

0CS10-M52701EN

P R E F A C E

- 1 . This Parts Catalog carries Yanmar crawler back-hoe Vio27-5B(for U.S.A. ,Australia ,New Zealand & Singapore.)
(M/# 53001)

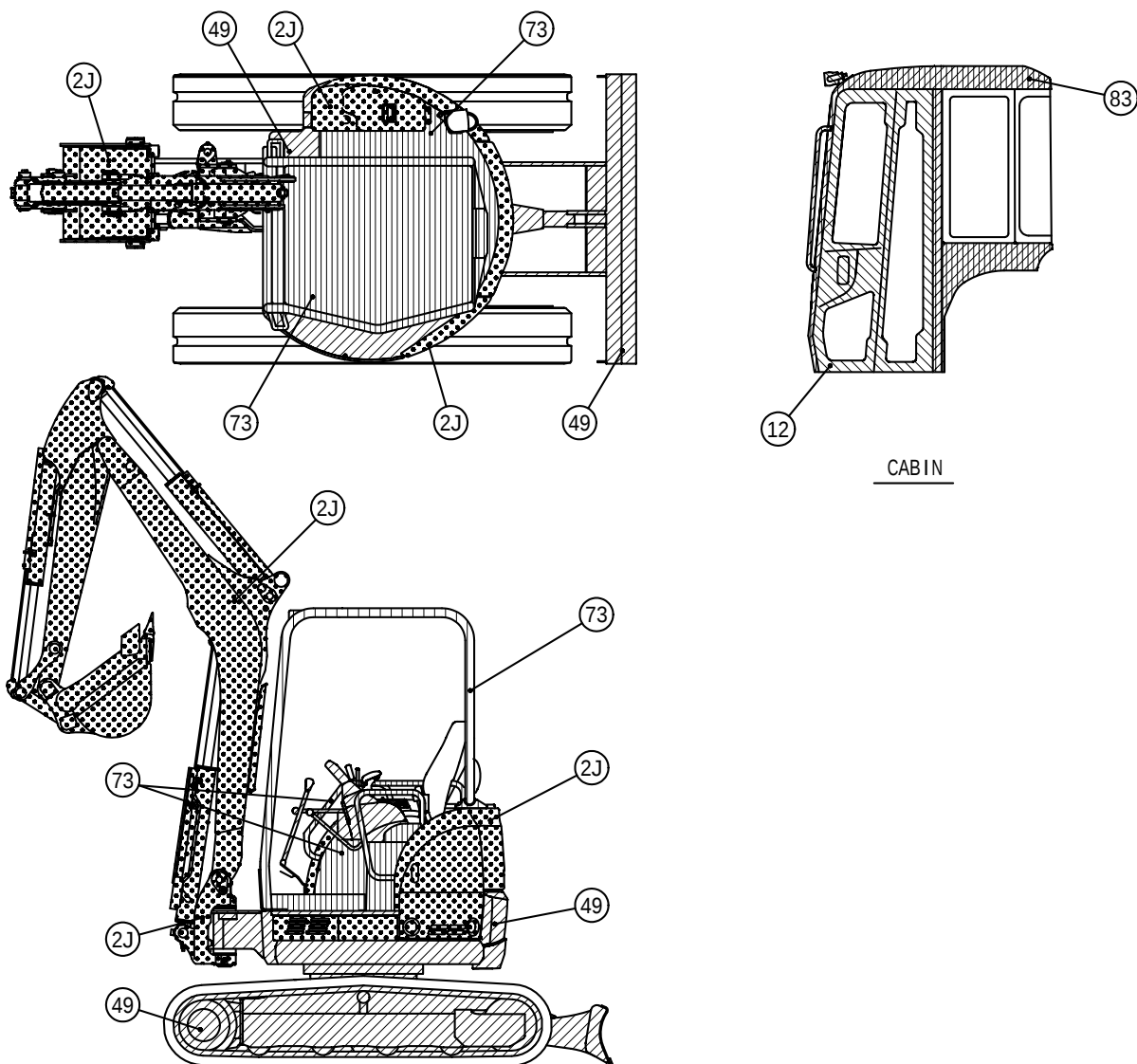
2 . Parts catalog history

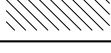
		Parts catalog NO.	Published	Remarks
1st edition	Vehicle	OCS10-M52700	Apr. ,2008	Disuse old edition
	Engine	OCB10-M74401		
1st revised	Vehicle	OCS10-M52701	Jul . ,2013	
	Engine	OCB10-M74401		

- 3 . Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.

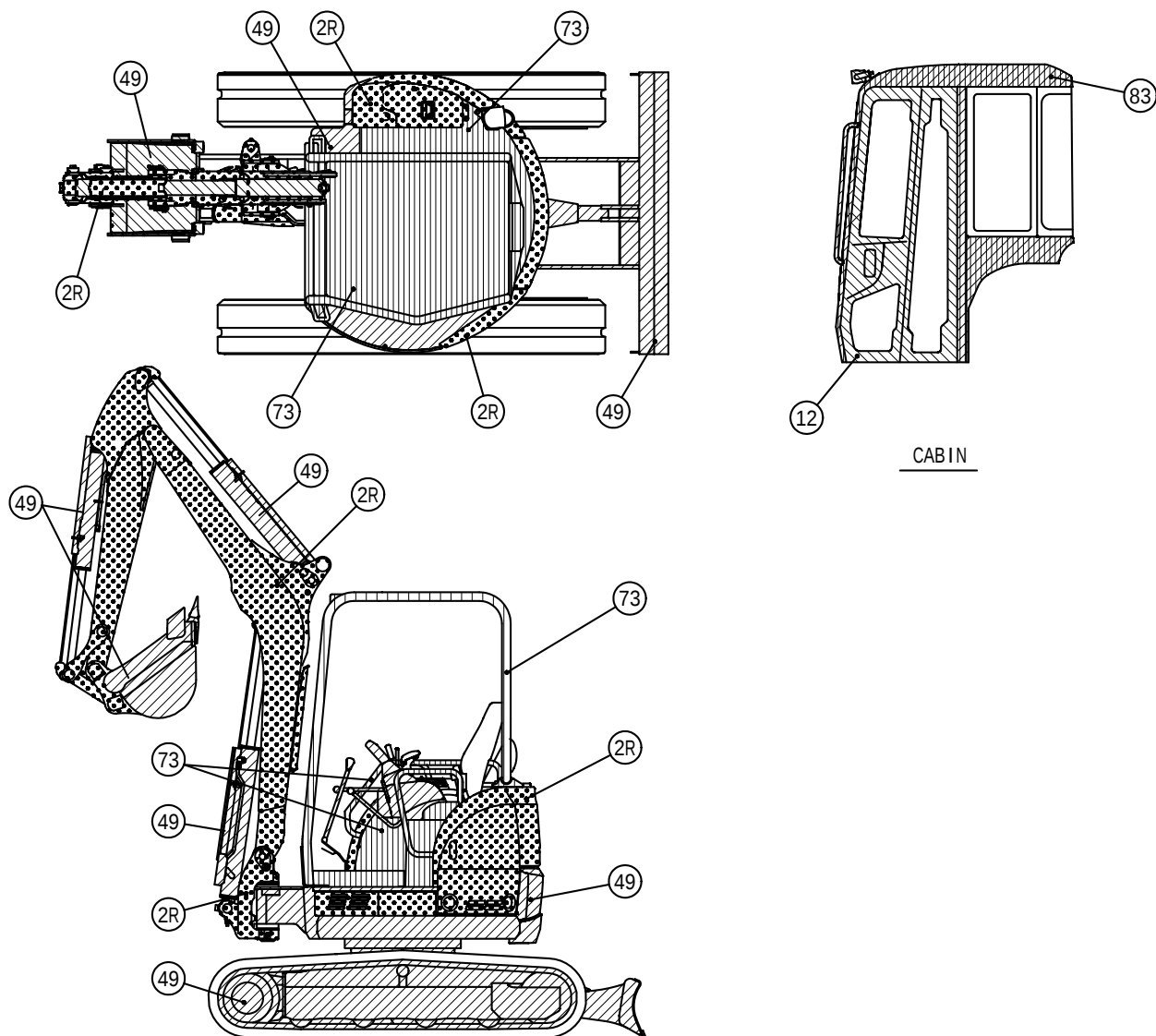
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

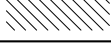
VEHICLE PAINTED COLOR(1)(TO M54000)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490
2J		YANMAR New Permanent Yellow 2	981101-09520	977620-40871	977620-30872
73		YANMAR Warm Gray	-----	-----	TOR-94800730
83		YANMAR Grayish Green	981101-09615	977620-40830	977620-30N41
12		YANMAR Black	-----	TOR-91220001	TOR-94800120

VEHICLE PAINTED COLOR(2) (FROM M54001)



Color Code	Description	Painted Color	Paint Part No.		
			16L Can	4L Can	SPRAY
49		YANMAR Navy Gray	-----	TOR-91390000	TOR-94800490
2R		YANMAR Turmeric Yellow	-----	977620-41001	977620-41002
73		YANMAR Warm Gray	-----	-----	TOR-94800730
83		YANMAR Grayish Green	981101-09615	977620-40830	977620-30N41
12		YANMAR Black	-----	TOR-91220001	TOR-94800120

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

RIGHT
➔

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

15. IMPLEMENT
Fig. 105~111

7. FRAME
Fig. 41~43

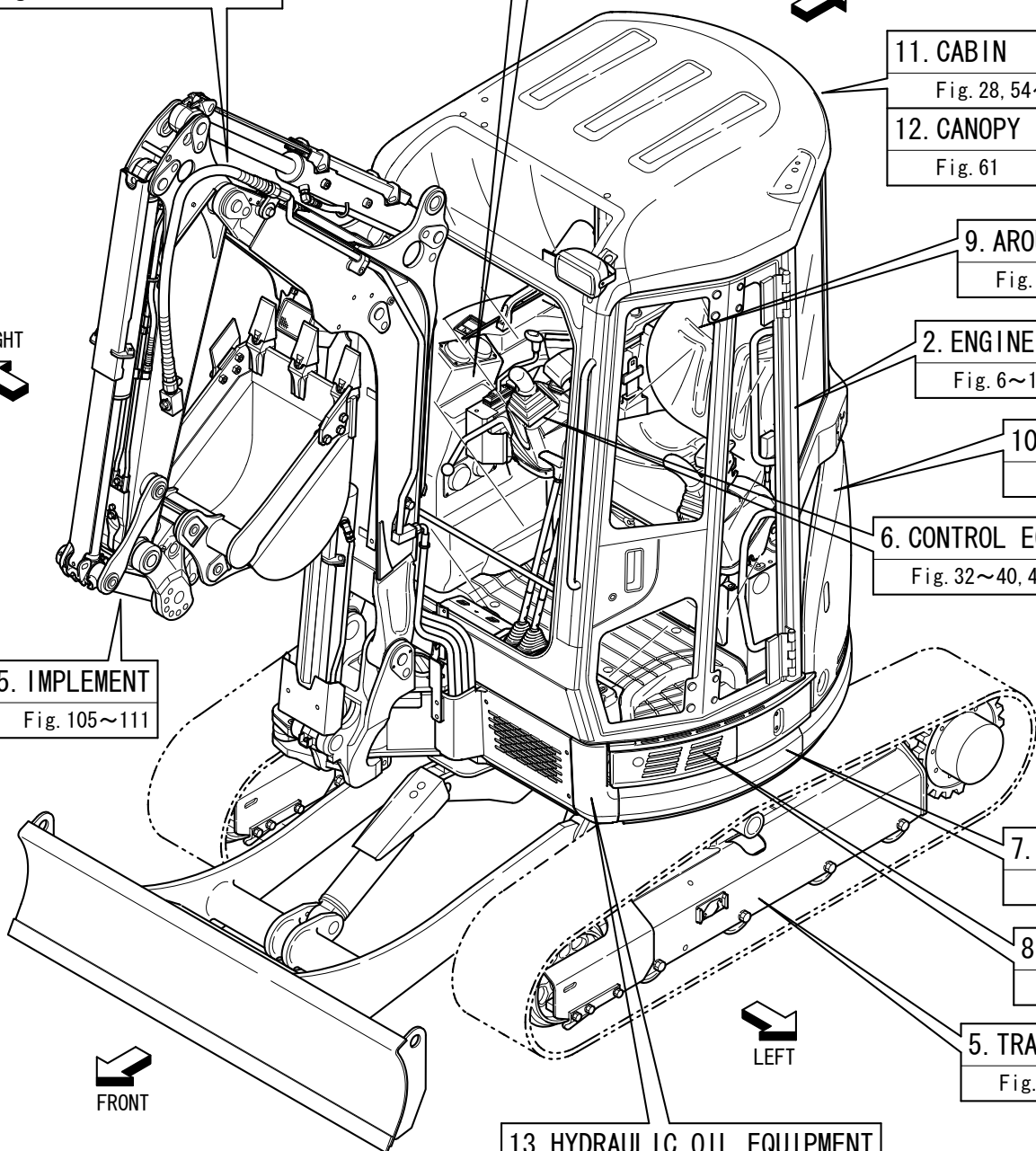
8. COVER
Fig. 45, 46

5. TRAVELING
Fig. 29~31, 123

LEFT
➔

FRONT
➔

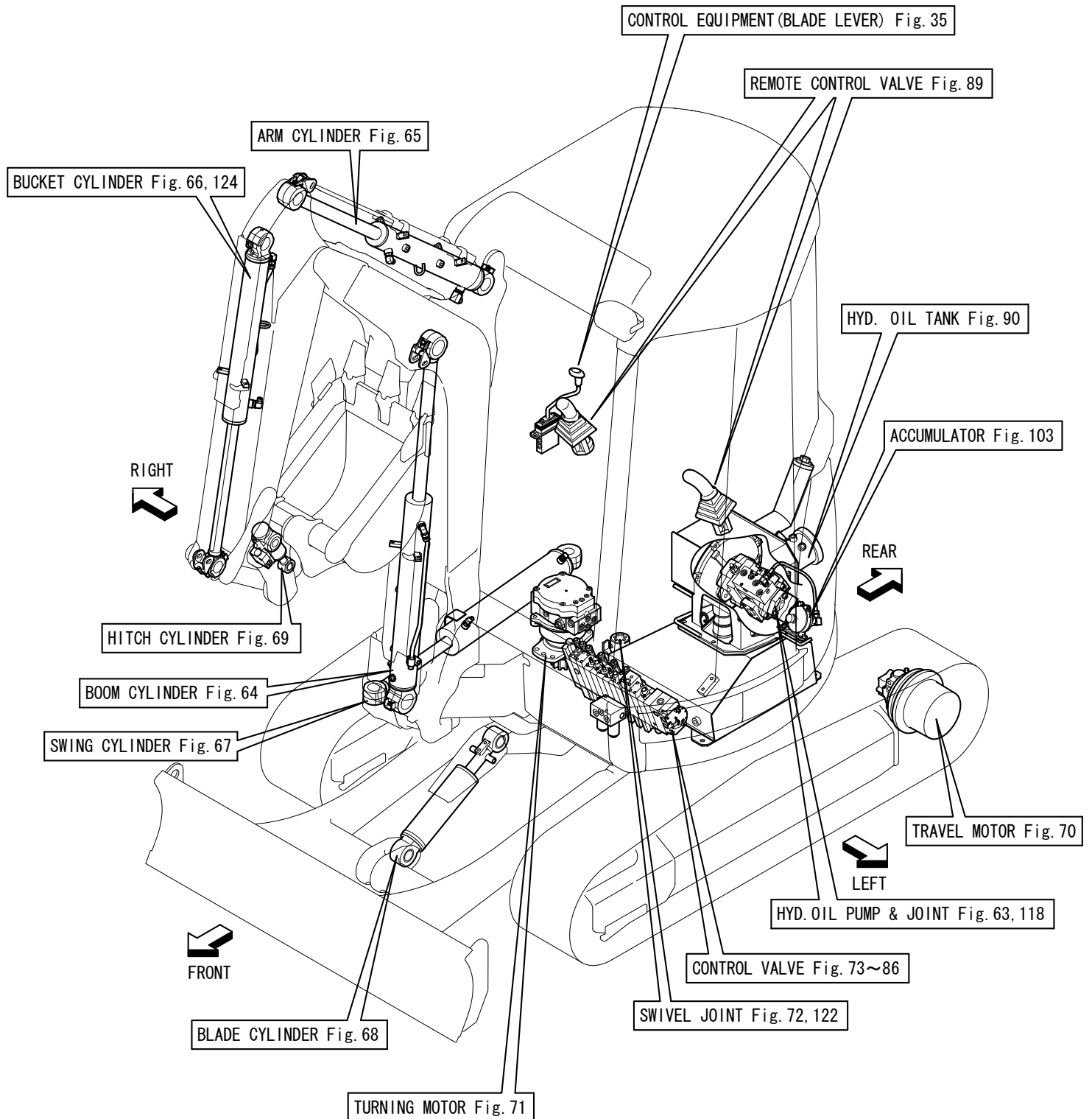
13. HYDRAULIC OIL EQUIPMENT
Fig. 63~90, 118, 122, 124



PICTURESQUE INDEX (2) ■ ■ ■ HYDRAULIC SECTION

HYD. OIL PIPING Fig. 91~102

CONTROL PIPING Fig. 104



Contents

OCS10-M52701

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

OCS10-M52701

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

OCS10-M52701

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

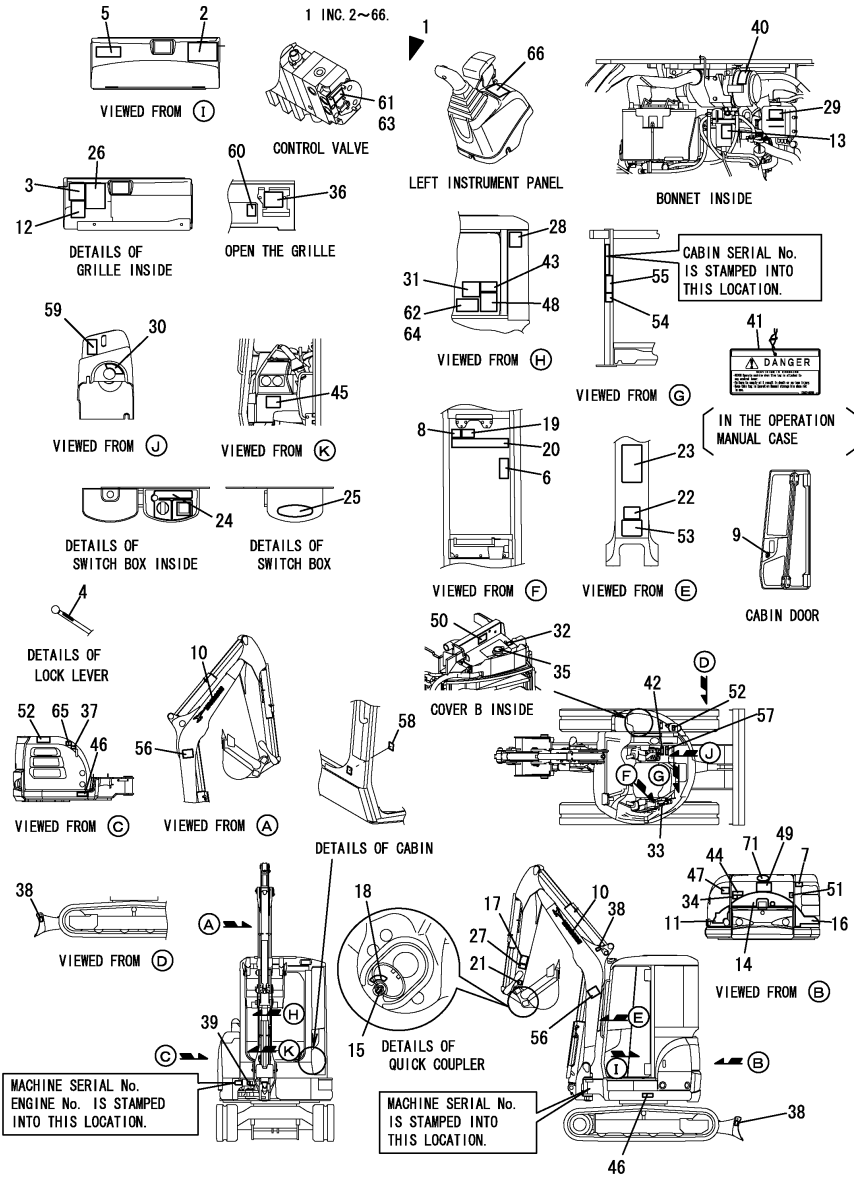
OPTIONAL & KIT

- 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)

Fig.1. LABEL(CABIN)

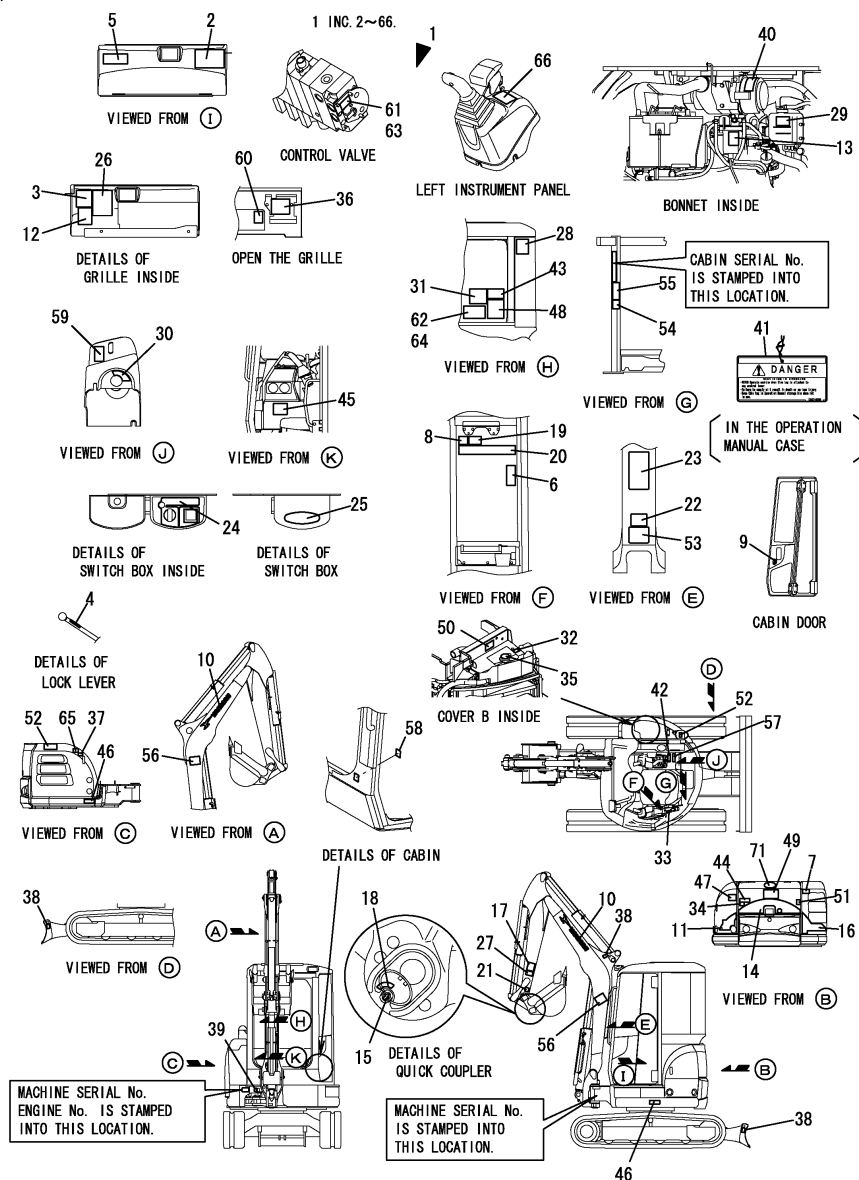
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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				

Remarks
(1)Rubber crawler spec.
(2)SG spec.
(3)Interchangeable by simultaneous replacement with Ref.No.11-1,16-1.



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)		
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)				

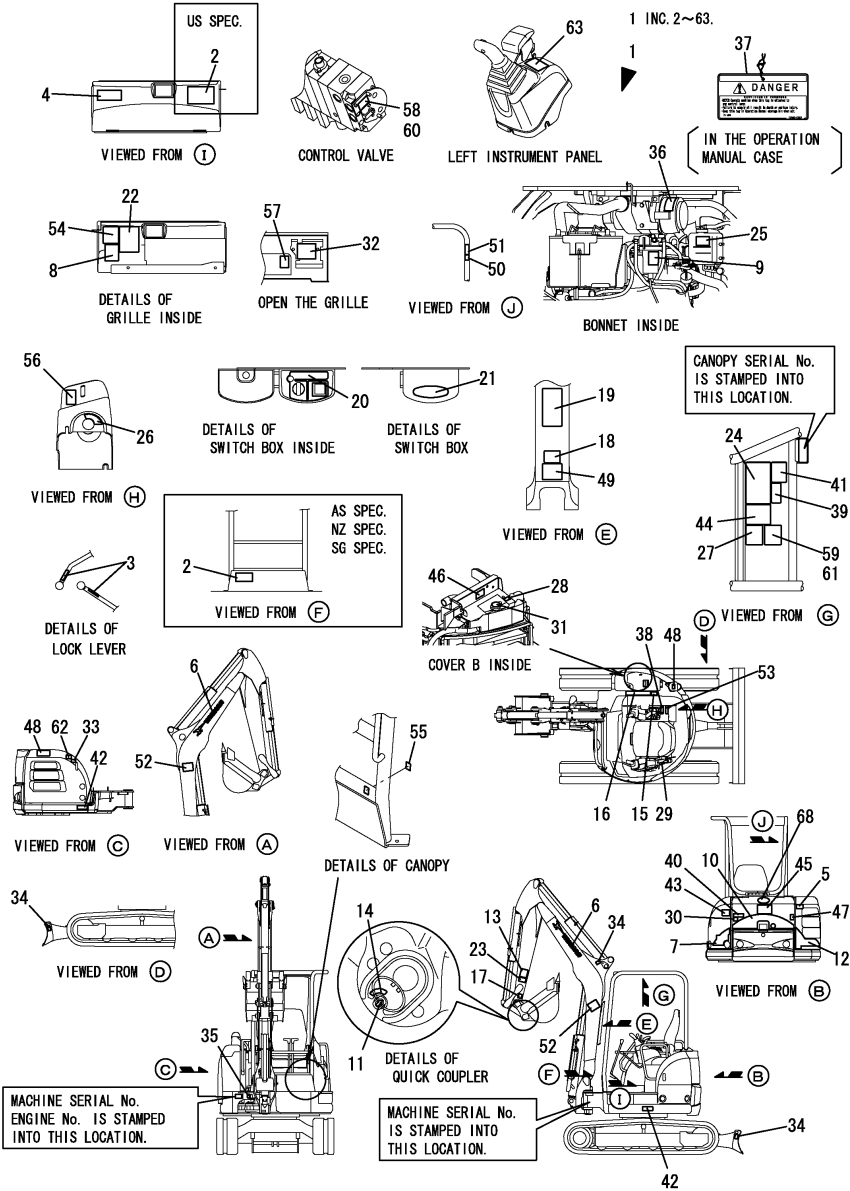
(3) Interchangeable by simultaneous replacement with Ref.No.11-1,16-1.

N:Old $\xleftrightarrow{\text{Yes}} \text{New}$, Q:Old $\xleftrightarrow{\text{No}} \text{New}$, R:Old $\xleftrightarrow{\text{Yes}} \text{New}$, S:Old $\xleftrightarrow{\text{No}} \text{New}$, 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)=



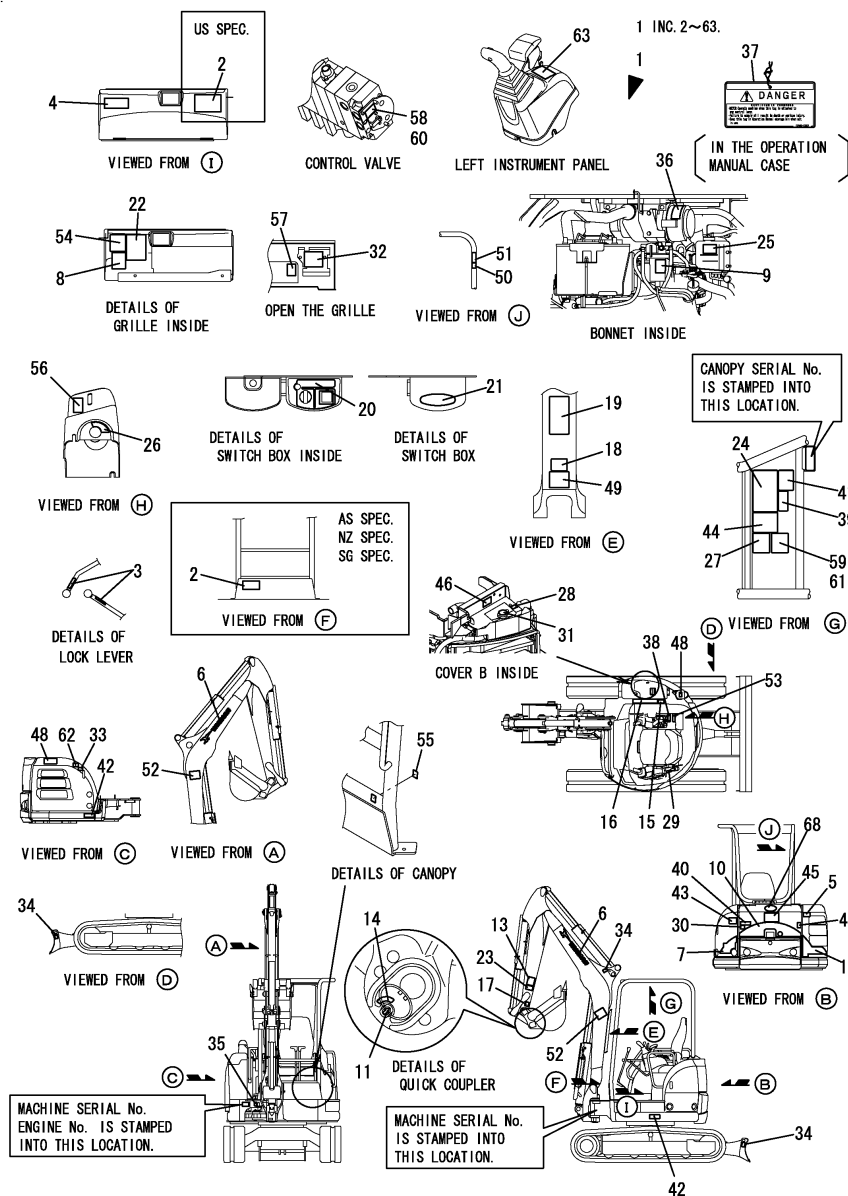
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	772A84-03150	SET,LABEL VIO27-5BUS	1	1	1	1				
1-1	1	772A84-03151	SET,LABEL VIO27-5BUS	1	1	1	1			S	
(A=M54001) (B=M54001) (C=M54001) (D=M54001)											
2	2	172472-03141	LABEL, SUPPORT	2	2	2	2				
3	2	172183-03280	LABEL, 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.

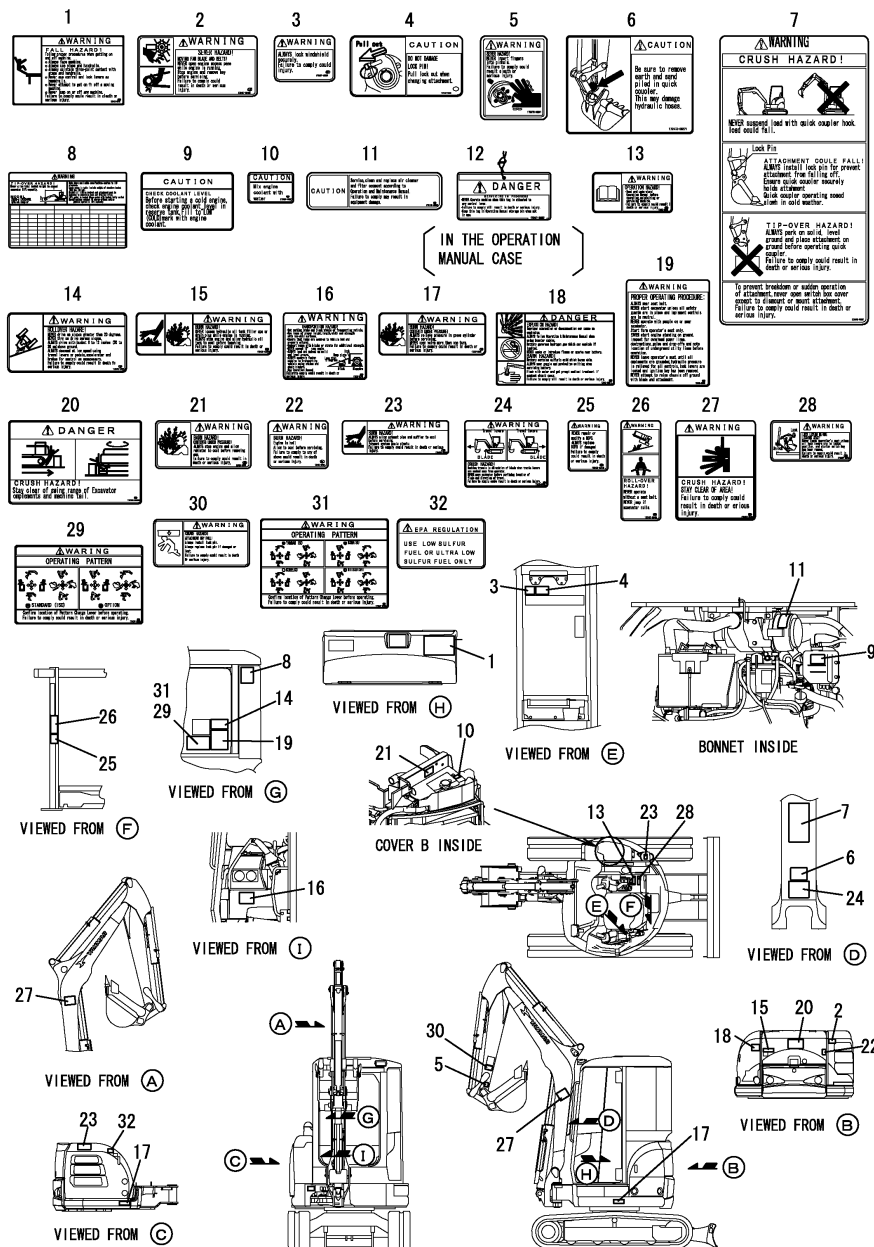
(3)Interchangeable by simultaneous replacement with Ref.No.7-1,12-1.



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



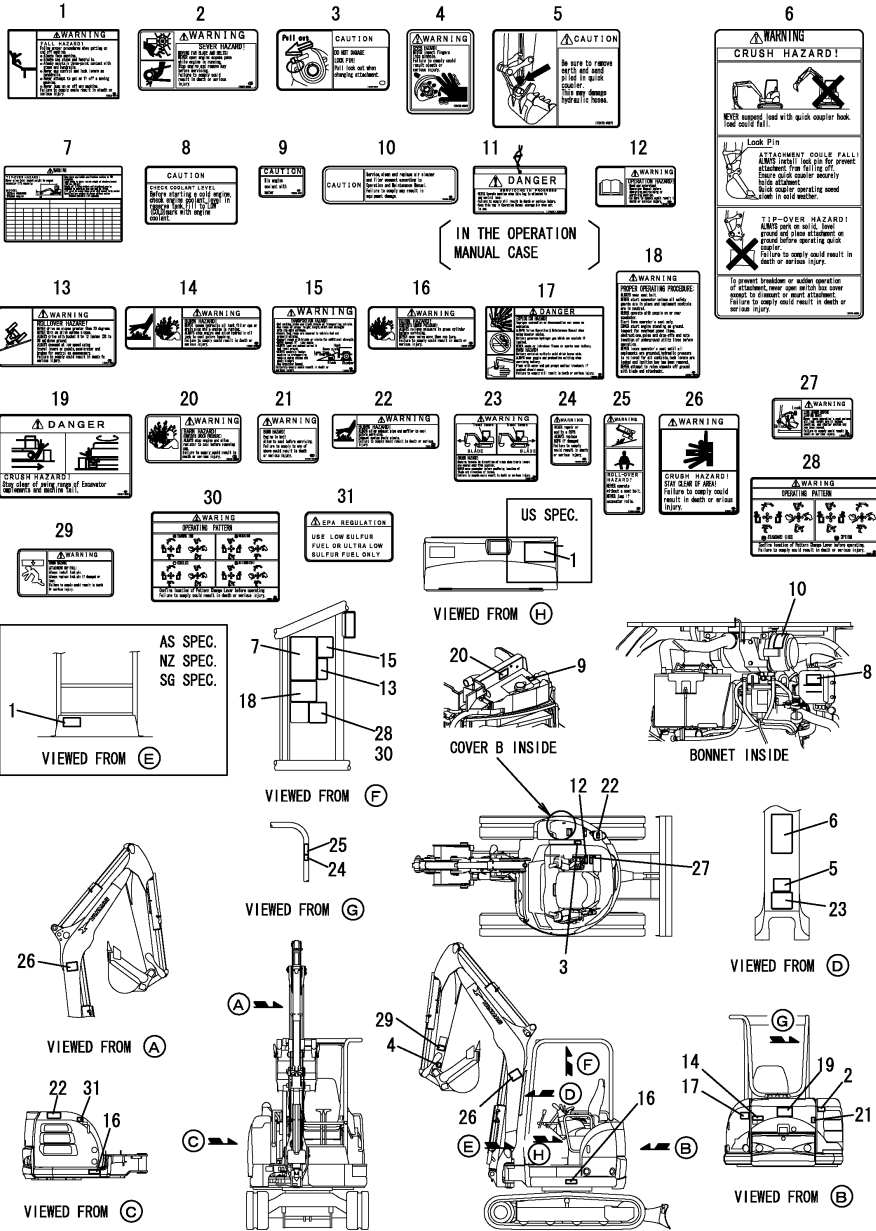
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=								
No.	Lev.	Parts No.	Description	Q'ty						I	R		
				(A)	(B)	(C)	(D)	(E)	(F)				
1	1	172472-03141	LABEL, SUPPORT	1	1	1	1						
2	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1						
3	1	172437-03551	LABEL, WINDOW US	1	1	1	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							
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.

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)=



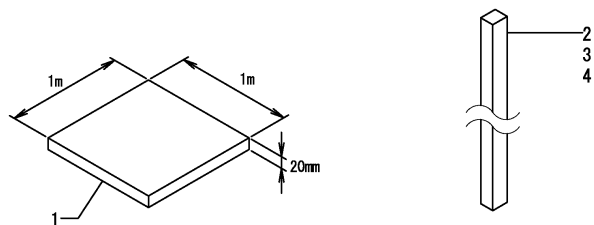
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-03141	LABEL, SUPPORT	2	2	2	2				
2	1	172A36-03411	LABEL, ENGINE ROOM	1	1	1	1				
3	1	172472-03241	LABEL, PINUS	1	1	1	1				
4	1	172472-03261	LABEL, FINGER	1	1	1	1				
5	1	172472-03271	LABEL, SANDUS	1	1	1	1				
6	1	172472-03281	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)=

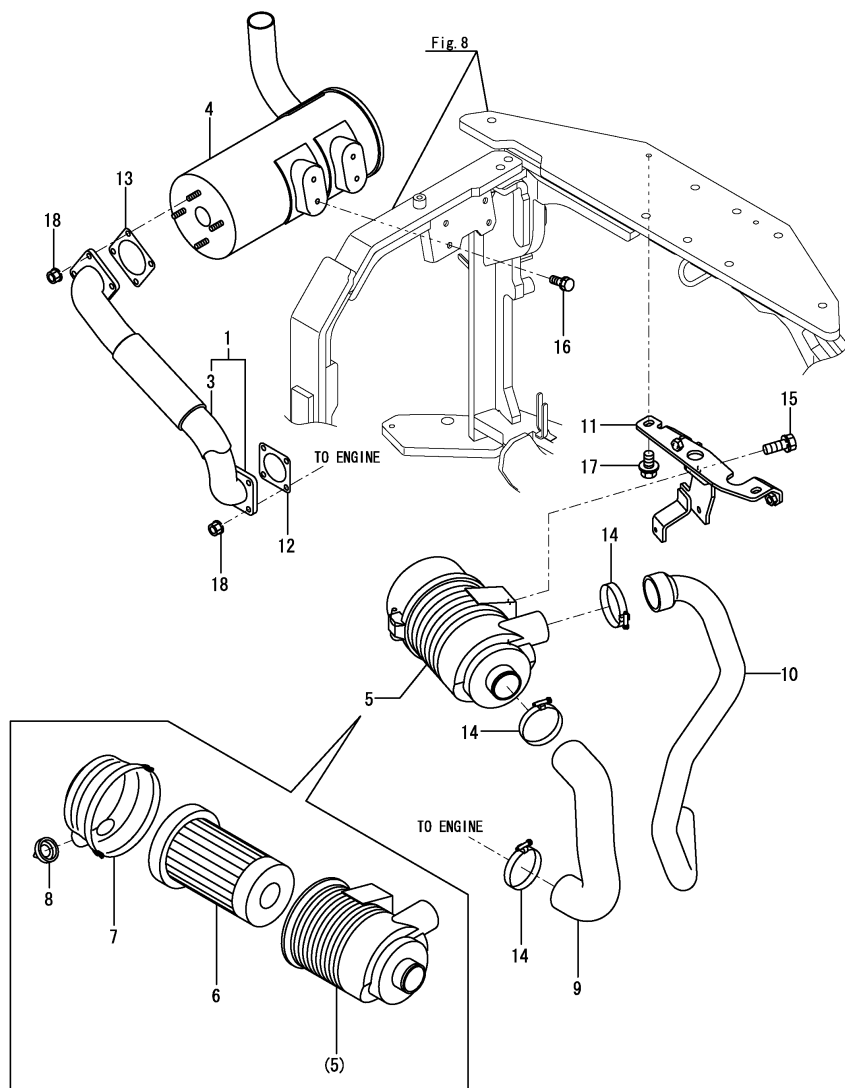
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172478-65750	SPONGE	1	1	1	1				
2	1	172478-68600	SEAL, DAM	1	1	1	1				1
3	1	172478-68610	SEAL, DAM	1	1	1	1				1
4	1	172478-68620	SEAL, DAM	1	1	1	1				1



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

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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	

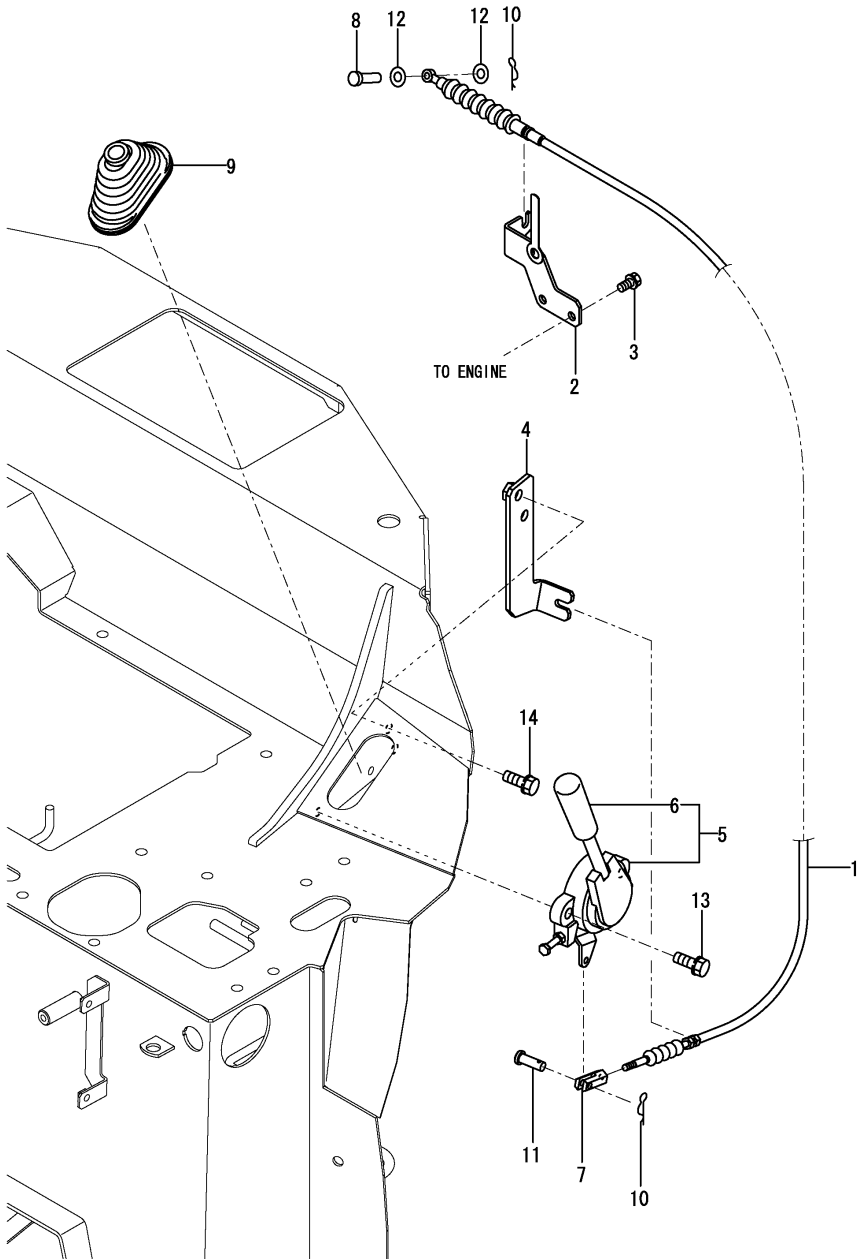
Remarks
(1) Please use this part with following label at the same time.
Ref.No.19A.

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)

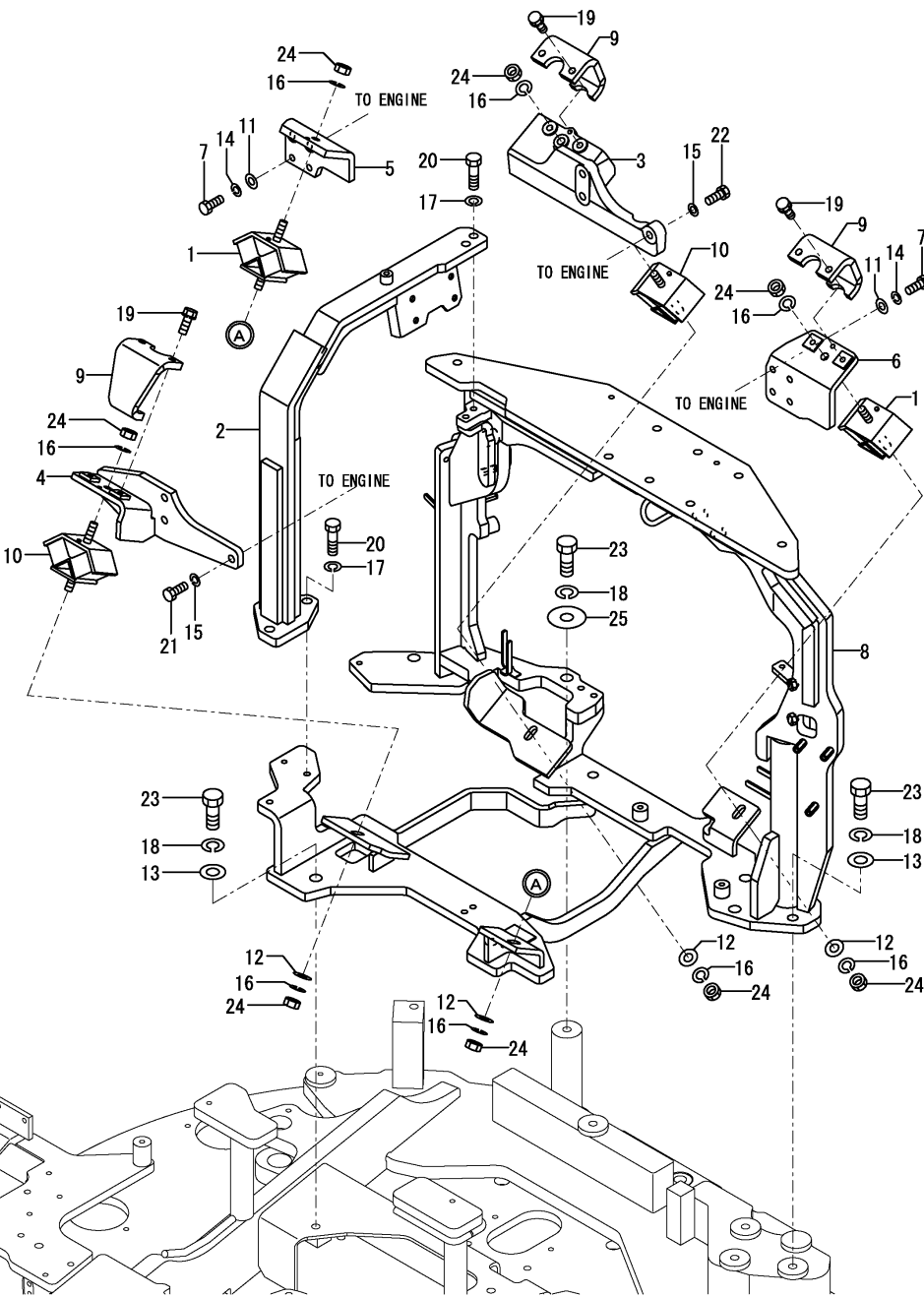
(D)=VIO27-5B(SG)
(E)=
(F)=

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				

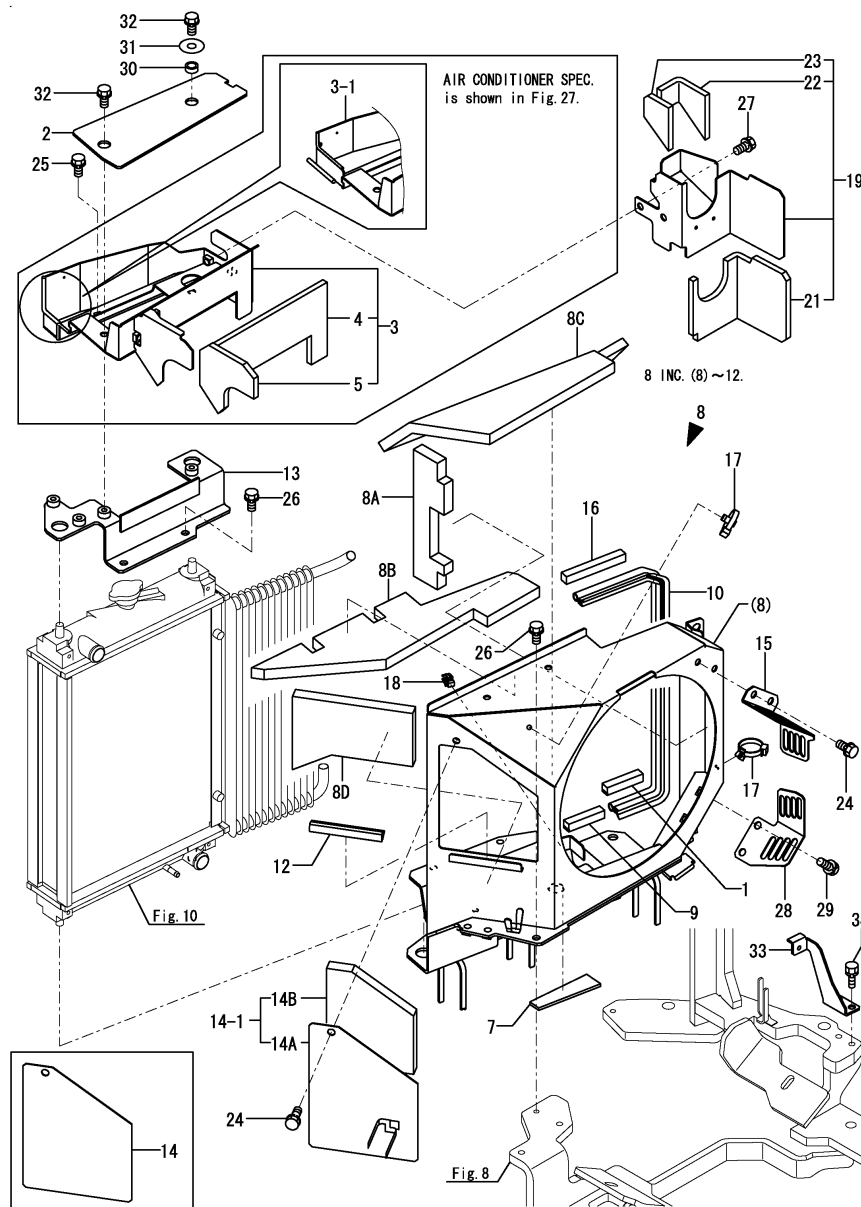


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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)								
6-2	1	172490-13112	BRACKET ASSY,EN BR	1	1	1	1				R
		(A=M53831)	(B=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)								
8-2	1	172A45-13215	MOUNT ASSY,ENG	1	1	1	1				N
		(A=M53114)	(B=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)								
24	1	26716-120002	NUT, M12	8	8	8	8				
25	1	22157-160000	WASHER, 16	1	1	1	1				



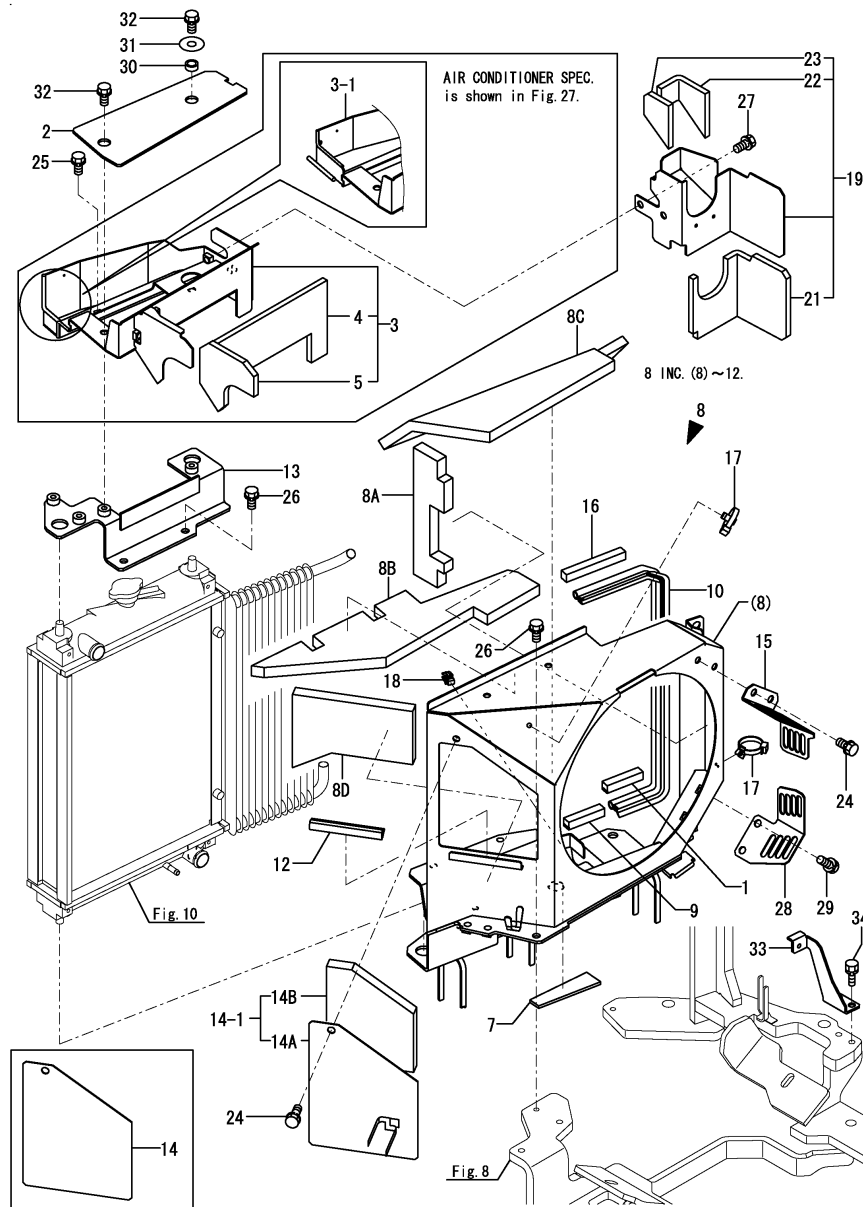
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-13060	SEAL, SHURAUD	1	1	1	1				
2	1	172A46-13090	MAT	1	1	1	1				
3	1	172A46-13120	BRACKET ASSY, DUCT	1	1	1	1				1
3-1	1	172A46-13121	BRACKET ASSY, DUCT	1	1	1	1			S	1
	(A=M53094)	(B=M53094)	(C=M53094)	(D=M53094)							
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				

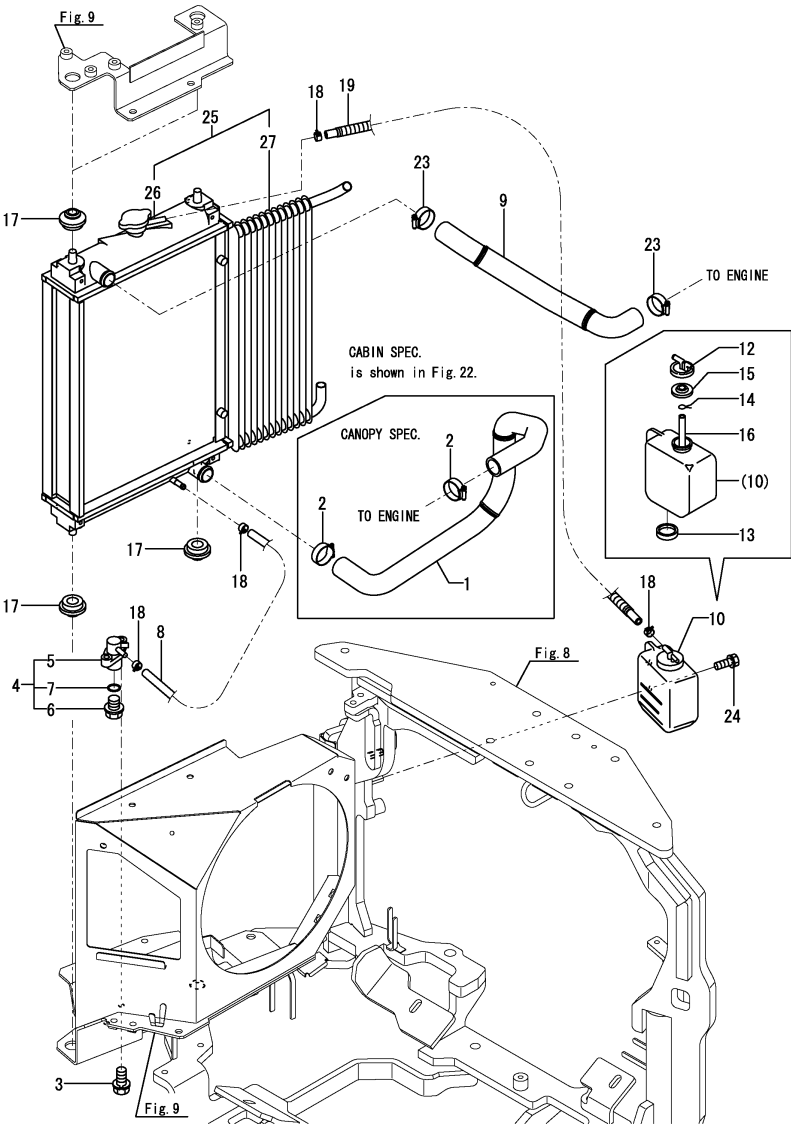
(2) Label is not illustrated.

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

Fig.10. RADIATOR & SUB-TANK

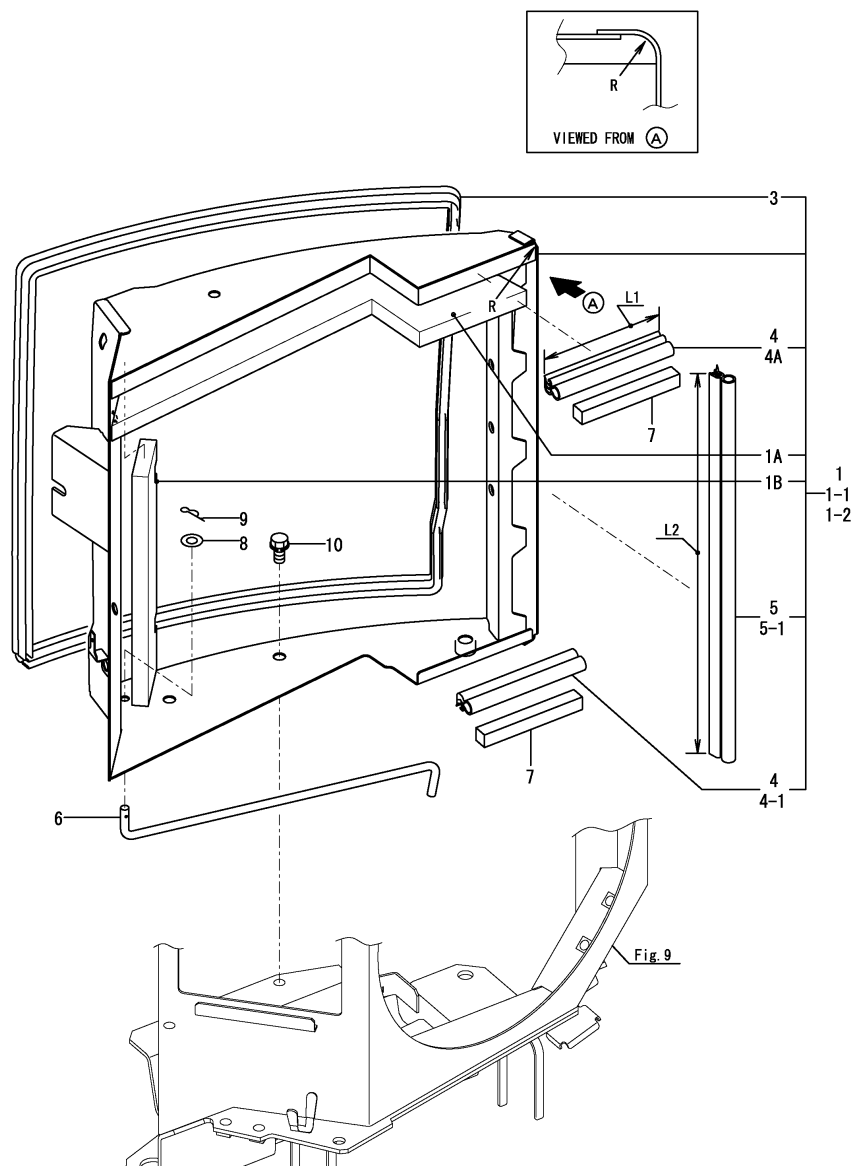
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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

(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.

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	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				

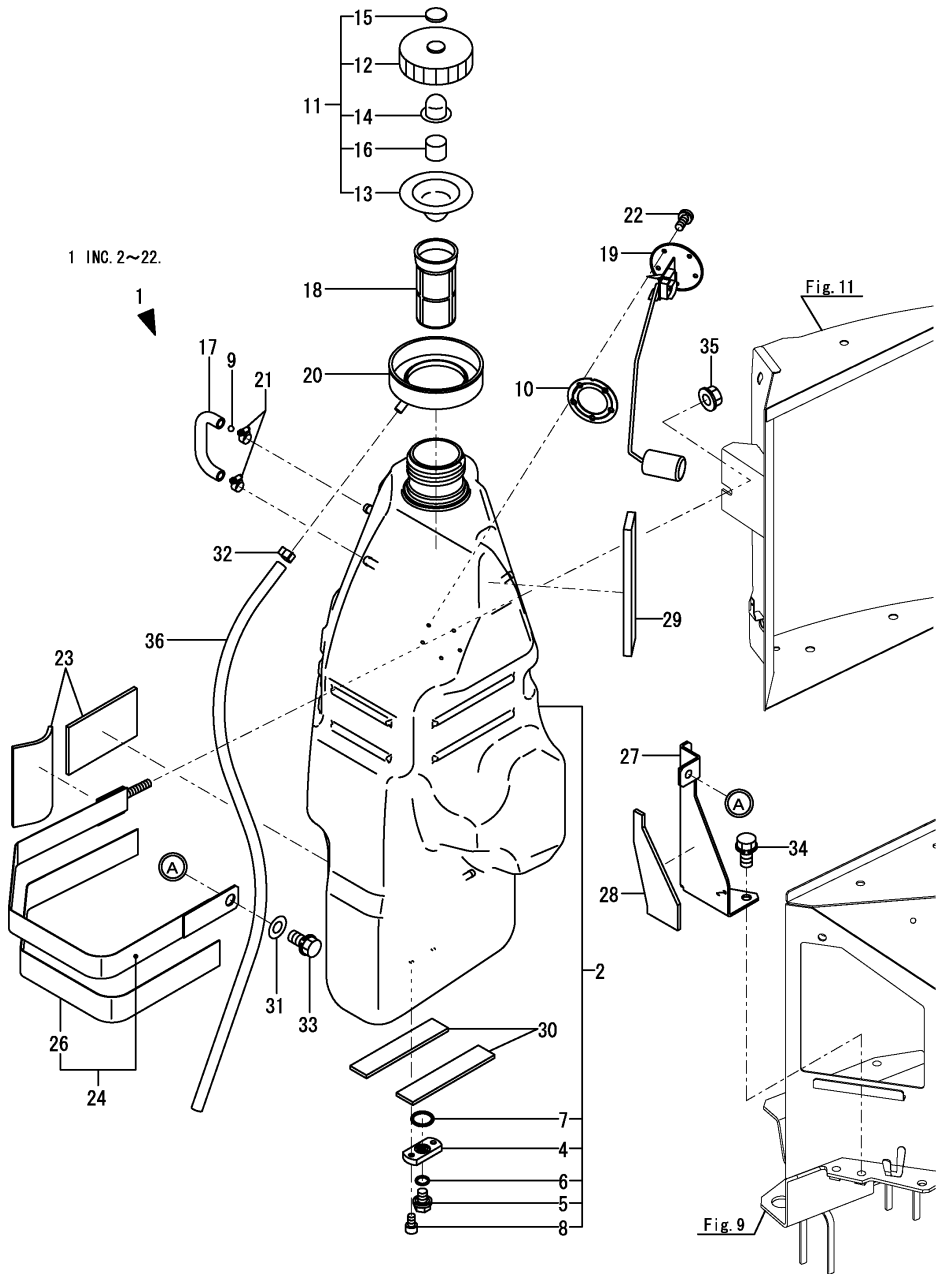
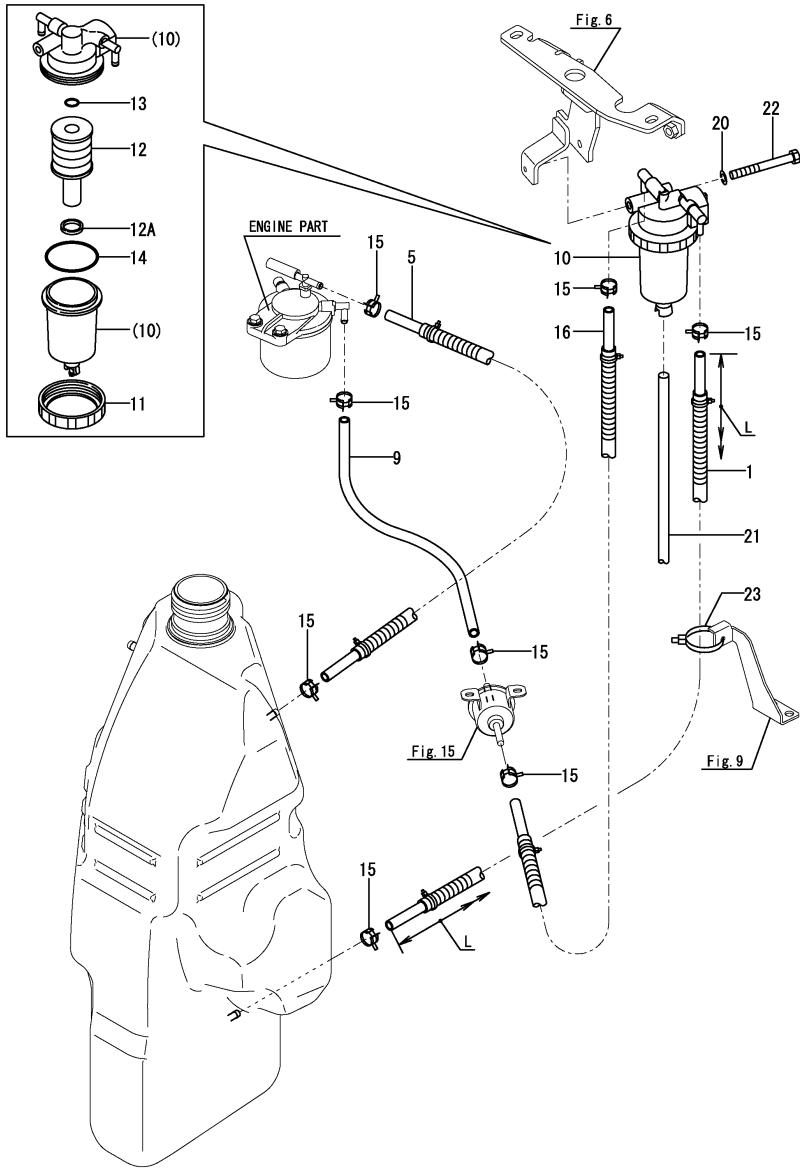


Fig.13. FUEL LINE

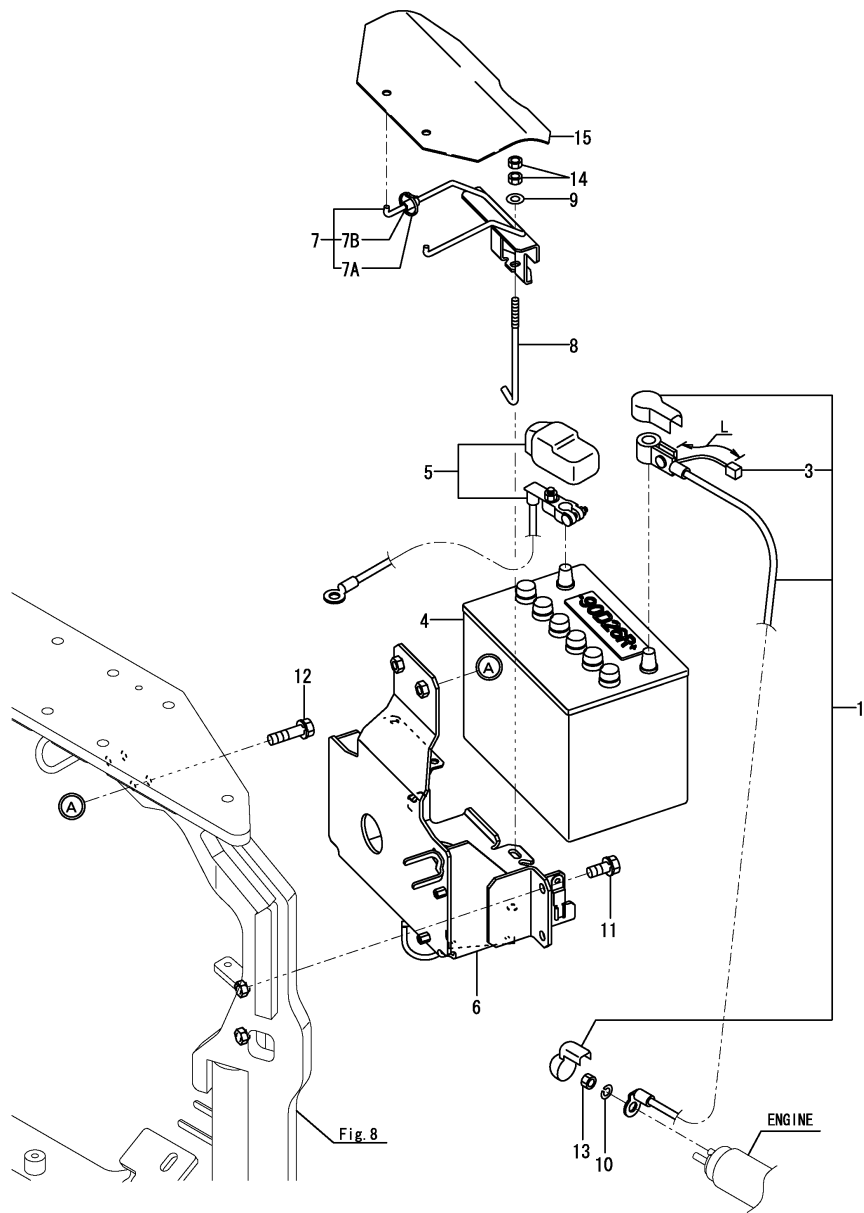


Remarks
(1)Please use this part with following label at the same time.
Ref.No.24A.
(2)Label is not illustrated.
(3)L=Ref.No.1:1470mm, No.1-1:1550mm.

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

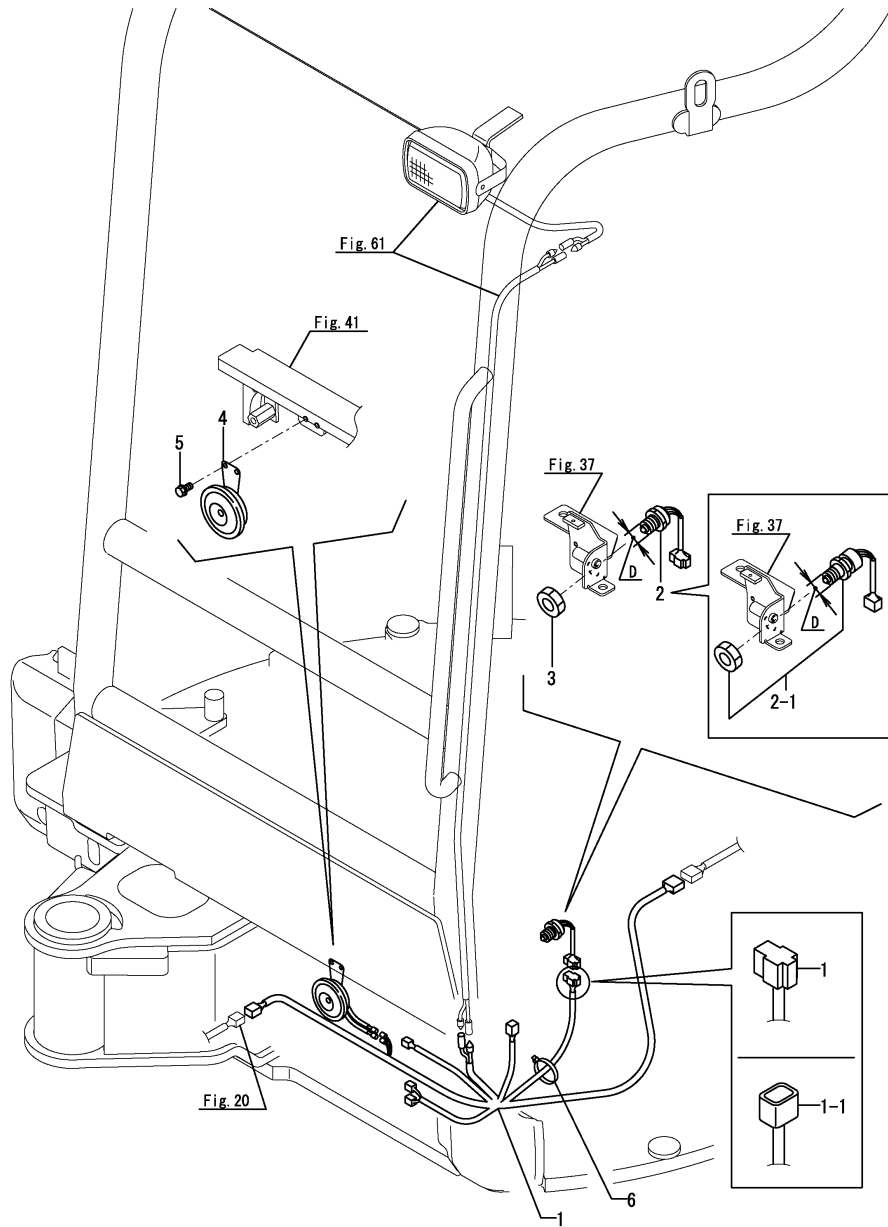
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-14230	HOSE, FUEL	1	1	1	1				
1-1	1	172A46-14231	HOSE	1	1	1	1			S	3
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
5	1	172A46-14600	HOSE ASSY, FUEL	1	1	1	1				
5-1	1	172A46-14601	HOSE ASSY, FUEL	1	1	1	1			N	
(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

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	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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	(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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Fig.17. ELECTRIC PART(STARTING SWITCH)

(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	172187-17100	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				

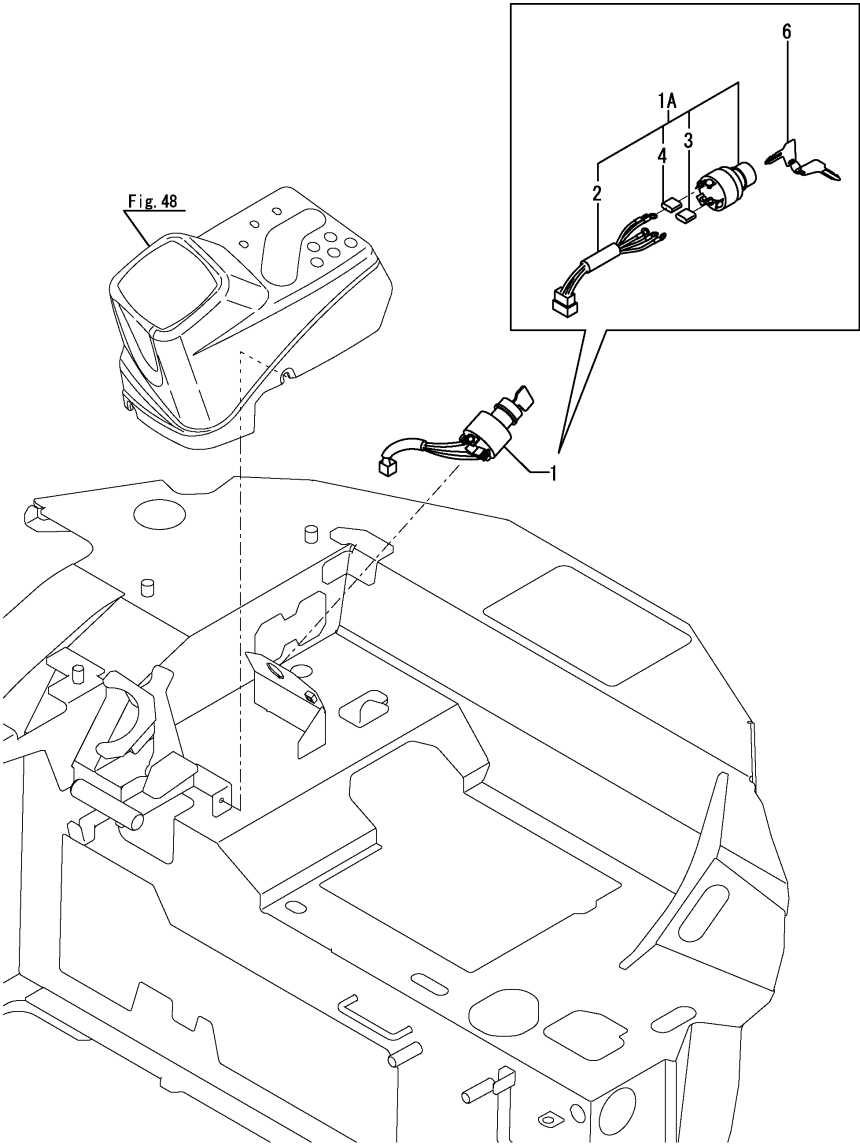
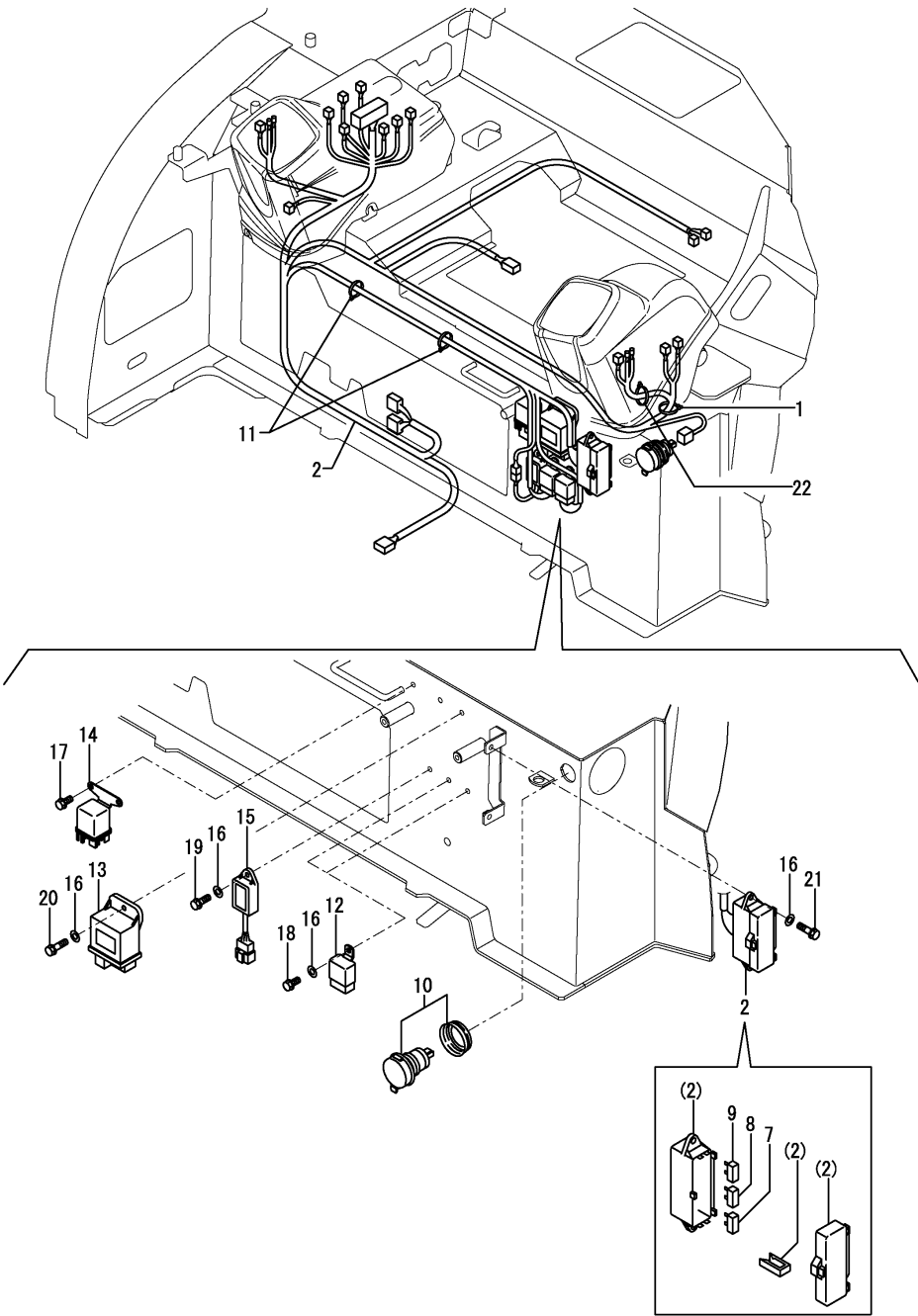


Fig.18. ELECTRIC PART(AROUND SEAT)



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)									

N:Old

Yes

No

New

Q:Old

Yes

No

New

R:Old

Yes

No

New

S:Old

Yes

No

New

W:Add

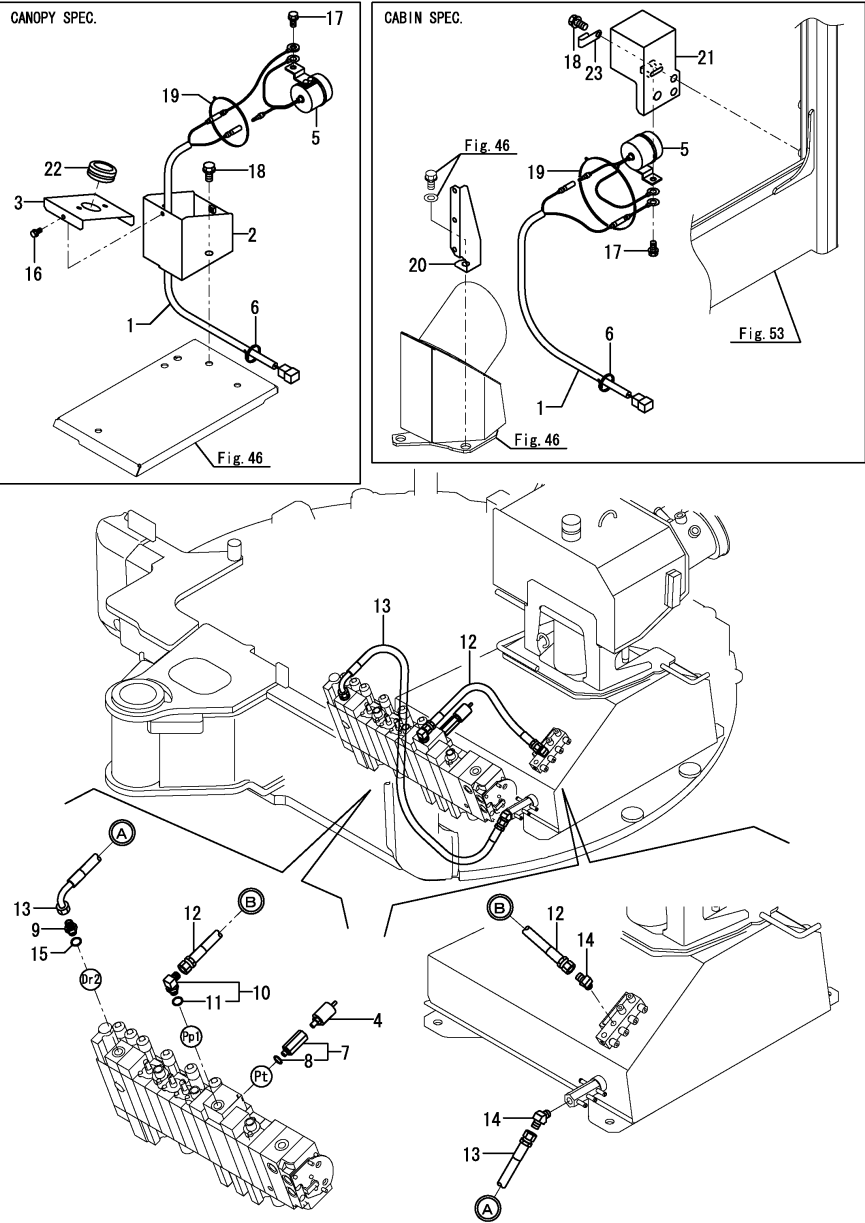
Z:Discontinued

F:Interchangeable by set

K:Q'ty Change

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Fig.19. ELECTRIC PART(TRAVEL ALARM)

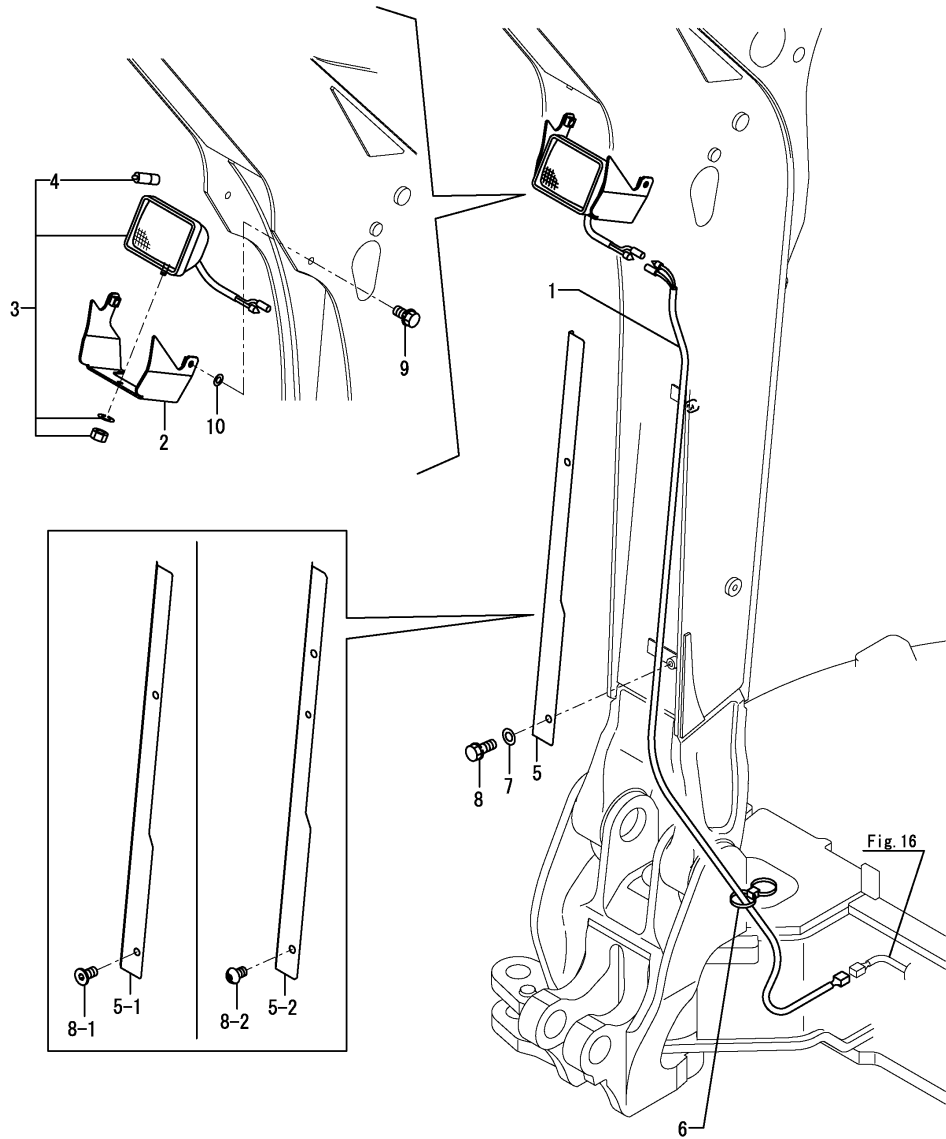


Remarks
(1)Canopy spec.
(2)Cabin spec.

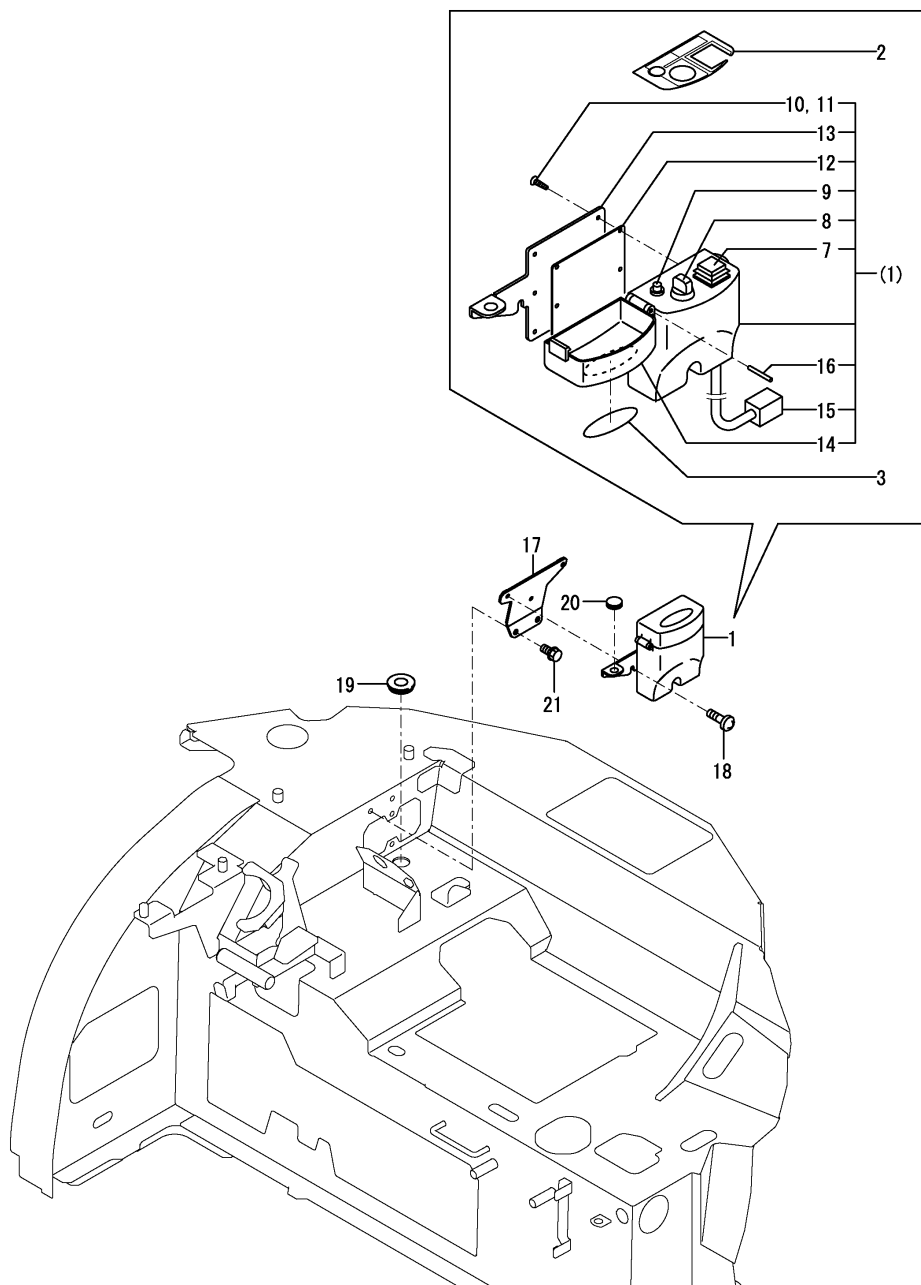
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16651	HARNESS, 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, HARNESS	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

OCS10-M52701 ELECTRICAL PARTS
Fig.20. ELECTRIC PART(WORK LAMP)



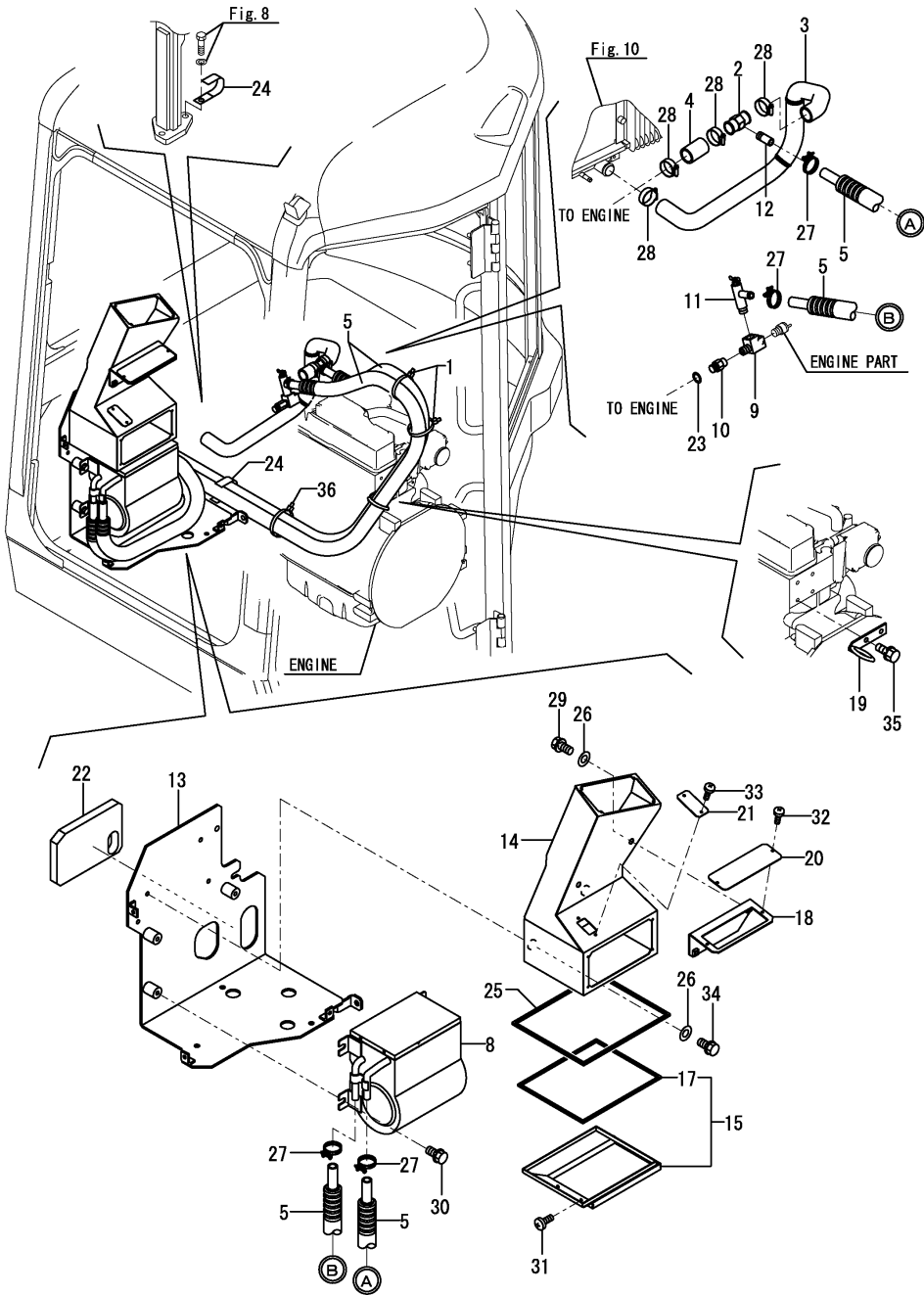
				OCS10-M52701		Fig.20			
				(A)=VIO27-5B(US)		(D)=VIO27-5B(SG)			
				(B)=VIO27-5B(AS)		(E)=			
				(C)=VIO27-5B(NZ)		(F)=			
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172A44-16550	HARNESS BOOM LAMP	1	1	1	1		
2	1	172A46-17400-2	COVER, LAMP	1	1	1	1		
2-1	1	172A46-17400-Y	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)									



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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)

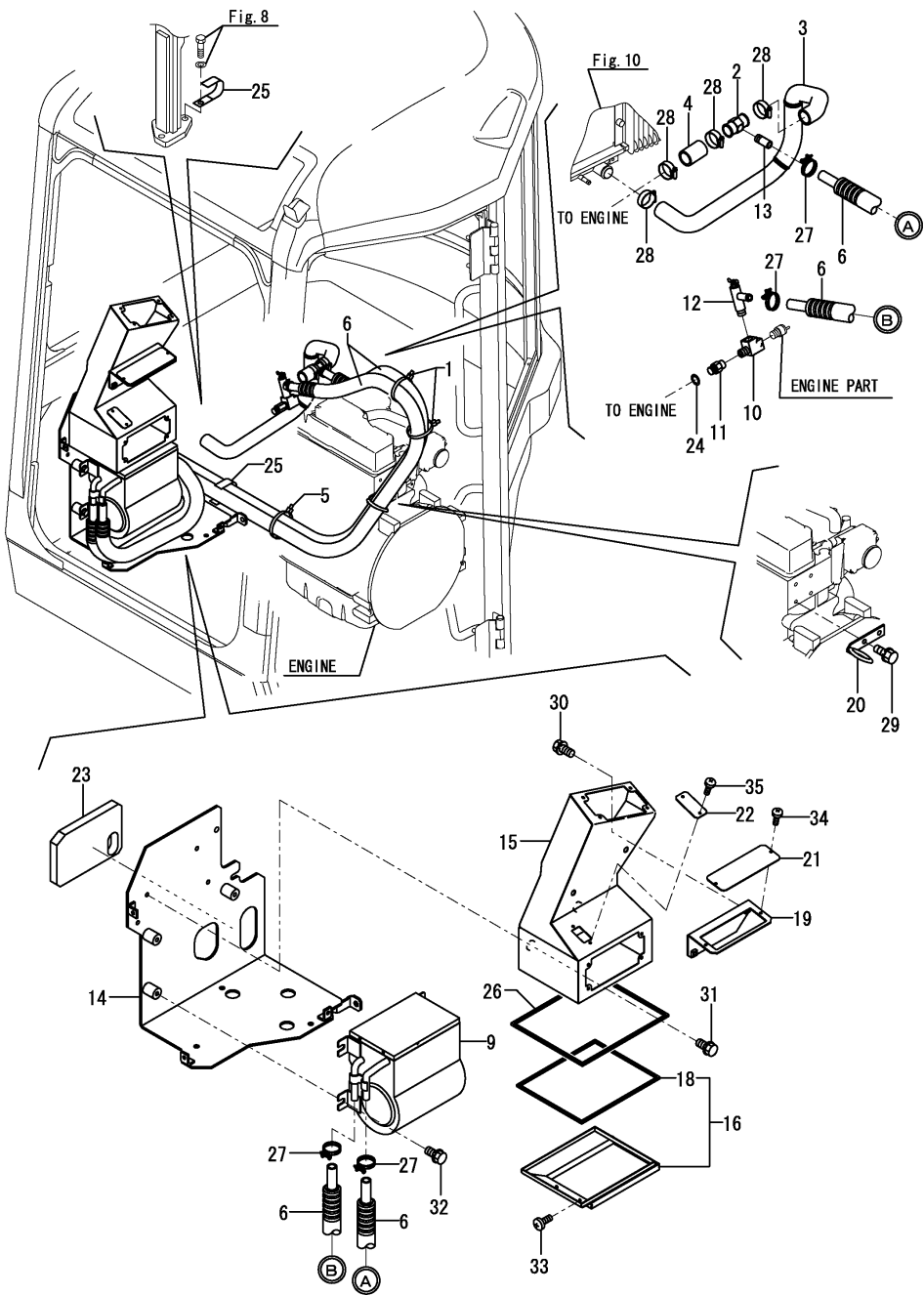
(D)=VIO27-5B(SG)
(E)=
(F)=



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				

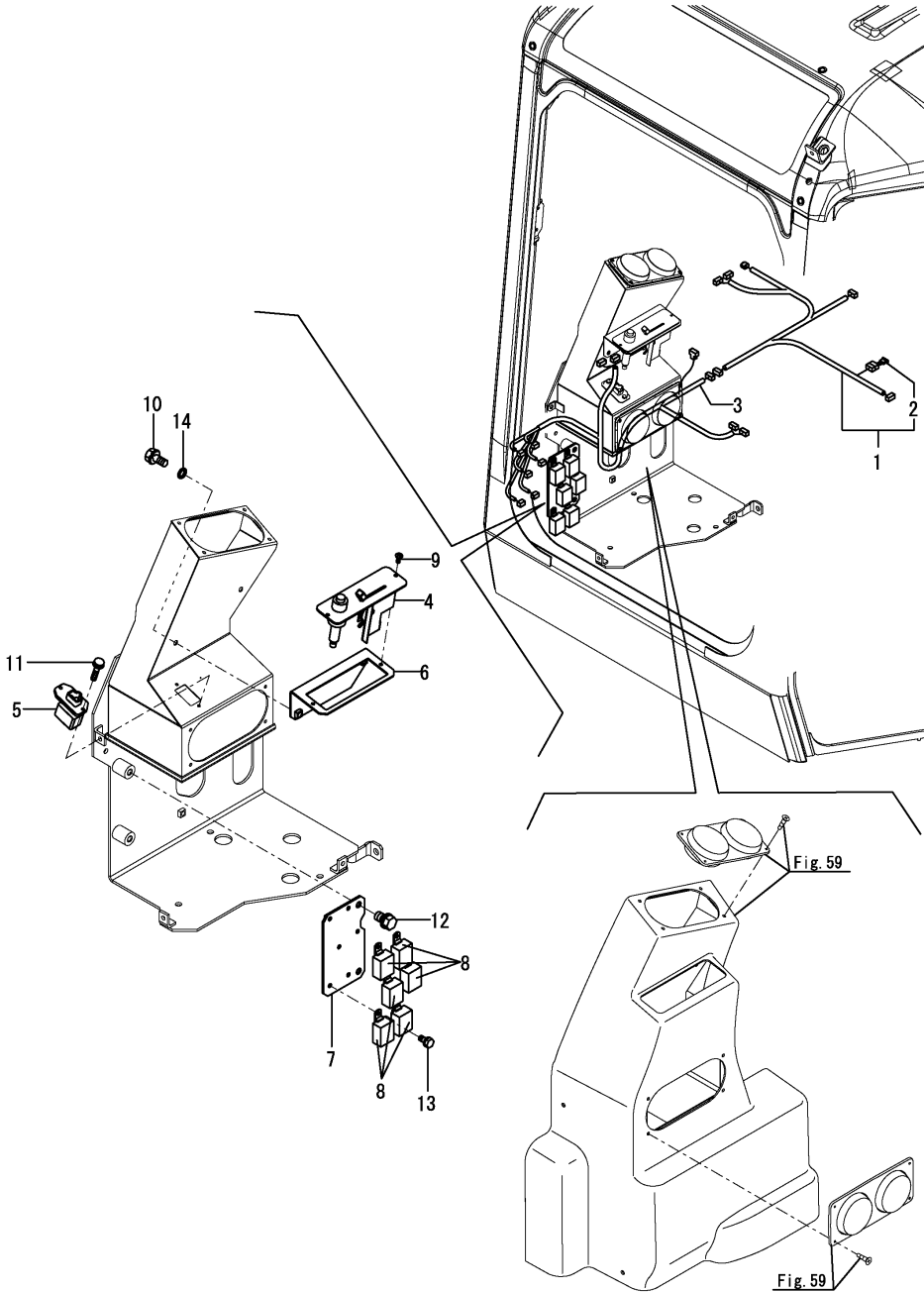
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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)



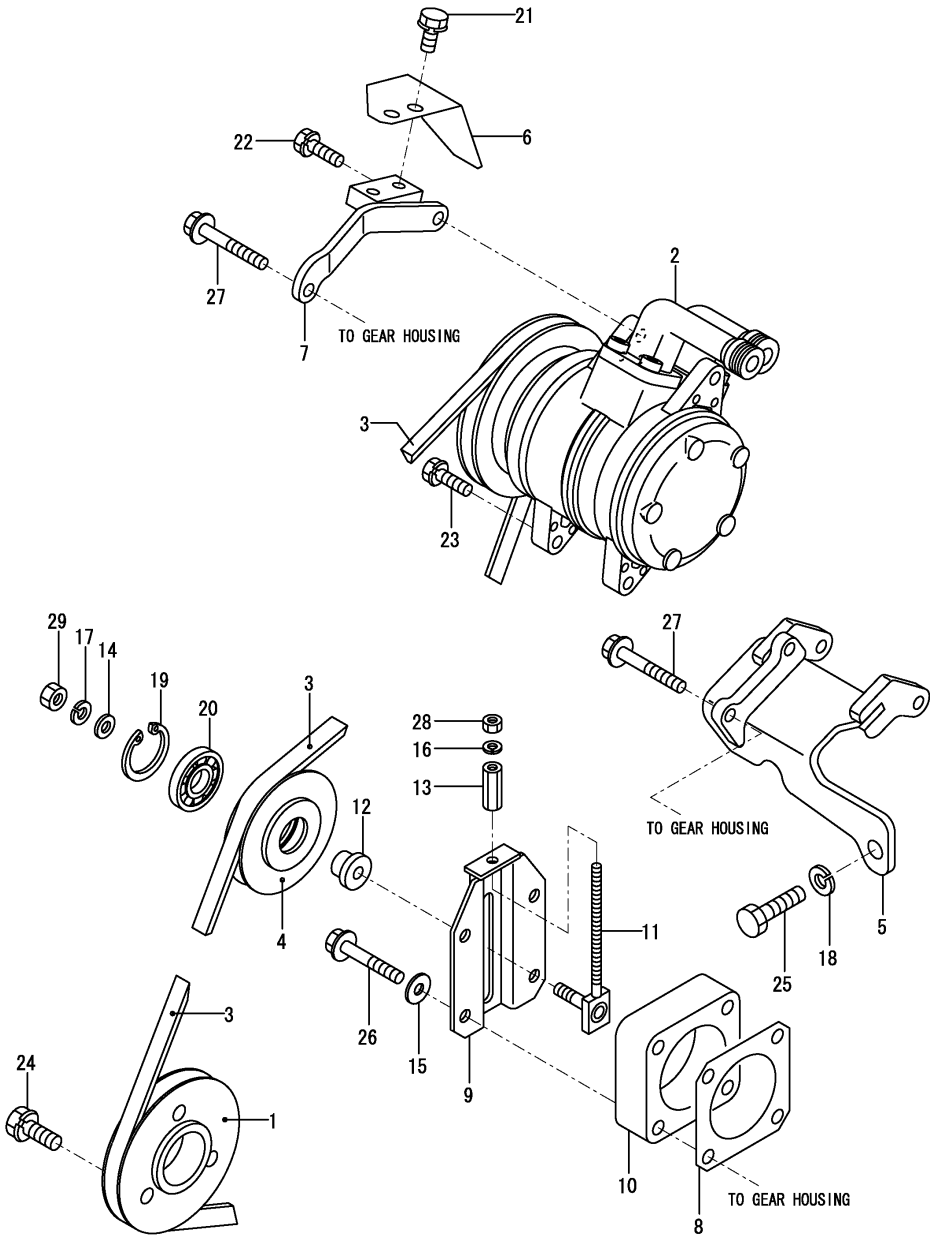
										0CS10-M52701 Fig.23	
										(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	
										(D)=VIO27-5B(SG) (E)= (F)=	
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A46-16560	HARNES, AIR	1	1	1	1				
2	2	172648-16600	DIODE	1	1	1	1				
3	1	172A47-16590	HARNES, WIRE	1	1	1	1				
3-1	1	172A47-16591	HARNES, 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				



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

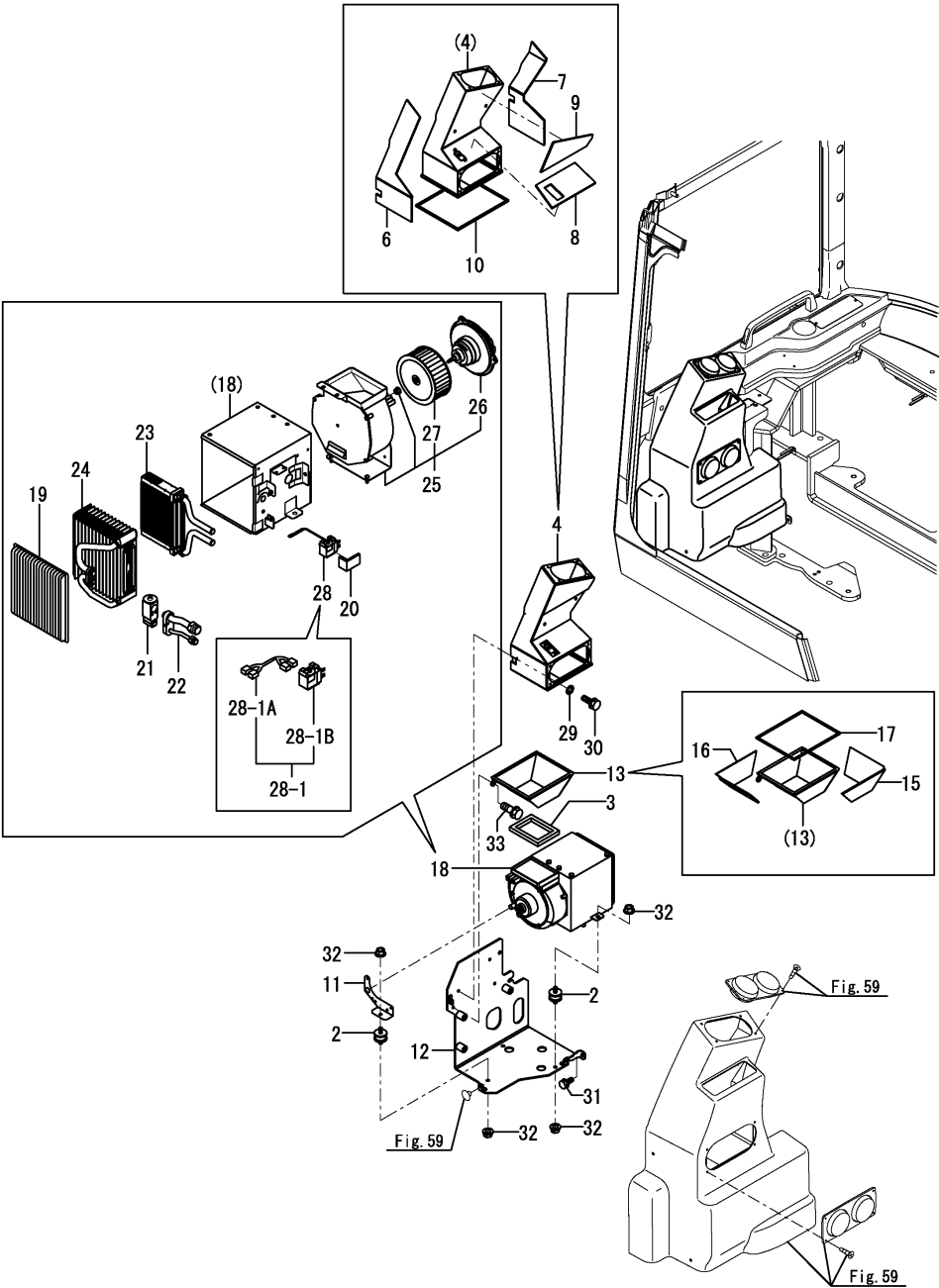
(D)=VIO27-5B(SG)
(E)=
(F)=



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

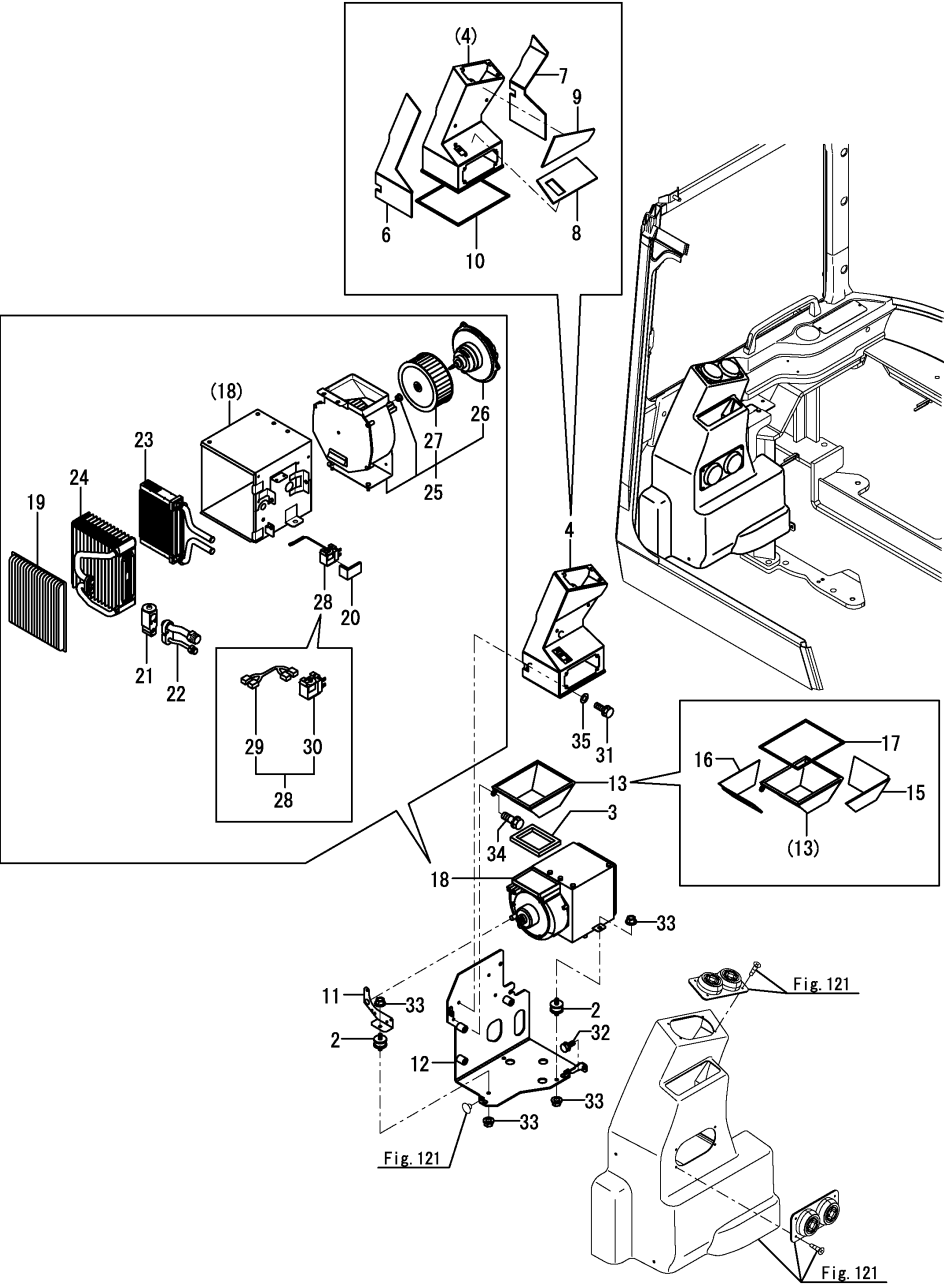
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



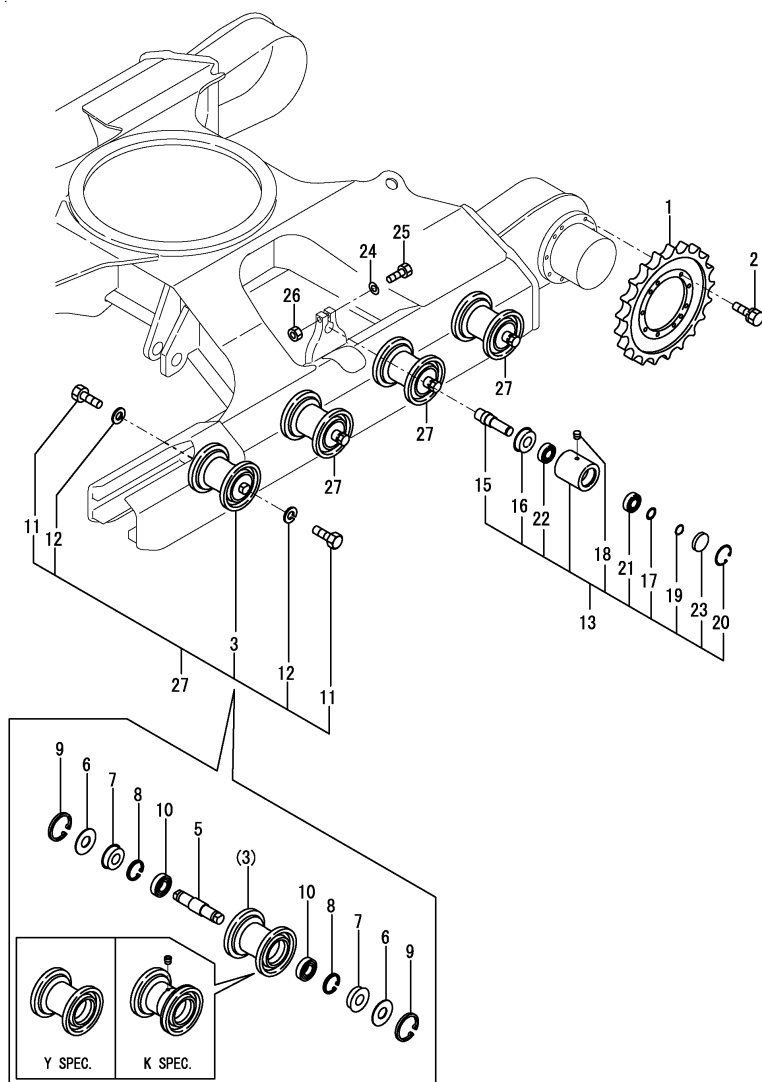
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	172447-13550	MOUNT, PAD	3	3	3	3				
3	1	172499-13750	SEAL, DUCT	1	1	1	1				
4	1	172A47-18261	DUCT ASSY	1	1	1	1				
6	2	172A47-19330	SHEET, INSULATOR	1	1	1	1				
7	2	172A47-19340	SHEET, INSULATOR	1	1	1	1				
8	2	172A47-19350	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)=

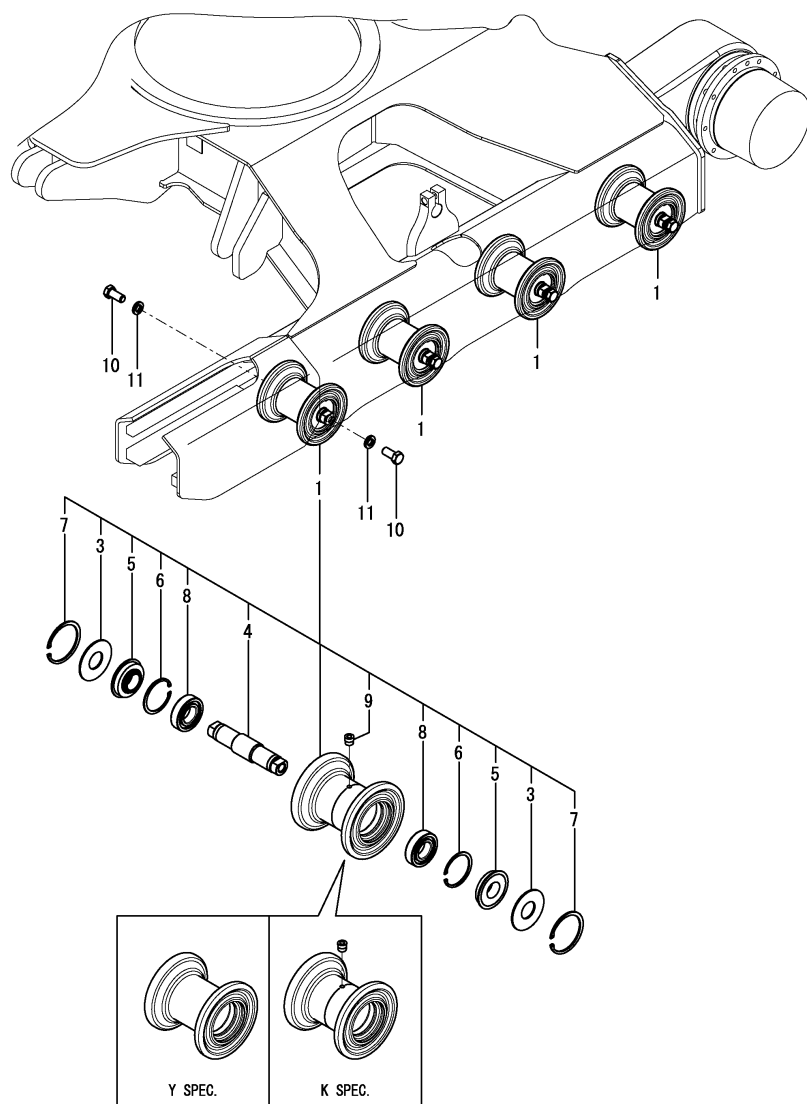
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
2	1	172447-13550	MOUNT, PAD	3	3	3	3				
3	1	172499-13750	SEAL, DUCT	1	1	1	1				
4	1	172A47-18262	DUCT ASSY	1	1	1	1				
6	2	172A47-19330	SHEET, INSULATOR	1	1	1	1				
7	2	172A47-19340	SHEET, INSULATOR	1	1	1	1				
8	2	172A47-19350	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				



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)							

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

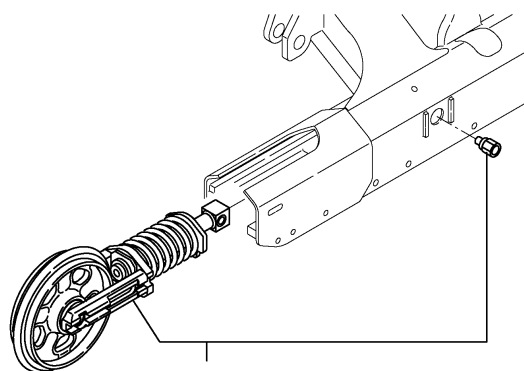
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change



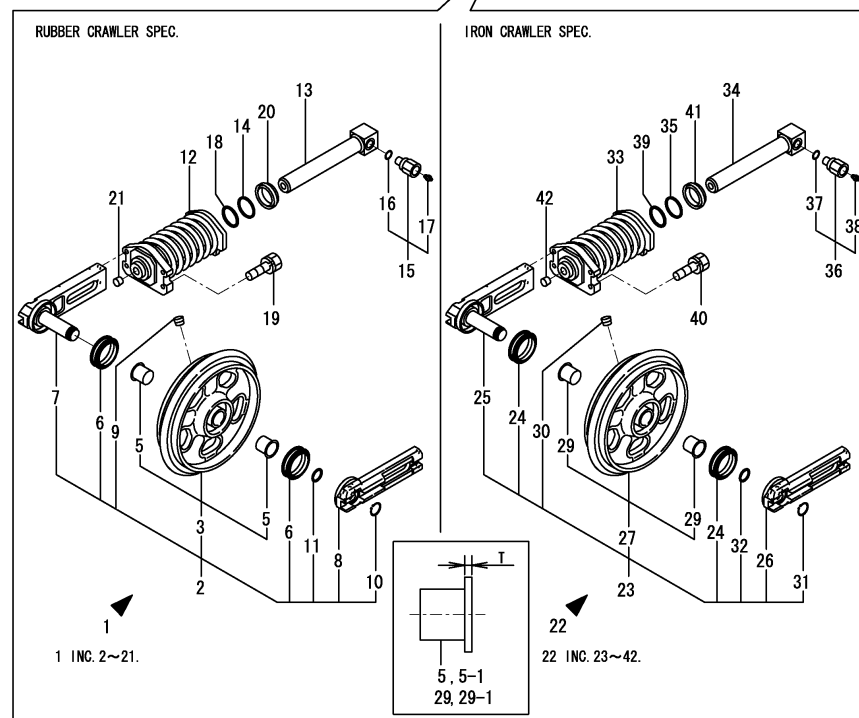
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172B03-37300	ROLLER ASSY,LOWER	8	8	8	8			W	
	(A="2014.05.)	(B="2014.05.)	(C="2014.05.)	(D="2014.05.)							
3	2	172141-37320	SPACER	16	16	16	16				
4	2	172B03-37320	SHAFT	8	8	8	8				
5	2	1A1030-48250	SEAL,OIL QLF30621218	16	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.

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



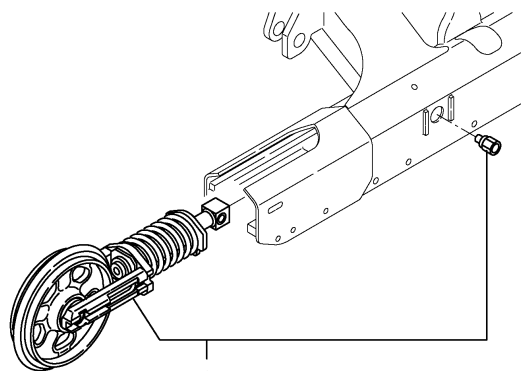
1 RUBBER CRAWLER SPEC.
22 IRON CRAWLER SPEC.



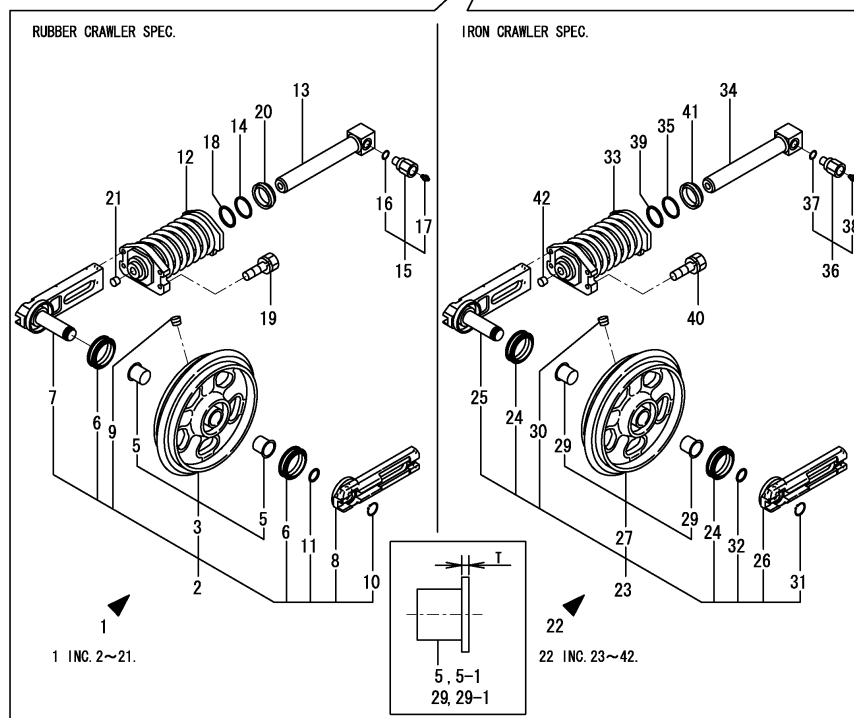
Remarks
(1)Rubber crawler spec.
(2)Iron crawler spec.
(3)T=Ref.No.5,29:2mm, No.5-1,29-1:4.5mm.

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	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 $\xrightarrow[\text{No}]{\text{Yes}}$ 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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1 RUBBER CRAWLER SPEC.
22 IRON CRAWLER SPEC.



No.	Lev.	Parts No.	Description	(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)		(D)=VIO27-5B(SG) (E)= (F)=			
				(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		

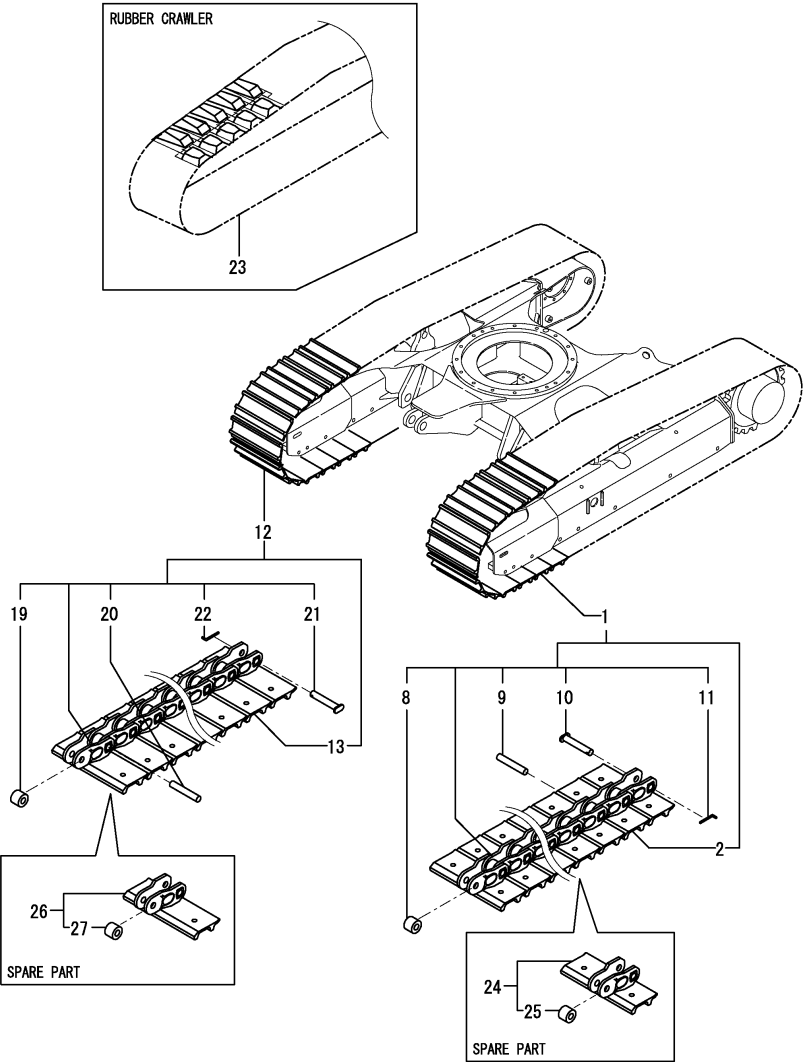
(3) T=Ref.No.5, 29:2mm, No.5-1, 29-1:4.5mm.

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

(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

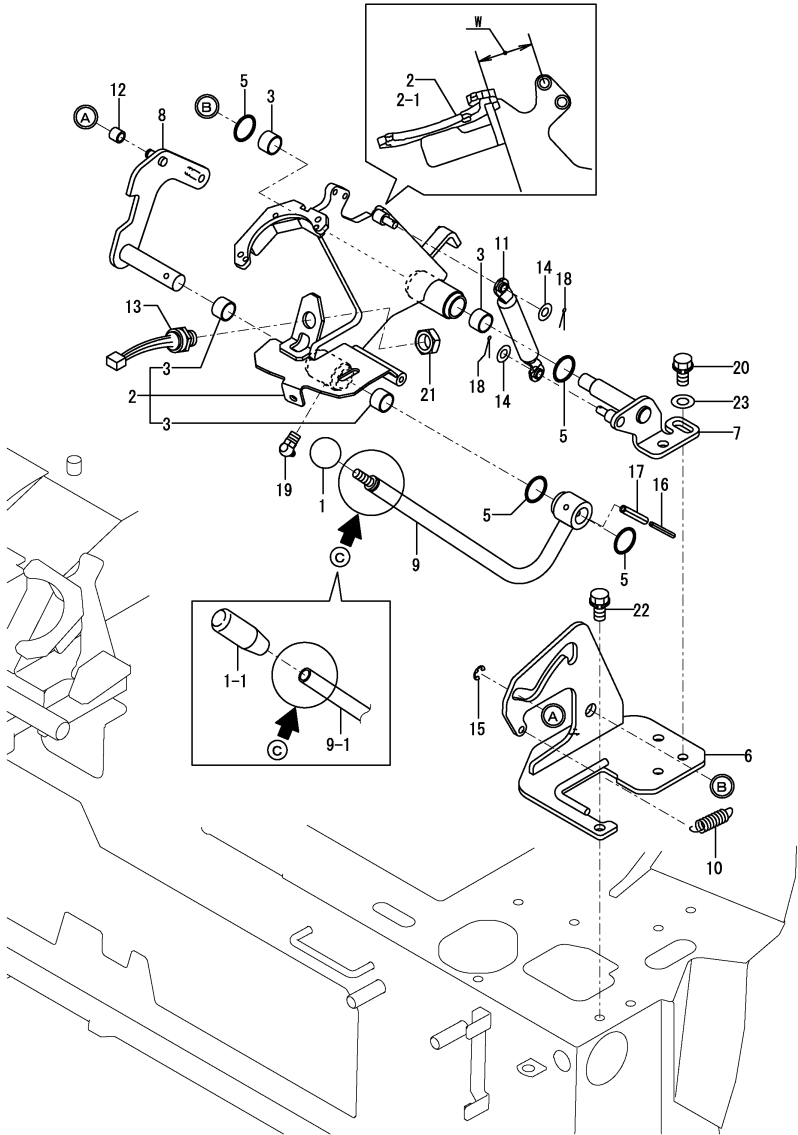
Interchangeable by simultaneous replacement with Ref.No.1-1.

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

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

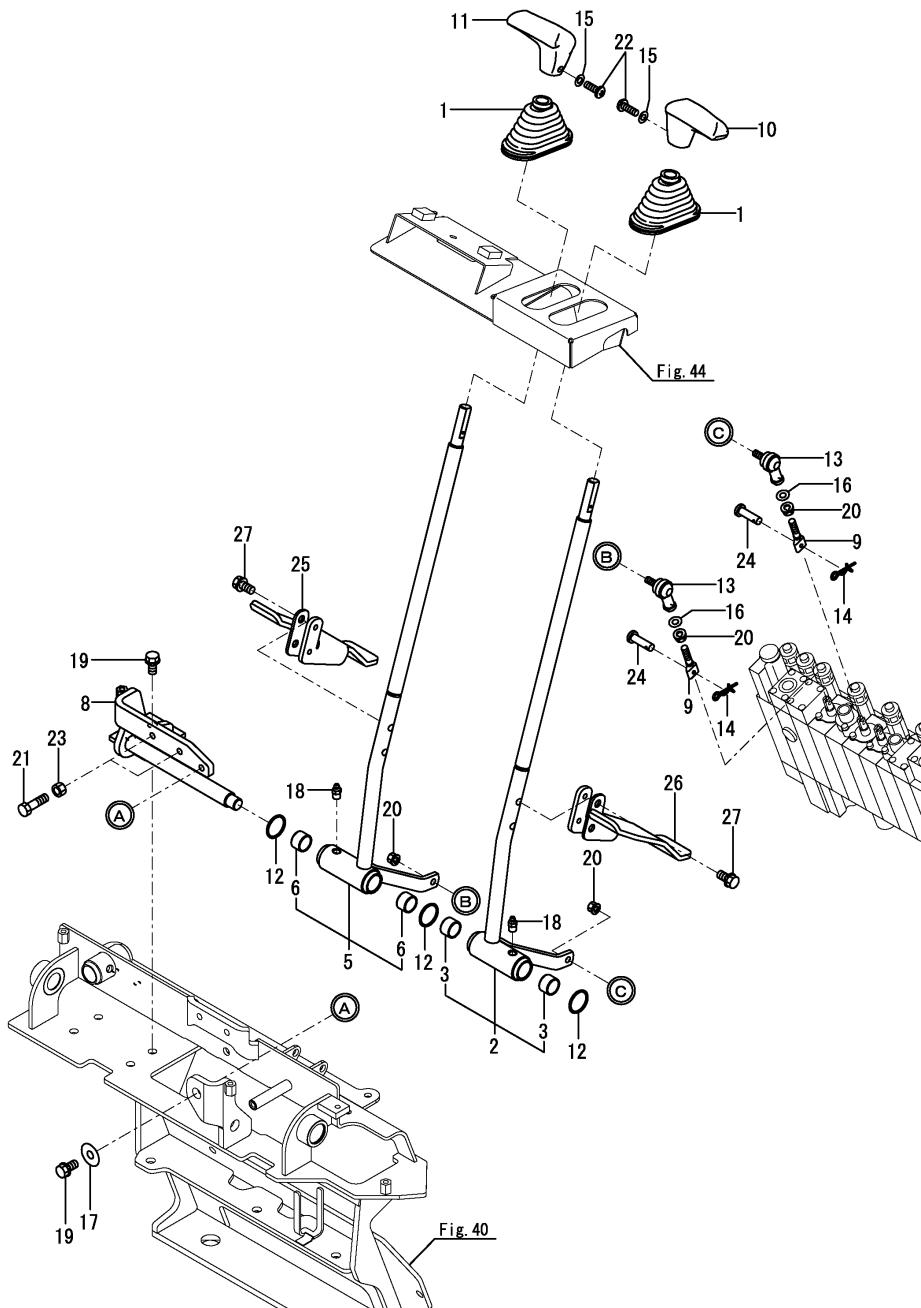
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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

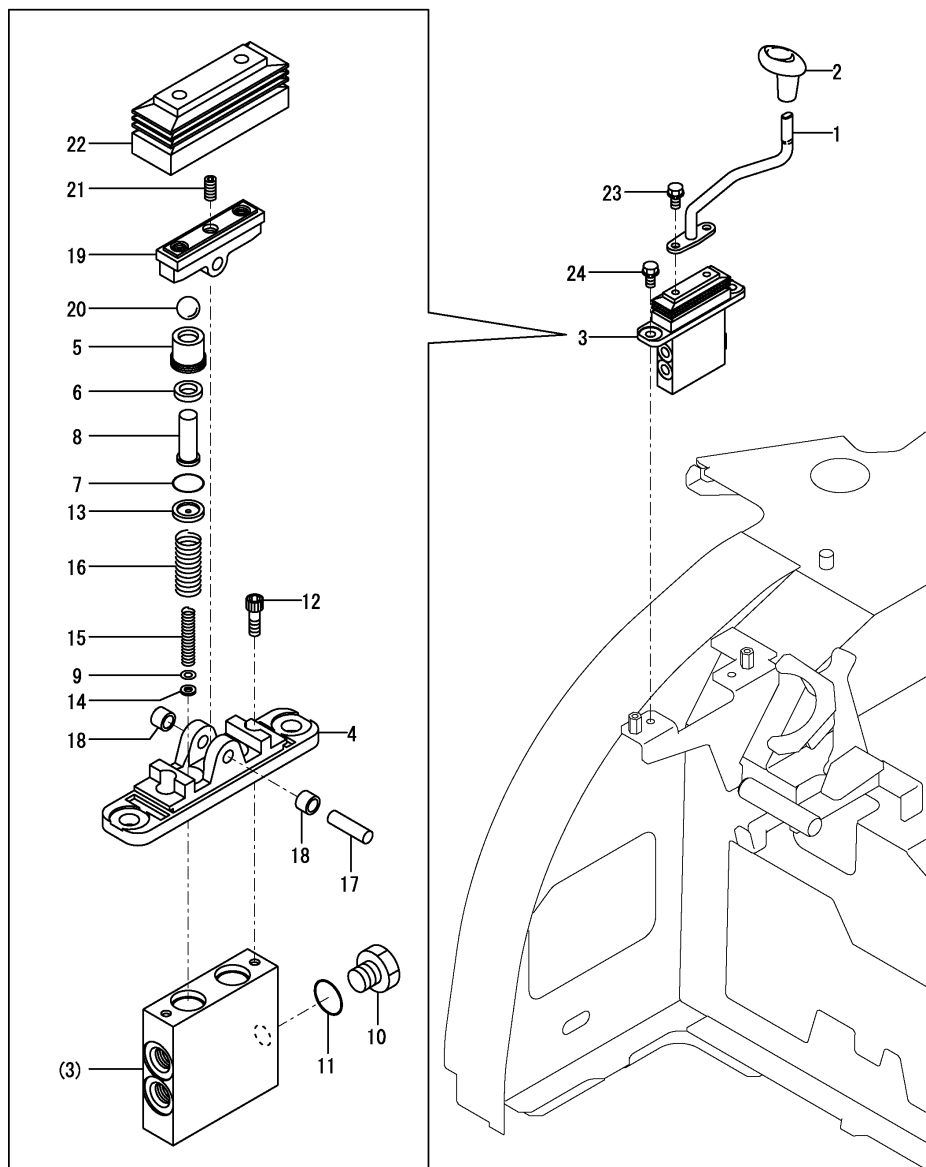


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	1D4070-23580	GRIP	1	1	1	1				
1-1	1	172A77-46050	GRIP	1	1	1	1			S	
		(A=M53431) (B=M53431) (C=M53431) (D=M53431)									
2	1	172A78-46100	STAND ASSY, LEVER	1	1	1	1				
2-1	1	172A78-46101	STAND ASSY, LEVER	1	1	1	1			S	4
		(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)=

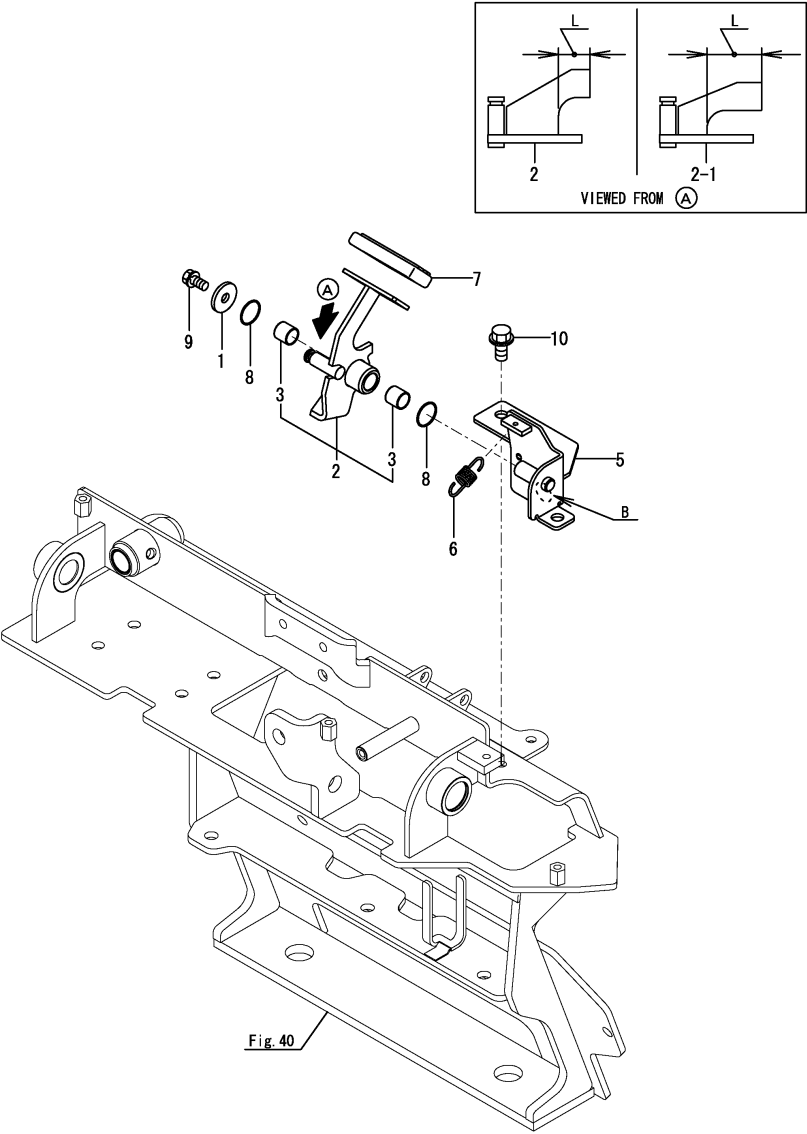
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	194200-37780	NUT, M8	1	1	1	1				
2	1	172734-41300	JOINT, BALL	1	1	1	1				
2-1	1	1E6740-64200	BALL, LINK	1	1	1	1				R
(A=M53094) (B=M53094) (C=M53094) (D=M53094)											
3	1	1A1040-43900	WASHER, SPRING	1	1	1	1				
4	1	172A47-45200	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)

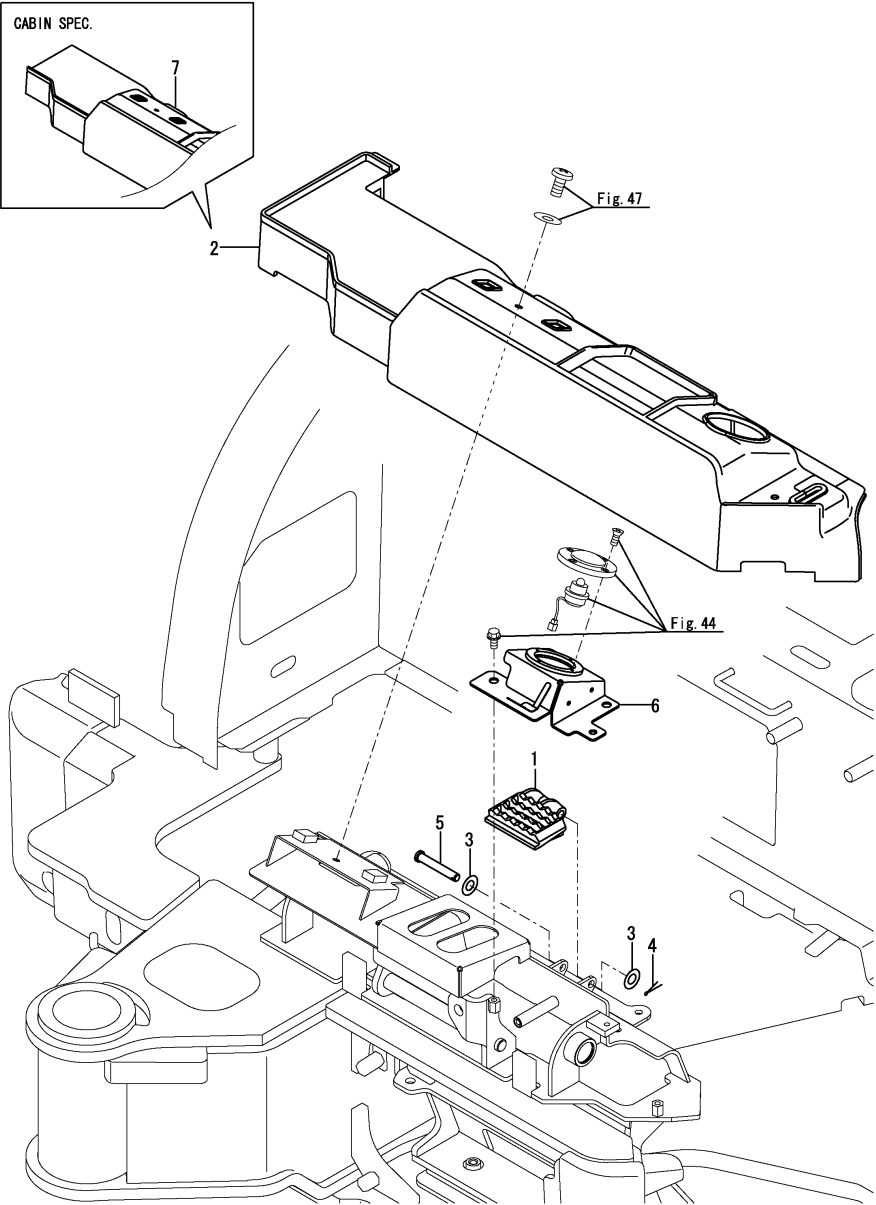
(D)=VIO27-5B(SG)
(E)=
(F)=

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.

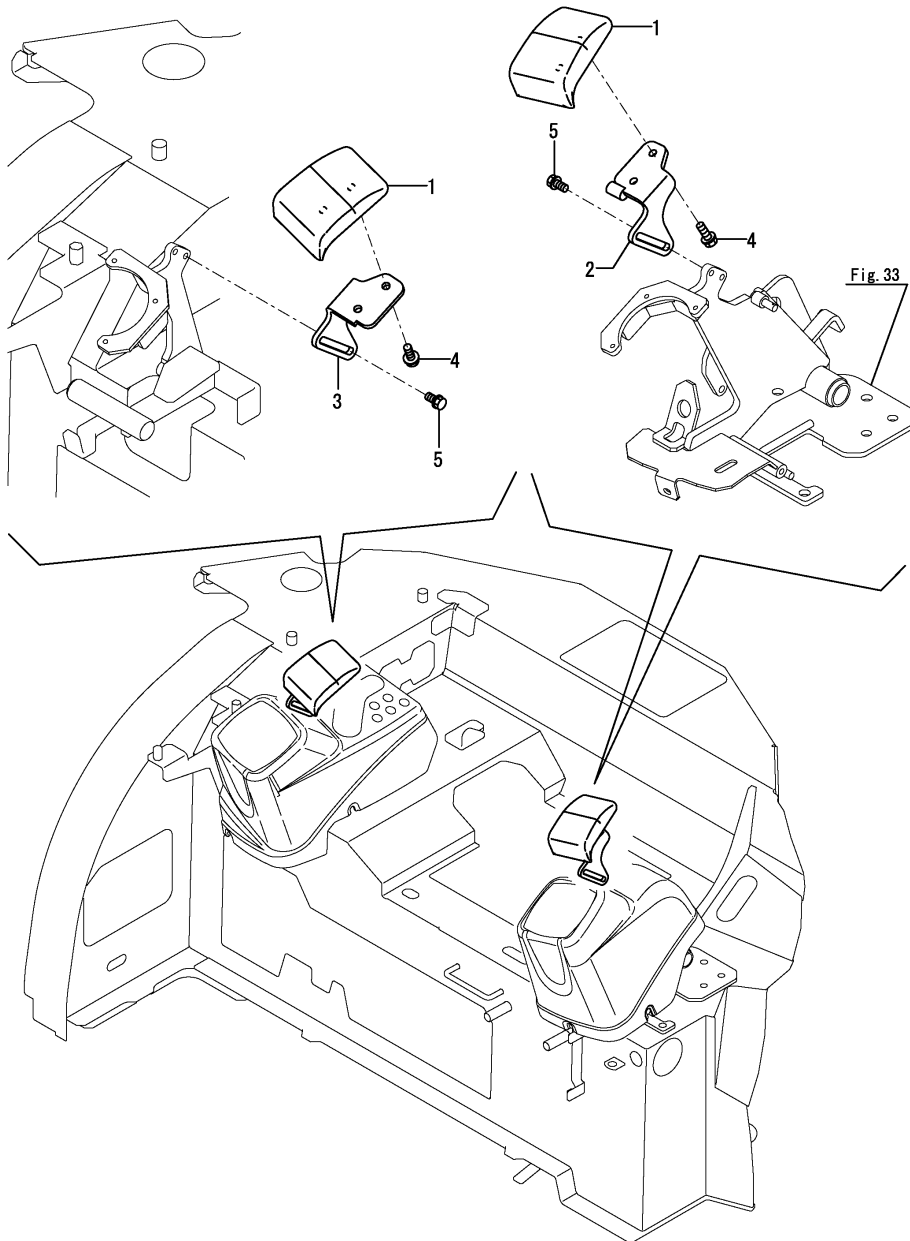
Fig.38. CONTROL EQUIPMENT(P.T.O. PEDAL)



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



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			

(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				

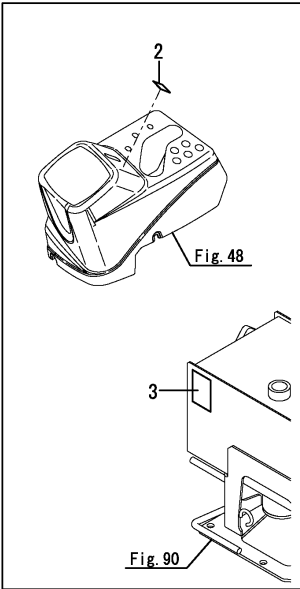
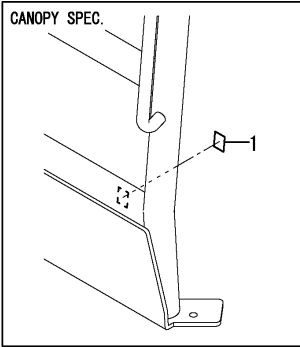
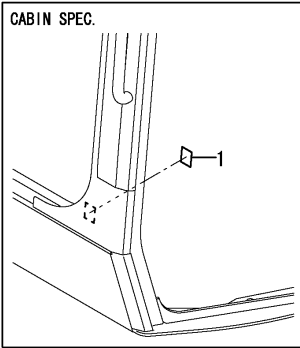
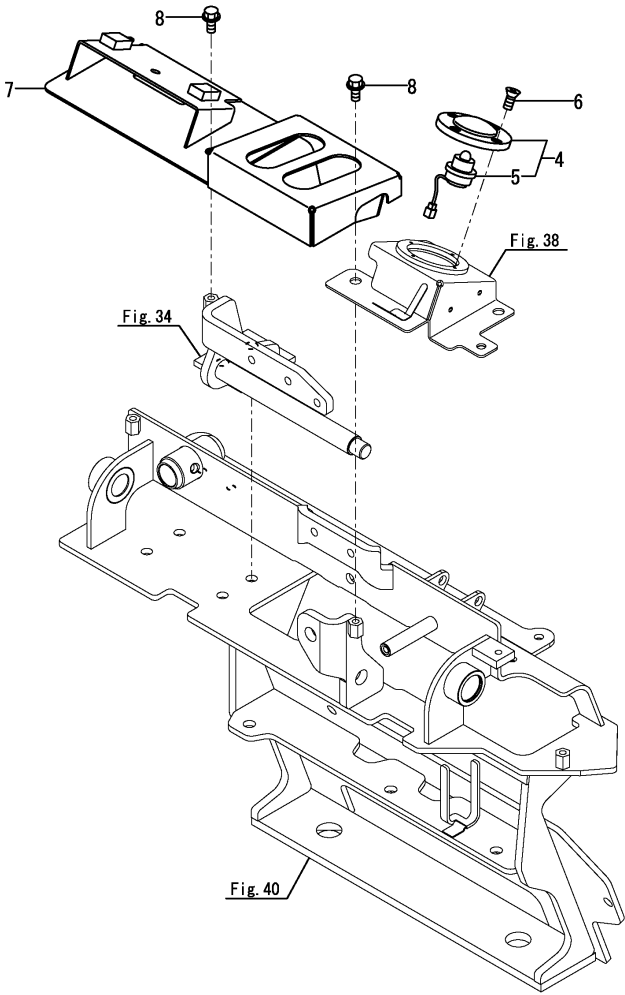
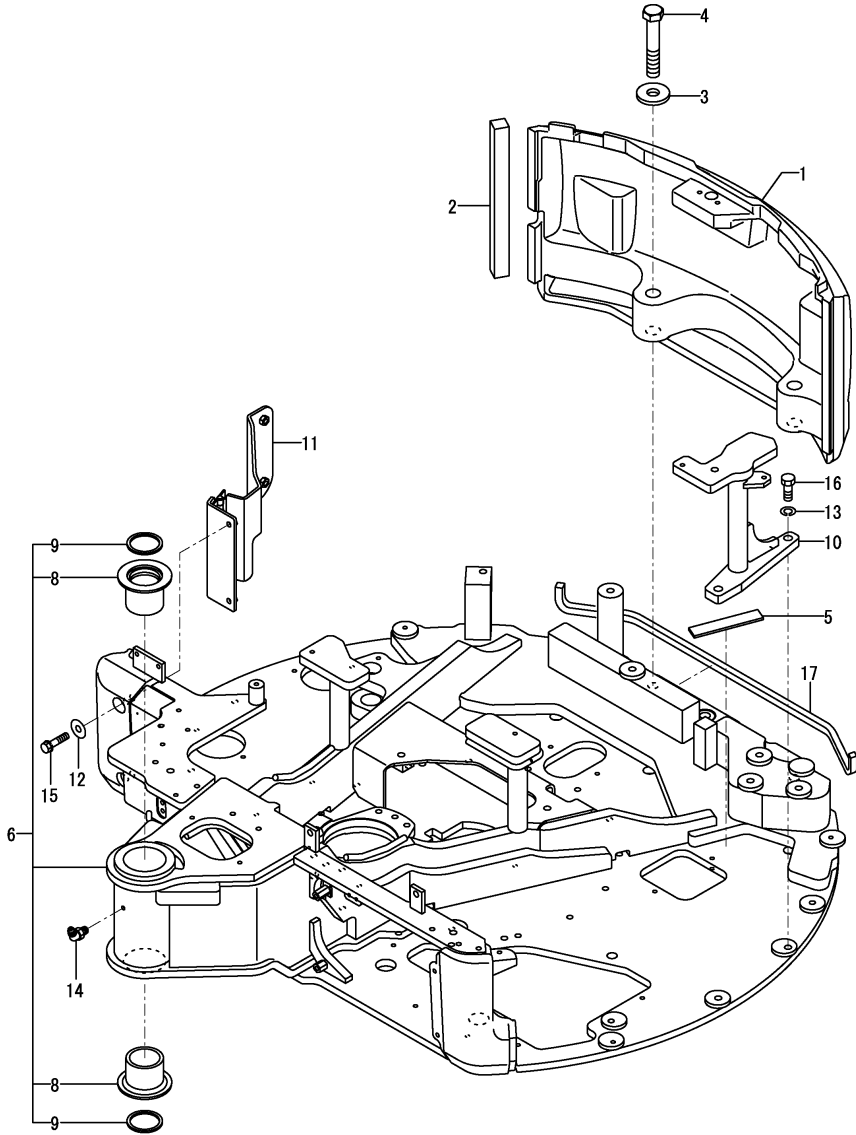


Fig.41. TURNING FRAME



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

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

tion

No.	Lev.	Parts No.	Description	(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		

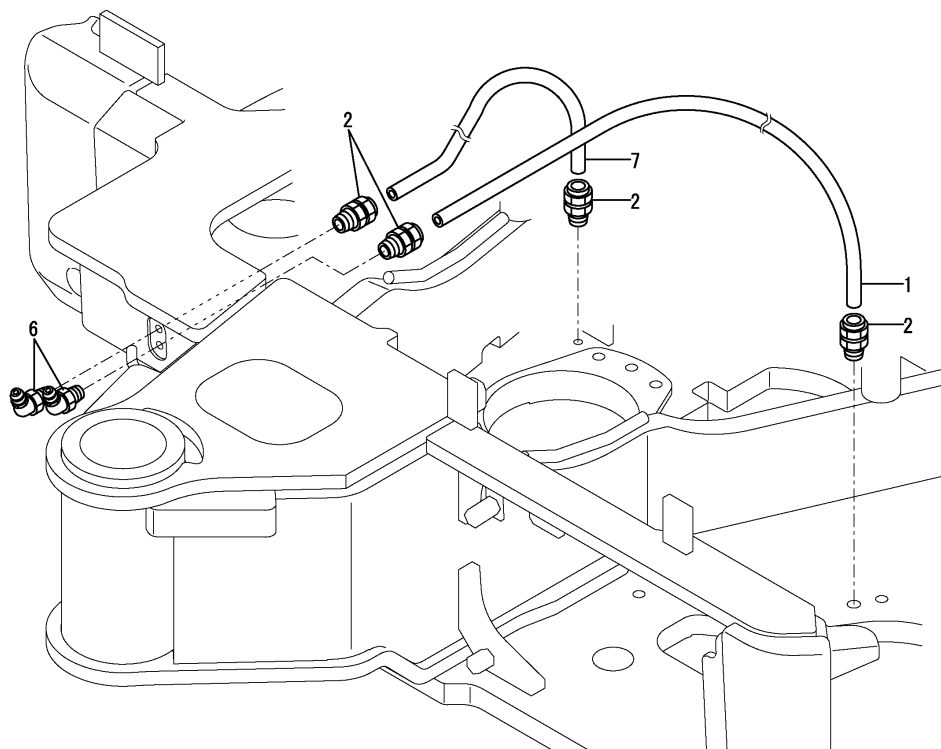
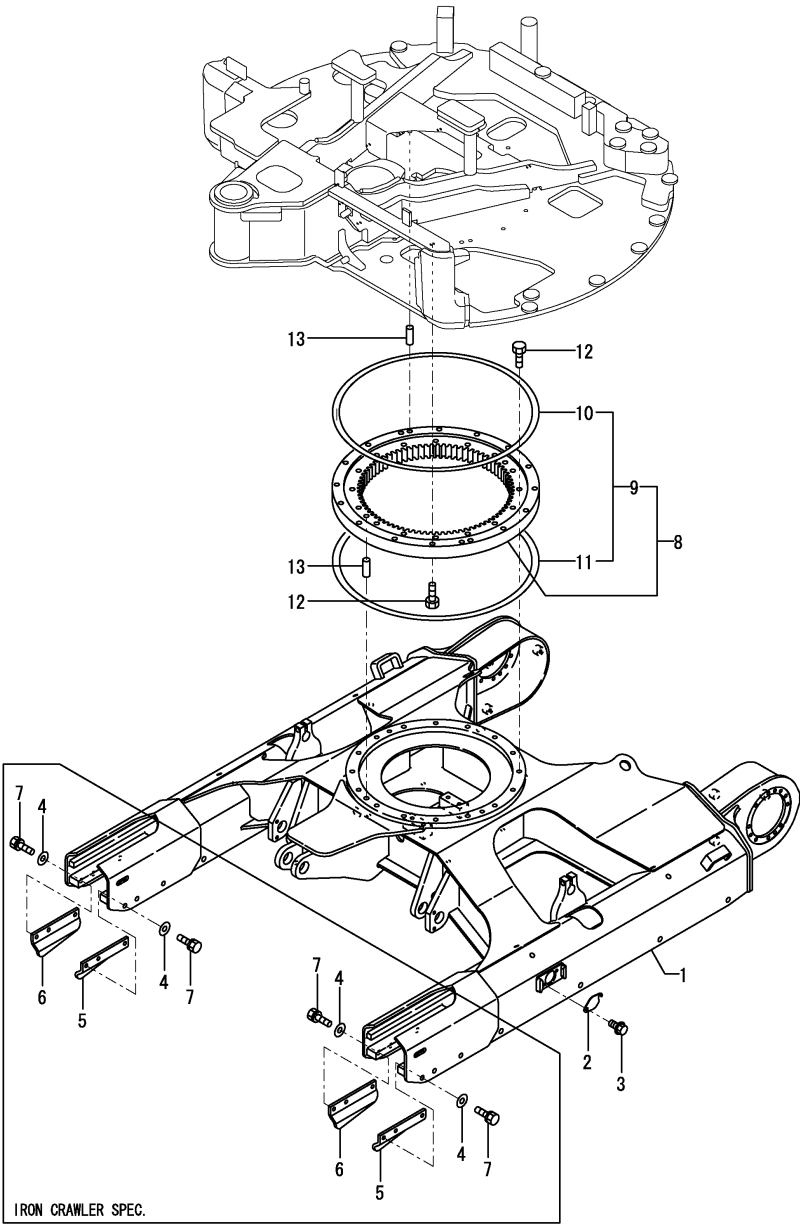
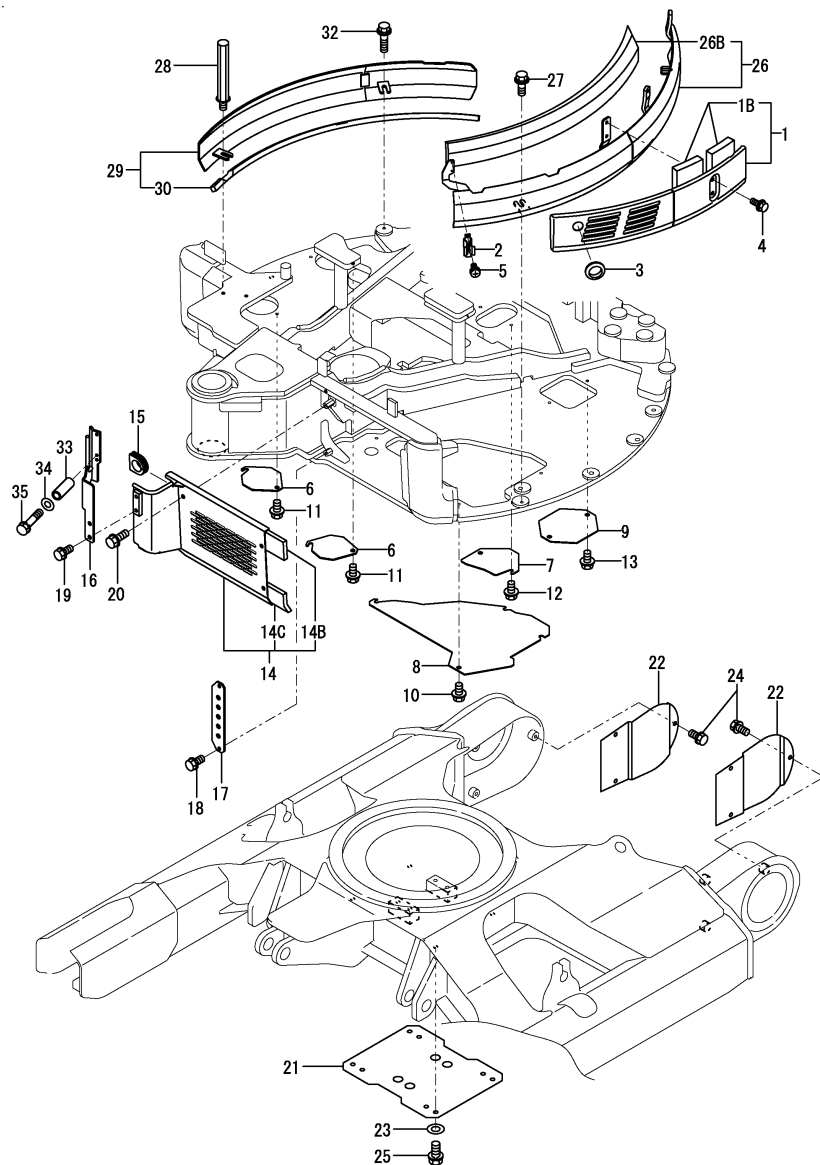


Fig.43. TRACK FRAME & TURNING BEARING



Remarks
(1)Iron crawler spec.

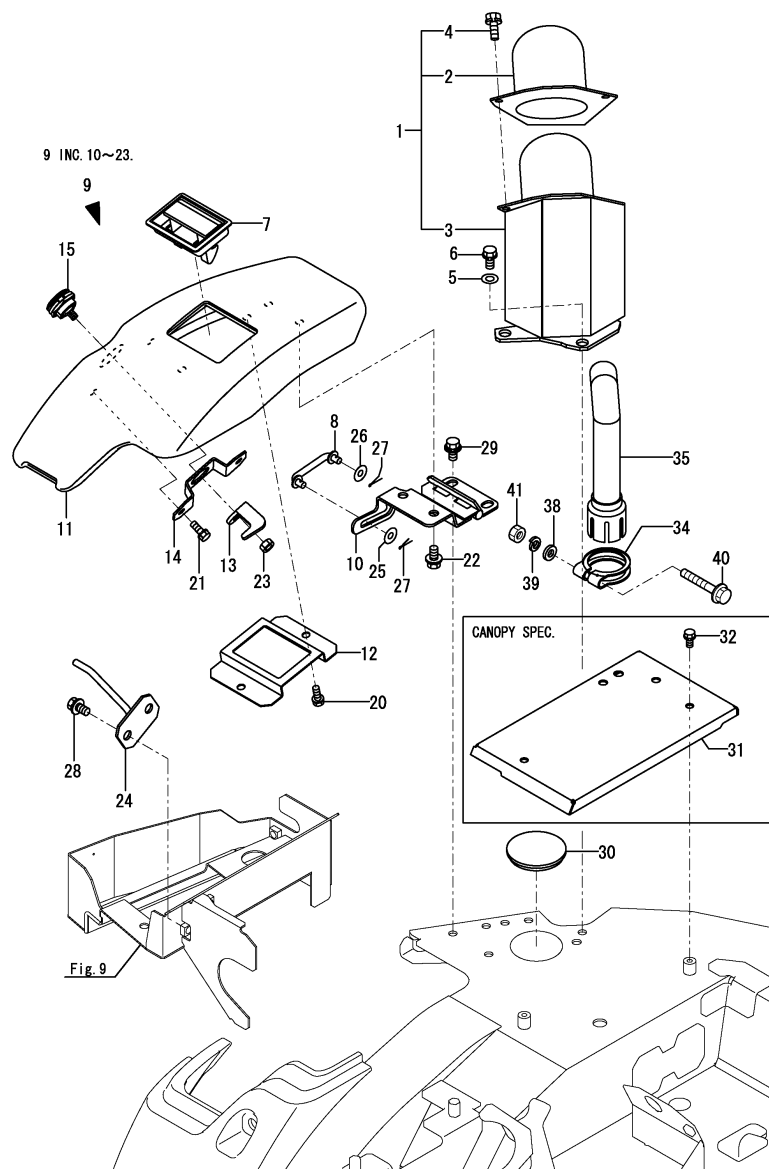
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-50101	FRAME ASSY, LOWER	1	1	1	1				
2	1	172458-50480-2	COVER, FRAME	2	2	2	2				
3	1	26106-100122	BOLT, M10X 12 PLATED	4	4	4	4				
4	1	172730-05250	WASHER	12	12	12	12				1
5	1	172458-50800-2	PLATE, GUARD	2	2	2	2				1
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)						
	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									

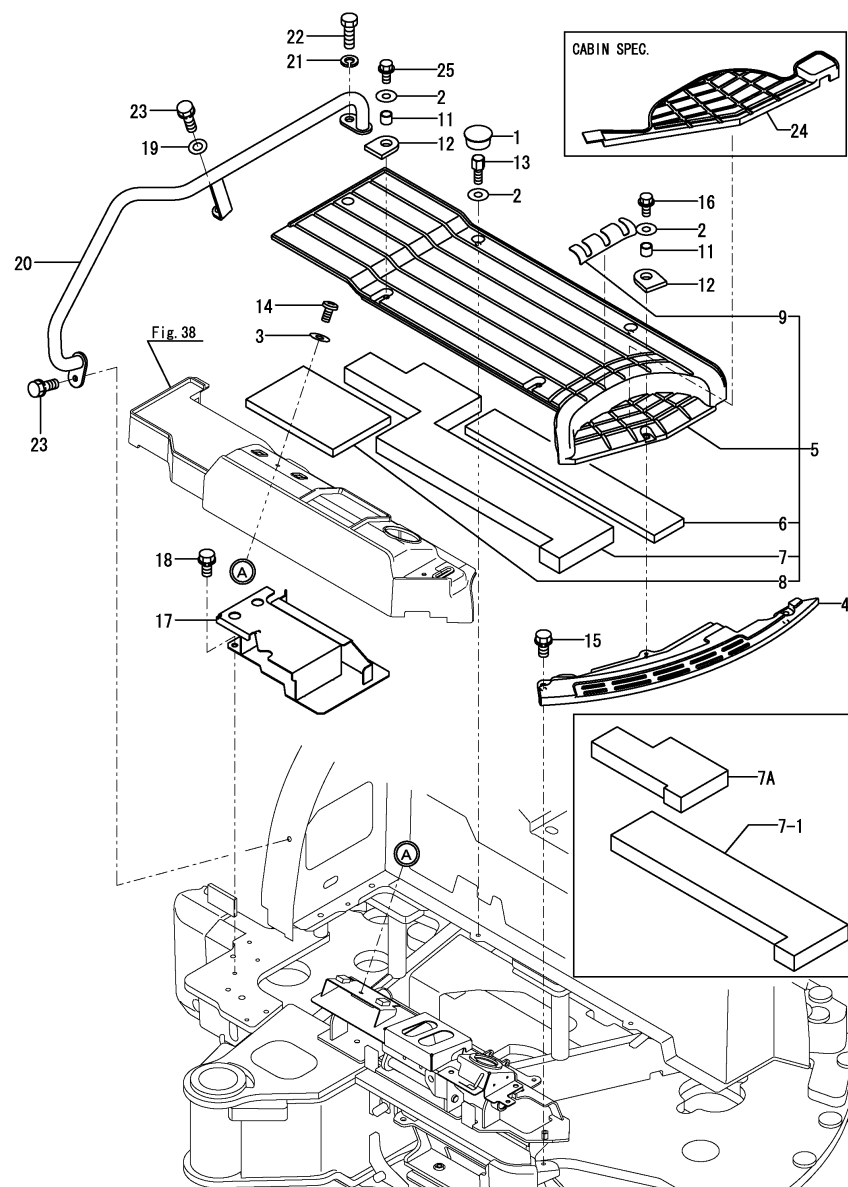
N:Old $\xrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
 ++ CONTINUE ++
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No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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				

(1)Canopy spec.
(2)Please use this part with following label at the same time.
Ref.No.33A.
(3)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



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)							

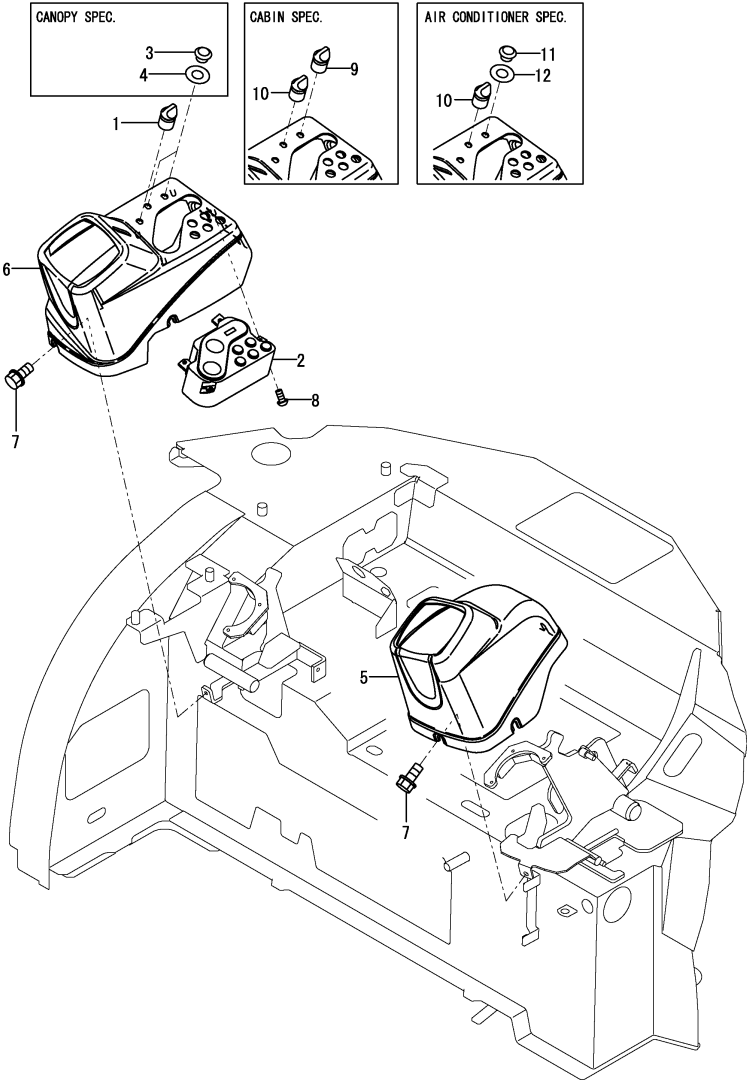
Remarks
(1)Canopy spec.
(2)Cabin spec.
(3)Interchangeable by simultaneous replacement with Ref.No.7A.

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

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

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



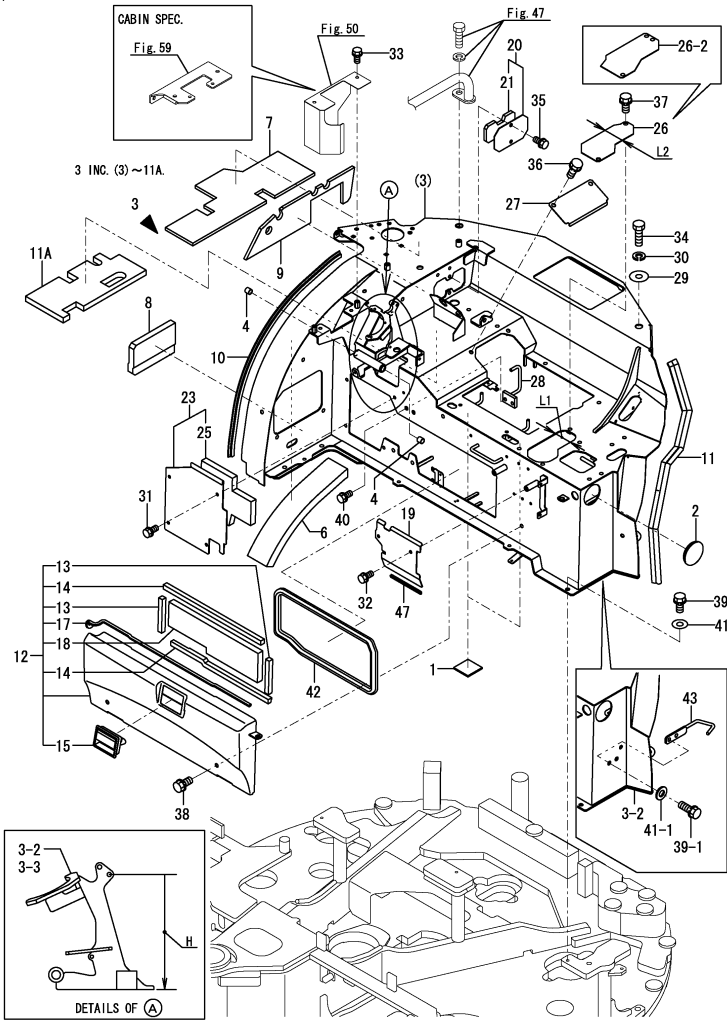
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172187-17280	SWITCH ASSY, LIGHT	1	1	1	1				
2	1	172A77-17250	MONITOR ASSY	1	1	1	1				
3	1	172187-17560	CAP	2	2	2	2				3
4	1	172187-17570	GASKET	2	2	2	2				3
5	1	172A47-63110	PANEL, INSTRUMENT	1	1	1	1				
6	1	172A47-63121	PANEL, 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.

Fig.49. SEAT MOUNT

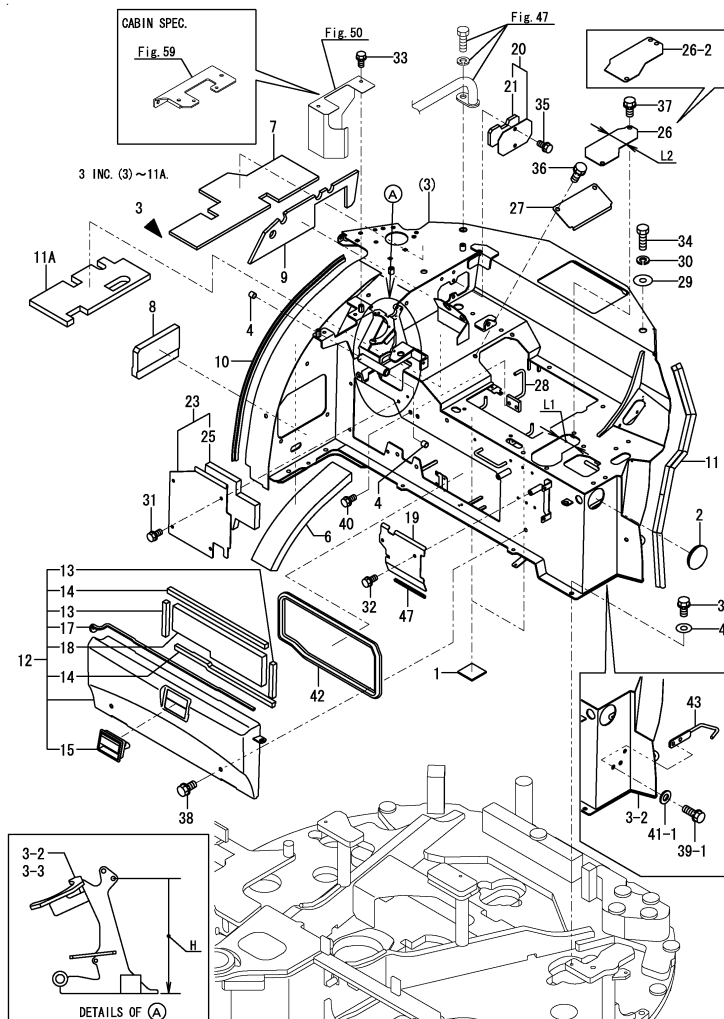
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



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.

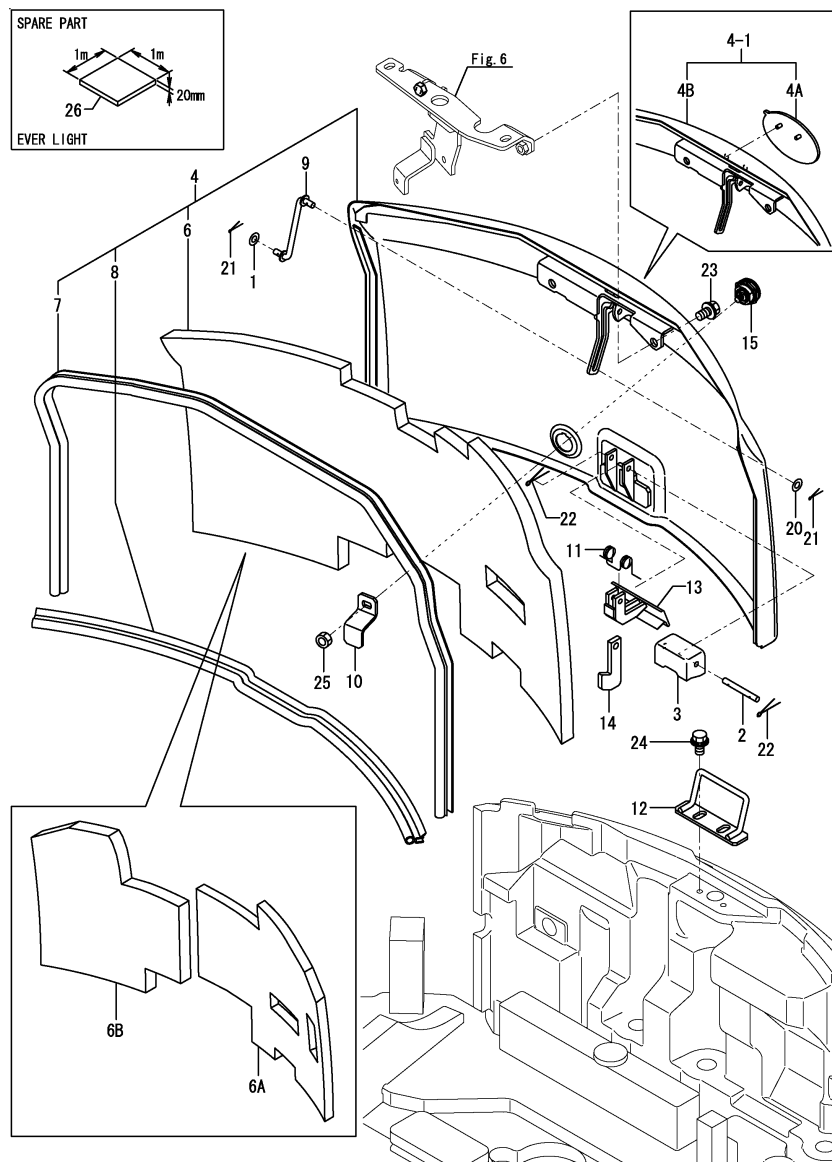
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172446-14250	PLATE, RUBBER	2	2	2	2				
2	1	172730-61890	CAP, ENGINE COVER	1	1	1	1				
3	1	172A77-64100	MOUNT ASSY, SEAT	1	1	1	1				1
3-1	1	172A77-64101 (A=M53045) (B=M53045) (C=M53045) (D=M53045)	MOUNT ASSY, SEAT	1	1	1	1			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				



(5) L2=Ref.No.26:72mm, No.26-1:88mm.

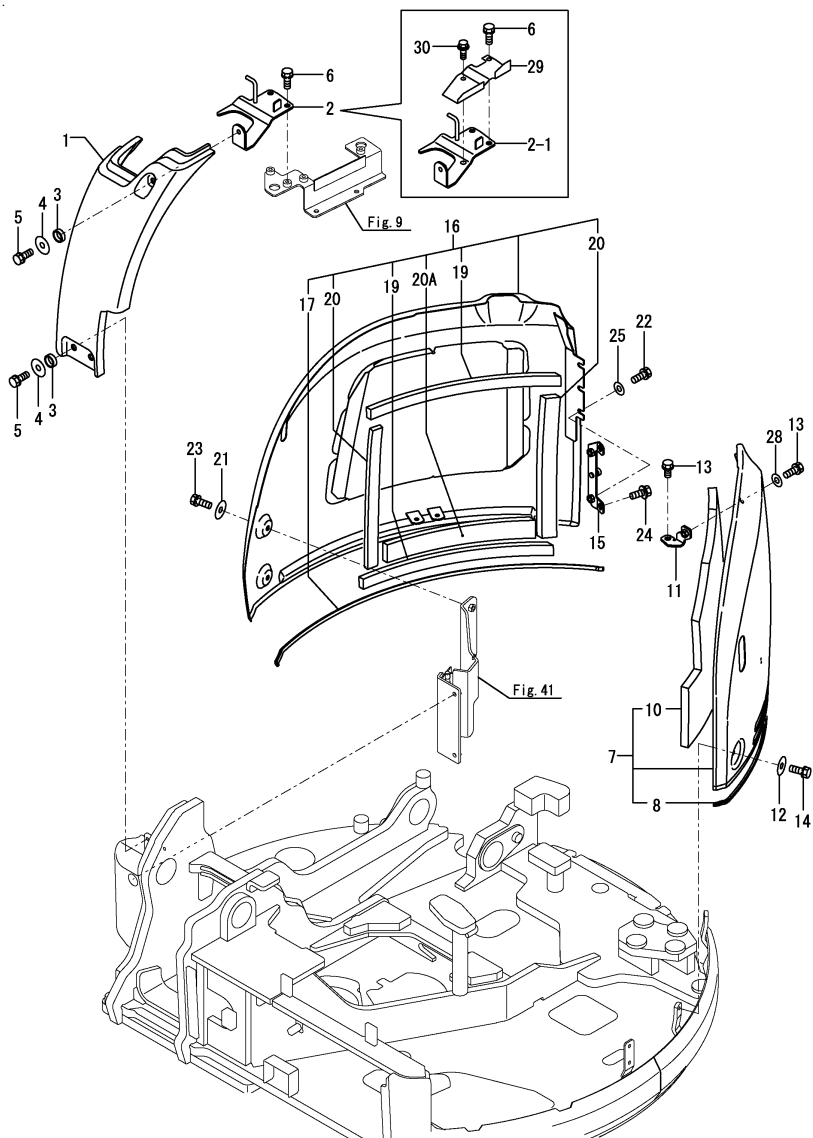
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
32	1	26013-080162	BOLT, M8X 16	2	2	2	2				
33	1	26013-080162	BOLT, M8X 16	2	2	2	2				
34	1	26116-160252	BOLT, M16X 25 PLATED	1	1	1	1				
35	1	26013-080162	BOLT, M8X 16	2	2	2	2				
36	1	26013-100162	BOLT, M10X 16	2	2	2	2				
37	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	LAVEL,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)							

Fig.51. BONNET(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)		
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

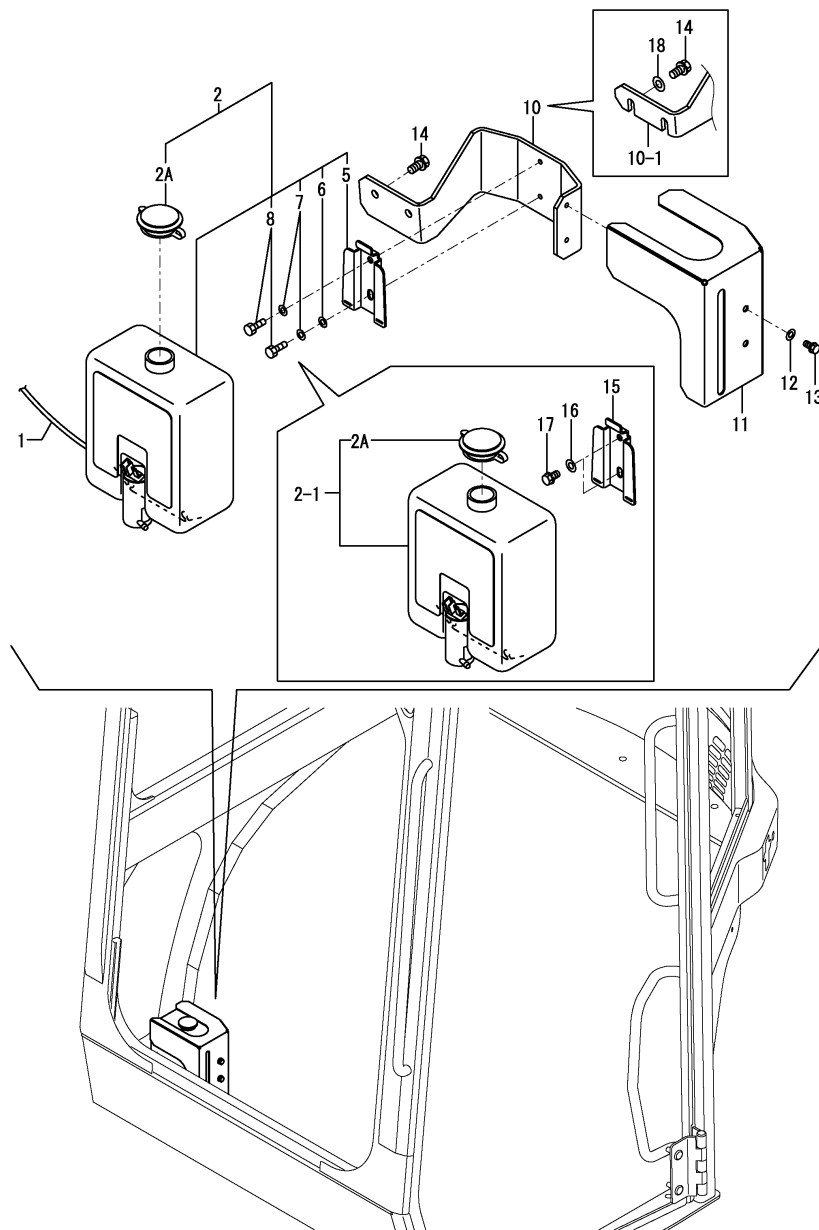
(1) Spare parts.
(2) Please use this part with following label at the same time.
Ref.No.27A,27B,27C,27D,27E.
(3) Label is not illustrated.
(4) Interchangeable by simultaneous replacement with Ref.No.6A,6B.



(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)
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

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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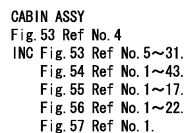
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172472-16610	HARNESS, WASHER	1	1	1	1				
2	1	172472-17610	TANK ASSY, WASHER	1	1	1	1				
2-1	1	172A47-18980	TANK ASSY, WASHER	1	1	1	1			F	1
2A	(A=M53280) 2	(B=M53280) 172A47-18990	(C=M53280) CAP	(D=M53280)	1	1	1	1			W
5	3	172472-17650	BRACKET		1	1	1	1			Z
6	(A=M54352) 3	(B=M54352) 22137-060000	(C=M54352) WASHER, 6	(D=M54352)	1	1	1	1			Z
7	(A=M54352) 3	(B=M54352) 22217-060000	(C=M54352) WASHER, SPRING 6	(D=M54352)	2	2	2	2			Z
8	3	26116-060162	BOLT, M6X 16 PLATED		2	2	2	2			Z
10	(A=M54352) 1	(B=M54352) 172A47-18780	(C=M54352) PLATE, WASHER	(D=M54352)	1	1	1	1			
10-1	(A=M53103) 1	(B=M53103) 172A47-18781	(C=M53103) PLATE,WT	(D=M53103)	1	1	1	1			F 2
11	1	172A47-18810	COVER, WASHER		1	1	1	1			
12	1	22137-060000	WASHER, 6		4	4	4	4			
12-1	(A=M54352) 1	(B=M54352) 22137-060000	(C=M54352) WASHER, 6	(D=M54352)	2	2	2	2			K
13	1	26013-060102	BOLT, M6X 10		4	4	4	4			
13-1	(A=M54352) 1	(B=M54352) 26013-060102	(C=M54352) BOLT, M6X 10	(D=M54352)	2	2	2	2			K
14	1	26013-080202	BOLT, M8X 20		2	2	2	2			
15	(A=M54352) 1	(B=M54352) 120147-44810	(C=M54352) BRACKET	(D=M54352)	1	1	1	1			W
16	1	22137-060000	WASHER, 6		2	2	2	2			W
17	(A=M54352) 1	(B=M54352) 26013-060102	(C=M54352) BOLT, M6X 10	(D=M54352)	2	2	2	2			W
18	(A=M53103) 1	(B=M53103) 22137-080000	(C=M53103) WASHER, 8	(D=M53103)	2	2	2	2			W

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

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.53. CABIN(BODY)



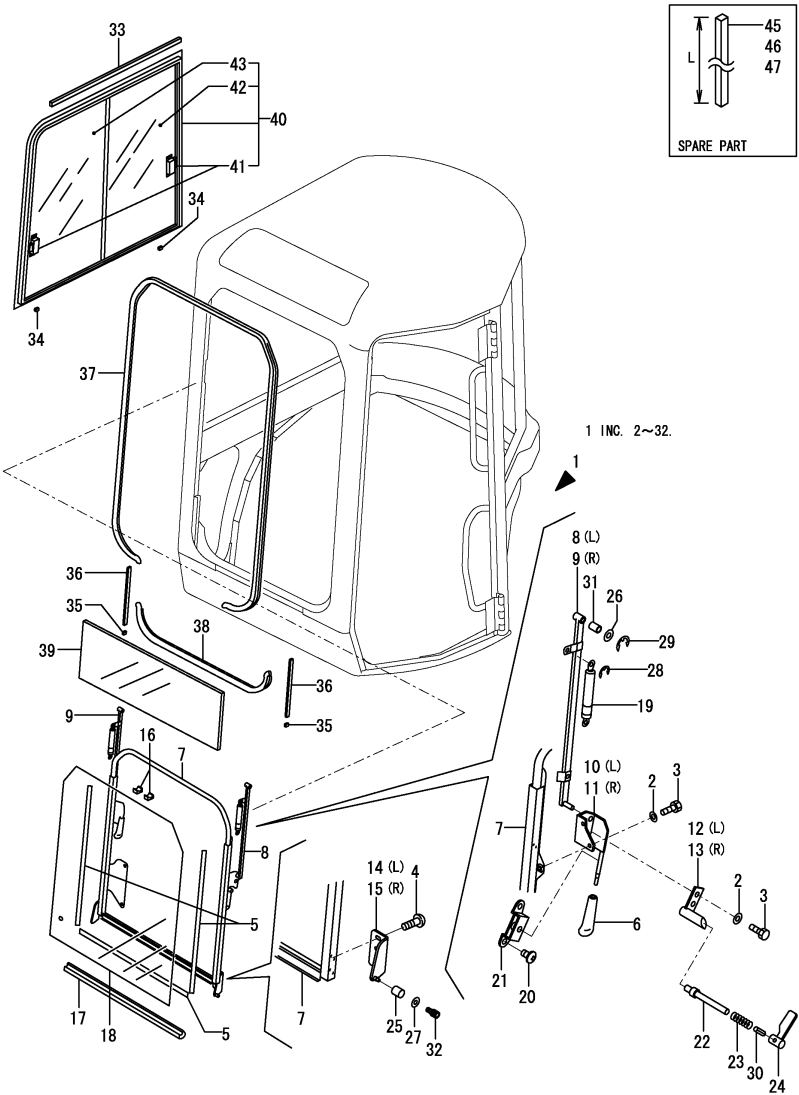
				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=				
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)	(E)	(F)
1	1	172312-17250	ASHTRAY	1	1	1	1		
2	1	172458-63580	SPACER	1	1	1	1		
3	1	172164-65710	RUBBER, SEAL	1	1	1	1		
4	1	172A47-67801	CABIN ASSY	1	1	1	1		1
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)					

(1) Please use this part with following label at the same time.
Ref.No.33A,33B,33C.
(2) Label is not illustrated.

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

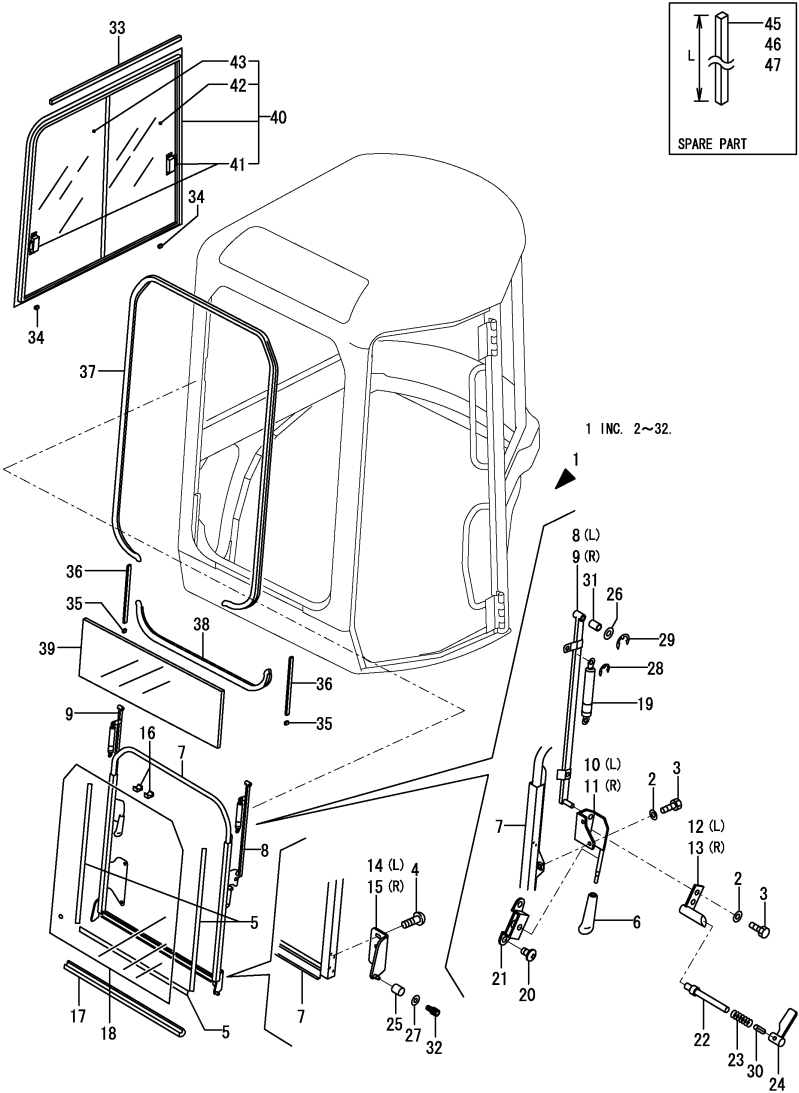
Remarks
* Cabin assy is shown in Fig.53.
(1)Spare parts.
L=Ref.No.45:1000mm, No.46:2000mm, No.47:3000mm.
(2)Please use this part with following label at the same time.
Ref.No.48A,48B,48C,48D.
(3)Label is not illustrated.

Fig.54. CABIN(GLASS)

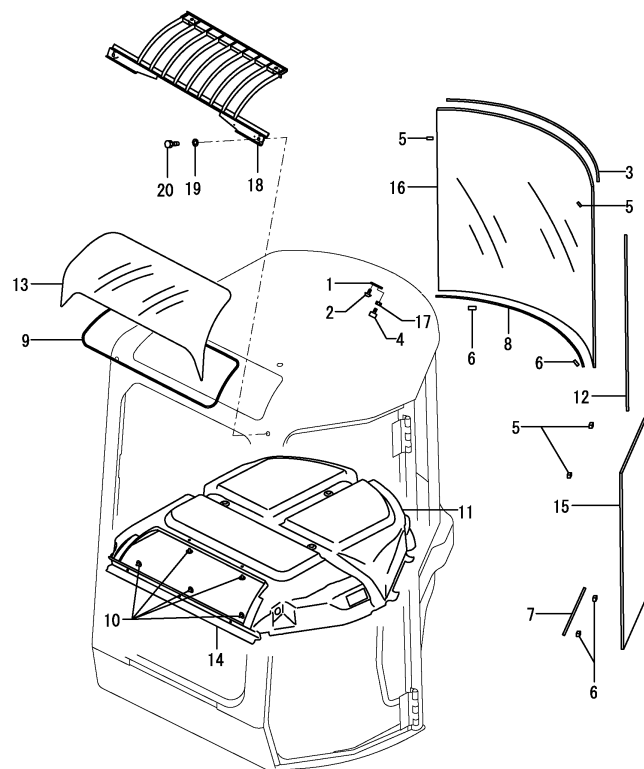
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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

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

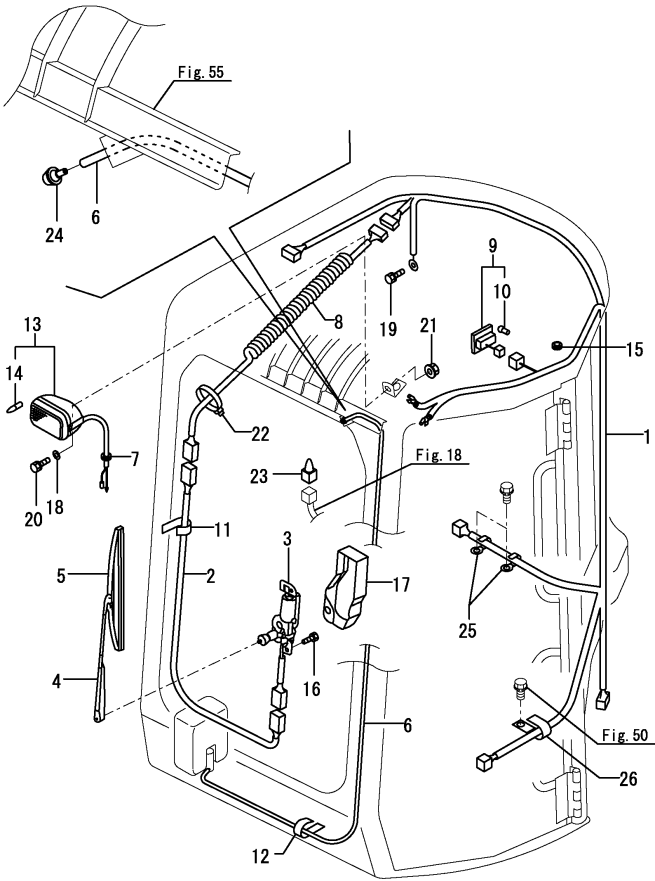


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-63700	PLATE ASSY	1	1	1	1				
2	2	172458-63730	SCREW	1	1	1	1				
3	2	172458-63770	TRIM	1	1	1	1				
4	2	172458-63800	RUBBER, STOPPER	1	1	1	1				
5	2	172458-63950	SPACER	4	4	4	4				
6	2	172458-63960	SPACER	4	4	4	4				
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 O US	1	1	1	1				3

(3) 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

Fig.56. CABIN(ELECTRIC PART)

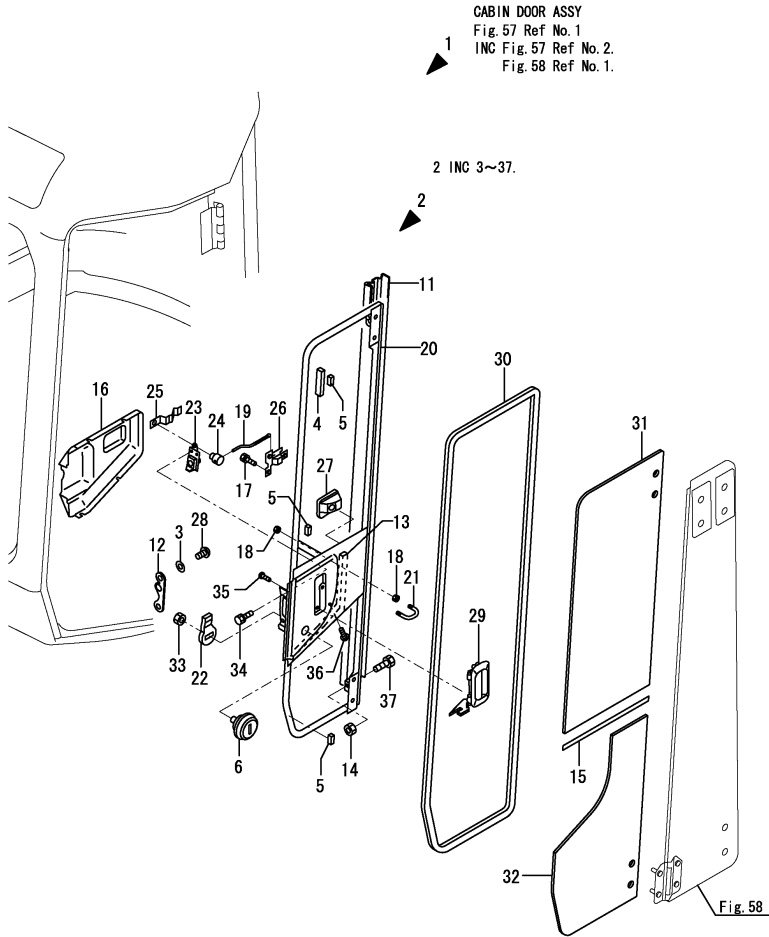


(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

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.

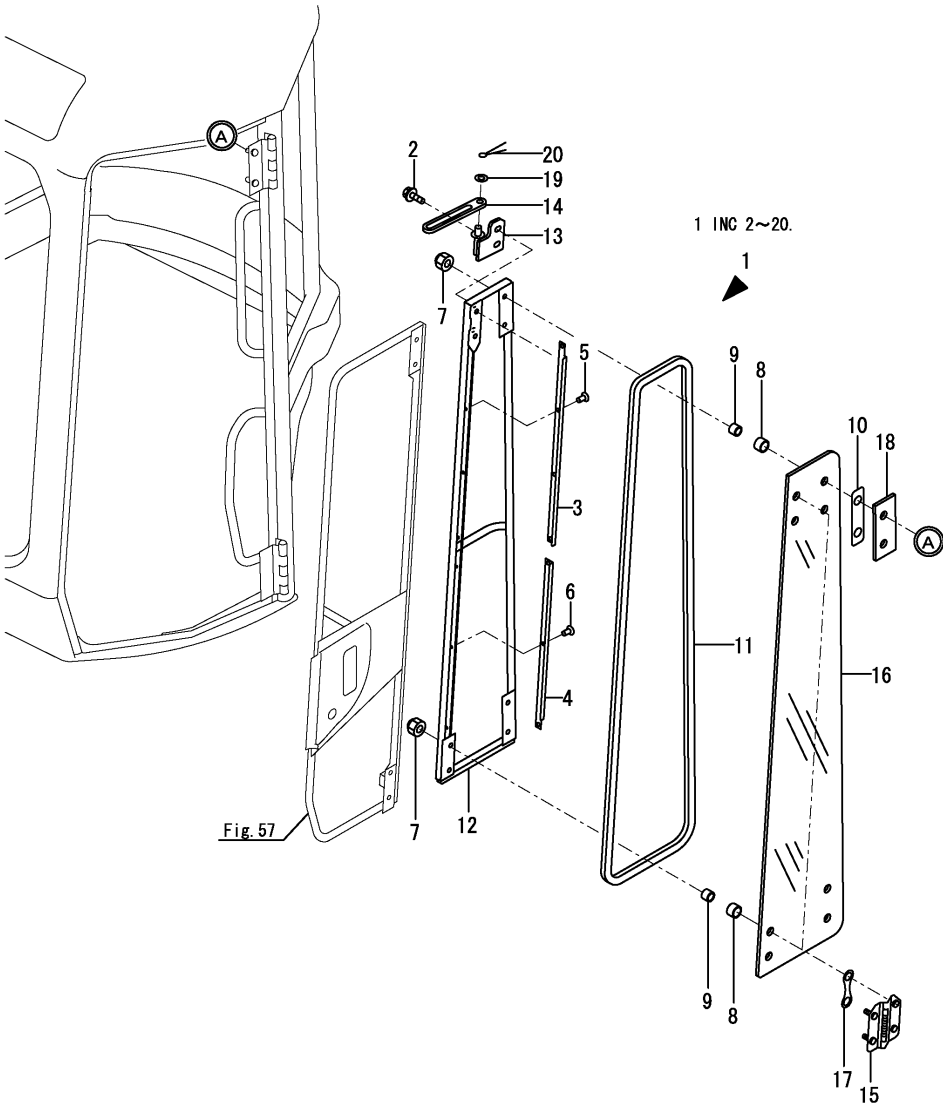
Fig.57. CABIN DOOR(FRONT)



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)=	
										Q'ty	
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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

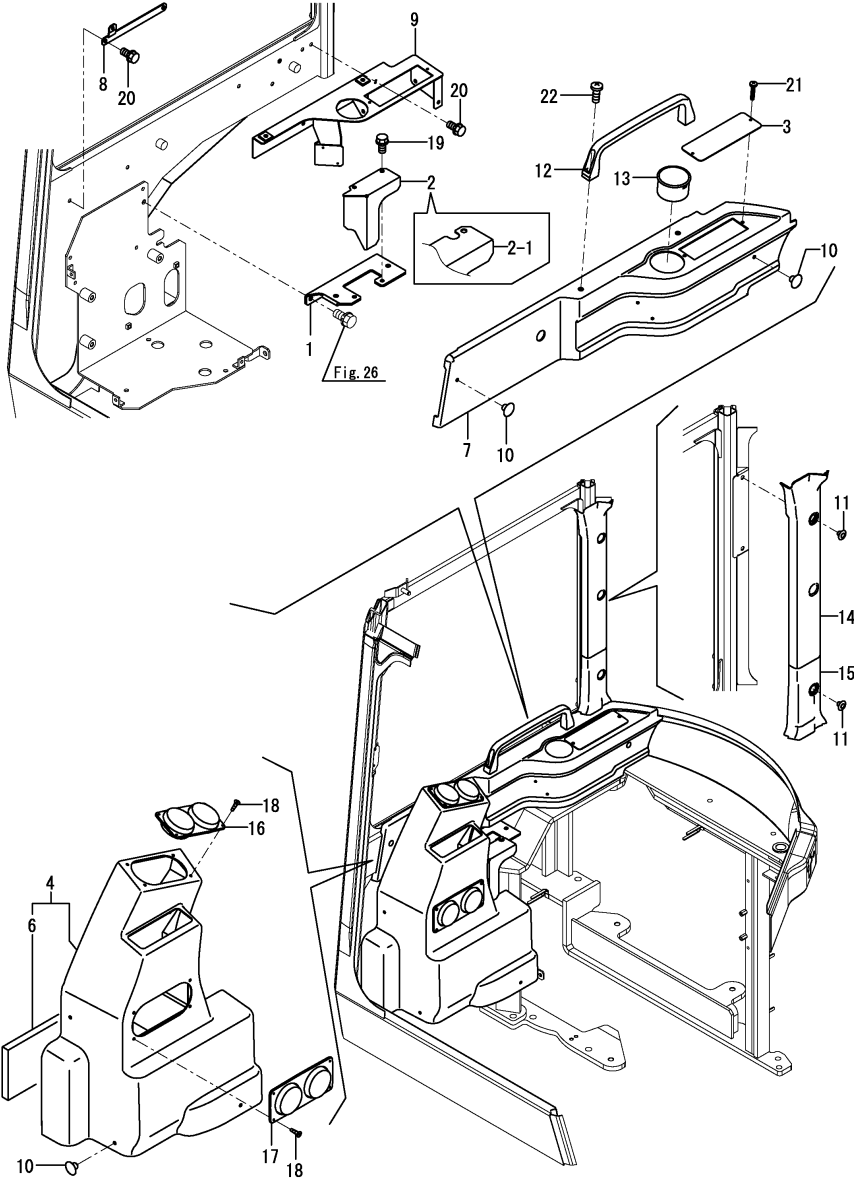
Fig.58. CABIN DOOR(REAR)



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

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				

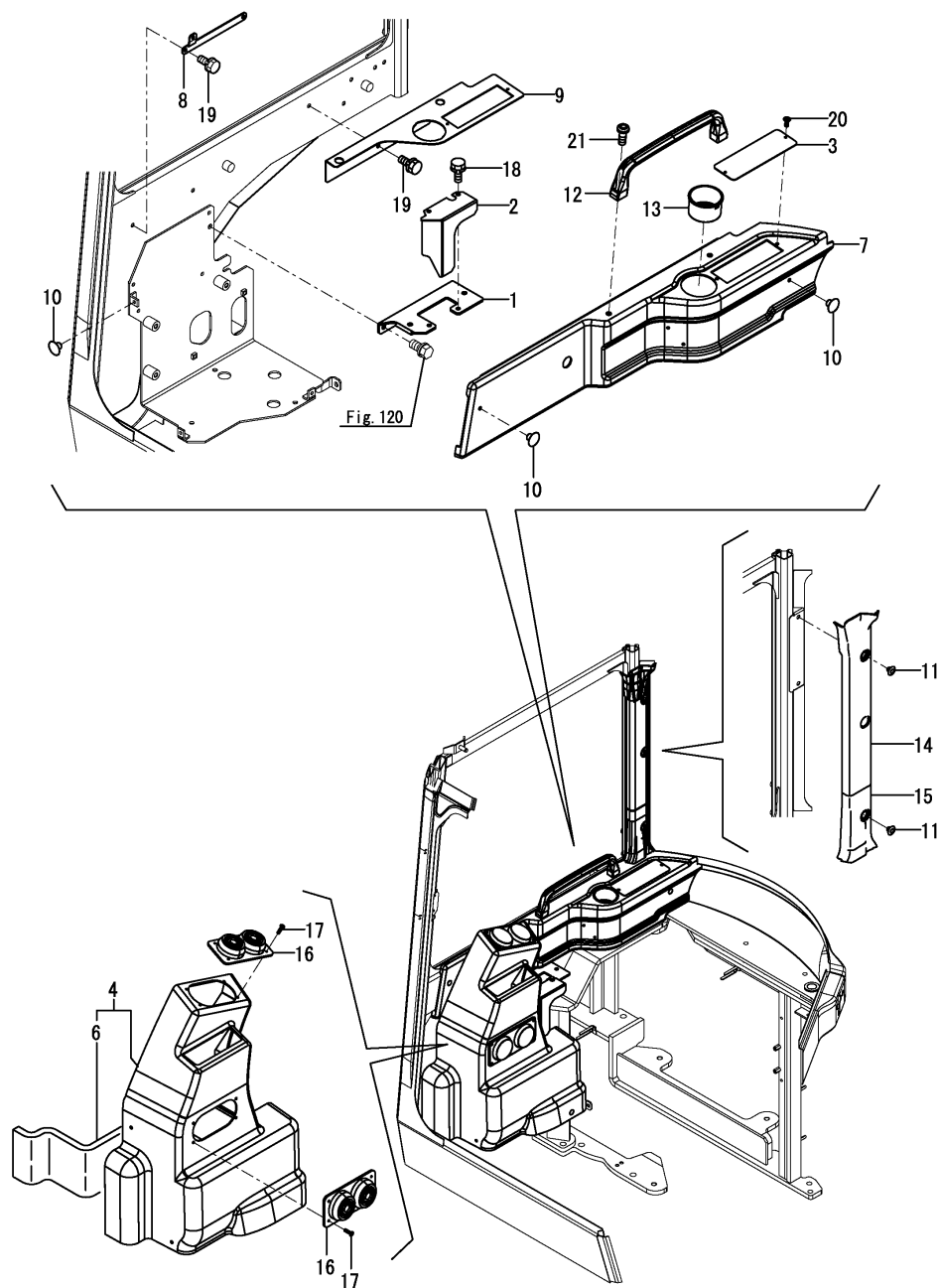
Fig.59. CABIN(COVER)(TO M53438)



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

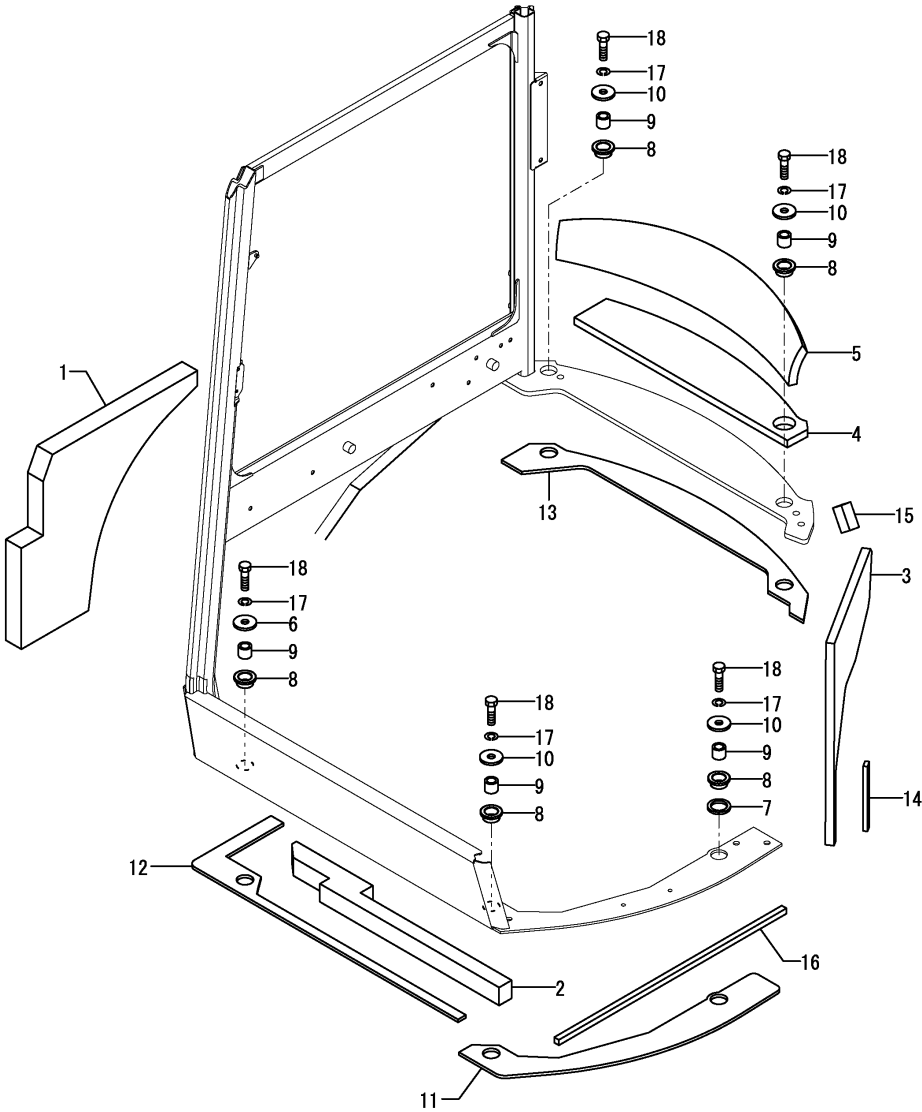
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)
(D)=VIO27-5B(SG)
(E)=
(F)=

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



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				

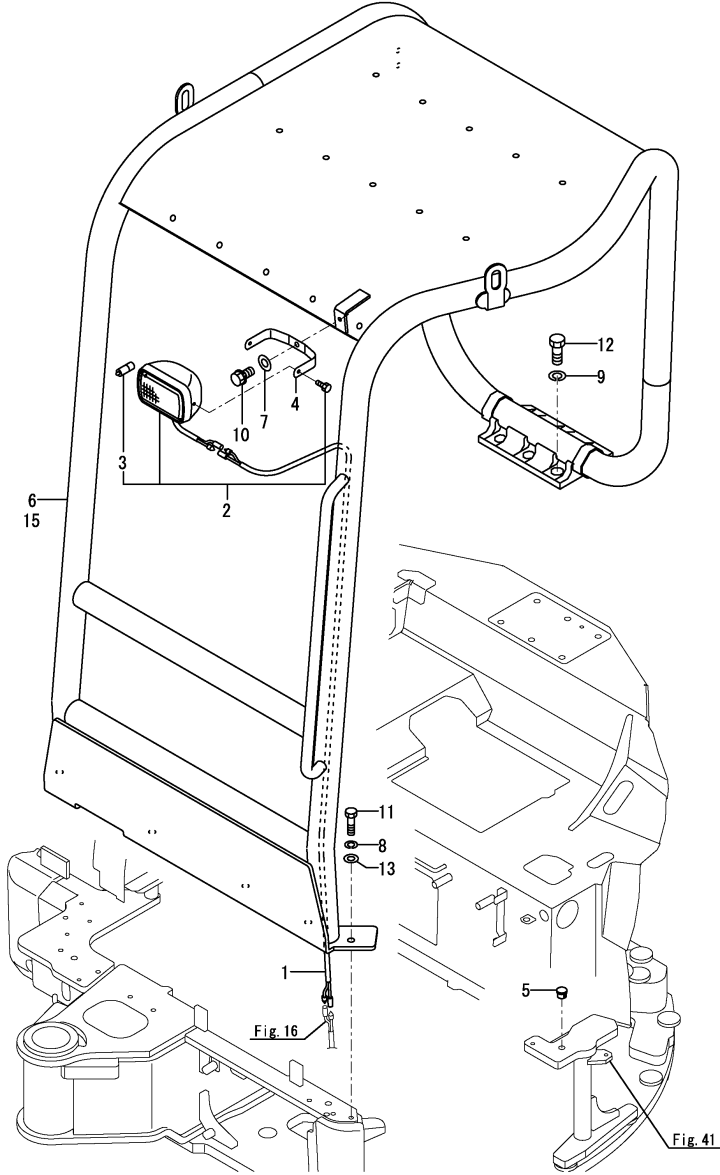
Fig. 25

AIR CONDITIONER SPEC.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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)=



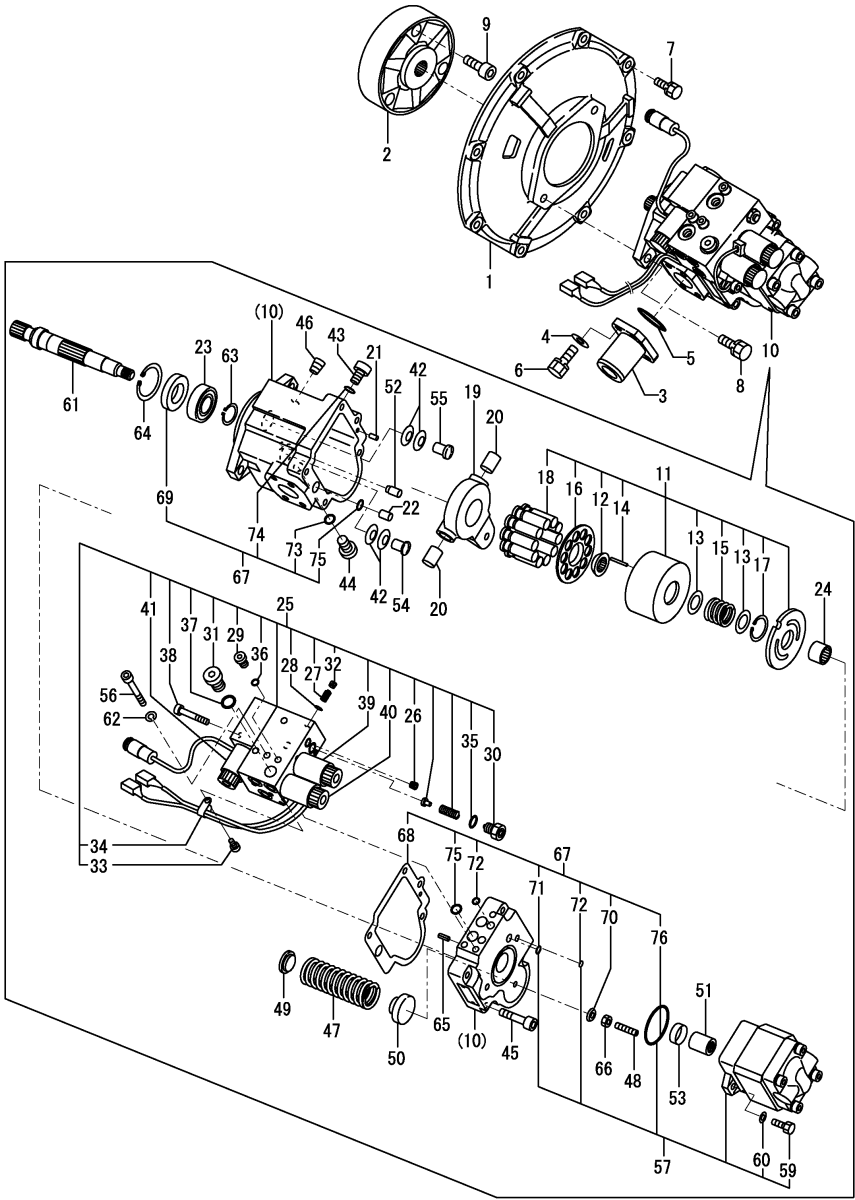
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172458-16562	HARNESS, LAMP	1	1	1	1				
2	1	172A47-17270	LIGHT ASSY	1	1	1	1				
3	2	172A47-17280	BULB	1	1	1	1				
4	1	172458-17410	STAY, LAMP	1	1	1	1				
5	1	172A47-54610	CLIP, ANCHOR	1	1	1	1				
6	1	172467-66300-1	CANOPY ASSY		1	1	1				1
6-1	1	172467-66301-1	CANOPY ASSY, ROPS		1	1	1			F	1
		(B=M53073) (C=M53073) (D=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)=

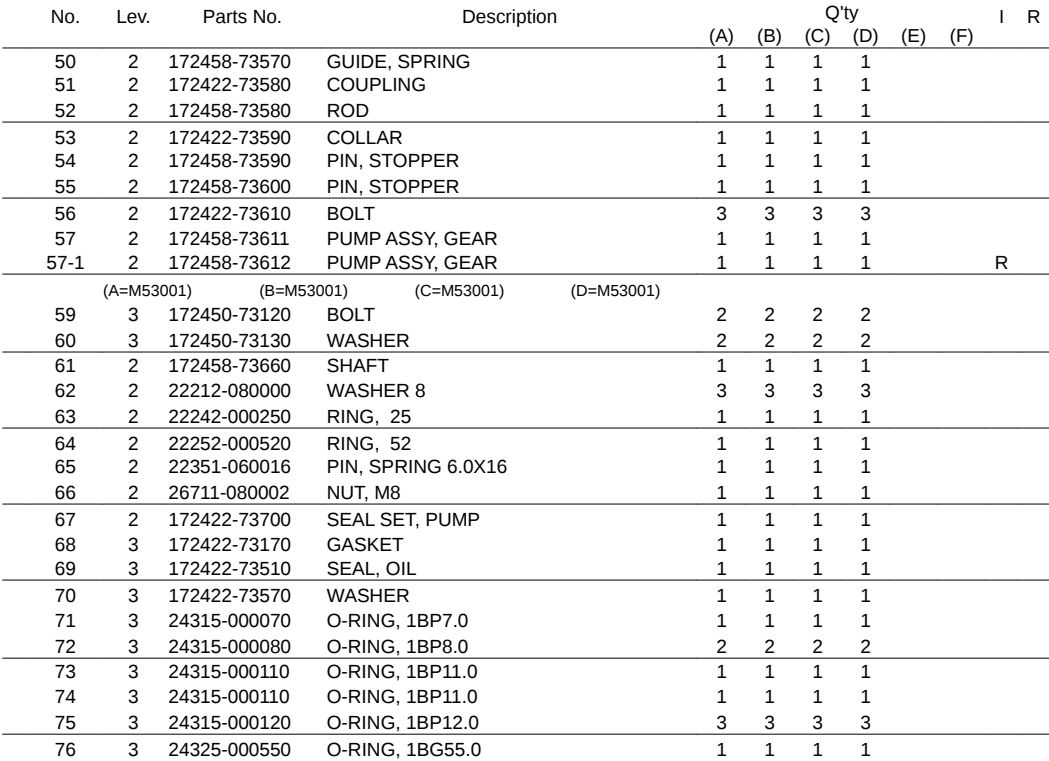


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172168-71101-4	COVER, FLYWHEEL	1	1	1	1				
2	1	172165-71200	COUPLING	1	1	1	1				
3	1	172422-76100	FLANGE	1	1	1	1				
4	1	22117-100000	WASHER, 10	4	4	4	4				
5	1	24321-000400	O-RING, 1AG40.0	1	1	1	1				
6	1	26013-100302	BOLT, 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)=



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

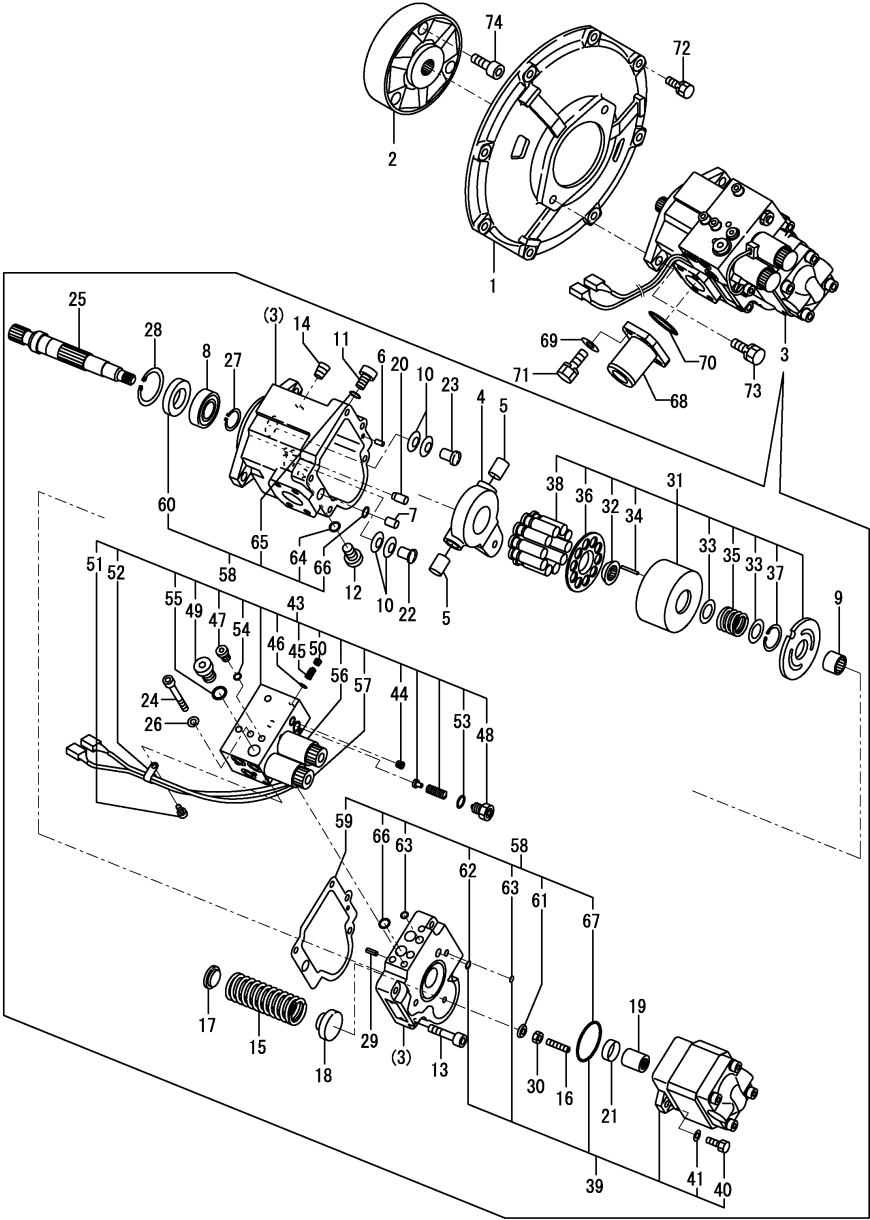
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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

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

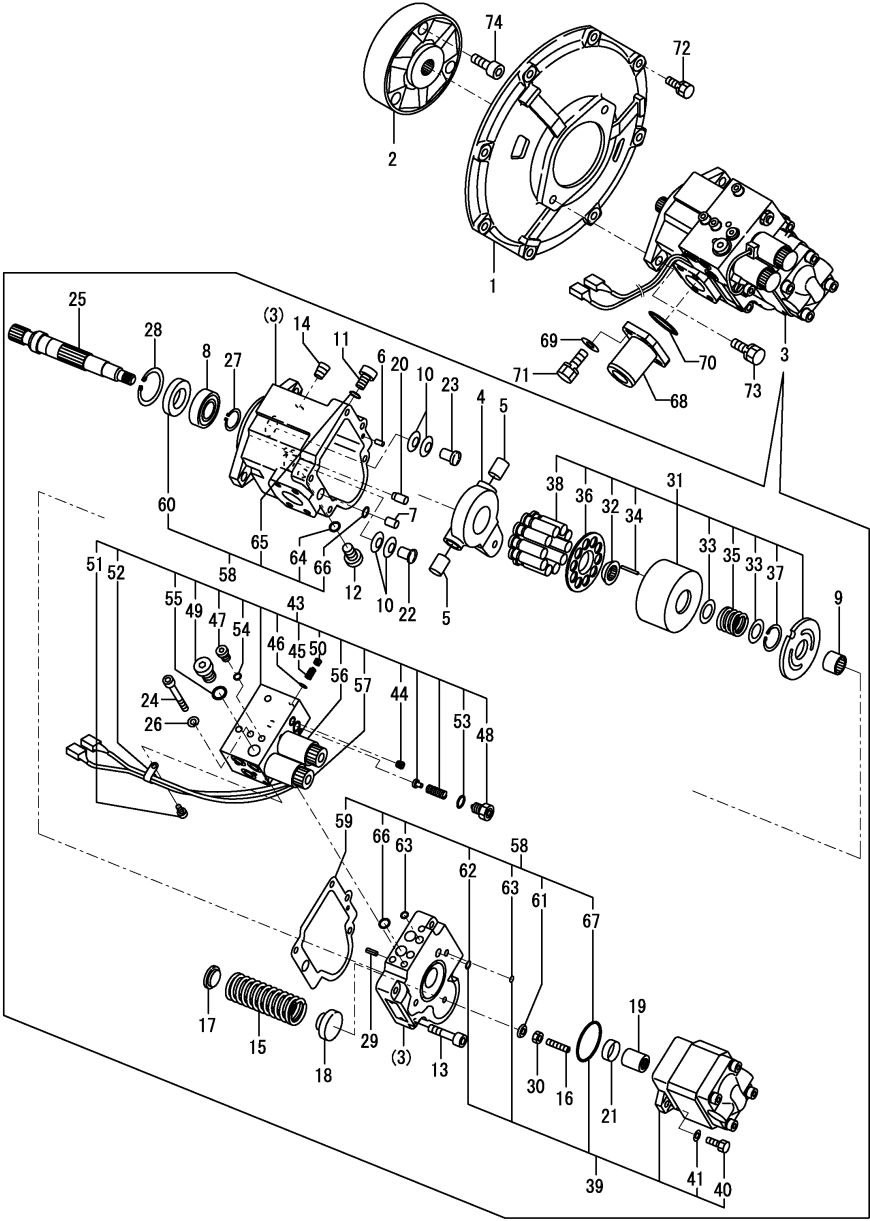
(D)=VIO27-5B(SG)
(E)=
(F)=



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
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.)



OCS10-M52701 Fig.118

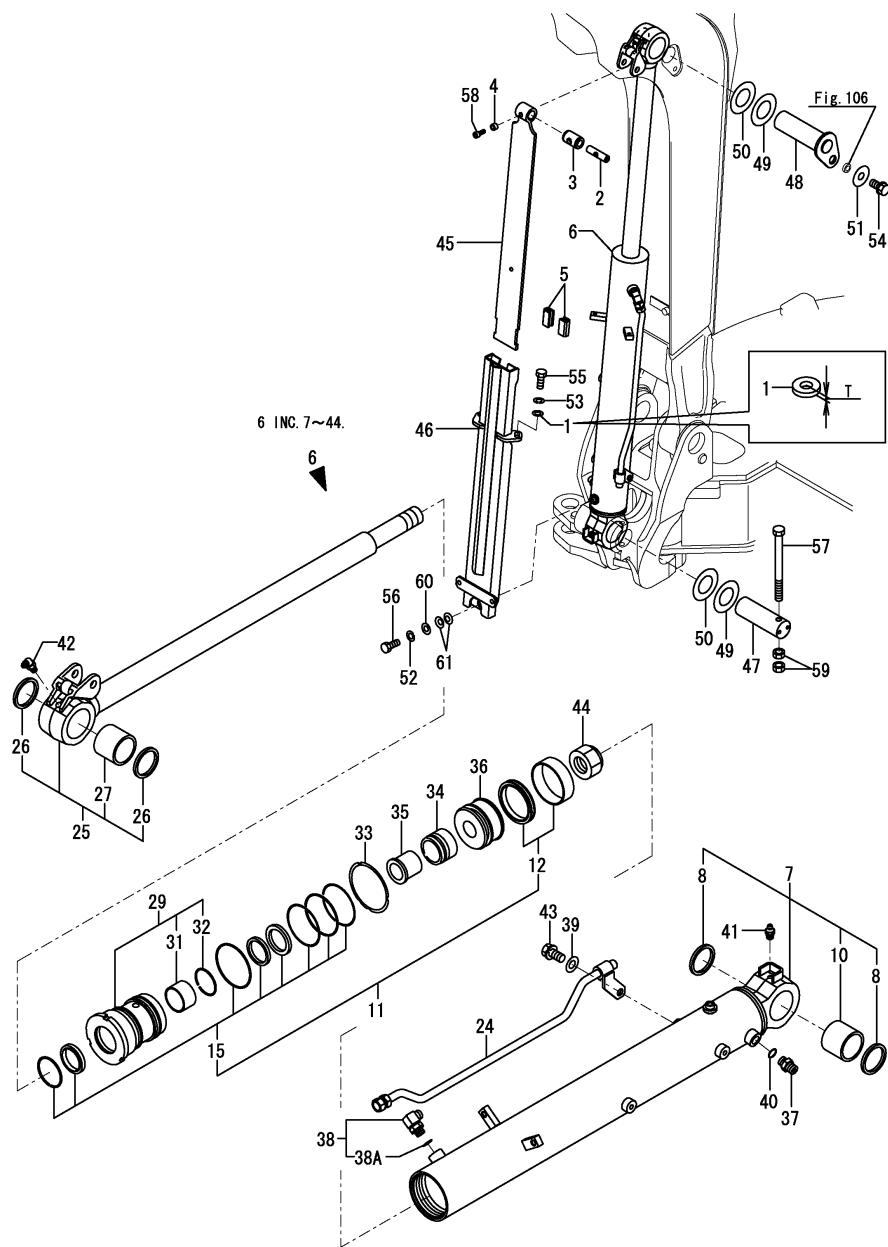
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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.

Fig.64. BOOM CYLINDER

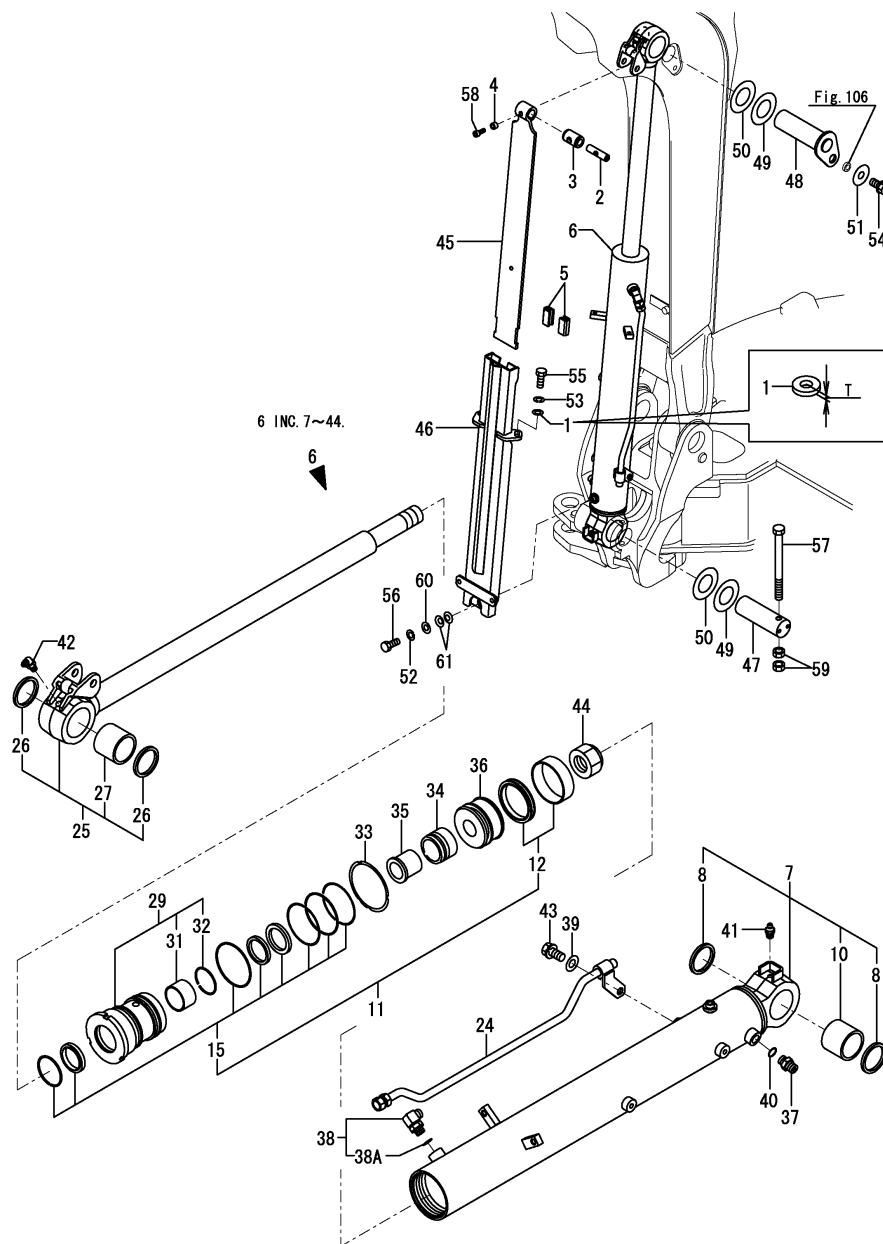


(1) T=Ref.No.1:2mm, No.1-1:4.5mm.

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

No.	Lev.	Parts No.		Description	Q'ty				I	R
					(A)	(B)	(C)	(D)		
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 $\xleftrightarrow[\text{No}]{\text{Yes}}$ 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
 ++ CONTINUE ++
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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				

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

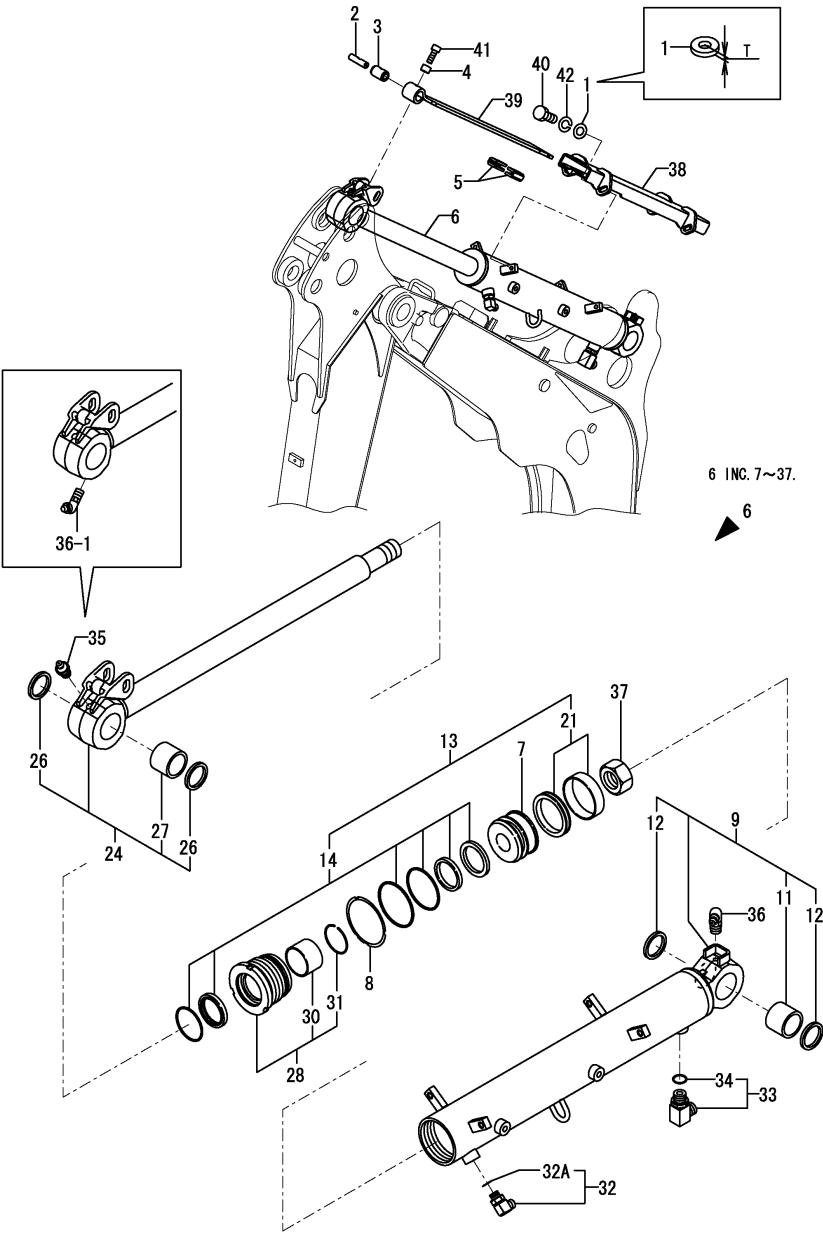
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

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Fig.65. ARM CYLINDER

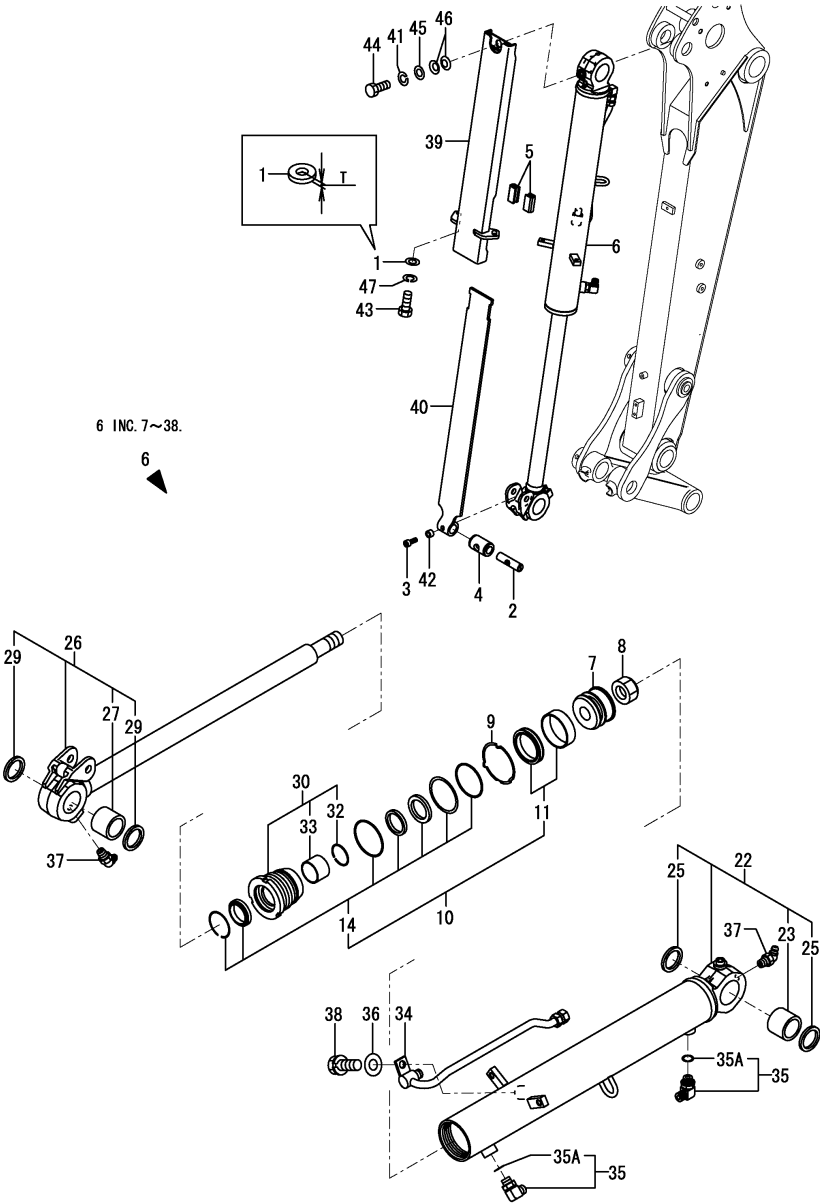
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



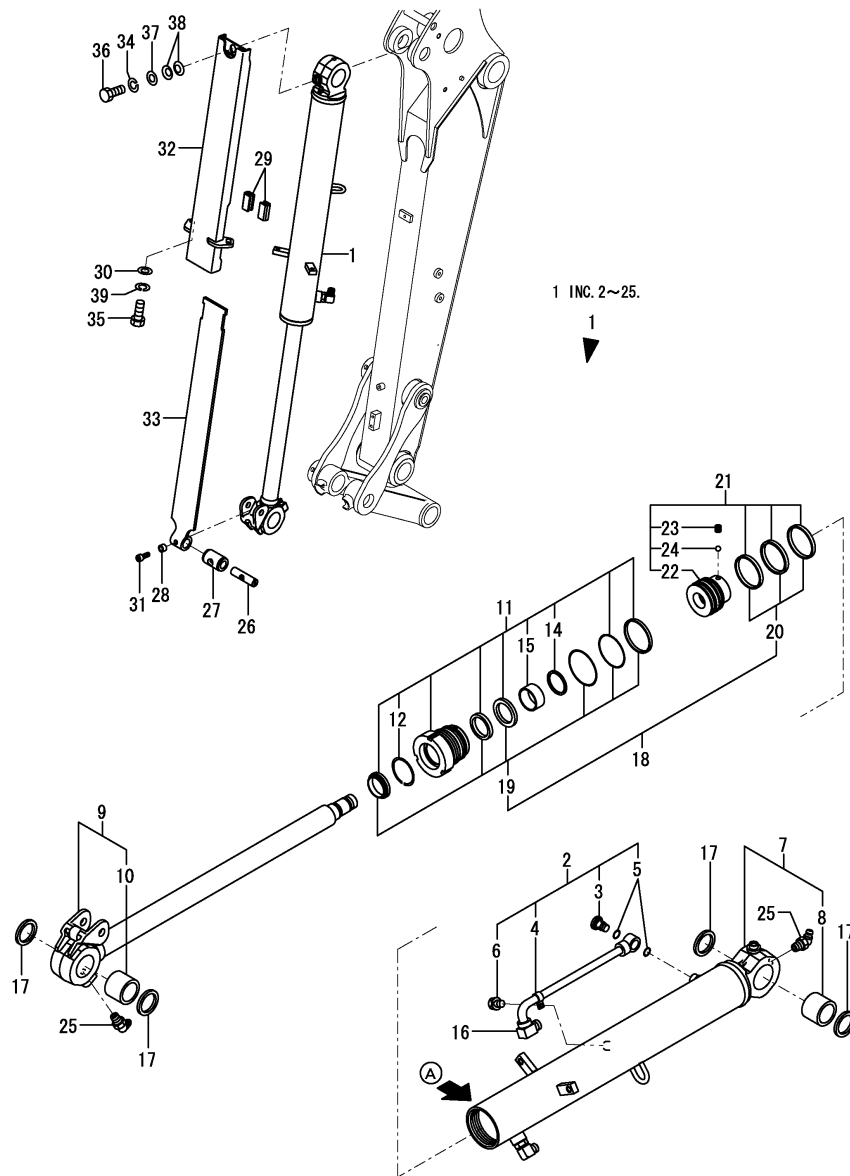
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172137-46042	SEAT, SPRING	4	4	4	4				
1-1	1	172A79-72570	WASHER	4	4	4	4			S	1
(A=M53085) (B=M53085) (C=M53085) (D=M53085)											
2	1	172A23-72043	SHAFT	1	1	1	1				
3	1	172A23-72052	GROMMET	1	1	1	1				
4	1	172A46-72070	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				

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)		
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.



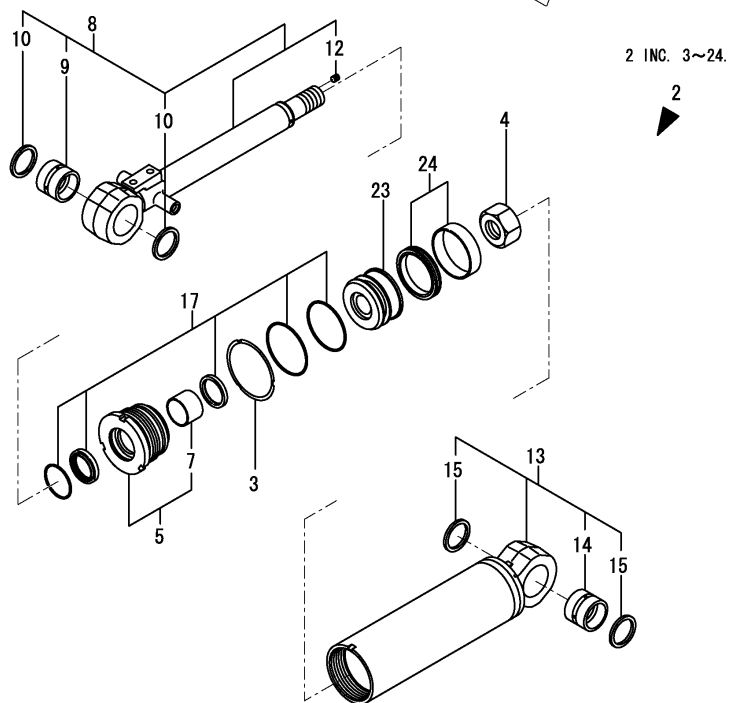
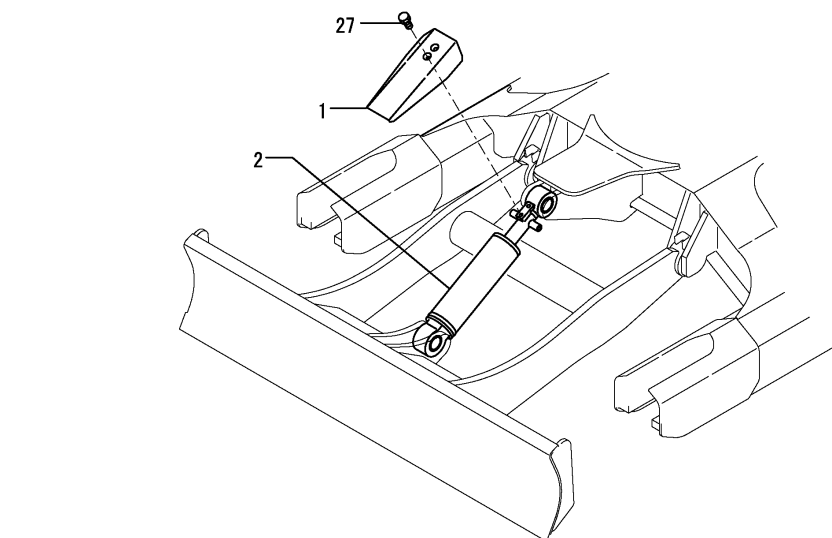
No.	Lev.	Parts No.	Description	Q'ty				I	R
				(A)	(B)	(C)	(D)		
1	1	172A86-70700-N	CYLINDER ASSY,BT	1	1	1	1		
2	2	172A23-70600	PLUG ASSY	1	1	1	1		
3	3	172A23-70610	PLUG	1	1	1	1		
4	3	172A23-70620	HOLDER, PIPE	1	1	1	1		
5	3	24315-350220	O-RING, 1BP22A	2	2	2	2		
6	3	26013-080162	BOLT, M8X 16	1	1	1	1		
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		

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

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

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

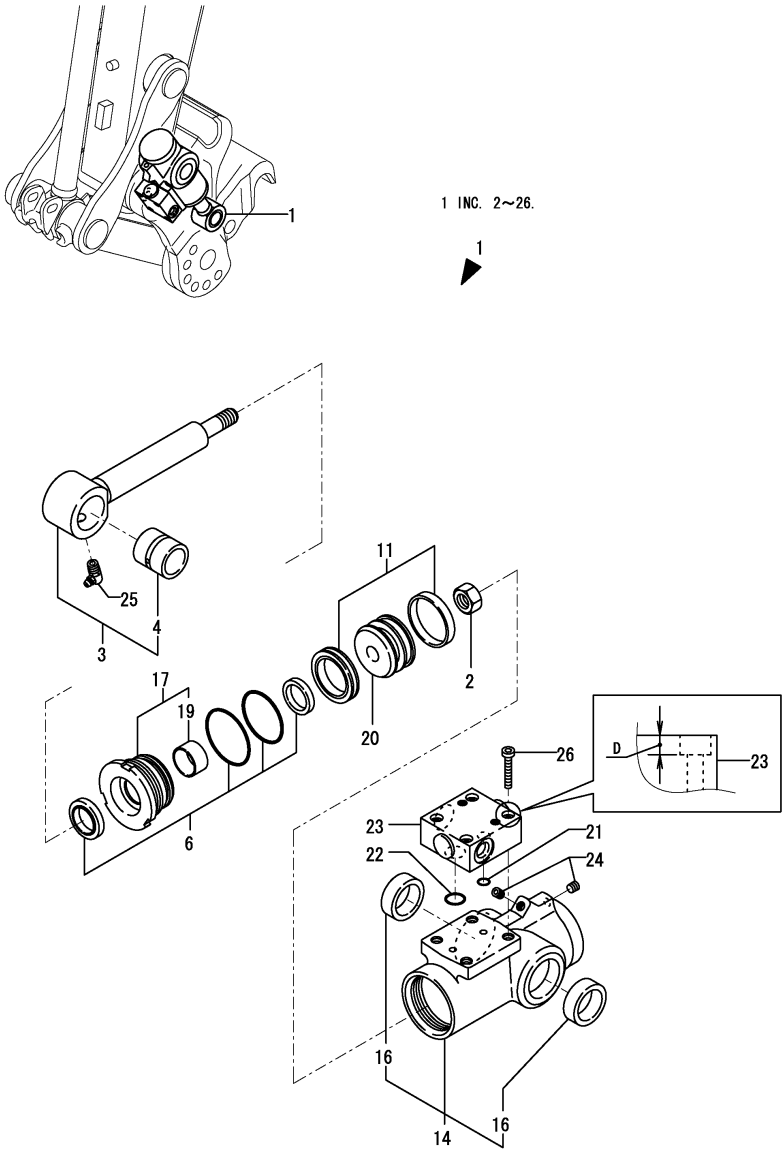


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172422-72791-2	COVER, BLADE	1	1	1	1				
2	1	172457-72900-2	CYLINDER, BLADE	1	1	1	1				
3	2	172141-72190	WASHER, LOCK	1	1	1	1				
4	2	172175-72550	NUT	1	1	1	1				
5	2	172141-72690	HEAD 75 40 W/BUSH	1	1	1	1				
7	3	24550-040300	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)

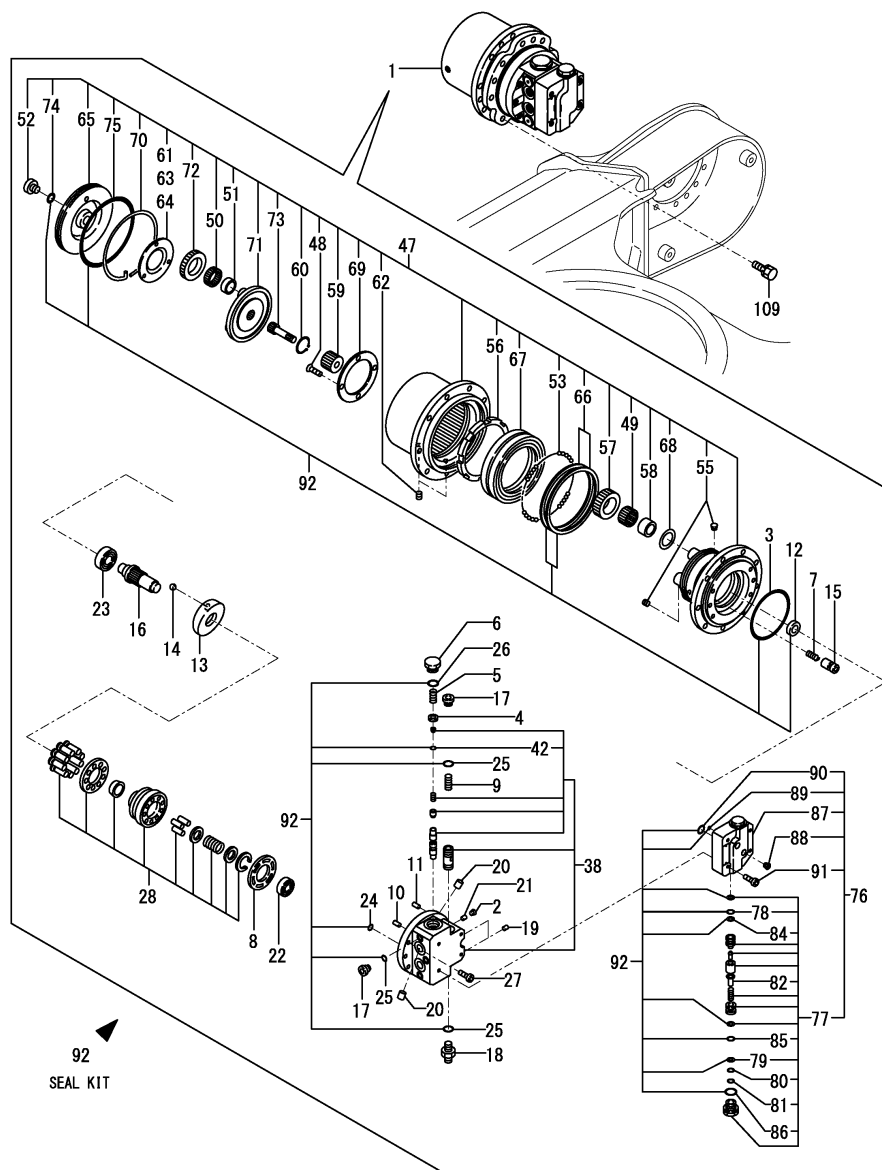
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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.

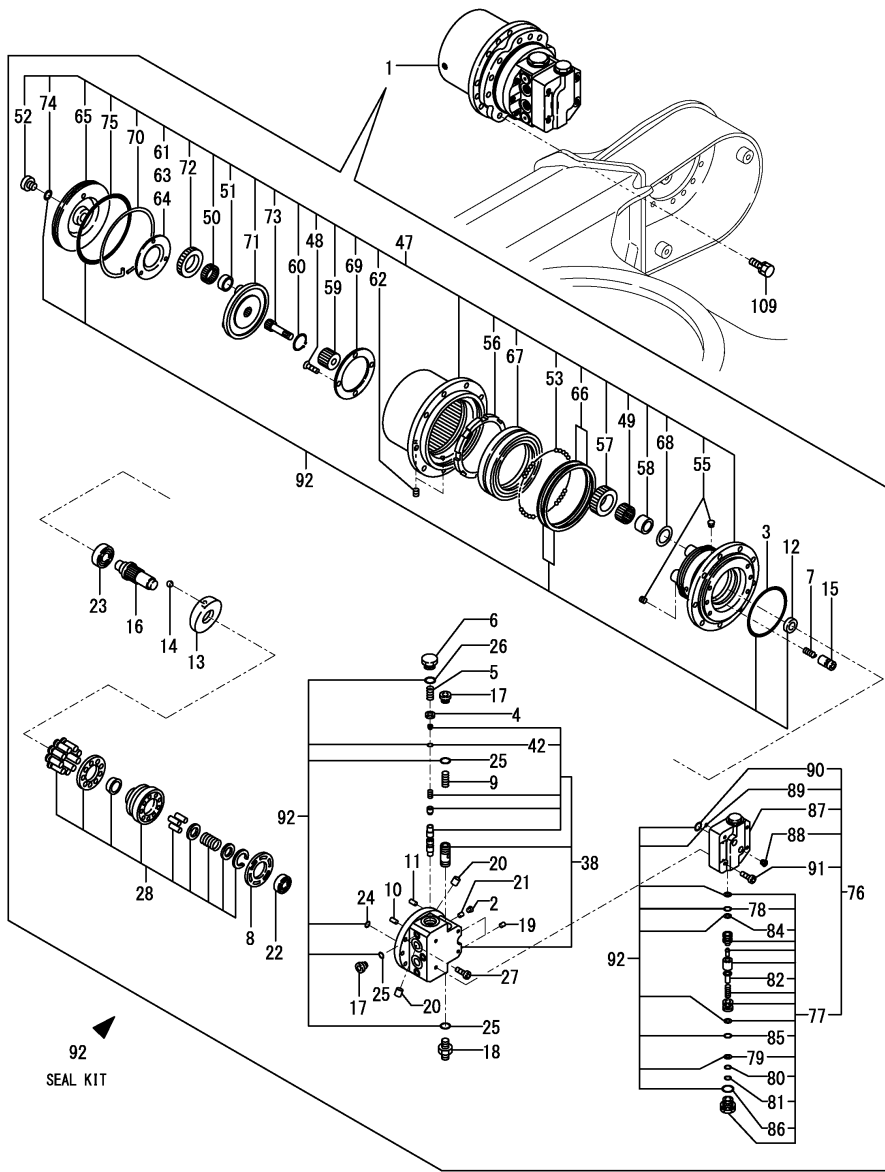


				(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)	(D)=VIO27-5B(SG) (E)= (F)=						
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172457-73701	MOTOR ASSY, TRAVEL	2	2	2	2				
2	2	172147-70220	PLUG	4	4	4	4				
3	2	172141-70370	O-RING	2	2	2	2				
4	2	172141-70450	SEAT, SPRING	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				

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

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.70. TRAVEL MOTOR



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

OCS10-M52701 Fig.70										
(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)	
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			

Fig.71. 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	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				

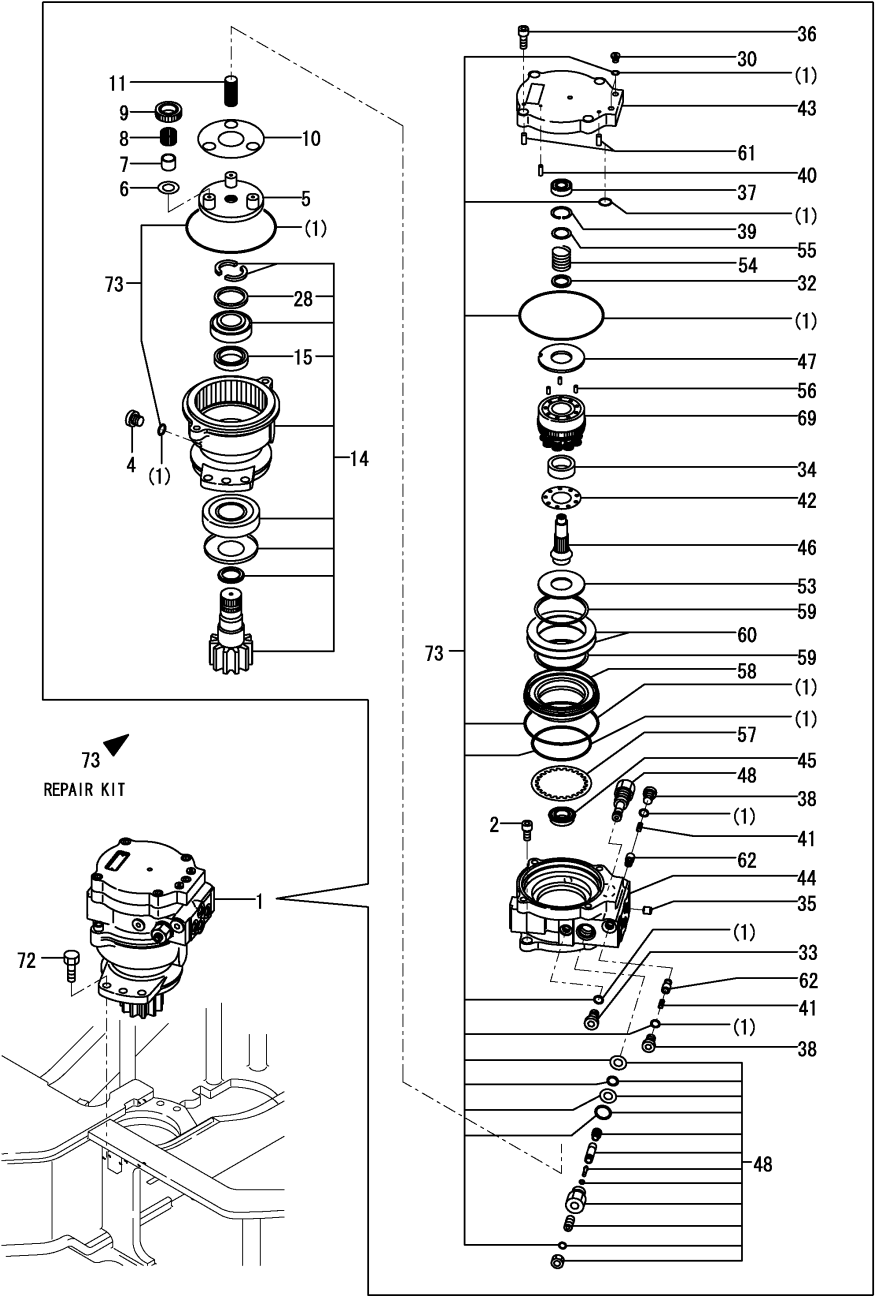
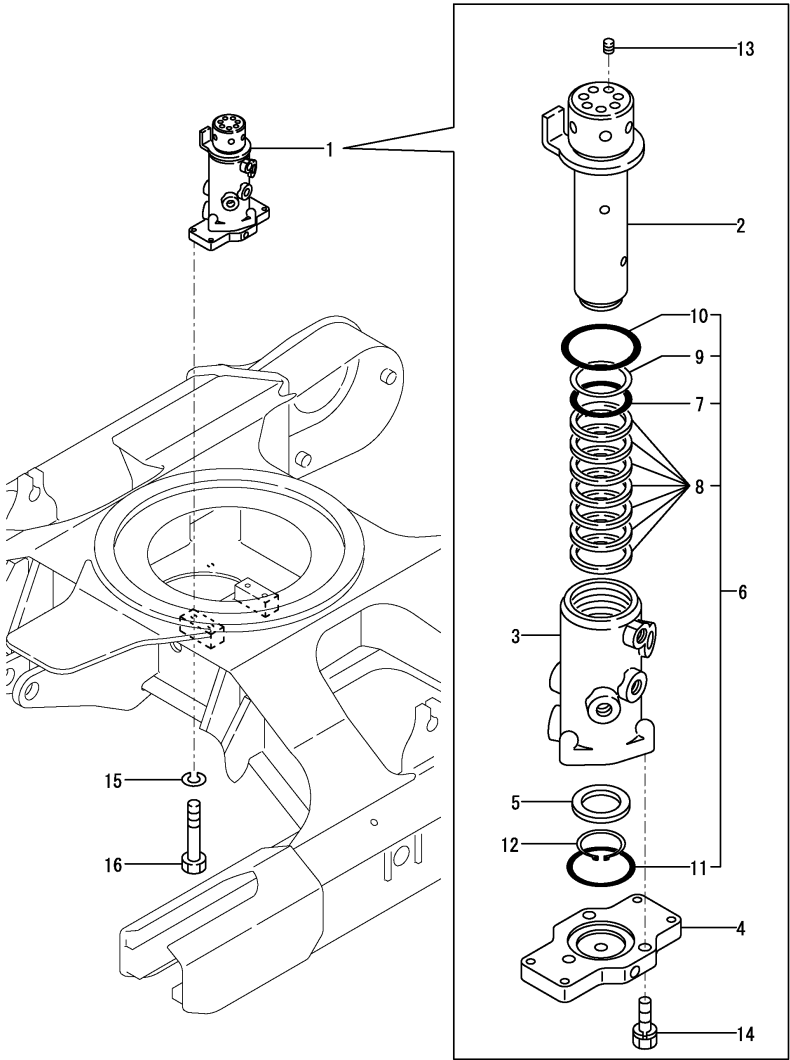


Fig.72. SWIVEL JOINT(Y SPEC.)(TO M54434)

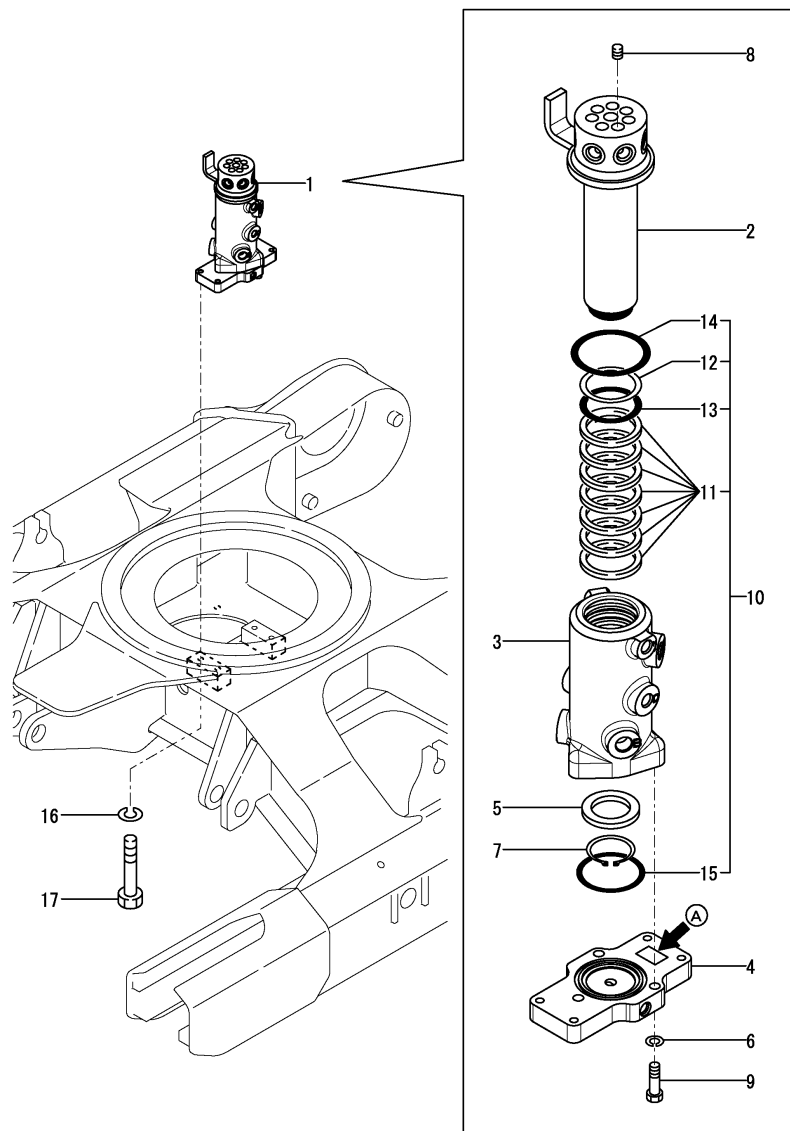
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172444-73803	JOINT ASSY, SWIVEL (A=M54435) (B=M54435) (C=M54435) (D=M54435)	1	1	1	1			Z	1
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				

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



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				

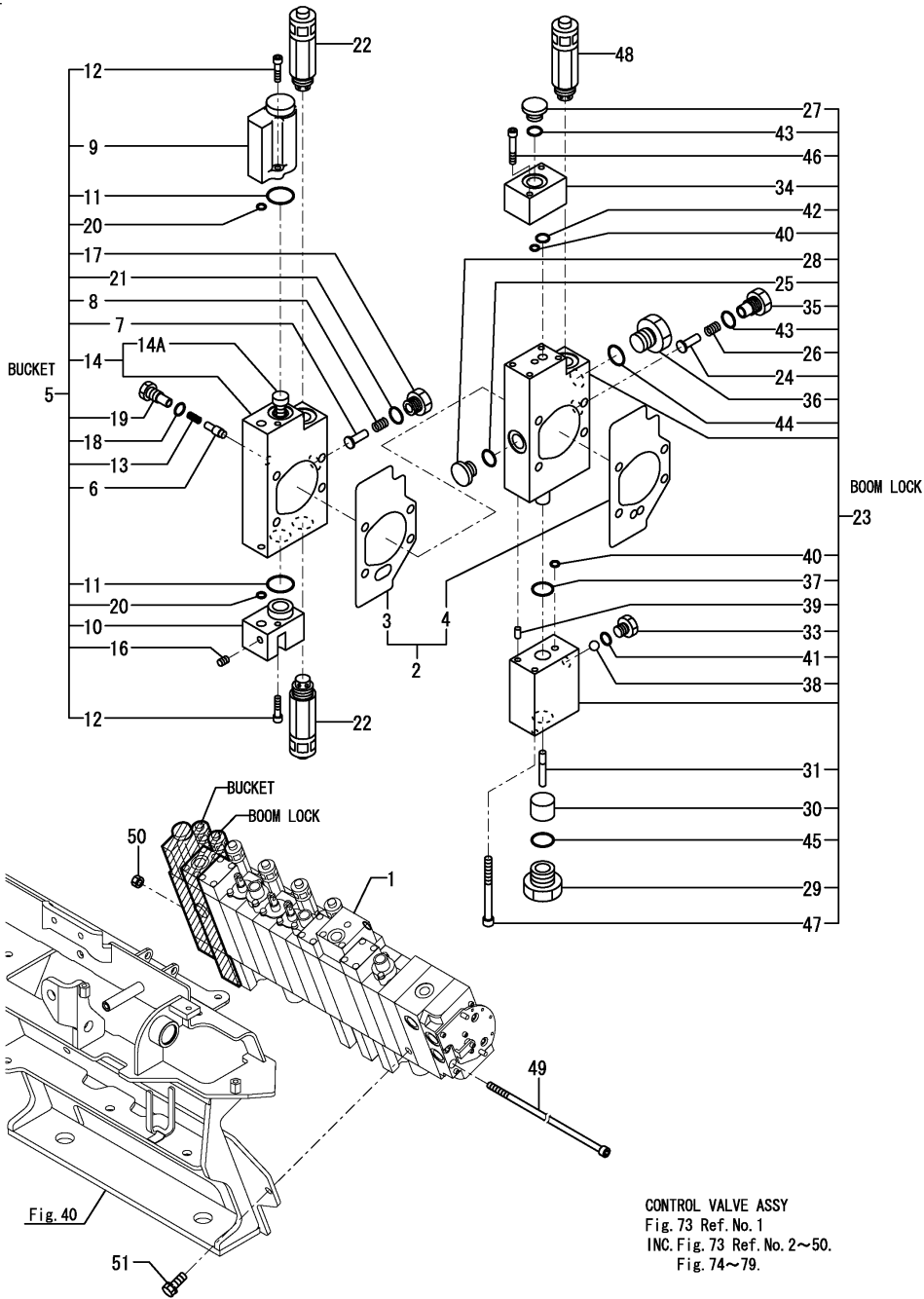
(1)A:'NACHI' Label.

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

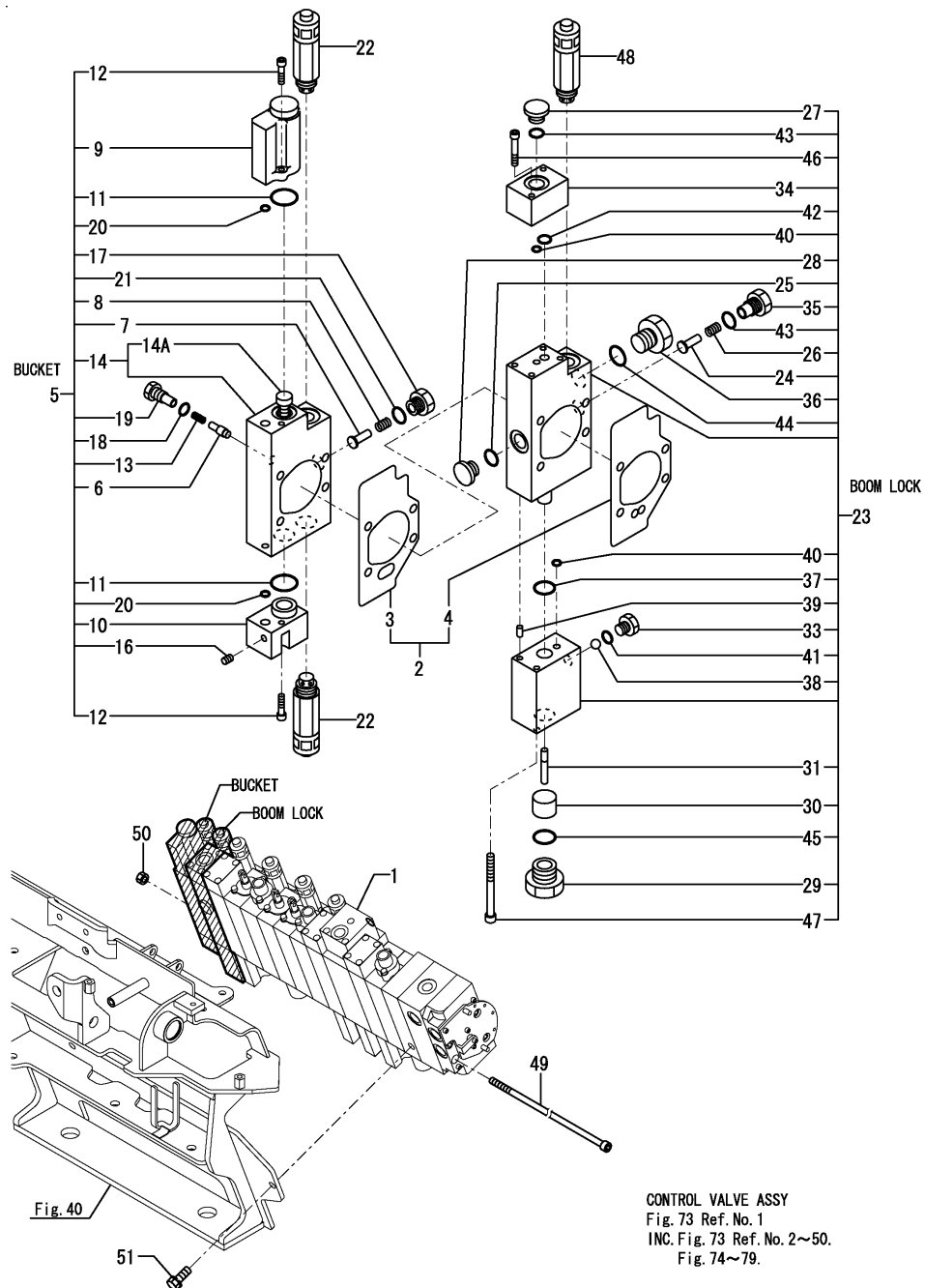
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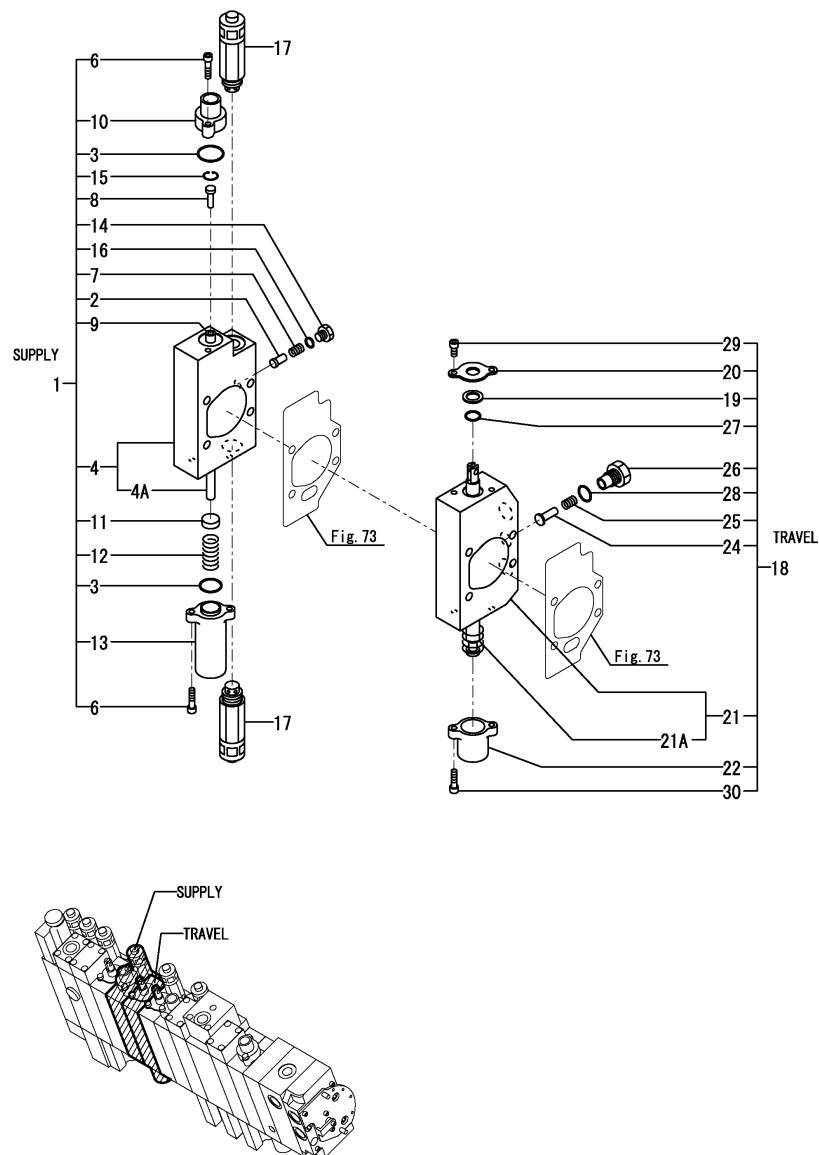
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	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				

[illegible]



No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A46-74410	VALVE				1				
2	3	172499-70180	VALVE ASSY, REVERSE				1				
3	3	172458-74230	O-RING				2				
4	3	172A46-74260	INLET SECTION SUB				1				
4A	4	172A46-74250	SPOOL ASSY, INLET				1				
6	3	172458-74260	BOLT				4				
7	3	172173-74280	SPRING				1				
8	3	172A47-74360	FILTER				1				
9	3	172A47-74370	PISTON				1				
10	3	172A47-74380	COVER, PILOT				1				
11	3	172458-74530	SEAT, SPRING				1				
12	3	172458-74540	SPRING, RETURN				1				
13	3	172458-74550	COVER, PILOT				1				
14	3	172458-74670	PLUG				1				
15	3	172A47-74980	CIRCLIP				1				
16	3	24315-000080	O-RING, 1BP8.0				1				
17	2	172458-74680	VALVE, RELIEF				2				
17-1	2	172A85-74680	RELIEF 210/30				2				N
(D=M53318)											
18	2	172A44-74160	SECTION, TRAVEL				1				
18-1	2	172A44-74161	SECTION, TRAVEL				1				N
(D=M53318)											
19	3	172458-74130	WIPER, DUST				1				
20	3	172458-74140	RETAINER, SEAL				1				
21	3	172A44-74260	SECTION ASSY, TRAVEL				1				
21A	4	172A44-74150	SPOOL ASSY, TRAVEL				1				
22	3	172458-74170	CAP, SPRING				1				
22-1	3	172A78-74170	CAP, SPRING				1				N
(D=M53318)											
24	3	172458-74290	VALVE, REVERSE				1				
25	3	172458-74360	SPRING, VALVE				1				
26	3	172458-74640	STAY, VALVE				1				
27	3	24311-000120	O-RING, 1AP12.0				1				
28	3	24315-000110	O-RING, 1BP11.0				1				
28-1	3	41851-000110	O-RING				1				N
(D=M53092)											
29	3	26450-050102	BOLT, M5X 10				2				
30	3	26450-050182	BOLT, M5X 18				2				

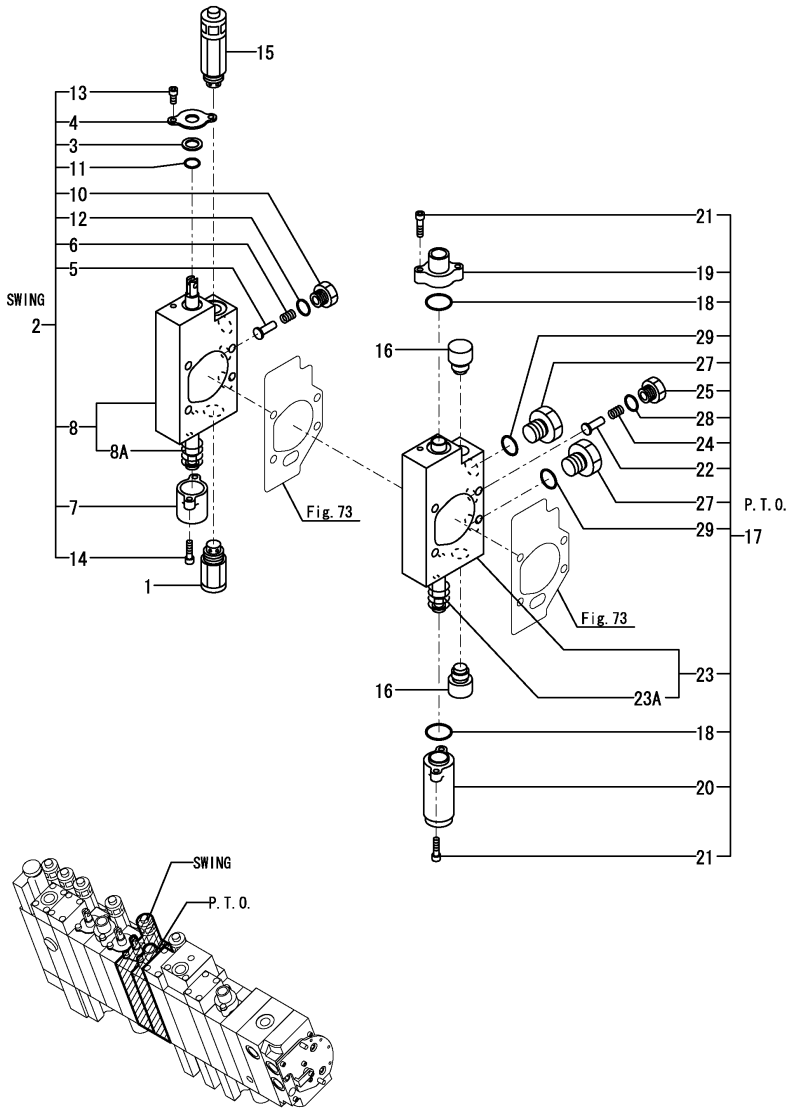
* Control valve assy is shown in Fig.73.

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

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

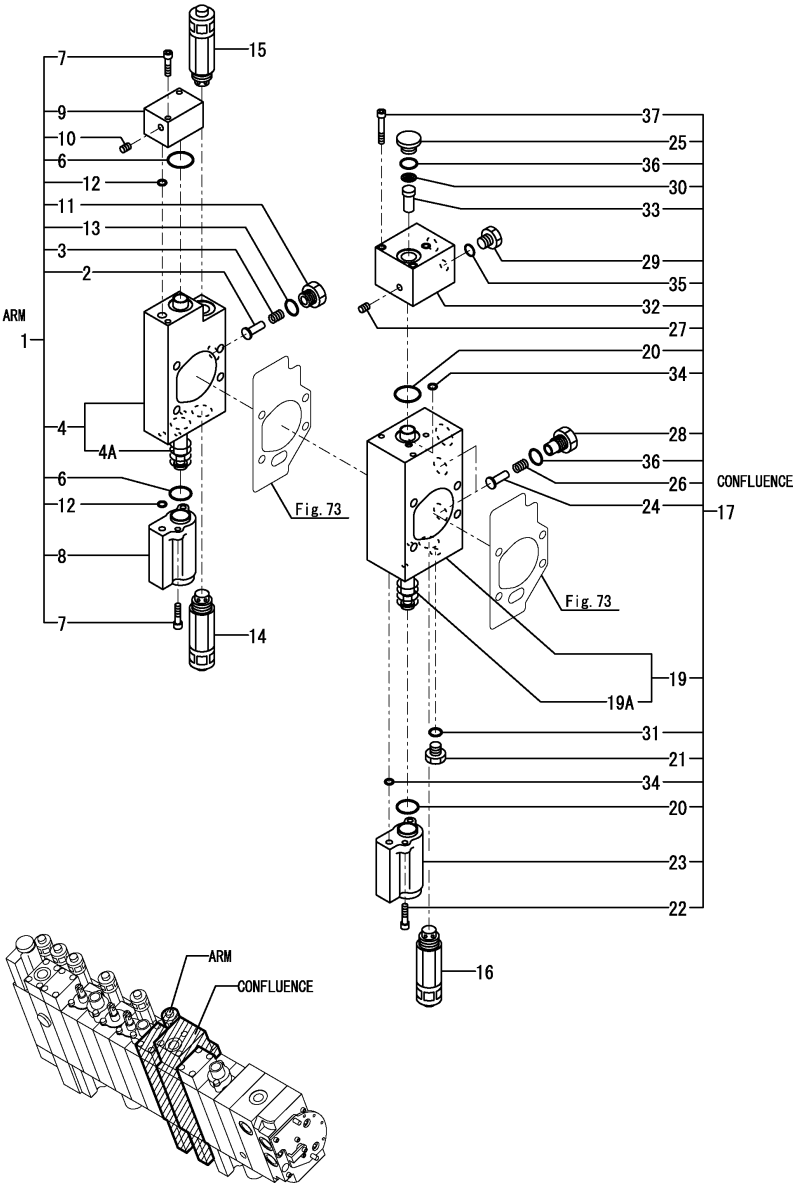


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172447-74230	ANTI-CAVITATION				1				
2	2	172A46-74430	SECTION, SWING				1				
2-1	2	172A46-74431	SECTION, SWING				1			N	
(D=M53318)											
3	3	172458-74130	WIPER, DUST				1				
4	3	172458-74140	RETAINER, SEAL				1				
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.

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

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

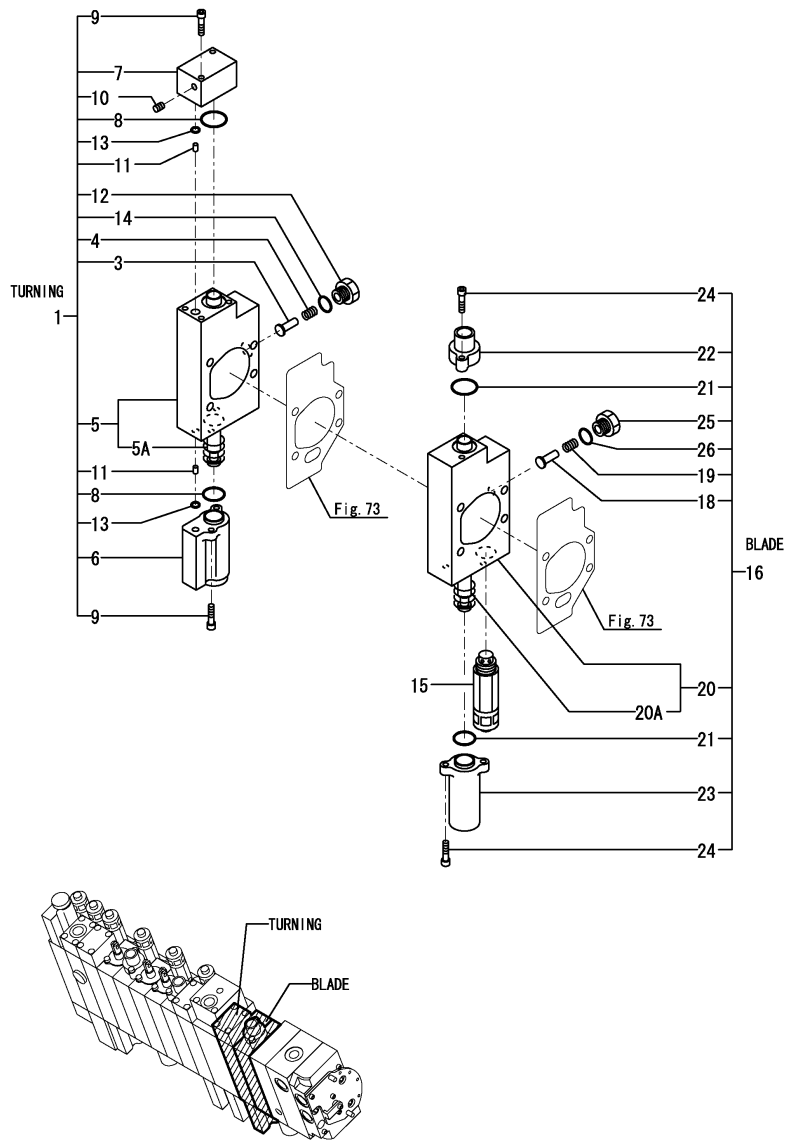


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74171	SECTION, ARM				1				
2	3	172458-74150	VALVE, REVERSE				1				
3	3	172458-74160	SPRING, VALVE				1				
4	3	172A44-74250	SECTION, ARM				1				
4A	4	172A44-74181	SPOOL ASSY, ARM				1				
6	3	172458-74230	O-RING				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				

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

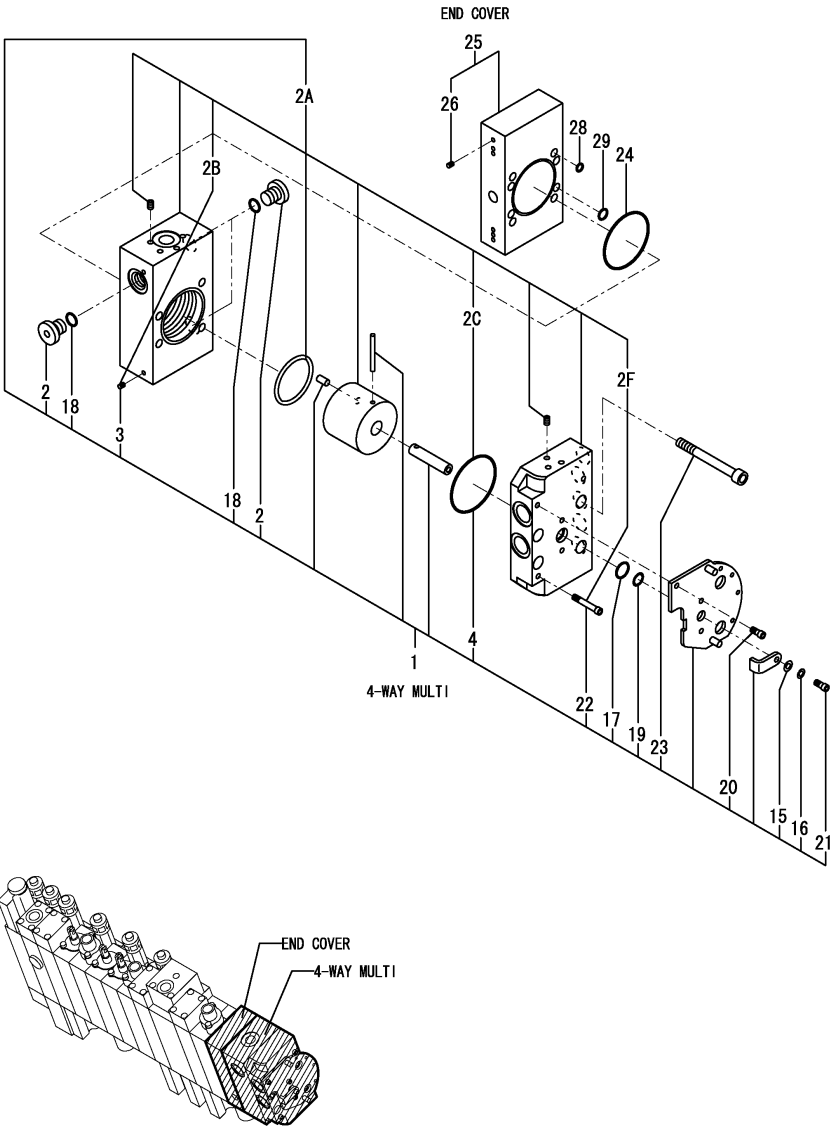
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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.



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

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

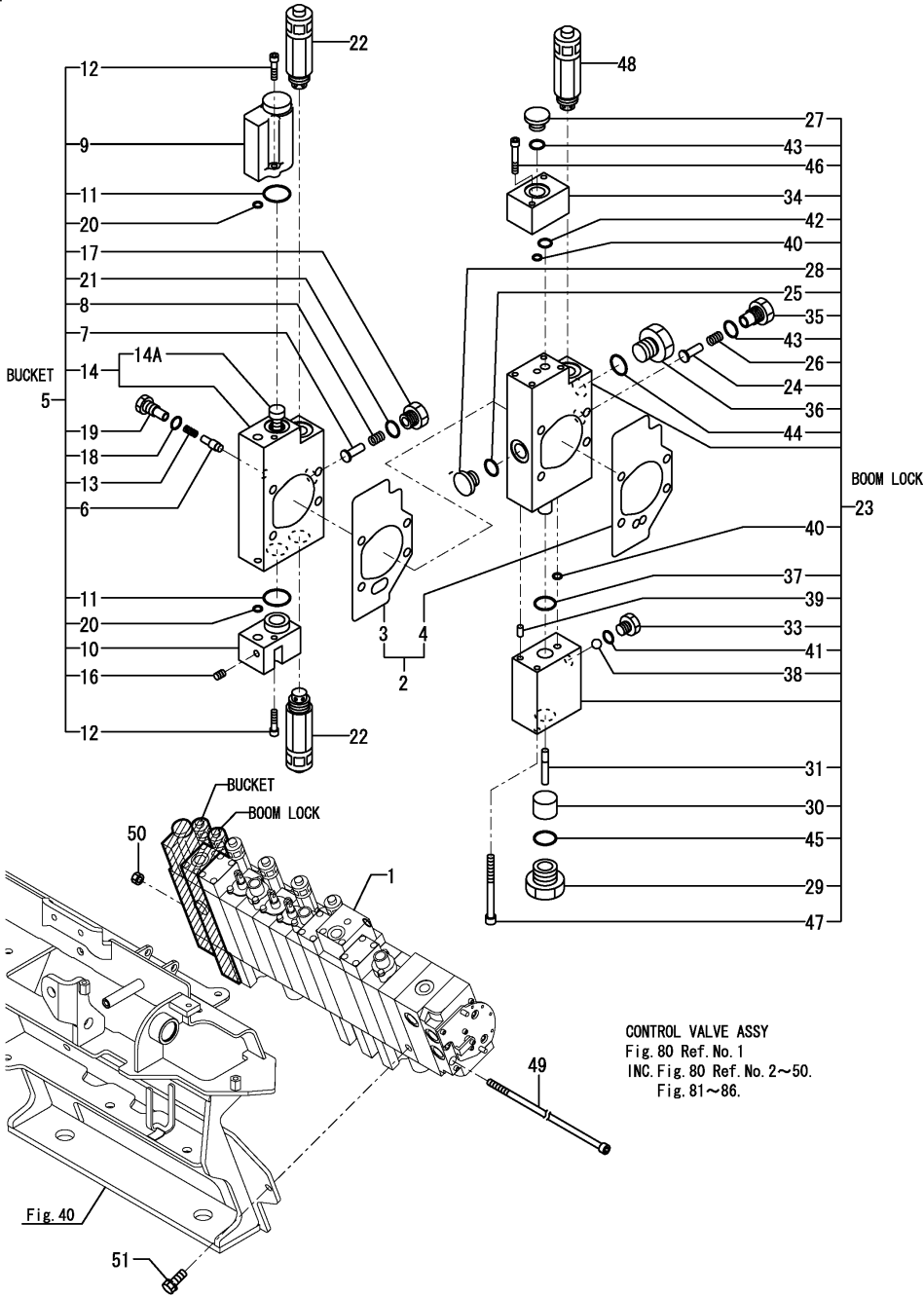
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A47-74200	VALVE				1				
2	3	172183-74350	PLUG				3				
2A	3	172A47-75900	BODY 4WAY KIT				1				W
			(D=M53318)								
2B	4	172458-74460	PLUG				2				
2C	4	172A47-75420	O-RING				1				
2F	4	26450-050302	BOLT, M5X 30				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				

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

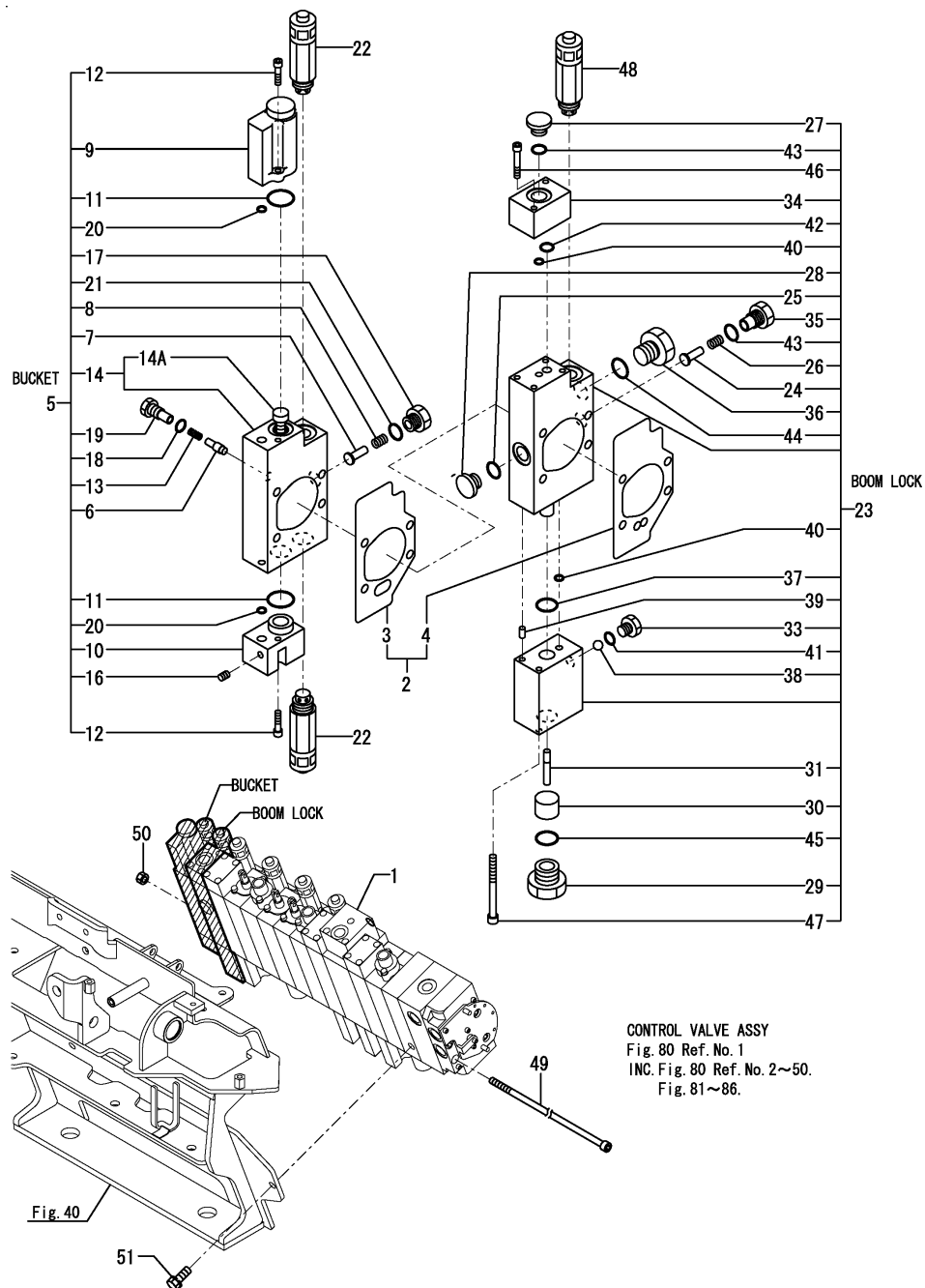
Fig.80. CONTROL VALVE(US,AS,NZ:1/7)

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

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

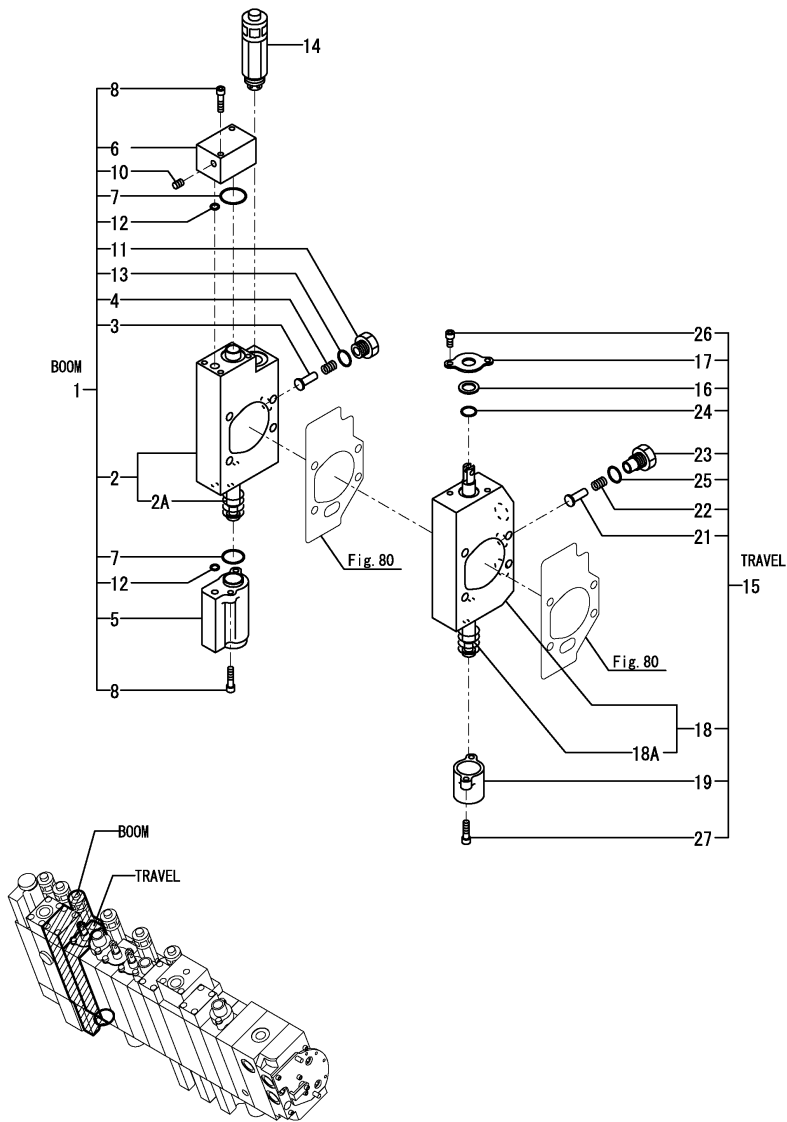


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-74111	VALVE ASSY, CONTROL	1	1	1					
1-1	1	172A44-74112	VALVE ASSY, CONTROL	1	1	1				N	
(A=M53516) (B=M53516) (C=M53516)											
2	2	172A46-74330	GASKET SET	1	1	1					
3	3	172A47-75430	GASKET	11	11	11					
4	3	172A47-75440	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					

Fig.81. CONTROL VALVE(US,AS,NZ:2/7)



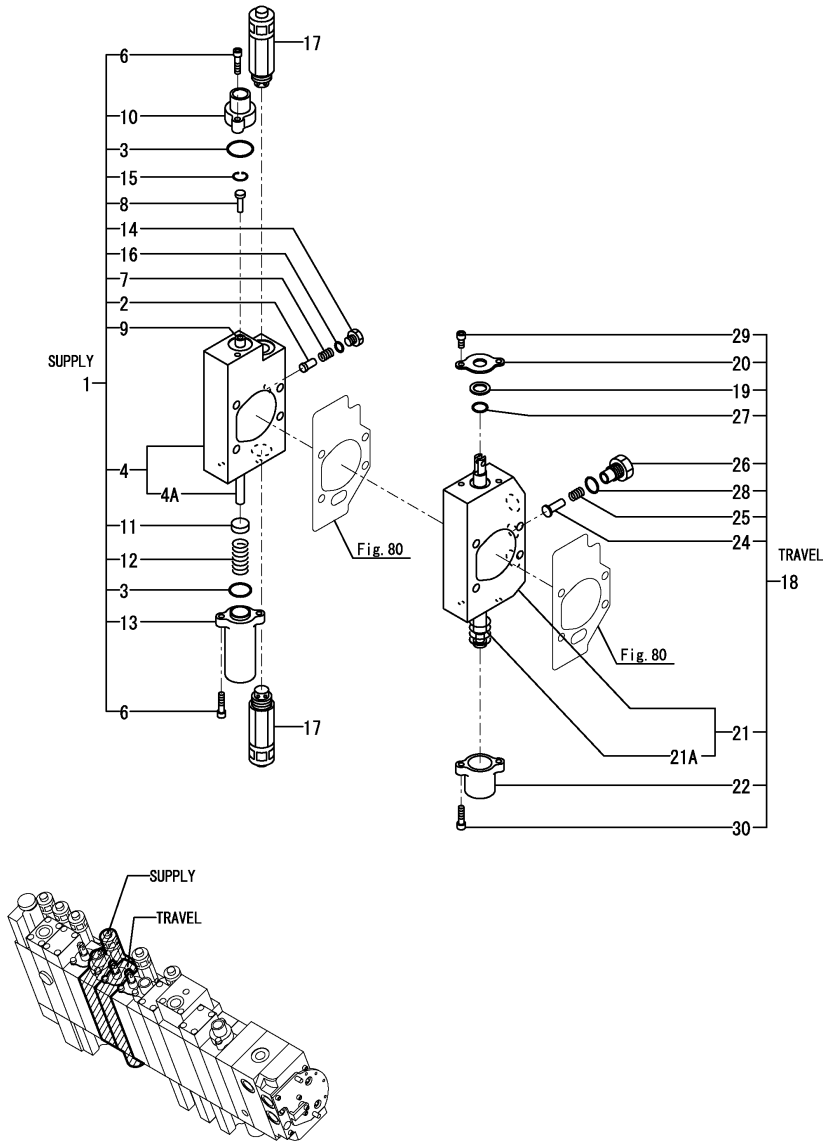
Remarks
* Control valve assy is shown in Fig.80.

										OCS10-M52701 Fig.81	
										(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)
No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I	R
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					

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)=



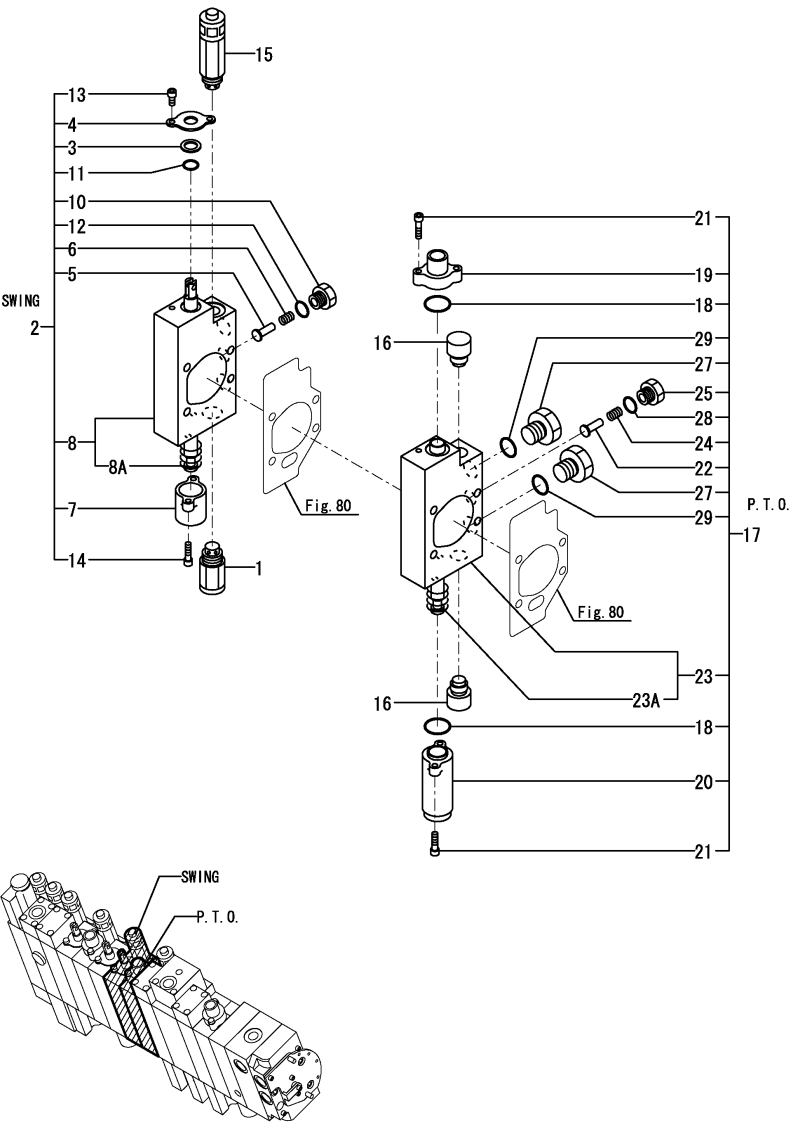
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A46-74410	VALVE	1	1	1					
2	3	172499-70180	VALVE ASSY, REVERSE	1	1	1					
3	3	172458-74230	O-RING	2	2	2					
4	3	172A46-74260	INLET SECTION SUB	1	1	1					
4A	4	172A46-74250	SPOOL ASSY, INLET	1	1	1					
6	3	172458-74260	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)=



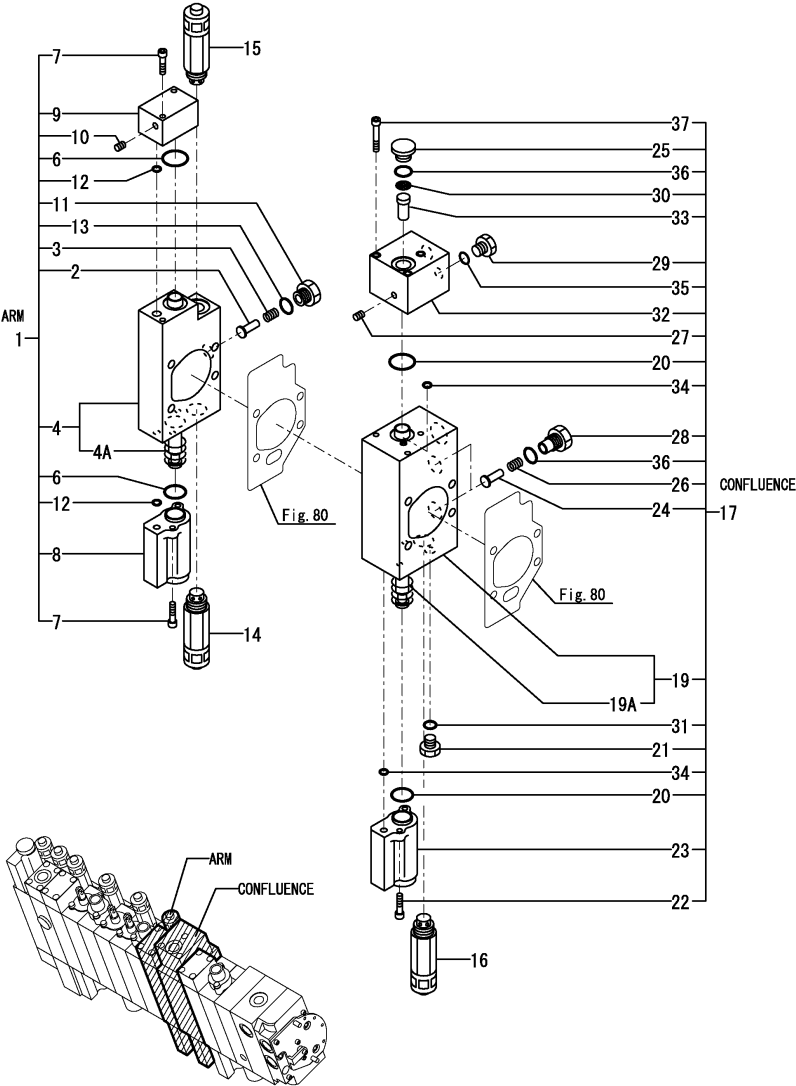
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172447-74230	ANTI-CAVITATION	1	1	1					
2	2	172A46-74430	SECTION, SWING	1	1	1					
2-1	2	172A46-74431	SECTION, SWING	1	1	1					N
(A=M53516) (B=M53516) (C=M53516)											
3	3	172458-74130	WIPER, DUST	1	1	1					
4	3	172458-74140	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.

Fig.84. CONTROL VALVE(US,AS,NZ:5/7)

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

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



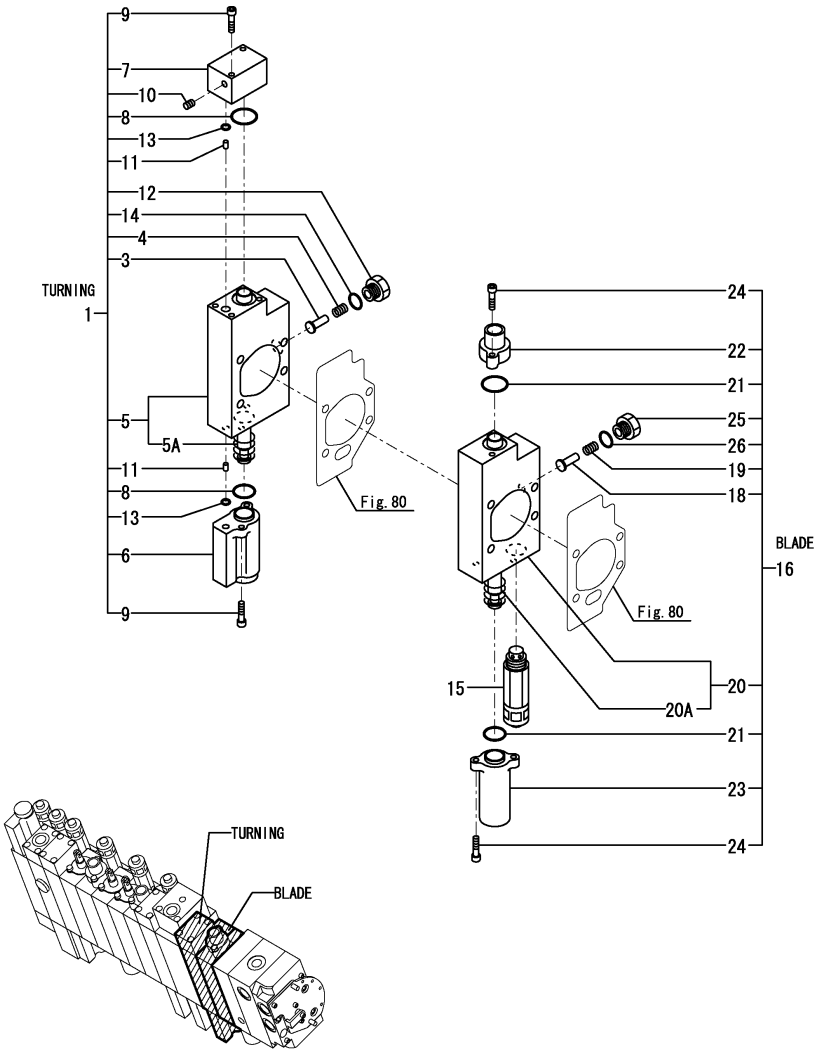
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172A44-74171	SECTION, ARM	1	1	1					
2	3	172458-74150	VALVE, REVERSE	1	1	1					
3	3	172458-74160	SPRING, VALVE	1	1	1					
4	3	172A44-74250	SECTION, ARM	1	1	1					
4A	4	172A44-74181	SPOOL ASSY, ARM	1	1	1					
6	3	172458-74230	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					

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

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

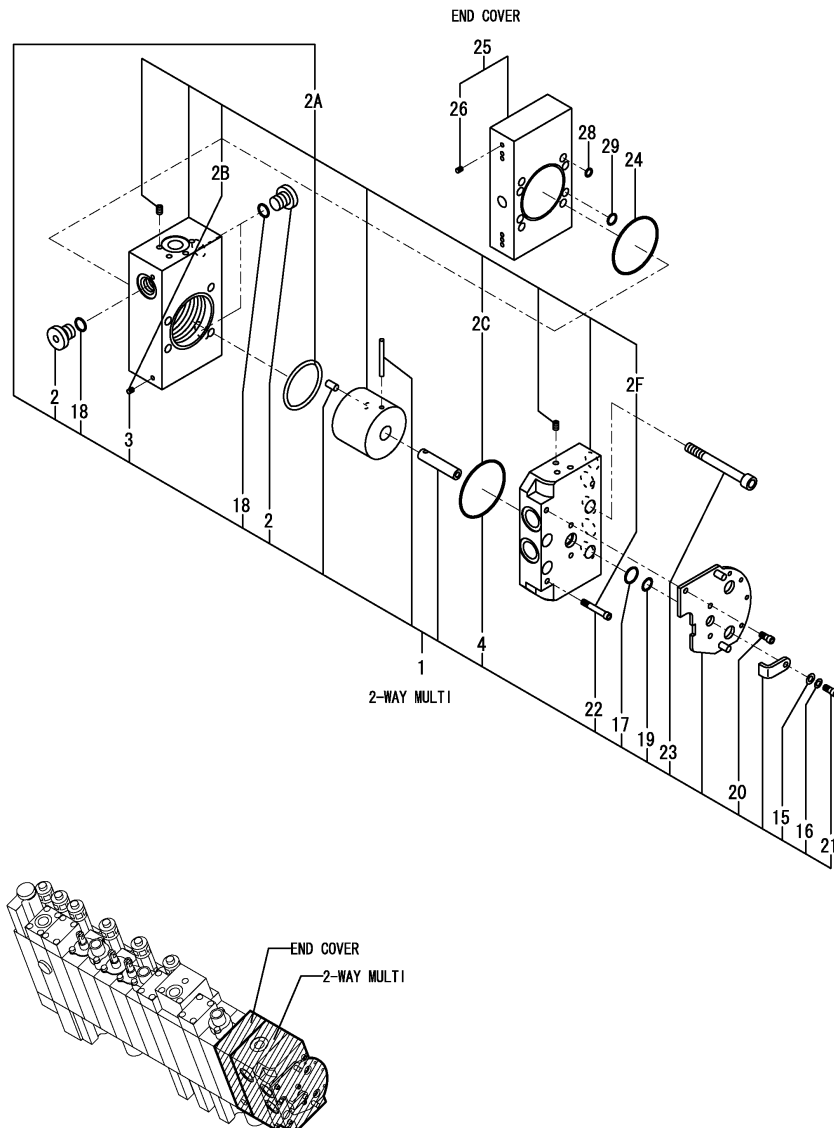
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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.



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					

* Control valve assy is shown in Fig.80.

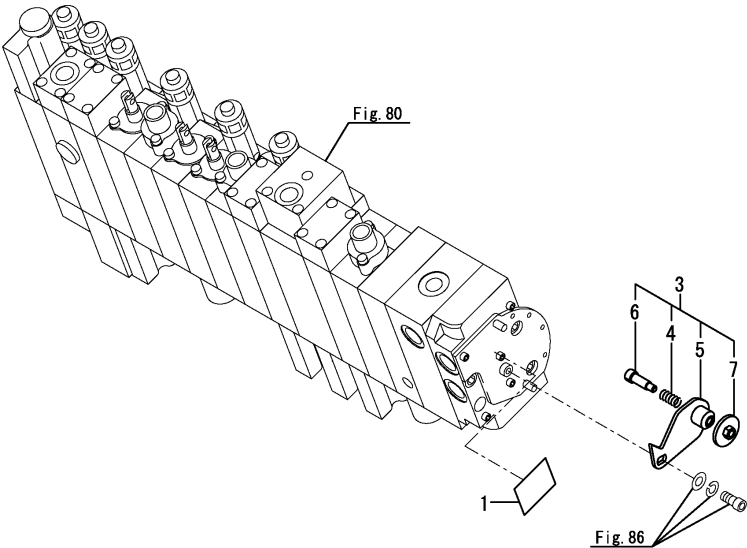
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change
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Fig.87. 2-WAY MULTI LEVER(US,AS,NZ)

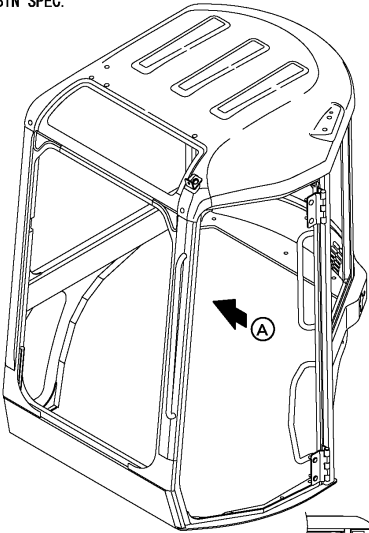
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03220	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					

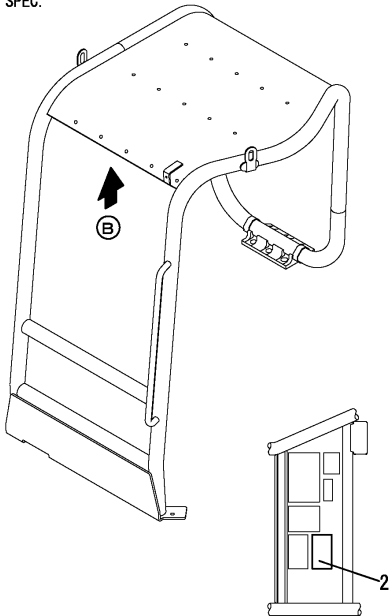


CABIN SPEC.

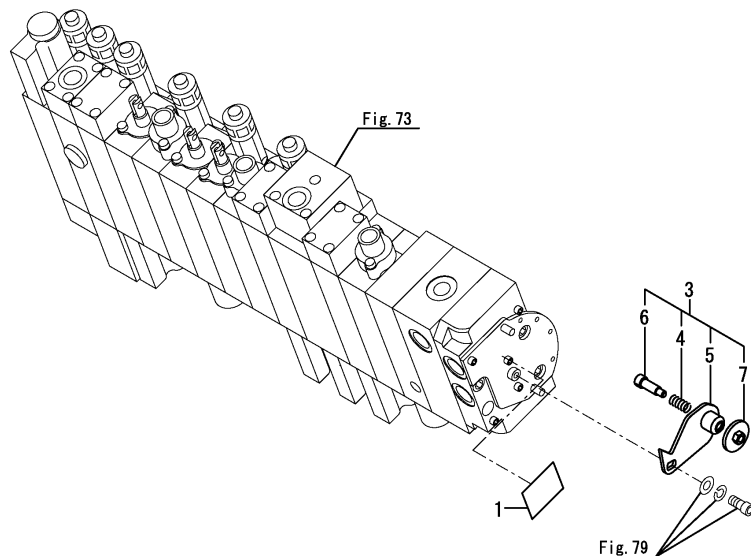


DETAILS OF (A)

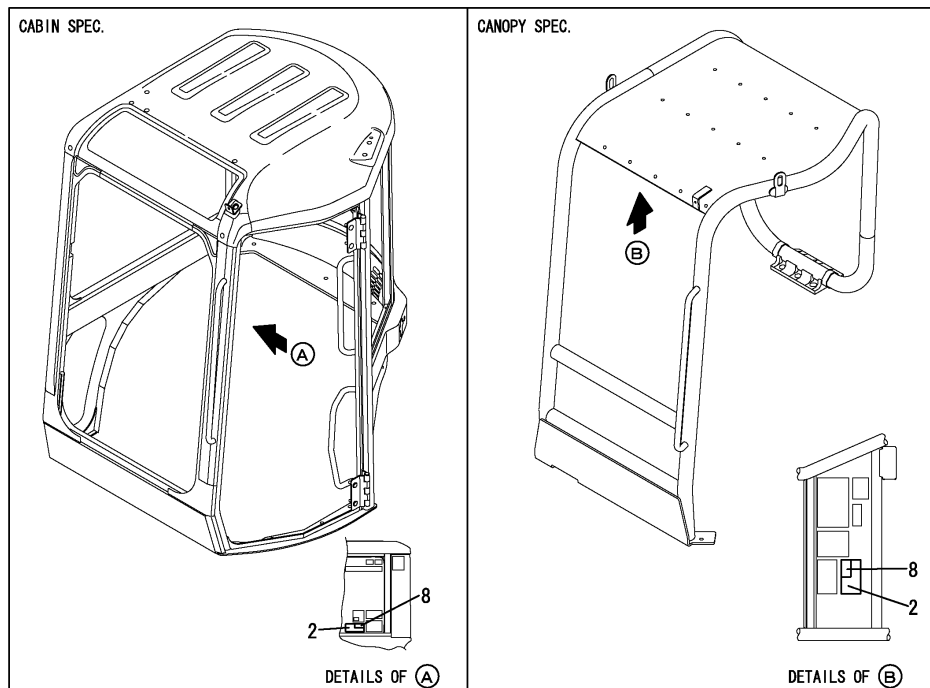
CANOPY SPEC.



DETAILS OF (B)



No.	Lev.	Parts No.	Description	Q'ty					
				(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				

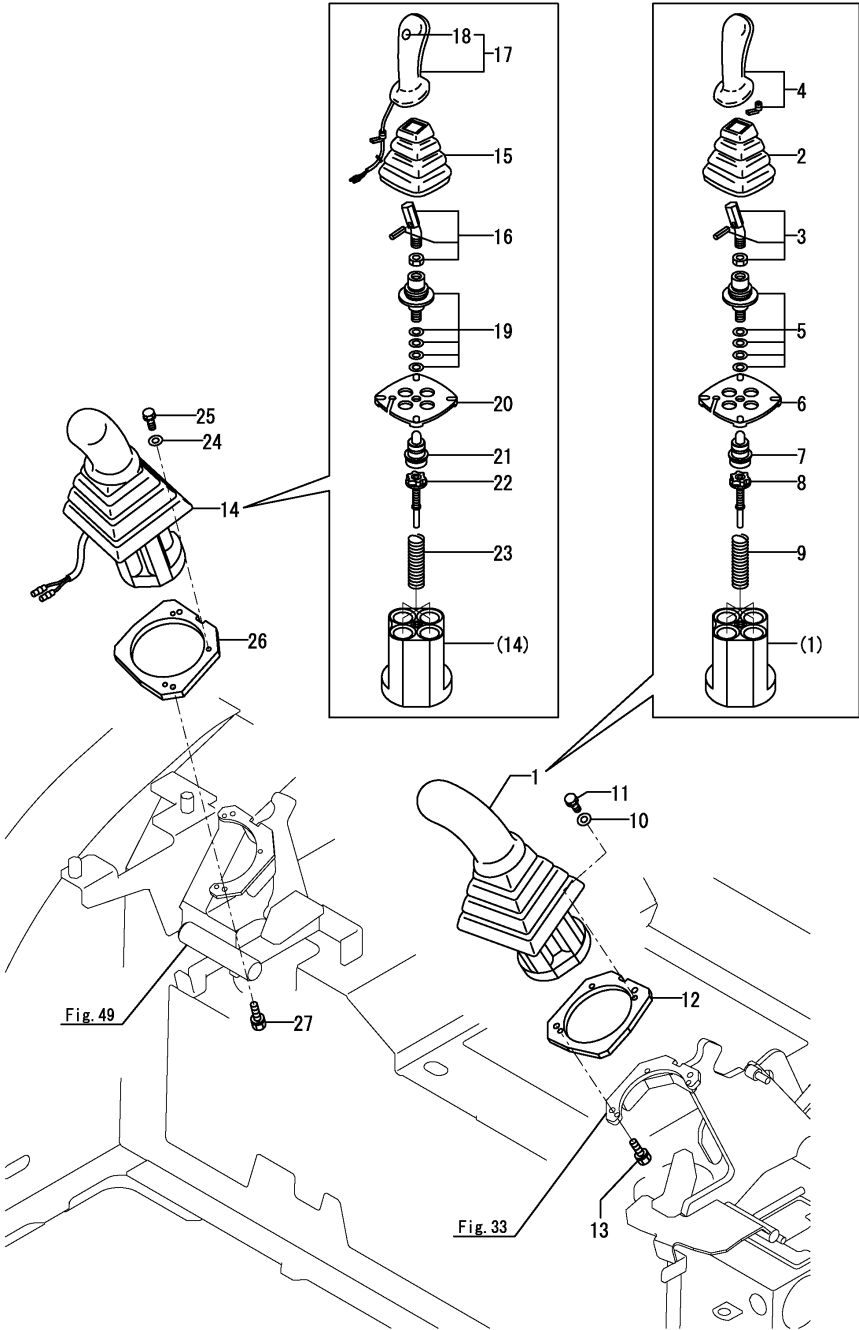
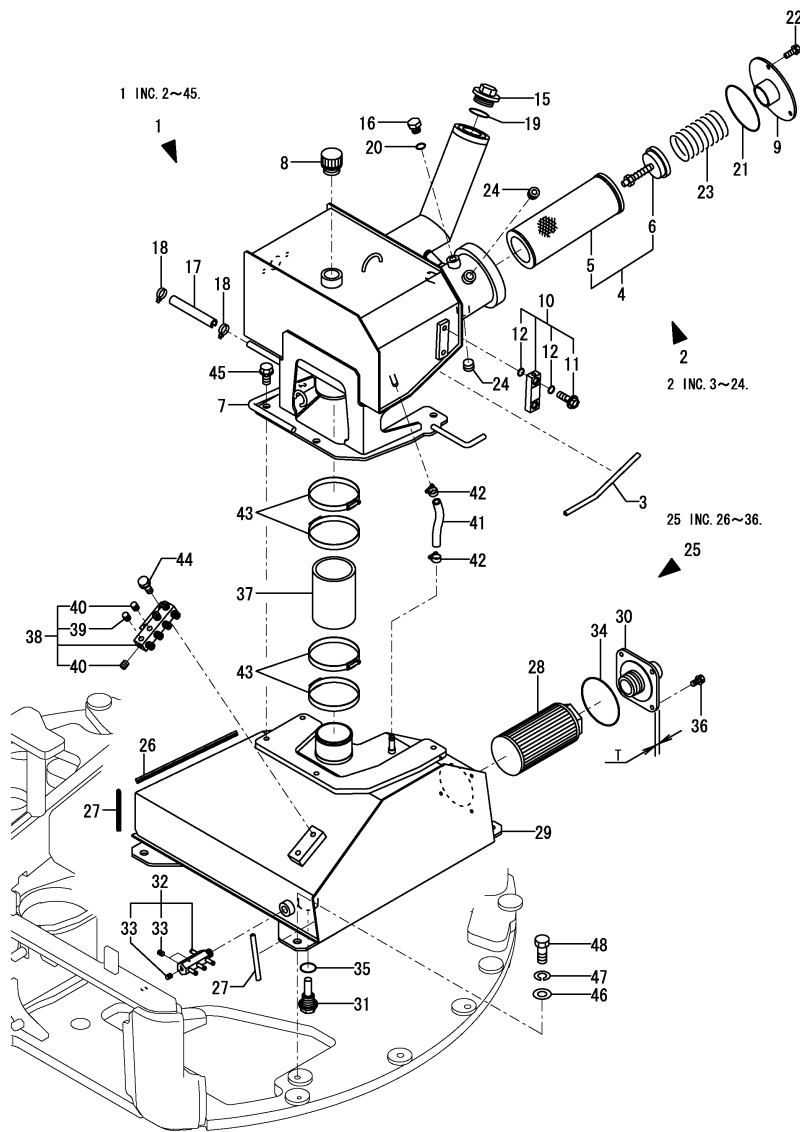


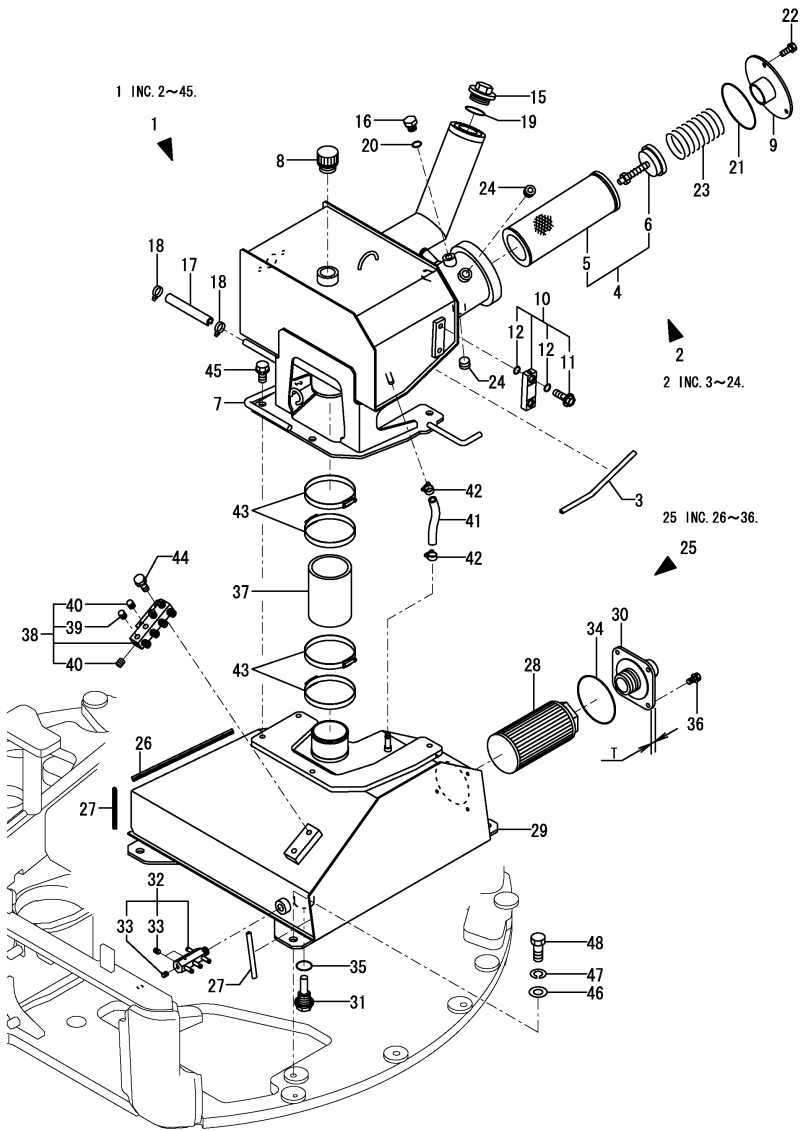
Fig.90. HYD.OIL TANK



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

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

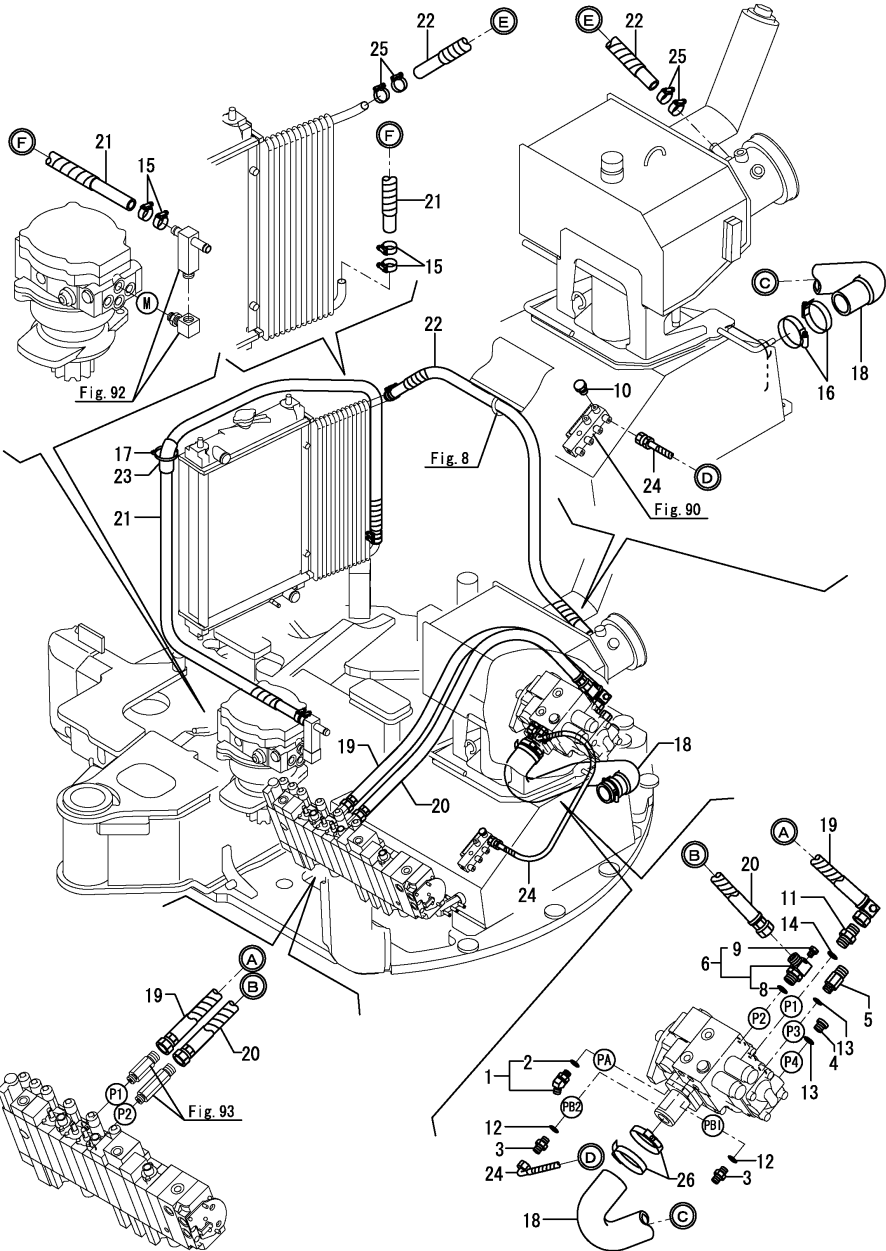
Remarks
(1)Please use this part with following label at the same time.
Ref.No.49A.
(2)Label is not illustrated.
(3)T=Ref.No.30:6mm, No.30-1:12mm.
Interchangeable by simultaneous replacement with Ref.No.36-1.

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				

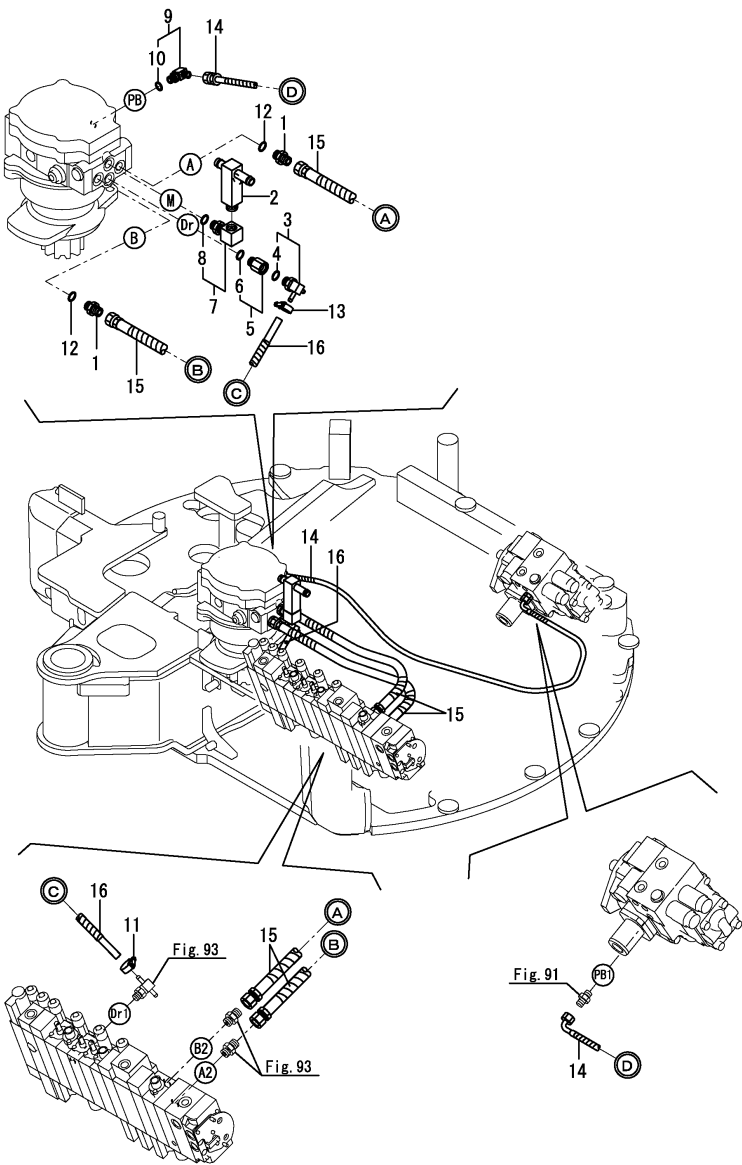


Remarks
* Fitting(control valve) is shown in Fig.93.

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)=



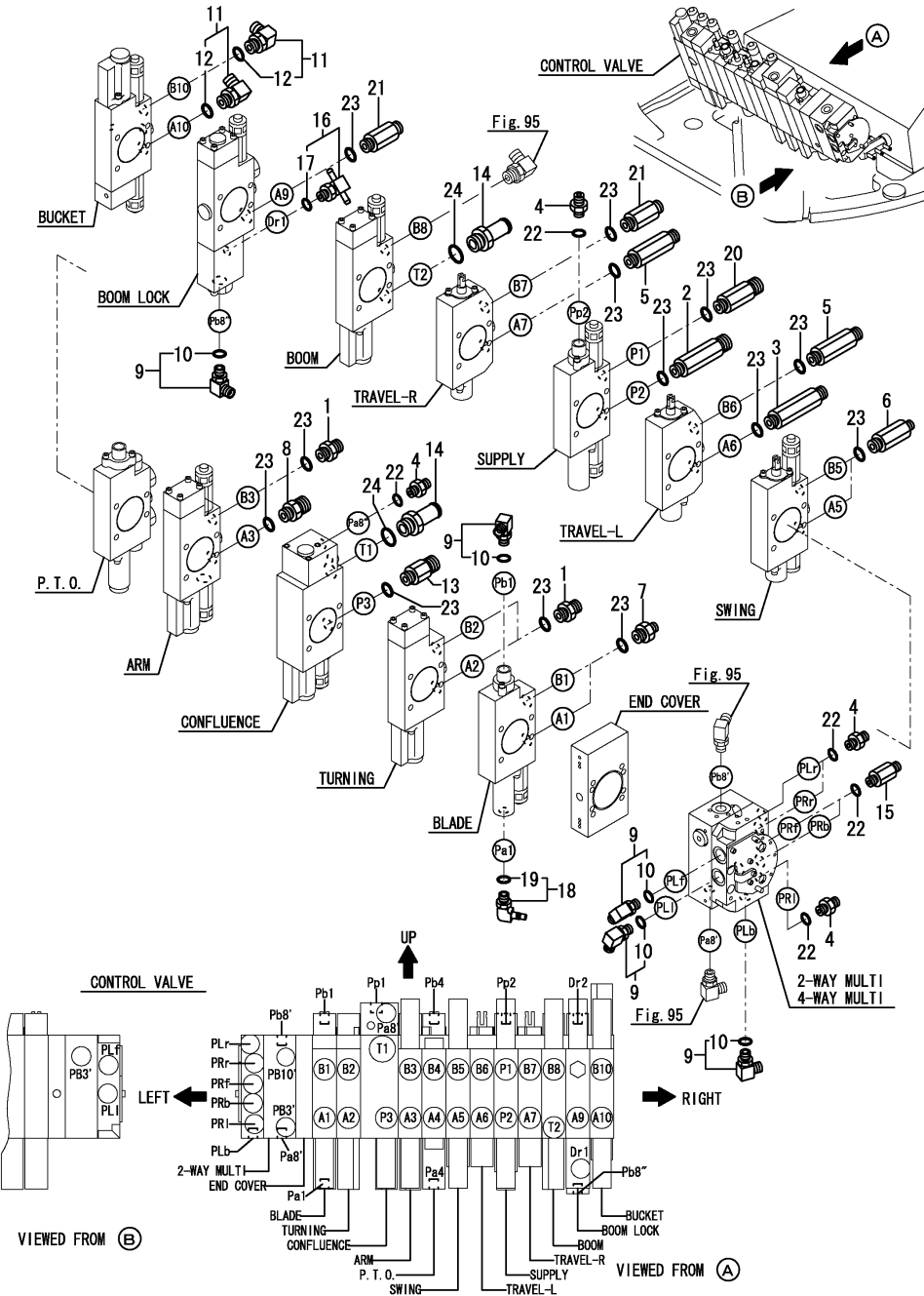
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	2	2	2	2				
2	1	172A46-76100	NIPPLE, TEE	1	1	1	1				
3	1	172A52-76110	NIPPLE, TEE	1	1	1	1				
4	2	24315-000140	O-RING, 1BP14.0	1	1	1	1				
5	1	172A52-76130	ADAPTER	1	1	1	1				
6	2	24315-000140	O-RING, 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)=

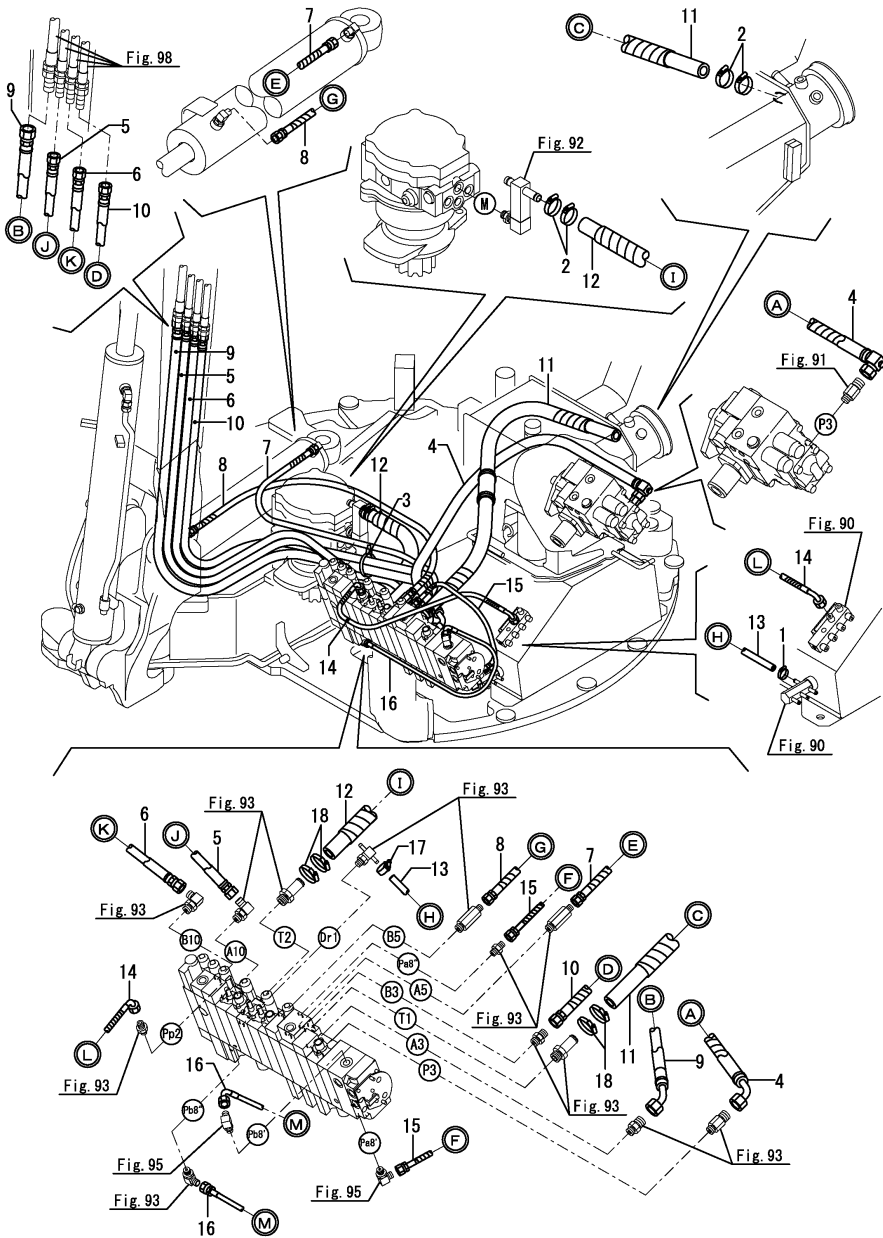


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172730-75141	ADAPTER	3	3	3	3				
2	1	172A46-76110	CONNECTOR	1	1	1	1				
3	1	172A46-76120	CONNECTOR	1	1	1	1				
4	1	172123-76121	ADAPTER	5	5	5	5				
5	1	172162-76131	ADAPTER	2	2	2	2				
6	1	172422-76130	CONNECTOR	2	2	2	2				
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)

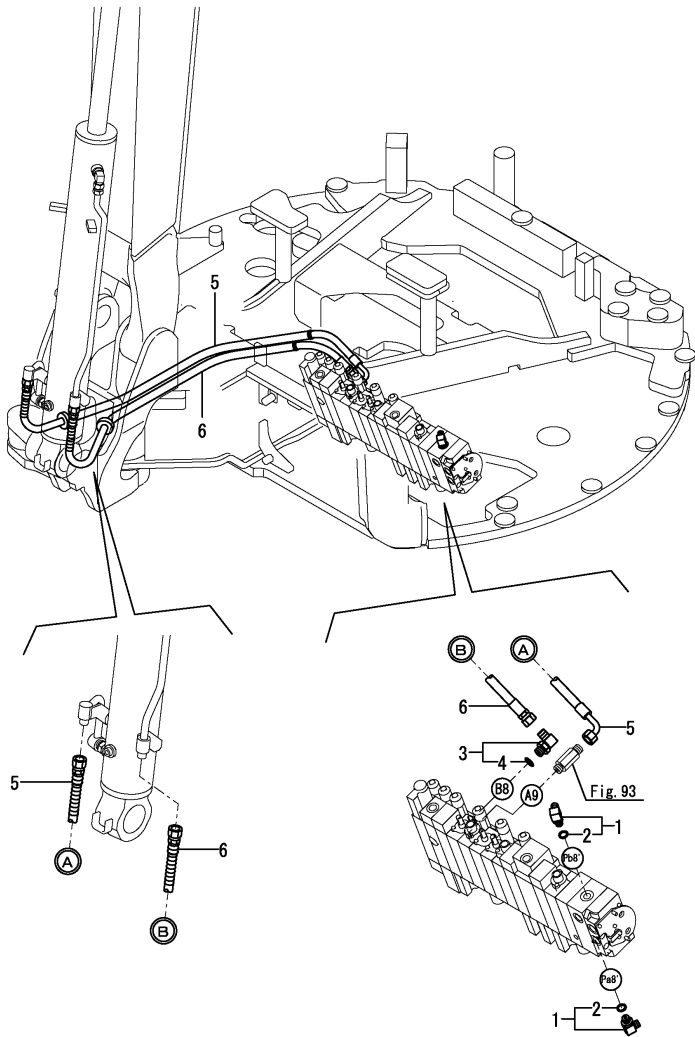
(D)=VIO27-5B(SG)
(E)=
(F)=



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)



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				

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

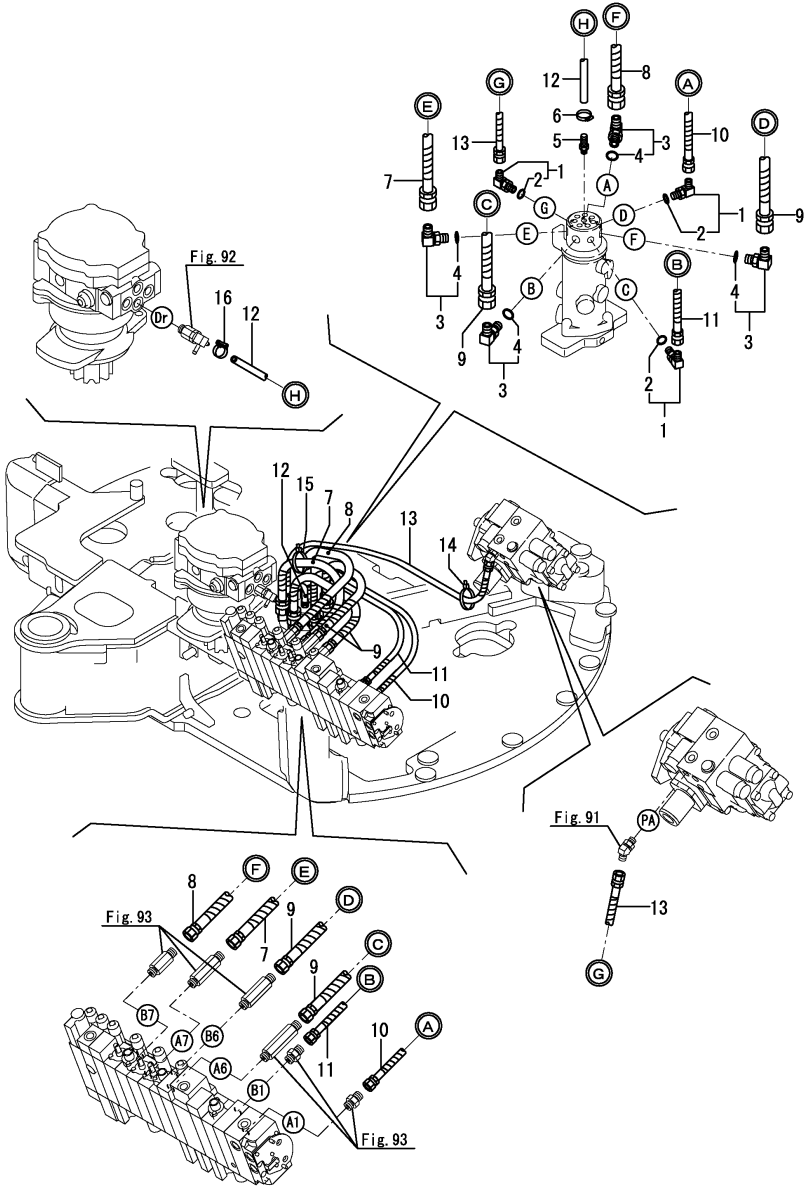
Fig.96. HYD.OIL PIPING(CONTROL VALVE - SWIVEL JOINT)

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				

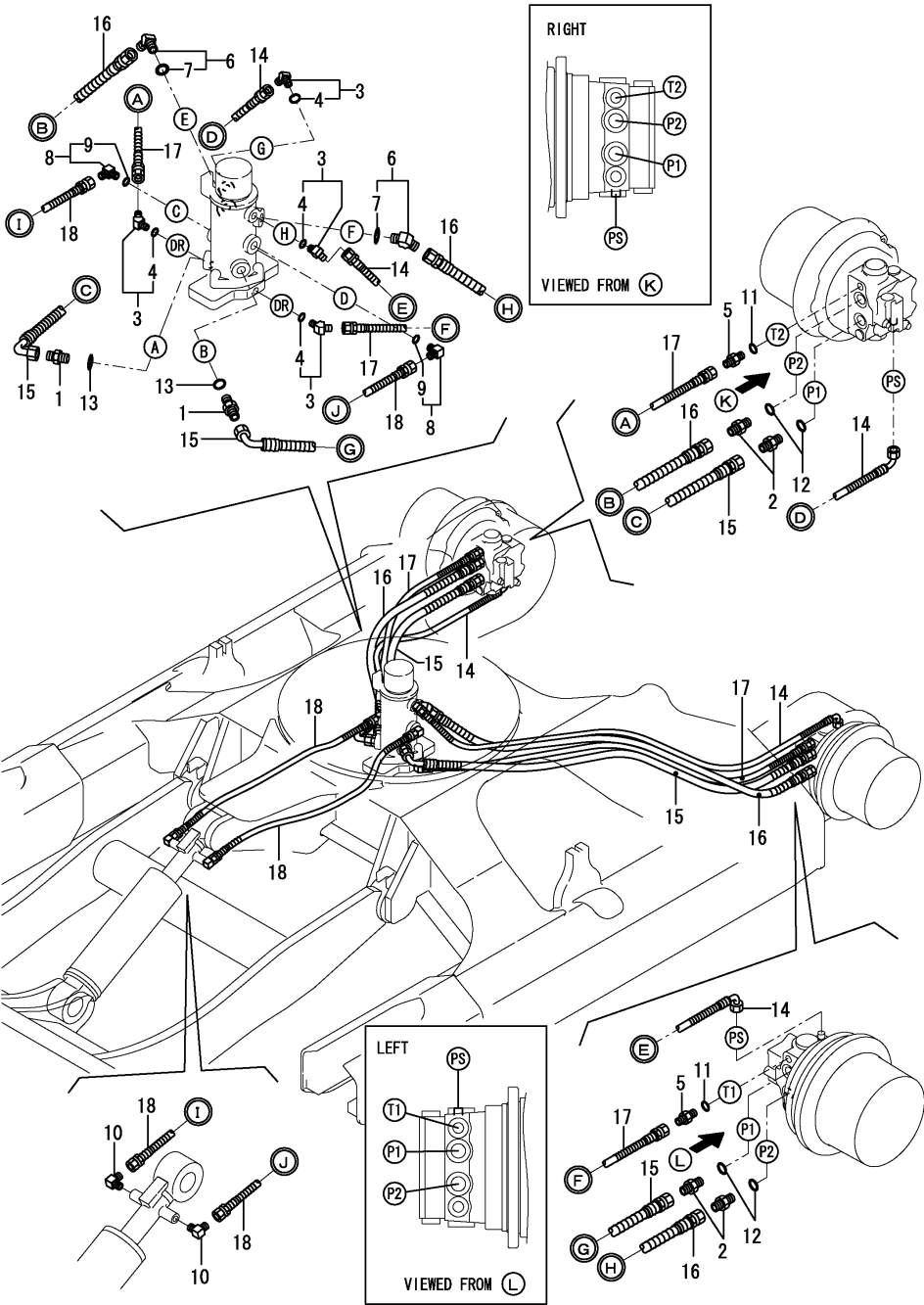


Remarks
* Fitting(control valve) is shown in Fig.93.

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

(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				

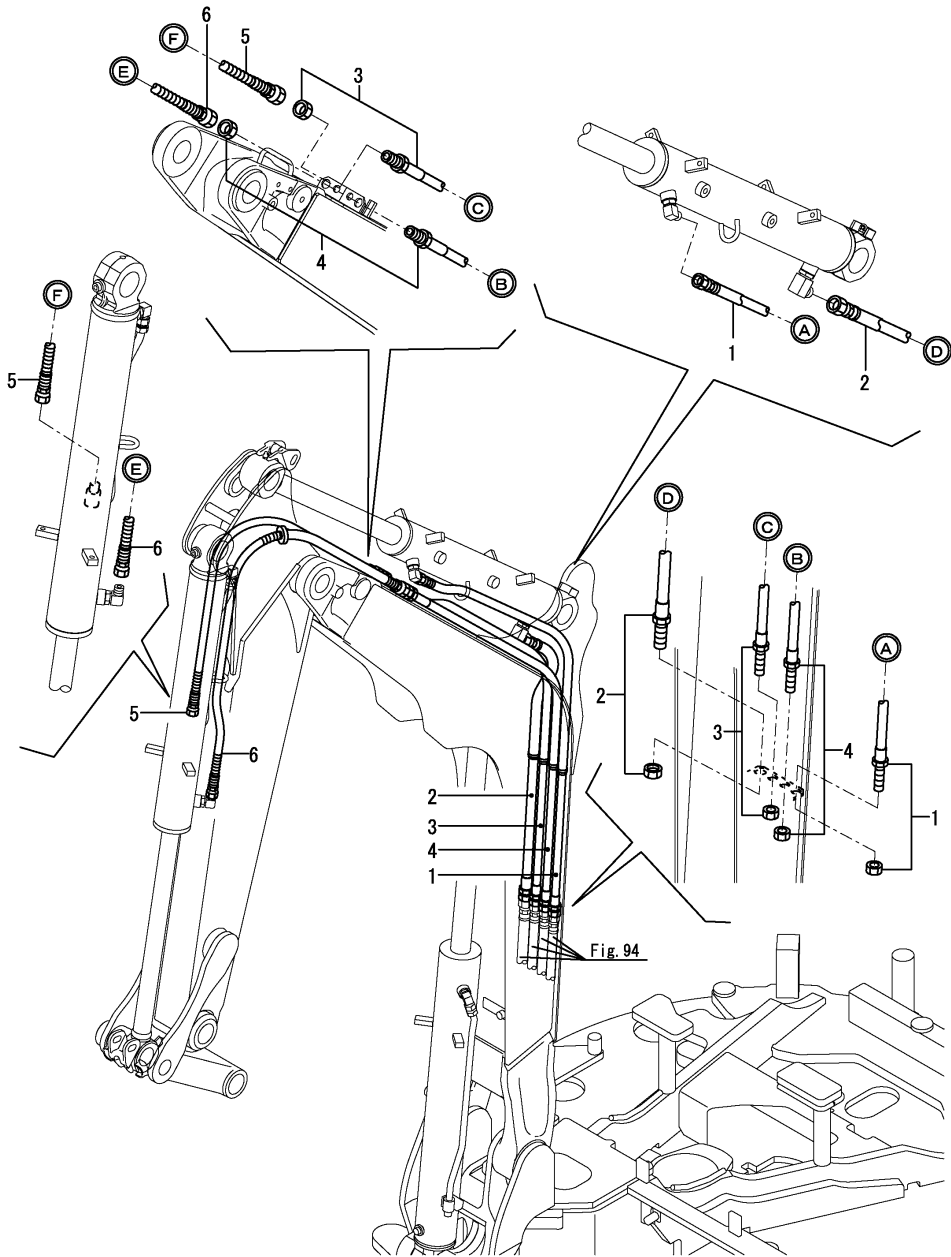
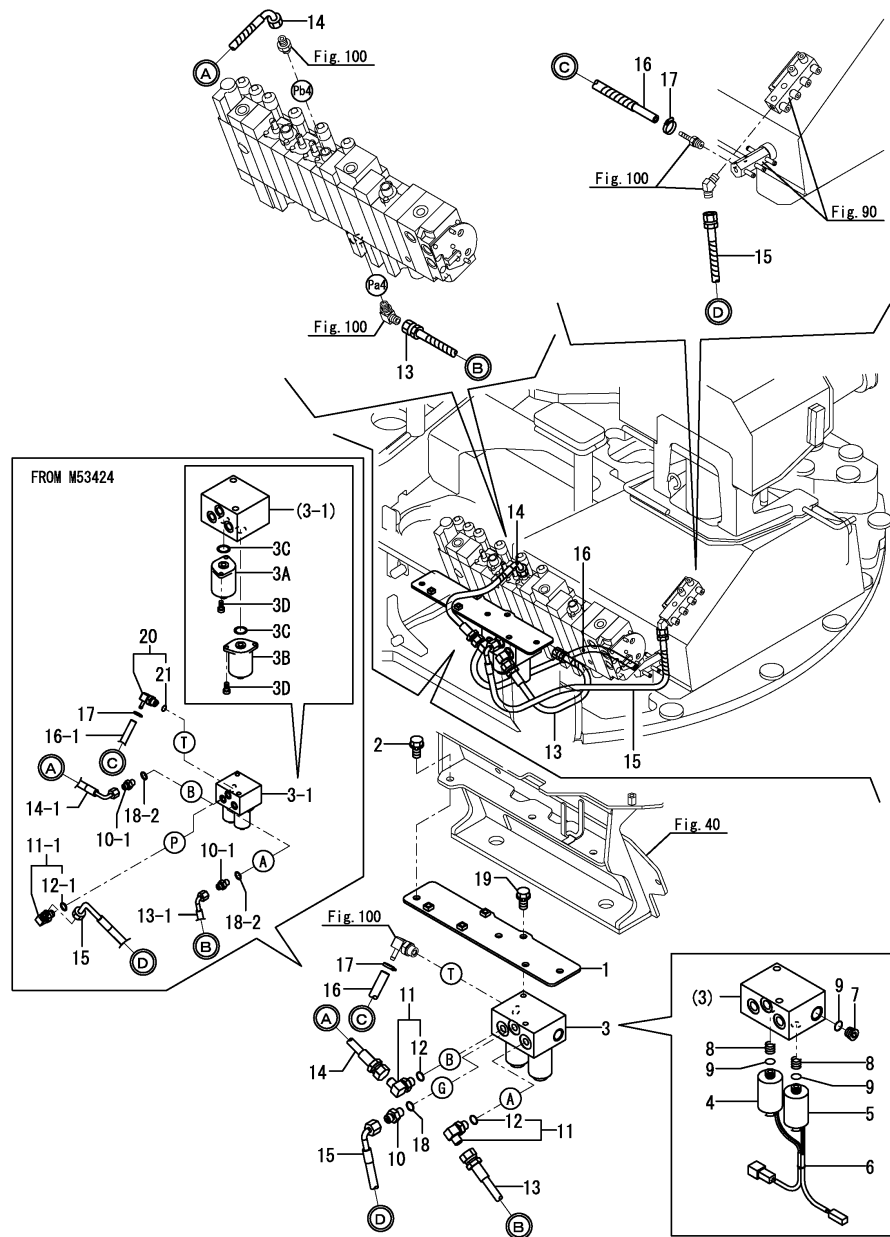


Fig.99. HYD.OIL PIPING(P.T.O. : SOLENOID VALVE - CONTROL VALVE)



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

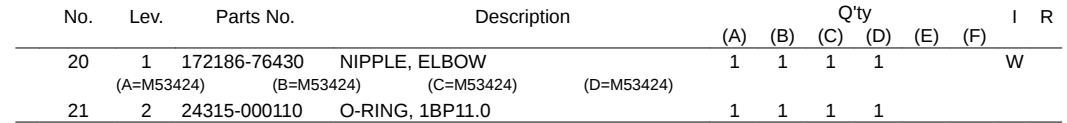
(D)=VIO27-5B(SG)
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty						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				

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

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



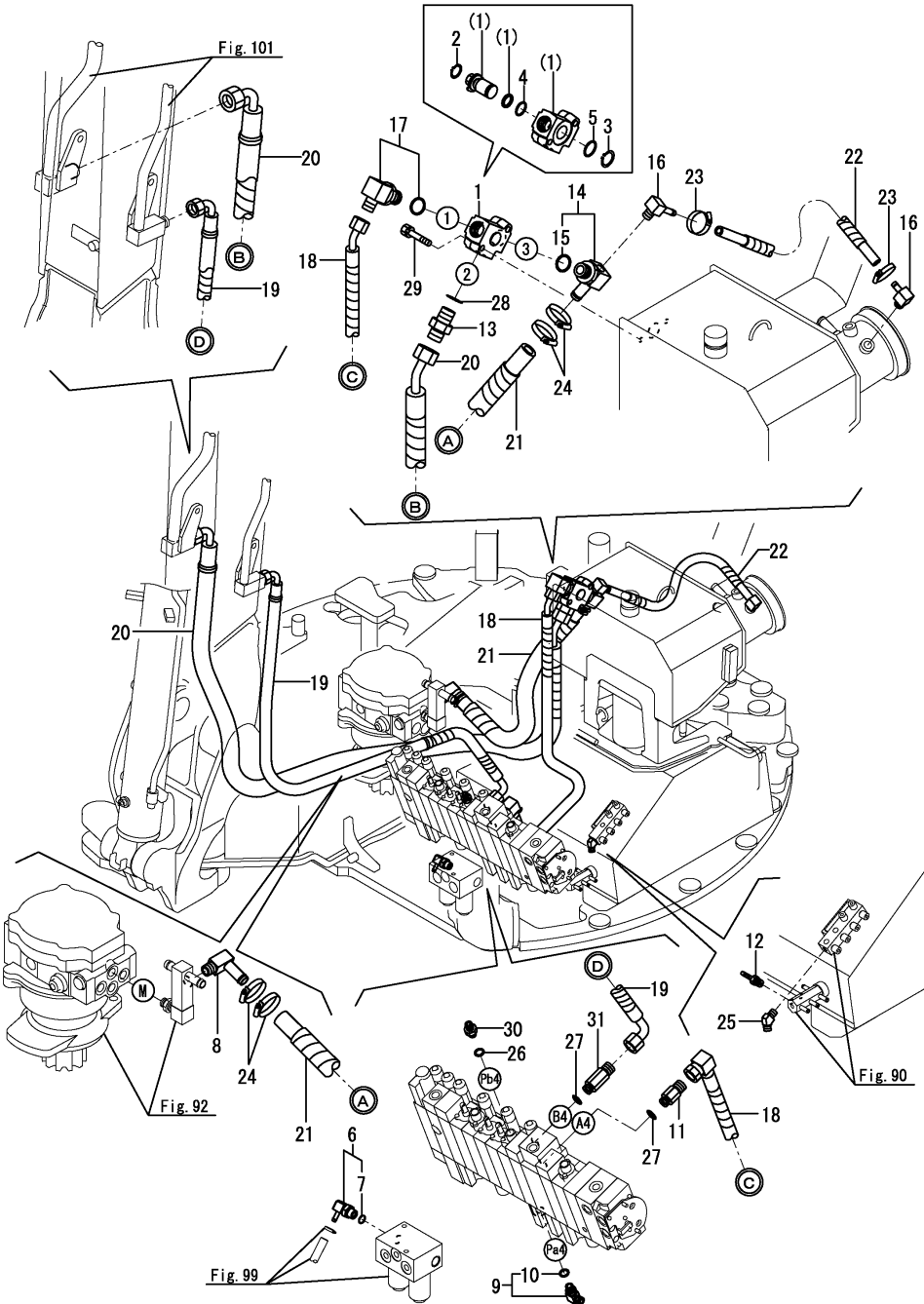
(1)Interchangeable by simultaneous replacement with Ref.No.10-1,11-1,13-1,14-1,16-1,18-2,20.

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

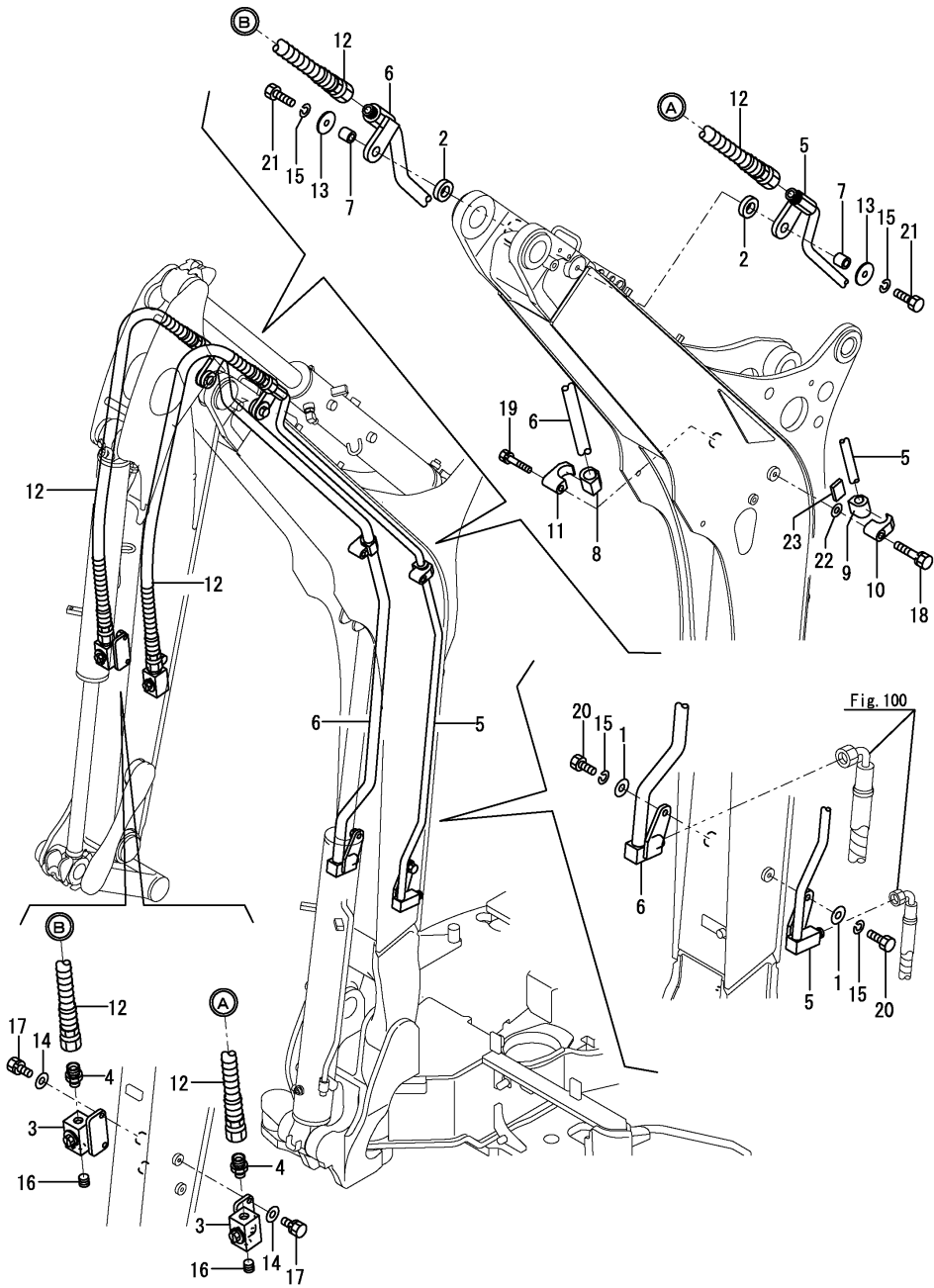
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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)

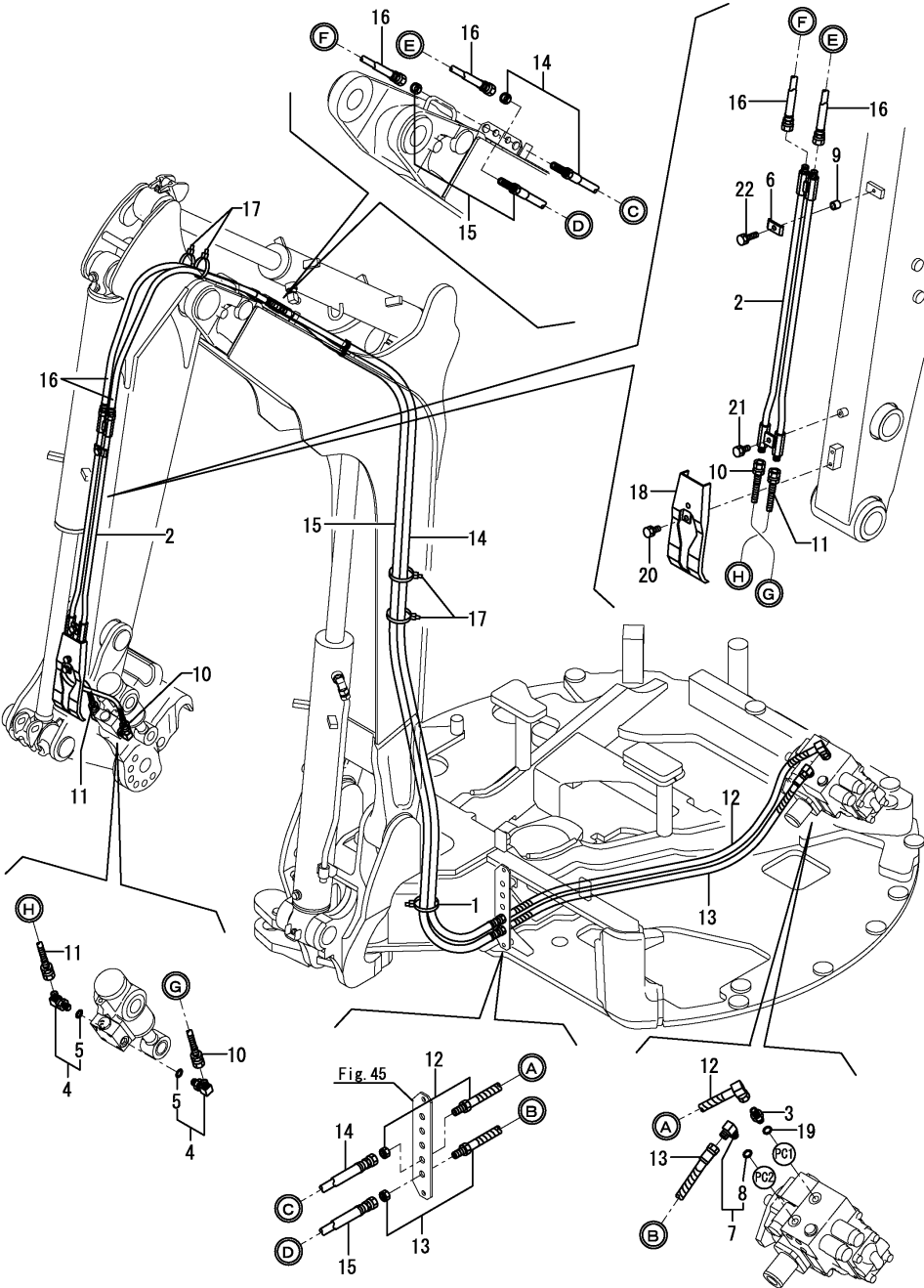


					OCS10-M52701						Fig.101	
					(A)=VIO27-5B(US) (B)=VIO27-5B(AS) (C)=VIO27-5B(NZ)			(D)=VIO27-5B(SG) (E)= (F)=				
No.	Lev.	Parts No.	Description		Q'ty						I	R
					(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172147-13150	WASHER		2	2	2	2				
1-1	1	172147-13151	WASHER		2	2	2	2			N	
		(A=M53448)	(B=M53448)	(C=M53448)	(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)							

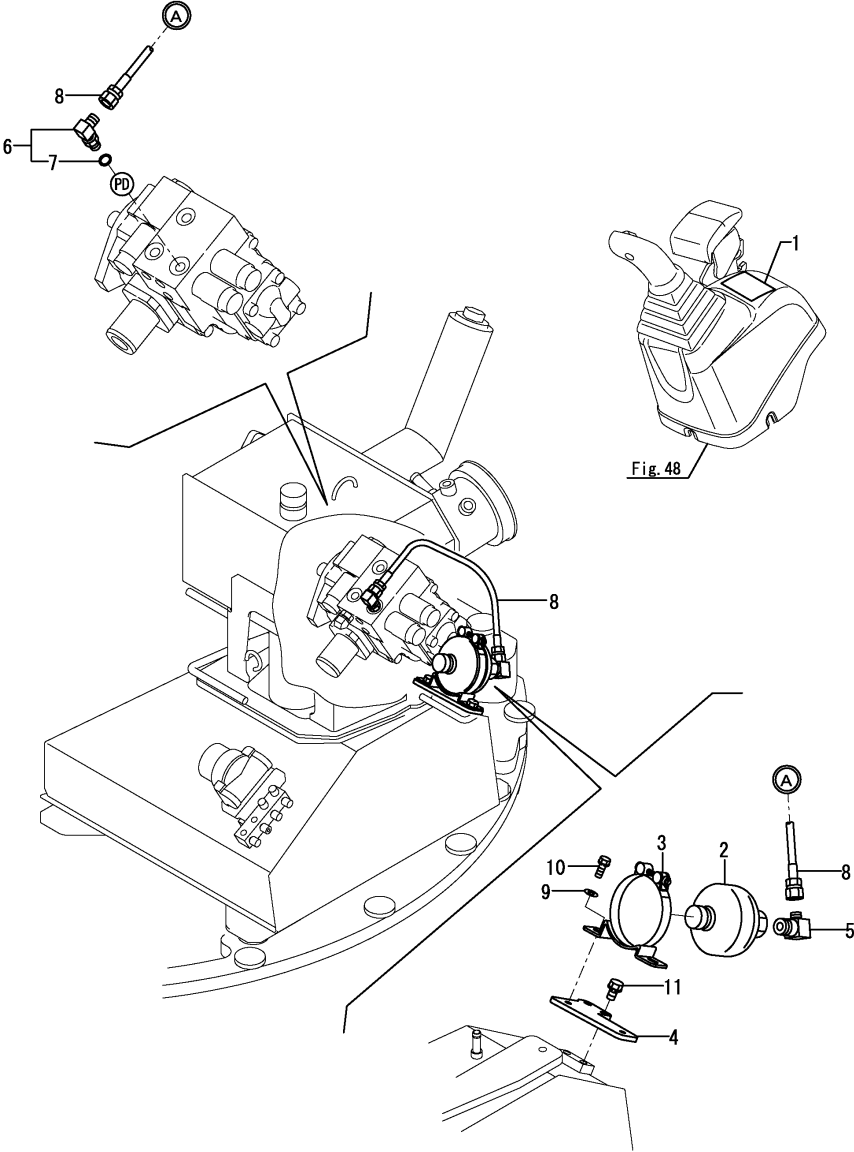
Fig.102. HYD.OIL PIPING(QUICK COUPLER)

(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				

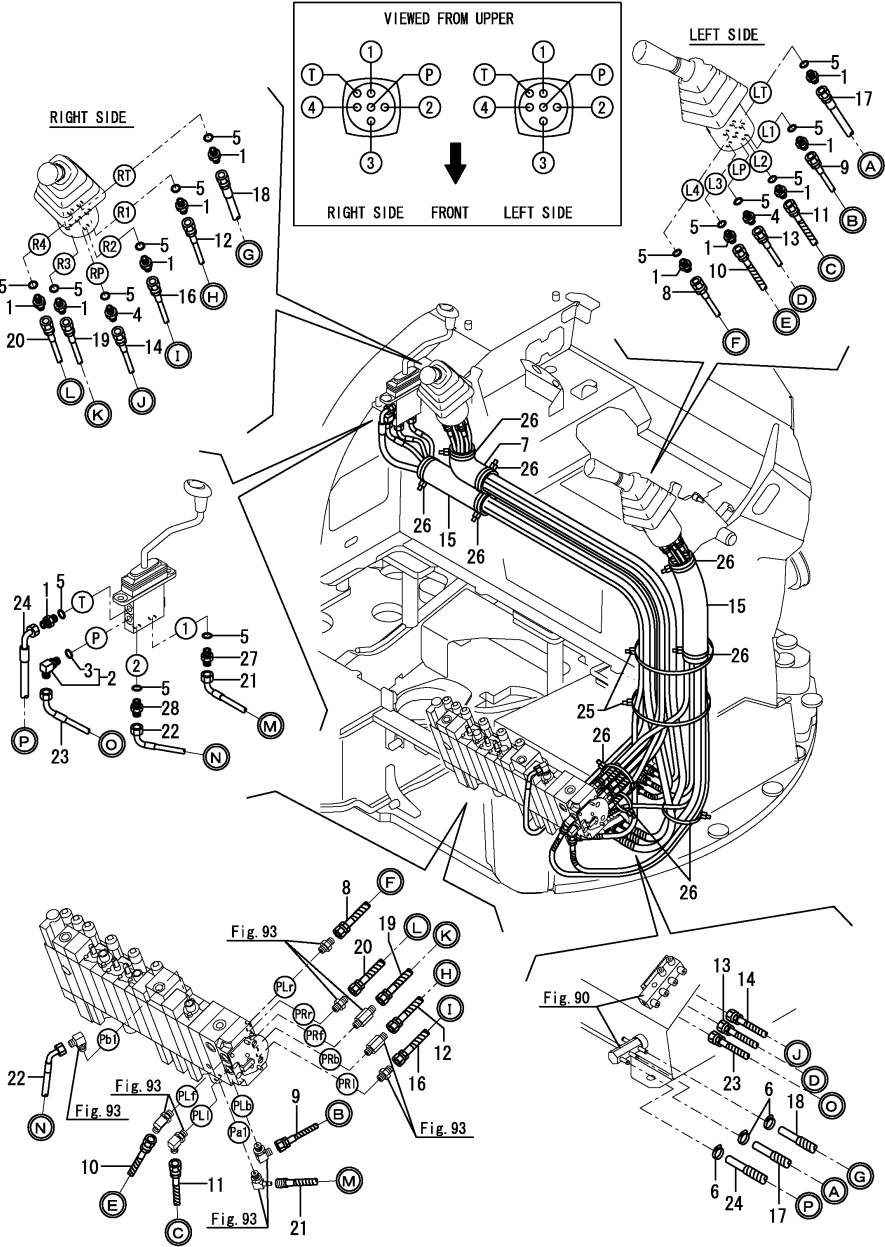


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A47-03371	LABEL,PTO EX	1	1	1	1				
2	1	172478-73600	ACCUMULATOR	1	1	1	1				
3	1	172478-73630	CLAMP	1	1	1	1				
4	1	172A46-75440	BRACKET	1	1	1	1				
5	1	172478-76200	CONNECTOR	1	1	1	1				
6	1	172141-76920	CONNECTOR ASSY	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				

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

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

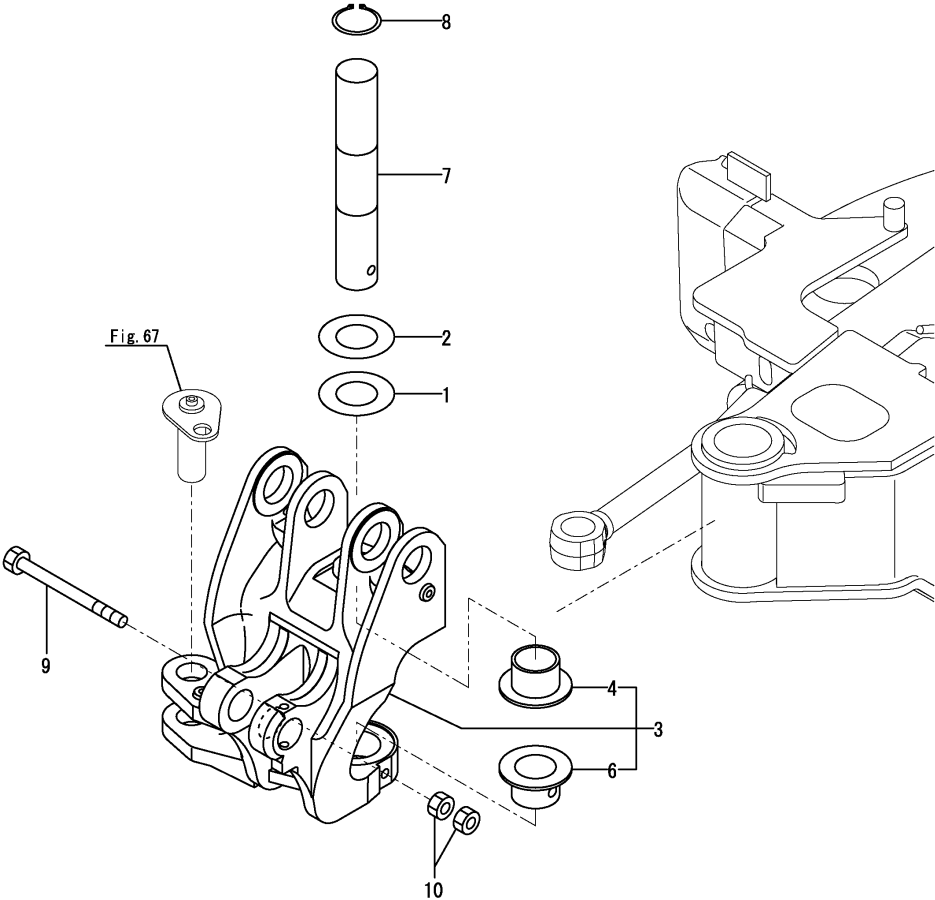
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172123-76121	ADAPTER	11	11	11	11				
2	1	172958-76130	ELBOW	1	1	1	1				
3	2	24315-000110	O-RING, 1BP11.0	1	1	1	1				
4	1	172455-76220	CONNECTOR	2	2	2	2				
5	1	24315-000110	O-RING, 1BP11.0	15	15	15	15				
5-1	1	41851-000110	O-RING	15	15	15	15			N	
(A=M53092) (B=M53092) (C=M53092) (D=M53092)				3	3	3	3				
6	1	23000-013000	CLAMP, 13	1	1	1	1				
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				



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

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

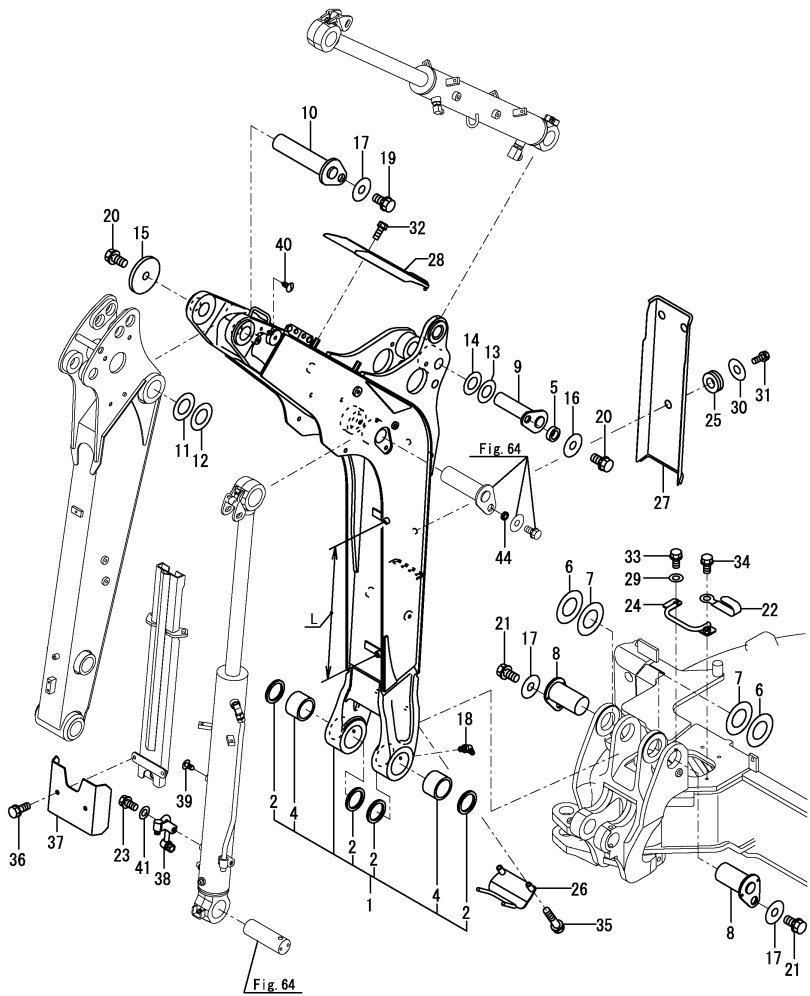
(D)=VIO27-5B(SG)
(E)=
(F)=



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)=



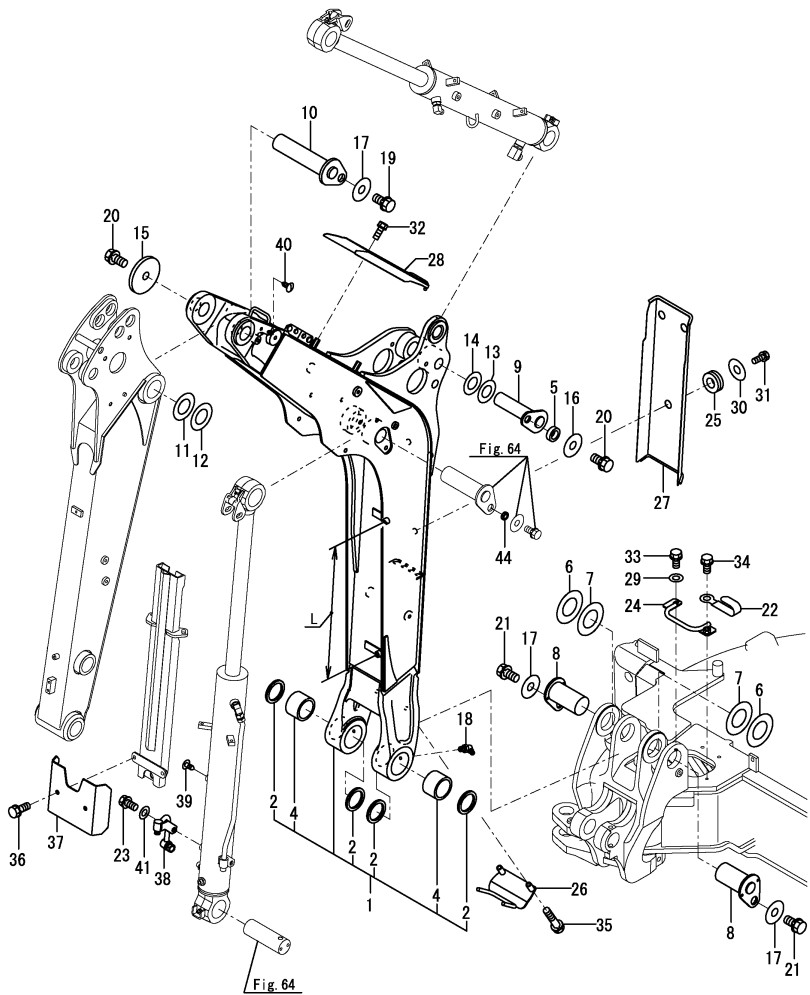
Remarks
(1)Please use this part with following label at the same time.
Ref.No.42A,42B,42C.
L=Ref.No.1:480mm, No.1-1:380mm.
(2)Please use this part with following label at the same time.
Ref.No.43A,43B,43C.
(3)Label is not illustrated.

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	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				

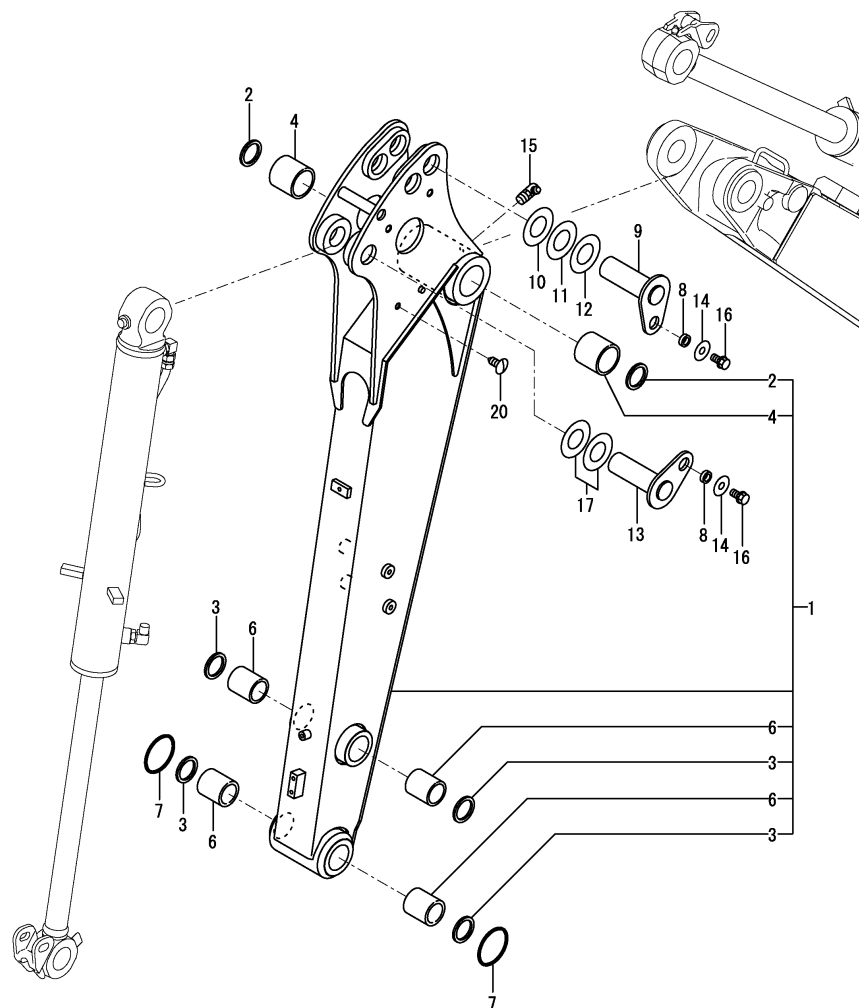
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

(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	PIPE ASSY, BOOM	1	1	1	1			S	
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
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
		(A=M54001) (B=M54001) (C=M54001) (D=M54001)									
43A	1	172472-03271	LABEL, SANDUS	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.

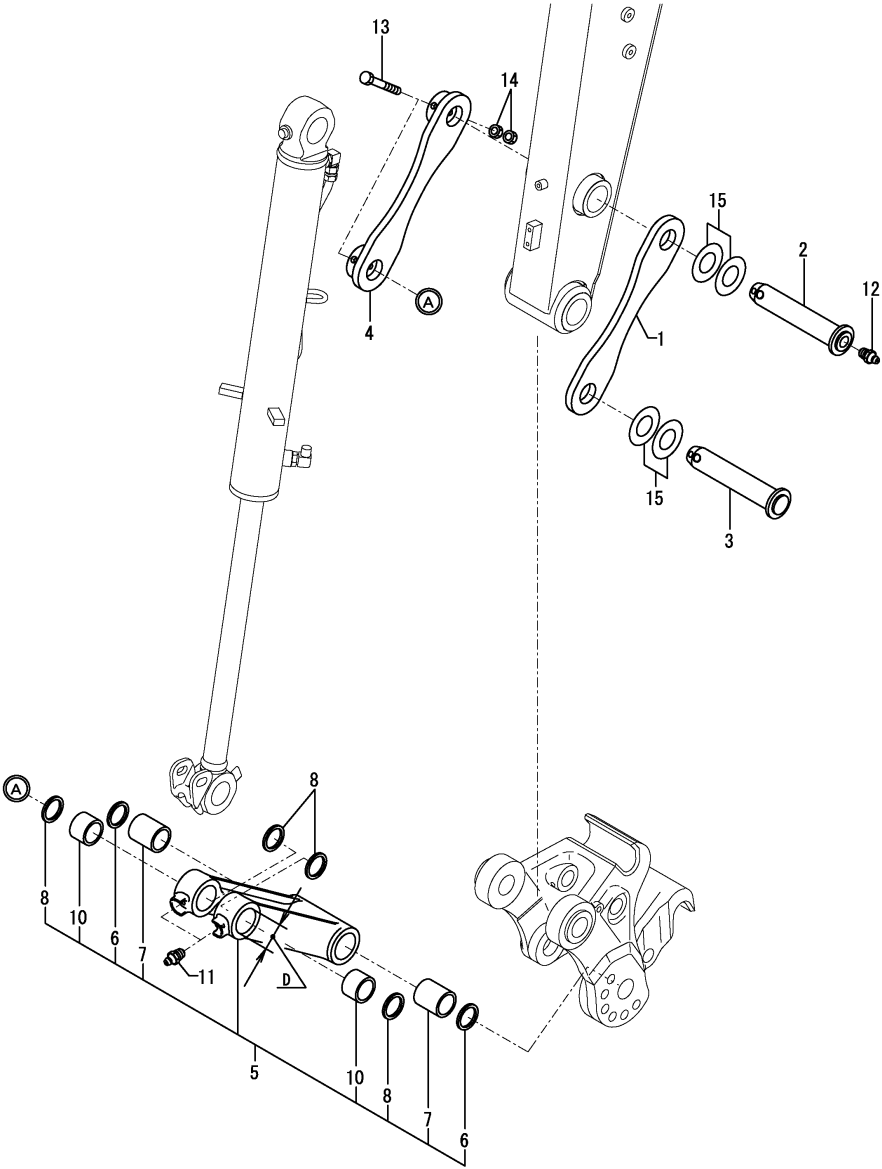


No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172A44-81501	ARM ASSY, 1150	1	1	1	1			1	
1-1	1	172A44-81501-Y	ARM ASSY, 1150	1	1	1	1			S 1	
		(A=M54001)	(B=M54001)	(C=M54001)	(D=M54001)						
2	2	172448-54120	SEAL, DUST	2	2	2	2				
3	2	172168-81270	SEAL, DUST	4	4	4	4				
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.

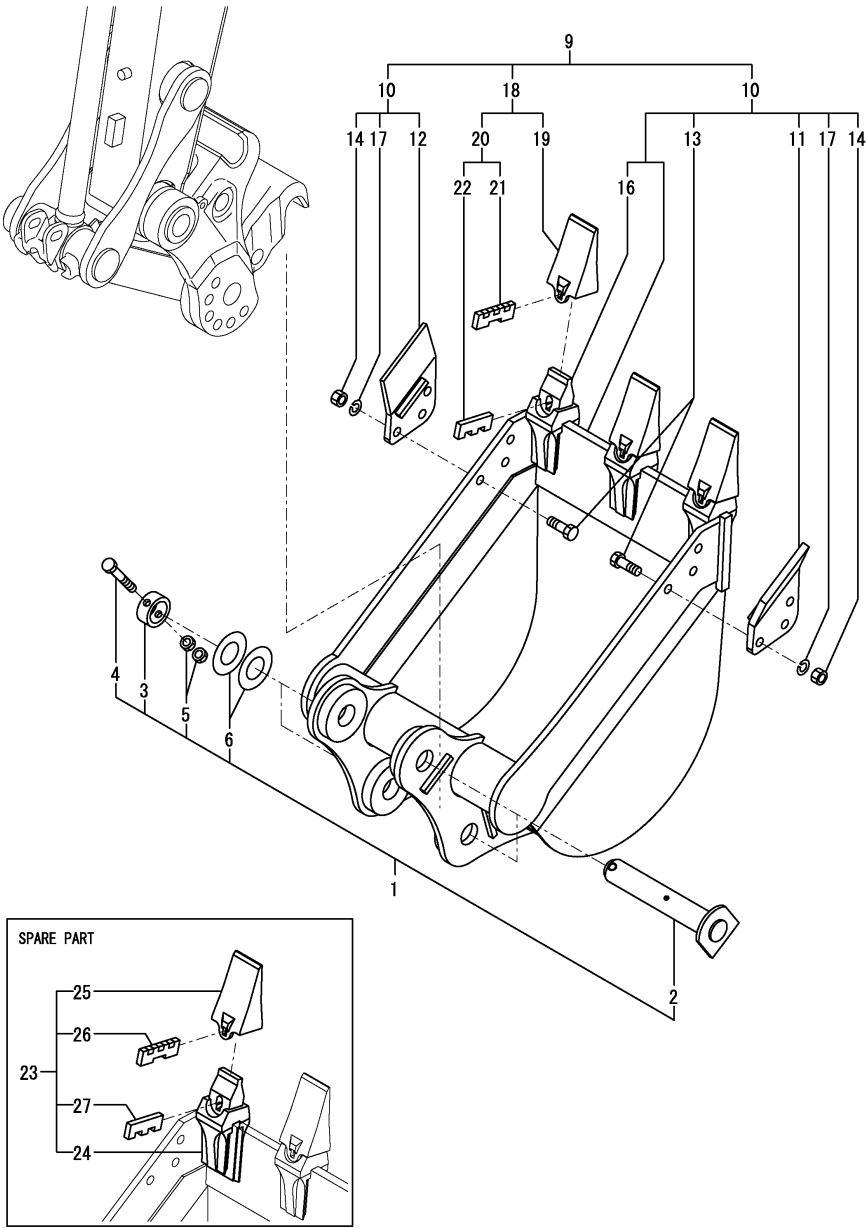
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

0CS10-M52701 IMPLEMENT
Fig.108. BUCKET ARM & LINK



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

						0CS10-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		



(A)=VIO27-5B(US)

(B)=VIO27-5B(AS)

(C)=VIO27-5B(NZ)

OCS10-M52701 Fig.109

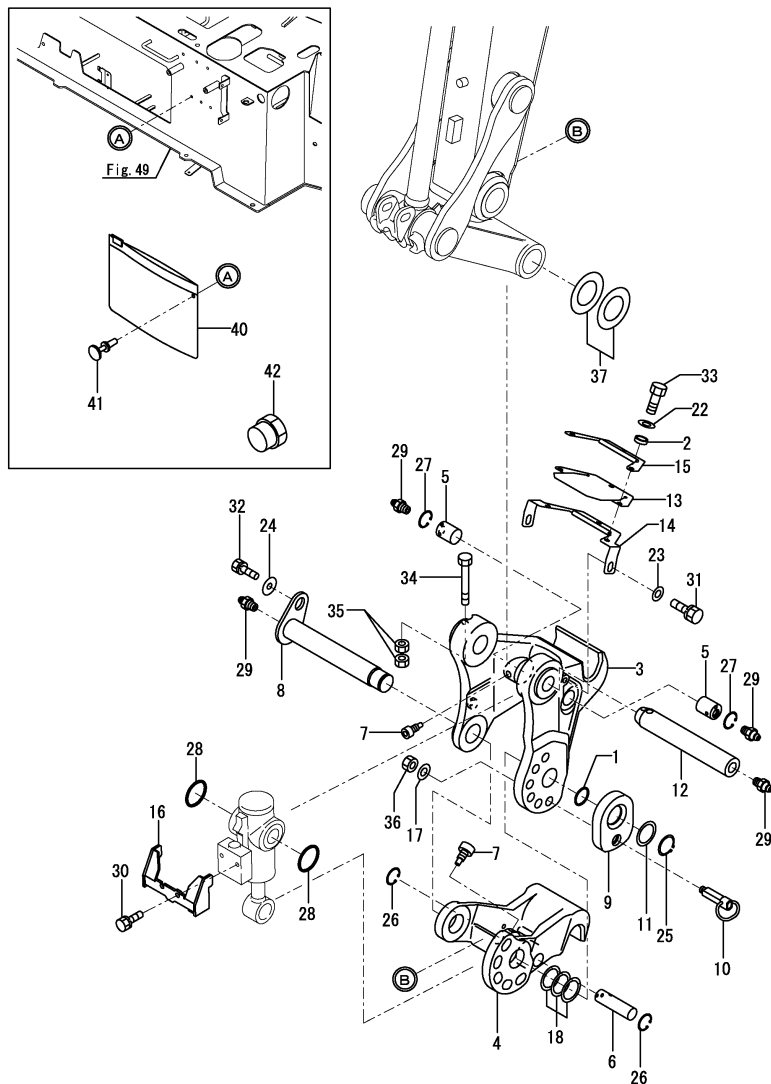
(D)=VIO27-5B(SG)

(E)=

(F)=

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
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			

Remarks
(1)Spare parts.



(3) Label is not illustrated.

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	

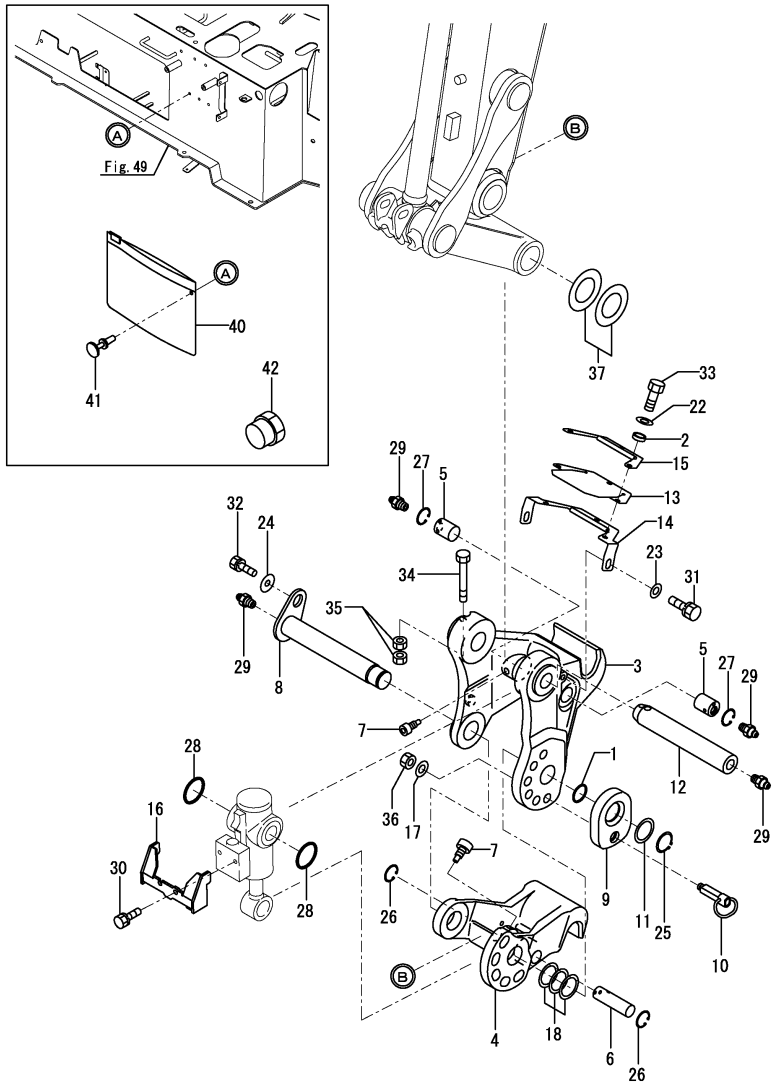
N:Old $\xleftrightarrow[\text{No}]{\text{Yes}}$ New, Q:Old $\xleftrightarrow[\text{Yes}]{\text{No}}$ New, R:Old $\xleftrightarrow[\text{Yes}]{\text{Yes}}$ New, S:Old $\xleftrightarrow[\text{No}]{\text{No}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

NO
++ CONTINUE ++

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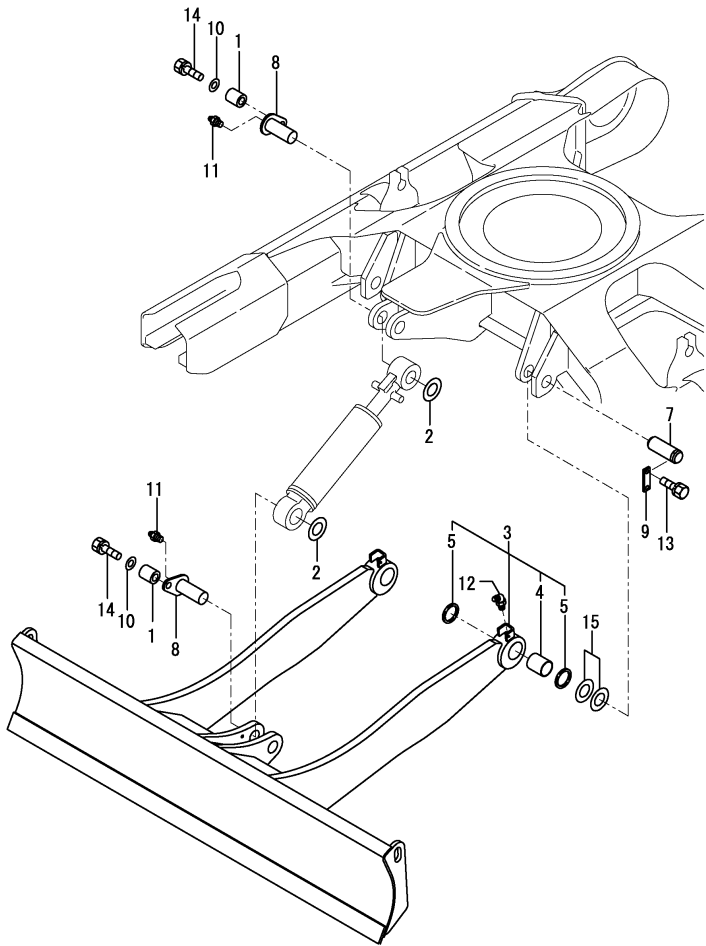
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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



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

Remarks
(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.



OCS10-M52701 Fig.111

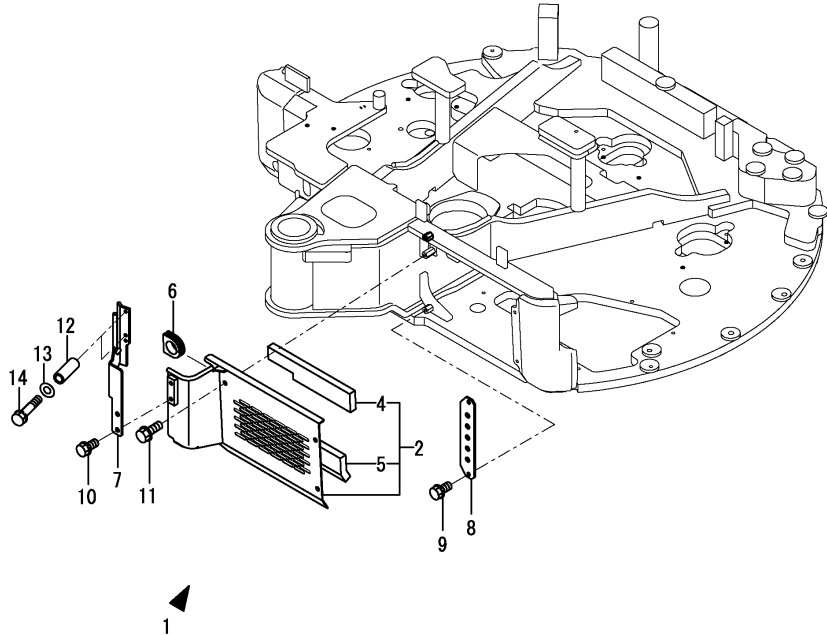
(A)=VIO27-5B(US)
(B)=VIO27-5B(AS)
(C)=VIO27-5B(NZ)

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

No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	1	172164-81670	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)

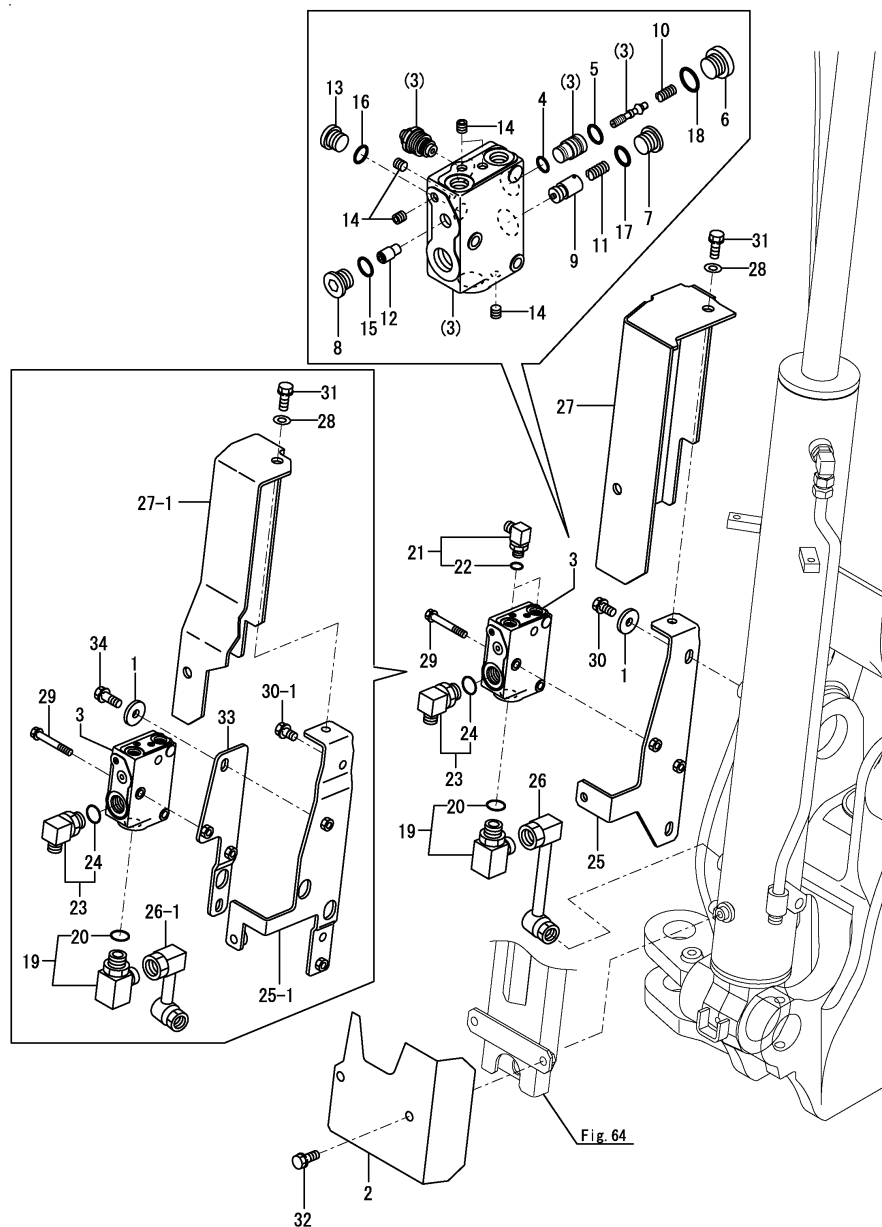


HOLDING VALVE KIT
Fig. 112 Ref. No. 1
INC. Fig. 112 Ref. No. 2~14.
Fig. 113~116.

(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						

Fig.113. HOLDING VALVE KIT(2)(OPTIONAL)



* Holding valve kit is shown in Fig.112.

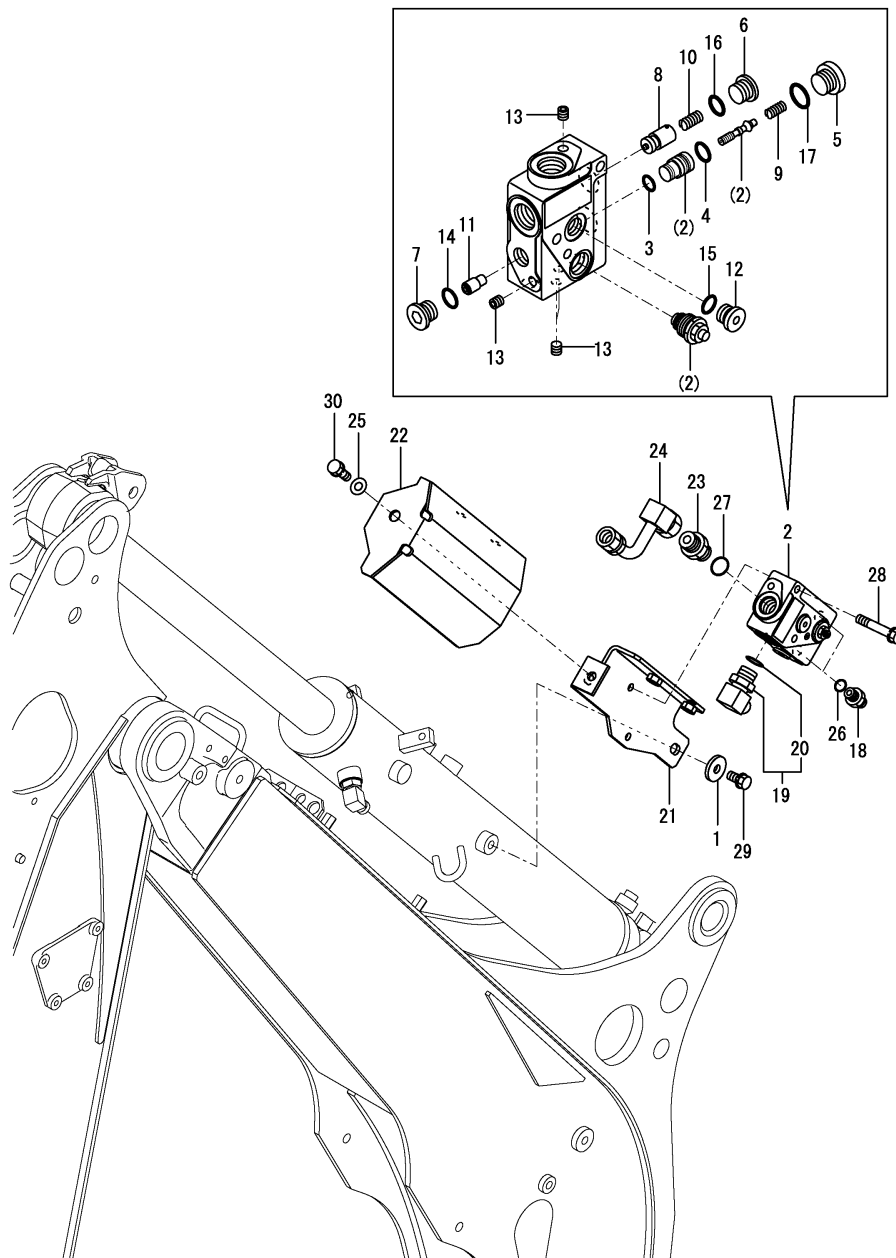
(1)Interchangeable by simultaneous replacement with Ref.No.25-1,26-1,30-1,33,34.

(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	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 (B=M53372)	BRACKET ASSY,BOOM K		1					S	
26	2	172A46-77120-1	TUBE ASSY, BOOM		1						
26-1	2	172A46-77121-1 (B=M53372)	TUBE ASSY, BOOM		1					S	
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 (B=M53372)	COVER, BOOM		1					F	1
27-2	2	172A46-77151-Y (B=M54001)	COVER, BOOM		1					S	
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 (B=M53372)	BOLT, M10X 16		2					S	
31	2	26013-100252	BOLT, M10X 25		2						
32	2	26013-100202	BOLT, M10X 20		2						
33	2	172A46-77170 (B=M53372)	BKTASSY VALVE,BOOM K		1					W	
34	2	26013-100252 (B=M53372)	BOLT, M10X 25		2					W	

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



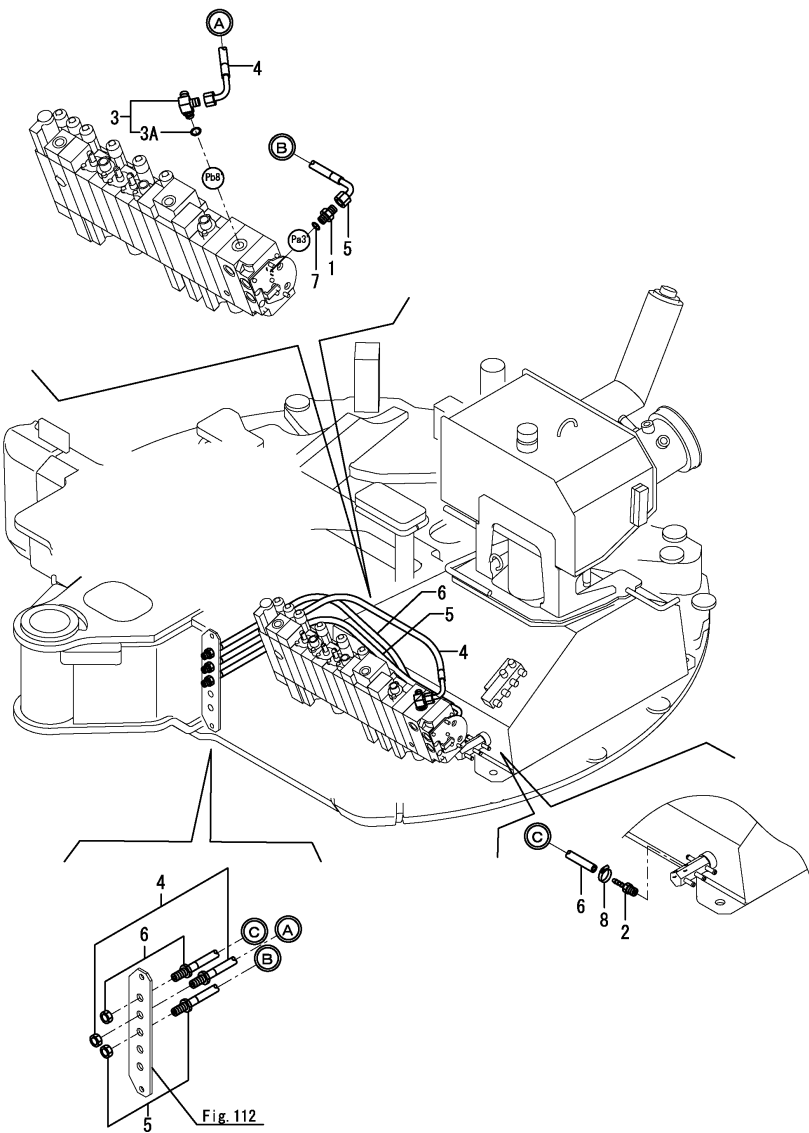
No.	Lev.	Parts No.	Description	Q'ty						I	R
				(A)	(B)	(C)	(D)	(E)	(F)		
1	2	172458-61261	WASHER		2						
2	2	172A25-74401	HOLD VALVE,BOOM&ARM		1						
3	3	172A25-74420	O-RING		1						
4	3	172A25-74430	O-RING		1						
5	3	172A25-74440	PLUG		1						
6	3	172A25-74450	PLUG		1						
7	3	172A25-74460	PLUG		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						

* Holding valve kit is shown in Fig.112.

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

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



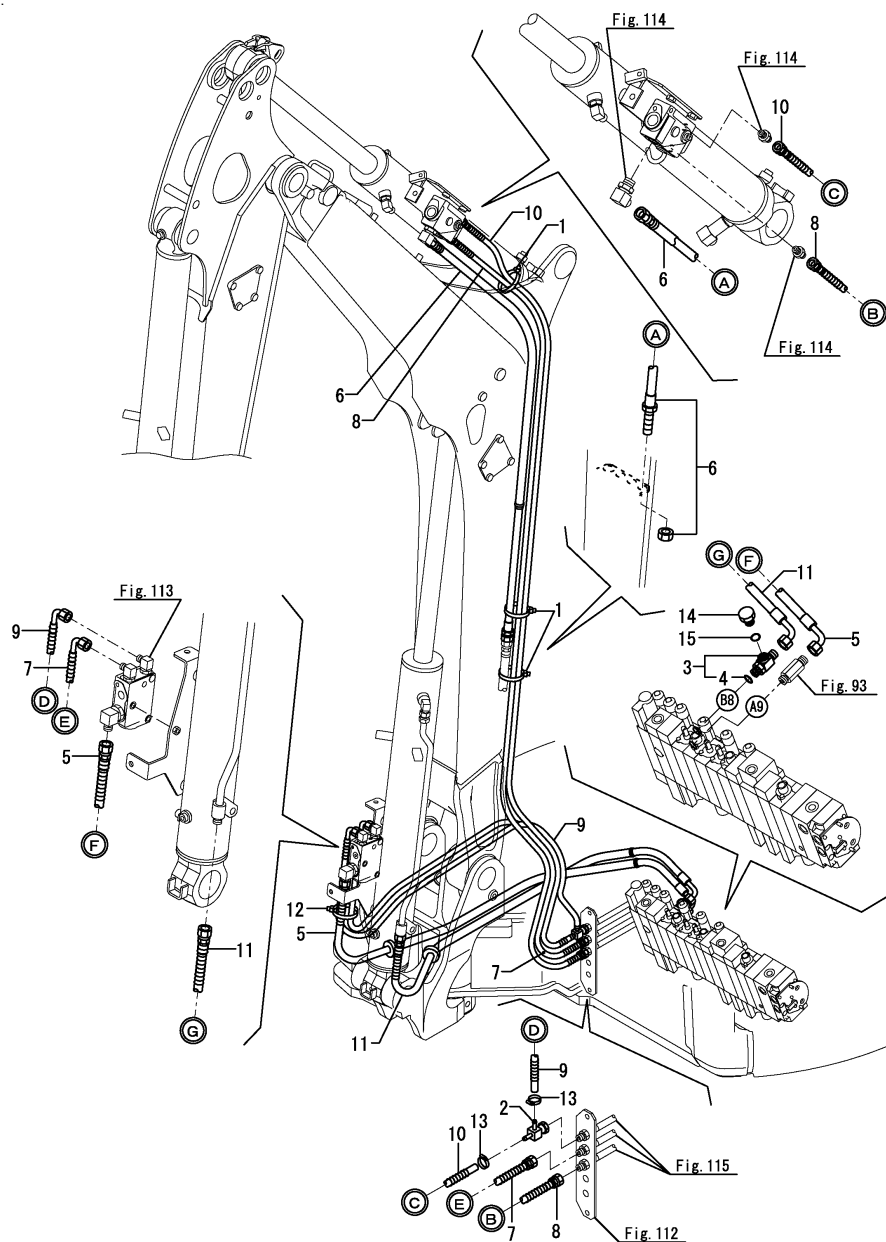
OCS10-M52701 Fig.115

(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.



No.	Lev.	Parts No.	Description	(A)	(B)	(C)	(D)	(E)	(F)	I
1	2	194202-56460	BAND, 200		3					
2	2	172A47-76320	NIPPLE		1					
3	2	172460-76700	CONNECTOR, 2X3/8X1/4		1					Z
		(B=M53001)								
4	3	24315-000140	O-RING, 1BP14.0		1					
5	2	172A46-78440	HOSE		1					
6	2	172A44-78450	HOSE H206BX121K		1					
7	2	172A46-78460	HOSE		1					
8	2	172A44-78470	HOSE H604BB246R		1					
9	2	172A46-78480	HOSE		1					
10	2	172A44-78490	HOSE G804BY245R		1					
11	2	172A46-78860	HOSE		1					
12	2	172122-79930	CLAMP, HOSE		1					
13	2	23000-013000	CLAMP, 13		2					
14	2	172165-76590	PLUG		1					Z
		(B=M53001)								
15	2	41851-000110	O-RING		1					Z
		(B=M53001)								

* Holding valve kit is shown in Fig.112.

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

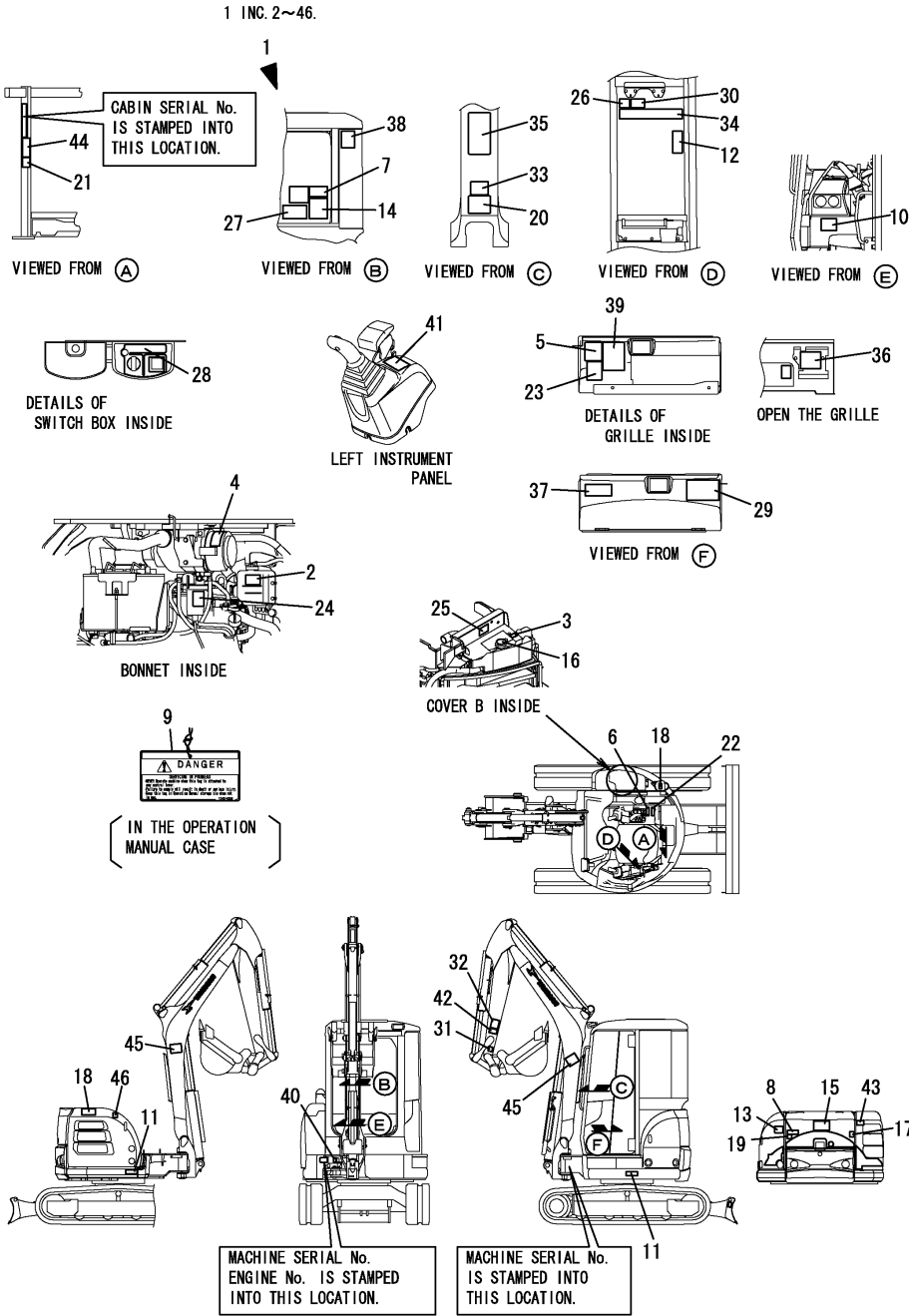
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Fig.117. LABEL(FRANCH FOR CANADA)(OPTIONAL)

(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							
12	2	172478-03290	LABEL,F/W LOWER	1							
13	2	172A37-03290	LABEL,BATTERY CA	1							
14	2	172A37-03300	LABEL,NEWTRAL CA	1							
15	2	172A37-03310	LABEL,SWING AREA CA	1							
16	2	172469-03320	LABEL,RADIATOR CAP	1							
17	2	172A37-03330	LABEL,ENGINE COVER	1							
18	2	172A37-03350	LABEL,SILENCER CA	2							
19	2	172469-03360	LABEL,OIL	1							
20	2	172A37-03360	LABEL,STERRING CA	1							
21	2	172A37-03370	LABEL,ROPS CA	1							
22	2	172A37-03400	LABEL,LEVER LOCK CA	1							
23	2	172467-03411	LABEL,GREASING CA	1							
24	2	172A07-03410	LABEL,WATER DRAIN	1							
25	2	172A37-03410	LABEL,RADIATOR CA	1							
26	2	172A37-03420	LABEL,WINDOW CA	1							
27	2	172A37-03430	LABEL,2 WAY CA	1							
28	2	172469-03480	LABEL,SWITCH	1							
29	2	172A37-03500	LABEL,SUPPORT CA	2							
30	2	172A37-03520	LABEL,PIN CA	1							
31	2	172A37-03530	LABEL,FINGER CA	1							
32	2	172469-03540	LABEL,OPERATION PIN	1							
33	2	172A37-03540	LABEL,SAND CA	1							
34	2	172469-03550	LABEL,OP HITCH	1							
35	2	172A37-03550	LABEL,WARNING HITCH	1							
36	2	172A47-03601	LABEL,FUSE CA	1							
37	2	172A84-03600	LABEL SPEC CA	1							
37-1	2	172A84-03601	LABEL SPEC CA	1							N
(A=M53001)											
38	2	172A44-03611	LABEL,LIFT Q CA	1							
39	2	172A46-03610	LABEL,OIL & WATER	1							
40	2	172A47-03610	LABEL, GREASE CA	1							
41	2	172A47-03651	LABEL,PTO CA	1							
42	2	172A37-03680	LABEL,LOCK PIN CA	1							
43	2	172A37-03710	LABEL,ENGROOM CA	1							
44	2	172A37-03720	LABEL,SEAT BELT CA	1							
45	2	172A37-03730	LABEL,BOOM CA	2							
46	2	129942-07760	LABEL, FUEL OIL NOTI	1							W
(A=M53001)											
46-1	2	129942-07761	LABEL, FUEL OIL CAUT	1							N



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

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

[illegible]

Parts No. Index

Parts No.	Fig. No.	Ref. No.
114110-07760	1	65
	2	62
	3	32
	4	31
114110-07761	52	27 E
	1	65 -1
	2	62 -1
	3	32 -1
119247-77100	4	31 -1
	52	27 E-1
	18	12
	23	8
119650-77910	18	14
119650-77911	18	14 -1
119802-55710	13	12
119802-77200	18	13
119808-12520	6	6 -1
119808-12540	6	8
119866-12530	6	7
120147-44810	28	15
121250-49121	10	6
121450-44531	10	12
121468-44510	10	10
121468-44520	10	10 -1
121468-44540	10	13
121470-44581	10	15
124450-44560	10	14
124465-44950	22	23
	27	43
	119	24
124701-11911	6	12
124766-59050	10	18
	13	15
	15	18
124970-77920	6	6
129004-12520	13	11
129100-55690	18	15
129211-77920	6	13
129400-13201	15	9
129612-52100	117	46
129942-07760	117	46 -1
129942-07761	106	2
172020-10620	102	6 -1
172110-76170	102	6
172110-76170-3	91	11
172112-77361	114	23
172112-87860	111	2
	7	8
	90	15
172116-75850-B	93	21

Parts No.	Fig. No.	Ref. No.
172117-83970-7	67	35
172122-17190	50	13 -1
		15 -1
172122-37844	30	15
		36
		13
172122-46590	34	13
	36	13
172122-57620	43	13
172122-57630	43	10
172122-57640	43	11
172122-70350	70	53
172122-70630	71	39
172122-73430	70	62
172122-73470	71	10
		40
172122-73480	70	11
172122-79890	104	25
172122-79930	90	18
	96	14
		15
	102	17
	104	26
	116	12
172122-82290	108	8
172123-76121	19	9
	91	3
	93	4
	97	5
	99	10
		10 -1
	100	30
	102	3
	104	1
	114	18
	115	1
172124-13230-3	8	9
172124-13411	10	8
172124-17640	22	12
	27	19
	119	13
	33	5
	34	12
	36	11
	110	1
	51	13
	51	14
	71	35
172124-65450	71	2
172124-65480		36
172124-70380	93	7
172124-70390		
172124-76160		

Parts No.	Fig. No.	Ref. No.
172124-94310-5	111	9
172125-03951	1	40
	2	36
	3	11
	4	10
172126-11510	6	19 A
	14	7 A
	18	1
	22	1
	27	2
		3
	119	1
	19	23
172126-16540	56	25
	106	22
172137-12270	7	7
172137-14610	13	9
172137-16560	20	6
	27	7
172137-17631	22	10
	27	17
172137-46042	119	11
	8	11
	64	1
	65	1
	66	1
	21	18
	106	25
	45	3
172137-66230	47	14
172137-69850	72	5
172137-73860	102	9
172137-76580	22	2
172141-13490	27	4
	119	2
172141-37320	29	6
	123	3
172141-41340	7	9
	34	1
172141-41360	36	5
	37	3
	49	4
	33	3
172141-41370	34	3
		6
	40	3
	45	21
172141-50762-3	45	21 -1
172141-50763-1	70	48
172141-70110	70	50
172141-70150		

Parts No.	Fig. No.	Ref. No.
172141-70160	70	51
172141-70370	70	3
172141-70440	70	42
172141-70450	70	4
172141-70460	70	5
172141-70470	70	6
172141-72190	65	8
	68	3
172141-72250	66	8
	67	2
	66	9
	68	5
172141-72690	66	32
172141-73090	90	6
172141-73770	19	10
172141-76181	67	27
	92	9
	93	9
	95	1
	96	1
	97	8
	99	11
		11 -1
	100	9
	102	7
	113	21
	96	5
172141-76220	100	12
	115	2
172141-76900	113	19
172141-76920	103	6
172141-84601	110	18
172142-45870	36	10
172142-57610	43	9
172142-72260	64	33
172142-73800	72	7
172142-74670	99	7
172142-76181	64	38
	65	32
	66	35
	93	11
	95	3
	96	3
172142-76240	100	13
172142-76940-2	101	10
172142-76940-Y	101	10 -1
172142-81620	107	7
172142-82310	105	4
172142-94241-W	111	8
172146-45691	34	9

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172146-73730	90	28
172146-82910	101	13
	106	15
172147-13150	101	1
172147-13151	101	1 -1
172147-70120	70	49
172147-70220	70	2
172147-70280	71	32
172147-70330	71	34
172147-70331	71	34 -1
172147-70390	71	37
172147-70500	71	38
172147-70580	70	78
172147-70600	70	79
172147-70610	70	80
172148-70301	70	17 -1
		52
	71	33
172148-72050	65	7
172148-73870	72	9
172149-66550	61	13
	101	22
172151-72870	67	15
172151-72880	65	27
172151-76990-2	101	11
172151-76990-Y	101	11 -1
172155-83170	9	30
172156-03740	1	39
	2	35
	41	18 A
172156-72400	69	2
172156-72770	69	4
172157-76300	113	23
	114	19
172162-13200	8	7
172162-14200	12	10
172162-18040	25	2
172162-46210	36	12
172162-46690	33	10
172162-65650	49	42
172162-69050	53	21
172162-69470	57	22
172162-69480	57	23
172162-69490	57	24
172162-69500	57	25
172162-69510	57	26
172162-69520	57	27
172162-69542	57	29
172162-69543	57	29 -1
172162-70760	70	81

Parts No.	Fig. No.	Ref. No.
172162-76131	93	5
172162-76141	101	4 -1
172164-19310	24	13
172164-45970	35	2
172164-62430	67	40
172164-62431	67	40 -1
172164-65710	49	11
	53	3
172164-66170	46	15
	51	15
	57	6
172164-76330	104	27
172164-81670	106	5
	107	8
	111	1
172164-81700	109	3
172164-81820-1	108	1
172164-81820-Y	108	1 -1
172165-12140	7	6
172165-18601	24	9
172165-18630	24	11
172165-18670	24	12
172165-45490	40	1
172165-45970	32	2
172165-47550	33	12
172165-62800	45	15
	112	6
172165-69190	53	22
172165-71200	63	2
	118	2
172165-72310	67	9
172165-76590	90	16
	116	14
172165-82520	64	49
	106	11
172165-82530	64	50
	106	12
172165-82580	67	33
	106	13
	107	11
172165-82590	67	34
	106	14
	107	12
172168-13250	8	10
172168-17601	22	9
	27	16
	119	10
172168-54750	41	8
172168-54760	41	9
172168-71101-4	63	1

Parts No.	Fig. No.	Ref. No.
172168-71101-4	118	1
172168-71951	70	7
172168-72240	66	23
		27
	111	4
	124	8
		10
172168-72410	65	11
	68	9
		14
172168-76162	93	8
172168-76370	100	16
172168-81270	66	25
		29
	107	3
	108	6
		8 -1
	111	5
	124	17
172168-84411	108	10
172173-73440	70	82
172173-74280	73	13
		26
	75	7
	80	13
		26
	82	7
172173-76102	91	1
	97	3
172175-13110	8	5
172175-72550	68	4
172175-73700	90	4
172175-73710	90	5
172175-76420	25	17
172175-81700	105	1
	106	6
172175-81710	105	2
	106	7
172176-67181	59	12
	121	12
172176-67880	59	13
	121	13
172183-03280	1	4
	2	3
	32	9 A
	33	24 A
172183-05330	90	26
172183-14250	12	18
172183-16560	22	36
	27	8

Parts No.	Fig. No.	Ref. No.
172183-16560	91	17
	119	5
172183-73510	70	66
172183-73520	70	67
172183-73560	70	68
172183-73570	70	69
172183-73660	70	70
172183-73670	70	16
172183-73770	70	17
172183-73780	70	18
172183-73810	70	87
172183-73870	70	19
172183-74350	73	27
	77	25
	79	2
	80	27
	84	25
	86	2
172183-74821-3	101	3
172183-74822-3	101	3 -1
172183-74822-Y	101	3 -2
172183-75410	90	30
172183-76180	91	4
172183-76200	93	15
172183-81160	106	39
		40
	107	20
172186-76430	99	20
172187-17070	17	2
172187-17080	17	3
172187-17090	17	4
172187-17100	17	1
172187-17101	17	1 -1
172187-17280	48	1
172187-17290	48	9
172187-17540	20	4
172187-17560	48	3
		11
172187-17570	48	4
		12
172187-45870	34	10
172187-45880	34	11
172187-53321	41	3
172187-61421	46	7
	49	15
172187-64900	21	20
172187-75500	90	31
172190-16500	56	23
172192-76340	93	20
	100	31

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172312-17250	53	1
172312-74790	70	20
		21
172421-73400	70	9
172421-73440	70	92
172421-73450	70	38
172422-37310	29	5
172422-37780	30	13
		34
172422-72470	64	36
172422-72791-2	68	1
172422-73130	63	12
	118	32
172422-73140	63	19
	118	4
172422-73160	63	20
	118	5
172422-73170	63	68
	118	59
172422-73220	63	21
	118	6
172422-73250	63	13
	118	33
172422-73280	63	22
	118	7
172422-73290	63	23
	118	8
172422-73500	63	24
	118	9
172422-73510	63	69
	118	60
172422-73520	63	42
	118	10
172422-73530	63	43
		44
	118	11
		12
172422-73540	63	45
	118	13
172422-73550	63	26
		46
	118	14
		44
172422-73560	63	48
	118	16
172422-73570	63	70
	118	61
172422-73580	63	51
	118	19
172422-73590	63	53

Parts No.	Fig. No.	Ref. No.
172422-73590	118	21
172422-73610	63	56
	118	24
172422-73620	63	27
	118	45
172422-73630	63	28
	118	46
172422-73640	63	30
	118	48
172422-73650	63	32
	118	50
172422-73660	63	33
	118	51
172422-73670	63	34
	118	52
172422-73700	63	67
	118	58
172422-76100	63	3
	118	68
172422-76130	93	6
172422-76180	91	5
	93	13
	100	11
172422-78390	97	18
172422-94210	111	7
172423-37370	30	5
		29
172423-73530	71	42
172425-17630	22	11
	27	18
	119	12
172434-61190	90	3
172437-03242	1	3
	2	54
	49	45 E
172437-03252	1	41
	2	37
	3	12
	4	11
172437-03302	1	42
	2	38
	3	13
	4	12
	49	44 A
172437-03312	1	43
	2	39
	3	14
	4	13
	54	48 A
	61	14 C

Parts No.	Fig. No.	Ref. No.
172437-03322	1	44
	2	40
	3	15
	4	14
	51	27 A
172437-03343	1	45
	2	41
	3	16
	4	15
	59	23 A
	61	14 D
172437-03352	1	46
	2	42
	3	17
	4	16
	45	36 A
		37 A
172437-03361	1	47
	2	43
	3	18
	4	17
	52	26 A
172437-03372	1	48
	2	44
	3	19
	4	18
	54	48 B
	61	14 E
172437-03381	1	49
	2	45
	3	20
	4	19
	51	27 B
172437-03391	1	50
	2	46
	3	21
	4	20
	9	34 B
	27	1 E
172437-03402	1	51
	2	47
	3	22
	4	21
	51	27 C
172437-03422	1	52
	2	48
	3	23
	4	22
	46	33 A
	52	27 B

Parts No.	Fig. No.	Ref. No.
172437-03432	1	53
	2	49
	3	24
	4	23
	106	43 C
172437-03441	1	54
	2	50
	3	25
	4	24
	53	33 A
	61	14 F
172437-03451	1	55
	2	51
	3	26
	4	25
	53	33 B
	61	14 G
172437-03461	1	56
	2	52
	3	27
	4	26
	106	42 A
172437-03471	1	57
	2	53
	3	28
	4	27
	49	44 B
172437-03501	1	37
	2	33
	52	27 D
172437-03511	1	38
	2	34
	106	42 B
	111	18 A
172437-03551	1	8
	3	3
	55	21 A
172437-03601	1	62
	2	59
	3	29
	4	28
	54	48 C
	61	14 H
	87	2
172441-37301-2	29	3
172441-37302	29	3 -1
		3 -2
172441-44320	39	1
172441-74030	89	2
		15

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172441-74040	89	3
		16
172441-74050	89	4
172444-03290	88	8
172444-13210	10	4
172444-13220	10	5
172444-14130	12	23
172444-14200	12	11
172444-14450	12	12
172444-14460	12	13
172444-14470	12	14
172444-14480	12	15
172444-14490	12	16
172444-17620	49	47
172444-65190	51	9
172444-65610	49	10
172444-68650	25	26
	50	13
		15
	53	34
172444-72940	68	17
172444-72961	65	21
	68	24
172444-73803	72	1
172444-73810	72	2
172444-73831	72	3
172444-73840	72	4
172444-73880	72	6
172444-81310	107	4
172445-18131	24	4
172445-66750	54	6
172445-69320	57	18
172445-69400	57	19
172445-69420	57	21
172445-69740	54	25
172446-13530	11	4 A
172446-13580	49	13
172446-14250	49	1
172446-49280	9	16
	11	7
172446-75250	90	8
172447-13550	25	1
	26	2
	120	2
172447-14160	12	9
172447-14310	12	4
172447-73840	72	8
172447-74221	74	14
	77	14
	81	14

Parts No.	Fig. No.	Ref. No.
172447-74221	84	14
172447-74230	76	1
	83	1
172447-75600	90	10
172448-54120	64	8
		26
	107	2
172448-72650	65	12
		26
	67	4
		10
	68	10
		15
172448-82570	109	19
		25
172448-82580	109	21
		26
172448-82590	109	22
		27
172448-82950	109	18
172448-82960	109	20
172449-74720	99	8
172450-73120	63	59
	118	40
172450-73130	63	60
	118	41
172450-73330	70	55
172450-73490	70	12
172450-73501	70	13
172450-73510	70	14
172450-73551	70	15
172450-73620	70	28
172450-73751	71	15
172450-73830	71	5
172450-73850	71	6
172450-73860	71	7
172450-73870	71	8
172450-77050	71	53
172450-77070	71	54
172450-77080	71	55
172450-77090	71	56
172450-77110	71	57
172450-77120	71	58
172450-77130	71	59
172450-77140	71	60
172450-77170	71	61
172450-77190	71	62
172450-77220	71	69
172455-13620	11	5 -1
172455-18860	49	14

Parts No.	Fig. No.	Ref. No.
172455-29140	71	72
172455-46890	33	11
172455-53331	41	4
172455-61720	15	21
172455-66750	54	6 -1
172455-67310	53	8
172455-67320	53	9
172455-67330	53	10
172455-67340	53	11
172455-67350	53	12
172455-67360	53	13
172455-67440	53	14
172455-67550	55	10
172455-67610	54	34
172455-67710	54	35
172455-67770	54	41
172455-67870	56	7
172455-67880	56	8
172455-67900	56	9
172455-67910	56	11
		12
172455-67930	56	10
172455-67971	56	13
172455-69140	58	7
172455-69170	57	16
172455-69200	58	8
172455-69250	58	9
172455-69290	58	10
172455-69300	57	17
172455-69410	56	16
172455-69490	56	17
172455-69520	57	28
172455-75290	90	11
172455-75300	90	12
172455-76160	100	8
172455-76220	104	4
172455-77140	113	13
	114	12
172455-77150	113	14
	114	13
172456-53700	19	22
172456-72190	66	7
172456-73350	70	56
172456-73351	70	56 -1
172456-73360	70	57
172456-73370	70	58
172456-73380	70	59
172456-73390	70	60
172456-73420	70	61
172456-73430	70	63

Parts No.	Fig. No.	Ref. No.
172456-73440	70	64
172456-73450	70	65
172456-73980	70	59 -1
172456-74440	73	48
	80	48
172457-29100-2	29	1
172457-38101	31	1
172457-38121	31	12
172457-38600	31	23
172457-61100-2	45	22
172457-72900-2	68	2
172457-72930	68	13
172457-72950	68	23
172457-73701	70	1
172457-73720	70	47
172457-73730	70	71
172457-73740	70	72
172457-73750	70	76
172457-73760	70	77
172457-73770	70	73
172457-73800	70	92 -1
172457-78211	97	14
172457-78221	97	15
172457-78231	97	16
172457-78241	97	17
172457-81880	107	9
172458-03220	1	33
	2	29
	49	44 C
172458-03240	1	18
	2	14
	110	43 A
172458-03310	53	5
172458-03601	1	9
	57	38 A
172458-13100	8	3
172458-14203	12	17
172458-14370	12	20
172458-14380	12	30
	41	5
172458-16140	14	3
172458-16550	15	3
172458-16562	61	1
172458-16612	56	1
172458-16620	56	2
172458-17210	56	3
172458-17220	56	4
172458-17230	56	5
172458-17410	61	4
172458-17420	56	14

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-17450	20	3
172458-17551	22	8
	119	9
172458-18660	27	38
172458-18850	90	27
172458-37101-2	30	3
172458-37102	30	3 -1
172458-37120	30	6
		24
172458-37130	30	7
		25
172458-37131	30	7 -1
		25 -1
172458-37150	30	8
		26
172458-37151	30	8 -1
		26 -1
172458-37171-2	30	27
172458-37172-1	30	27 -1
172458-37500-2	29	13
172458-37570	29	15
172458-37580	29	16
172458-37590	29	17
172458-37700	30	12
		33
172458-38110-2	31	2
172458-38130-2	31	13
172458-38201	31	8
		19
		25
		27
172458-38210	31	9
		20
172458-38220	31	10
		21
172458-38230	31	11
		22
172458-38300-2	31	24
172458-38310-2	31	26
172458-45950	37	7
172458-50480-2	43	2
172458-50800-2	43	5
172458-50810-2	43	6
172458-54750	41	17
	45	30
172458-57600-2	43	8
172458-61261	52	25
		28
	113	1
	114	1

Parts No.	Fig. No.	Ref. No.
172458-61500	9	12
172458-62430	47	3
172458-63580	53	2
172458-63641	27	45
	104	7
172458-63670	54	2
	57	3
172458-63680	54	3
172458-63700	55	1
172458-63730	54	4
	55	2
172458-63760	54	33
172458-63770	55	3
172458-63790	54	5
172458-63800	55	4
172458-63930	57	4
172458-63950	55	5
	57	5
172458-63960	55	6
172458-63970	55	7
172458-63980	55	8
172458-63990	55	9
172458-64600	59	11
	121	11
172458-65050	51	2
172458-65060	51	3
172458-65271	51	10
172458-66720	57	11
172458-66780	58	3
172458-66790	58	4
172458-66800	58	5
		6
172458-67020	57	12
172458-67340	54	7
172458-67440	54	8
172458-67510	54	9
172458-67520	54	10
172458-67550	54	11
172458-67570	54	12
172458-67610	54	13
172458-67650	57	13
172458-67670	54	14
172458-67680	54	15
172458-67830	54	36
172458-67840	53	15
172458-67850	54	16
172458-67860	54	37
172458-67870	54	17
172458-67880	54	38
172458-67900	54	18

Parts No.	Fig. No.	Ref. No.
172458-67910	54	39
172458-67920	54	19
172458-67960	53	16
172458-67970	53	17
172458-67981	53	18
172458-68070	53	20
172458-68851	55	11
172458-68990	59	14
172458-68991	59	14 -1
	121	14
172458-69000	59	15
	121	15
172458-69090	55	12
172458-69100	57	15
172458-69170	57	36 -1
172458-69210	55	13
172458-69220	55	14
172458-69230	55	15
172458-69240	55	16
172458-69250	54	40
172458-69260	54	42
172458-69270	54	43
172458-69320	56	15
172458-69400	57	20
172458-69580	57	30
172458-69590	58	11
172458-69601	58	12
172458-69730	58	13
172458-69760	58	14
172458-69770	58	15
172458-69790	53	23
172458-69830	53	24
172458-69900	57	31
172458-69910	57	32
172458-69920	58	16
172458-69930	53	25
172458-69960	58	17
172458-69990	58	18
172458-72130	64	10
		27
172458-72260	64	34
172458-72290	64	35
172458-72690	68	8
172458-72740	67	6
172458-73501	118	3
172458-73510	63	11
	118	31
172458-73520	63	18
	118	38
172458-73530	63	14

Parts No.	Fig. No.	Ref. No.
172458-73530	118	34
172458-73540	63	15
	118	35
172458-73550	63	47
	118	15
172458-73560	63	49
	118	17
172458-73570	63	50
	118	18
172458-73580	63	52
	118	20
172458-73590	63	54
	118	22
172458-73600	63	55
	118	23
172458-73611	63	57
172458-73612	63	57 -1
	118	39
172458-73620	118	43
172458-73621	118	43 -1
172458-73630	63	29
	118	47
172458-73640	63	31
	118	49
172458-73660	63	61
	118	25
172458-73670	63	16
	118	36
172458-73680	63	39
	118	56
172458-73690	63	40
	118	57
172458-73712	71	1
172458-73790	63	41
172458-73960	71	28
172458-73970	71	9
172458-73980	71	10
172458-73990	71	11
172458-74130	74	16
	75	19
	76	3
	81	16
	82	19
	83	3
172458-74140	74	17
	75	20
	76	4
	81	17
	82	20
	83	4

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172458-74150	73	7
	74	3
	76	5
	77	2
	78	3
		18
	80	7
	81	3
	83	5
	84	2
172458-74160	85	3
		18
	73	8
	74	4
	76	6
	77	3
	78	4
		19
	80	8
	81	4
172458-74170	83	6
	84	3
	85	4
		19
	74	19
	75	22
	76	7
	81	19
	82	22
	83	7
172458-74230	73	11
	74	7
	75	3
	76	18
	77	6
		20
	78	8
		21
	80	11
	81	7
172458-74240	82	3
	83	18
	84	6
		20
	85	8
		21
	76	19
	78	22
	83	19
	85	22

Parts No.	Fig. No.	Ref. No.
172458-74250	76	20
	78	23
	83	20
	85	23
172458-74260	73	12
	74	8
	75	6
	76	21
	77	7
		22
	78	9
		24
	80	12
	81	8
172458-74290	82	6
	83	21
	84	7
		22
	85	9
		24
	74	21
	75	24
	77	24
	81	21
172458-74310	82	24
	84	24
	71	45
	71	46
	71	47
	71	48
	71	14
	74	22
	75	25
	77	26
172458-74360	81	22
	82	25
	84	26
	73	16
	74	10
	77	10
		27
	78	10
	79	2 B
		3
172458-74460		26
	80	16
	81	10
	84	10
		27
	85	10

Parts No.	Fig. No.	Ref. No.
172458-74460	86	2 B
		3
		26
	75	11
	82	11
	75	12
	82	12
	75	13
	82	13
	73	17
172458-74530	74	11
	76	10
	77	11
	78	12
		25
	80	17
	81	11
	83	10
	84	11
	85	12
172458-74550		25
	74	23
	75	26
	77	28
	81	23
	82	26
	84	28
	76	27
	83	27
	75	14
172458-74630	77	29
	82	14
	84	29
	75	17
	82	17
	78	15
	85	15
	73	22
	76	15
	77	15
172458-74640	80	22
	83	15
	84	15
	71	73
	92	7
	104	15
	106	4
	107	6
	108	7
	106	8
172458-74650		
172458-74670		
172458-74680		
172458-74700		
172458-74710		
172458-74910		
172458-76160		
172458-78571		
172458-81400		
172458-81630		
172458-81800		

Parts No.	Fig. No.	Ref. No.
172458-81831	64	47
172458-81860	108	2
172458-81890	108	3
172458-81930-W	67	32
172458-81931	67	32 -1
172458-82231	109	16
		24
172458-82240-3	109	11
172458-82240-4	109	11 -1
172458-82260-3	109	12
172458-82260-4	109	12 -1
172458-82280	109	13
172458-82290	109	14
172458-82300-2	105	3
172458-82300-Y	105	3 -1
172458-82320	105	6
172458-82330	105	7
172458-82500-3	109	9
172458-82500-N	109	9 -1
172458-82580-3	109	10
172458-82580-N	109	10 -1
172458-82600-2	108	4
172458-82600-Y	108	4 -1
172458-82651-2	108	5
172458-82651-Y	108	5 -1
172458-83710	107	13
172459-67810	54	1
172459-67821	57	1
172459-67831	57	2
172459-67841	58	1
172459-72760	67	7
172459-73740	71	43
172460-18100	24	2
172460-18120	24	3
172460-18250	25	3
172460-19180	52	8
172460-37750	30	14
		35
172460-72050	67	17
172460-72070	66	11
172460-76560	91	6
172460-76570	91	9
172460-76700	116	3
172462-03320	1	35
	2	31
	10	28 A
172463-03290	1	34
	2	30
	51	27 E
172463-03320	1	6

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172463-03320	55	21 C
172463-69150	54	20
172463-69160	54	21
172463-69190	54	22
172463-69200	54	23
172463-69210	54	24
172463-74521	89	1
172463-74530	89	5
		19
172463-74540	89	6
		20
172463-74551	89	7
		21
172463-74561	89	8
		22
172463-74570	89	9
		23
172463-74580	89	18
172467-03150	1	12
	2	8
	49	45 C
172467-03151	1	12 -1
	2	8 -1
	49	45 C-1
172467-03411	117	23
172467-64101	50	1
172467-64110	50	1 A
172467-64120	50	1 B
172467-64130	50	1 C
172467-64140	50	1 D
172467-64150	50	1 E
172467-64160	50	1 F
172467-64170	50	1 G
172467-64180	50	1 H
172467-64190	50	1 I
172467-66300-1	61	6
172467-66301-1	61	6 -1
172469-03261	117	9
172469-03320	117	16
172469-03360	117	19
172469-03480	117	28
172469-03540	117	32
172469-03550	117	34
172472-03141	1	2
	2	2
	3	1
	4	1
	49	45 A
	61	14 A
172472-03230	1	17

Parts No.	Fig. No.	Ref. No.
172472-03230	2	13
	107	21 C
172472-03241	1	19
	2	15
	3	4
	4	3
	49	44 D
	55	21 B
172472-03250	1	20
	2	16
	49	44 E
	55	21 D
172472-03261	1	21
	2	17
	3	5
	4	4
	107	21 A
172472-03271	1	22
	2	18
	3	6
	4	5
	106	43 A
172472-03281	1	23
	2	19
	3	7
	4	6
	106	43 B
172472-03290	1	24
	2	20
	21	2
172472-03300	1	25
	2	21
	21	3
172472-03330	1	27
	2	23
	3	30
	4	29
	107	21 B
172472-16610	28	1
172472-17300	48	10
172472-17610	28	2
172472-17620	56	6
172472-17650	28	5
172472-66611-2	55	18
172478-03290	117	12
172478-17200	19	4
172478-17201	19	4 -1
172478-65750	5	1
	51	26
172478-68600	5	2

Parts No.	Fig. No.	Ref. No.
172478-68600	54	45
172478-68610	5	3
	54	46
172478-68620	5	4
	54	47
172478-68870	40	9
172478-68890	40	10
172478-73600	103	2
172478-73630	103	3
172478-76200	103	5
172480-62900	52	17
172480-78940	103	8
172487-72021	64	12
172490-03200	1	31
	2	27
	54	48 D
	61	14 J
172490-13110	8	6
172490-13111	8	6 -1
172490-13112	8	6 -2
172490-37320	29	11
	123	10
172490-74310	76	22
	83	22
172490-74320	76	24
	83	24
172490-74330	76	25
	83	25
172491-18620	24	10
172491-76330	115	3
172499-13750	26	3
	120	3
172499-70180	73	6
		24
	75	2
	80	6
		24
	82	2
172499-74860	77	30
	84	30
172499-74960	77	33
	84	33
172511-17351	19	5
172519-61550	22	17
		25
	26	10
		17
	119	18
		26
	120	10

Parts No.	Fig. No.	Ref. No.
172519-61550	120	17
172519-63240	25	16
	39	4
		5
	48	7
	53	7
	58	2
172527-13320	45	33
	112	12
172531-03030	1	10
	2	6
	106	42 C
172534-76760	100	17
172633-76160	101	4
172638-73330	70	8
172638-73470	71	41
172644-76161	97	6
172645-76560	65	33
172648-16600	23	2
172653-16100	14	4
172730-05250	43	4
172730-61890	46	30
	49	2
172730-75141	64	37
	92	1
	93	1
	97	1
		2
172734-41300	36	2
172734-65270	51	11
172958-03160	1	15
	2	11
	110	44 A
172958-05100	110	40
172958-05110	110	41
172958-17110	21	1
172958-17111	21	1 -1
172958-17121	110	2
172958-17140	21	7
172958-17150	21	8
172958-17160	21	9
172958-17170	21	10
172958-17180	21	11
172958-17190	21	12
172958-17200	21	13
172958-17210	21	14
172958-17220	21	15
172958-64500	21	19
172958-72750	69	3
172958-72760	69	6

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172958-72770	69	11
172958-72801-2	69	1
172958-72801-N	69	1 -1
172958-72811-1	69	14
172958-72811-N	69	14 -1
172958-72860	69	17
172958-72890	69	20
172958-72950	69	21
172958-72960	69	22
172958-72970	69	16
172958-72982-2	69	23
172958-72983	69	23 -1
172958-72983-N	69	23 -2
172958-73501	63	10
172958-73510	63	25
172958-73511	63	25 -1
172958-76102-2	102	2
172958-76102-Y	102	2 -1
172958-76130	102	4
	104	2
172958-78200	102	10
172958-78210	102	11
172958-81590	109	1
172958-81600	109	2
172958-81903-2	102	18
172958-81904	102	18 -1
172958-81904-Y	102	18 -2
172958-83102-2	110	3
172958-83102-Y	110	3 -1
172958-83111-2	110	4
172958-83111-Y	110	4 -1
172958-83120	110	5
172958-83130	110	6
172958-83131	110	6 -1
172958-83140	110	7
172958-83150	110	8
172958-83171-2	110	9
172958-83171-Y	110	9 -1
172958-83183	110	10
172958-83220	110	12
172958-83252	110	13
172958-83271-2	110	14
172958-83271-Y	110	14 -1
172958-83281-2	110	15
172958-83281-Y	110	15 -1
172958-83292-2	110	16
172958-83292-Y	110	16 -1
172958-83320	20	8 -2
172958-83330	110	17
172960-83210	110	11

Parts No.	Fig. No.	Ref. No.
172989-68640	51	8
172A07-03160	1	13
	2	9
	13	24 A
172A07-03410	117	24
172A23-70210	124	12
172A23-70600	124	2
172A23-70610	124	3
172A23-70620	124	4
172A23-71460	124	15
172A23-71470	124	21
172A23-71480	124	22
172A23-72043	64	2
	65	2
	66	2
	124	26
172A23-72052	64	3
	65	3
	66	4
	124	27
172A23-72081	64	5
	65	5
	66	5
	124	29
172A24-72900-2	65	38
172A24-72900-N	65	38 -1
172A24-72951-2	65	39
172A24-72951-N	65	39 -1
172A24-94101-2	111	3
172A25-68301-1	62	1
172A25-68500	62	2
172A25-72900-2	66	39
172A25-72900-N	66	39 -1
	124	32
172A25-72951-2	64	45
	66	40
172A25-72951-N	64	45 -1
	66	40 -1
	124	33
172A25-74401	113	3
	114	2
172A25-74420	113	4
	114	3
172A25-74430	113	5
	114	4
172A25-74440	113	6
	114	5
172A25-74450	113	7
	114	6
172A25-74460	113	8

Parts No.	Fig. No.	Ref. No.
172A25-74460	114	7
172A25-74470	113	9
	114	8
172A25-74480	113	10
	114	9
172A25-74490	113	11
	114	10
172A25-74501	113	12
	114	11
172A25-77370-2	114	24
172A25-77370-Y	114	24 -1
172A25-81900	67	30
	107	10
172A36-03411	1	7
	2	5
	3	2
	4	2
	52	27 A
172A37-03150	117	2
172A37-03160	117	3
172A37-03180	117	4
172A37-03220	117	5
172A37-03231	117	6
172A37-03241	117	7
172A37-03250	117	8
172A37-03271	117	10
172A37-03280	117	11
172A37-03290	117	13
172A37-03300	117	14
172A37-03310	117	15
172A37-03330	117	17
172A37-03350	117	18
172A37-03360	117	20
172A37-03370	117	21
172A37-03400	117	22
172A37-03410	117	25
172A37-03420	117	26
172A37-03430	117	27
172A37-03500	117	29
172A37-03520	117	30
172A37-03530	117	31
172A37-03540	117	33
172A37-03550	117	35
172A37-03680	117	42
172A37-03710	117	43
172A37-03720	117	44
172A37-03730	117	45
172A38-03201	1	29
	2	25
	3	9

Parts No.	Fig. No.	Ref. No.
172A38-03201	4	8
	10	29 A
172A38-03211	1	32
	2	28
	3	10
	4	9
	9	34 A
	27	1 D
172A44-03151	1	11
	2	7
	52	26 B
172A44-03152	1	11 -1
	2	7 -1
	52	26 B-1
172A44-03171	1	16
	2	12
	52	27 C
172A44-03172	1	16 -1
	2	12 -1
	52	27 C-1
172A44-03352	1	28
	2	24
	3	8
	4	7
	55	22 A
	61	14 B
172A44-03611	117	38
172A44-08520	112	1
172A44-08521	112	1 -1
172A44-08521-Y	112	1 -2
172A44-16550	20	1
172A44-50101	43	1
172A44-53310	41	1
172A44-54090	41	6
172A44-72101-2	64	6
172A44-72101-N	64	6 -1
172A44-72110-2	64	7
172A44-72110-N	64	7 -1
172A44-72150	64	15
172A44-72160	64	11
172A44-72170-2	64	24
172A44-72170-N	64	24 -1
172A44-72201	64	25
172A44-72230	65	27 -1
172A44-72250	64	29
172A44-72300-2	65	6
172A44-72300-N	65	6 -1
172A44-72310-2	65	9
172A44-72310-N	65	9 -1
172A44-72340	65	13

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A44-72350	65	14
172A44-72400	65	24
172A44-72450	65	28
172A44-74101	73	1
172A44-74102	73	1 -1
172A44-74111	80	1
172A44-74112	80	1 -1
172A44-74121	74	1
	81	1
172A44-74131	74	2 A
	81	2 A
172A44-74140	74	15
	81	15
172A44-74141	74	15 -1
	81	15 -1
172A44-74150	74	18 A
	75	21 A
	81	18 A
	82	21 A
172A44-74160	75	18
	82	18
172A44-74161	75	18 -1
	82	18 -1
172A44-74171	77	1
	84	1
172A44-74181	77	4 A
	84	4 A
172A44-74190	77	17
	84	17
172A44-74200	77	19 A
	84	19 A
172A44-74211	78	1
	85	1
172A44-74221	78	5 A
	85	5 A
172A44-74230	78	5
	85	5
172A44-74240	77	19
	84	19
172A44-74250	77	4
	84	4
172A44-74260	75	21
	82	21
172A44-74270	74	18
	81	18
172A44-74280	74	2
	81	2
172A44-76401-2	101	5
172A44-76401-Y	101	5 -1
172A44-76451-2	101	6

Parts No.	Fig. No.	Ref. No.
172A44-76451-Y	101	6 -1
172A44-78390	98	2
172A44-78400	98	1
172A44-78410	98	3
172A44-78420	98	4
172A44-78450	116	6
172A44-78470	116	8
172A44-78490	116	10
172A44-78850	101	12
172A44-78851	101	12 -1
172A44-78960	102	14
172A44-78970	102	15
172A44-81501	107	1
172A44-81501-Y	107	1 -1
172A44-81910	106	9
172A44-81950-2	106	28
172A44-81950-Y	106	28 -1
172A45-11301	6	1
172A45-12150	7	2
172A45-13110	8	4
172A45-13213	8	8
172A45-13214	8	8 -1
172A45-13215	8	8 -2
172A45-13500	10	1
172A45-13501	10	1 -1
172A45-13510	10	9
172A45-13511	10	9 -1
172A45-13541	9	8
172A45-13542	9	8 -2
172A45-13710	22	3
	27	5
172A45-13711	22	3 -1
	27	5 -1
	119	3
172A45-13720	22	4
	27	6
	119	4
172A45-16610	15	5
172A45-16740	15	6
172A45-16760	15	7
172A45-18350	24	5
172A45-18391	24	7
172A45-18420	24	8
172A45-73720	71	14 -1
172A45-73730	71	44
172A45-74130	77	16
	84	16
172A45-76710	49	28
172A45-78100	91	18
172A45-78110	91	19

Parts No.	Fig. No.	Ref. No.
172A45-78120	91	20
172A45-78310	94	12
172A45-78570	91	24
172A45-78600	96	13
172A46-03161	1	14
	2	10
	51	27 D
172A46-03330	1	26
	2	22
	49	45 D
172A46-03610	117	39
172A46-05300	27	1
172A46-11302	6	4
172A46-11311	8	2
172A46-11390	6	3
172A46-11500	6	5
172A46-11510	6	9
172A46-11520	6	10
172A46-11550	6	11
172A46-12101	7	1
172A46-13000	11	1
172A46-13001	11	1 -1
172A46-13002	11	1 -2
172A46-13030	9	14
		14 A
172A46-13060	9	1
		9
172A46-13070	9	10
172A46-13090	9	2
172A46-13120	9	3
172A46-13121	9	3 -1
	27	1 -1
172A46-13130	9	4
	27	1 A
172A46-13140	9	5
	27	1 B
172A46-13150	10	25
172A46-13160	10	26
172A46-13200	10	27
172A46-13530	9	7
172A46-13542	9	8 -1
172A46-13660	9	13
172A46-13780	11	3
172A46-13800	11	4
		4 -1
172A46-13810	11	5
172A46-13900	9	15
172A46-13910	9	28
172A46-14110	12	2
172A46-14150	12	24

Parts No.	Fig. No.	Ref. No.
172A46-14180	12	26
172A46-14190	12	27
172A46-14230	13	1
172A46-14231	13	1 -1
172A46-14240	12	28
172A46-14250	12	29
172A46-14550	12	7 -1
172A46-14600	13	5
172A46-14601	13	5 -1
172A46-14650	13	16
172A46-16100	14	1
172A46-16101	14	1 -1
172A46-16110	14	5
172A46-16111	14	5 -1
172A46-16250	14	7 -1
172A46-16260	14	6
172A46-16261	14	6 -1
172A46-16310	14	7
172A46-16340	14	8
172A46-16360	14	7 B
172A46-16540	16	1
172A46-16541	16	1 -1
172A46-16560	23	1
172A46-16651	19	1
172A46-16780	19	20
	27	9
172A46-16810	19	21
172A46-17300	44	4
172A46-17310	44	5
172A46-17400-2	20	2
172A46-17400-Y	20	2 -1
172A46-17600	27	13
172A46-18190	27	21
172A46-18200	27	23
172A46-18210	27	25
172A46-18220	27	28
172A46-18240	25	7
172A46-18261	25	8
172A46-18262	25	8 -1
172A46-18290	25	9
172A46-18300	25	10
172A46-18331	25	11
172A46-18340	25	12
172A46-18350	25	13
172A46-18371	24	6
172A46-18380	25	14
172A46-18390	25	15
172A46-18450	27	30
172A46-18460	27	31
172A46-18470	27	32

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A46-18480	27	33
172A46-18490	27	34
172A46-18770	22	19
	27	40
	119	20
172A46-45350	35	1
172A46-46500	39	2
172A46-46530	39	3
172A46-54530	41	10
172A46-57610	43	12
172A46-61010	45	26
172A46-61050	45	28
172A46-61100	45	29
172A46-61150-2	106	24
172A46-61150-Y	106	24 -1
172A46-61181	45	14
172A46-61250	9	21
172A46-61260	9	22
172A46-61270	9	23
172A46-61340	9	19
172A46-61381	46	2
172A46-61431	46	1
172A46-61451	46	3
172A46-61500	45	7
172A46-61510	45	8
172A46-61531	46	10
172A46-61562	46	8
172A46-61580	45	9
172A46-61850	46	9
172A46-61860	46	11
172A46-61940	46	12
172A46-61951	46	13
172A46-61960	46	14
172A46-61970	46	24
172A46-62100	47	17
172A46-62520	38	7
172A46-64020	46	31
172A46-64810	50	2
172A46-64811-1	50	2 -1
172A46-64820	49	20
172A46-64830	49	21
172A46-64852	47	20
172A46-64930	50	4
172A46-64940	49	7
172A46-64951	49	26
172A46-64952	49	26 -1
172A46-64953	49	26 -2
172A46-64970	49	27
172A46-64990	49	9
172A46-65010	52	15

Parts No.	Fig. No.	Ref. No.
172A46-65170	51	6
172A46-65171	51	6 -1
		6 -2
172A46-65180	51	7
172A46-65460	52	1
172A46-65532	52	2
172A46-65533	52	2 -1
172A46-65600-2	52	7
172A46-65601-2	52	7 -1
172A46-65601-Y	52	7 -2
172A46-65650	52	10
172A46-65651	52	10 -1
172A46-65671	52	11
172A46-65800-2	52	16
172A46-65801-2	52	16 -1
172A46-65801-Y	52	16 -2
172A46-65940	52	19
172A46-65950	52	20
172A46-72070	64	4
	65	4
	66	42
	124	28
172A46-72470	66	10
172A46-72502-2	66	6
172A46-72502-N	66	6 -1
172A46-72511-2	66	22
172A46-72511-N	66	22 -1
172A46-72541	66	26
172A46-72570	66	30
172A46-72590	66	14
172A46-72601-2	66	34
172A46-72601-N	66	34 -1
172A46-72680-2	106	37
172A46-72680-N	106	37 -1
172A46-72700	67	1
172A46-72710	67	3
172A46-72800	67	8
172A46-72850	67	12
172A46-72870	67	39
172A46-72900	67	16
172A46-72910	67	20
172A46-72930-1	113	2
172A46-72930-Y	113	2 -1
172A46-72950-2	64	46
172A46-72950-N	64	46 -1
172A46-74210	76	8 A
	83	8 A
172A46-74220	76	8
	83	8
172A46-74250	75	4 A

Parts No.	Fig. No.	Ref. No.
172A46-74250	82	4 A
172A46-74260	75	4
	82	4
172A46-74310	73	14 A
	80	14 A
172A46-74320	73	14
	80	14
172A46-74330	73	2
	80	2
172A46-74370	73	5
	80	5
172A46-74410	75	1
	82	1
172A46-74430	76	2
	83	2
172A46-74431	76	2 -1
	83	2 -1
172A46-74480	78	11
	85	11
172A46-75100	90	29
172A46-75201	90	7
172A46-75202	90	7 -1
172A46-75300	90	37
172A46-75440	103	4
172A46-75500	90	30 -1
172A46-76100	92	2
172A46-76110	93	2
172A46-76120	93	3
172A46-76130	100	14
172A46-76471	101	8
172A46-76481	101	9
172A46-76530	101	23
172A46-76730	45	16
	112	7
172A46-77100	113	25
172A46-77101	113	25 -1
172A46-77120-1	113	26
172A46-77121-1	113	26 -1
172A46-77121-Y	113	26 -2
172A46-77150-1	113	27
172A46-77151-1	113	27 -1
172A46-77151-Y	113	27 -2
172A46-77170	113	33
172A46-77200	114	21
172A46-77230-1	114	22
172A46-77230-Y	114	22 -1
172A46-77800	42	1
172A46-78131	94	4
172A46-78140	94	5
172A46-78150	94	6

Parts No.	Fig. No.	Ref. No.
172A46-78160	95	5
172A46-78170	95	6
172A46-78180	96	7
172A46-78190	96	8
172A46-78200	96	9
172A46-78220	94	7
172A46-78230	94	8
172A46-78240	94	9
172A46-78250	94	10
172A46-78260	92	15
172A46-78280	96	10
172A46-78290	96	11
172A46-78300	94	11
172A46-78321	91	21
172A46-78330	91	22
172A46-78340	96	12
172A46-78350	92	16
172A46-78360	94	13
172A46-78440	116	5
172A46-78460	116	7
172A46-78480	116	9
172A46-78500	91	23
172A46-78581	92	14
172A46-78590	94	14
172A46-78700	115	4
172A46-78710	115	5
172A46-78720	115	6
172A46-78771	100	18
172A46-78781	100	19
172A46-78791	100	20
172A46-78801	100	21
172A46-78811	100	22
172A46-78860	116	11
172A46-78900	102	12
172A46-78910	102	13
172A46-79100	19	12
172A46-79110	19	13
172A46-79120	90	41
172A46-79200	90	17
172A46-79210	45	17
	112	8
172A46-79300-2	106	26
172A46-79300-Y	106	26 -1
172A46-81800-2	106	27
172A46-81800-Y	106	27 -1
172A46-81900	67	31
172A46-81901	67	31 -1
172A46-81910	64	48
172A46-81930	106	10
172A47-03220	1	61

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A47-03220	2	58
	87	1
172A47-03250	1	58
	2	55
	44	1
	53	33 C
	61	14 I
172A47-03260	1	59
	2	56
	44	2
	48	13 B
172A47-03270	1	60
	2	57
	44	3
	90	49 A
172A47-03340	1	36
	2	32
	49	46 A
172A47-03341	1	36 -1
	2	32 -1
	49	46 A-1
172A47-03371	1	66
	2	63
	103	1
172A47-03390	1	63
	2	60
	88	1
172A47-03410	1	64
	2	61
	3	31
	4	30
	88	2
172A47-03601	117	36
172A47-03610	117	40
172A47-03651	117	41
172A47-11200	24	1
172A47-12110	7	4
172A47-12141	7	5
172A47-13780	11	6
172A47-14520	12	36
172A47-16150	14	15
172A47-16590	23	3
172A47-16591	23	3 -1
172A47-16810	19	2
172A47-16860	19	3
172A47-17210	17	1 A
172A47-17211	17	1 A-1
172A47-17270	61	2
172A47-17280	61	3
172A47-17500	22	5

Parts No.	Fig. No.	Ref. No.
172A47-17500	119	6
172A47-17530	27	10
172A47-17900	21	17
172A47-18120	25	6
172A47-18140	27	20
172A47-18230	27	27
172A47-18261	26	4
172A47-18262	120	4
172A47-18270-1	59	1
	121	1
172A47-18280	59	2
172A47-18281	59	2 -1
	121	2
172A47-18300	27	37
		53
172A47-18340	26	11
	120	11
172A47-18351	22	13
	26	12
172A47-18352	119	14
	120	12
172A47-18391	22	14
172A47-18392	119	15
172A47-18600	26	13
	120	13
172A47-18660	22	15
	119	16
172A47-18711-1	22	18
	23	6
	119	19
172A47-18730	27	39
172A47-18760	23	7
172A47-18780	28	10
172A47-18781	28	10 -1
172A47-18810	28	11
172A47-18930	59	3
	121	3
172A47-18940	22	20
	119	21
172A47-18950	22	21
	119	22
172A47-18980	28	2 -1
172A47-18990	28	2 A
172A47-19310	26	15
	120	15
172A47-19320	26	16
	120	16
172A47-19330	26	6
	120	6
172A47-19340	26	7

Parts No.	Fig. No.	Ref. No.
172A47-19340	120	7
172A47-19350	26	8
	120	8
172A47-19360	26	9
	120	9
172A47-19380	27	41
172A47-19381	27	41 -1
172A47-19390	27	42
172A47-19391	27	42 -1
172A47-19400	22	22
	119	23
172A47-44200	34	25
172A47-44230	34	26
172A47-45100	34	2
172A47-45150	34	5
172A47-45200	36	4
172A47-45260	36	7
172A47-45300	36	8
172A47-45420	38	1
172A47-45430	36	9
172A47-45450	34	8
172A47-45451	34	8 -1
172A47-45501	37	2
172A47-45502	37	2 -1
172A47-45531	37	5
172A47-45532	37	5 -1
172A47-45580	37	6
172A47-45601	40	2
172A47-45800	40	5
172A47-45840	40	6
172A47-45870	40	7
172A47-45880	40	8
172A47-46210	33	6
172A47-46230	33	7
172A47-46310	33	8
172A47-46343	33	9
172A47-46344	33	9 -1
172A47-46451	32	3
172A47-46452	32	3 -1
172A47-46470	32	4
172A47-46471	32	4 -1
172A47-53320	41	2
172A47-54610	61	5
172A47-61220-2	45	1
172A47-61420	45	6
172A47-61460-1	50	9
172A47-61490	59	4
172A47-61491	121	4
172A47-61511	59	7
	121	7

Parts No.	Fig. No.	Ref. No.
172A47-61530	59	6
	121	6
172A47-61550	60	1
172A47-61560	60	2
172A47-62150	47	1
172A47-62200	44	7
172A47-62201	44	7 -1
172A47-62261	47	6
172A47-62350	38	6
172A47-62410	47	24
172A47-62450	47	7
172A47-62451	47	7 -1
172A47-62460	47	8
172A47-62470	47	7 A
172A47-62501	38	2
172A47-62520	47	4
172A47-62530	47	9
172A47-62550	47	5
172A47-62570	47	11
172A47-62580	47	12
172A47-62660	47	13
172A47-63110	48	5
172A47-63121	48	6
172A47-63190	59	8
	121	8
172A47-63220-1	59	9
	121	9
172A47-64501	49	12
172A47-64550	49	17
172A47-64580	49	19
172A47-64701	50	7
172A47-64702	50	7 -1
172A47-64871	49	23
172A47-64880	50	10
172A47-64900	49	6
172A47-64940	49	8
	50	12
172A47-64950	49	18
172A47-64960	49	25
172A47-64980	50	16
172A47-65550	52	3
172A47-65911	41	11
172A47-67801	53	4
172A47-67900	61	15
172A47-68001	53	19
172A47-68820	60	3
172A47-68830	60	4
172A47-68840	60	5
172A47-68850	60	6
172A47-68860	60	7

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A47-68870	60	8
172A47-68880	60	9
172A47-68890	60	10
172A47-68900	60	11
172A47-68920	60	12
172A47-68930	60	13
172A47-68940	60	14
172A47-68980	60	15
172A47-68990	60	16
172A47-71300	99	1
172A47-72770-2	106	38
172A47-72770-N	106	38 -1
172A47-72840	64	58
	65	41
	66	3
	124	31
172A47-74120	100	1
172A47-74121	100	1 -1
172A47-74130	99	3
172A47-74140	99	4
172A47-74150	99	5
172A47-74160	99	6
172A47-74200	79	1
172A47-74210	86	1
172A47-74220	73	9
	74	5
	78	6
	80	9
	81	5
	85	6
172A47-74230	73	10
	74	6
	78	7
	80	10
	81	6
	85	7
172A47-74260	77	21
	84	21
172A47-74270	73	25
	80	25
172A47-74280	77	8
		23
	84	8
		23
172A47-74300	77	9
	84	9
172A47-74320	76	23 A
	83	23 A
172A47-74360	75	8
	82	8

Parts No.	Fig. No.	Ref. No.
172A47-74370	75	9
	82	9
172A47-74380	75	10
	82	10
172A47-74421	78	20
	85	20
172A47-74460	73	28
	80	28
172A47-74470	76	23
	83	23
172A47-74510	89	14
172A47-74520	89	17
172A47-74560	73	29
	80	29
172A47-74570	73	30
	80	30
172A47-74580	73	31
	80	31
172A47-74601	87	3
	88	3
172A47-74611	87	5
	88	5
172A47-74650	87	6
	88	6
172A47-74660	87	7
	88	7
172A47-74700	35	3
172A47-74710	35	4
172A47-74720	35	5
172A47-74730	35	6
172A47-74740	35	7
172A47-74750	35	8
172A47-74760	35	9
172A47-74770	35	10
172A47-74780	35	11
172A47-74790	35	12
172A47-74800	35	13
172A47-74810	35	14
172A47-74820	35	15
172A47-74830	35	16
172A47-74840	35	17
172A47-74850	35	18
172A47-74860	35	19
172A47-74870	35	20
172A47-74880	35	21
172A47-74890	35	22
172A47-74920	73	33
	80	33
172A47-74930	73	34
	80	34

Parts No.	Fig. No.	Ref. No.
172A47-74950	73	18
	77	31
	80	18
	84	31
172A47-74960	77	32
	84	32
172A47-74970	73	19
		35
	80	19
		35
172A47-74980	75	15
	82	15
172A47-75340	90	9
172A47-75420	79	2 C
		4
		24
	86	2 C
		4
		24
172A47-75430	73	3
	80	3
172A47-75440	73	4
	80	4
172A47-75450	73	49
	80	49
172A47-75460	76	16
	83	16
172A47-75550	76	17
	83	17
172A47-75591	78	16
	85	16
172A47-75600	79	25
	86	25
172A47-75610	73	23
	80	23
172A47-75620	73	36
	80	36
172A47-75671	78	20 A
	85	20 A
172A47-75680	73	37
	80	37
172A47-75690	73	38
	80	38
172A47-75900	79	2 A
172A47-75910	86	2 A
172A47-76110	19	7
172A47-76111	19	7 -1
172A47-76120	100	6
172A47-76171	104	28
172A47-76191	93	14

Parts No.	Fig. No.	Ref. No.
172A47-76230	93	16
172A47-76261	93	18
172A47-76300	90	32
172A47-76310	90	38
172A47-76320	116	2
172A47-76460	101	7
172A47-77820	42	2
172A47-78503	104	8
172A47-78513	104	9
172A47-78522	104	10
172A47-78532	104	11
172A47-78542	104	12
172A47-78553	104	13
172A47-78561	104	14
172A47-78610	94	15
172A47-78620	94	16
172A47-78632	104	16
172A47-78642	104	17
172A47-78652	104	18
172A47-78660	99	13
172A47-78670	99	14
172A47-78680	99	15
172A47-78760	99	16
172A47-78882	104	19
172A47-78892	104	20
172A47-78921	104	21
172A47-78931	104	22
172A47-78942	104	23
172A47-78952	104	24
172A47-81980	67	35 -1
172A52-14200	101	2
172A52-76110	92	3
172A52-76130	92	5
172A52-77800	42	7
172A64-03700	1	30
	2	26
	48	13 A
172A64-17250	18	10
172A69-46270	33	10 -1
172A77-03030	1	10 -1
	2	6 -1
	106	42 C-1
172A77-03110	1	71
	2	68
	51	4 A
172A77-11300	6	4 -1
172A77-11310	46	34
172A77-11350	46	35
172A77-13610	9	8 A
172A77-13620	9	8 B

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172A77-13630	9	8 C
172A77-13640	9	8 D
172A77-13650	9	14 -1
172A77-13660	9	14 B
172A77-13710	11	1 A
172A77-13720	11	1 B
172A77-14220	12	19
172A77-14290	9	33
172A77-14291	9	33 -1
172A77-16520	18	2
172A77-16540	18	2 -1
172A77-17250	48	2
172A77-37370	30	5 -1
		29 -1
172A77-46050	32	1 -1
	33	1 -1
172A77-61010	45	26 -1
172A77-61020	45	26 B
172A77-61180	45	14 -1
	112	2
172A77-61190	45	14 B
	112	4
172A77-61200	45	14 C
	112	5
172A77-61220-2	45	1 -1
172A77-61230	45	1 B
172A77-61240-1	45	1 -2
172A77-61240-Y	45	1 -3
172A77-61250	45	1 B-1
172A77-61270	45	14 -2
	112	2 -1
172A77-61280	45	14 B-1
	112	4 -1
172A77-61290	45	14 C-1
	112	5 -1
172A77-61810	46	9 -1
172A77-61820	46	11 -1
172A77-64100	49	3
172A77-64101	49	3 -1
172A77-64102	49	3 -2
172A77-64103	49	3 -3
172A77-64104	49	3 -4
172A77-64910	49	11 A
172A77-65010	51	4 -1
172A77-65100-2	51	4
172A77-65130	51	4 B-1
172A77-65140	51	4 B
172A77-65170	51	6 A
172A77-65180	51	6 B
172A77-65320	51	12

Parts No.	Fig. No.	Ref. No.
172A77-65420	52	1 -1
172A77-65580	52	29
172A77-65810	52	20 A
172A77-78100	49	43
172A78-46100	33	2
172A78-46101	33	2 -1
172A78-64500	49	12 -1
172A78-64510	89	12
		26
172A78-64870	49	23 -1
172A78-64880	50	10 -1
172A78-64940	50	12 -1
172A78-64950	49	18 -1
172A78-64960	49	25 -1
172A78-65710	49	11 -1
172A78-74170	74	19 -1
	75	22 -1
	76	7 -1
	81	19 -1
	82	22 -1
	83	7 -1
172A79-12150	7	6 -1
172A79-72570	64	1 -1
	65	1 -1
	66	1 -1
	124	30
172A79-72870	124	23
172A79-74500	99	3 -1
172A79-74510	99	3 A
172A79-74520	99	3 B
172A79-78250	99	13 -1
172A79-78260	99	14 -1
172A79-78270	99	16 -1
172A84-03020	117	1
172A84-03150	1	11 -2
	2	7 -2
	52	26 B-2
172A84-03170	1	16 -2
	2	12 -2
	52	27 C-2
172A84-03320	1	5
	2	4
	49	45 B
172A84-03321	1	5 -1
	2	4 -1
	49	45 B-1
172A84-03600	117	37
172A84-03601	117	37 -1
172A84-78430	98	5
172A84-78690	98	6

Parts No.	Fig. No.	Ref. No.
172A84-78980	102	16
172A84-81100	106	1
172A84-81101	106	1 -1
172A84-81101-Y	106	1 -2
172A85-16140	14	3 -1
172A85-16500	15	1
172A85-16501	15	1 -1
172A85-17460-1	20	5
172A85-17461-1	20	5 -1
172A85-17462-2	20	5 -2
172A85-17462-Y	20	5 -3
172A85-17470	20	8 -1
172A85-74680	75	17 -1
	82	17 -1
172A85-81350	106	44
172A86-70700-N	124	1
172A86-70710-N	124	7
172A86-70730	124	9
172A86-70740	124	11
172A86-70760	124	14
172A86-70770	124	16
172A86-70790	124	18
172A86-70800	124	19
172B02-73800	122	1
172B02-73810	122	2
172B02-73840	122	3
172B02-73850	122	4
172B02-73860	122	5
172B02-73870	122	11
172B02-73880	122	12
172B02-73890	122	11 -1
172B02-73900	122	10
172B02-73910	122	10 -1
172B03-37300	123	1
172B03-37320	123	4
172B03-82601	108	5 -2
172B03-82621	108	10 -1
172B04-72690	124	20
172M04-69790	53	23 -1
184014-59450	10	19
184015-44680	10	17
184016-55700	13	10
184016-55701	13	10 -1
184016-55710	13	12 A
194145-04810	50	18
194151-57100	16	4
194200-37780	36	1
194202-56460	15	23
	16	6
	18	22

Parts No.	Fig. No.	Ref. No.
194202-56460	19	6
	94	3
	102	1
	116	1
194464-52190	16	2
	32	5
	33	13
194630-42120	29	18
	30	9
		30
194680-51670	9	17
	13	23
	15	8
		8 -1
	18	11
	27	44
196420-02310	8	1
197821-88070	59	17
198094-86060	56	24
198220-61480	45	2
1A1030-48250	29	7
	123	5
1A1040-43900	24	14
	36	3
	37	1
1A1040-56900	7	11
1A1380-59480	22	24
	56	26
	119	25
1A1380-62160	46	25
	47	2
	51	1
1A6240-37360	71	4
		30
1A6260-64200	59	10
	121	10
1A7030-87090	26	28 -1
	120	28
1A7030-88100	26	28
1A7030-88101	26	28 -1B
	120	30
1A7030-88760	27	24
		26
1A7030-88820	27	22
1A7030-88840	27	29
1A7130-51130	15	1 A
1A7400-61250	9	18
1A7951-51300	26	28 -1A
	120	29
1C6141-35370	87	4

Parts No. Index

Parts No.	Fig. No.	Ref. No.
1C6141-35370	88	4
1C6281-52310	7	10
	34	14
	36	14
1D4070-23580	32	1
	33	1
1D4103-18300	16	2 -1
1D4220-58150	23	4
1E3030-78370	91	10
	110	42
1E5100-51430	53	6
1E6740-64200	36	2 -1
1E8545-80030	27	36
1E8545-80090	121	16
1E8545-80210	25	4
1E8545-80250	25	5
1E8545-80940	59	16
1E8685-79920	27	35
1E8685-79940	23	5
1E9110-79610	26	18
1E9110-79611	26	18 -1
	120	18
1E9110-79680	26	19
	120	19
1E9110-80100	26	20
	120	20
1E9110-80110	26	26
	120	26
1E9110-80130	26	21
	120	21
1E9110-80140	26	22
	120	22
1E9110-80150	26	23
	120	23
1E9110-80160	26	24
	120	24
1E9110-80170	26	25
	120	25
1E9110-80180	26	27
	120	27
22117-040000	34	15
22117-080000	34	16
	36	15
		16
22117-100000	46	38
	53	26
	63	4
	101	14
	118	69
22117-120000	53	27

Parts No.	Fig. No.	Ref. No.
22117-120000	54	26
22137-050000	79	15
	86	15
22137-060000	7	12
	15	10
	18	16
	25	18
	27	46
	28	6
		12
		12 -1
		16
	54	27
	89	10
		24
22137-080000	11	8
	14	9
	22	26
	23	14
	26	29
	28	18
	33	14
	45	34
	46	26
	51	20
	56	18
	58	19
	103	9
	110	22
	112	13
	120	35
22137-100000	12	31
	15	11
	20	7
		10
	33	23
	36	17
	38	3
	41	12 -1
	46	5
	47	19
	49	41
		41 -1
	55	19
	61	7
	64	39
	66	36
	106	29
		41
	110	23

Parts No.	Fig. No.	Ref. No.
22137-100000	113	28
	114	25
22137-120000	8	12
	45	23
22137-140000	90	46
22137-160000	8	13
22157-080000	36	18
	106	30
22157-100000	9	31
	34	17
	40	11
	41	12
	52	4
		12
		21
22157-120000	64	51
	67	36
	106	16
		17
	107	14
	110	24
	111	10
22157-140000	49	29
22157-160000	8	25
22190-080002	24	15
22212-080000	63	62
	118	26
22217-050000	79	16
	86	16
22217-060000	15	12
		19
	24	16
	28	7
22217-080000	13	20
	14	10
	24	17
22217-100000	8	14
	15	22
	46	39
	64	52
		53
	65	42
	66	41
		47
	67	42
	72	15
	122	6
		16
	124	34
		39

Parts No.	Fig. No.	Ref. No.
22217-120000	8	15
		16
		17
	24	18
	61	8
	101	15
22217-140000	29	24
	90	47
	109	17
22217-160000	8	18
	29	12
	41	13
	47	21
	49	30
	60	17
	61	9
	123	11
22242-000210	100	2
22242-000250	29	19
	63	63
	100	3
	118	27
22242-000300	30	10
		31
22242-000350	110	25
22242-000451	72	12
	122	7
22242-000600	105	8
22252-000250	110	26
22252-000280	40	12
22252-000300	110	27
22252-000350	63	17
	118	37
22252-000400	24	19
22252-000520	63	64
	118	28
22252-000521	29	20
22252-000620	29	8
	123	6
22252-000750	29	9
	123	7
22272-000060	54	28
22272-000070	33	15
22272-000080	54	29
22272-000100	53	28
22312-050100	73	39
	80	39
22351-030012	54	30
22351-030028	21	16
22351-035040	33	16

Parts No. Index

Parts No.	Fig. No.	Ref. No.
22351-050032	32	6
22351-060016	63	65
	118	29
22351-060040	33	17
22372-080000	11	9
22417-200160	58	20
22417-200200	33	18
	36	19
	38	4
	46	27
	51	21
		22
22487-100600	38	5
22487-100900	36	20
22857-500121	48	8
22857-500160	121	17
22867-400100	23	9
	53	32
22869-400160	44	6
	59	18
23000-013000	12	21
	92	11
		13
	94	1
		17
	96	6
		16
	99	17
	104	6
	115	8
	116	13
23000-070000	6	14
23001-016000	90	42
	100	23
23001-022000	22	27
	27	47
	119	27
23001-025000	91	15
		25
	94	2
		18
	100	24
23001-041000	10	2
		23
	22	28
	27	48
	119	28
23001-060000	91	16
		26
23001-102000	90	43

Parts No.	Fig. No.	Ref. No.
23061-050300	13	21
23065-070130	10	16
23080-013000	12	32
23393-020000	97	10
23394-020000	19	14
	100	25
23491-080002	12	5
23871-005000	68	12
	69	24
23871-010000	90	39
23871-020000	70	88
	72	13
	90	33
		40
	122	8
23871-030000	90	24
23871-040000	101	16
24101-060024	70	22
24101-060044	70	23
24101-062054	29	21
24101-062064	123	8
24102-062054	29	22
24104-062030	24	20
24190-070002	124	24
24311-000060	73	20
		40
	74	12
	77	12
		34
	78	13
	79	28
	80	20
		40
	81	12
	84	12
		34
	85	13
	86	28
24311-000090	12	6
	79	29
	86	29
24311-000100	63	35
	118	53
24311-000120	74	24
	75	27
	76	11
	81	24
	82	27
	83	11
24311-000160	10	7

Parts No.	Fig. No.	Ref. No.
24311-000160	12	7
	13	13
	99	3 C
24311-000210	32	7
	36	21
	37	8
24311-000380	90	19
24311-000480	110	28
24311-000750	72	10
24311-240100	79	17
	86	17
24315-000070	63	71
	70	24
		89
	118	62
24315-000080	19	8
	63	36
		72
	73	41
	75	16
	77	35
	80	41
	82	16
	84	35
	118	54
		63
24315-000100	70	90
	73	42
	80	42
	113	15
	114	14
24315-000110	19	15
	63	73
		74
	70	25
		74
	73	21
		43
	74	13
		25
	75	28
	76	12
		28
	77	13
		36
	78	14
		26
	79	18
	80	21
		43

Parts No.	Fig. No.	Ref. No.
24315-000110	81	13
		25
	82	28
	83	12
		28
	84	13
		36
	85	14
		26
	86	18
	90	20
	91	12
	93	17
		22
	97	11
	99	18
		21
	100	26
	102	5
		19
	104	3
		5
	113	16
	114	15
	115	3 A
	118	64
		65
24315-000120	63	75
	70	84
	118	66
24315-000140	30	16
		37
	63	37
	64	38 A
		40
	65	32 A
	66	35 A
	73	44
	76	29
	80	44
	83	29
	91	13
	92	4
		6
		8
		12
	93	12
		23
	95	4
	96	4

Parts No. Index

Parts No.	Fig. No.	Ref. No.
24315-000140	97	7
		12
		13
	99	9
		7
	100	27
		7
	103	17
	113	16
	114	4
	116	55
	118	70
	113	85
	114	18
	114	17
	65	34
	73	45
	80	45
	91	8
24315-000150	93	14
		24
	113	20
		24
	114	20
		20
	100	4
	70	26
	100	86
		15
24315-000160	100	28
		5
	122	13
		14
	122	70
		75
	124	5
		11
	30	32
		5
24315-000180	63	70
		14
	118	11
		21
	90	34
		39
	30	18
		76
	63	67
		15
24321-000210	122	35
		19
	79	19
		86
	86	19
		29
	53	29
		29
	53	29
		29

Parts No.	Fig. No.	Ref. No.
24550-012200	54	31
		19
		33
	66	14
		7
	67	31
		30
	68	17
		38
	64	18
		22
	65	41
		35
	66	11
		12
	108	29
		11
	110	6
		42
24550-025150	42	42
		37
	64	15
		12
	107	25
		19
	111	14
		36
	124	36
		-1
24550-040300	67	29
		25
	69	18
		13
	106	13
		-1
	28	17
		5
	16	18
		16
24761-020000	18	13
		20
	19	19
		14
	23	24
		34
	57	13
		27
	89	24
		20
24761-040000	10	21
		89
	18	11
		25
	25	19
		19
	25	19
		19
	25	19
		19

Parts No.	Fig. No.	Ref. No.
26013-060252	27	49
		17
		20
	19	20
		21
	25	3
		21
	46	29
		35
	7	10
		21
	21	21
		29
	22	35
		23
	23	23
		24
	24	9
		4
26013-080122	49	32
		31
	50	32
		33
	56	35
		5
	59	17
		19
	90	36
		20
26013-080162	102	21
		10
	103	31
		32
	106	30
		29
	110	18
		6
	119	15
		3
26013-080202	26	33
		14
	28	24
		20
	35	22
		49
	59	38
		40
	90	6
		8
26013-080252	120	14
		22
	121	22
		30
	6	16
		34
	22	34
		22
	24	22
		30

Parts No.	Fig. No.	Ref. No.
26013-080252	102	22
		31
		23
	120	35
		14
	24	29
		28
	45	24
		29
	112	14
		14
	113	-1
		18
	114	8
		12
	9	22
		36
	62	37
		3
26013-080302	68	27
		51
	73	51
		44
	80	11
		30
	90	-1
		25
	103	26
		27
26013-080452	11	10
		33
	12	34
		11
	14	15
		24
	15	23
		31
	24	51
		22
26013-080552	25	18
		19
	26	24
		6
	27	18
		23
	33	38
		40
	45	6
		8
26013-100162	46	14
		22
	47	22
		10
	49	10
		10
	50	6
		8
	52	14
		22
26013-100202	61	22
		10
	61	10
		10
	61	10
		10
	61	10
		10
	61	10
		10

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26013-100202	64	43
	66	38
	67	37
	90	44 -1
	99	19
	106	23
		33
		36
	110	31
	112	9
		10
	113	30
		32
	114	29
	120	32
26013-100252	7	13
		14
	8	19
	9	32
		34
	20	9
	22	30
	29	2
	33	20
	34	19
	40	13
		14
	47	15
	49	39
		39 -1
26013-100252	50	8 -1
	52	5
		6
		13
		14
		23
		30
	62	3 -1
	64	54
	67	37 -1
	70	109
	99	2
	101	17
	111	13
	113	31
26013-100302		34
	114	30
	63	6
		7
	106	34

Parts No.	Fig. No.	Ref. No.
26013-100302	118	71
		72
26013-100352	14	12
	40	15
	72	14
26013-100402	25	24
	30	19
		40
	41	15
26013-100452	25	24 -1
	106	35
26013-100502	100	29
26013-120202	106	19
26013-120252	43	7
	45	25
	90	45
	106	20
26013-120302	107	16
	67	38
	106	21
	110	32
	111	14
26013-120352	63	8
	118	73
26013-120552	101	18
26013-120602	101	18 -1
		19
26014-080162	45	4
	119	30
26014-080202	90	22 -1
26014-080252	90	36 -1
	119	31
26014-100162	45	20
	46	22
	112	11
26014-100202	46	28
	52	6 -1
26014-100252		24
		30 -1
	119	32
	6	17
	45	27
26022-050122		32
	46	29
	51	23
		24
26023-050102	12	22
	45	5
26023-060122	57	35
26023-060162	57	36

Parts No.	Fig. No.	Ref. No.
26033-040202	23	11
	59	21
	121	20
26051-080002	6	18
	25	25
	26	32
	34	20
	36	25
		26
26076-100202	120	33
	64	55
	65	40
26076-100252	66	43
	64	55 -1
	65	40 -1
	66	43 -1
	124	35
26076-100352	55	20
	122	9
26076-120302	101	20
26076-120352	8	20
		21
26076-120402	8	22
	61	11
	101	21
26076-120452	24	25
26076-160402	8	23
	61	12
26076-160452	8	23 -1
26076-160552	60	18
26106-080162	37	10
	44	8
26106-080202	47	16
		16 -1
		25
26106-080252	47	25 -1
26106-080302	34	27
26106-080502	24	26
26106-080602	24	27
26106-100122	43	3
26106-100162	45	10
		11
		12
		13
26106-100352	40	16
26106-100652	46	40
26116-060162	28	8
26116-080202	56	20
	110	33
26116-080204	40	17

Parts No.	Fig. No.	Ref. No.
26116-080702	13	22
26116-100162	64	56
	66	44
	67	43
	124	36
26116-100304	40	18 -1
	57	37
26116-100354	34	21
	40	18
26116-100652	72	16
	109	4
	122	17
26116-100752	108	13
26116-100802	110	34
26116-121402	64	57
26116-140352	90	48
26116-140652	29	25
26116-160252	49	34
26116-160352	47	22
26116-160402	41	16
26206-141502	105	9
26347-100002	46	23
	51	25
26366-080002	53	30
	56	21
26367-100002	12	35
26450-050102	74	26
	75	29
	76	13
	79	20
		21
	81	26
	82	29
	83	13
	86	20
		21
	99	3 D
26450-050182	74	27
	75	30
	76	14
	81	27
	82	30
	83	14
26450-050302	73	46
	79	2 F
		22
	80	46
	86	2 F
		22
26450-050452	63	38

Parts No. Index

Parts No.	Fig. No.	Ref. No.
26450-050452	77	37
	84	37
26450-060102	12	8
	54	32
26450-060302	69	26 -1
26450-060352	69	26
26450-060402	70	91
26450-060652	73	47
	80	47
26450-080202	70	27
26450-080752	79	23
	86	23
26450-120402	63	9
	118	74
26557-080202	59	22
	121	21
26587-040122	22	31
		32
		33
	34	22
	119	33
		34
		35
	27	52
	46	41
	63	66
26711-080002	118	30
26716-060002	15	16
	24	28
26716-080002	14	13
		14
	24	29
	73	50
	80	50
	34	23
	40	19
	53	31
	55	17
	57	14
26716-100002		33
	108	14
	109	5
	110	35
	8	24
	64	59
	29	26
	105	10
	110	36
	40	20
26756-060002	16	3
26756-080002		
26776-180002		

Parts No.	Fig. No.	Ref. No.
26776-180002	32	8
	33	21
27260-520000	29	23
29420-050000	18	7
29420-150000	18	8
29420-300000	18	9
41851-000110	19	11
		15 -1
	67	28
	74	13 -1
		25 -1
	75	28 -1
	77	13 -1
		36 -1
	78	14 -1
	79	18 -1
	81	13 -1
		25 -1
	82	28 -1
	84	13 -1
		36 -1
	85	14 -1
	90	20 -1
	91	2
		12 -1
	92	10
	93	10
		17 -1
		19
		22 -1
	95	2
	96	2
	97	4
		9
		11 -1
	99	12
		12 -1
		18 -1
		18 -2
	100	10
		26 -1
	102	8
		19 -1
	104	5 -1
	113	22
	114	26
	115	7
	116	15
	41851-000140	64
		40 -1
	91	13 -1

Parts No.	Fig. No.	Ref. No.
41851-000140	92	12 -1
	93	23 -1
	97	12 -1
41851-000180		13 -1
	100	27 -1
	91	14 -1
	93	24 -1
	114	27
41851-000240	100	28 -1
772441-37300-2	29	27
		27 -1
772458-37100-2	30	2
772458-37110-2	30	23
772458-37120-2	30	22
772458-37200-2	30	1
772458-82231	109	23
772A46-75100	90	1
772A46-75110	90	25
772A46-75200	90	2
772A77-14100	12	1
772A84-03150	2	1
772A84-03151	2	1 -1
772A84-03170	1	1
772A84-03171	1	1 -1
933110-00301	17	6
933110-54100	34	24
	36	27
933111-20200	64	44
	65	37
933111-23600	30	20
		41
933111-26600	64	32
	65	31
933111-73800	29	10
933147-03400	64	60
	66	45
	67	44
	124	37
933152-02710	90	23
933168-14170	64	61
	66	46
	67	45
	124	38
933168-55770	19	19
	56	22
933171-13691	30	21
		42
933171-15801	123	9
	15	17
933171-29751	107	17

Parts No.	Fig. No.	Ref. No.
933171-29751	108	15
	109	6
	110	37
	111	15