172463-74570	SPRING KIT	1	1	1	1				
24	1	22137-060000	WASHER, 6	3	3	3	3				
25	1	26013-060202	BOLT, M6X 20	3	3	3	3				
26	1	172A78-64510	SPACER, VALVE	1	1	1	1				
27	1	26013-060162	BOLT, M6X 16	2	2	2	2				

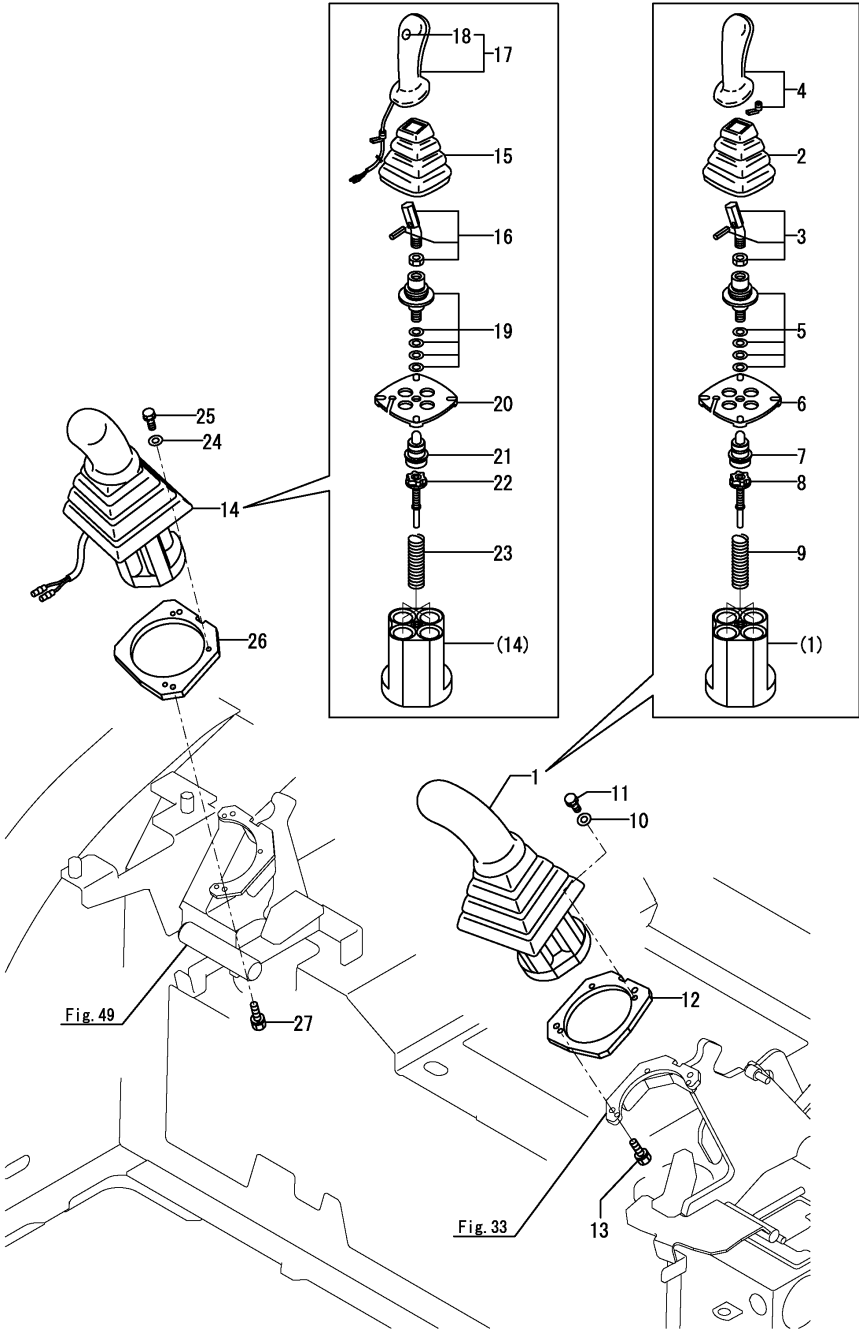
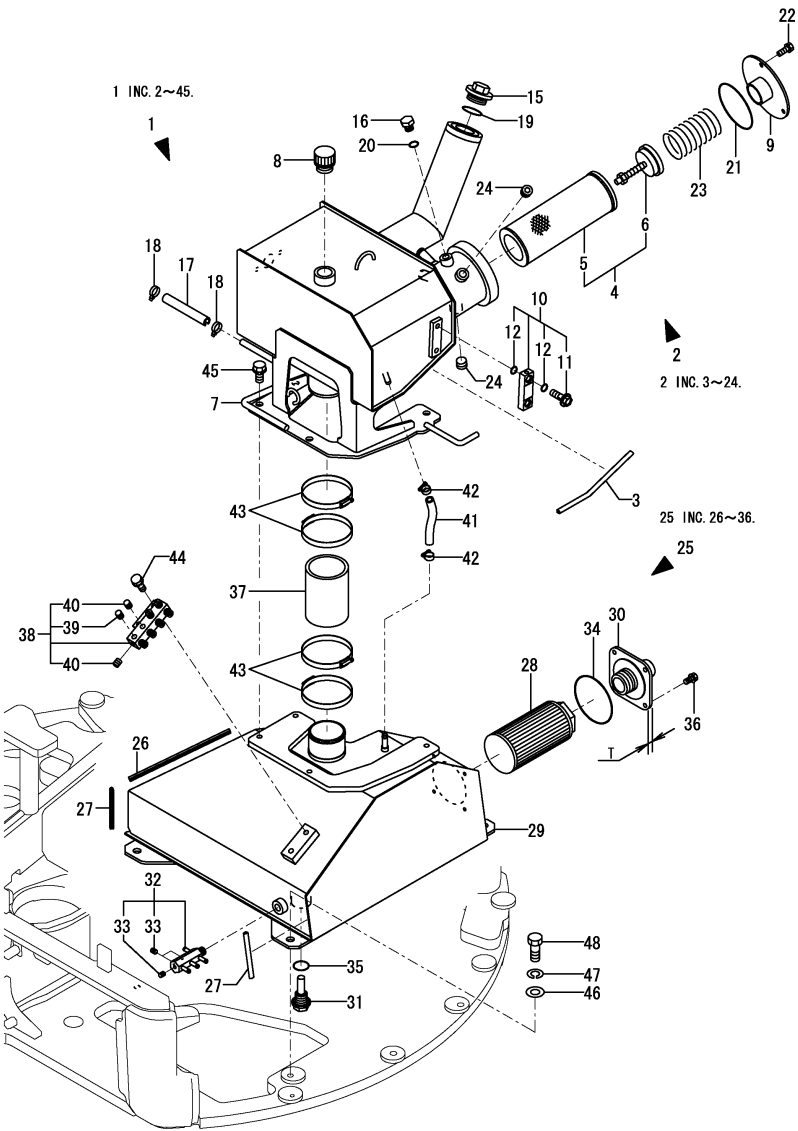


Fig.90. HYD.OIL TANK

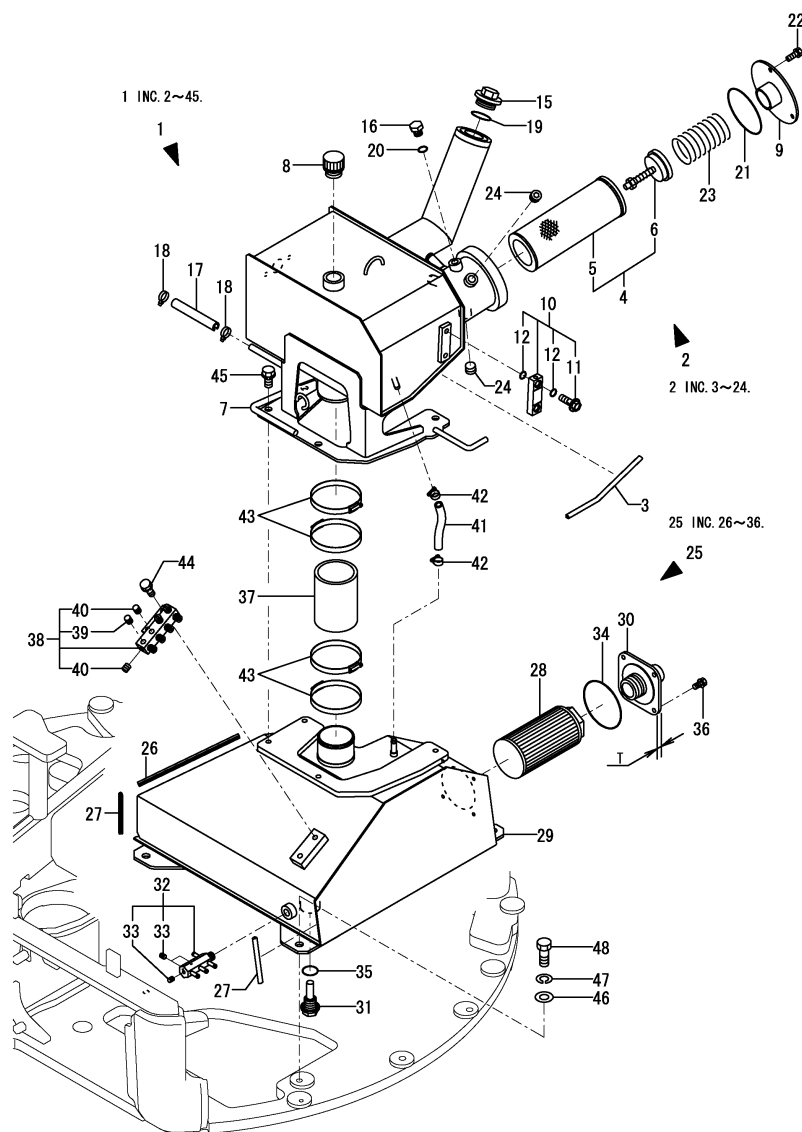
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A46-75100	TANK ASSY, OIL	1	1	1	1				
2	2	772A46-75200	TANK ASSY, OIL	1	1	1	1				
3	3	172434-61190	TRIM	1	1	1	1				
4	3	172175-73700	FILTER ASSY, RETURN	1	1	1	1				
5	4	172175-73710	ELEMENT, FILTER	1	1	1	1				
6	4	172141-73770	VALVE ASSY, BY-PASS	1	1	1	1				
7	3	172A46-75201	TANK ASSY, RESERVOIR	1	1	1	1				1
7-1	3	172A46-75202	TANK ASSY, RESERVOIR	1	1	1	1			N	1
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
8	3	172446-75250	CAP, RESERVER	1	1	1	1				
9	3	172A47-75340	COVER, TANK	1	1	1	1				
10	3	172447-75600	GAUGE ASSY	1	1	1	1				
11	4	172455-75290	BOLT	2	2	2	2				
12	4	172455-75300	O-RING	4	4	4	4				
15	3	172116-75850-B	PLUG, OIL FEED	1	1	1	1				
16	3	172165-76590	PLUG	1	1	1	1				
17	3	172A46-79200	HOSE	1	1	1	1				
18	3	172122-79930	CLAMP, HOSE	2	2	2	2				
19	3	24311-000380	O-RING, 1AP38.0	1	1	1	1				
20	3	24315-000110	O-RING, 1BP11.0	1	1	1	1				
20-1	3	41851-000110	O-RING	1	1	1	1			N	
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
21	3	24321-001050	O-RING, 1AG105.0	1	1	1	1				
22	3	26013-080202	BOLT, M8X 20	3	3	3	3				
22-1	3	26014-080202	BOLT, M8X 20	3	3	3	3			R	
(A=M53001) (B=M53001) (C=M53001) (D=M53001)											
23	3	933152-02710	SPRING, CLUTCH	1	1	1	1				
24	3	23871-030000	PLUG, R03	2	2	2	2				
25	2	772A46-75110	TANK ASSY, RESERVOIR	1	1	1	1				
26	3	172183-05330	TRIM	1	1	1	1				
27	3	172458-18850	TRIM	2	2	2	2				
28	3	172146-73730	FILTER, SUCTION	1	1	1	1				
29	3	172A46-75100	TANK ASSY, RESERVOIR	1	1	1	1				
30	3	172183-75410	FLANGE, SUCTION	1	1	1	1				
30-1	3	172A46-75500	FLANGE, SUCTION	1	1	1	1			F	3
(A=M/#53325) (B=M/#53325) (C=M/#53325) (D=M/#53325)											
31	3	172187-75500	PLUG	1	1	1	1				
32	3	172A47-76300	BLOCK, DRAIN	1	1	1	1				
33	4	23871-020000	PLUG, R02	3	3	3	3				
34	3	24321-001050	O-RING, 1AG105.0	1	1	1	1				
35	3	24341-000300	O-RING, 1AS30.0	1	1	1	1				
36	3	26013-080162	BOLT, M8X 16	4	4	4	4				
36-1	3	26014-080252	BOLT, M8X 25	4	4	4	4			S	
(A=M/#53325) (B=M/#53325) (C=M/#53325) (D=M/#53325)											
37	2	172A46-75300	HOSE, RESERVOIR	1	1	1	1				
38	2	172A47-76310	BLOCK, PILOT	1	1	1	1				
39	3	23871-010000	PLUG, R01	1	1	1	1				
40	3	23871-020000	PLUG, R02	2	2	2	2				
41	2	172A46-79120	HOSE	1	1	1	1				
42	2	23001-016000	CLAMP, HOSE 16	2	2	2	2				
43	2	23001-102000	CLAMP, HOSE 102	4	4	4	4				

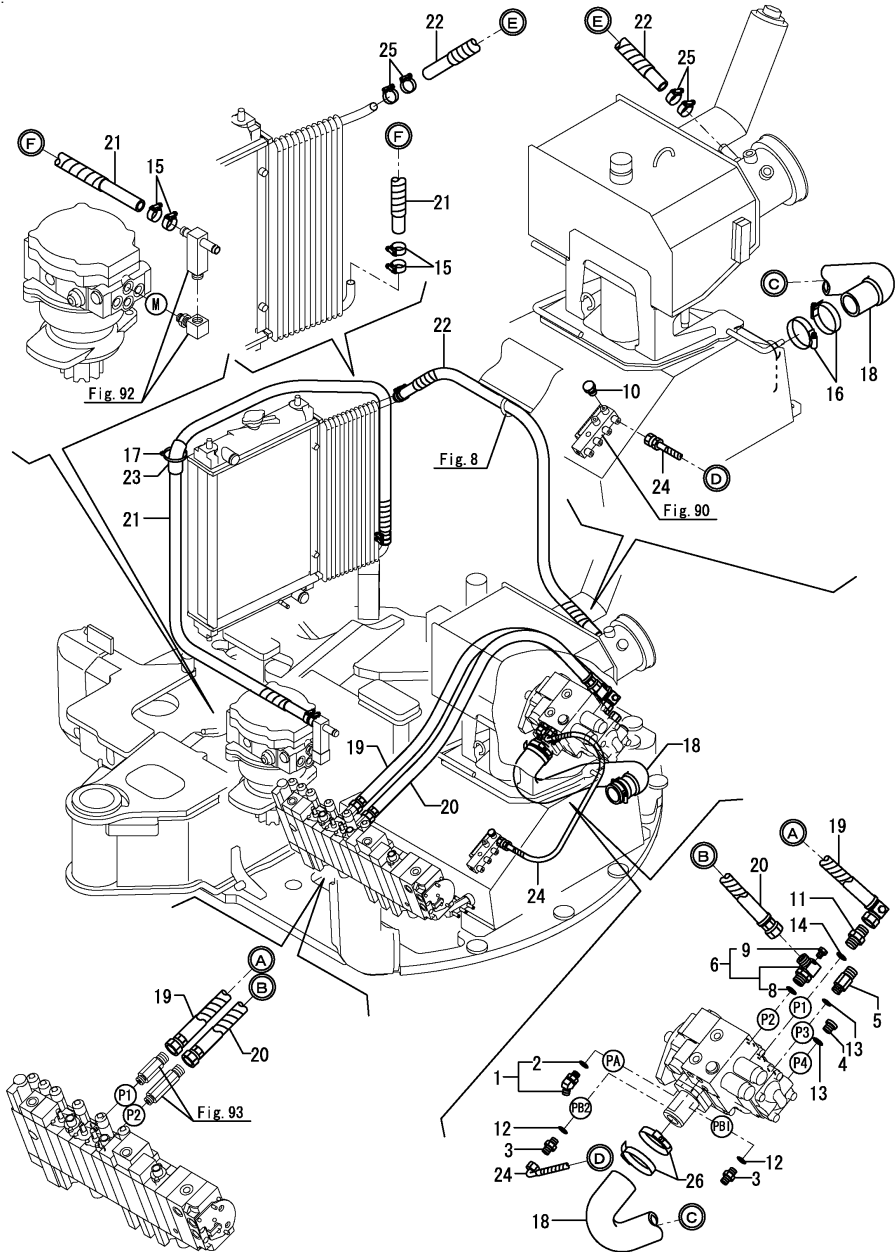
Remarks
(1)Please use this part with following label at the same time.
Ref.No.49A.
(2)Label is not illustrated.
(3)T=Ref.No.30:6mm, No.30-1:12mm.
Interchangeable by simultaneous replacement with Ref.No.36-1.



No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=				I R
				(A)	(B)	(C)	(D)	(E)	(F)	
44	2	26013-100162	BOLT, M10X 16	2	2	2	2			
44-1	2	26013-100202	BOLT, M10X 20	2	2	2	2			N
		(A=M53298)	(B=M53298)	(C=M53298)	(D=M53298)					
45	2	26013-120252	BOLT, M12X 25	3	3	3	3			
46	1	22137-140000	WASHER, 14	3	3	3	3			
47	1	22217-140000	WASHER, SPRING 14	3	3	3	3			
48	1	26116-140352	BOLT, M14X 35 PLATED	3	3	3	3			
49A	1	172A47-03270	LABEL, PTO SELECT	1	1	1	1			2

Interchangeable by simultaneous replacement with Ref.No.36-1.

Fig.91. HYD.OIL PIPING(TANK - PUMP - CONTROL VALVE)



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

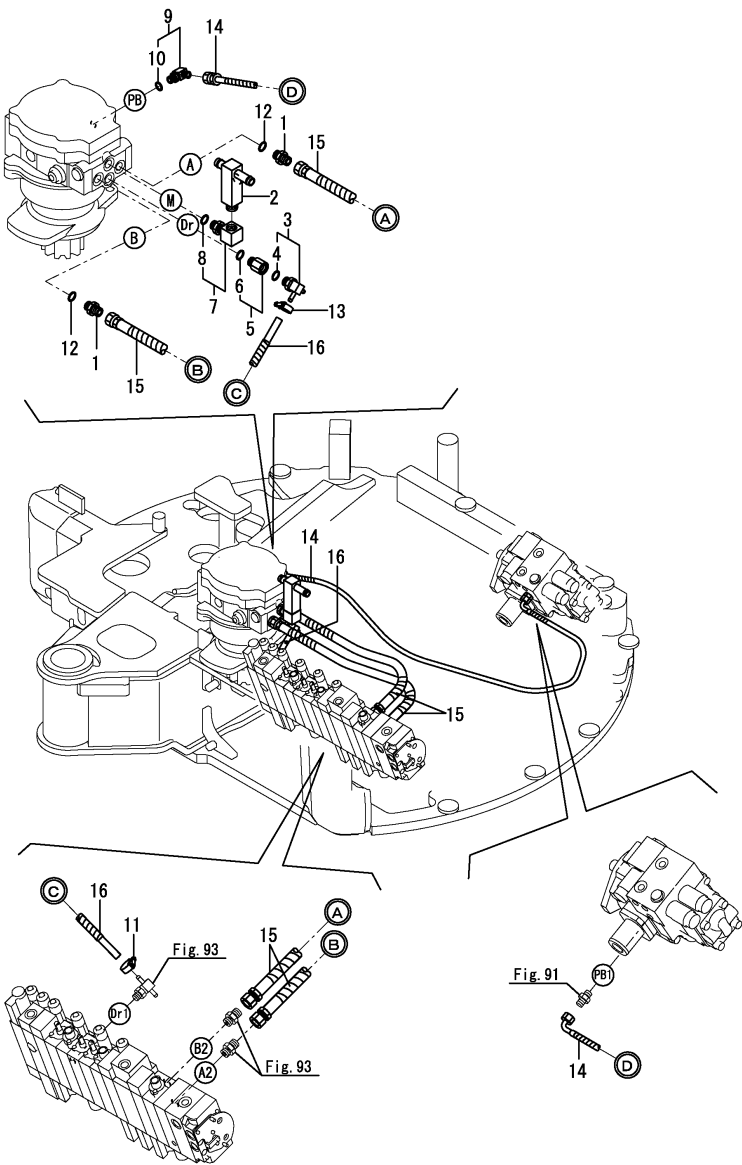
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172173-76102	CONNECTOR ASSY	1	1	1	1				
2	2	41851-000110	O-RING	1	1	1	1				
3	1	172123-76121	ADAPTER	2	2	2	2				
4	1	172183-76180	PLUG	1	1	1	1				
5	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1	1				
6	1	172460-76560	CONNECTOR, PF1/2	1	1	1	1				
8	3	24315-000180	O-RING, 1BP18.0	1	1	1	1				
9	2	172460-76570	PLUG, SCREW	1	1	1	1				
10	1	1E3030-78370	CAP, SCREW	1	1	1	1				
11	1	172112-77361	CONNECTOR	1	1	1	1				
12	1	24315-000110	O-RING, 1BP11.0	2	2	2	2				
12-1	1	41851-000110	O-RING	2	2	2	2				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
13	1	24315-000140	O-RING, 1BP14.0	2	2	2	2				
13-1	1	41851-000140	O-RING	2	2	2	2				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
14	1	24315-000180	O-RING, 1BP18.0	1	1	1	1				
14-1	1	41851-000180	O-RING	1	1	1	1				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
15	1	23001-025000	CLAMP, HOSE 25	4	4	4	4				
16	1	23001-060000	CLAMP, HOSE 60	2	2	2	2				
17	1	172183-16560	CLIP, HOSE	1	1	1	1				
18	1	172A45-78100	HOSE,SUCTION	1	1	1	1				
19	1	172A45-78110	HOSE	1	1	1	1				
20	1	172A45-78120	HOSE	1	1	1	1				
21	1	172A46-78321	HOSE	1	1	1	1				
22	1	172A46-78330	HOSE	1	1	1	1				
23	1	172A46-78500	HOSE	1	1	1	1				
24	1	172A45-78570	HOSE	1	1	1	1				
25	1	23001-025000	CLAMP, HOSE 25	4	4	4	4				
26	1	23001-060000	CLAMP, HOSE 60	2	2	2	2				

Remarks
* Fitting(control valve) is shown in Fig.93.

Fig.92. HYD.OIL PIPING(CONTROL VALVE - TURNING MOTOR)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



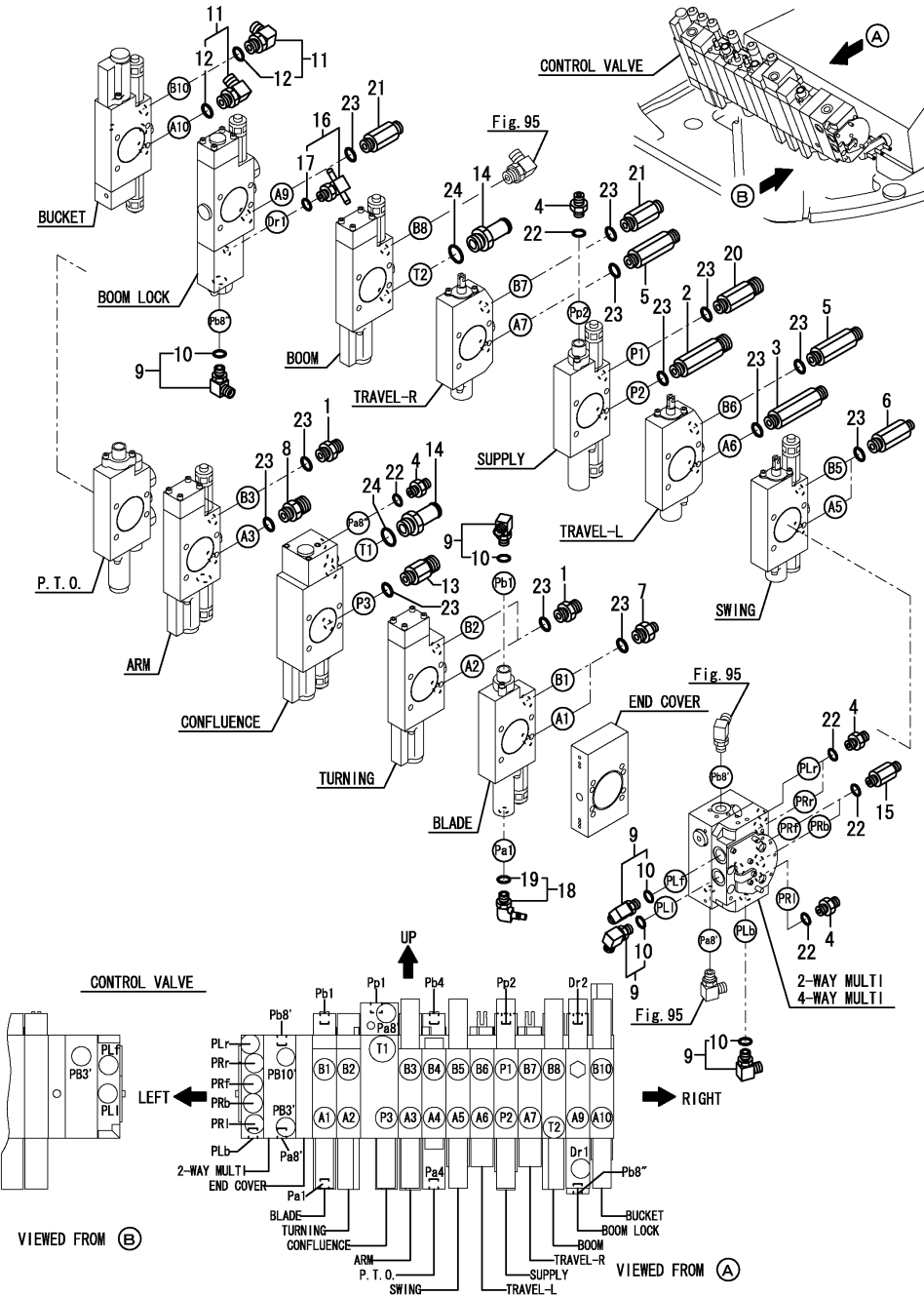
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2	2	2				
2	1	172A46-76100	NIPPLE, TEE	1	1	1	1				
3	1	172A52-76110	NIPPLE, TEE	1	1	1	1				
4	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
5	1	172A52-76130	ADAPTER	1	1	1	1				
6	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
7	1	172458-76160	ELBOW	1	1	1	1				
8	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
9	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
10	2	41851-000110	O-RING	1	1	1	1				
11	1	23000-013000	CLAMP, 13	1	1	1	1				
12	1	24315-000140	O-RING, 1BP14.0	2	2	2	2				
12-1	1	41851-000140	O-RING	2	2	2	2				N
		(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)						
13	1	23000-013000	CLAMP, 13	1	1	1	1				
14	1	172A46-78581	HOSE	1	1	1	1				
15	1	172A46-78260	HOSE	2	2	2	2				
16	1	172A46-78350	HOSE	1	1	1	1				

Remarks
* Fitting(control valve) is shown in Fig.93.

Fig.93. HYD.OIL PIPING(CONTROL VALVE : FITTING)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



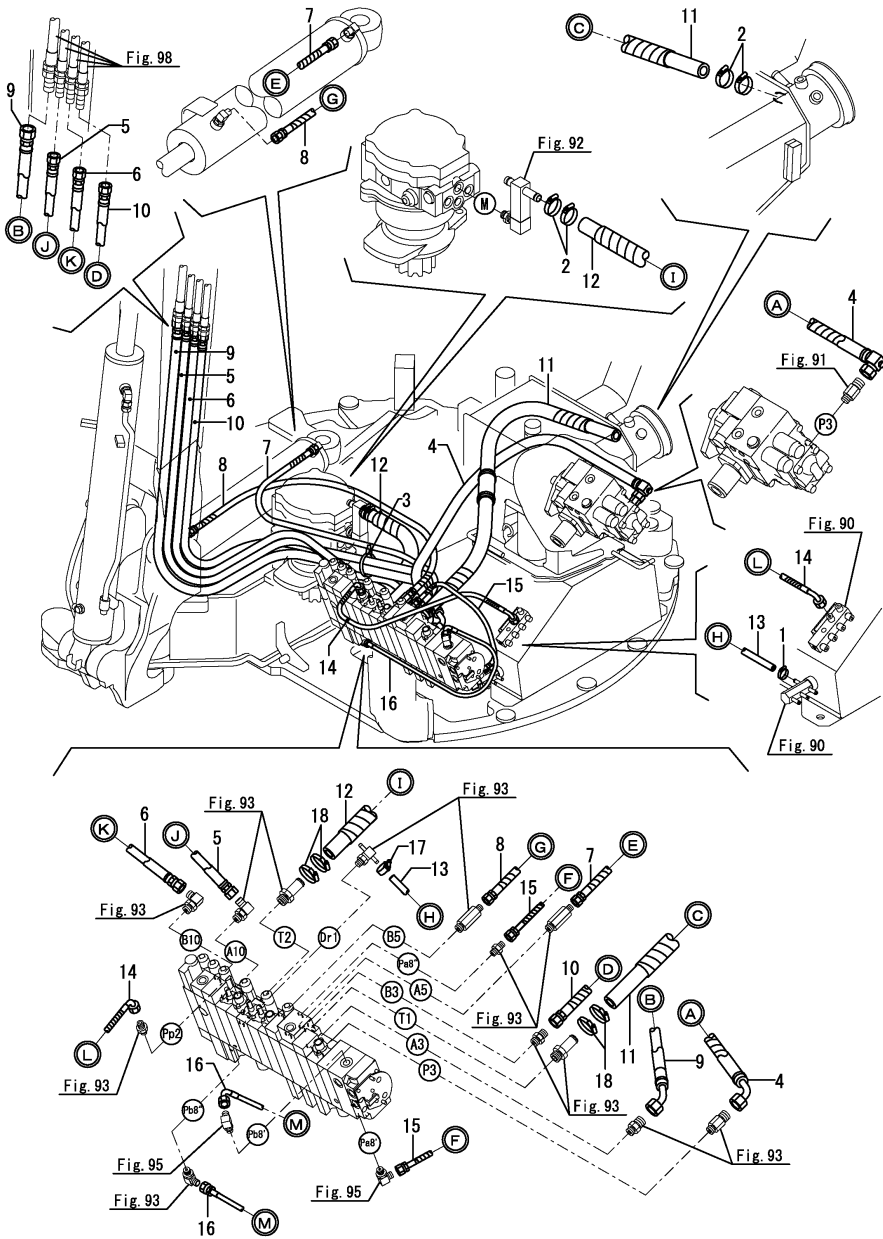
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	3	3	3	3				
2	1	172A46-76110	CONNECTOR	1	1	1	1				
3	1	172A46-76120	CONNECTOR	1	1	1	1				
4	1	172123-76121	ADAPTER	5	5	5	5				
5	1	172162-76131	ADAPTER	2	2	2	2				
6	1	172422-76130	CONNECTOR	2	2	2	2				
7	1	172124-76160	CONNECTOR	2	2	2	2				
8	1	172168-76162	CONNECTOR, PF1/2X3/8	1	1	1	1				
9	1	172141-76181	CONNECTOR ASSY, 02FF	5	5	5	5				
10	2	41851-000110	O-RING	5	5	5	5				
11	1	172142-76181	JOINT ASSY	2	2	2	2				
12	2	24315-000140	O-RING, 1BP14.0	2	2	2	2				
13	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1	1				
14	1	172A47-76191	NIPPLE	2	2	2	2				
15	1	172183-76200	CONNECTOR	2	2	2	2				
16	1	172A47-76230	NIPPLE, TEE	1	1	1	1				
17	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
17-1	2	41851-000110	O-RING	1	1	1	1				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
18	1	172A47-76261	ELBOW, COUPLER	1	1	1	1				
19	2	41851-000110	O-RING	1	1	1	1				
20	1	172192-76340	CONNECTOR	1	1	1	1				
21	1	172116-76381	ADAPTER, 64	2	2	2	2				
22	1	24315-000110	O-RING, 1BP11.0	7	7	7	7				
22-1	1	41851-000110	O-RING	7	7	7	7				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
23	1	24315-000140	O-RING, 1BP14.0	16	16	16	16				
23-1	1	41851-000140	O-RING	16	16	16	16				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
24	1	24315-000180	O-RING, 1BP18.0	2	2	2	2				
24-1	1	41851-000180	O-RING	2	2	2	2				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											

Fig.94. HYD.OIL PIPING(CONTROL VALVE - BOOM, SWING)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

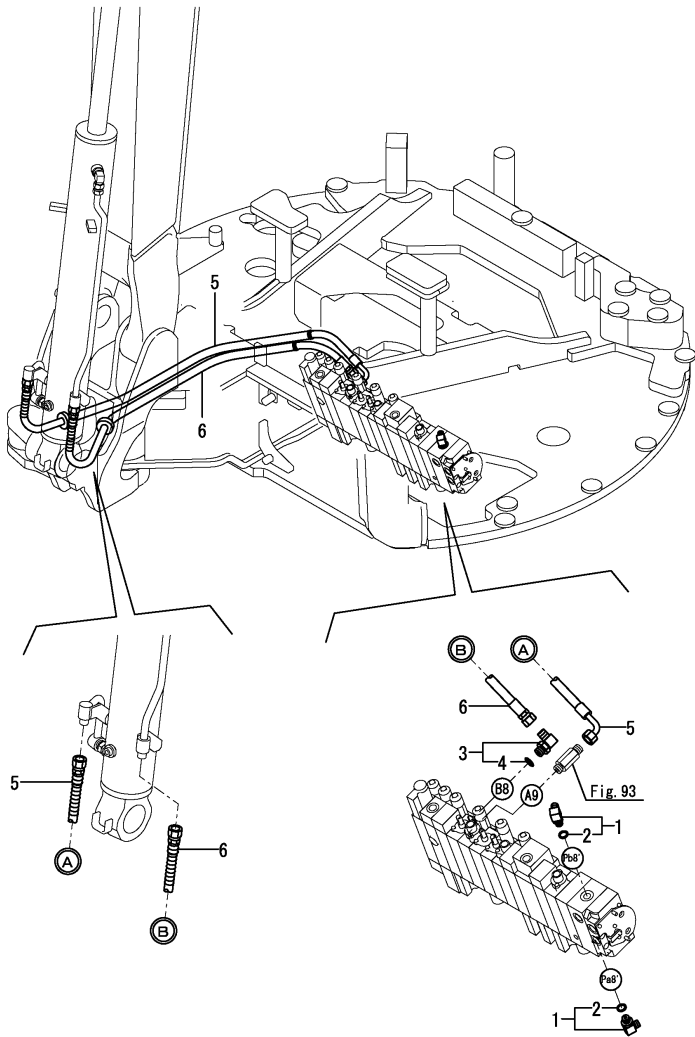
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	23000-013000	CLAMP, 13	1	1	1	1				
2	1	23001-025000	CLAMP, HOSE 25	4	4	4	4				
3	1	194202-56460	BAND, 200	1	1	1	1				
4	1	172A46-78131	HOSE	1	1	1	1				
5	1	172A46-78140	HOSE	1	1	1	1				
6	1	172A46-78150	HOSE	1	1	1	1				
7	1	172A46-78220	HOSE	1	1	1	1				
8	1	172A46-78230	HOSE	1	1	1	1				
9	1	172A46-78240	HOSE	1	1	1	1				
10	1	172A46-78250	HOSE	1	1	1	1				
11	1	172A46-78300	HOSE	1	1	1	1				
12	1	172A45-78310	HOSE	1	1	1	1				
13	1	172A46-78360	HOSE	1	1	1	1				
14	1	172A46-78590	HOSE	1	1	1	1				
15	1	172A47-78610	HOSE	1	1	1	1				
16	1	172A47-78620	HOSE	1	1	1	1				
17	1	23000-013000	CLAMP, 13	1	1	1	1				
18	1	23001-025000	CLAMP, HOSE 25	4	4	4	4				



Remarks
* Fitting(control valve) is shown in Fig.93.

Fig.95. HYD.OIL PIPING(CONTROL VALVE - BOOM CYLINDER)



Remarks
* Fitting(control valve) is shown in Fig.93.

0CS10-M52701 Fig.95

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2				
2	2	41851-000110	O-RING	2	2	2	2				
3	1	172142-76181	JOINT ASSY	1	1	1	1				
4	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
5	1	172A46-78160	HOSE	1	1	1	1				
6	1	172A46-78170	HOSE	1	1	1	1				

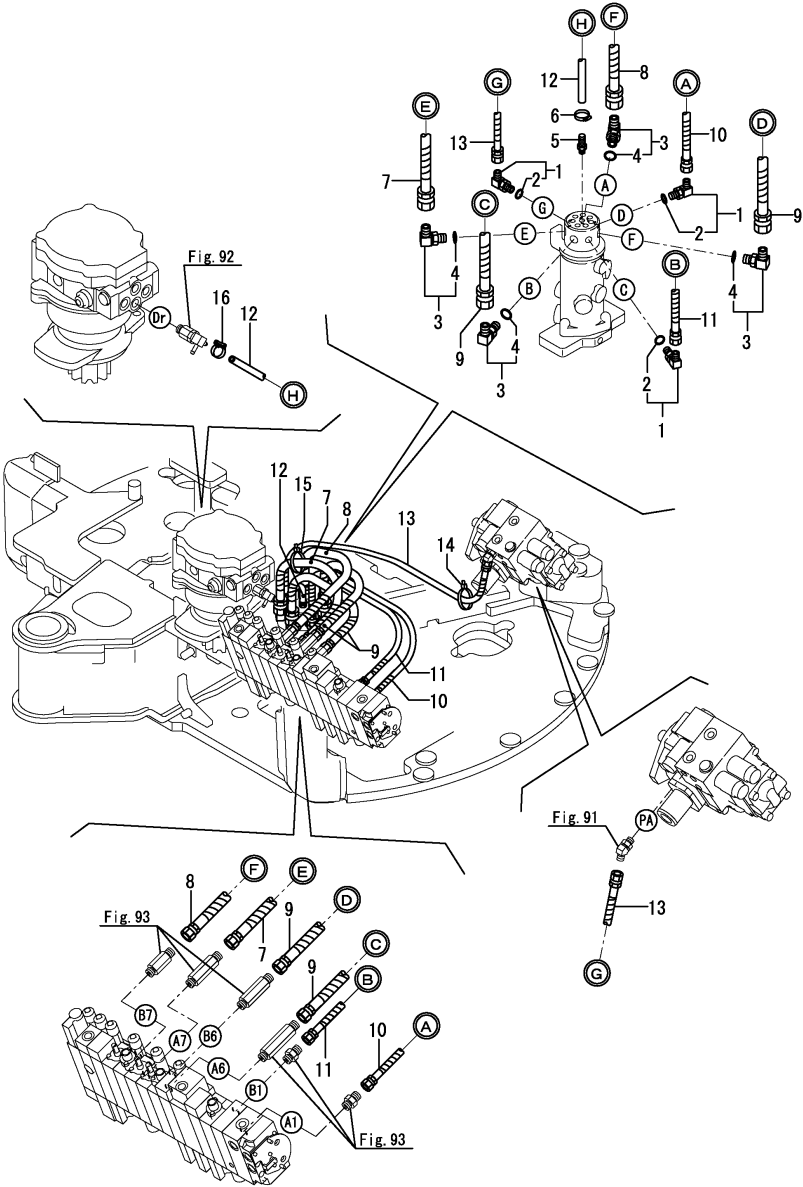
Fig.96. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT)

OCS10-M52701 Fig.96

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

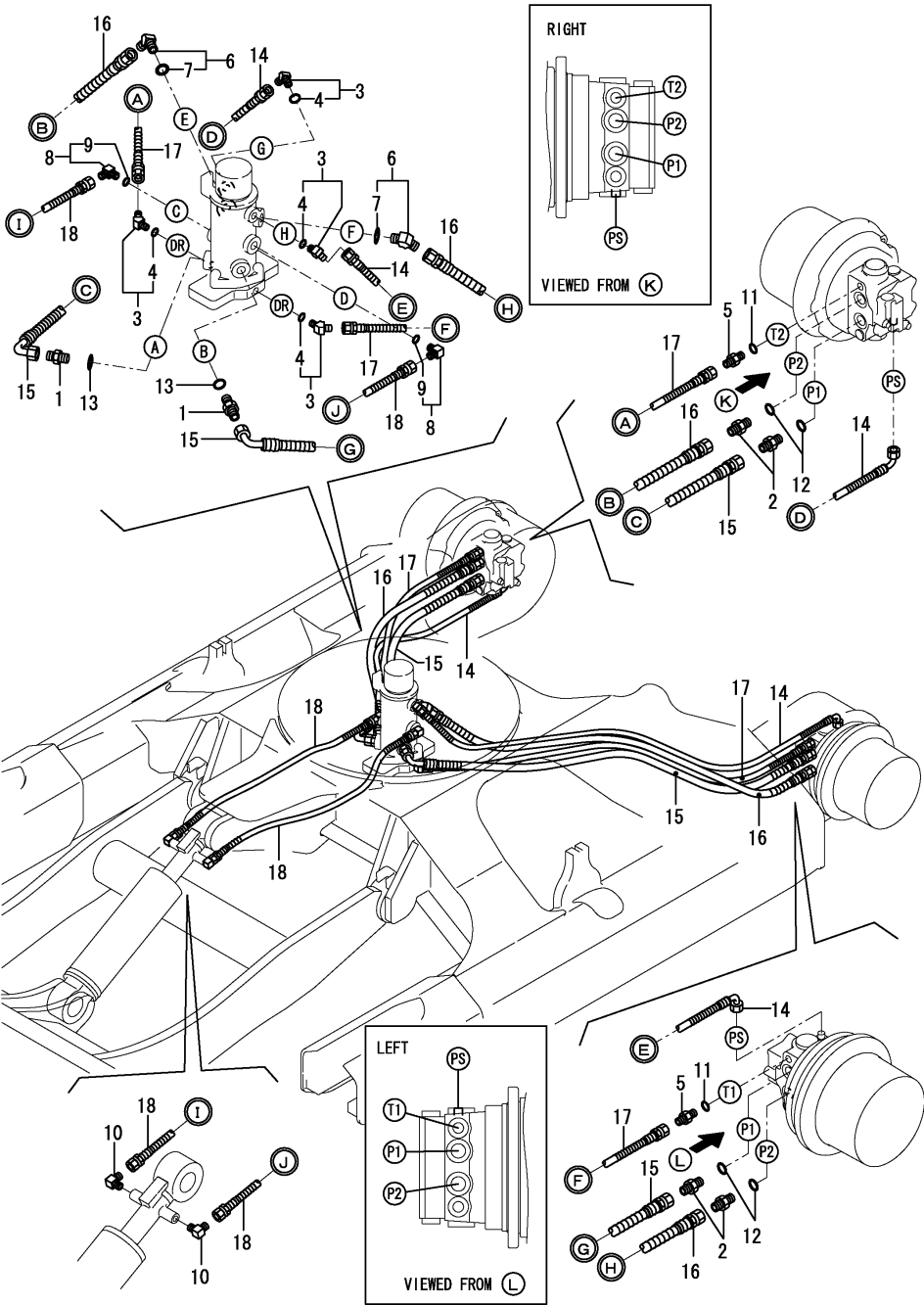
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172141-76181	CONNECTOR ASSY, 02FF	3	3	3	3				
2	2	41851-000110	O-RING	3	3	3	3				
3	1	172142-76181	JOINT ASSY	4	4	4	4				
4	2	24315-000140	O-RING, 1BP14.0	4	4	4	4				
5	1	172141-76220	NIPPLE	1	1	1	1				
6	1	23000-013000	CLAMP, 13	1	1	1	1				
7	1	172A46-78180	HOSE	1	1	1	1				
8	1	172A46-78190	HOSE	1	1	1	1				
9	1	172A46-78200	HOSE	2	2	2	2				
10	1	172A46-78280	HOSE	1	1	1	1				
11	1	172A46-78290	HOSE	1	1	1	1				
12	1	172A46-78340	HOSE	1	1	1	1				
13	1	172A45-78600	HOSE	1	1	1	1				
14	1	172122-79930	CLAMP, HOSE	1	1	1	1				
15	1	172122-79930	CLAMP, HOSE	1	1	1	1				
16	1	23000-013000	CLAMP, 13	1	1	1	1				



Remarks
* Fitting(control valve) is shown in Fig.93.

OCS10-M52701 HYDRAULIC OIL PIPING
Fig.97. HYD.OIL PIPING(TRACK FRAME)

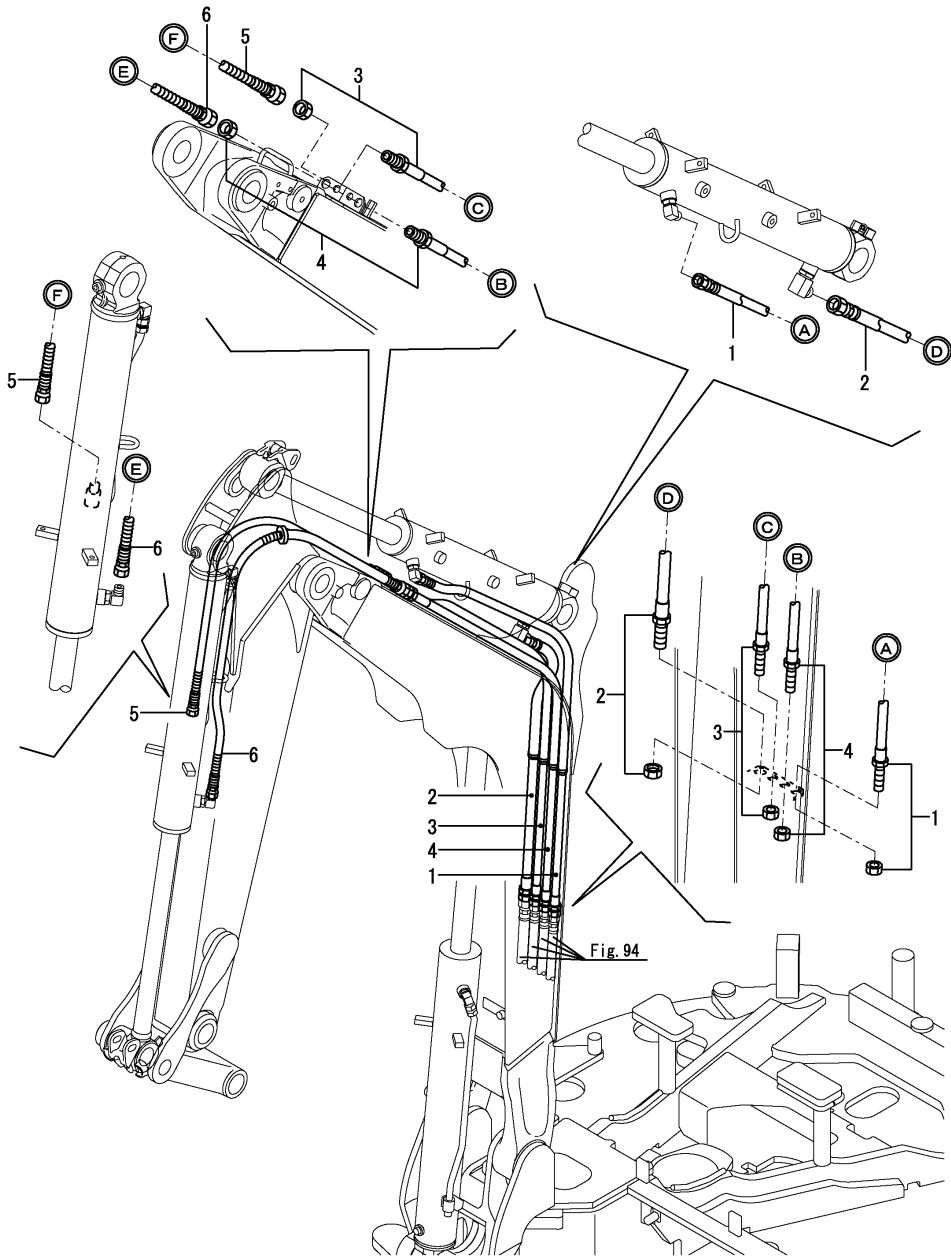


					OCS10-M52701		Fig.97		
					(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=		
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172730-75141	ADAPTER	2	2	2	2		
2	1	172730-75141	ADAPTER	4	4	4	4		
3	1	172173-76102	CONNECTOR ASSY	4	4	4	4		
4	2	41851-000110	O-RING	4	4	4	4		
5	1	172123-76121	ADAPTER	2	2	2	2		
6	1	172644-76161	ELBOW, ADJUST	2	2	2	2		
7	2	24315-000140	O-RING, 1BP14.0	2	2	2	2		
8	1	172141-76181	CONNECTOR ASSY, 02FF	2	2	2	2		
9	2	41851-000110	O-RING	2	2	2	2		
10	1	23393-020000	JOINT, 90RGI-1/4	2	2	2	2		
11	1	24315-000110	O-RING, 1BP11.0	2	2	2	2		
11-1	1	41851-000110	O-RING	2	2	2	2		N
	(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)					
12	1	24315-000140	O-RING, 1BP14.0	4	4	4	4		
12-1	1	41851-000140	O-RING	4	4	4	4		N
	(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)					
13	1	24315-000140	O-RING, 1BP14.0	2	2	2	2		
13-1	1	41851-000140	O-RING	2	2	2	2		N
	(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)					
14	1	172457-78211	HOSE	2	2	2	2		
15	1	172457-78221	HOSE	2	2	2	2		
16	1	172457-78231	HOSE	2	2	2	2		
17	1	172457-78241	HOSE	2	2	2	2		
18	1	172422-78390	HOSE	2	2	2	2		

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

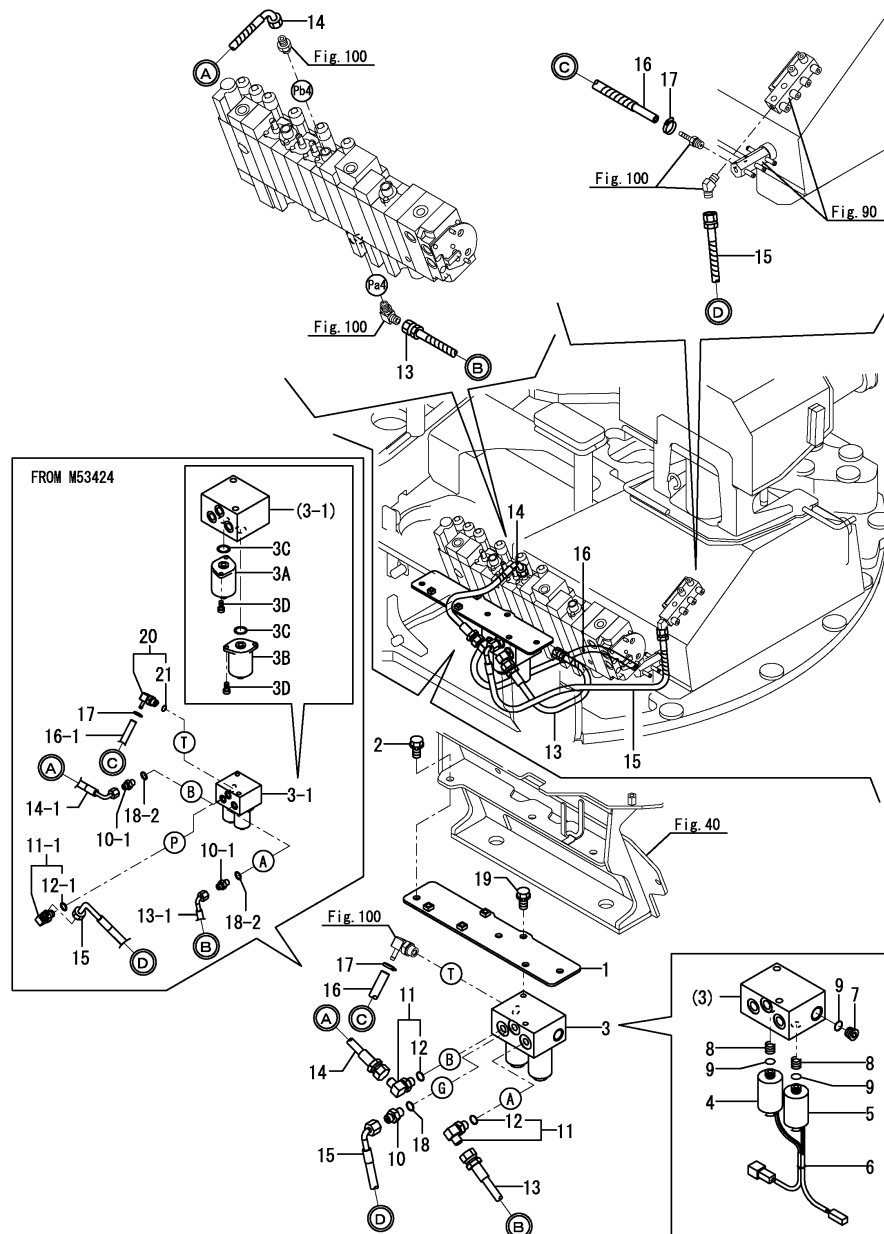
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-78400	HOSE	1	1	1	1				
2	1	172A44-78390	HOSE	1	1	1	1				
3	1	172A44-78410	HOSE	1	1	1	1				
4	1	172A44-78420	HOSE	1	1	1	1				
5	1	172A84-78430	HOSE	1	1	1	1				
6	1	172A84-78690	HOSE	1	1	1	1				



(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

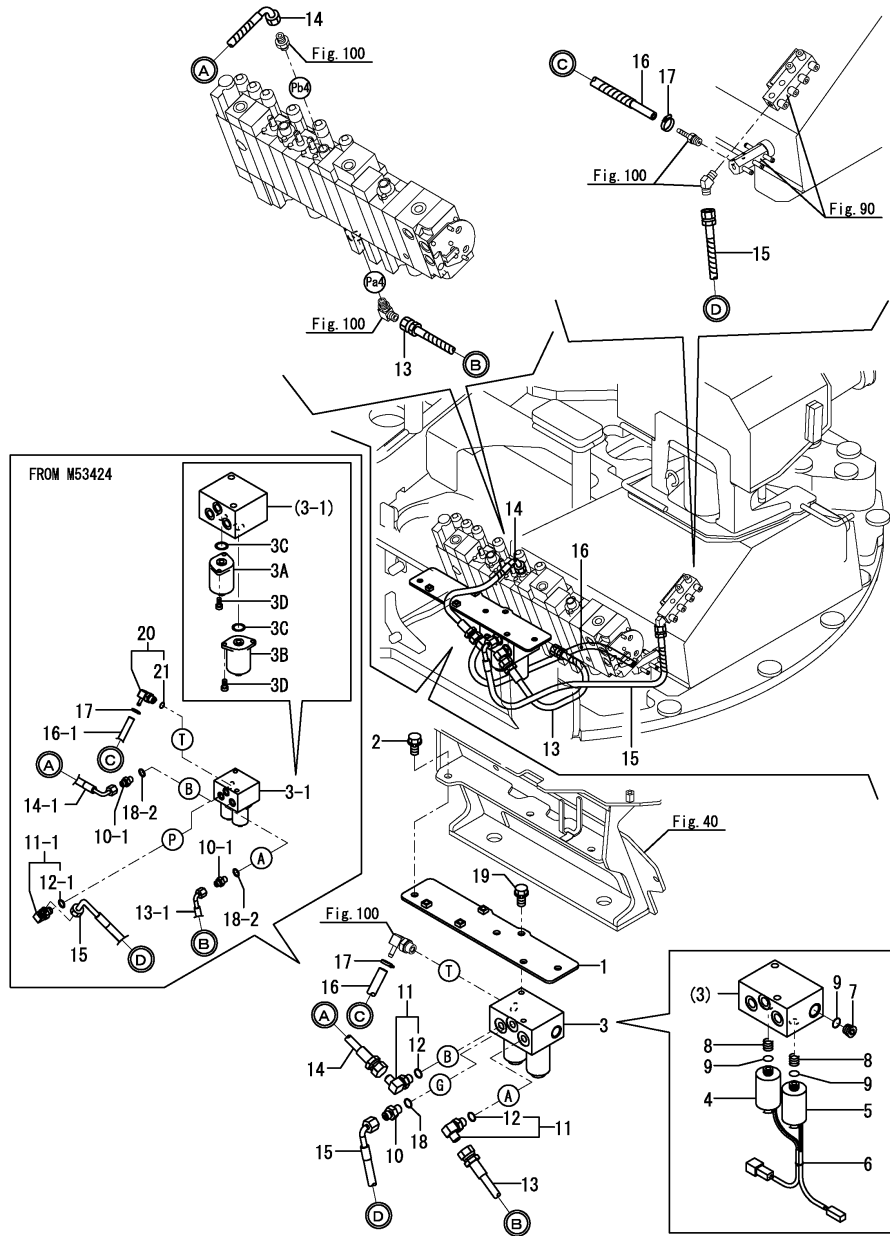


No.	Lev.	Parts No.	Description	Qty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-71300	BRACKET ASSY		1	1	1	1			
2	1	26013-100252	BOLT, M10X 25		3	3	3	3			
3	1	172A47-74130	VALVE ASSY, PTO		1	1	1	1			
3-1	1	172A79-74500	VALVE ASSY, PTO		1	1	1	1		F 1	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
3A	2	172A79-74510	VALVE, SOLENOID		1	1	1	1		W	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
3B	2	172A79-74520	VALVE, SOLENOID		1	1	1	1		W	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
3C	2	24311-000160	O-RING, 1AP16.0		2	2	2	2		W	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
3D	2	26450-050102	BOLT, M5X 10		4	4	4	4		W	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
4	2	172A47-74140	VALVE, SOLENOID		1	1	1	1		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
5	2	172A47-74150	VALVE, SOLENOID		1	1	1	1		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
6	2	172A47-74160	BAND		1	1	1	1		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
7	2	172142-74670	PLUG		1	1	1	1		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
8	2	172449-74720	SPRING		2	2	2	2		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
9	2	24315-000140	O-RING, 1BP14.0		3	3	3	3		Z	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
10	1	172123-76121	ADAPTER		1	1	1	1			
10-1	1	172123-76121	ADAPTER		2	2	2	2		K	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
11	1	172141-76181	CONNECTOR ASSY, 02FF		2	2	2	2			
11-1	1	172141-76181	CONNECTOR ASSY, 02FF		1	1	1	1		K	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
12	2	41851-000110	O-RING		2	2	2	2			
12-1	2	41851-000110	O-RING		1	1	1	1		K	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
13	1	172A47-78660	HOSE		1	1	1	1			
13-1	1	172A79-78250	HOSE		1	1	1	1		S	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
14	1	172A47-78670	HOSE		1	1	1	1			
14-1	1	172A79-78260	HOSE		1	1	1	1		S	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
15	1	172A47-78680	HOSE		1	1	1	1			
16	1	172A47-78760	HOSE		1	1	1	1			
16-1	1	172A79-78270	HOSE		1	1	1	1		S	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
17	1	23000-013000	CLAMP, 13		2	2	2	2			
18	1	24315-000110	O-RING, 1BP11.0		1	1	1	1			
18-1	1	41851-000110	O-RING		1	1	1	1		N	
	(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)							
18-2	1	41851-000110	O-RING		2	2	2	2		K	
	(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)							
19	1	26013-100202	BOLT, M10X 20		2	2	2	2			

(1)Interchangeable by simultaneous replacement with Ref.No.10-1,11-1,13-1,14-1,16-1,18-2,20.

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.99. HYD.OIL PIPING(P.T.O. : SOLENOID VALVE - CONTROL VALVE)



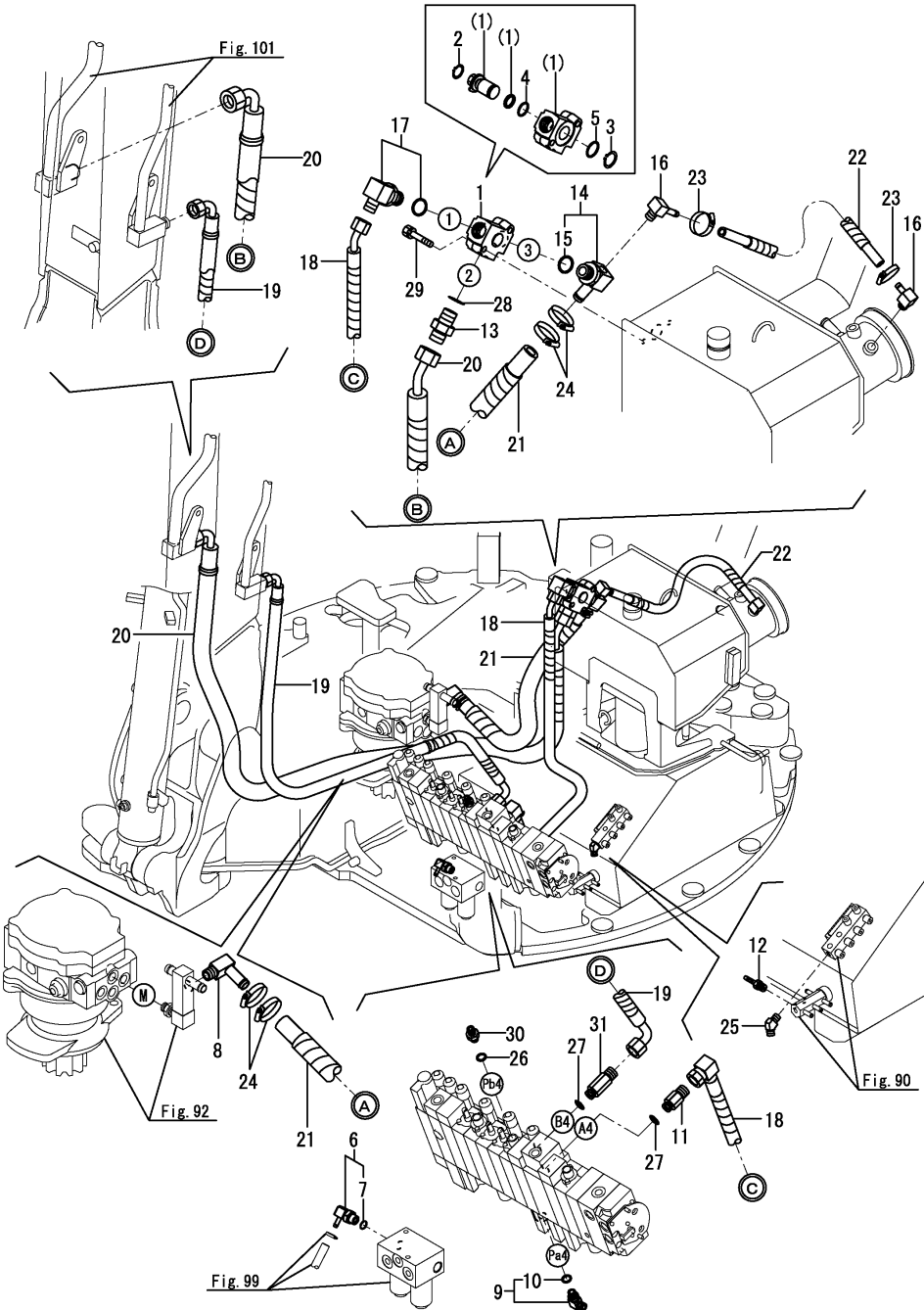
Remarks
(1)Interchangeable by simultaneous replacement with Ref.No.10-1,11-1,13-1,14-1,16-1,18-2,20.

										OCS10-M52701 Fig.99					
										(A)=VIO27-5B(US)		(D)=VIO27-5B(SG)			
										(B)=VIO27-5B(AS)		(E)=			
										(C)=VIO27-5B(NZ)		(F)=			
No.	Lev.	Parts No.	Description				Q'ty						I	R	
							(A)	(B)	(C)	(D)	(E)	(F)			
20	1	172186-76430	NIPPLE, ELBOW				1	1	1	1				W	
		(A=M53424)	(B=M53424)	(C=M53424)	(D=M53424)										
21	2	24315-000110	O-RING, 1BP11.0				1	1	1	1					

Fig.100. HYD.OIL PIPING(P.T.O. : CONTROL VALVE - BOOM)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

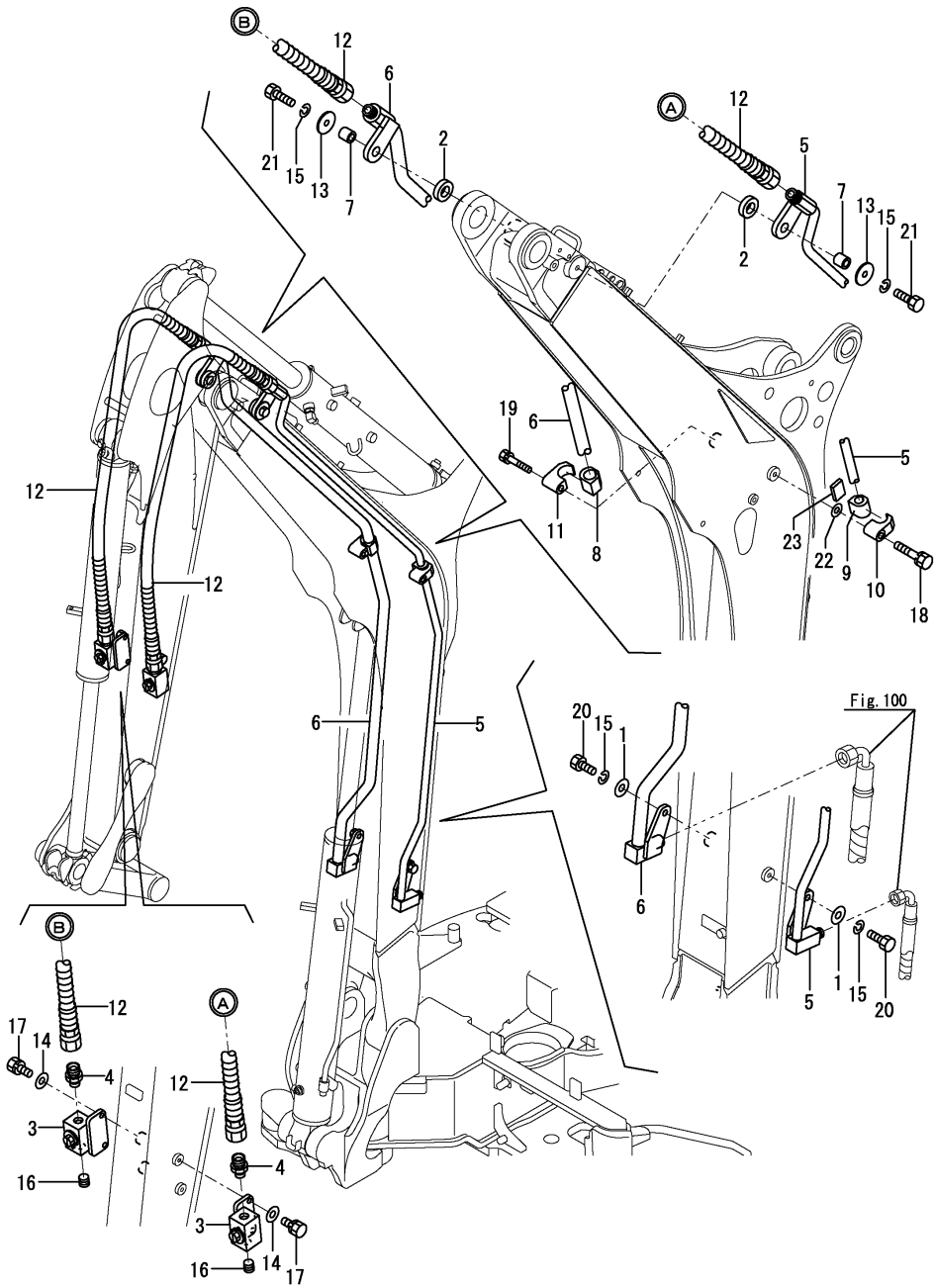


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-74120	VALVE ASSY, CHANGE	1	1	1	1				
1-1	1	172A47-74121	VALVE ASSY, SELECOR	1	1	1	1			N	
(A=M53716) (B=M53716) (C=M53716) (D=M53716)											
2	2	22242-000210	RING, 21	1	1	1	1				
3	2	22242-000250	RING, 25	1	1	1	1				
4	2	24315-000210	O-RING, 1BP21.0	1	1	1	1				
5	2	24315-000250	O-RING, 1BP25.0	1	1	1	1				
6	1	172A47-76120	NIPPLE, ELBOW	1	1	1	1			Z	
(A=M53424) (B=M53424) (C=M53424) (D=M53424)											
7	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
8	1	172455-76160	ELBOW	1	1	1	1				
9	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
10	2	41851-000110	O-RING	1	1	1	1				
11	1	172422-76180	CONNECTOR, PF3/8X1/2	1	1	1	1				
12	1	172141-76220	NIPPLE	1	1	1	1				
13	1	172142-76240	JOINT	1	1	1	1				
14	1	172A46-76130	NIPPLE, ELBOW	1	1	1	1				
15	2	24315-000240	O-RING, 1BP24.0	1	1	1	1				
16	1	172168-76370	ELBOW	2	2	2	2				
17	1	172534-76760	ELBOW	1	1	1	1				
18	1	172A46-78771	HOSE	1	1	1	1				
19	1	172A46-78781	HOSE	1	1	1	1				
20	1	172A46-78791	HOSE	1	1	1	1				
21	1	172A46-78801	HOSE	1	1	1	1				
22	1	172A46-78811	HOSE	1	1	1	1				
23	1	23001-016000	CLAMP, HOSE 16	2	2	2	2				
24	1	23001-025000	CLAMP, HOSE 25	4	4	4	4				
25	1	23394-020000	JOINT, 45RGI-1/4	1	1	1	1				
26	1	24315-000110	O-RING, 1BP11.0	1	1	1	1				
26-1	1	41851-000110	O-RING	1	1	1	1			N	
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
27	1	24315-000140	O-RING, 1BP14.0	2	2	2	2				
27-1	1	41851-000140	O-RING	2	2	2	2			N	
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
28	1	24315-000240	O-RING, 1BP24.0	1	1	1	1				
28-1	1	41851-000240	O-RING	1	1	1	1			N	
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
29	1	26013-100502	BOLT, M10X 50	2	2	2	2				
30	1	172123-76121	ADAPTER	1	1	1	1				
31	1	172192-76340	CONNECTOR	1	1	1	1				

Fig.101. HYD.OIL PIPING(P.T.O. : BOOM - ARM END)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

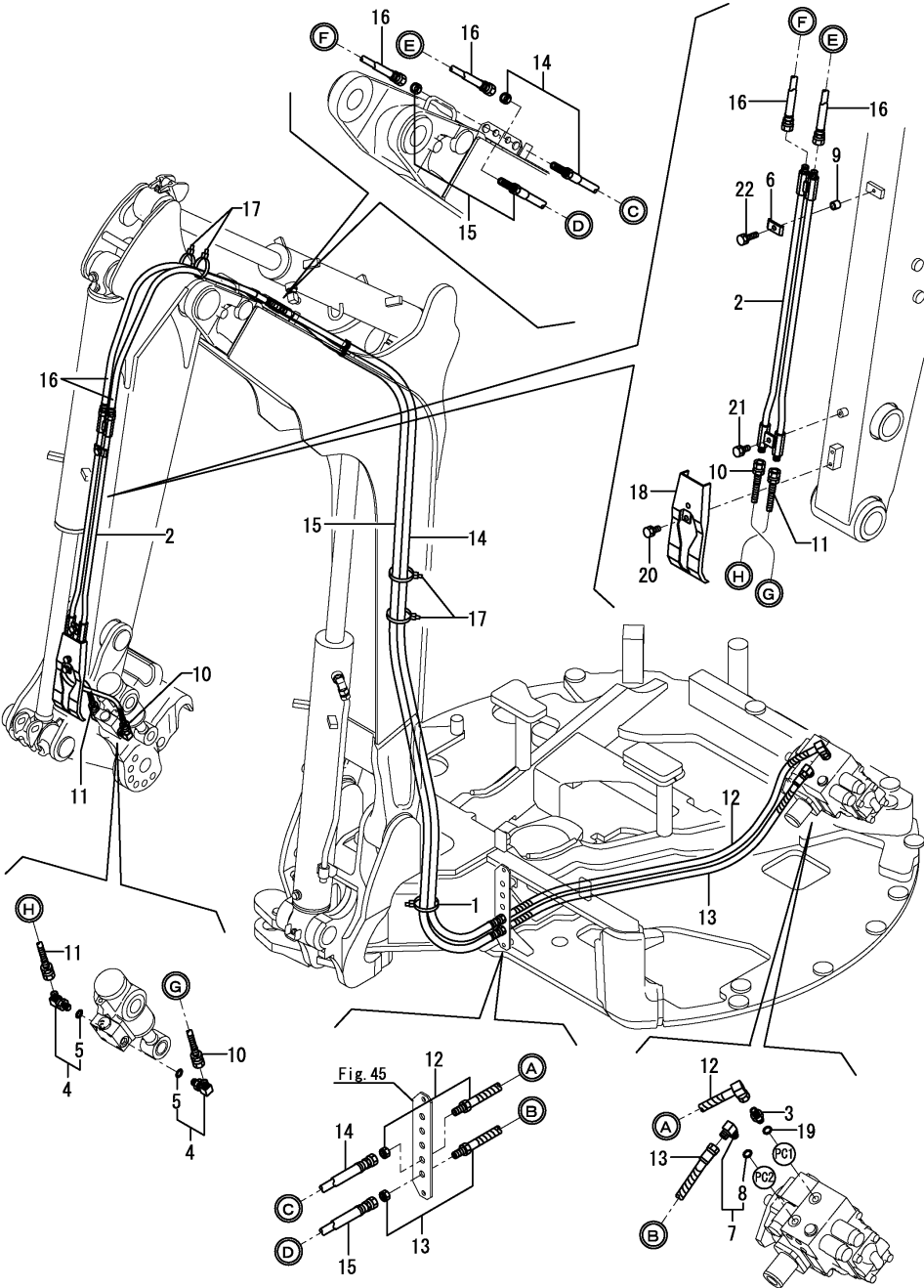


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172147-13150	WASHER	2	2	2	2				
1-1	1	172147-13151	WASHER	2	2	2	2			N	
(A=M53448) (B=M53448) (C=M53448) (D=M53448)											
2	1	172A52-14200	PAD, ABSORBER	2	2	2	2				
3	1	172183-74821-3	VALVE, STOP	2	2	2	2				
3-1	1	172183-74822-3	VALVE ASSY, STOP	2	2	2	2			N	
(A=M53420) (B=M53420) (C=M53420) (D=M53420)											
3-2	1	172183-74822-Y	VALVE, STOP	2	2	2	2			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
4	1	172633-76160	ADAPTER	2	2	2	2				
4-1	1	172162-76141	ADAPTER, 1/2-3/4	2	2	2	2			N	
(A=M53171) (B=M53171) (C=M53171) (D=M53171)											
5	1	172A44-76401-2	TUBE ASSY, PTO	1	1	1	1				
5-1	1	172A44-76401-Y	TUBE ASSY, PTO	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
6	1	172A44-76451-2	TUBE ASSY, PTO	1	1	1	1				
6-1	1	172A44-76451-Y	TUBE ASSY, PTO	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
7	1	172A47-76460	COLLAR	2	2	2	2				
8	1	172A46-76471	RUBBER, TUBE	1	1	1	1				
9	1	172A46-76481	RUBBER, TUBE	1	1	1	1				
10	1	172142-76940-2	CLAMP	1	1	1	1				
10-1	1	172142-76940-Y	CLAMP	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
11	1	172151-76990-2	CLAMP	1	1	1	1				
11-1	1	172151-76990-Y	CLAMP	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
12	1	172A44-78850	HOSE	2	2	2	2				
12-1	1	172A44-78851	HOSE G212BB086W	2	2	2	2			N	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
13	1	172146-82910	SPACER	2	2	2	2				
14	1	22117-100000	WASHER, 10	4	4	4	4				
15	1	22217-120000	WASHER, SPRING 12	4	4	4	4				
16	1	23871-040000	PLUG, R04	2	2	2	2				
17	1	26013-100252	BOLT, M10X 25	4	4	4	4				
18	1	26013-120552	BOLT, M12X 55	1	1	1	1				
18-1	1	26013-120602	BOLT, M12X 60	1	1	1	1			N	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
19	1	26013-120602	BOLT, M12X 60	1	1	1	1				
20	1	26076-120302	BOLT, 10.912X 30	2	2	2	2				
21	1	26076-120402	BOLT, 10.912X 40	2	2	2	2				
22	1	172149-66550	WASHER	1	1	1	1			W	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
23	1	172A46-76530	PLATE, RUBBER	1	1	1	1			W	
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											

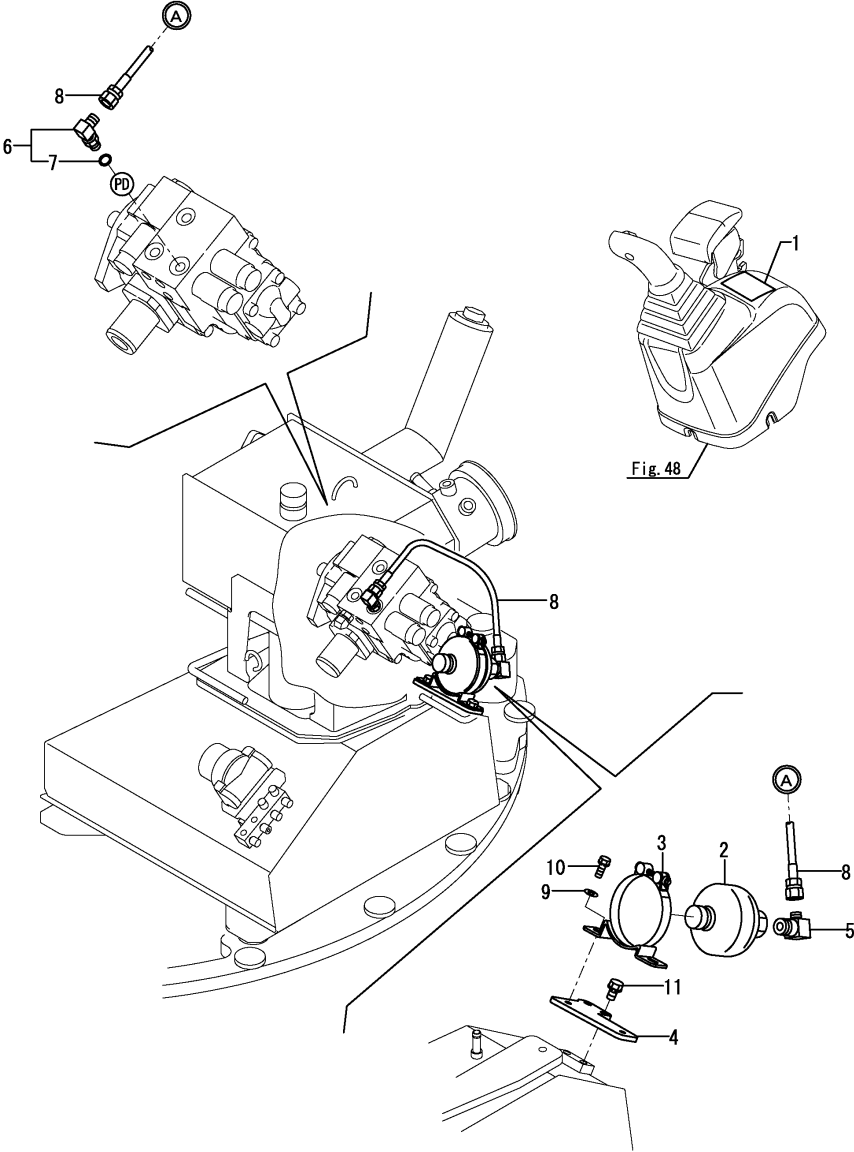
Fig.102. HYD.OIL PIPING(QUICK COUPLER)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

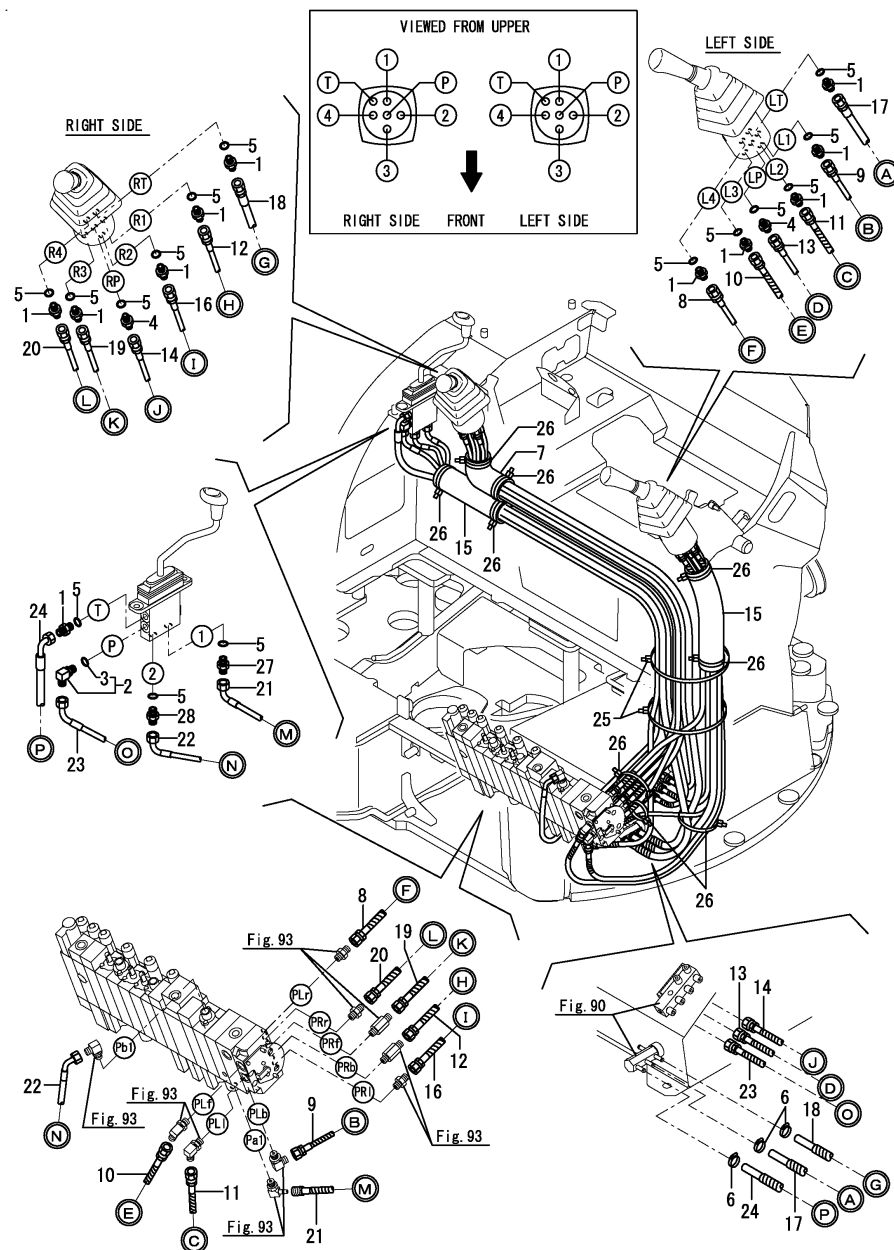
(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194202-56460	BAND, 200	2	2	2	2				
2	1	172958-76102-2	TUBE, HITCH	1	1	1	1				
2-1	1	172958-76102-Y	TUBE, HITCH	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
3	1	172123-76121	ADAPTER	1	1	1	1				
4	1	172958-76130	ELBOW	2	2	2	2				
5	2	24315-000110	O-RING, 1BP11.0	2	2	2	2				
6	1	172110-76170-3	PLATE	1	1	1	1				
6-1	1	172110-76170	PLATE	1	1	1	1				R
(A=MZZZZZ) (B=MZZZZZ) (C=MZZZZZ) (D=MZZZZZ)											
7	1	172141-76181	CONNECTOR ASSY, 02FF	1	1	1	1				
8	2	41851-000110	O-RING	1	1	1	1				
9	1	172137-76580	COLLAR	1	1	1	1				
10	1	172958-78200	HOSE	1	1	1	1				
11	1	172958-78210	HOSE	1	1	1	1				
12	1	172A46-78900	HOSE	1	1	1	1				
13	1	172A46-78910	HOSE	1	1	1	1				
14	1	172A44-78960	HOSE	1	1	1	1				
15	1	172A44-78970	HOSE	1	1	1	1				
16	1	172A84-78980	HOSE	2	2	2	2				
17	1	172122-79930	CLAMP, HOSE	4	4	4	4				
18	1	172958-81903-2	COVER, ARM	1	1	1	1				
18-1	1	172958-81904	COVER, ARM	1	1	1	1				N
(A=M53392) (B=M53392) (C=M53392) (D=M53392)											
18-2	1	172958-81904-Y	COVER, ARM	1	1	1	1				S
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
19	1	24315-000110	O-RING, 1BP11.0	1	1	1	1				
19-1	1	41851-000110	O-RING	1	1	1	1				N
(A=M53092) (B=M53092) (C=M53092) (D=M53092)											
20	1	26013-080162	BOLT, M8X 16	2	2	2	2				
21	1	26013-080162	BOLT, M8X 16	1	1	1	1				
22	1	26013-080252	BOLT, M8X 25	1	1	1	1				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03371	LABEL,PTO EX	1	1	1	1				
2	1	172478-73600	ACCUMULATOR	1	1	1	1				
3	1	172478-73630	CLAMP	1	1	1	1				
4	1	172A46-75440	BRACKET	1	1	1	1				
5	1	172478-76200	CONNECTOR	1	1	1	1				
6	1	172141-76920	CONNECTOR ASSY	1	1	1	1				
7	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
8	1	172480-78940	HOSE	1	1	1	1				
9	1	22137-080000	WASHER, 8	2	2	2	2				
10	1	26013-080162	BOLT, M8X 16	2	2	2	2				
11	1	26013-100162	BOLT, M10X 16	2	2	2	2				



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	11	11	11	11				
2	1	172958-76130	ELBOW	1	1	1	1				
3	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
4	1	172455-76220	CONNECTOR	2	2	2	2				
5	1	24315-000110	O-RING, 1BP11.0	15	15	15	15				
5-1	1	41851-000110	O-RING	15	15	15	15				N
	(A=M53092)	(B=M53092)	(C=M53092)	(D=M53092)							
6	1	23000-013000	CLAMP, 13	3	3	3	3				
7	1	172458-63641	SPONGE, HOSE	1	1	1	1				
8	1	172A47-78503	HOSE	1	1	1	1				
9	1	172A47-78513	HOSE	1	1	1	1				
10	1	172A47-78522	HOSE	1	1	1	1				
11	1	172A47-78532	HOSE	1	1	1	1				
12	1	172A47-78542	HOSE	1	1	1	1				
13	1	172A47-78553	HOSE	1	1	1	1				
14	1	172A47-78561	HOSE	1	1	1	1				
15	1	172458-78571	SPONGE, HOSE	2	2	2	2				
16	1	172A47-78632	HOSE	1	1	1	1				
17	1	172A47-78642	HOSE	1	1	1	1				
18	1	172A47-78652	HOSE	1	1	1	1				
19	1	172A47-78882	HOSE	1	1	1	1				
20	1	172A47-78892	HOSE	1	1	1	1				
21	1	172A47-78921	HOSE	1	1	1	1				
22	1	172A47-78931	HOSE	1	1	1	1				
23	1	172A47-78942	HOSE	1	1	1	1				
24	1	172A47-78952	HOSE	1	1	1	1				
25	1	172122-79890	CLAMP, HOSE	2	2	2	2				
26	1	172122-79930	CLAMP, HOSE	13	13	13	13				
27	1	172164-76330	JOINT, PF1/4-0.7	1	1	1	1				
28	1	172A47-76171	CONNECTOR, G1/4X0.6	1	1	1	1				

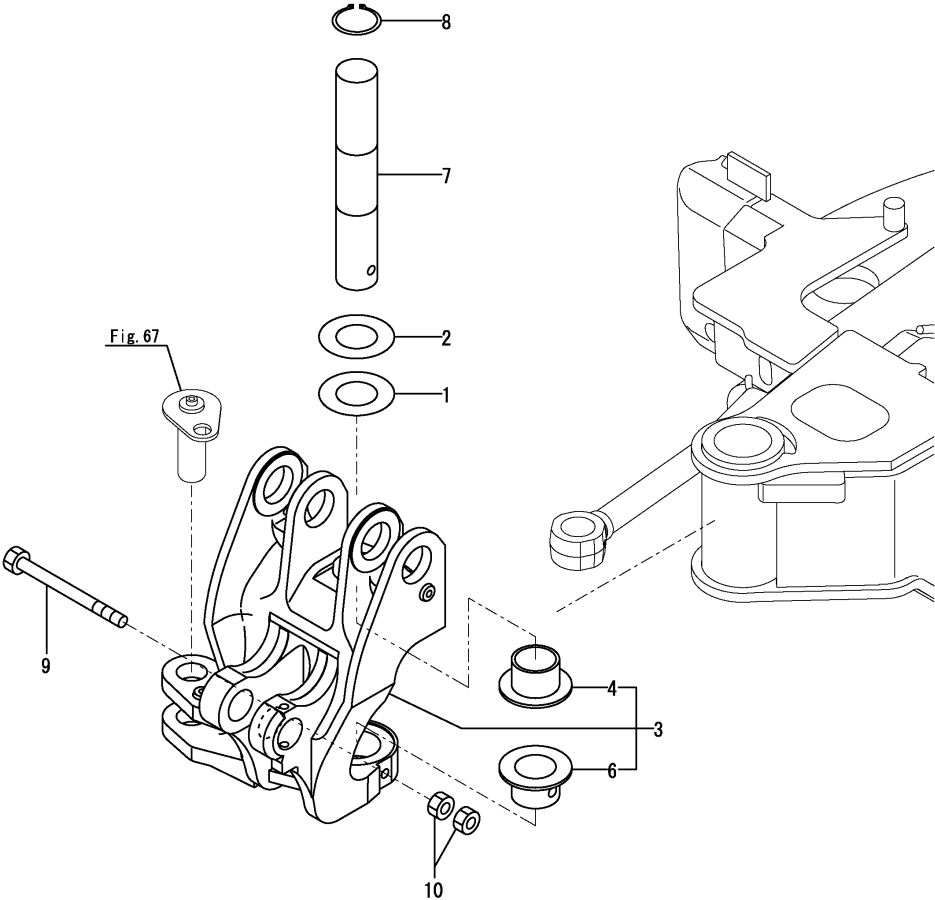
* Fitting(control valve) is shown in Fig.93.

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)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

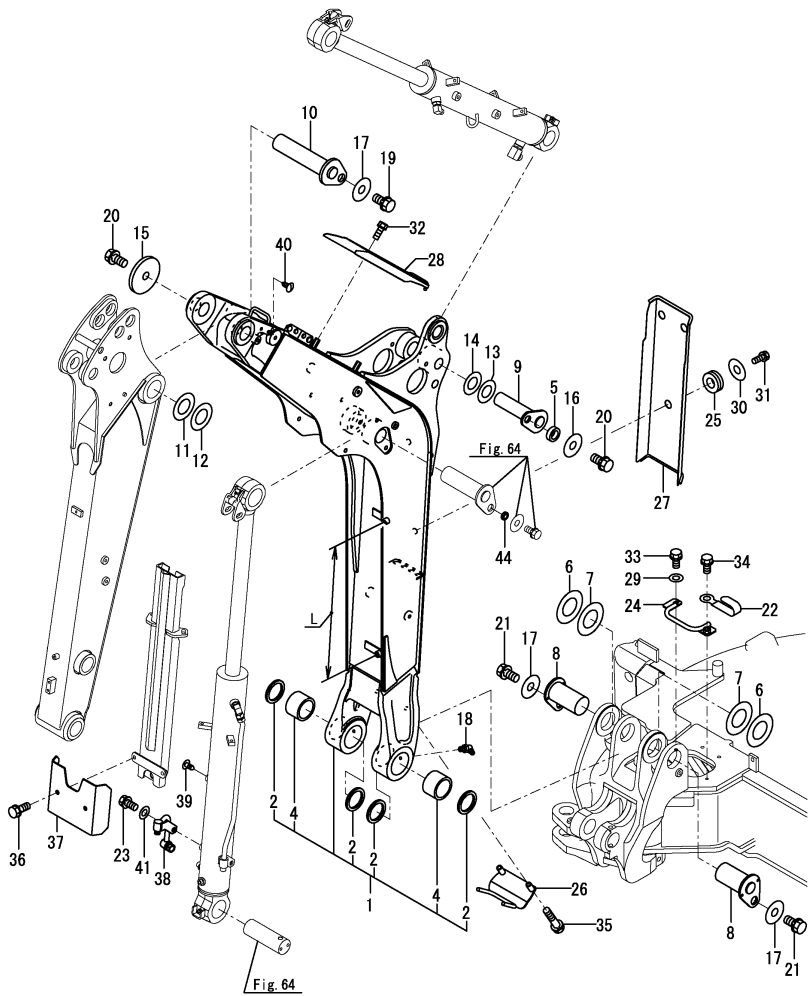
(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172175-81700	SHIM	1	1	1	1				
2	1	172175-81710	SHIM	1	1	1	1				
3	1	172458-82300-2	BRACKET, BOOM	1	1	1	1				
3-1	1	172458-82300-Y	BRACKET, BOOM	1	1	1	1			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
4	2	172142-82310	BUSH 60X50	1	1	1	1				
6	2	172458-82320	BUSH 60X50	1	1	1	1				
7	1	172458-82330	PIN 60X334.5	1	1	1	1				
8	1	22242-000600	RING, 60	1	1	1	1				
9	1	26206-141502	BOLT, M14X150 PLATED	1	1	1	1				
10	1	26716-140002	NUT, M14	2	2	2	2				

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

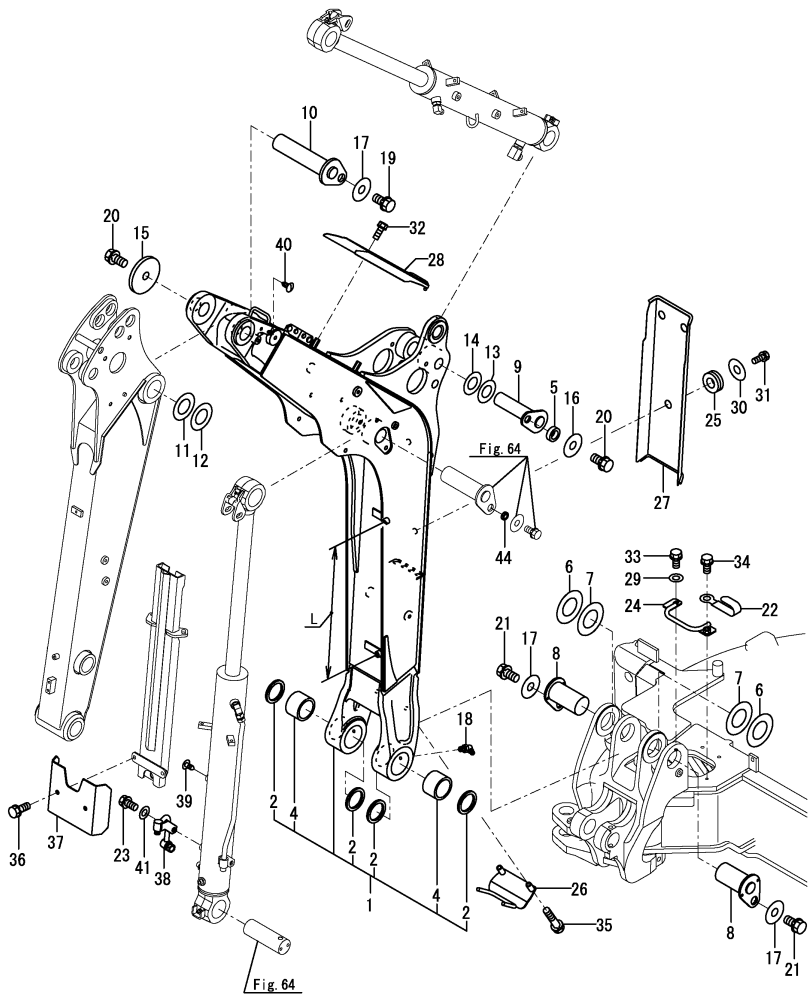


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A84-81100	BOOM ASSY	1	1	1	1				1
1-1	1	172A84-81101	BOOM ASSY,EX (2J)	1	1	1	1			S	1
(A=M/#53131) (B=M/#53137) (C=M/#53136) (D=M/#53092)											
1-2	1	172A84-81101-Y	BOOM ASSY,EX	1	1	1	1			S	1
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
2	2	172020-10620	SEAL, DUST	4	4	4	4				
4	2	172458-81400	BUSH	2	2	2	2				
5	1	172164-81670	SPACER	1	1	1	1				
6	1	172175-81700	SHIM	2	2	2	2				
7	1	172175-81710	SHIM	2	2	2	2				
8	1	172458-81800	PIN ASSY	2	2	2	2				
9	1	172A44-81910	PIN ASSY(40X168	1	1	1	1				
10	1	172A46-81930	PIN ASSY	1	1	1	1				
11	1	172165-82520	SHIM	1	1	1	1				
12	1	172165-82530	SHIM	1	1	1	1				
13	1	172165-82580	SHIM	1	1	1	1				
14	1	172165-82590	SHIM	1	1	1	1				
15	1	172146-82910	SPACER	1	1	1	1				
16	1	22157-120000	WASHER, 12	1	1	1	1				
17	1	22157-120000	WASHER, 12	3	3	3	3				
18	1	24761-050000	NIPPLE, GREASE C	2	2	2	2				
19	1	26013-120202	BOLT, M12X 20	1	1	1	1				
20	1	26013-120252	BOLT, M12X 25	2	2	2	2				
21	1	26013-120302	BOLT, M12X 30	2	2	2	2				
22	1	172126-16540	CLAMP	1	1	1	1				
23	1	26013-100202	BOLT, M10X 20	1	1	1	1				
24	1	172A46-61150-2	COVER, HOSE	1	1	1	1				
24-1	1	172A46-61150-Y	COVER, HOSE	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
25	1	172137-62970	GROMMET	3	3	3	3				
26	1	172A46-79300-2	GUIDE, HOSE	1	1	1	1				
26-1	1	172A46-79300-Y	GUIDE, HOSE	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
27	1	172A46-81800-2	COVER, BOOM	1	1	1	1				2
27-1	1	172A46-81800-Y	COVER, BOOM	1	1	1	1			S	2
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
28	1	172A44-81950-2	COVER ASSY, BOOM	1	1	1	1				
28-1	1	172A44-81950-Y	COVER ASSY, BOOM	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
29	1	22137-100000	WASHER, 10	1	1	1	1				
30	1	22157-080000	WASHER, 8	3	3	3	3				
31	1	26013-080162	BOLT, M8X 16	3	3	3	3				
32	1	26013-080162	BOLT, M8X 16	2	2	2	2				
33	1	26013-100202	BOLT, M10X 20	1	1	1	1				
34	1	26013-100302	BOLT, M10X 30	1	1	1	1				
35	1	26013-100452	BOLT, M10X 45	2	2	2	2				
36	1	26013-100202	BOLT, M10X 20	2	2	2	2				
37	1	172A46-72680-2	COVER, HOSE	1	1	1	1				
37-1	1	172A46-72680-N	COVER, HOSE	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
38	1	172A47-72770-2	PIPE ASSY, BOOM	1	1	1	1				

Remarks
(1)Please use this part with following label at the same time.
Ref.No.42A,42B,42C.
L=Ref.No.1:480mm, No.1-1:380mm.
(2)Please use this part with following label at the same time.
Ref.No.43A,43B,43C.
(3)Label is not illustrated.

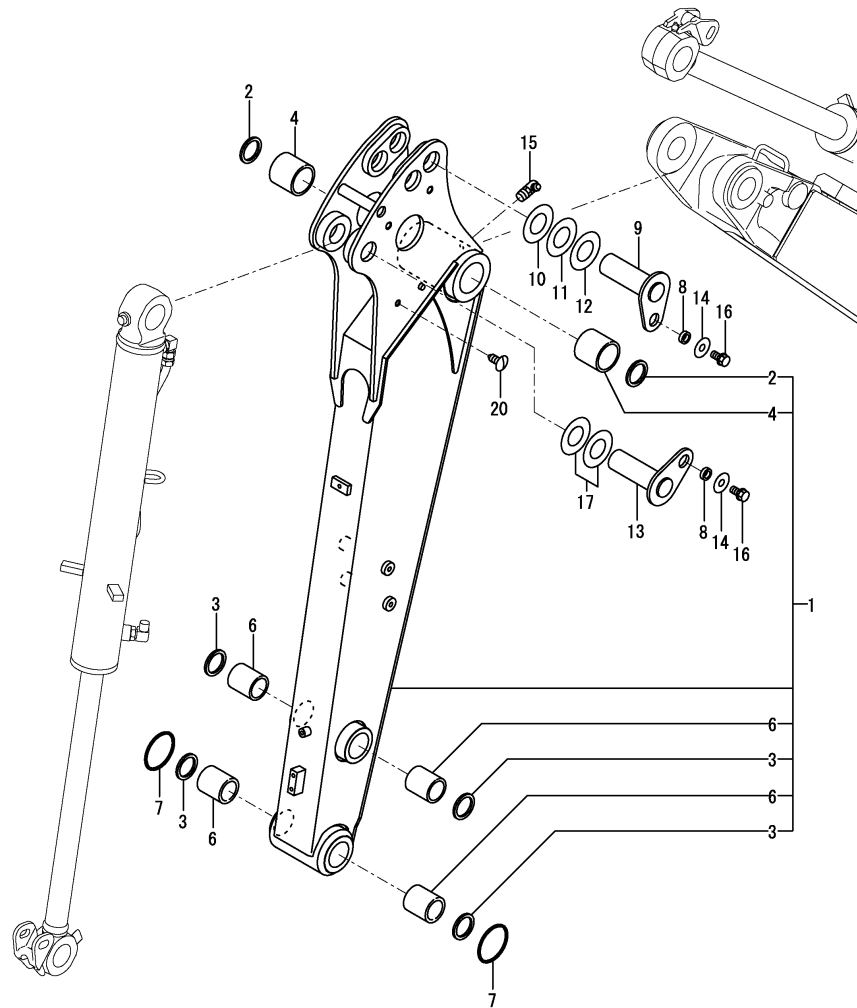
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
38-1	1	172A47-72770-N (A=M54001) (B=M54001)	PIPE ASSY, BOOM (C=M54001) (D=M54001)	1	1	1	1			S	
39	1	172183-81160	CLIP, TREE	1	1	1	1				
40	1	172183-81160	CLIP, TREE	2	2	2	2				
41	1	22137-100000	WASHER, 10	1	1	1	1				
42A	1	172437-03461	LABEL, BOOM	2	2	2	2				3
42B	1	172437-03511	LABEL, HOOK	1	1	1	1				3
42C	1	172531-03030	LABEL, YANMAR	2	2	2	2				3
42C-1	1	172A77-03030	LABEL, YANMAR	2	2	2	2			S	3
43A	1	172472-03271 (A=M54001) (B=M54001)	LABEL, SANDUS (C=M54001) (D=M54001)	1	1	1	1				3
43B	1	172472-03281	LABEL, WARNING HITCH	1	1	1	1				3
43C	1	172437-03432	LABEL, STEERING	1	1	1	1				3
44	1	172A85-81350	SPACER, BOOM	1	1	1	1				

Remarks
(1)Please use this part with following label at the same time.
Ref.No.42A,42B,42C.
L=Ref.No.1:480mm, No.1-1:380mm.
(2)Please use this part with following label at the same time.
Ref.No.43A,43B,43C.
(3)Label is not illustrated.

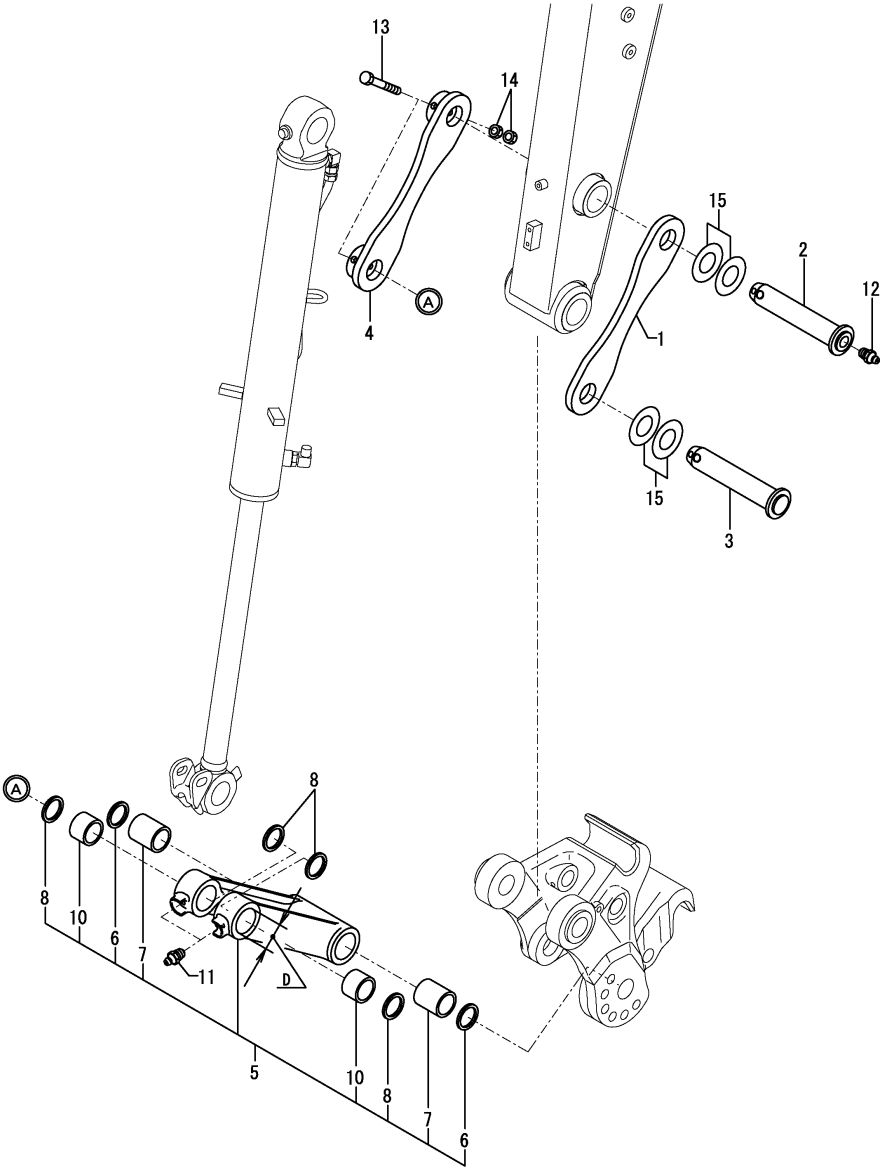


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-81501	ARM ASSY, 1150	1	1	1	1				1
1-1	1	172A44-81501-Y	ARM ASSY, 1150	1	1	1	1				S 1
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
2	2	172448-54120	SEAL, DUST	2	2	2	2				
3	2	172168-81270	SEAL, DUST	4	4	4	4				
4	2	172444-81310	BUSH, PIN	2	2	2	2				
6	2	172458-81630	BUSH	4	4	4	4				
7	1	172142-81620	O-RING	2	2	2	2				
8	1	172164-81670	SPACER	2	2	2	2				
9	1	172457-81880	PIN 40X116 ASSY	1	1	1	1				
10	1	172A25-81900	SHIM	1	1	1	1				
11	1	172165-82580	SHIM	1	1	1	1				
12	1	172165-82590	SHIM	1	1	1	1				
13	1	172458-83710	PIN ASSY	1	1	1	1				
14	1	22157-120000	WASHER, 12	2	2	2	2				
15	1	24761-040000	NIPPLE, GREASE B	1	1	1	1				
16	1	26013-120252	BOLT, M12X 25	2	2	2	2				
17	1	933171-29751	SHIM SET	1	1	1	1				
20	1	172183-81160	CLIP, TREE	1	1	1	1				
21A	1	172472-03261	LABEL, FINGER	1	1	1	1				2
21B	1	172472-03330	LABEL, LOCK PIN	1	1	1	1				2
21C	1	172472-03230	LABEL, OPERATION	1	1	1	1				2

(2) Label is not illustrated.

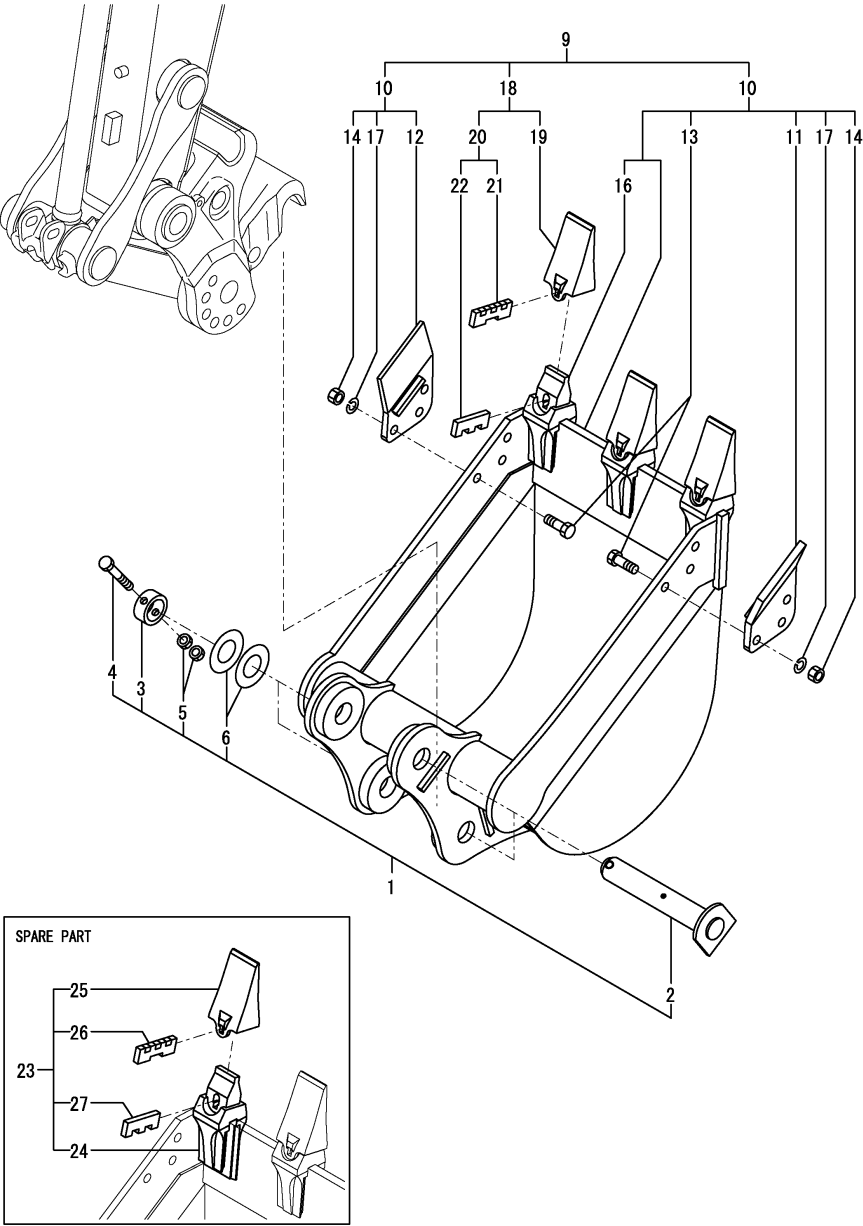
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

OCS10-M52701 IMPLEMENT
Fig.108. BUCKET ARM & LINK



Remarks
(1)D=Ref.No.5-1:48mm, No.5-2:50mm.

										OCS10-M52701				Fig.108			
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)				(D)=VIO27-5B(SG) (E)= (F)=			
No.	Lev.	Parts No.		Description				Q'ty				I R					
								(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172164-81820-1	ARM, BUCKET					1	1	1	1						
1-1	1	172164-81820-Y	ARM, BUCKET					1	1	1	1				S		
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)												
2	1	172458-81860	PIN ASSY					1	1	1	1						
3	1	172458-81890	PIN ASSY					1	1	1	1						
4	1	172458-82600-2	ARM, BUCKET					1	1	1	1						
4-1	1	172458-82600-Y	ARM, BUCKET					1	1	1	1				S		
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)												
5	1	172458-82651-2	LINK, BUCKET					1	1	1	1						
5-1	1	172458-82651-Y	LINK, BUCKET					1	1	1	1				S		
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)												
5-2	1	172B03-82601	LINK ASSY,BUCKET					1	1	1	1				R 1		
		(A=M53830)	(B=M53830)	(C=M53830)	(D=M53830)												
6	2	172168-81270	SEAL, DUST					2	2	2	2						
7	2	172458-81630	BUSH					2	2	2	2						
8	2	172122-82290	SEAL, DUST					4	4	4	4						
8-1	2	172168-81270	SEAL, DUST					4	4	4	4				S 1		
		(A=M53830)	(B=M53830)	(C=M53830)	(D=M53830)												
10	2	172168-84411	BUSH					2	2	2	2						
10-1	2	172B03-82621	BUSH, 38X50X33.5					2	2	2	2				S 1		
		(A=M53830)	(B=M53830)	(C=M53830)	(D=M53830)												
11	1	24761-020000	NIPPLE, GREASE PT1/8					2	2	2	2						
12	1	24761-020000	NIPPLE, GREASE PT1/8					1	1	1	1						
13	1	26116-100752	BOLT, M10X 75 PLATED					2	2	2	2						
14	1	26716-100002	NUT, M10					4	4	4	4						
15	1	933171-29751	SHIM SET					2	2	2	2						

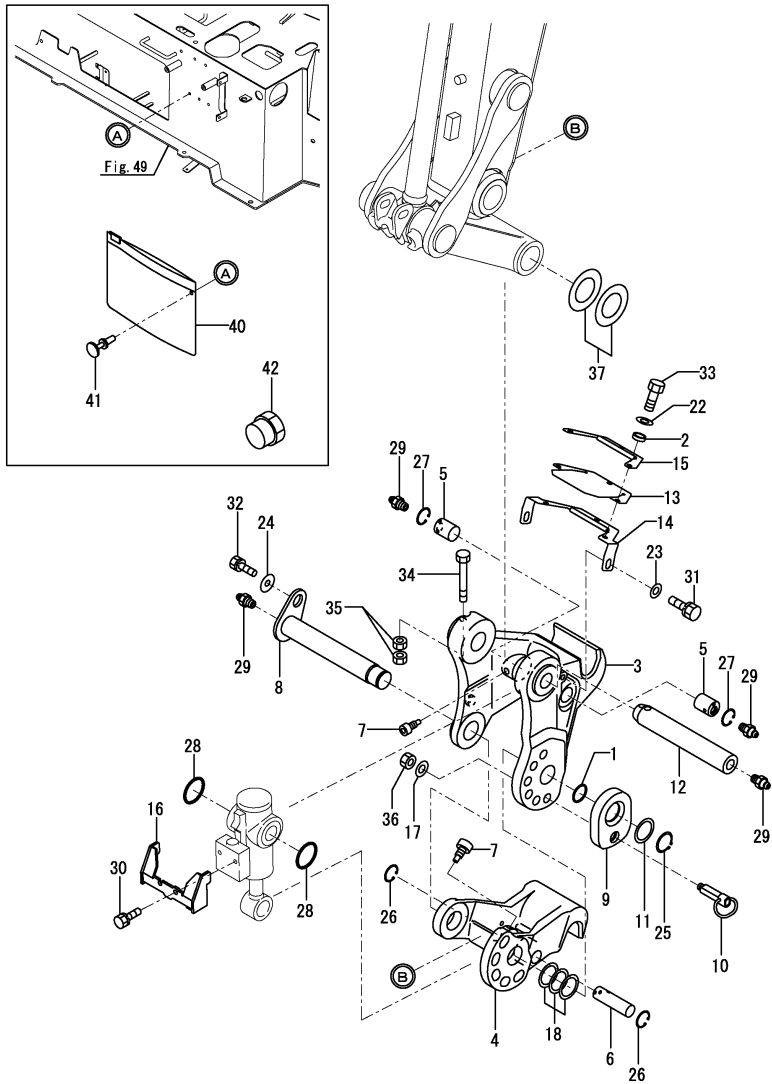


Remarks
(1)Spare parts.

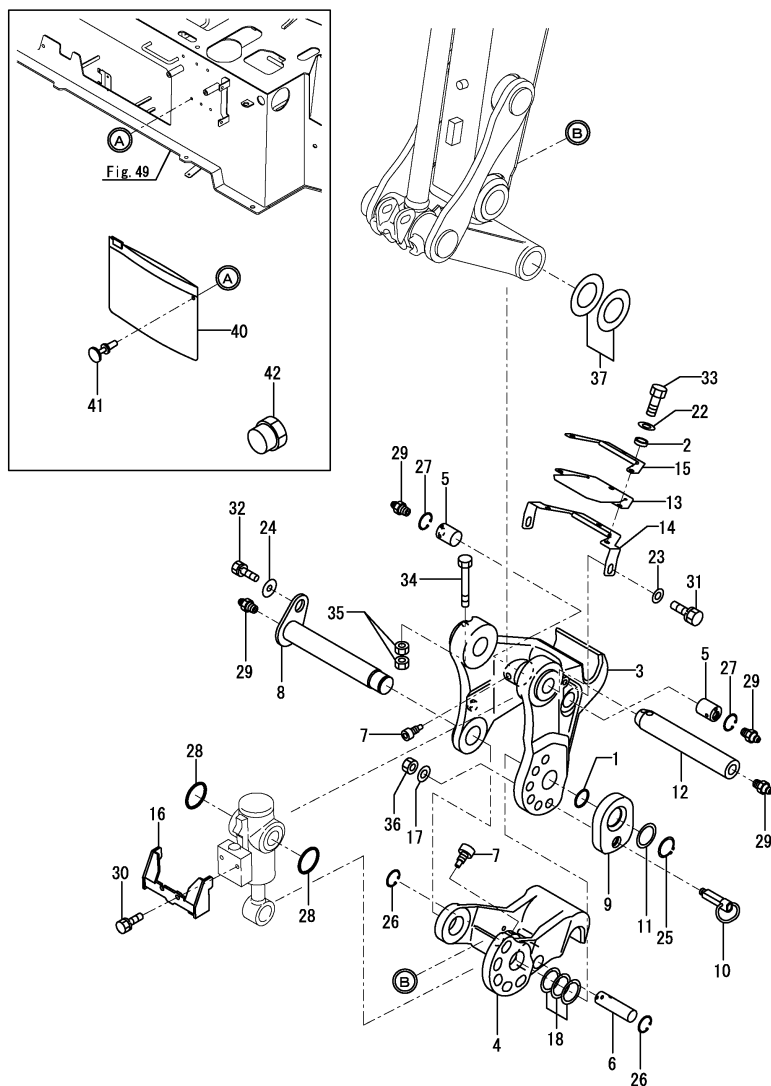
OCS10-M52701 Fig.109												
				(A)=VIO27-5B(US)	(D)=VIO27-5B(SG)							
				(B)=VIO27-5B(AS)	(E)=							
				(C)=VIO27-5B(NZ)	(F)=							
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R	
1	1	172958-81590	PIN KIT, BUCKET		2	2	2					
2	2	172958-81600	PIN ASSY		2	2	2					
3	2	172164-81700	COLLAR		2	2	2					
4	2	26116-100652	BOLT, M10X 65 PLATED		2	2	2					
5	2	26716-100002	NUT, M10		4	4	4					
6	2	933171-29751	SHIM SET		2	2	2					
9	1	172458-82500-3	BUCKET ASSY, 490S			1	1					
9-1	1	172458-82500-N	BUCKET ASSY, 490S (C=M54001) (D=M54001)			1	1			S		
10	2	172458-82580-3	BUCKET ASSY, 490S			1	1					
10-1	2	172458-82580-N	BUCKET ASSY, 490S (C=M54001) (D=M54001)			1	1			S		
11	3	172458-82240-3	CUTTER, SIDE			1	1					
11-1	3	172458-82240-4	CUTTER, SIDE (C=M54001) (D=M54001)			1	1			S		
12	3	172458-82260-3	CUTTER, SIDE			1	1					
12-1	3	172458-82260-4	CUTTER, SIDE (C=M54001) (D=M54001)			1	1			S		
13	3	172458-82280	BOLT			6	6					
14	3	172458-82290	NUT			6	6					
16	4	172458-82231	ADAPTER			3	3					
17	3	22217-140000	WASHER, SPRING 14			6	6					
18	2	172448-82950	TOOTH KIT, POINT			3	3					
19	3	172448-82570	TOOTH, POINT			3	3					
20	3	172448-82960	PIN ASSY, LOCK			3	3					
21	4	172448-82580	PIN, LOCK			3	3					
22	4	172448-82590	RUBBER, PIN			3	3					
23	1	772458-82231	TOOTH ASSY			3	3				1	
24	2	172458-82231	ADAPTER			3	3					
25	2	172448-82570	TOOTH, POINT			3	3					
26	2	172448-82580	PIN, LOCK			3	3					
27	2	172448-82590	RUBBER, PIN			3	3					

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172124-46200	O-RING	1	1	1	1				
2	1	172958-17121	COLLAR, 9X4	3	3	3	3				
3	1	172958-83102-2	BRACKET	1	1	1	1				
3-1	1	172958-83102-Y	BRACKET	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
4	1	172958-83111-2	BRACKET	1	1	1	1				
4-1	1	172958-83111-Y	BRACKET	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
5	1	172958-83120	PIN	2	2	2	2				
6	1	172958-83130	PIN	1	1	1	1				
6-1	1	172958-83131	PIN	1	1	1	1				N
		(A=M53094) (B=M53094) (C=M53094) (D=M53094)									
7	1	172958-83140	BOLT	3	3	3	3				
8	1	172958-83150	PIN ASSY	1	1	1	1				
9	1	172958-83171-2	PLATE, LOCK	1	1	1	1				1
9-1	1	172958-83171-Y	PLATE, LOCK	1	1	1	1				S 1
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
10	1	172958-83183	PIN ASSY, LOCK	1	1	1	1				2
11	1	172960-83210	COLLAR	1	1	1	1				
12	1	172958-83220	PIN	1	1	1	1				
13	1	172958-83252	PLATE, RUBBER	1	1	1	1				
14	1	172958-83271-2	GUARD ASSY	1	1	1	1				
14-1	1	172958-83271-Y	GUARD ASSY	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
15	1	172958-83281-2	GUARD ASSY	1	1	1	1				
15-1	1	172958-83281-Y	GUARD ASSY	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
16	1	172958-83292-2	COVER, HITCH	1	1	1	1				
16-1	1	172958-83292-Y	COVER, HITCH	1	1	1	1				S
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
17	1	172958-83330	WASHER	1	1	1	1				
18	1	172141-84601	SHIM	1	1	1	1				
22	1	22137-080000	WASHER, 8	3	3	3	3				
23	1	22137-100000	WASHER, 10	2	2	2	2				
24	1	22157-120000	WASHER, 12	1	1	1	1				
25	1	22242-000350	RING, 35	1	1	1	1				
26	1	22252-000250	RING, 25	2	2	2	2				
27	1	22252-000300	RING, 30	2	2	2	2				
28	1	24311-000480	O-RING, 1AP48.0	2	2	2	2				
29	1	24761-020000	NIPPLE, GREASE PT1/8	4	4	4	4				
30	1	26013-080162	BOLT, M8X 16	2	2	2	2				
31	1	26013-100202	BOLT, M10X 20	2	2	2	2				
32	1	26013-120302	BOLT, M12X 30	1	1	1	1				
33	1	26116-080202	BOLT, M8X 20 PLATED	3	3	3	3				
34	1	26116-100802	BOLT, M10X 80 PLATED	1	1	1	1				
35	1	26716-100002	NUT, M10	2	2	2	2				
36	1	26756-060002	NUT, LOCK M6	1	1	1	1				
37	1	933171-29751	SHIM SET	2	2	2	2				
40	1	172958-05100	CASE, PLUG	1	1	1	1				Z
		(A=M53001) (B=M53001) (C=M53001) (D=M53001)									
41	1	172958-05110	RIVET	1	1	1	1				Z

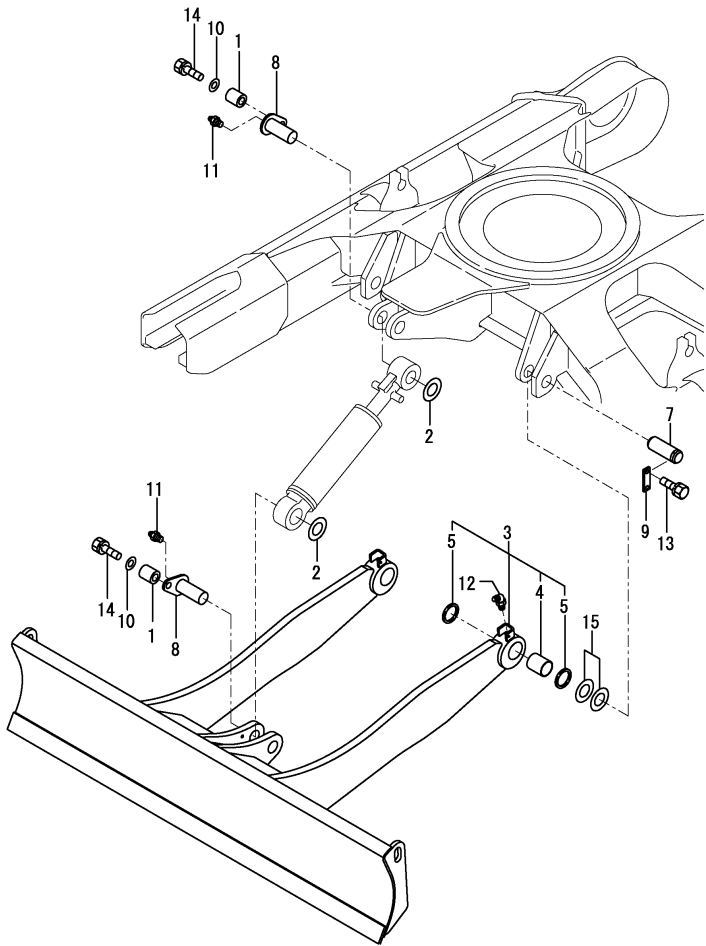


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
42	(A=M53001) 1	(B=M53001) 1E3030-78370	(C=M53001) CAP, SCREW	(D=M53001)	4	4	4	4		Z	
43A	(A=M53001) 1	(B=M53001) 172458-03240	(C=M53001) LABEL, LOCK	(D=M53001)	1	1	1	1			3
44A	(A=M53001) 1	(B=M53001) 172958-03160	(C=M53001) LABEL	(D=M53001)	1	1	1	1			3

(1) Please use this part with following label at the same time.
Ref.No.43A.

(2) Please use this part with following label at the same time.
Ref.No.44A.

(3) Label is not illustrated.



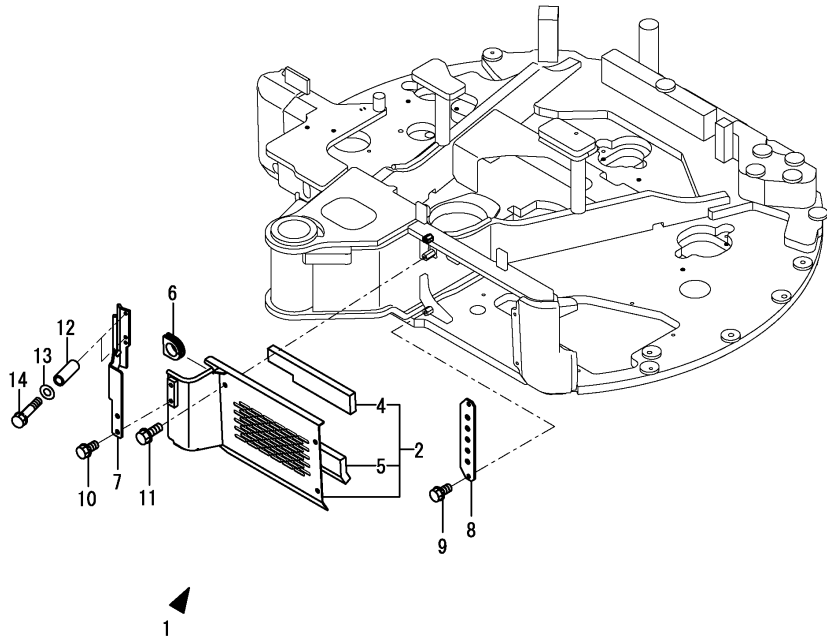
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

OCS10-M52701 Fig.111
(D)=VIO27-5B(SG)
(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				
2	1	172112-87860	SHIM	2	2	2	2				
3	1	172A24-94101-2	BLADE ASSY	1	1	1	1				1
4	2	172168-72240	BUSH	2	2	2	2				
5	2	172168-81270	SEAL, DUST	4	4	4	4				
7	1	172422-94210	PIN	2	2	2	2				
8	1	172142-94241-W	PIN	2	2	2	2				
9	1	172124-94310-5	PLATE, LOCK	2	2	2	2				
10	1	22157-120000	WASHER, 12	2	2	2	2				
11	1	24761-020000	NIPPLE, GREASE PT1/8	2	2	2	2				
12	1	24761-040000	NIPPLE, GREASE B	2	2	2	2				
13	1	26013-100252	BOLT, M10X 25	4	4	4	4				
14	1	26013-120302	BOLT, M12X 30	2	2	2	2				
15	1	933171-29751	SHIM SET	2	2	2	2				
18A	1	172437-03511	LABEL, HOOK	2	2	2	2				2

Remarks
(1)Please use this part with following label at the same time.
Ref.No.18A.
(2)Label is not illustrated.

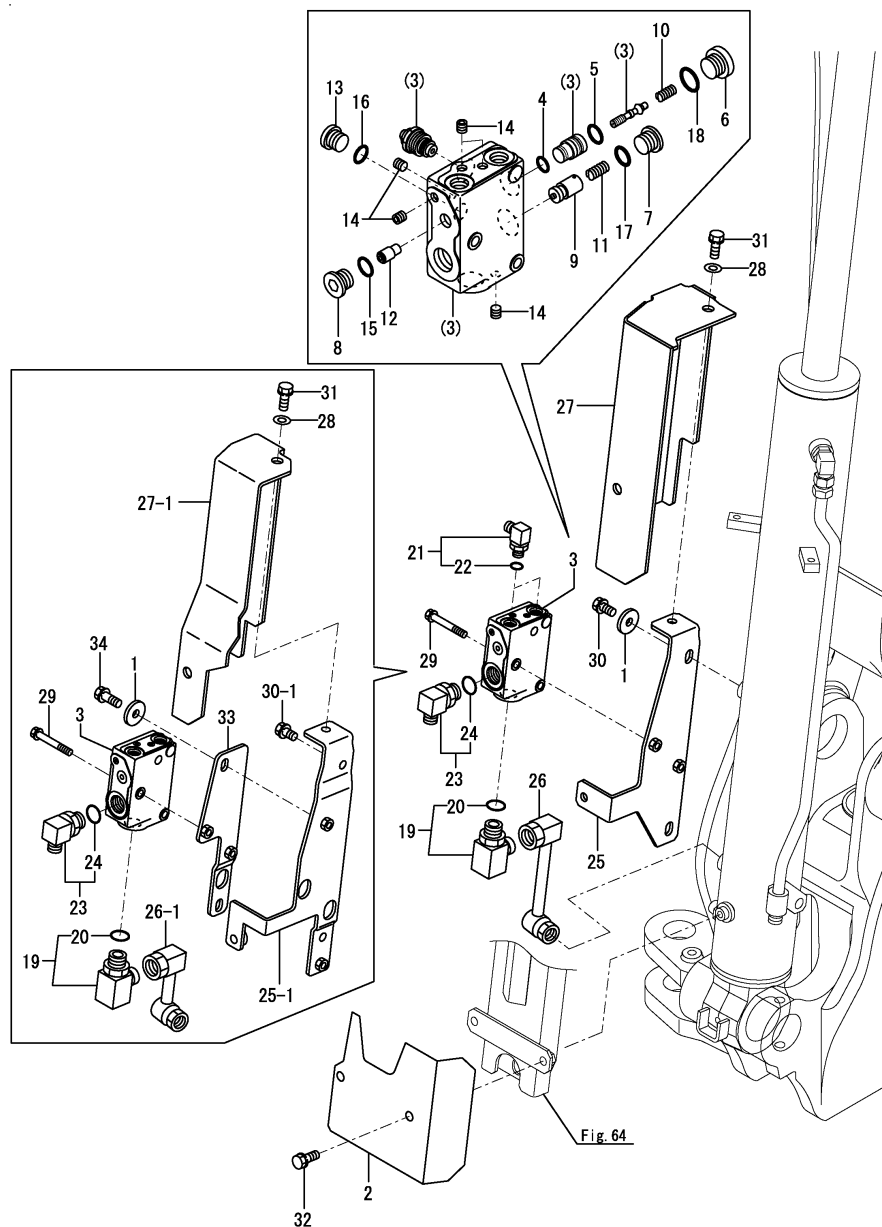
Fig.112. HOLDING VALVE KIT(1)(OPTIONAL)



HOLDING VALVE KIT
Fig. 112 Ref. No. 1
INC. Fig. 112 Ref. No. 2~14.
Fig. 113~116.

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-08520	VALVE KIT, HOLDING (B=M/#53168)		1						W
1-1	1	172A44-08521	HOLDING VALVE KIT (B=M53372)		1						N
1-2	1	172A44-08521-Y	HOLDING VALVE KIT (B=M54001)		1						S
2	2	172A77-61180	COVER		1						
2-1	2	172A77-61270	COVER ASSY (B=M53516)		1						N
4	3	172A77-61190	SPONGE		1						
4-1	3	172A77-61280	SPONGE (B=M53516)		1						N
5	3	172A77-61200	SPONGE		1						
5-1	3	172A77-61290	SPONGE (B=M53516)		1						N
6	2	172165-62800	GROMMET		1						
7	2	172A46-76730	GUIDE ASSY, HOSE		1						
8	2	172A46-79210	PLATE ASSY, HOSE		1						
9	2	26013-100202	BOLT, M10X 20		2						
10	2	26013-100202	BOLT, M10X 20		2						
11	2	26014-100162	BOLT, M10X 16		3						
12	2	172527-13320	COLLAR		2						
13	2	22137-080000	WASHER, 8		2						
14	2	26013-080452	BOLT, M8X 45		2						

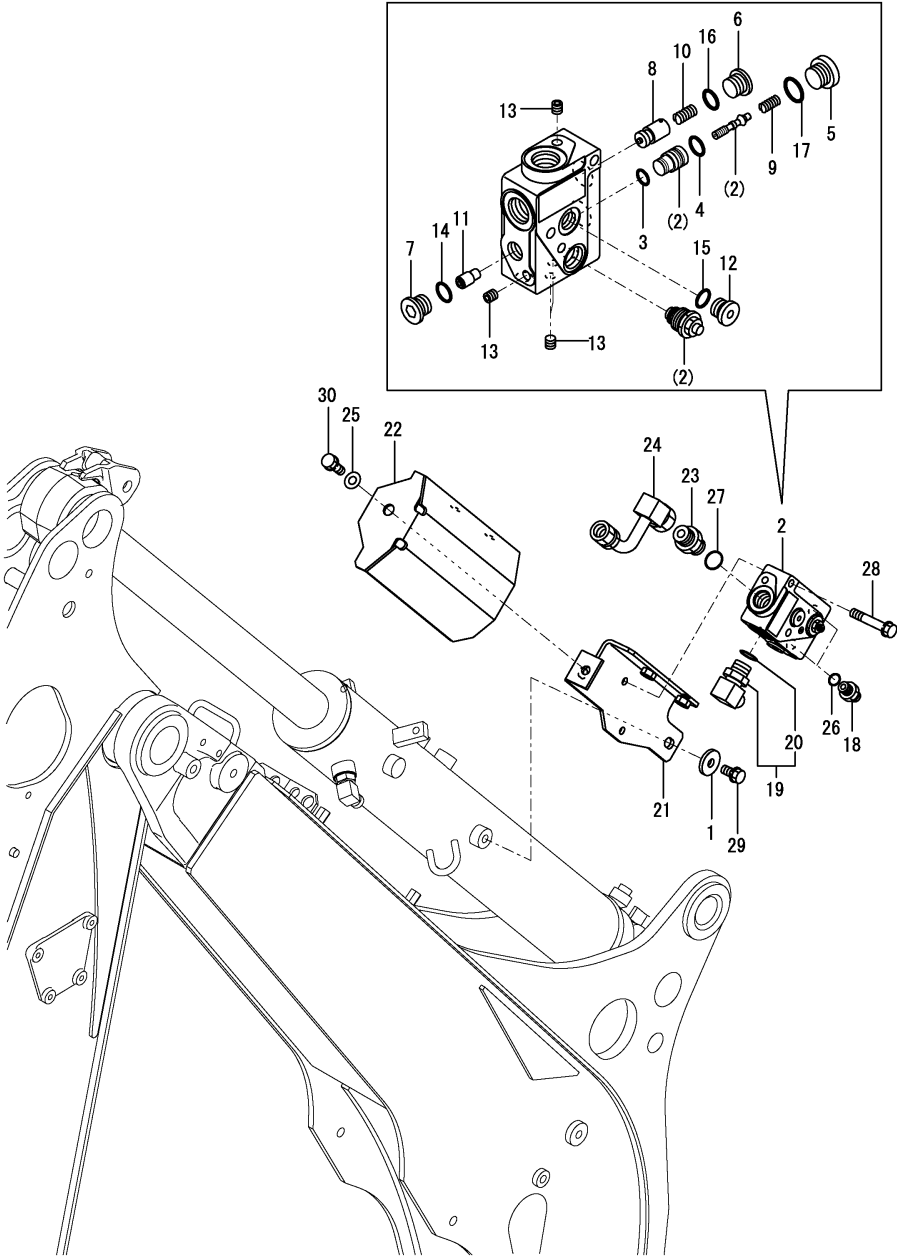


No.	Lev.	Parts No.	Description	(A)	(B)	C'ty (C) (D) (E) (F)	I	R
1	2	172458-61261	WASHER		2			
2	2	172A46-72930-1	COVER, HOSE		1			
2-1	2	172A46-72930-Y	COVER, HOSE		1		S	
		(B=M54001)						
3	2	172A25-74401	HOLD VALVE,BOOM&ARM		1			
4	3	172A25-74420	O-RING		1			
5	3	172A25-74430	O-RING		1			
6	3	172A25-74440	PLUG		1			
7	3	172A25-74450	PLUG		1			
8	3	172A25-74460	PLUG		1			
9	3	172A25-74470	POPPET		1			
10	3	172A25-74480	SPRING		1			
11	3	172A25-74490	SPRING		1			
12	3	172A25-74501	PISTON		1			
13	3	172455-77140	PLUG		1			
14	3	172455-77150	PLUG		5			
15	3	24315-000100	O-RING, 1BP10.0		1			
16	3	24315-000110	O-RING, 1BP11.0		1			
17	3	24315-000140	O-RING, 1BP14.0		1			
18	3	24315-000160	O-RING, 1BP16.0		1			
19	2	172141-76900	CONNECTOR ASSY		1			
20	3	24315-000180	O-RING, 1BP18.0		1			
21	2	172141-76181	CONNECTOR ASSY, 02FF		2			
22	3	41851-000110	O-RING		2			
23	2	172157-76300	ELBOW ASSY		1			
24	3	24315-000180	O-RING, 1BP18.0		1			
25	2	172A46-77100	BRACKET ASSY,BOOM K		1			
25-1	2	172A46-77101	BRACKET ASSY,BOOM K		1		S	
		(B=M53372)						
26	2	172A46-77120-1	TUBE ASSY, BOOM		1			
26-1	2	172A46-77121-1	TUBE ASSY, BOOM		1		S	
		(B=M53372)						
26-2	2	172A46-77121-Y	TUBE ASSY, BOOM		1		S	
		(B=M54001)						
27	2	172A46-77150-1	COVER, BOOM		1			
27-1	2	172A46-77151-1	COVER, BOOM		1		F	1
		(B=M53372)						
27-2	2	172A46-77151-Y	COVER, BOOM		1		S	
		(B=M54001)						
28	2	22137-100000	WASHER, 10		2			
29	2	26013-080552	BOLT, M8X 55		2			
30	2	26013-100202	BOLT, M10X 20		2			
30-1	2	26013-100162	BOLT, M10X 16		2		S	
		(B=M53372)						
31	2	26013-100252	BOLT, M10X 25		2			
32	2	26013-100202	BOLT, M10X 20		2			
33	2	172A46-77170	BKTASSY VALVE,BOOM K		1		W	
		(B=M53372)						
34	2	26013-100252	BOLT, M10X 25		2		W	
		(B=M53372)						

(1)Interchangeable by simultaneous replacement with Ref.No.25-1,26-1,30-1,33,34.

N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.114. HOLDING VALVE KIT(3)(OPTIONAL)



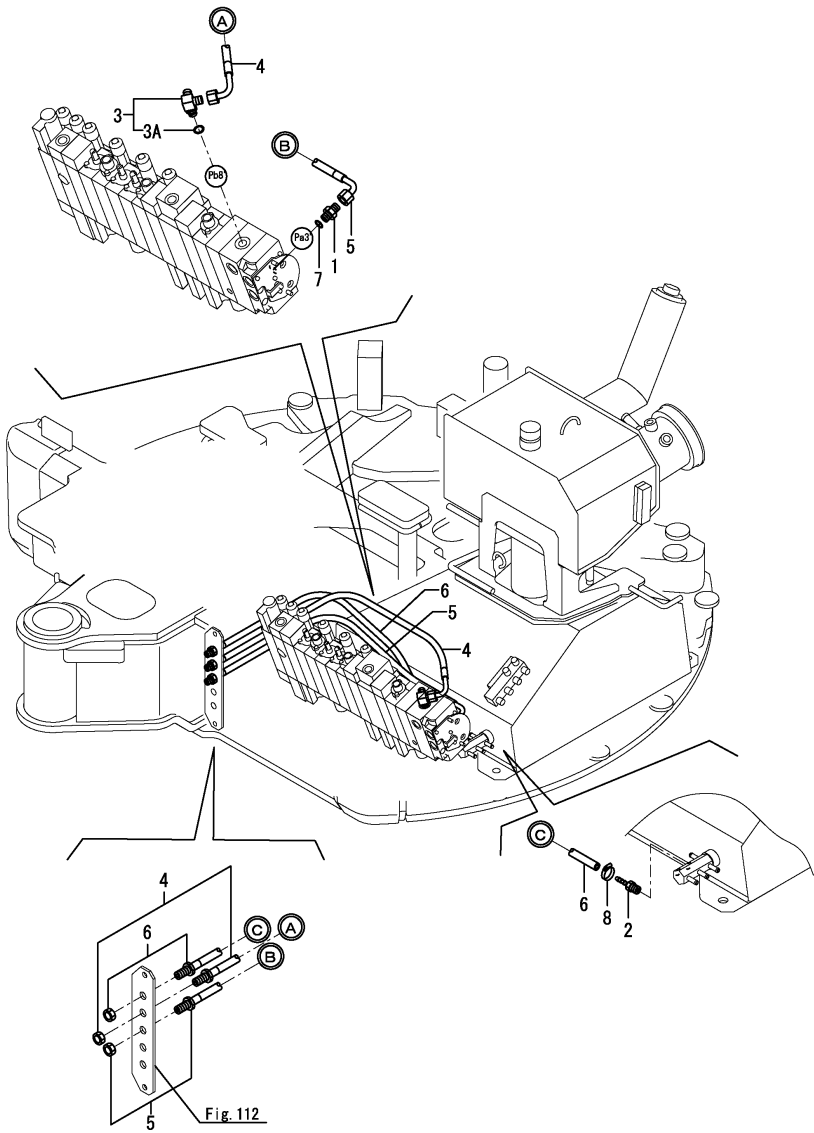
Remarks
* Holding valve kit is shown in Fig.112.

OCS10-M52701 Fig.114											
				(A)=VIO27-5B(US)	(D)=VIO27-5B(SG)						
				(B)=VIO27-5B(AS)	(E)=						
				(C)=VIO27-5B(NZ)	(F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-61261	WASHER		2						
2	2	172A25-74401	HOLD VALVE,BOOM&ARM		1						
3	3	172A25-74420	O-RING		1						
4	3	172A25-74430	O-RING		1						
5	3	172A25-74440	PLUG		1						
6	3	172A25-74450	PLUG		1						
7	3	172A25-74460	PLUG		1						
8	3	172A25-74470	POPPET		1						
9	3	172A25-74480	SPRING		1						
10	3	172A25-74490	SPRING		1						
11	3	172A25-74501	PISTON		1						
12	3	172455-77140	PLUG		1						
13	3	172455-77150	PLUG		5						
14	3	24315-000100	O-RING, 1BP10.0		1						
15	3	24315-000110	O-RING, 1BP11.0		1						
16	3	24315-000140	O-RING, 1BP14.0		1						
17	3	24315-000160	O-RING, 1BP16.0		1						
18	2	172123-76121	ADAPTER		2						
19	2	172157-76300	ELBOW ASSY		1						
20	3	24315-000180	O-RING, 1BP18.0		1						
21	2	172A46-77200	BRACKET ASSY,ARM K		1						
22	2	172A46-77230-1	COVER, ARM		1						
22-1	2	172A46-77230-Y (B=M54001)	COVER, ARM		1						S
23	2	172112-77361	CONNECTOR		1						
24	2	172A25-77370-2	TUBE, ARM		1						
24-1	2	172A25-77370-Y (B=M54001)	TUBE, ARM		1						S
25	2	22137-100000	WASHER, 10		3						
26	2	41851-000110	O-RING		2						
27	2	41851-000180	O-RING		1						
28	2	26013-080552	BOLT, M8X 55		2						
29	2	26013-100202	BOLT, M10X 20		2						
30	2	26013-100252	BOLT, M10X 25		3						

Fig.115. HOLDING VALVE KIT(4)(OPTIONAL)

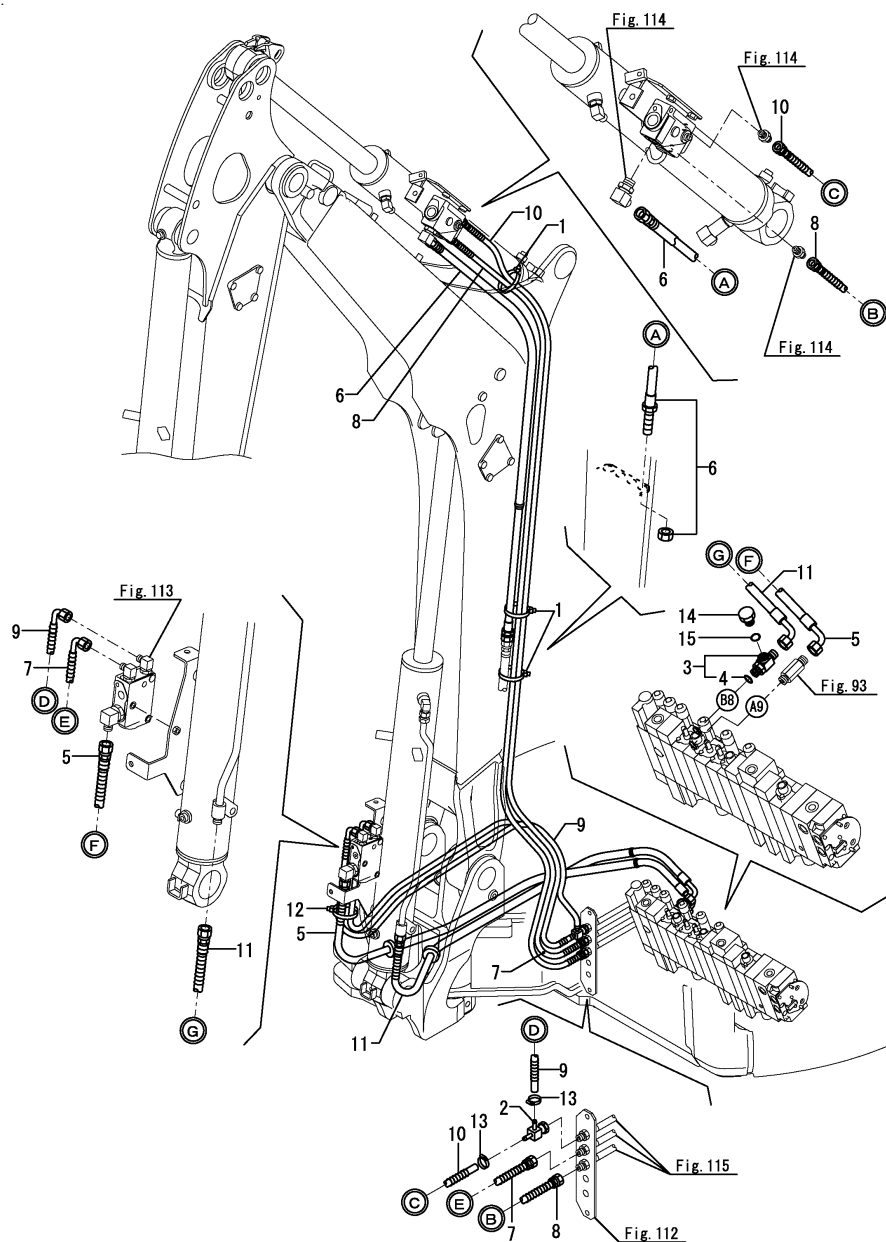
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172123-76121	ADAPTER		1						
2	2	172141-76220	NIPPLE		1						
3	2	172491-76330	ELBOW, ADJUSTABLE		1						
3A	3	24315-000110 (B=M53001)	O-RING, 1BP11.0		1					W	
4	2	172A46-78700	HOSE F204CX095S		1						
5	2	172A46-78710	HOSE F204CX078S		1						
6	2	172A46-78720	HOSE G804XY078S		1						
7	2	41851-000110	O-RING		1						
8	2	23000-013000	CLAMP, 13		1						

Remarks
* Holding valve kit is shown in Fig.112.

[illegible]

* Holding valve kit is shown in Fig.112.

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

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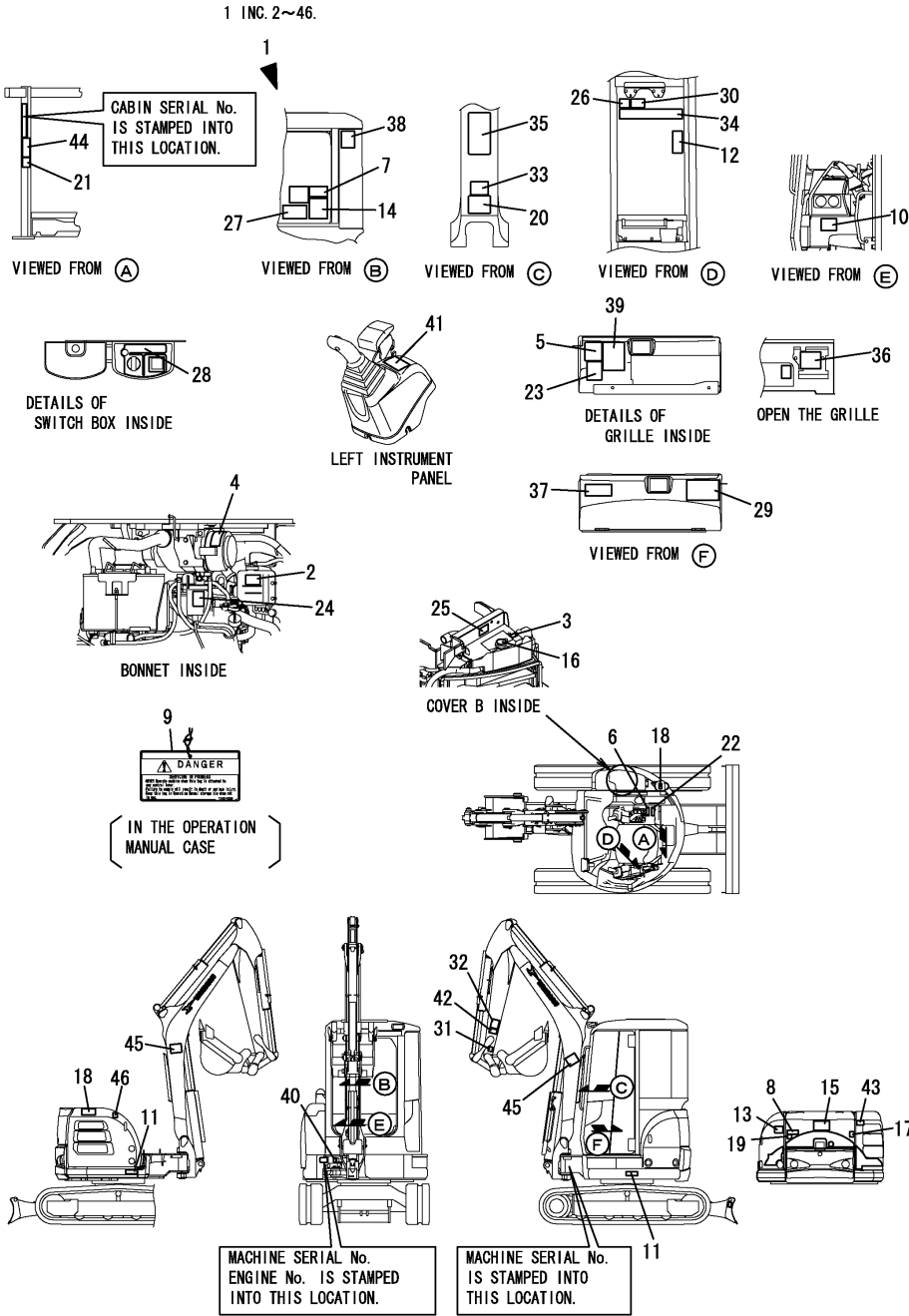
Fig.117. LABEL(FRANCH FOR CANADA)(OPTIONAL)

(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A84-03020 (A=M53001)	CA LABELKIT,VIO27-5B	1							W
2	2	172A37-03150	LABEL,SUB-TANK CA	1							
3	2	172A37-03160	LABEL,ANTI-FREEZE CA	1							
4	2	172A37-03180	LABEL J, AIR CLEANER	1							
5	2	172A37-03220	LABEL,ADJUST CRAWLER	1							
6	2	172A37-03231	LABEL,MANUAL CA.	1							
7	2	172A37-03241	LABEL,SLOPE CA.	1							
8	2	172A37-03250	LABEL,RESERVOIR CA	1							
9	2	172469-03261	TAG ASSY, SERVICING	1							
10	2	172A37-03271	LABEL,TRANSPORT CA.	1							
11	2	172A37-03280	LABEL,GREASE CYL CA	2							
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N:Old Yes New, Q:Old No New, R:Old Yes New, S:Old No New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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